

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120886.D
 Acq On : 16 Jul 2020 15:25
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 16 16:48:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147427	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	543897	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	281371	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	533358	20.00	ng	0.00
76) Chrysene-d12	13.97	240	448571	20.00	ng	0.00
86) Perylene-d12	15.42	264	490937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	692401	76.99	ng	0.00
7) Phenol-d6	6.45	99	876015	75.41	ng	0.00
23) Nitrobenzene-d5	7.38	82	743785	79.13	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	248135	80.57	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1322628	70.18	ng	0.00
79) Terphenyl-d14	12.92	244	1525921	73.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	158807	38.370	ng	100
3) Pyridine	3.24	79	426730	38.758	ng	99
4) n-Nitrosodimethylamine	3.18	42	183083	38.887	ng	98
6) Aniline	6.47	93	582017	38.382	ng	99
8) 2-Chlorophenol	6.60	128	383441	38.704	ng	99
9) Benzaldehyde	6.36	77	218852	38.497	ng	99
10) Phenol	6.46	94	495042	38.740	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	373623	38.151	ng	99
12) 1,3-Dichlorobenzene	6.76	146	407166	37.902	ng	99
13) 1,4-Dichlorobenzene	6.83	146	411023	38.478	ng	98
14) 1,2-Dichlorobenzene	6.99	146	388226	38.417	ng	99
15) Benzyl Alcohol	6.96	79	313178	38.122	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	539605	38.227	ng	99
17) 2-Methylphenol	7.07	107	331486	37.751	ng	99
18) Hexachloroethane	7.33	117	149484	38.664	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	242137	36.656	ng	100
20) 3+4-Methylphenols	7.22	107	396263	35.476	ng	97
22) Acetophenone	7.23	105	469416	38.456	ng	99
24) Nitrobenzene	7.40	77	396960	39.183	ng	99
25) Isophorone	7.64	82	712669	37.989	ng	100
26) 2-Nitrophenol	7.72	139	195802	40.694	ng	99
27) 2,4-Dimethylphenol	7.75	122	303222	38.814	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	440032	38.426	ng	99
29) 2,4-Dichlorophenol	7.95	162	313334	39.251	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	347786	39.268	ng	99
31) Naphthalene	8.12	128	1087186	38.968	ng	100
32) Benzoic acid	7.86	122	260458	44.414	ng	98
33) 4-Chloroaniline	8.17	127	477687	38.382	ng	99
34) Hexachlorobutadiene	8.24	225	205057	39.275	ng	99
35) Caprolactam	8.53	113	100712	39.341	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	318437	38.895	ng	99
37) 2-Methylnaphthalene	8.81	142	711482	39.275	ng	99
38) 1-Methylnaphthalene	8.91	142	670914	39.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	325468	39.701	ng	99

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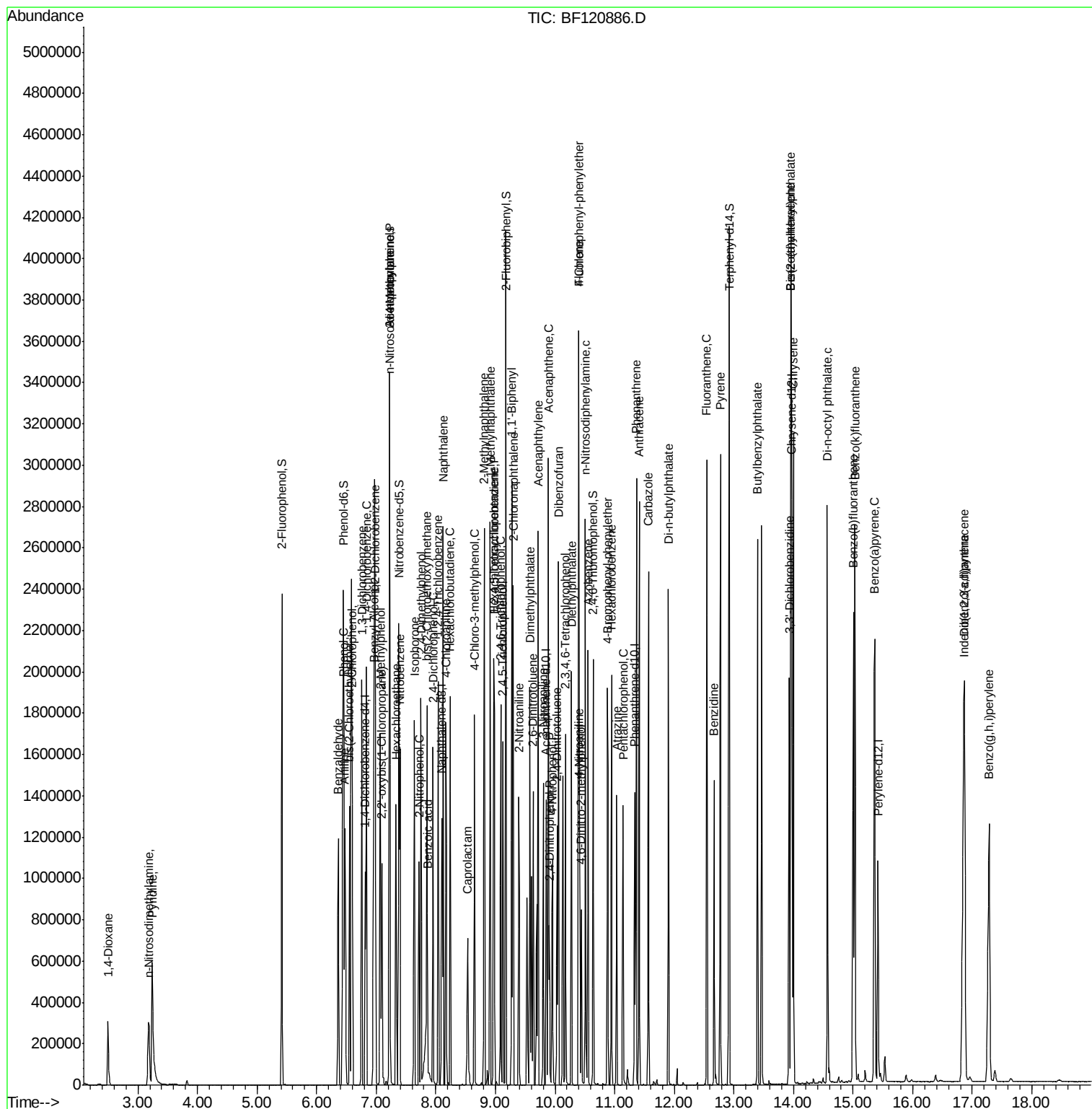
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	180657	39.873	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	225796	39.119	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	259383	39.616	nq	94
46) 1,1'-Biphenyl	9.27	154	833367	38.828	nq	100
47) 2-Chloronaphthalene	9.30	162	676821	38.678	nq	100
48) 2-Nitroaniline	9.39	65	210777	39.858	nq	99
49) Acenaphthylene	9.72	152	1053086	38.738	nq	100
50) Dimethylphthalate	9.57	163	782905	38.568	nq	98
51) 2,6-Dinitrotoluene	9.63	165	175461	40.233	nq	98
52) Acenaphthene	9.89	154	681088	39.407	nq	99
53) 3-Nitroaniline	9.80	138	215931	39.478	nq	99
54) 2,4-Dinitrophenol	9.90	184	82974	37.064	nq	96
55) Dibenzofuran	10.06	168	962049	38.492	nq	99
56) 4-Nitrophenol	9.96	139	166154	39.990	nq	100
57) 2,4-Dinitrotoluene	10.04	165	234019	40.862	nq	95
58) Fluorene	10.40	166	698598	37.477	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	201176	40.355	nq	98
60) Diethylphthalate	10.27	149	800128	38.970	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	356777	35.884	nq	98
62) 4-Nitroaniline	10.42	138	212593	39.902	nq	97
63) Azobenzene	10.55	77	753539	38.550	nq	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	115088	38.141	nq	96
66) n-Nitrosodiphenylamine	10.51	169	670012	39.933	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	236190	39.719	nq	98
68) Hexachlorobenzene	10.95	284	254751	39.603	nq	97
69) Atrazine	11.03	200	158970	38.257	nq	98
70) Pentachlorophenol	11.14	266	155320	42.148	nq	99
71) Phenanthrene	11.36	178	1061005	38.679	nq	100
72) Anthracene	11.41	178	1092278	39.655	nq	99
73) Carbazole	11.57	167	1082642	39.606	nq	99
74) Di-n-butylphthalate	11.90	149	1265765	40.126	nq	100
75) Fluoranthene	12.55	202	1200203	39.474	nq	99
77) Benzidine	12.67	184	515900	43.744	nq	99
78) Pyrene	12.77	202	1250930	39.444	nq	100
80) Butylbenzylphthalate	13.40	149	570790	40.374	nq	97
81) Benzo(a)anthracene	13.96	228	1045062	38.473	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	405720	39.591	nq	99
83) Chrysene	14.00	228	1127302	39.491	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	680807	39.052	nq	100
85) Di-n-octyl phthalate	14.57	149	1390311	40.085	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1345628	39.412	nq	100
88) Benzo(b)fluoranthene	15.00	252	1187588	40.019	nq	100
89) Benzo(k)fluoranthene	15.03	252	1123561	41.515	nq	99
90) Benzo(a)pyrene	15.36	252	1103368	40.753	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1125327	40.349	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1074399	39.070	nq	99

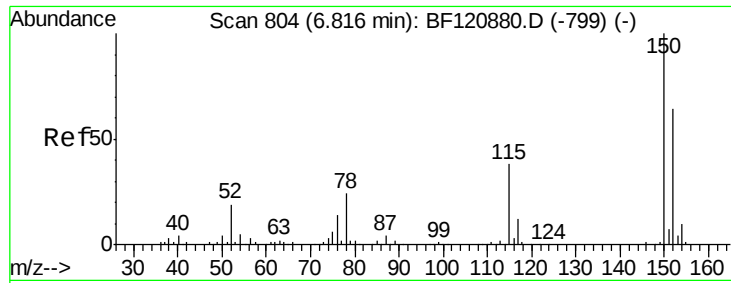
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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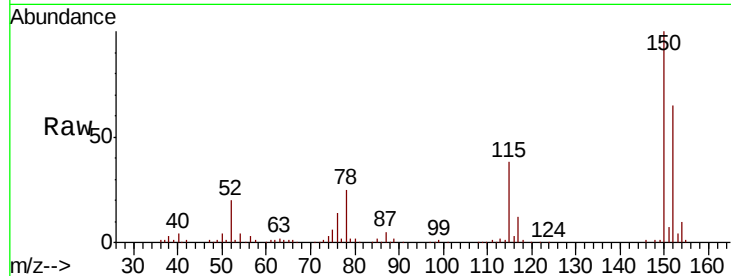


#1

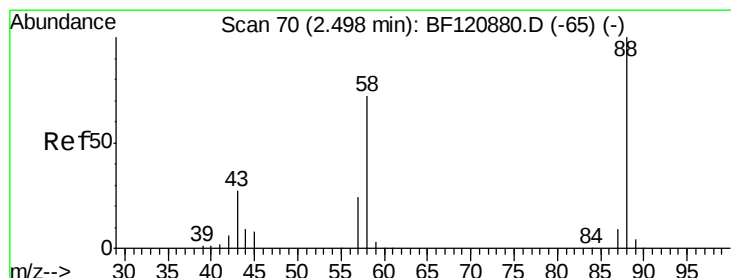
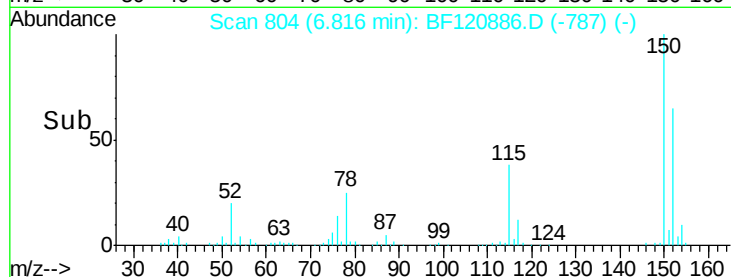
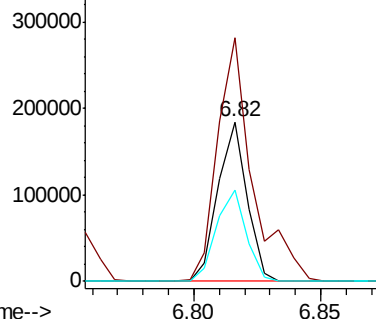
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

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BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 147427
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 57.6 47.0 70.4



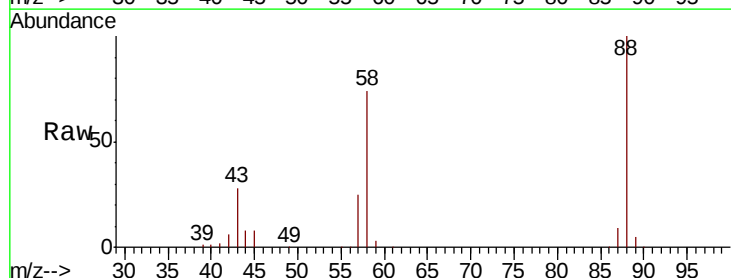
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



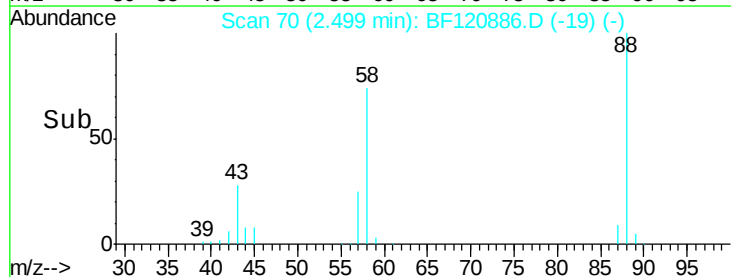
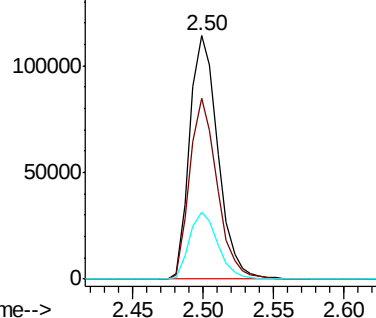
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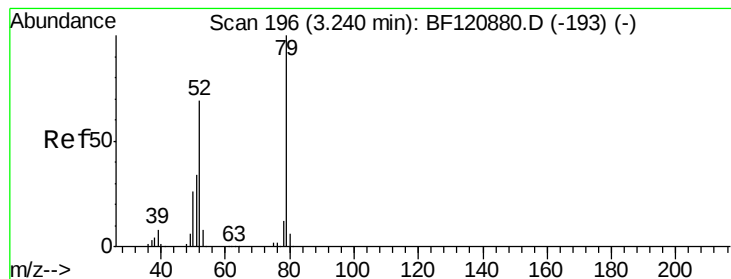
1,4-Dioxane
Concen: 38.370 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion: 88 Resp: 158807
Ion Ratio Lower Upper
88 100
58 72.3 58.2 87.2
43 27.8 22.1 33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.758 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

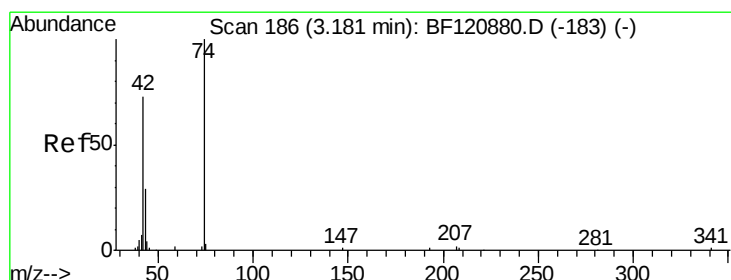
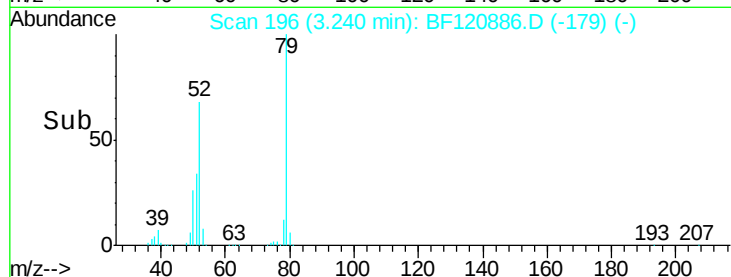
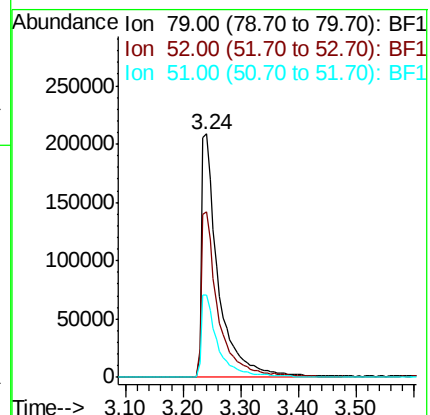
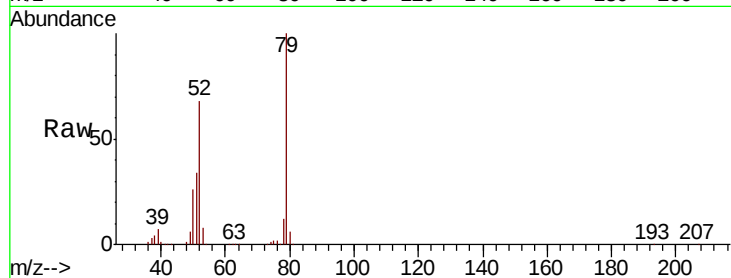
Tot Ion: 79 Resp: 426730

Ion Ratio Lower Upper

79 100

52 68.2 55.0 82.6

51 33.8 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 38.887 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

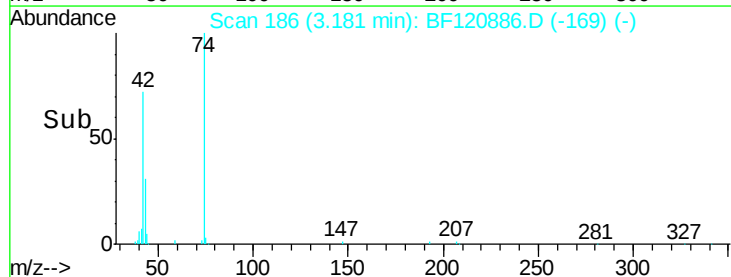
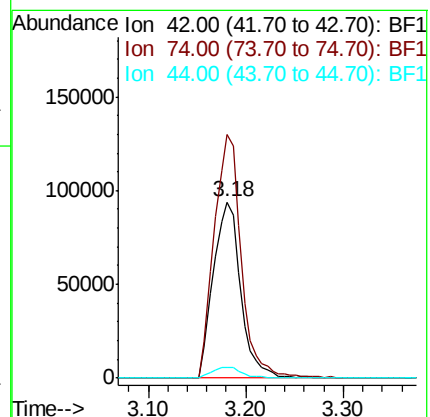
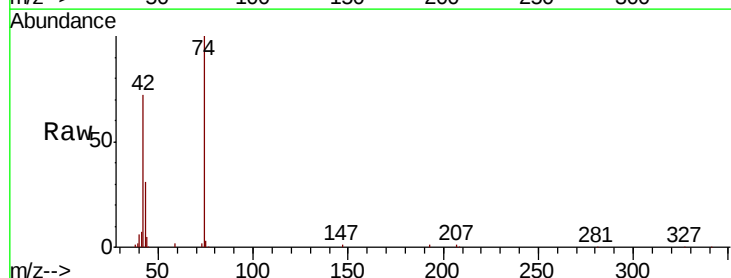
Tgt Ion: 42 Resp: 183083

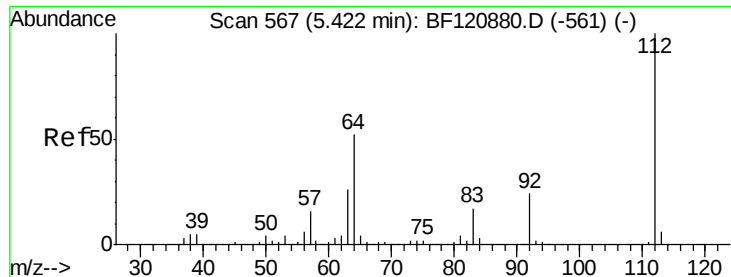
Ion Ratio Lower Upper

42 100

74 138.3 108.7 163.1

44 6.4 5.2 7.8





#5

2-Fluorophenol

Concen: 76.993 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

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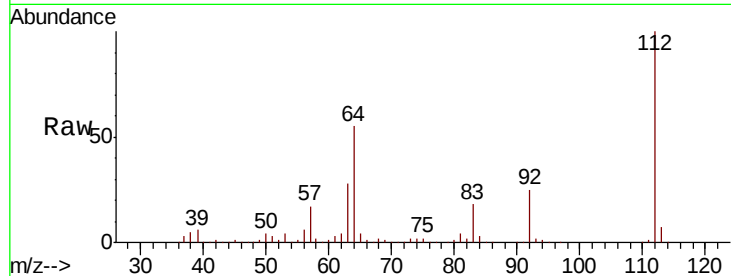
Tot Ion:112 Resp: 692401

Ion Ratio Lower Upper

112 100

64 54.9 41.3 61.9

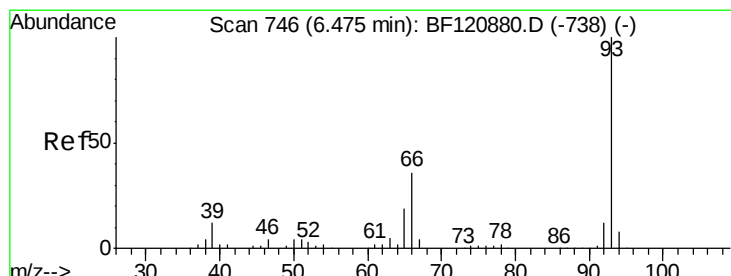
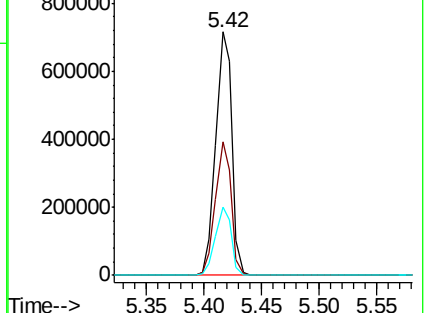
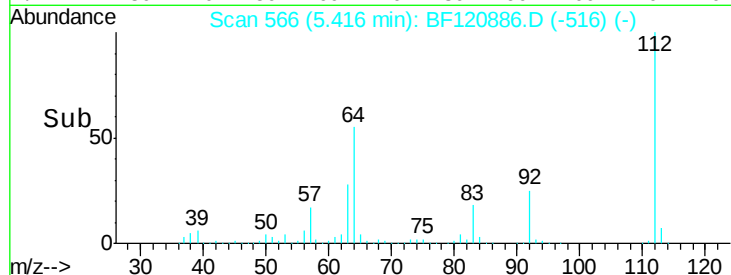
63 28.2 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.382 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

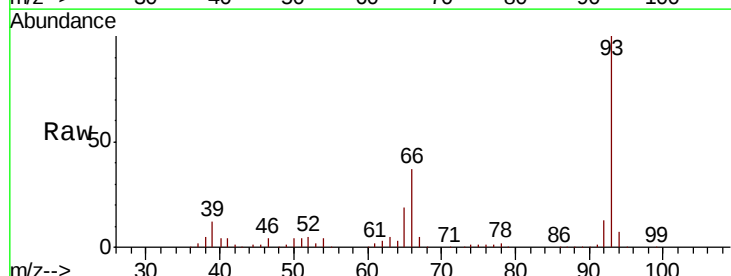
Tgt Ion: 93 Resp: 582017

Ion Ratio Lower Upper

93 100

66 36.8 30.2 45.4

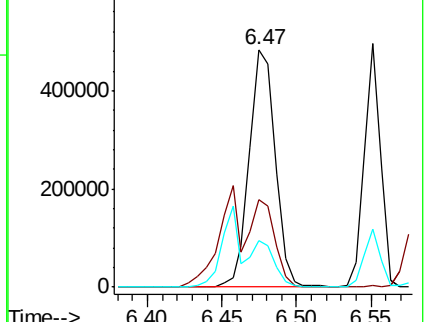
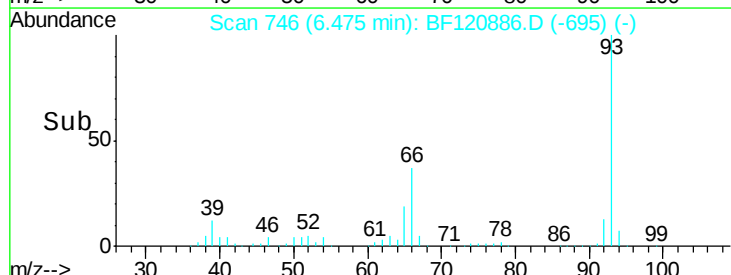
65 19.5 15.8 23.6

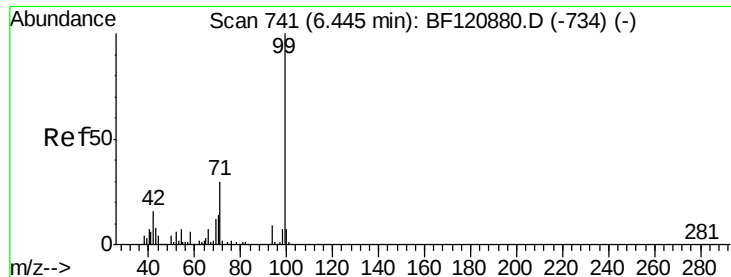


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.410 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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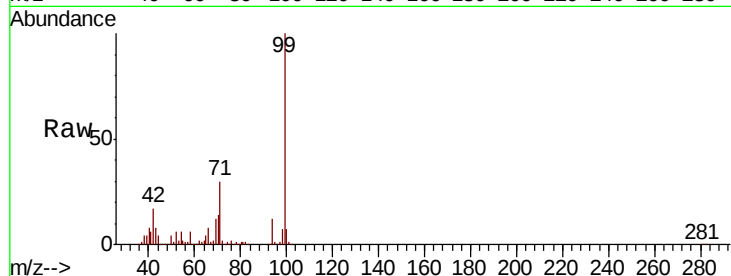
Tot Ion: 99 Resp: 876015

Ion Ratio Lower Upper

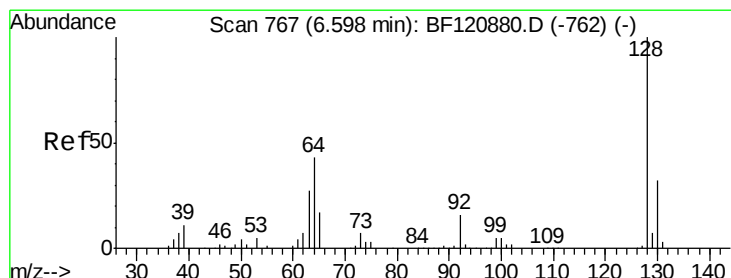
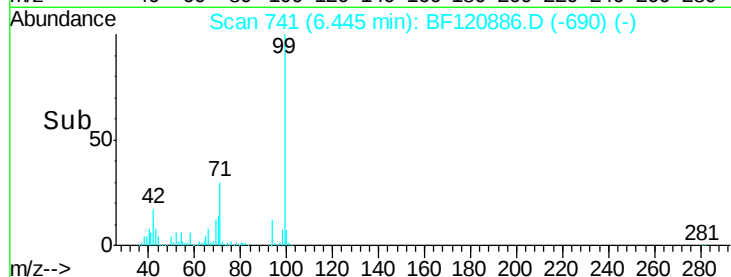
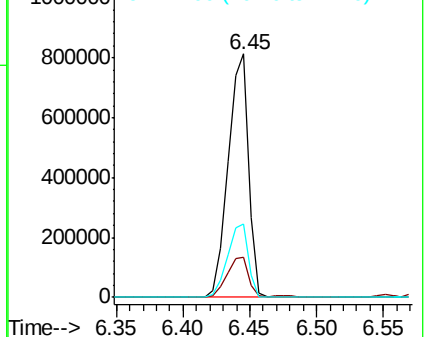
99 100

42 16.6 13.1 19.7

71 30.2 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.704 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120886.D

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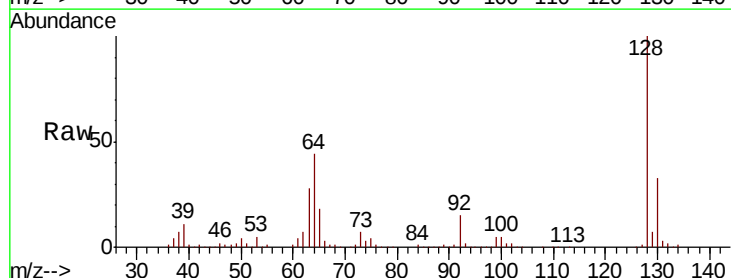
Tgt Ion: 128 Resp: 383441

Ion Ratio Lower Upper

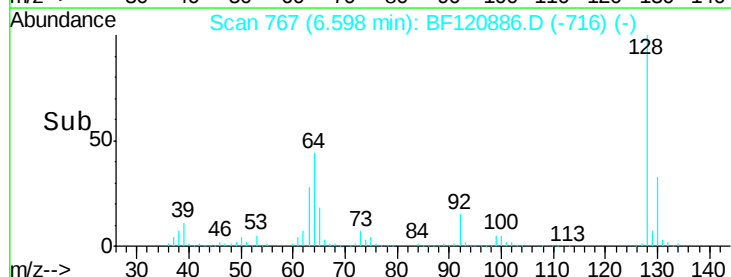
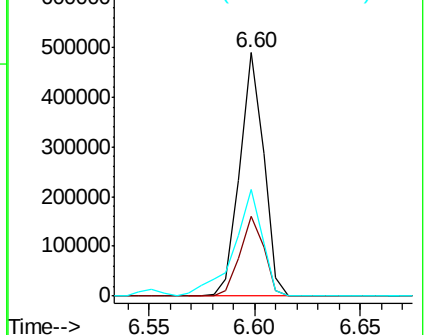
128 100

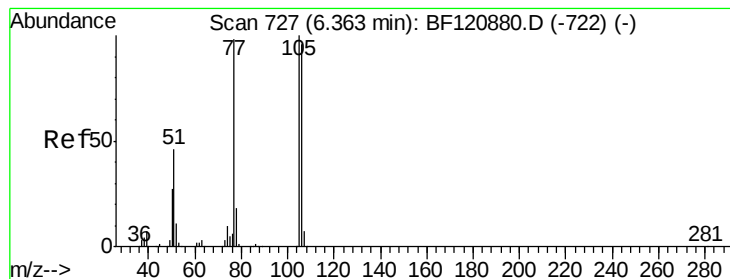
130 32.6 12.1 52.1

64 43.7 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.497 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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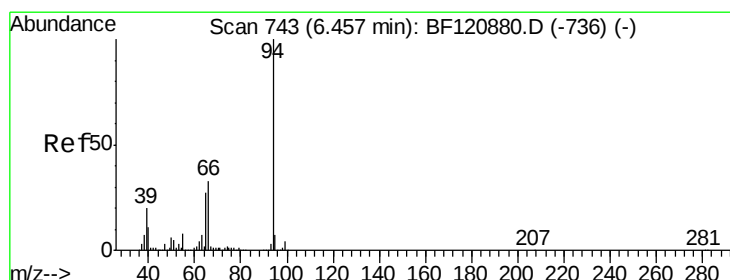
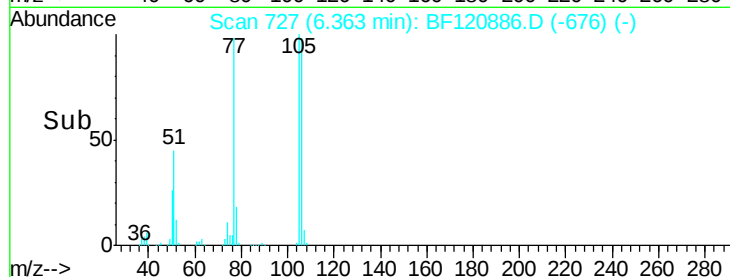
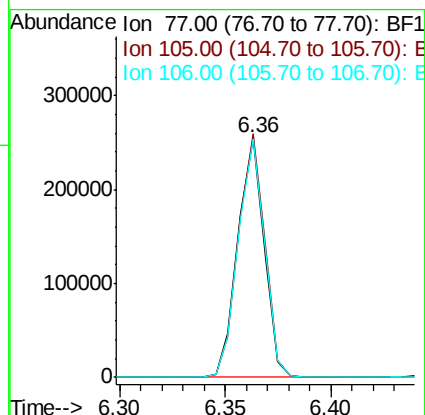
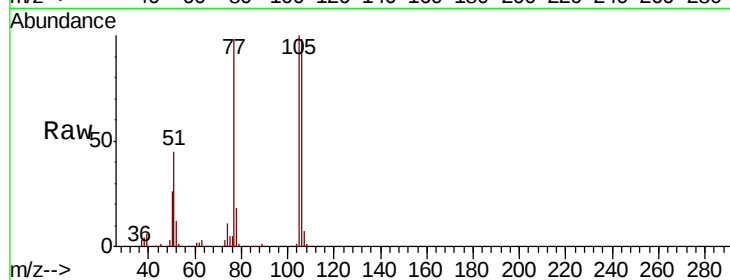
Tot Ion: 77 Resp: 218852

Ion Ratio Lower Upper

77 100

105 101.8 82.5 122.5

106 99.6 78.7 118.7



#10

Phenol

Concen: 38.740 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

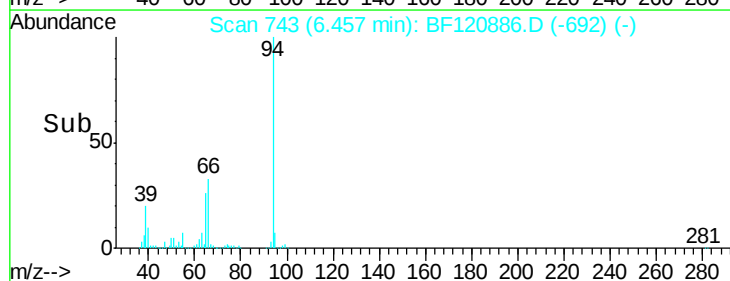
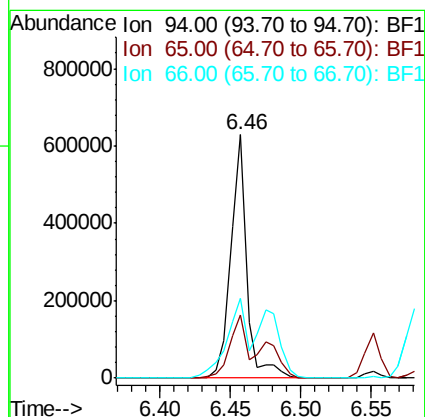
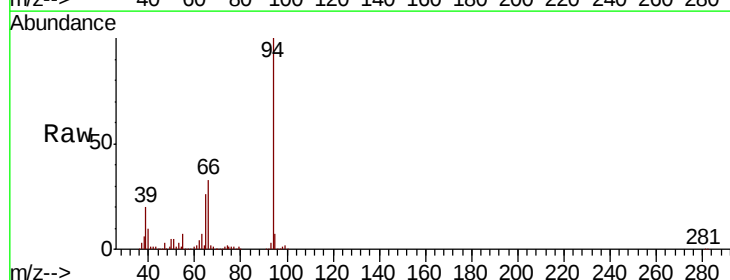
Tgt Ion: 94 Resp: 495042

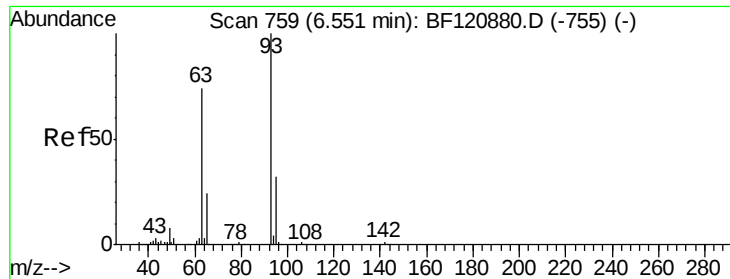
Ion Ratio Lower Upper

94 100

65 26.1 6.6 46.6

66 32.8 13.2 53.2

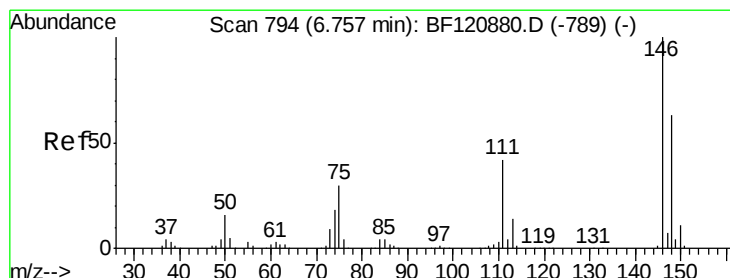
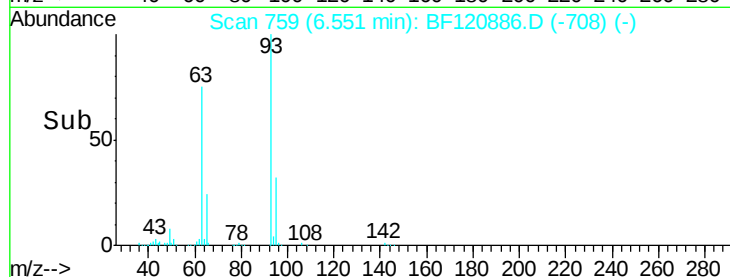
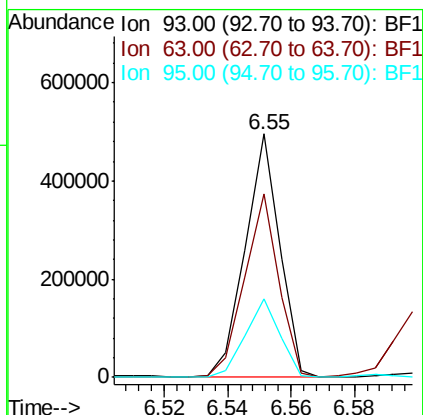
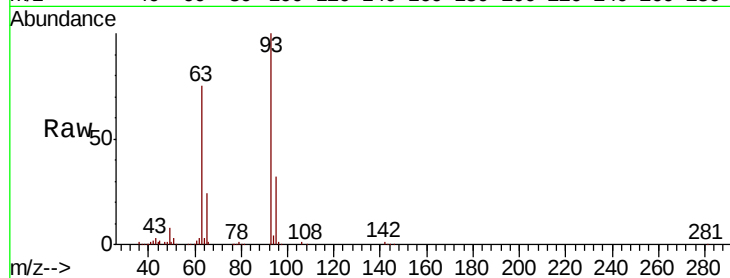




#11
bis(2-Chloroethyl)ether
Concen: 38.151 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

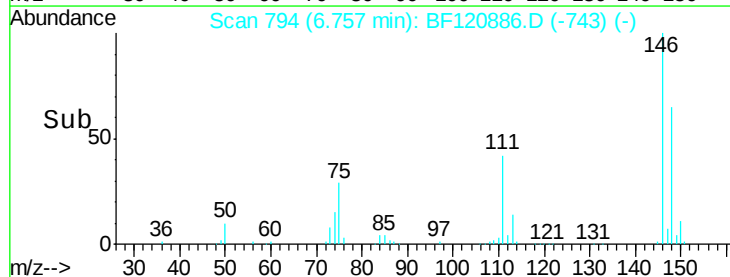
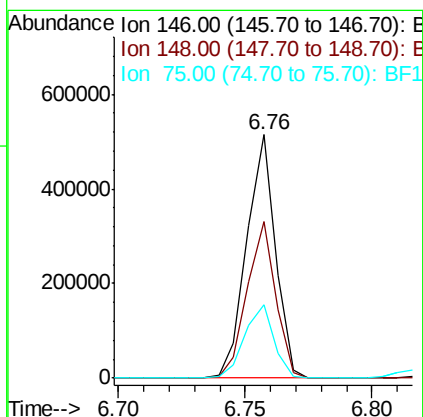
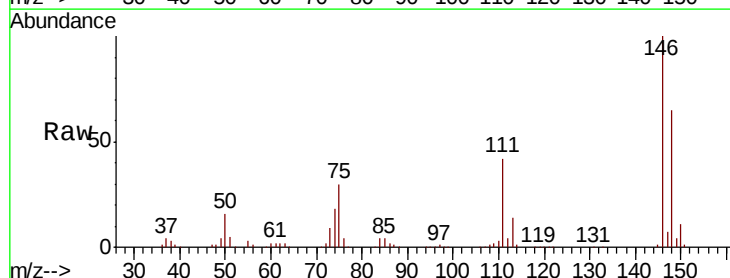
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

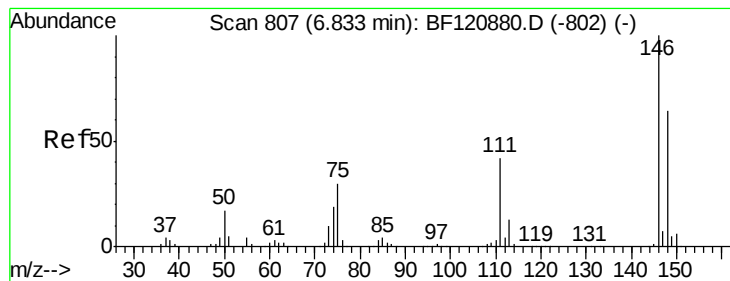
Tot Ion: 93 Resp: 373623
Ion Ratio Lower Upper
93 100
63 75.3 54.2 94.2
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.902 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion: 146 Resp: 407166
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 30.4 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 38.478 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

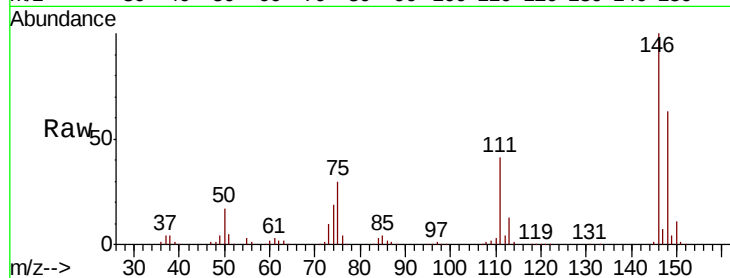
Tot Ion:146 Resp: 411023

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

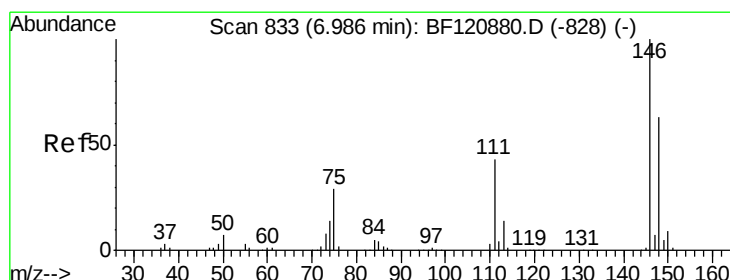
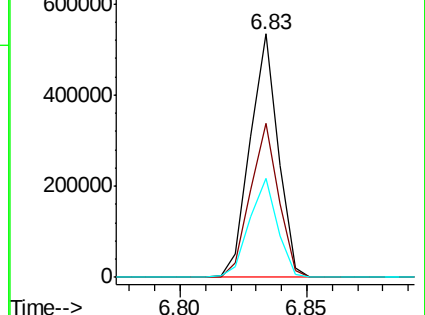
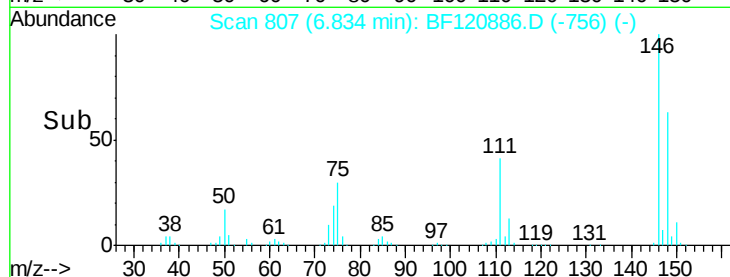
111 40.8 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.417 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

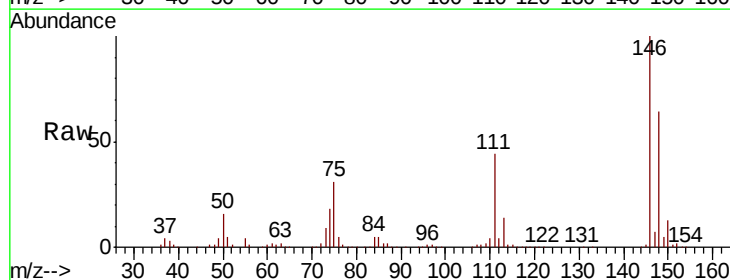
Tgt Ion:146 Resp: 388226

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

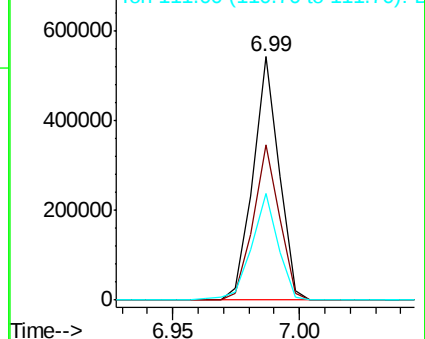
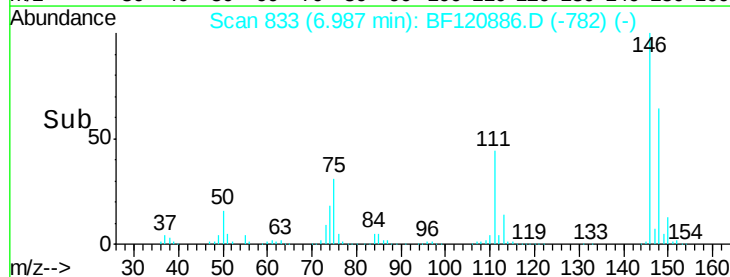
111 43.7 34.2 51.2

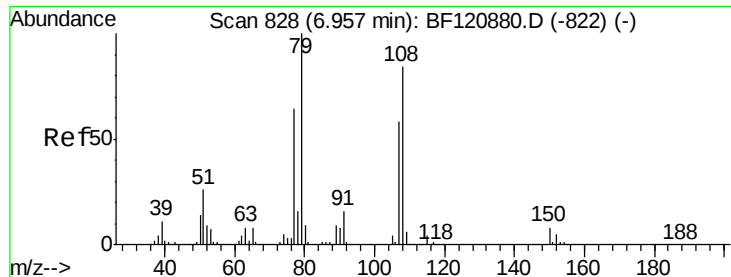


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.122 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

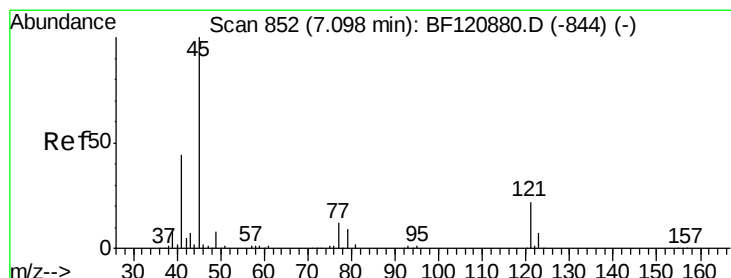
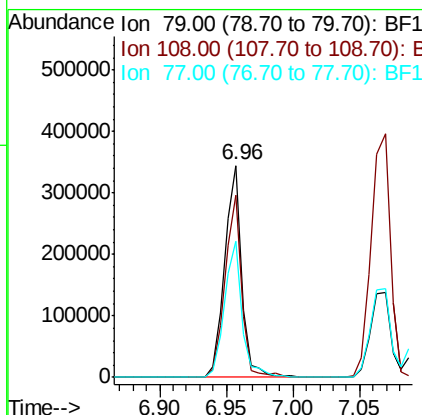
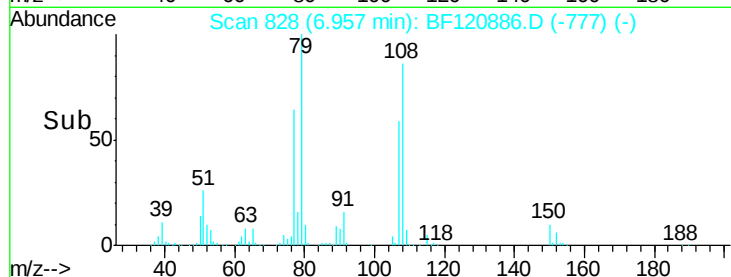
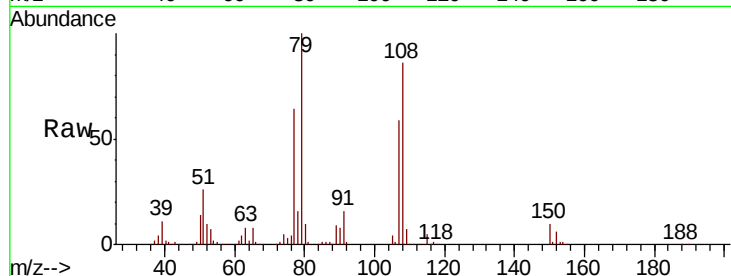
Tot Ion: 79 Resp: 313178

Ion Ratio Lower Upper

79 100

108 86.0 67.0 100.6

77 64.0 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.227 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

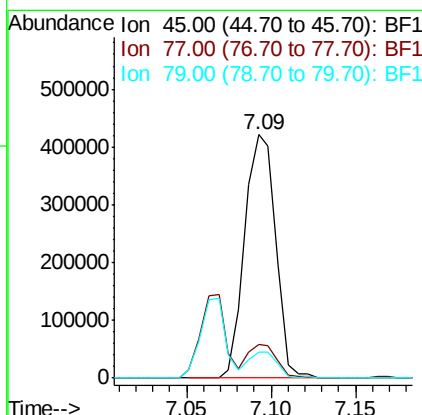
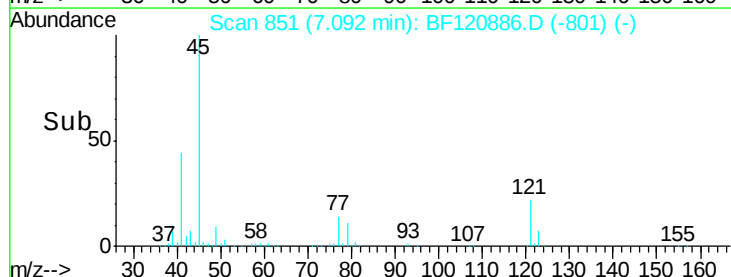
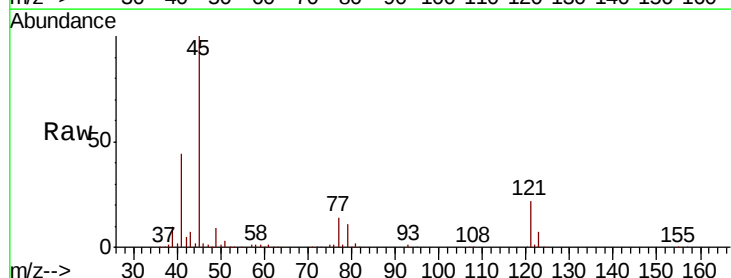
Tgt Ion: 45 Resp: 539605

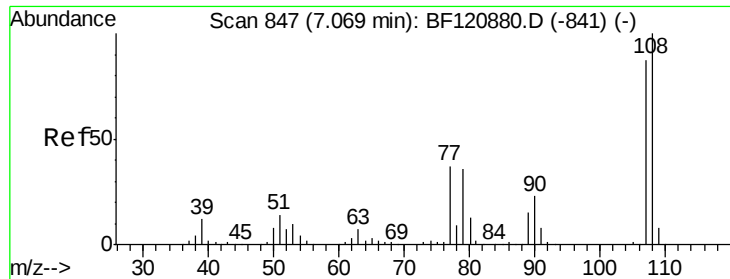
Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.3

79 10.7 0.0 31.0

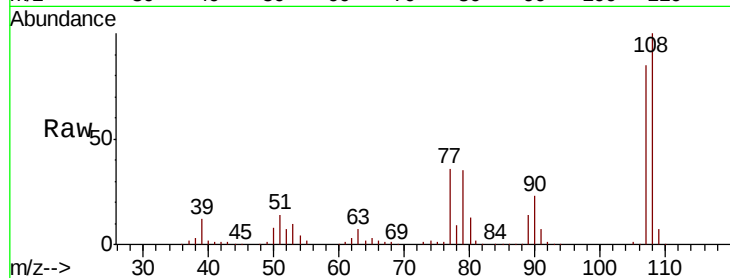




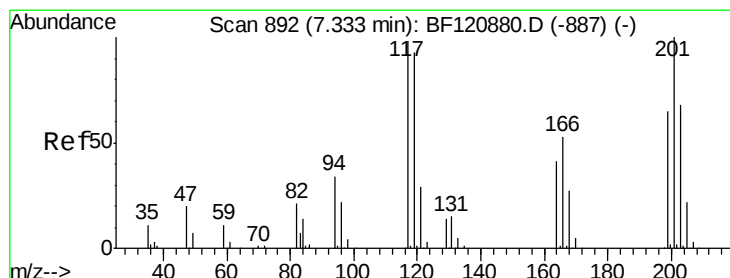
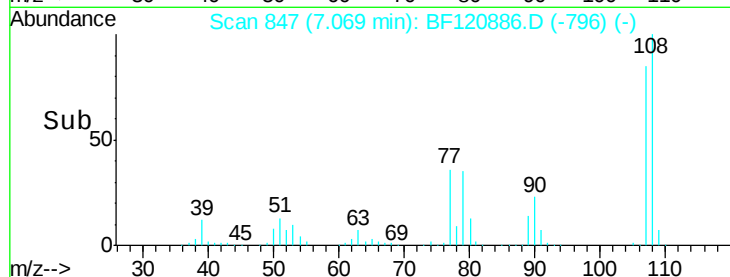
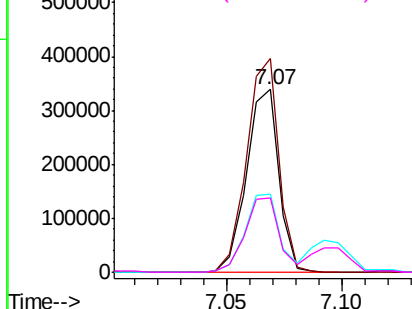
#17
2-Methylphenol
Concen: 37.751 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	331486
Ion	Ratio	Lower	Upper
107	100		
108	117.0	92.0	138.0
77	42.7	34.0	51.0
79	40.6	33.3	49.9

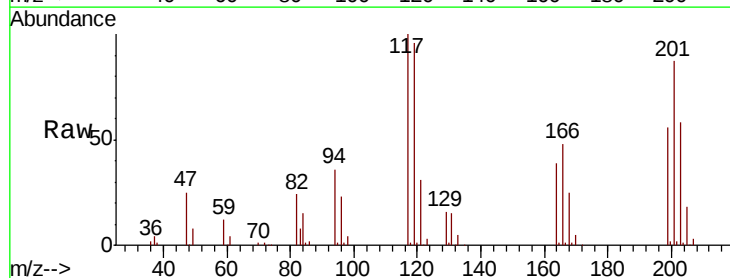


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

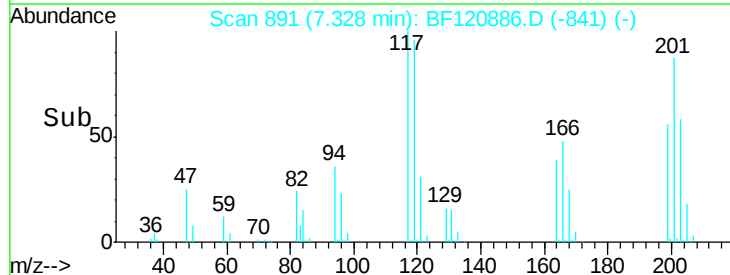
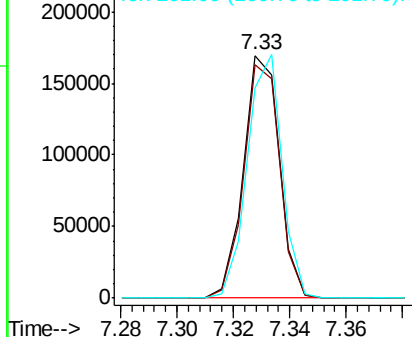


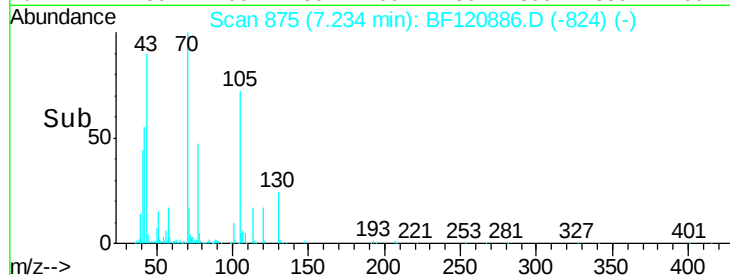
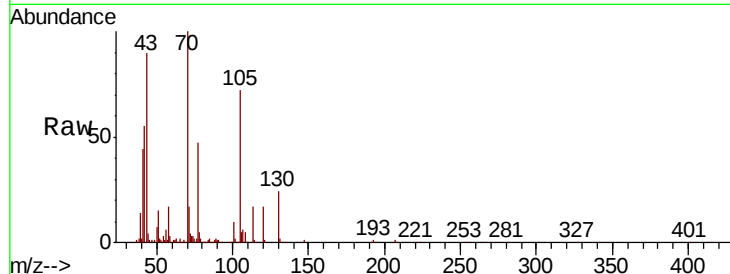
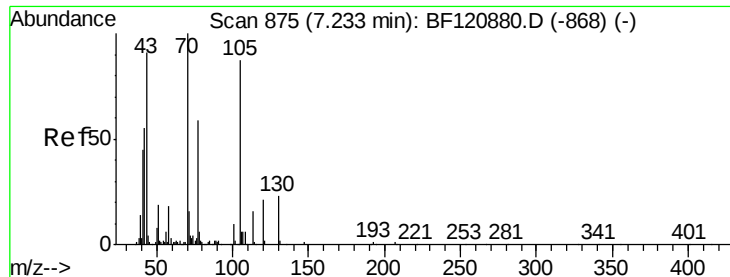
#18
Hexachloroethane
Concen: 38.664 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:	117	Resp:	149484
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
201	86.6	81.7	122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

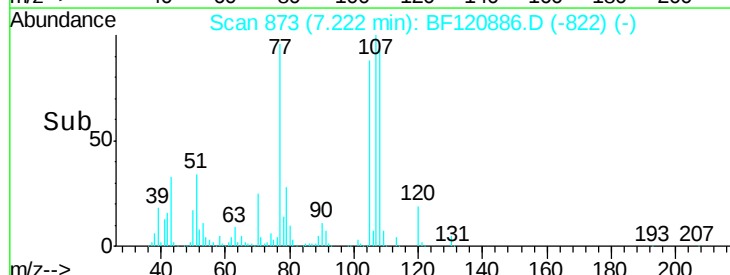
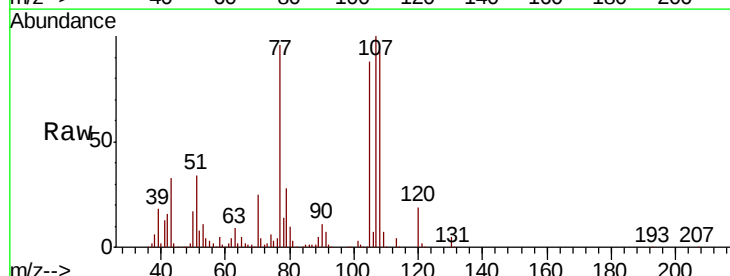
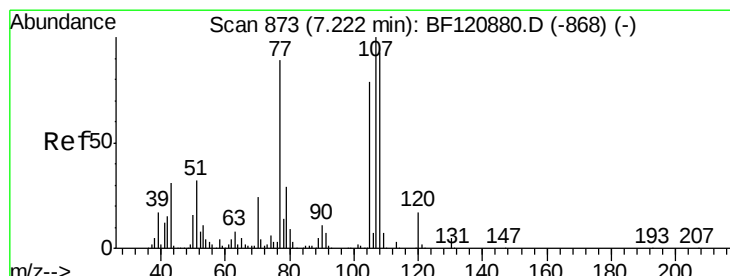
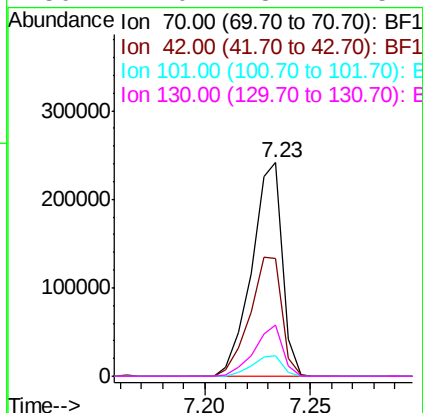




#19
n-Nitroso-di-n-propylamine
Concen: 36.656 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

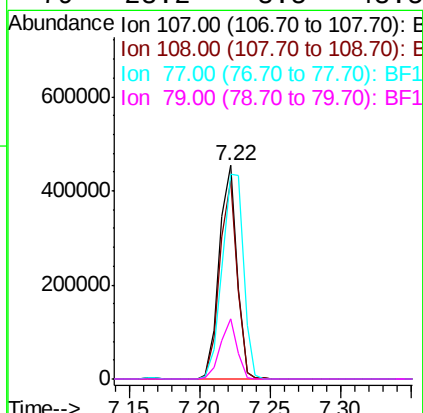
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

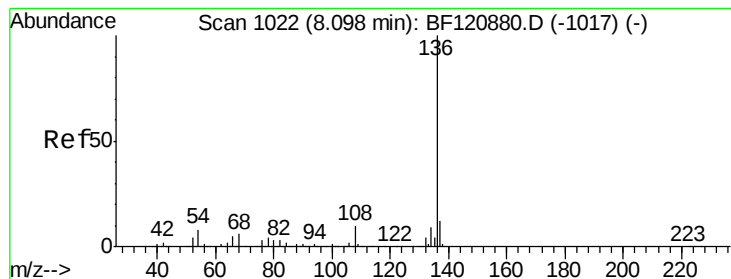
Tot Ion:	70	Resp:	242137
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.0	66.0
101	9.9	7.8	11.6
130	24.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.476 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:	107	Resp:	396263
Ion	Ratio	Lower	Upper
107	100		
108	92.7	72.8	112.8
77	95.8	68.7	108.7
79	28.2	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 543897

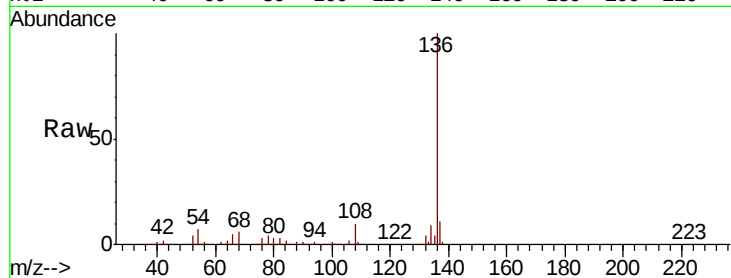
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.3 6.3 9.5

68 5.8 5.0 7.4

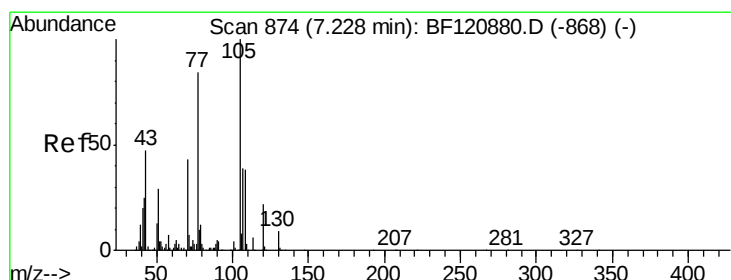
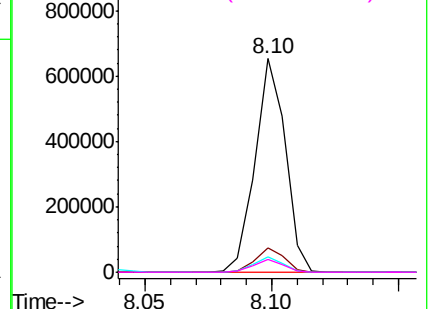
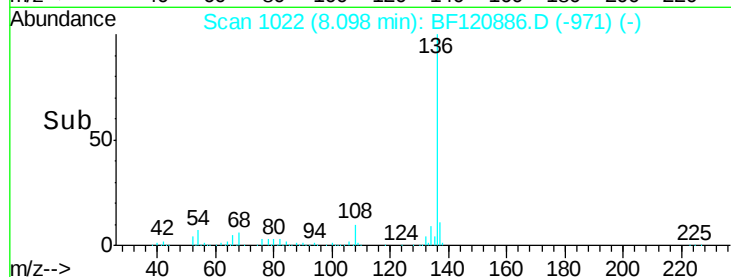


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.456 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:105 Resp: 469416

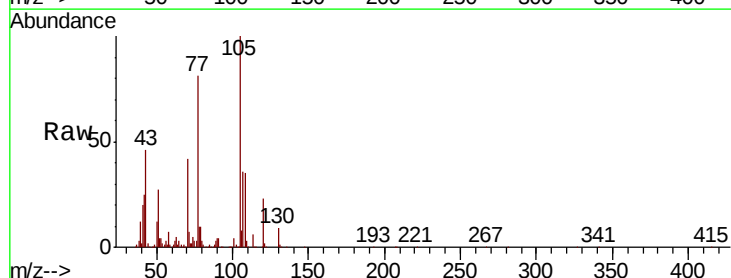
Ion Ratio Lower Upper

105 100

71 7.1 5.7 8.5

51 27.3 22.9 34.3

120 22.5 18.0 27.0

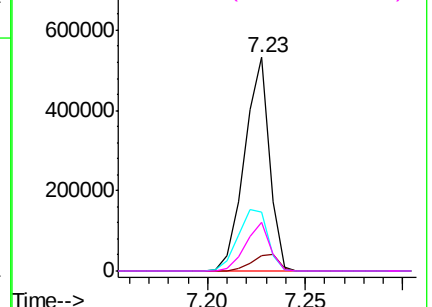
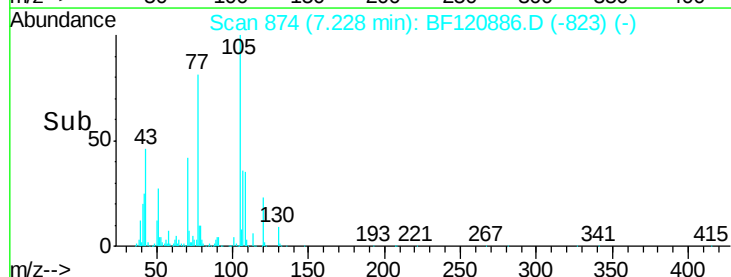


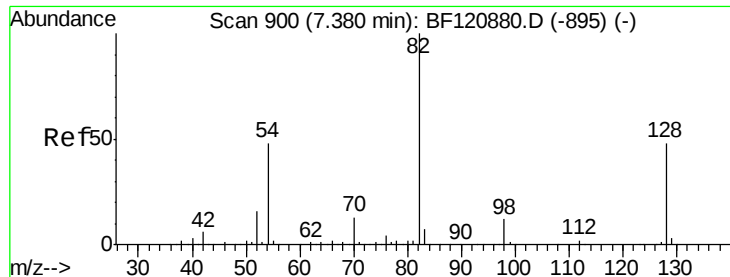
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

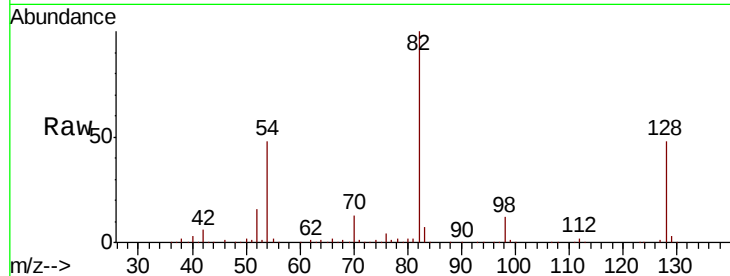




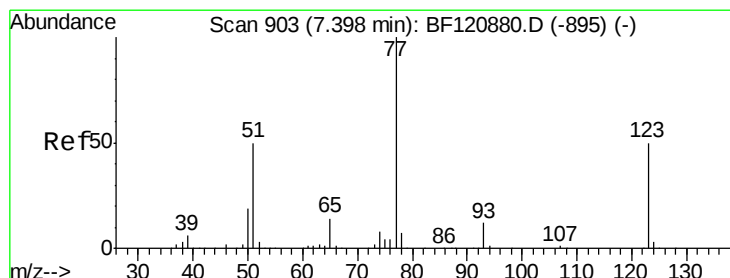
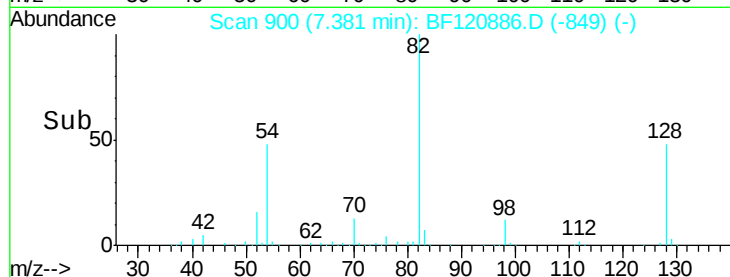
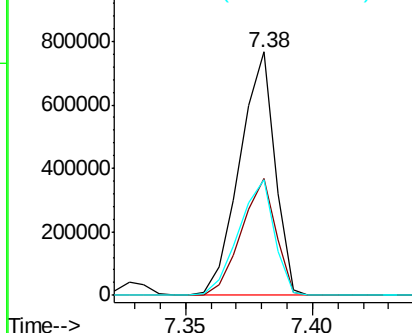
#23
 Nitrobenzene-d5
 Concen: 79.128 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	743785
Ion Ratio	100	Lower	Upper
128	47.8	38.2	57.4
54	47.5	38.7	58.1

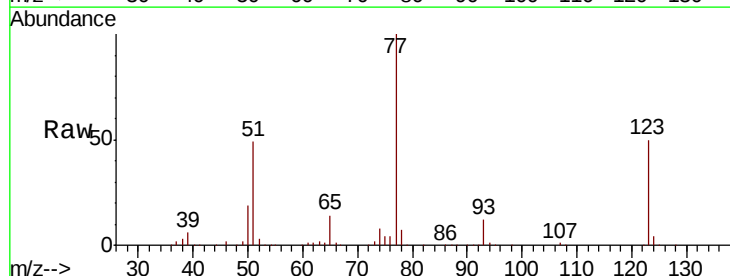


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

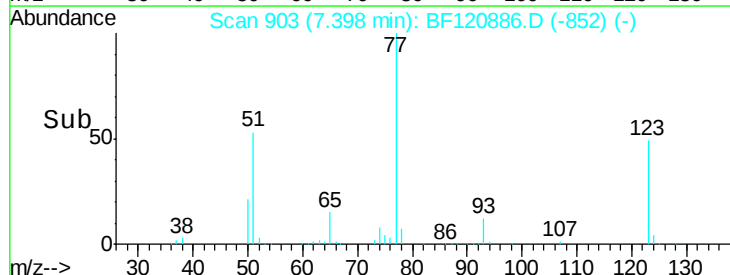
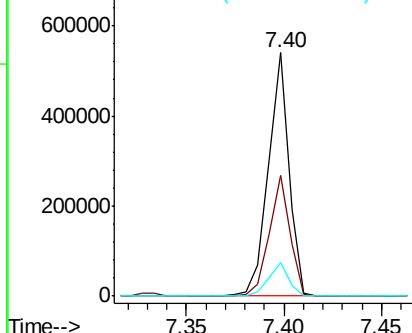


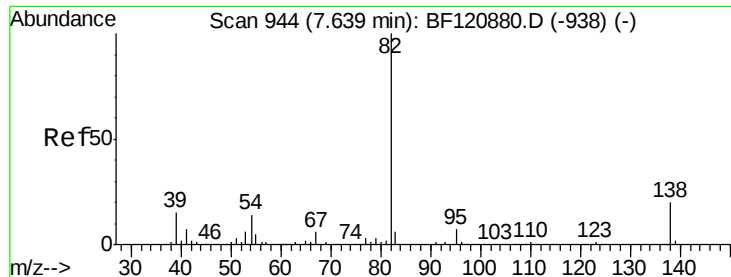
#24
 Nitrobenzene
 Concen: 39.183 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion	77	Resp	396960
Ion Ratio	100	Lower	Upper
123	49.7	40.1	60.1
65	13.8	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.989 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

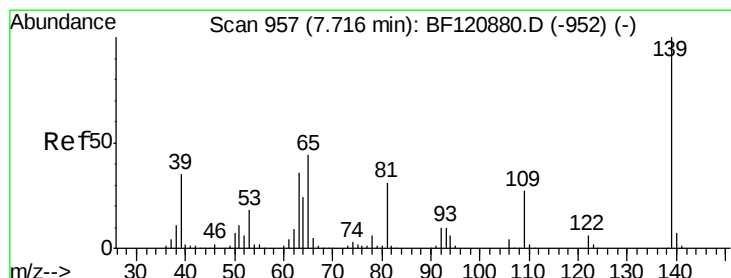
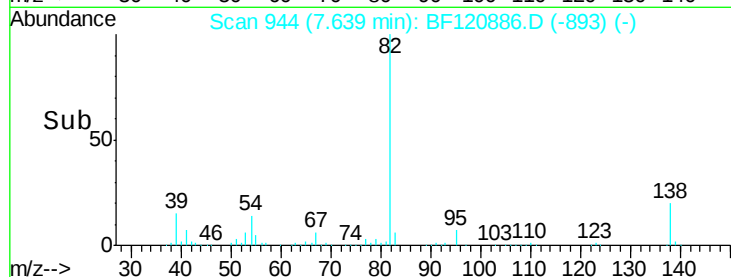
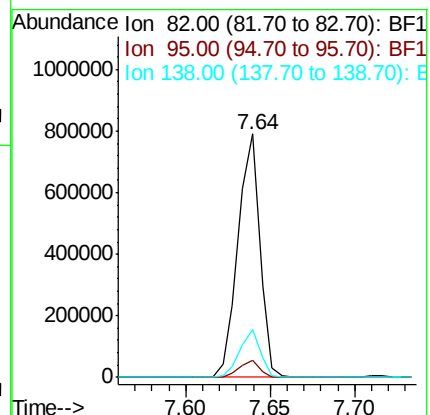
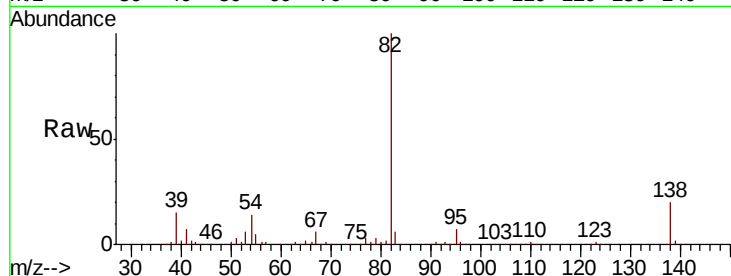
Tot Ion: 82 Resp: 712669

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.6 15.6 23.4



#26

2-Nitrophenol

Concen: 40.694 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

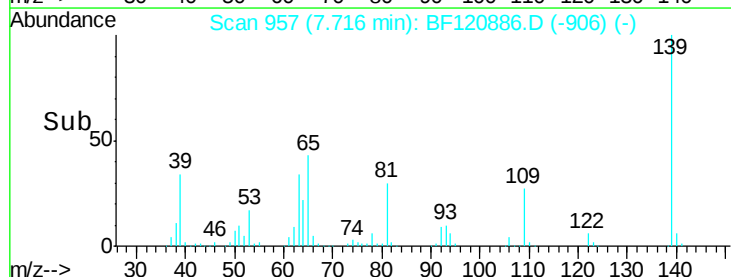
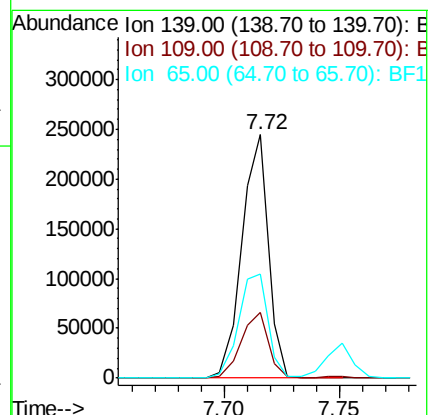
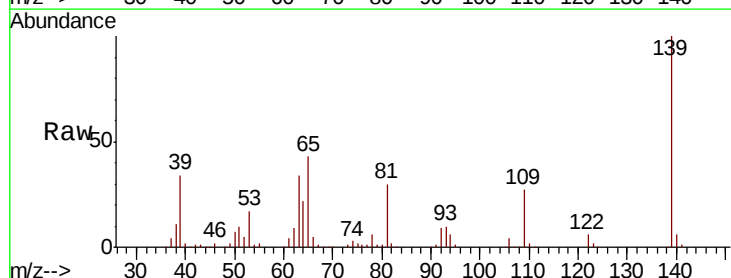
Tgt Ion: 139 Resp: 195802

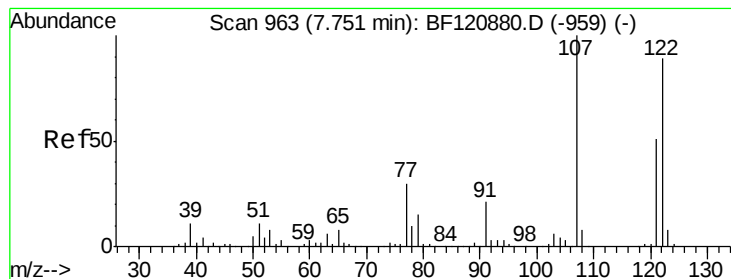
Ion Ratio Lower Upper

139 100

109 27.0 21.6 32.4

65 42.6 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 38.814 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

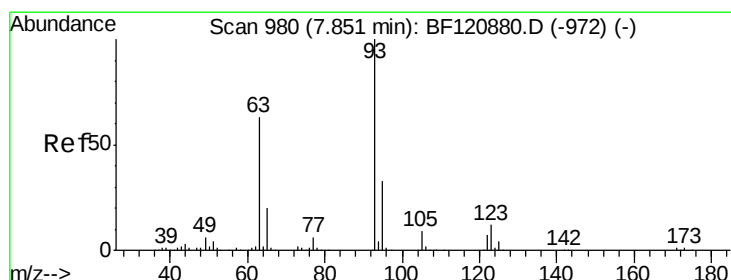
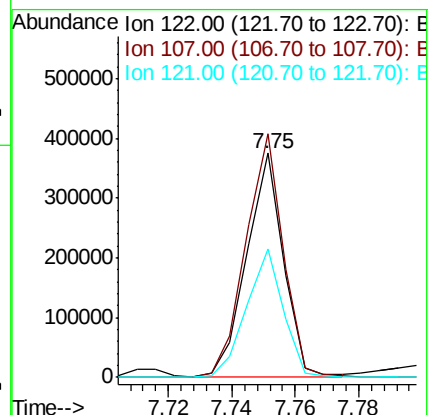
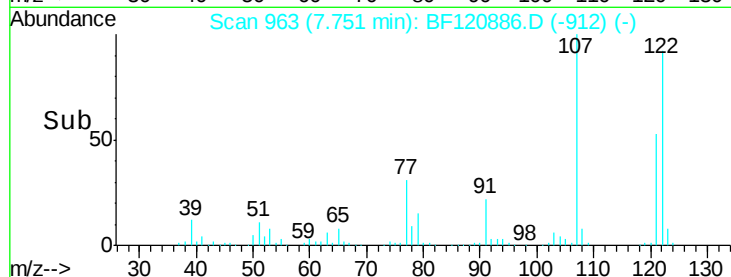
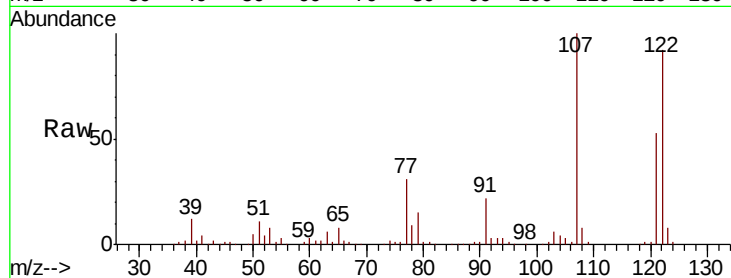
Tot Ion:122 Resp: 303222

Ion Ratio Lower Upper

122 100

107 108.8 89.4 134.0

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.426 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

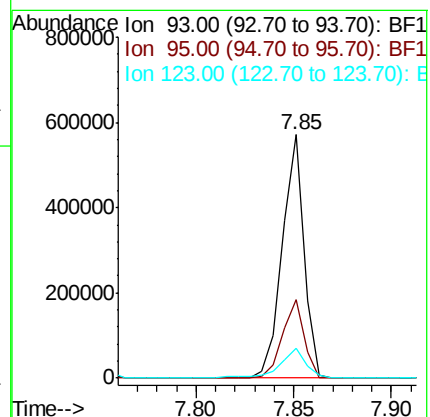
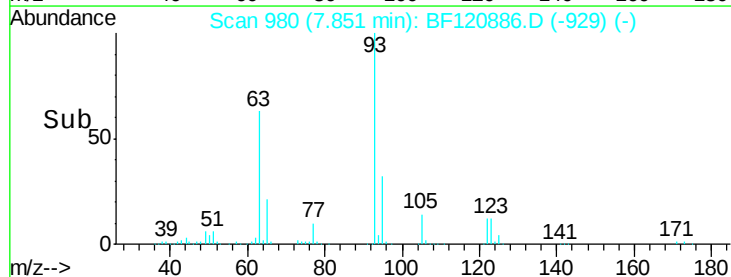
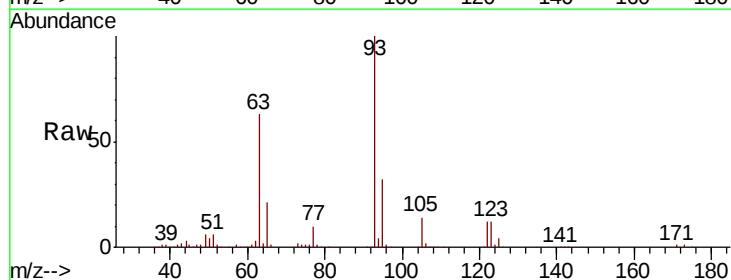
Tgt Ion: 93 Resp: 440032

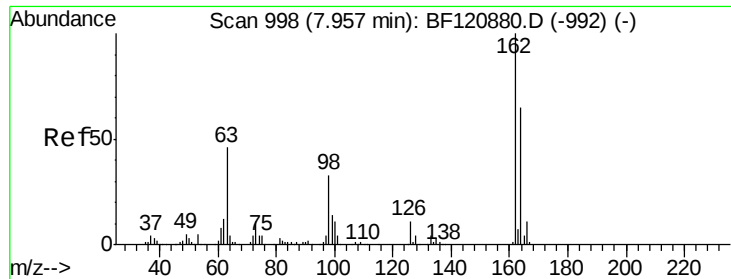
Ion Ratio Lower Upper

93 100

95 32.2 26.6 39.8

123 12.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 39.251 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

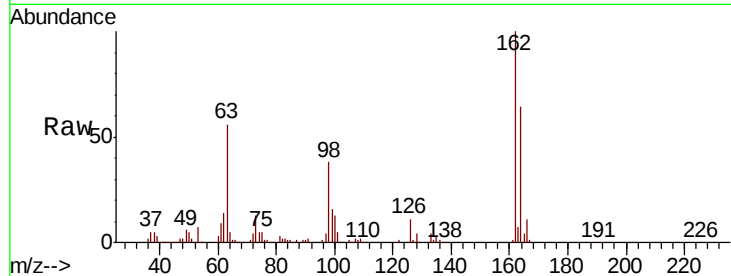
Tot Ion:162 Resp: 313334

Ion Ratio Lower Upper

162 100

164 64.2 45.3 85.3

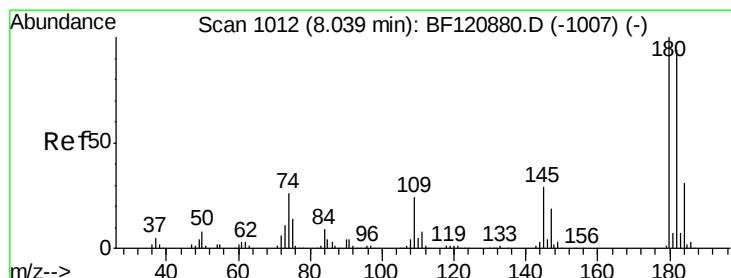
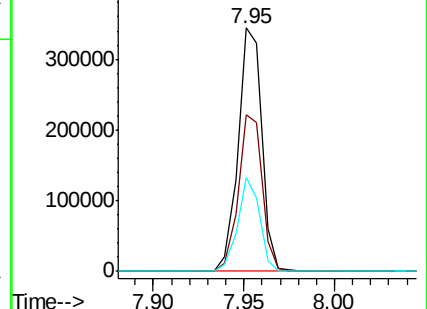
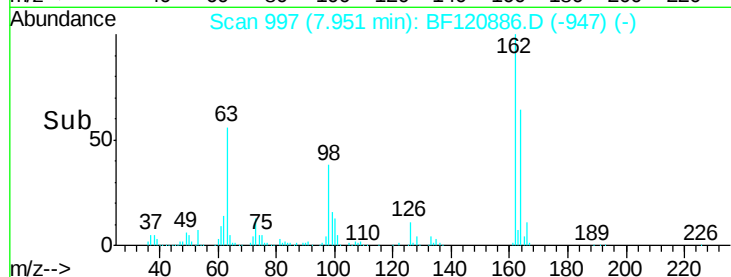
98 38.4 13.3 53.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.268 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

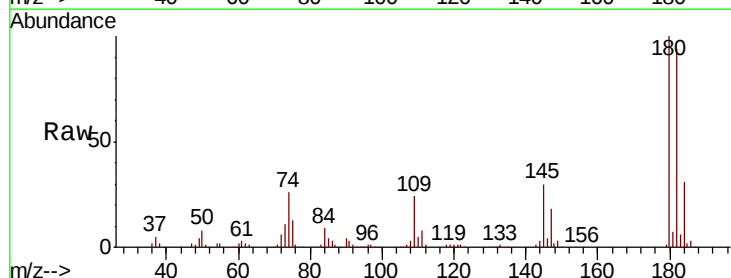
Tgt Ion:180 Resp: 347786

Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

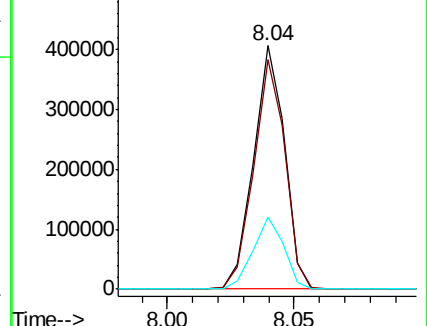
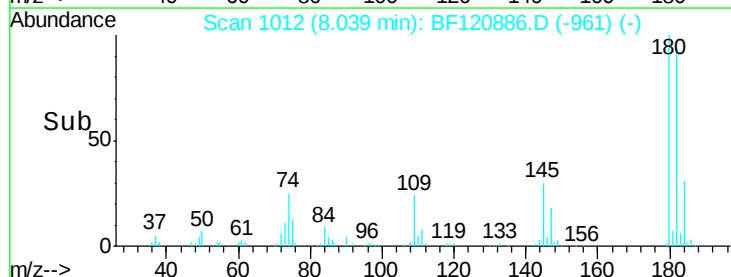
145 29.8 23.5 35.3

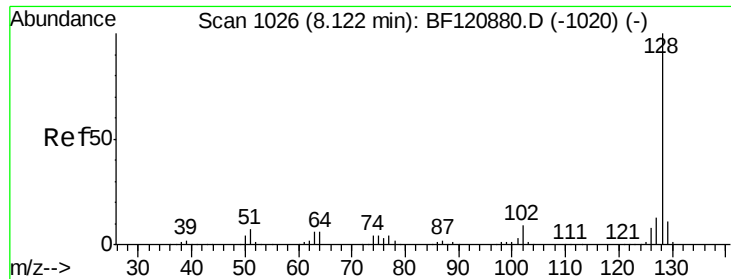


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

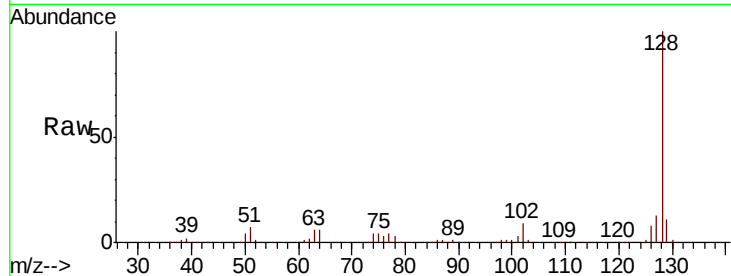




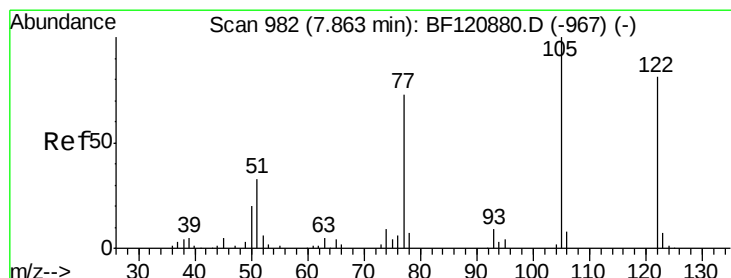
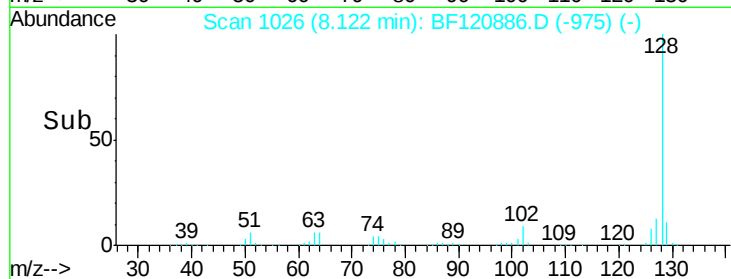
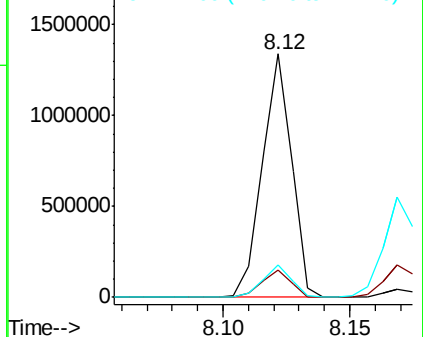
#31
Naphthalene
Concen: 38.968 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1087186
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 10.7 16.1

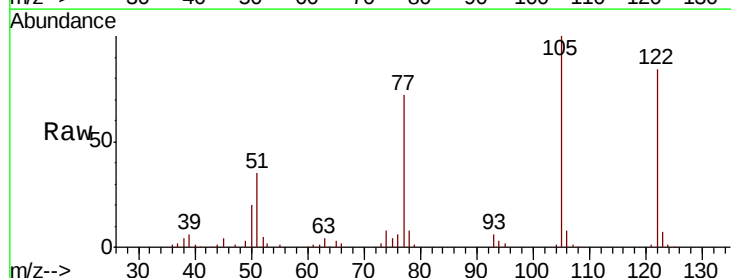


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

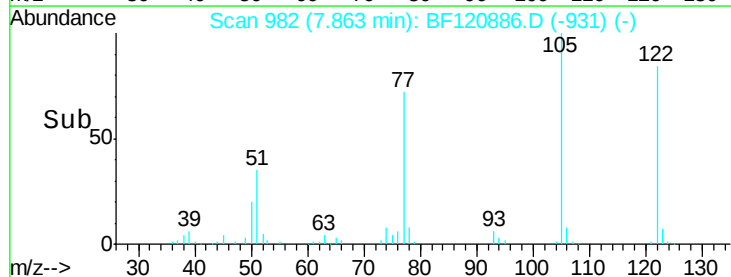
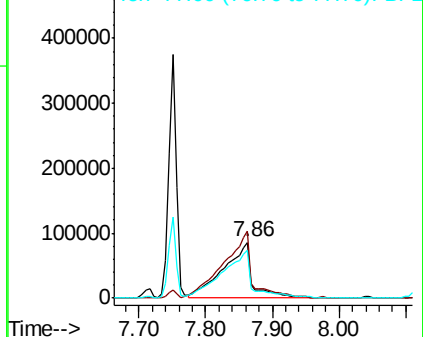


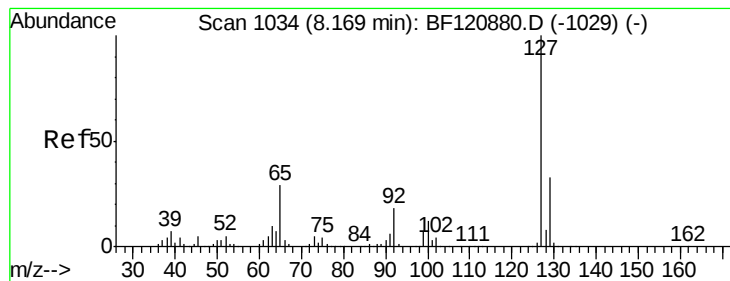
#32
Benzoic acid
Concen: 44.414 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:122 Resp: 260458
Ion Ratio Lower Upper
122 100
105 119.6 101.3 141.3
77 86.5 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.382 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 477687

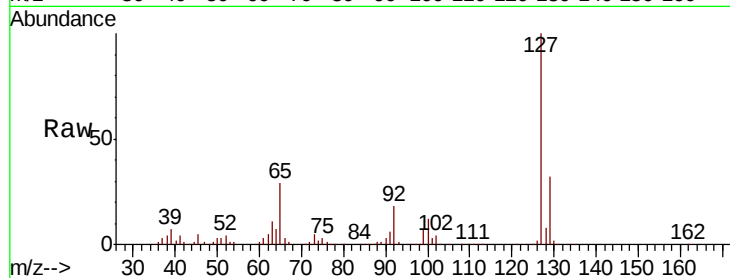
Ion Ratio Lower Upper

127 100

129 32.0 26.5 39.7

65 28.6 23.0 34.4

92 17.5 14.5 21.7

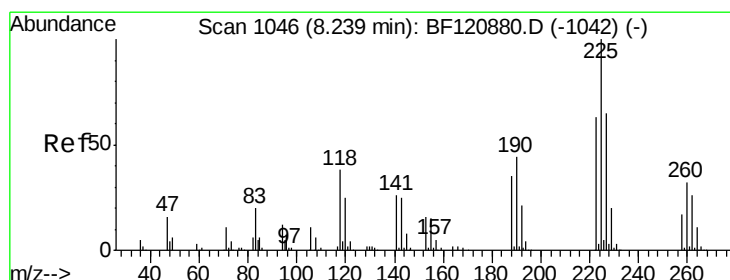
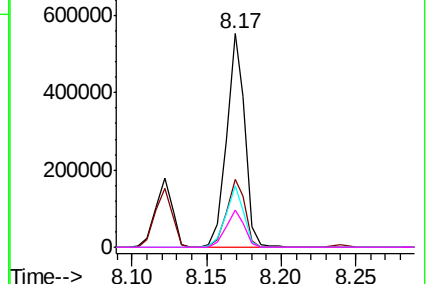
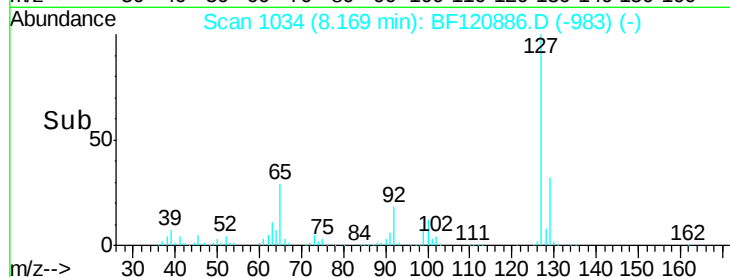


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.275 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

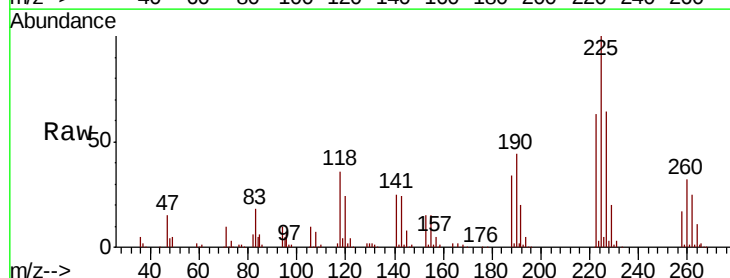
Tgt Ion:225 Resp: 205057

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

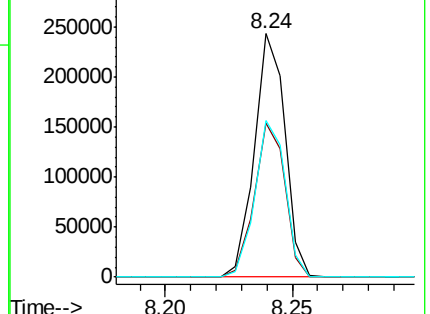
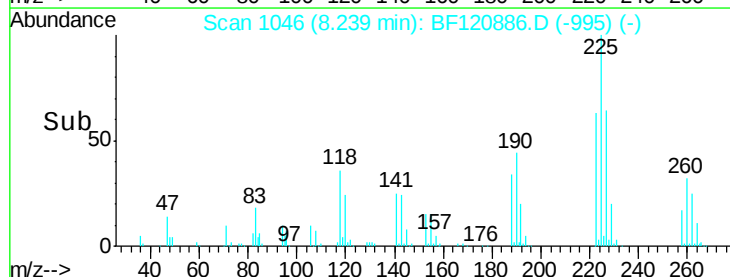
227 64.4 52.2 78.2

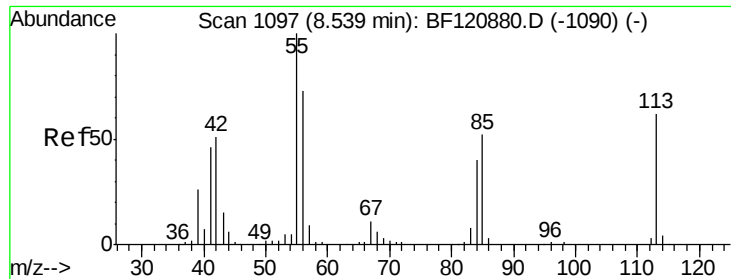


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

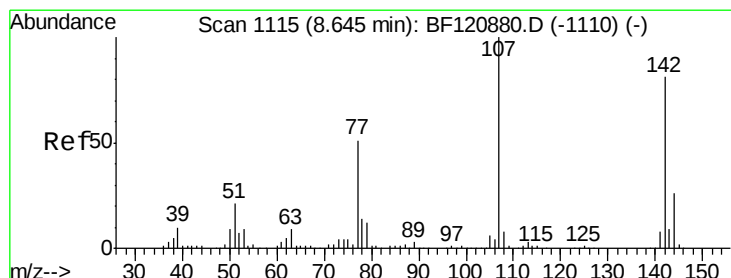
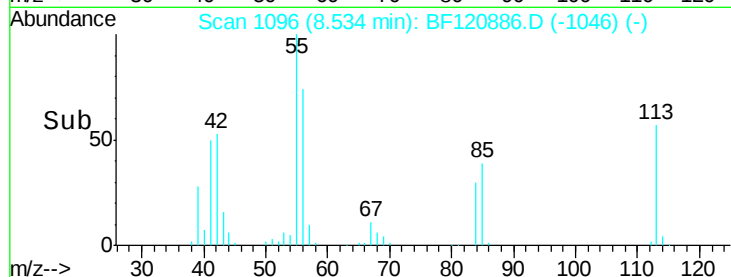
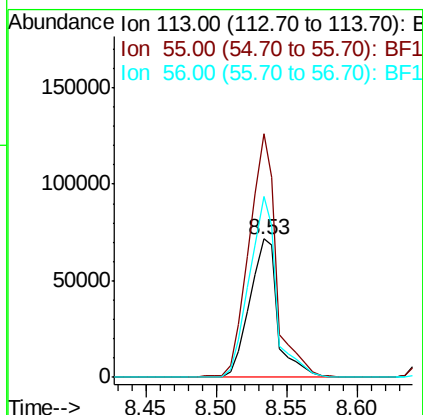
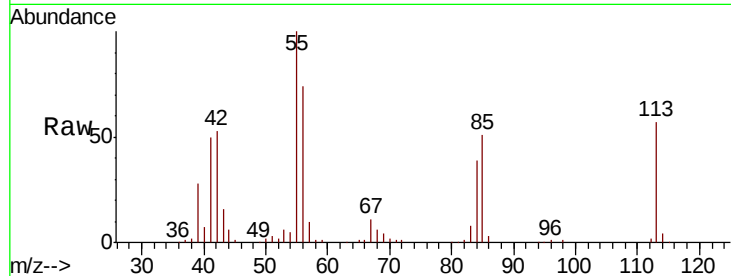




#35
Caprolactam
Concen: 39.341 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

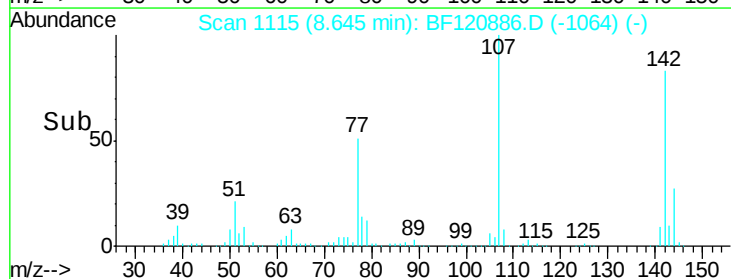
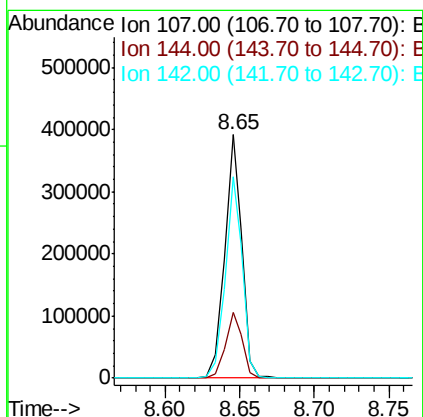
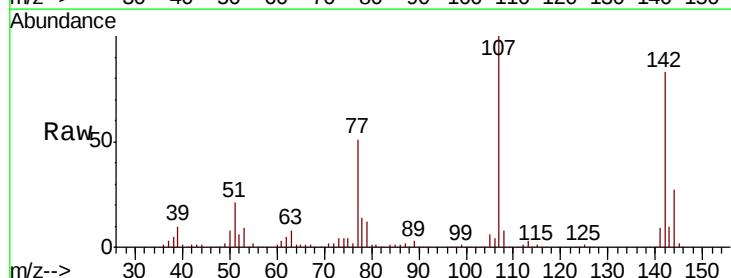
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

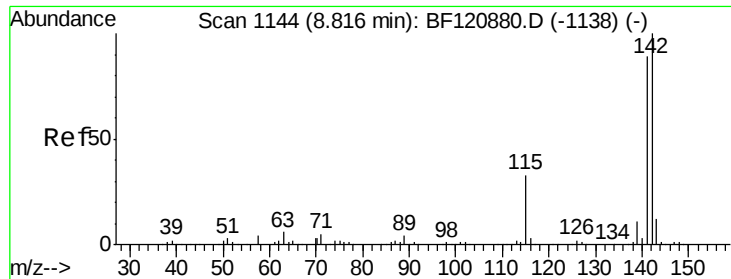
Tot Ion:113 Resp: 100712
Ion Ratio Lower Upper
113 100
55 175.7 143.3 183.3
56 130.4 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 38.895 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:107 Resp: 318437
Ion Ratio Lower Upper
107 100
144 26.8 21.0 31.6
142 82.6 65.0 97.6

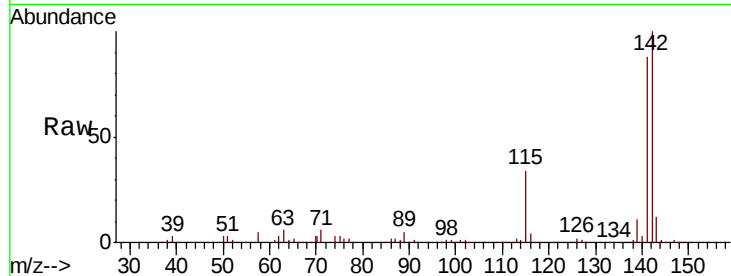




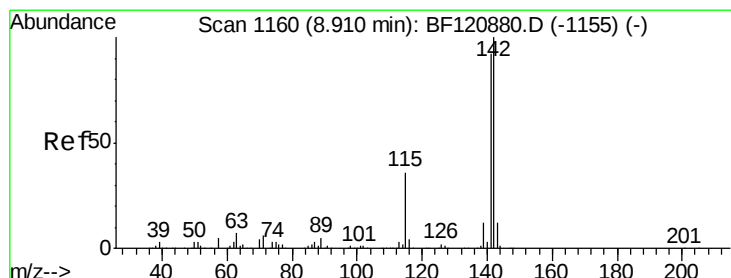
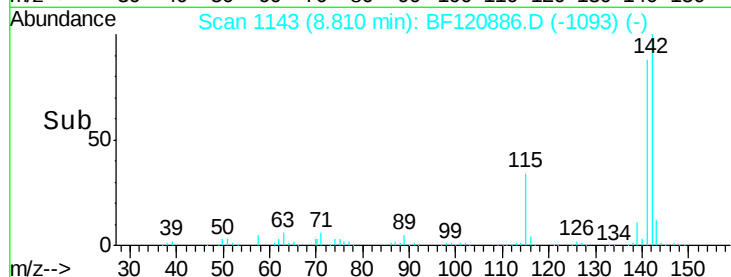
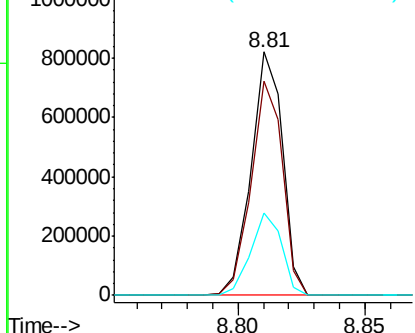
#37
2-Methylnaphthalene
Concen: 39.275 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 711482
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.4
115 33.7 26.0 39.0

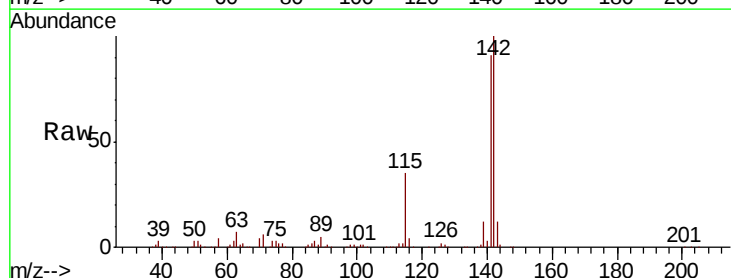


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

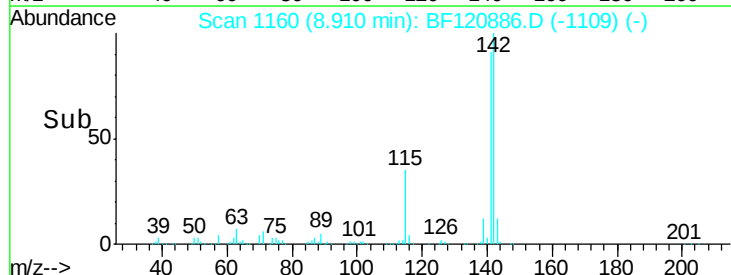
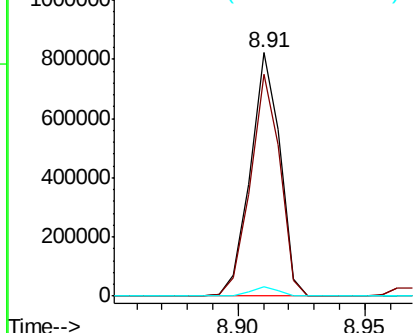


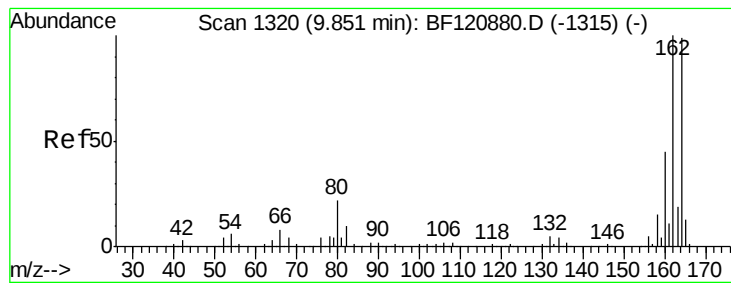
#38
1-Methylnaphthalene
Concen: 39.105 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:142 Resp: 670914
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5
116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

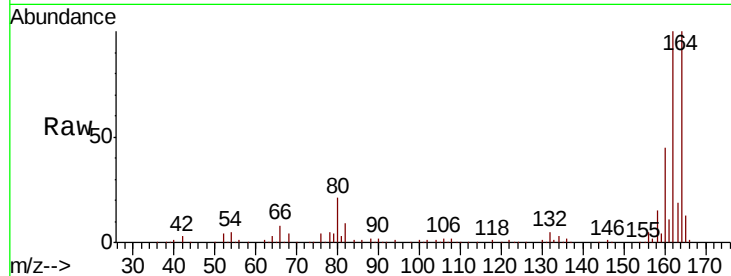
Tot Ion:164 Resp: 281371

Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

160 45.1 36.9 55.3

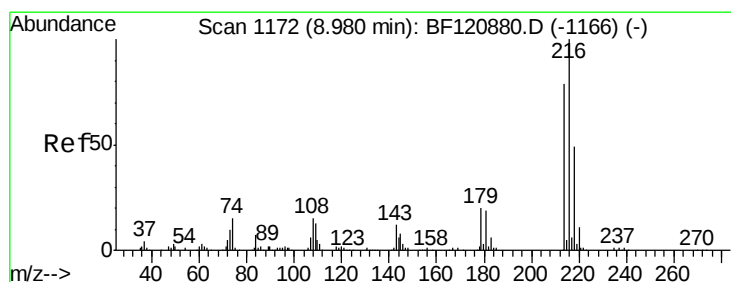
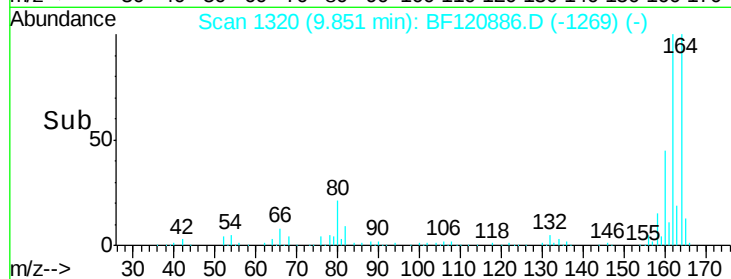
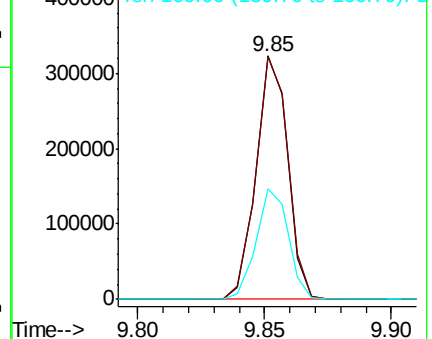


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.701 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:216 Resp: 325468

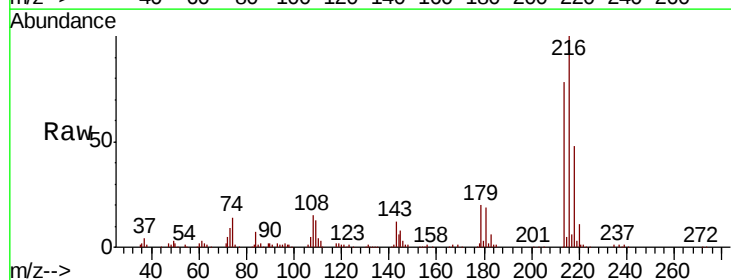
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 20.6 16.6 24.8

108 19.1 15.4 23.0



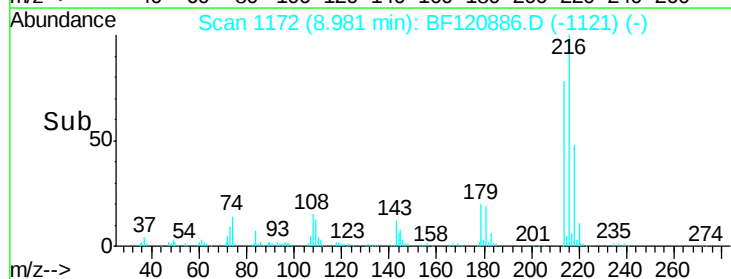
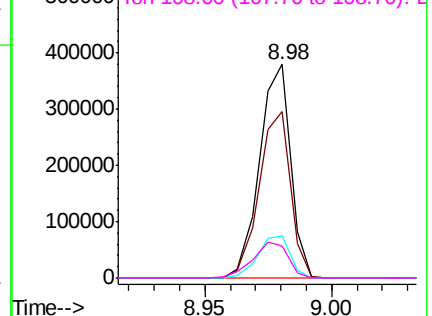
Abundance

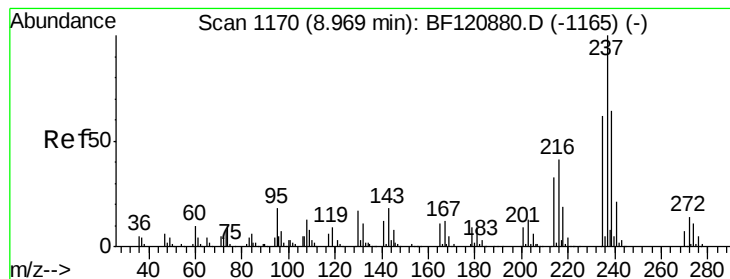
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.873 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

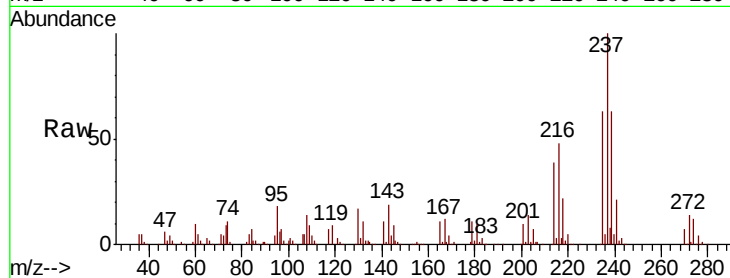
Tot Ion:237 Resp: 180657

Ion Ratio Lower Upper

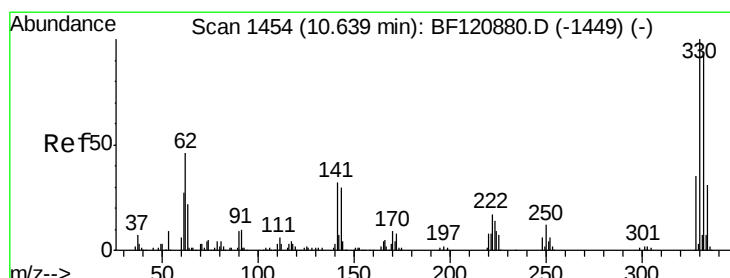
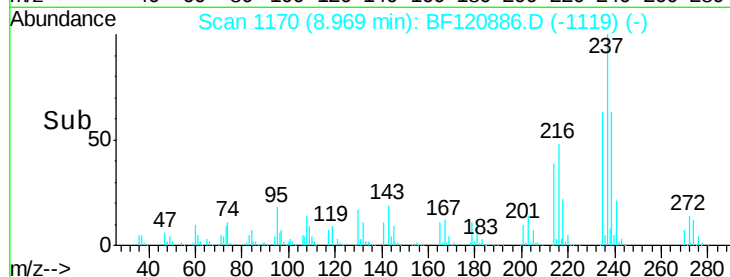
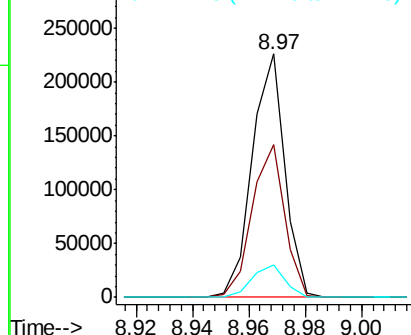
237 100

235 62.5 41.6 81.6

272 13.5 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.566 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

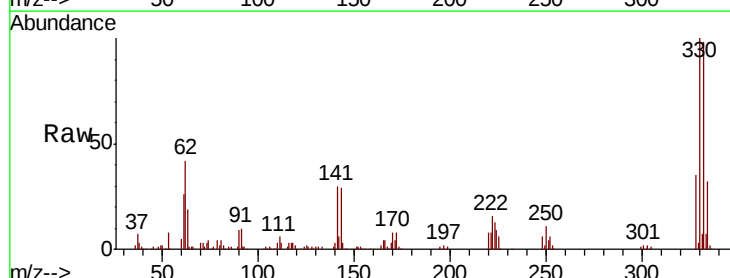
Tgt Ion:330 Resp: 248135

Ion Ratio Lower Upper

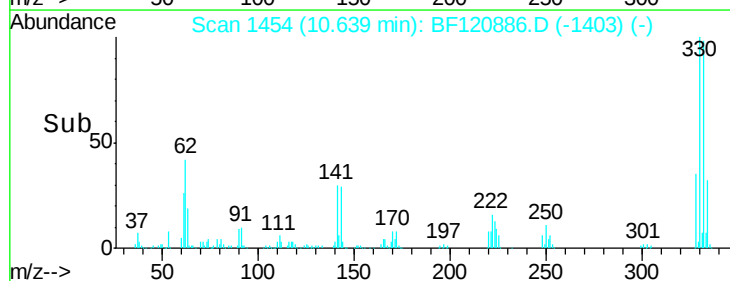
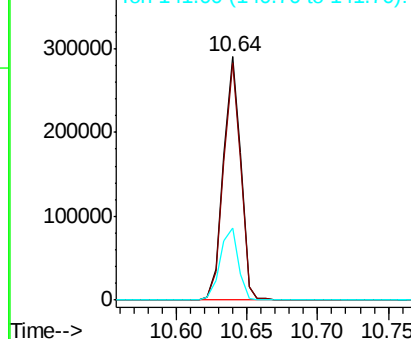
330 100

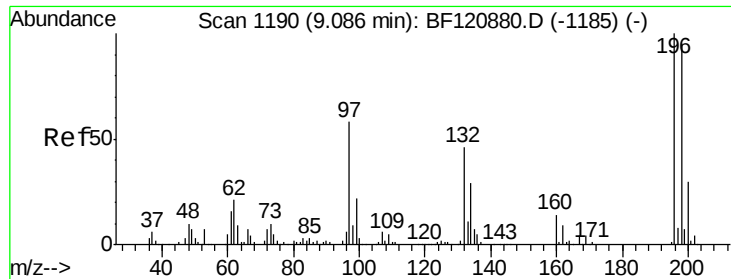
332 96.4 75.5 113.3

141 31.0 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

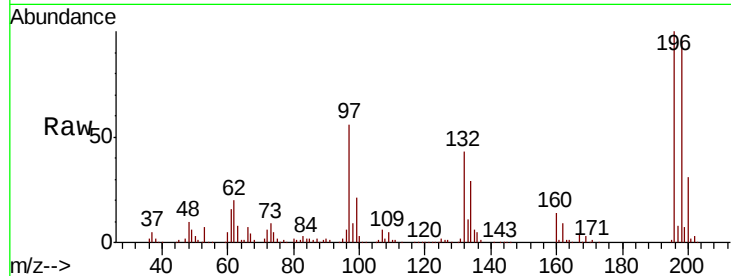




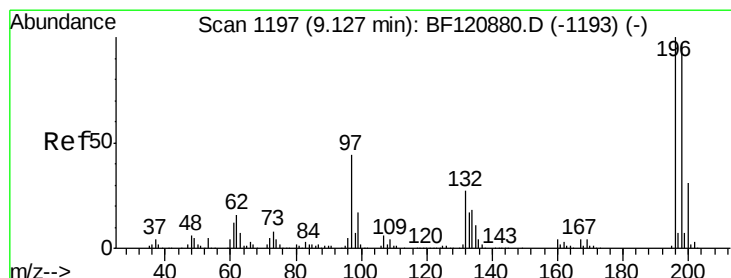
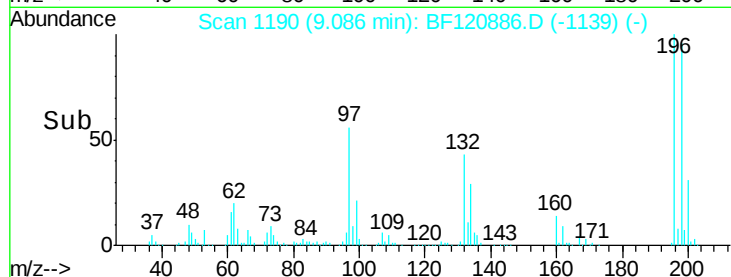
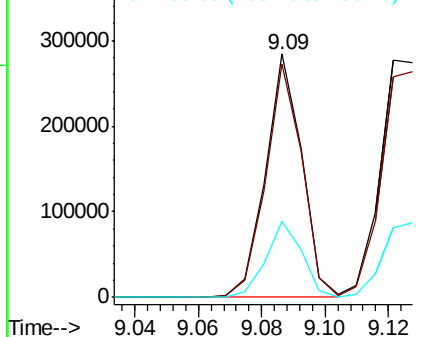
#43
 2,4,6-Trichlorophenol
 Concen: 39.119 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:196 Resp: 225796
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.9 24.4 36.6

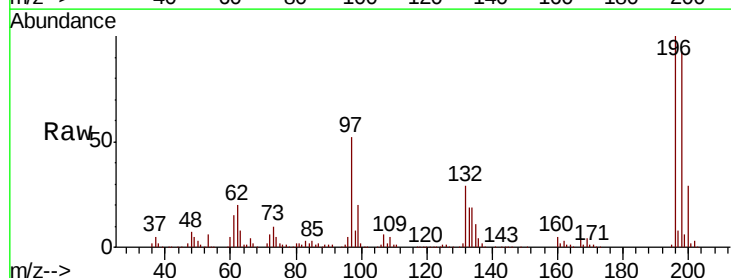


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

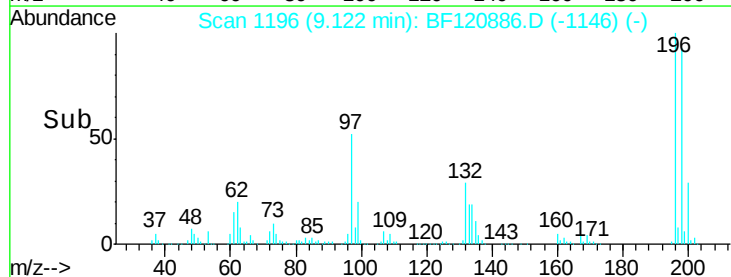
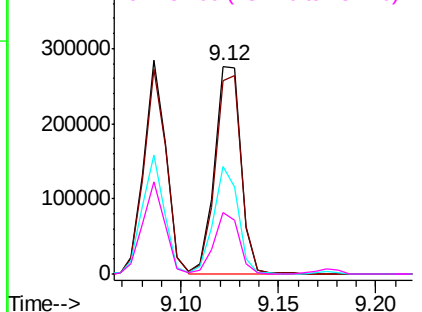


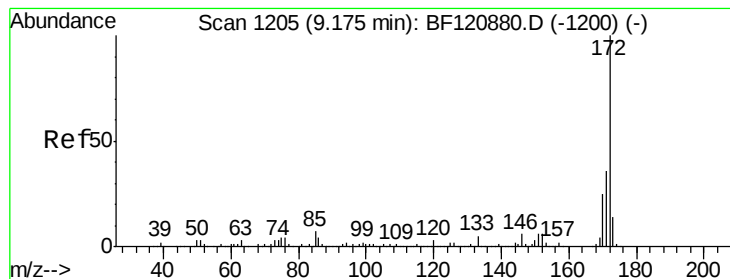
#44
 2,4,5-Trichlorophenol
 Concen: 39.616 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:196 Resp: 259383
 Ion Ratio Lower Upper
 196 100
 198 93.2 77.6 116.4
 97 51.8 35.6 53.4
 132 29.4 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 70.183 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

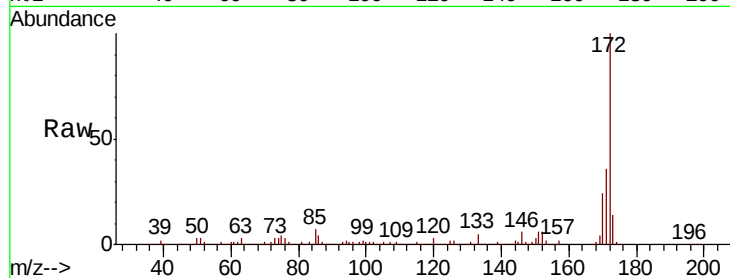
Tot Ion:172 Resp: 1322628

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

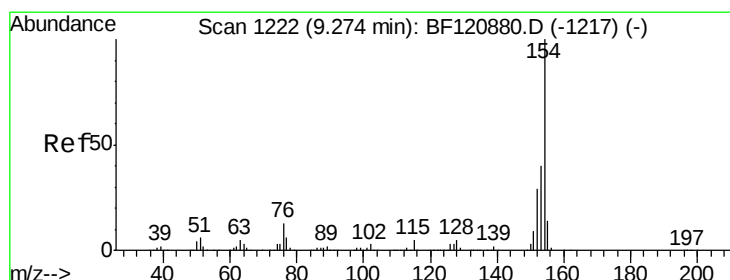
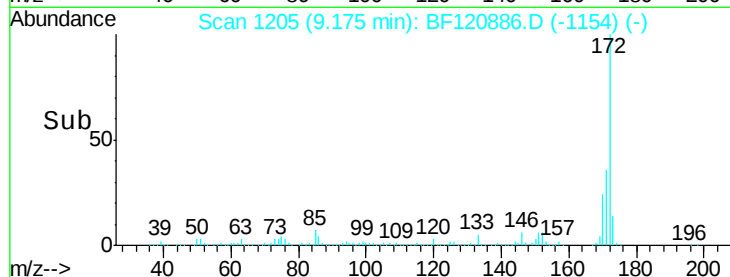
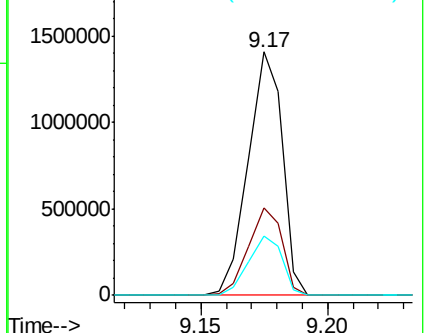
170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.828 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

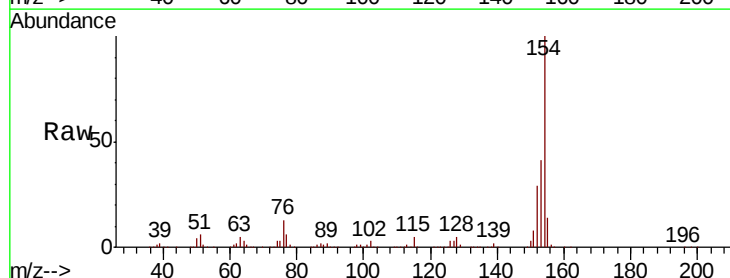
Tgt Ion:154 Resp: 833367

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

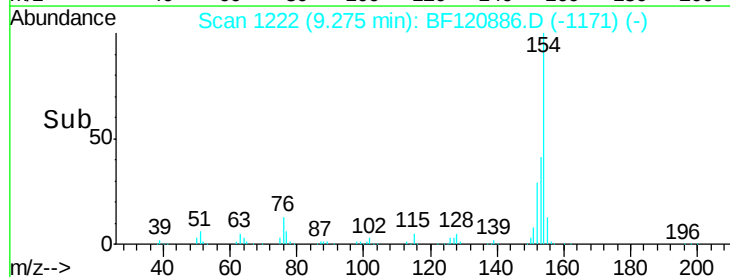
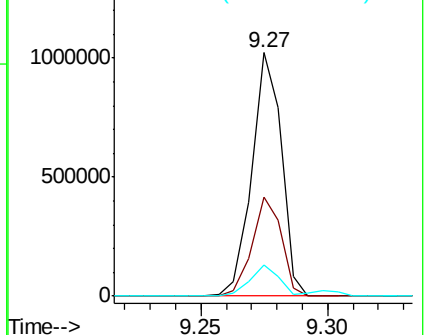
76 12.9 0.0 33.1

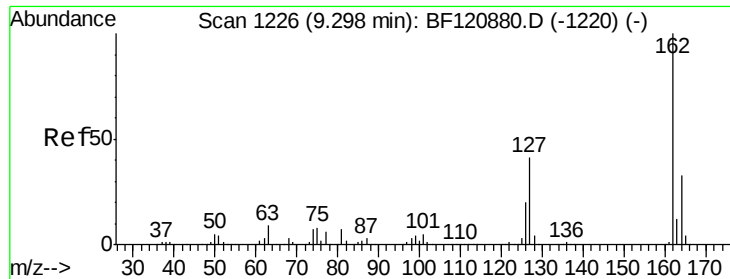


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

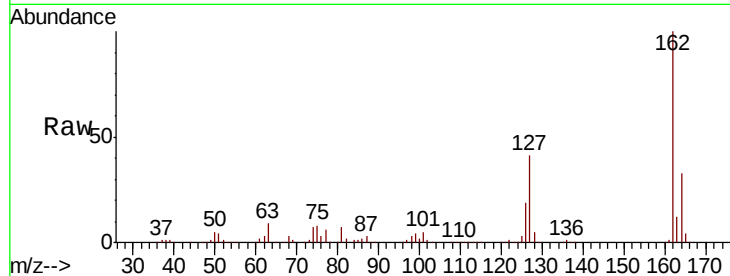




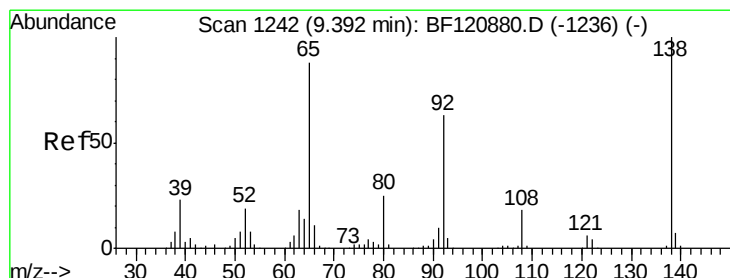
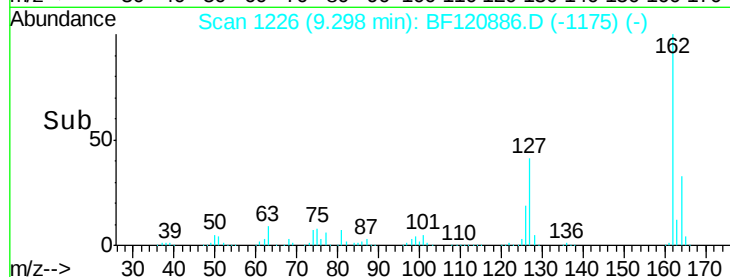
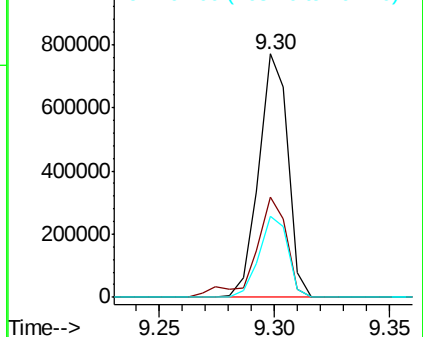
#47
2-Chloronaphthalene
Concen: 38.678 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 676821
Ion Ratio Lower Upper
162 100
127 41.4 33.3 49.9
164 33.1 26.6 39.8

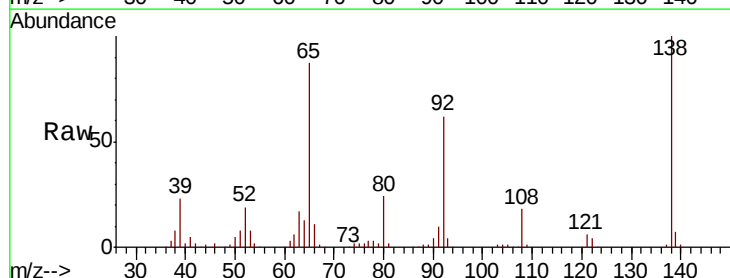


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

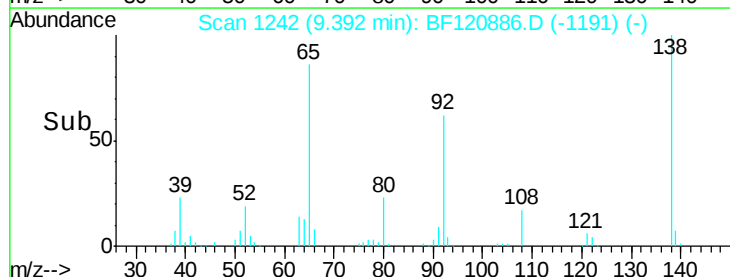
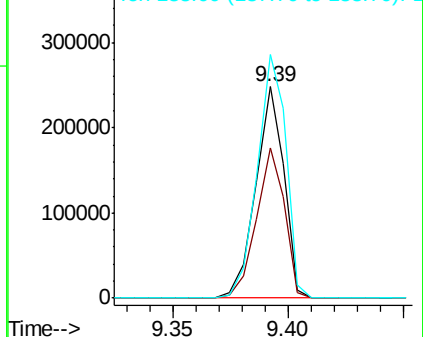


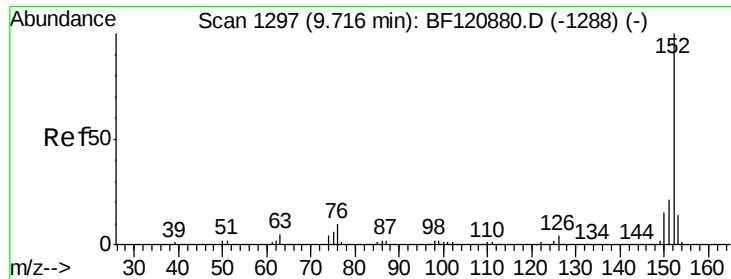
#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion: 65 Resp: 210777
Ion Ratio Lower Upper
65 100
92 71.0 57.0 85.4
138 115.4 90.4 135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.738 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

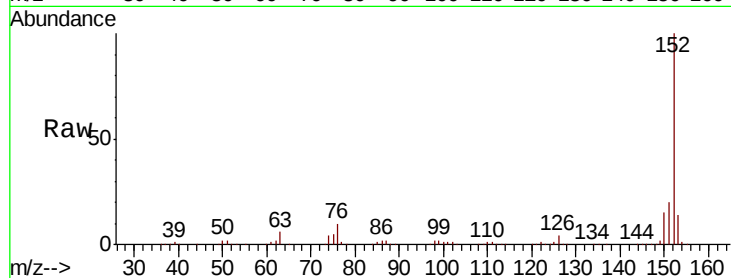
Tot Ion:152 Resp: 1053086

Ion Ratio Lower Upper

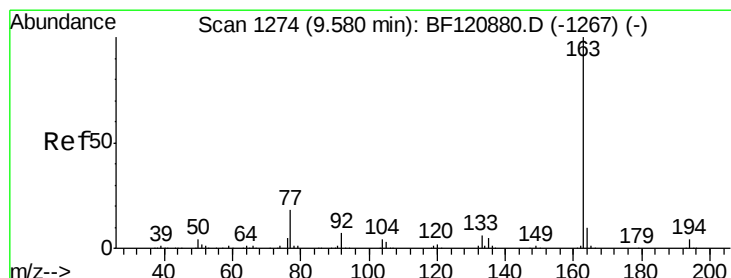
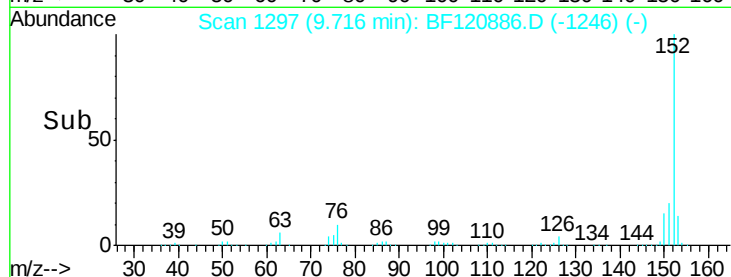
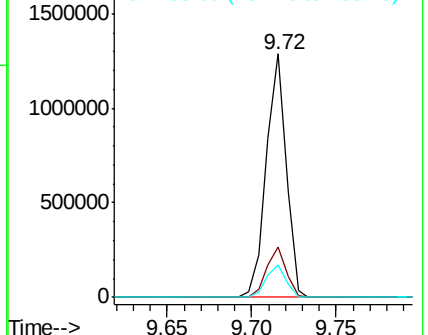
152 100

151 20.5 16.6 25.0

153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.568 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

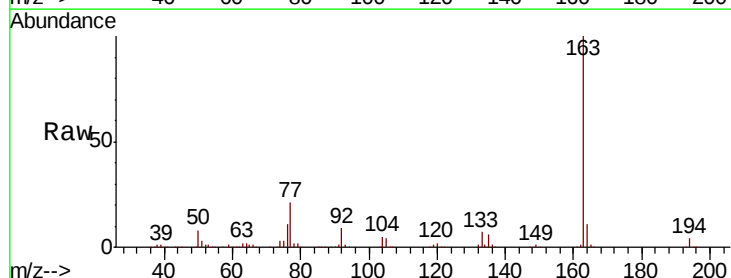
Tgt Ion:163 Resp: 782905

Ion Ratio Lower Upper

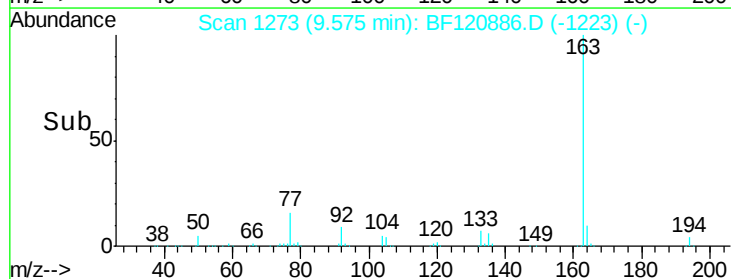
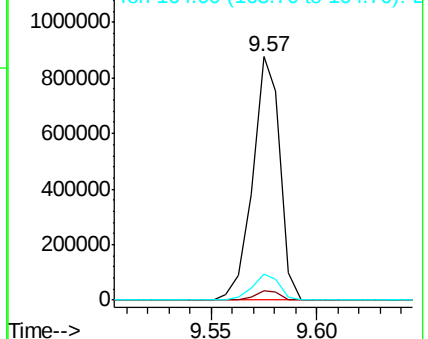
163 100

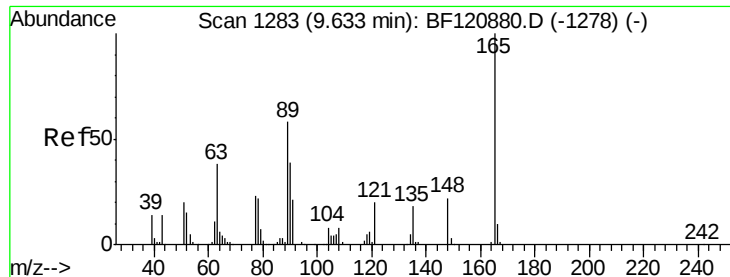
194 3.6 3.2 4.8

164 10.6 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.233 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

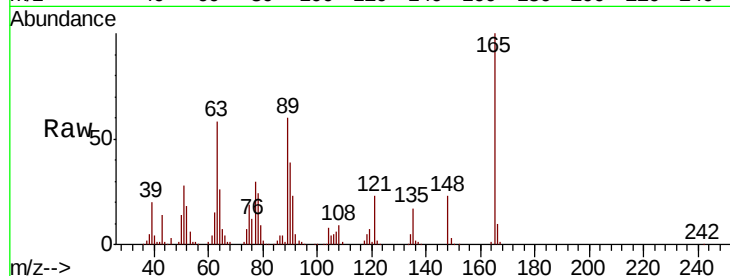
Tot Ion:165 Resp: 175461

Ion Ratio Lower Upper

165 100

63 58.0 45.4 68.2

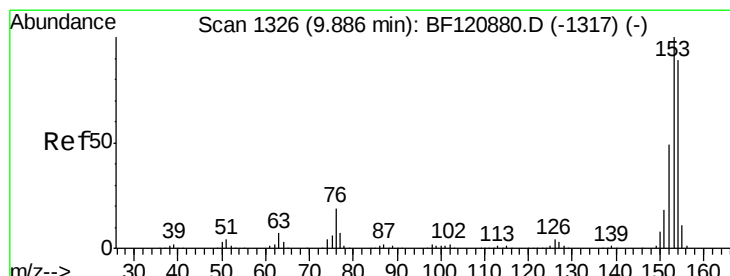
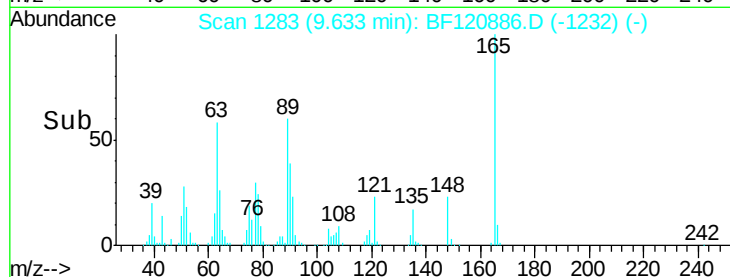
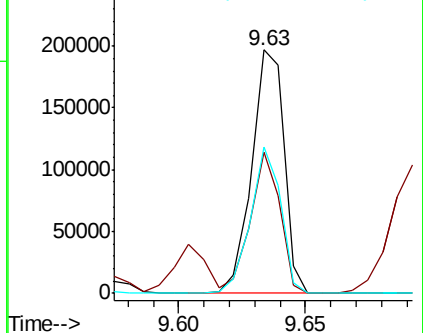
89 60.1 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.407 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

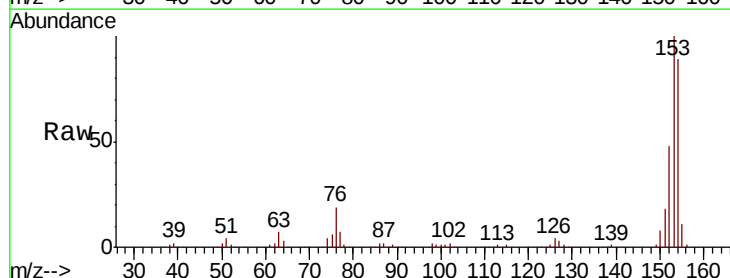
Tgt Ion:154 Resp: 681088

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

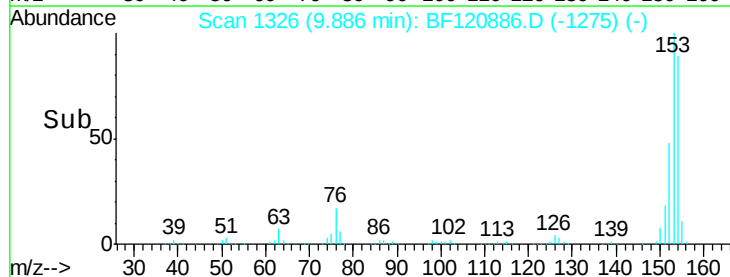
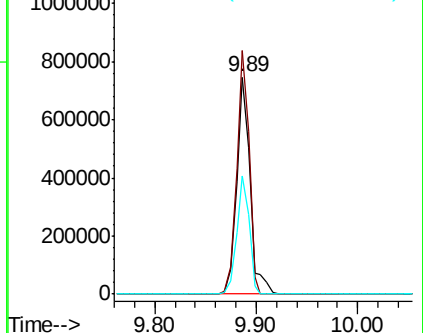
152 54.2 44.2 66.2

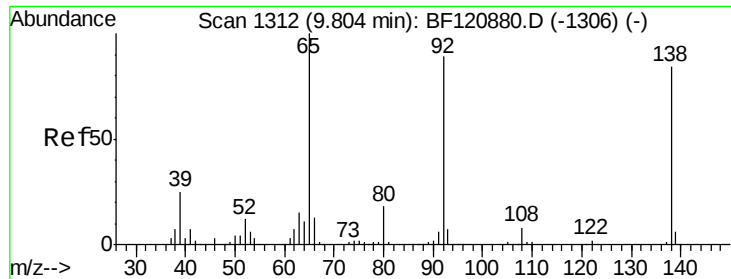


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

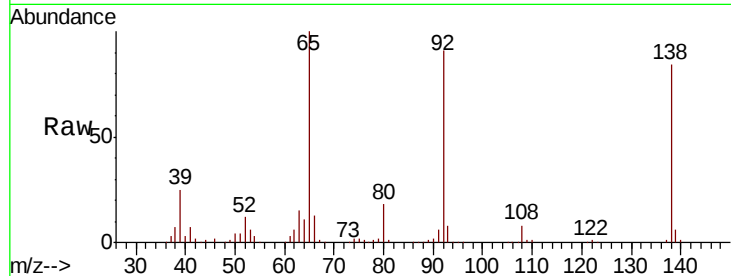




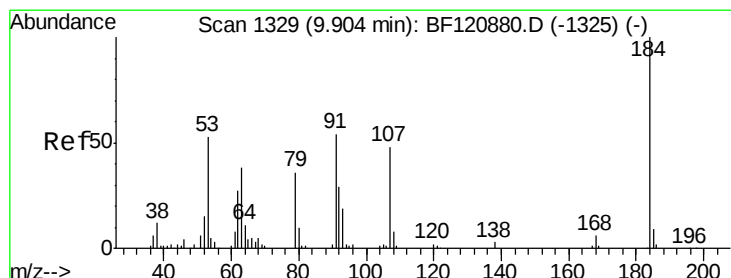
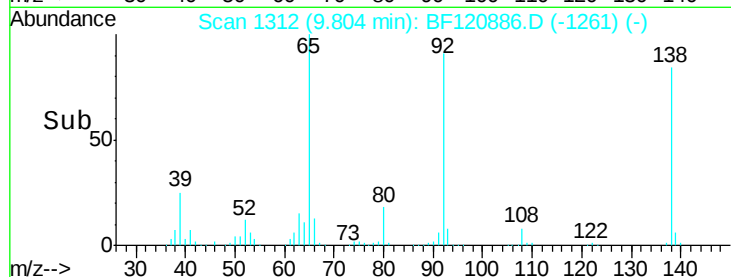
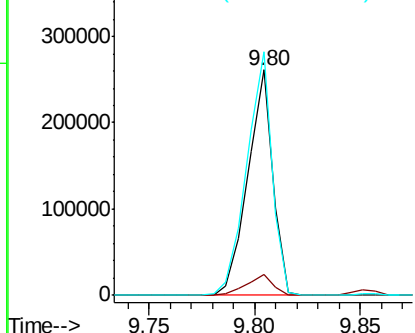
#53
3-Nitroaniline
Concen: 39.478 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 215931
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 108.0 85.3 127.9

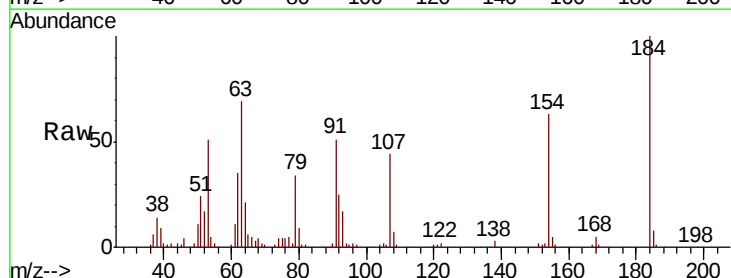


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

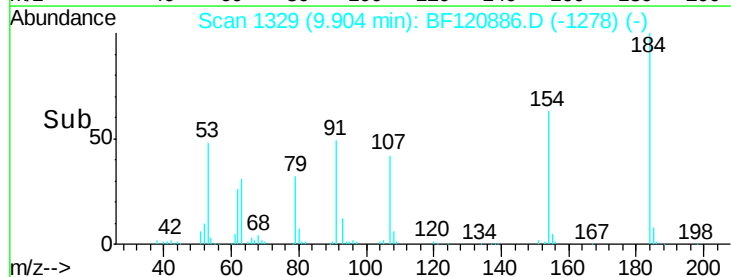
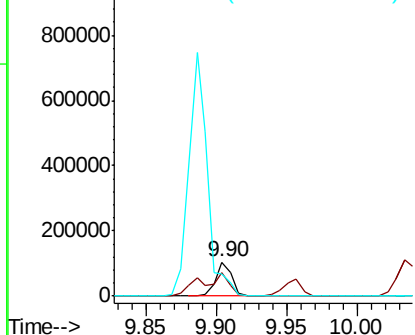


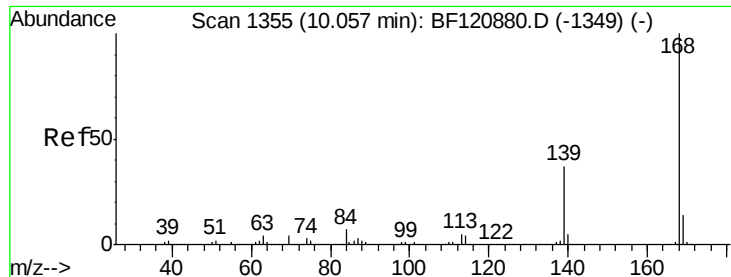
#54
2,4-Dinitrophenol
Concen: 37.064 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:184 Resp: 82974
Ion Ratio Lower Upper
184 100
63 69.0 57.9 86.9
154 63.4 52.6 78.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

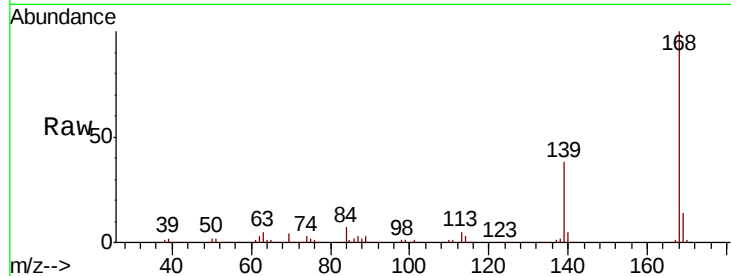




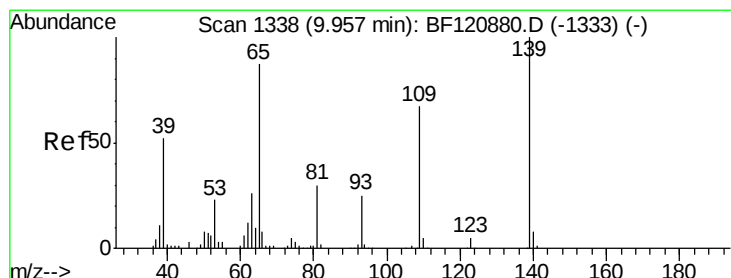
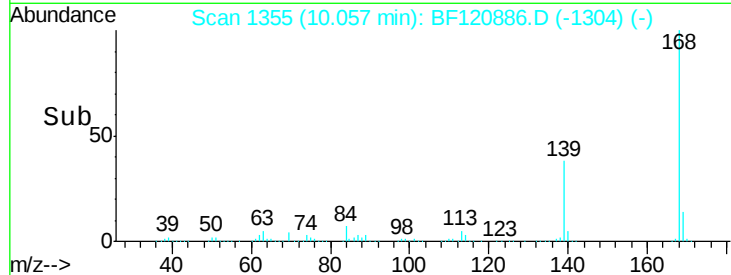
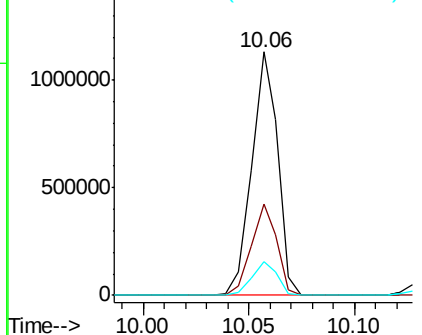
#55
Dibenzenofuran
Concen: 38.492 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 962049
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5
169 14.0 11.1 16.7

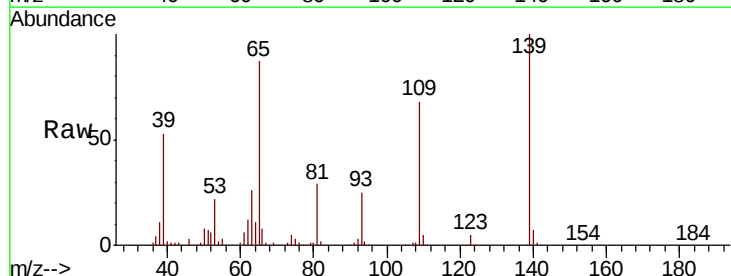


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

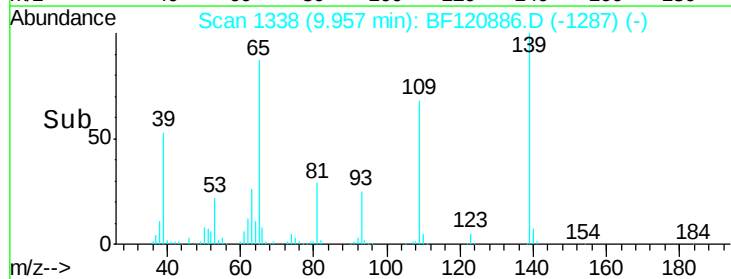
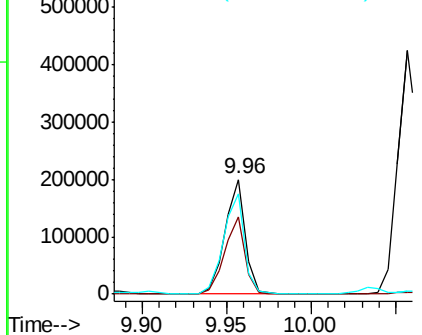


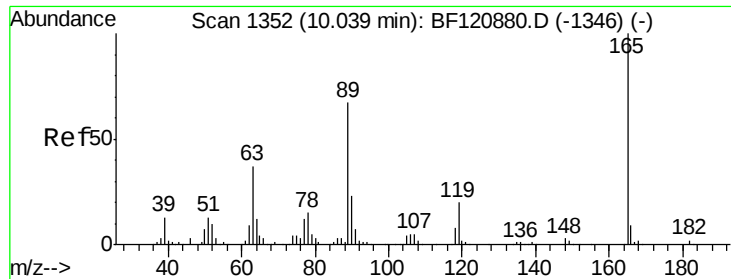
#56
4-Nitrophenol
Concen: 39.990 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:139 Resp: 166154
Ion Ratio Lower Upper
139 100
109 67.7 47.3 87.3
65 87.2 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

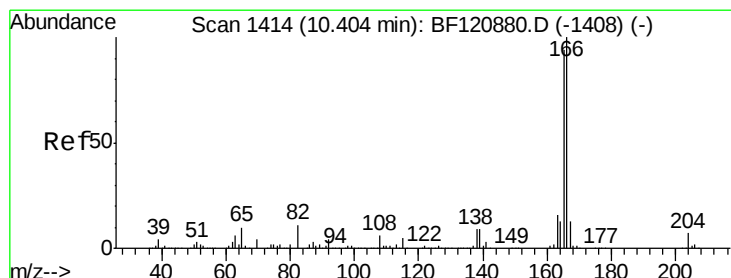
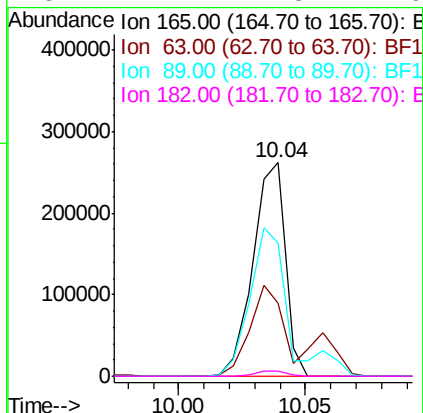
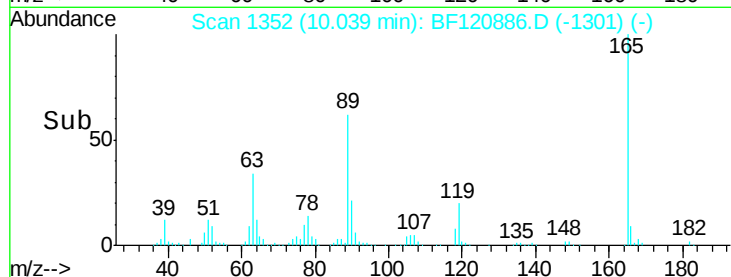
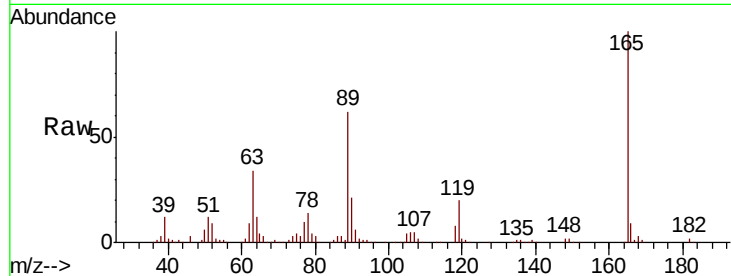




#57
2,4-Dinitrotoluene
Concen: 40.862 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

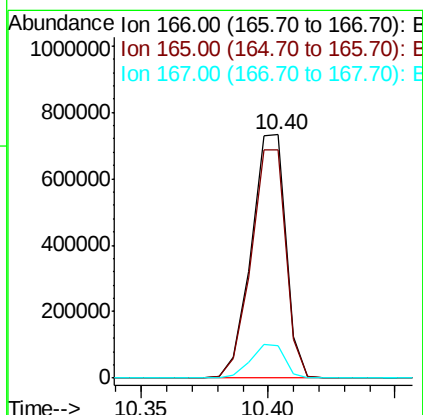
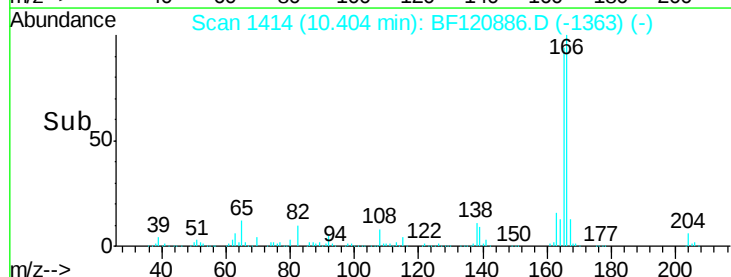
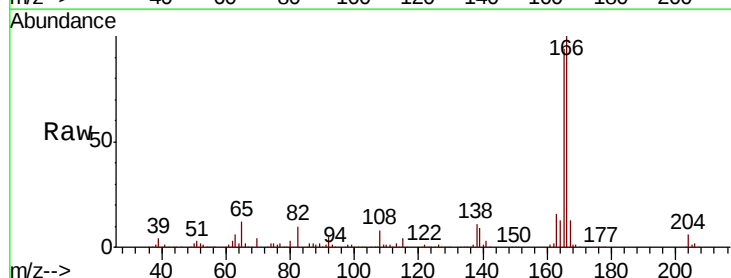
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

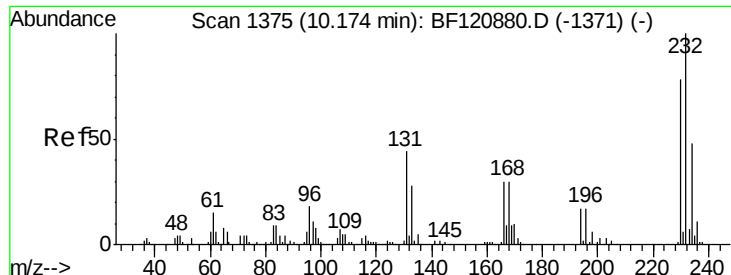
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.4	29.4	44.2
89	62.2	53.4	80.0
182	2.4	1.8	2.6



#58
Fluorene
Concen: 37.477 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.4	113.0
167	13.2	10.6	15.8

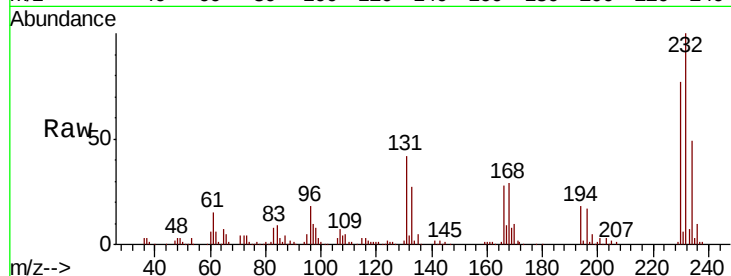




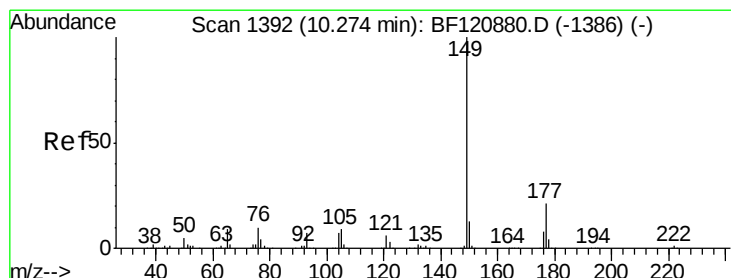
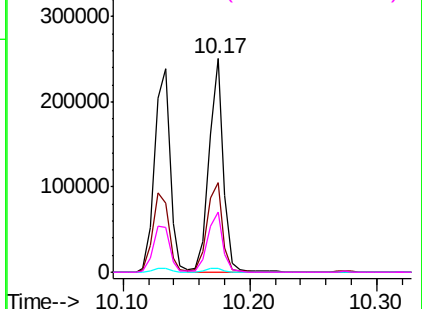
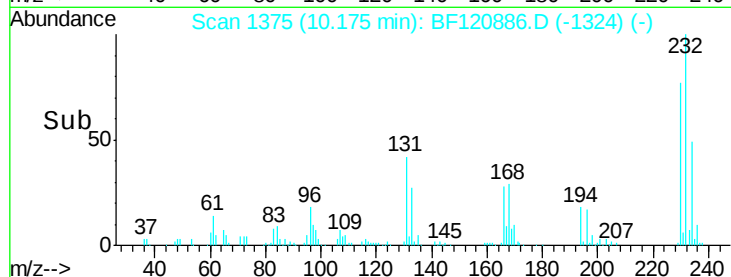
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.355 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	201176
Ion Ratio	Lower	Upper
232	100	
131	44.9	37.1 55.7
130	2.2	1.7 2.5
166	29.5	24.2 36.4

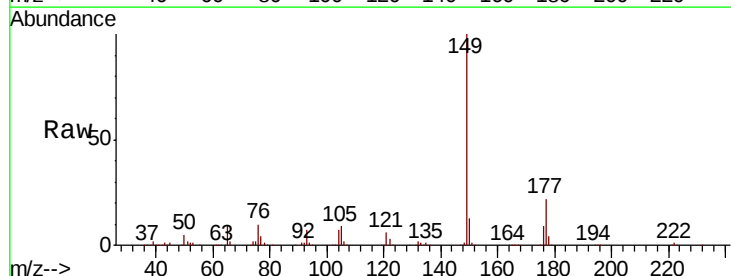


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

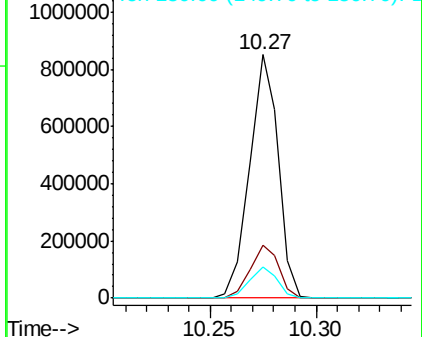
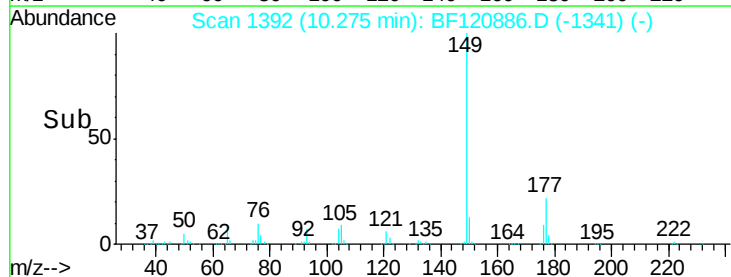


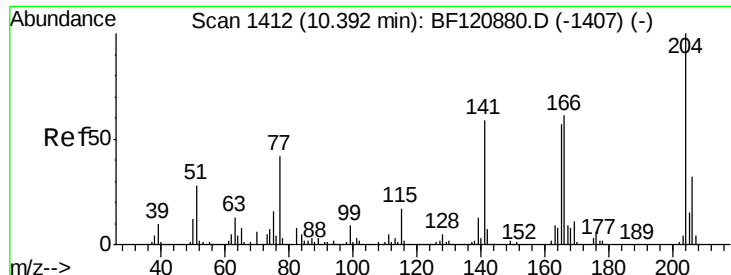
#60
 Diethylphthalate
 Concen: 38.970 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:149	Resp:	800128
Ion Ratio	Lower	Upper
149	100	
177	21.7	17.1 25.7
150	12.9	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

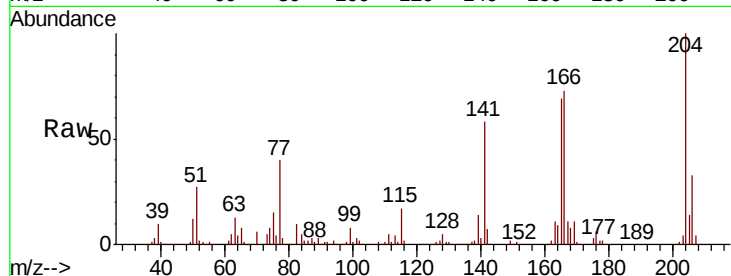




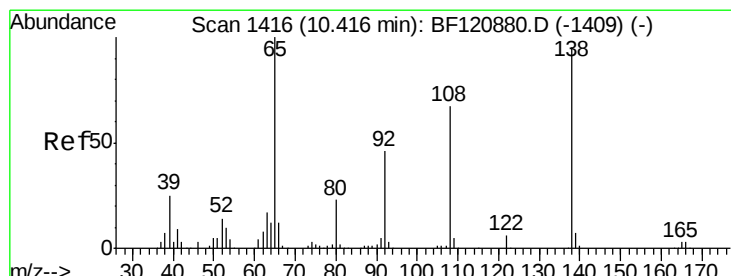
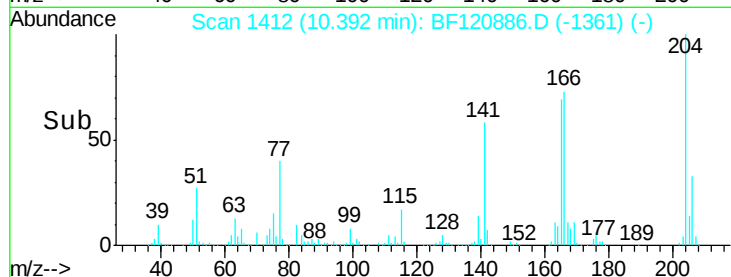
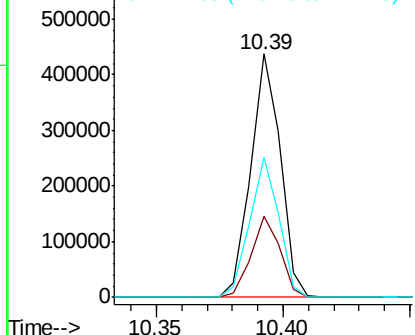
#61
4-Chlorophenyl-phenylether
Concen: 35.884 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 356777
Ion Ratio Lower Upper
204 100
206 33.5 25.9 38.9
141 57.6 47.2 70.8

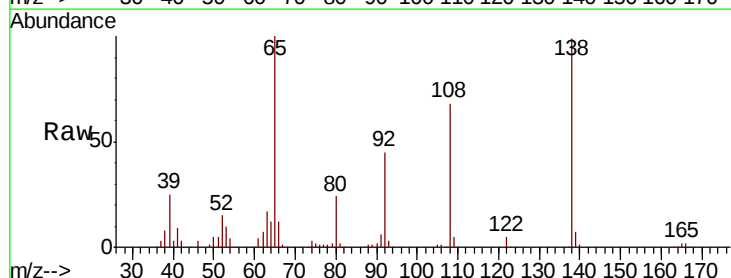


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

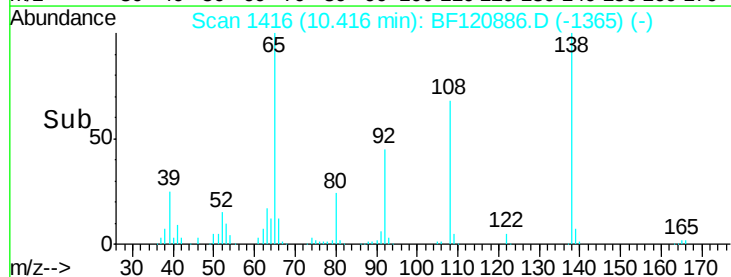
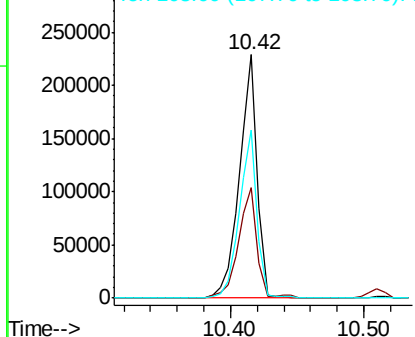


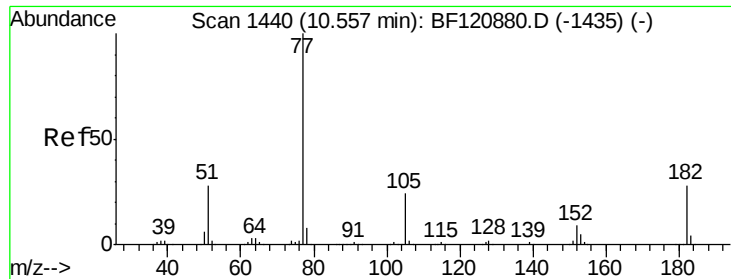
#62
4-Nitroaniline
Concen: 39.902 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:138 Resp: 212593
Ion Ratio Lower Upper
138 100
92 45.6 28.6 68.6
108 69.1 51.1 91.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.550 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

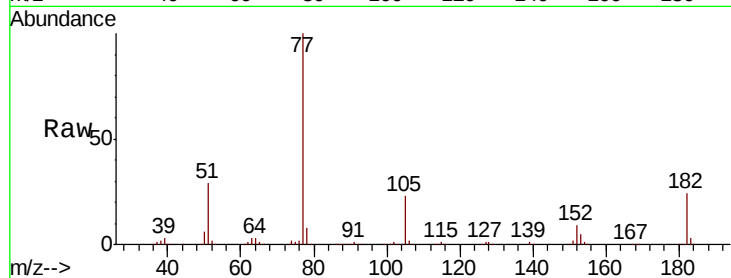
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 753539

Ion	Ratio	Lower	Upper
77	100		
182	23.8	7.8	47.8
105	22.9	4.4	44.4
51	29.4	8.0	48.0

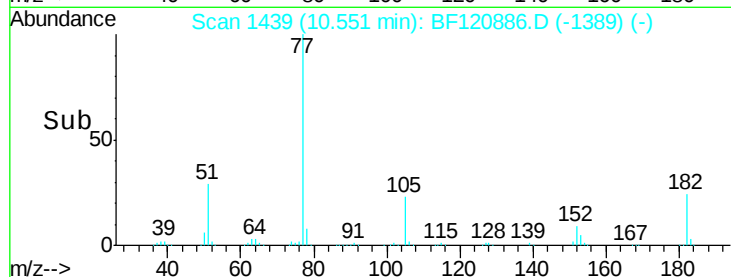


Abundance Ion 77.00 (76.70 to 77.70): BF1

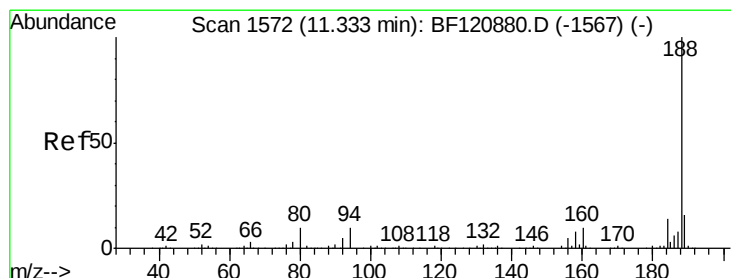
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time--> 10.50 10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

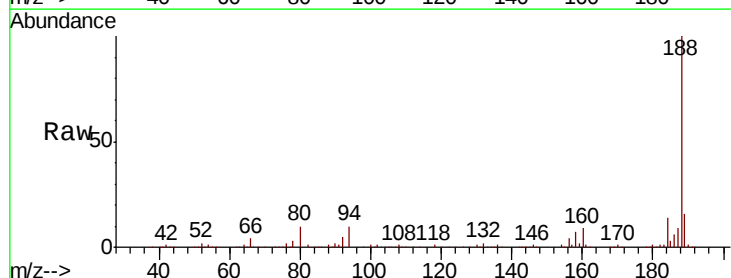
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion: 188 Resp: 533358

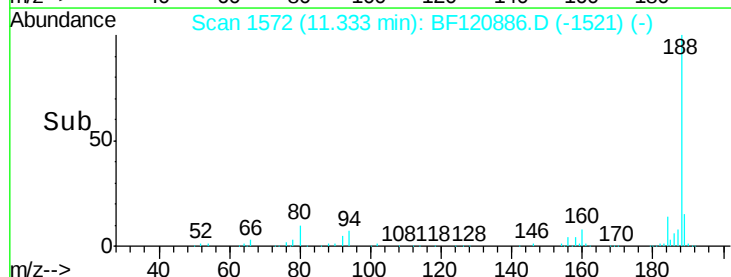
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.1	8.3	12.5



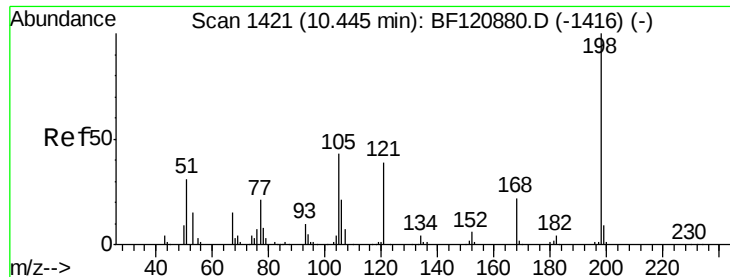
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



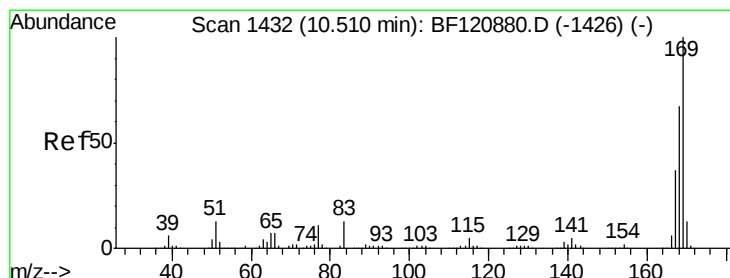
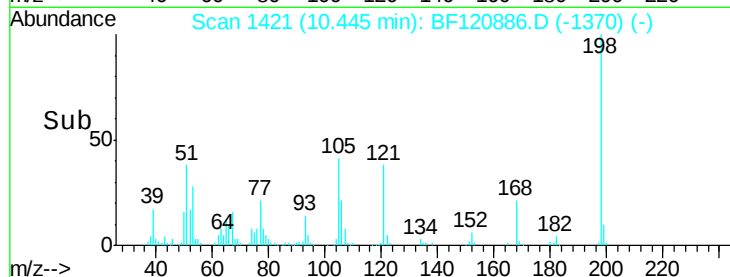
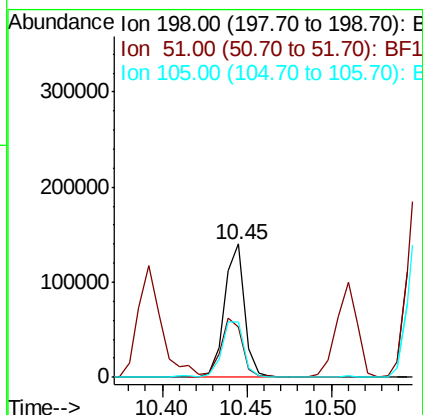
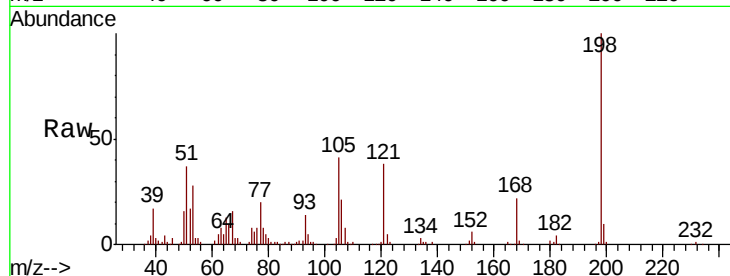
Time--> 11.30 11.35



#65
4,6-Dinitro-2-methylphenol
Concen: 38.141 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

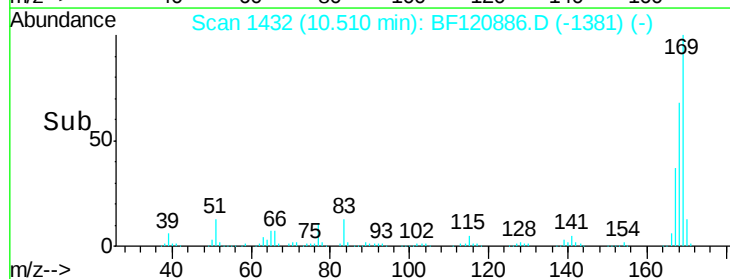
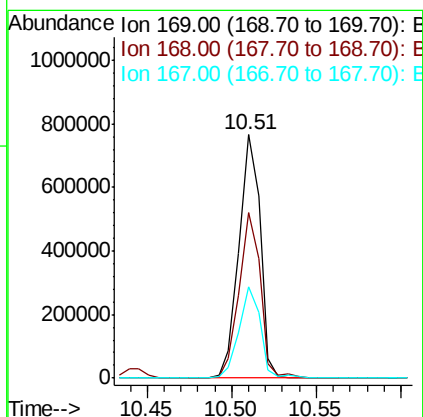
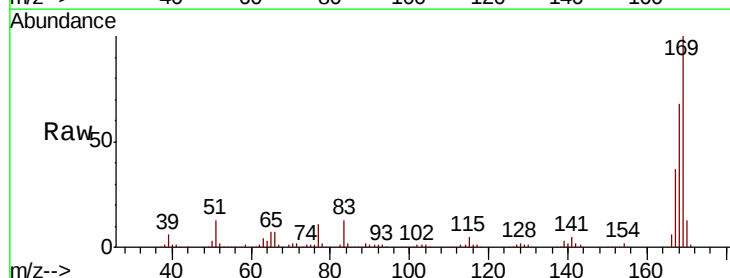
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

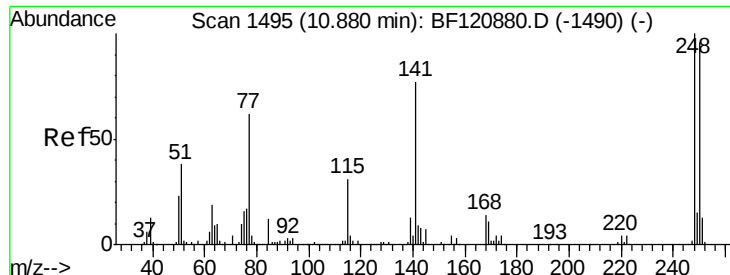
Tot Ion:198 Resp: 115088
Ion Ratio Lower Upper
198 100
51 37.5 19.5 59.5
105 41.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 39.933 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:169 Resp: 670012
Ion Ratio Lower Upper
169 100
168 67.9 53.4 80.0
167 37.3 29.4 44.0

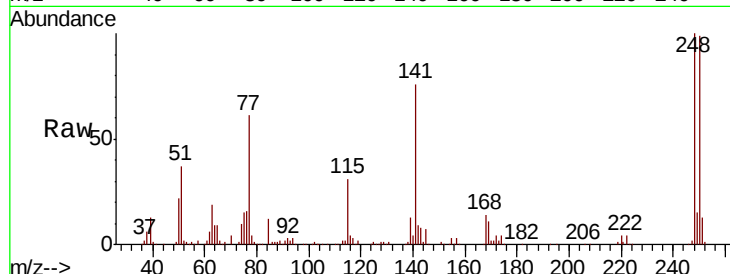




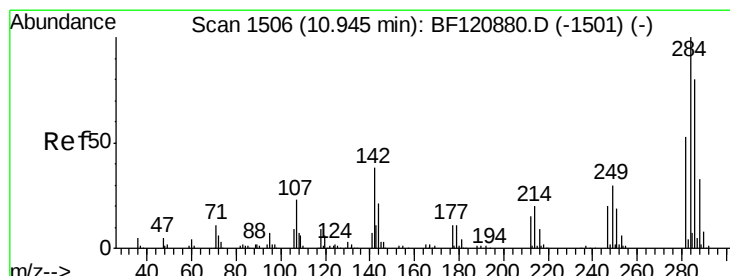
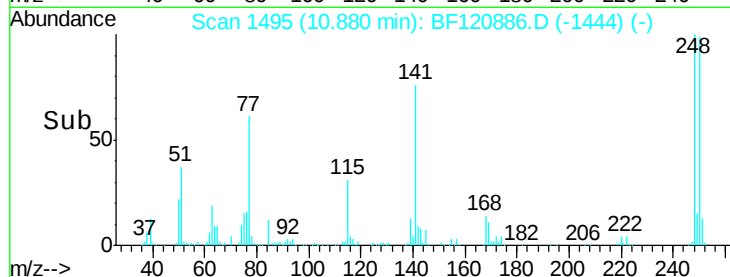
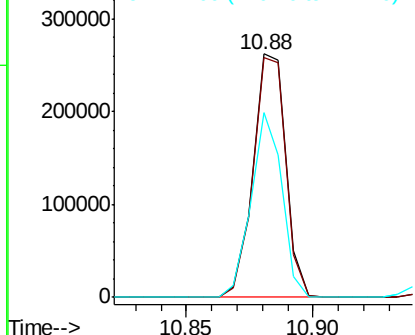
#67
 4-Bromophenyl-phenylether
 Concen: 39.719 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 236190
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.1 115.7
 141 75.8 61.2 91.8

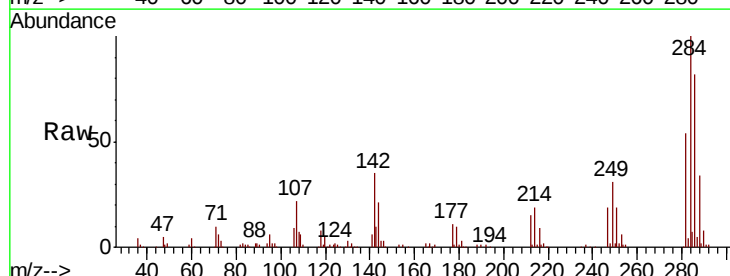


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

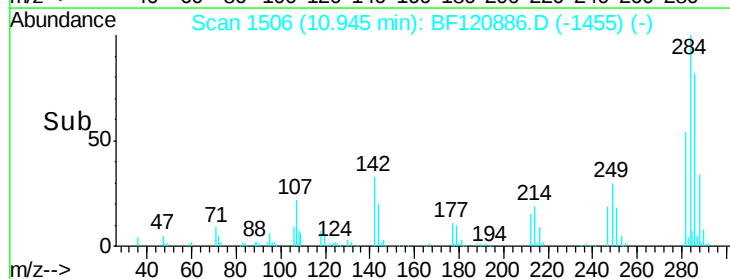
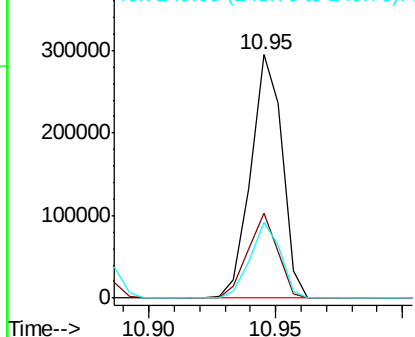


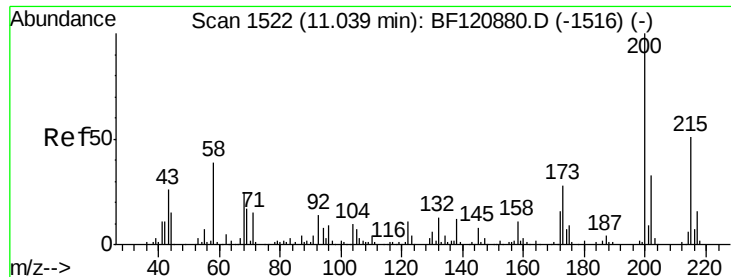
#68
 Hexachlorobenzene
 Concen: 39.603 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:284 Resp: 254751
 Ion Ratio Lower Upper
 284 100
 142 34.9 30.2 45.2
 249 31.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

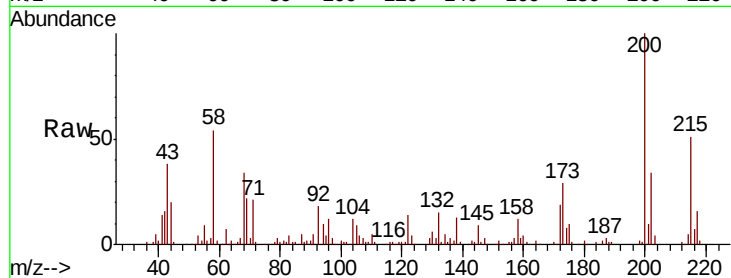




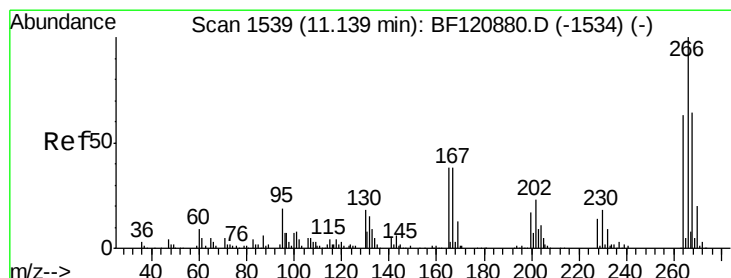
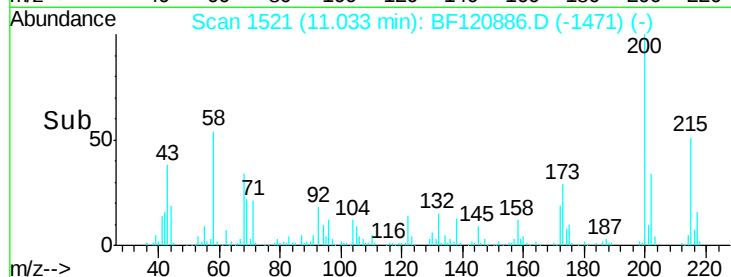
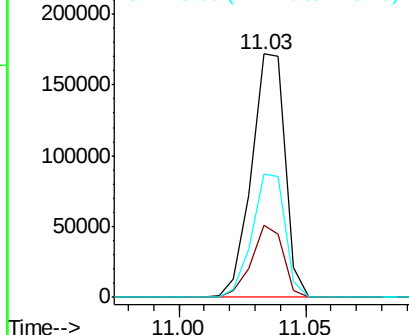
#69
Atrazine
Concen: 38.257 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 158970
Ion Ratio Lower Upper
200 100
173 29.5 8.0 48.0
215 50.7 31.5 71.5

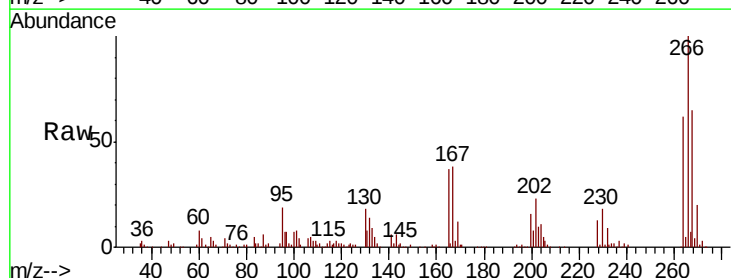


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

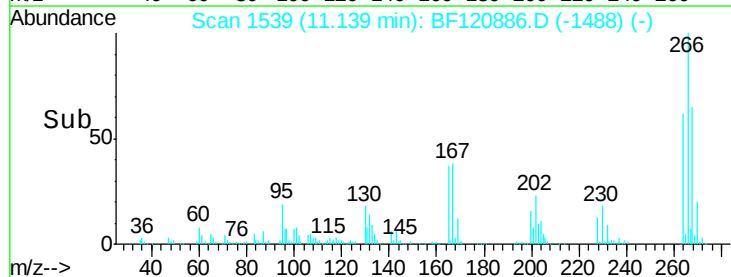
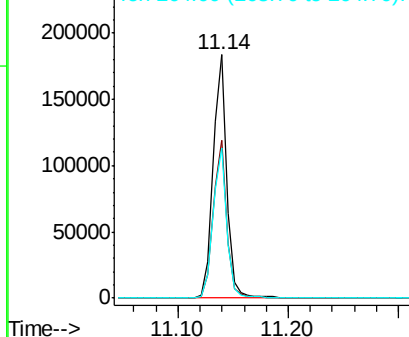


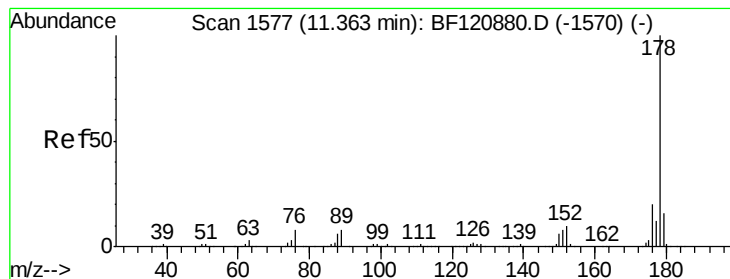
#70
Pentachlorophenol
Concen: 42.148 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:266 Resp: 155320
Ion Ratio Lower Upper
266 100
268 64.8 51.1 76.7
264 61.8 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.679 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

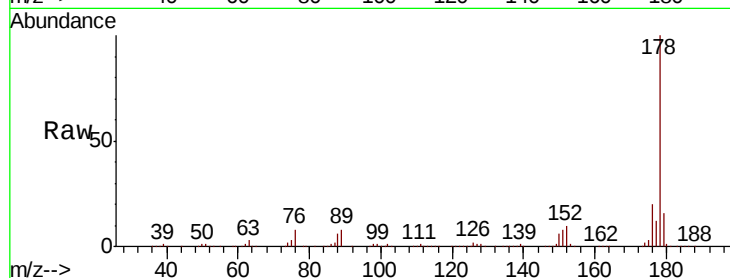
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1061005

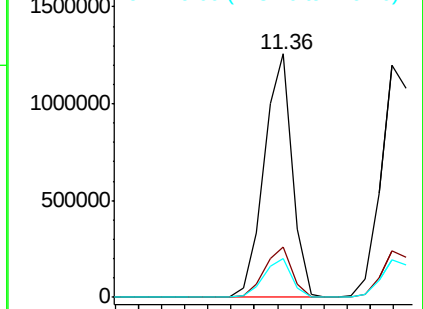
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.9	12.8	19.2



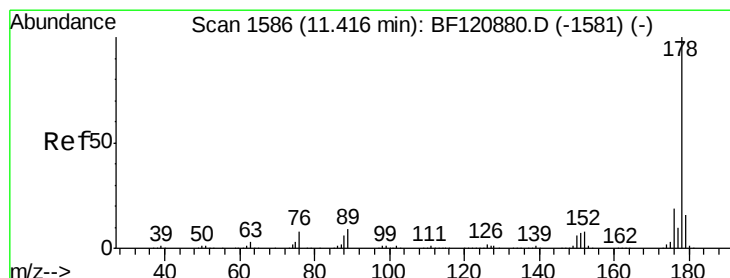
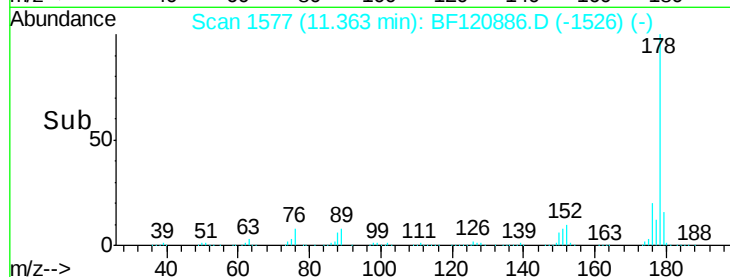
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 39.655 ng

RT: 11.41 min Scan# 1585

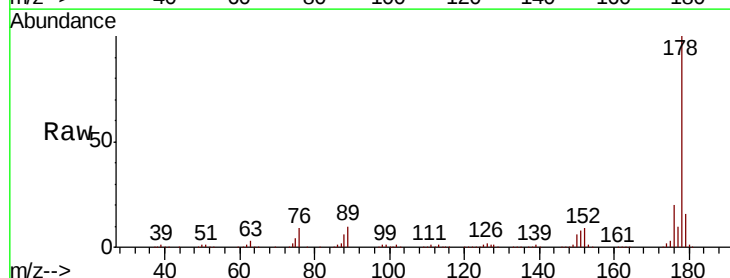
Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:178 Resp: 1092278

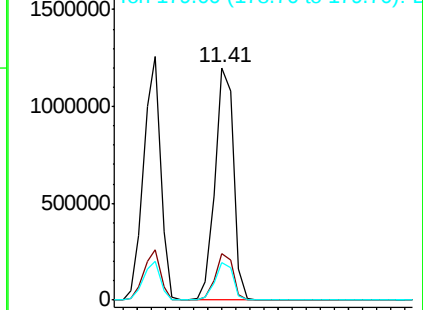
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.1	12.8	19.2



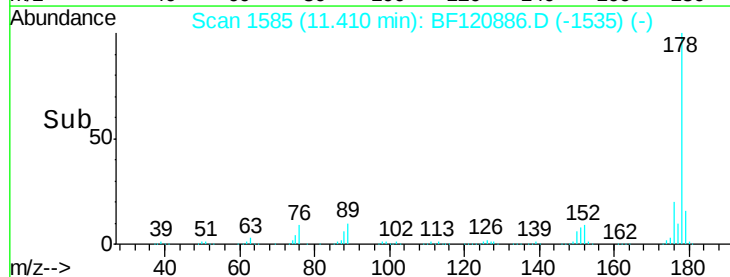
Abundance Ion 178.00 (177.70 to 178.70): E

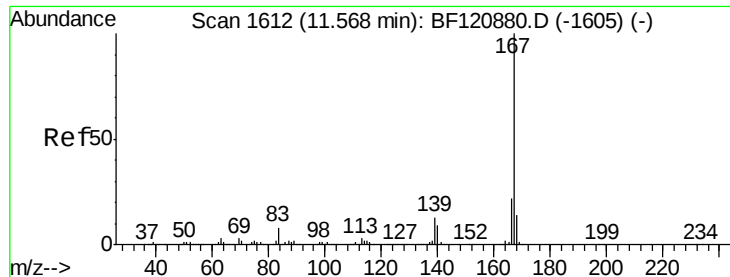
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

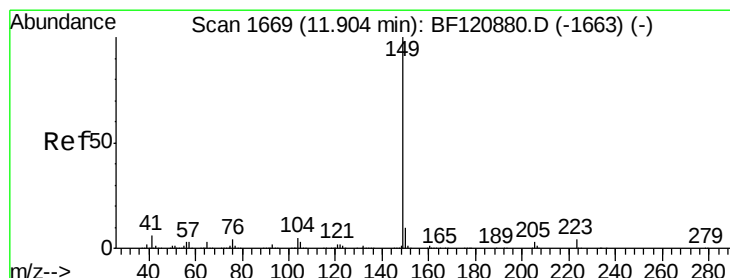
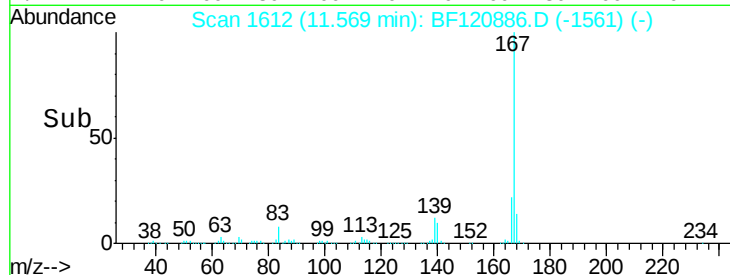
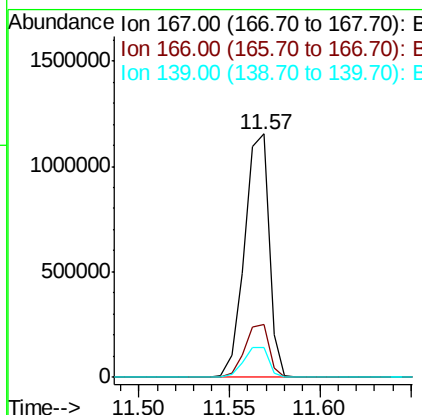
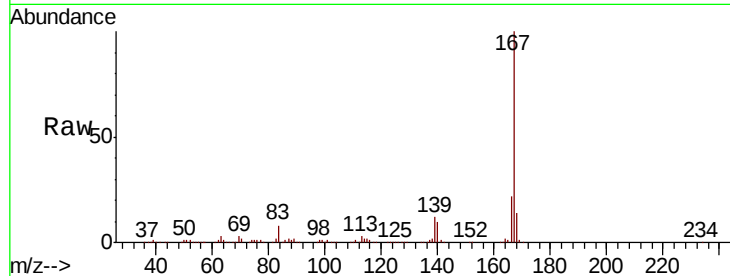




#73
 Carbazole
 Concen: 39.606 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

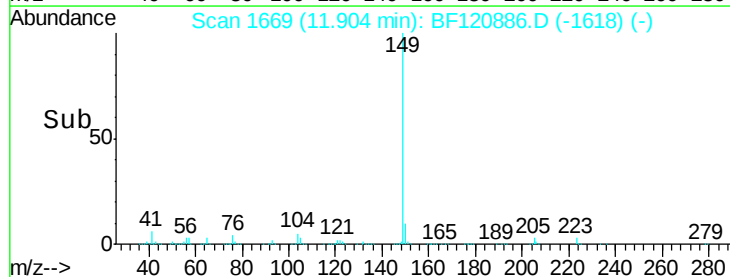
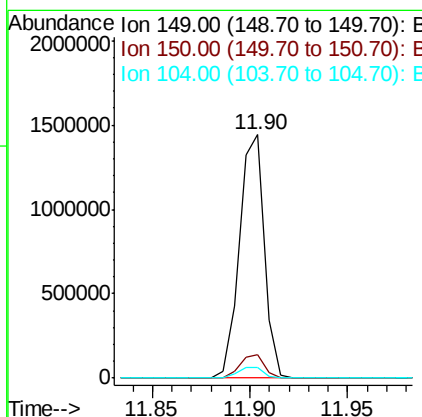
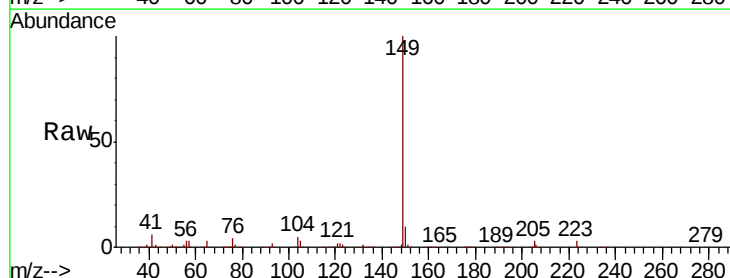
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

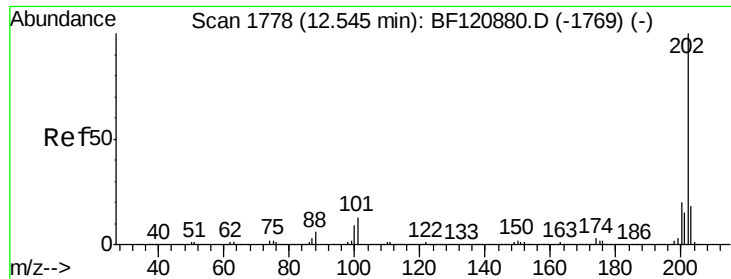
Tot Ion:167 Resp: 1082642
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 40.126 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:149 Resp: 1265765
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.6 3.8 5.6

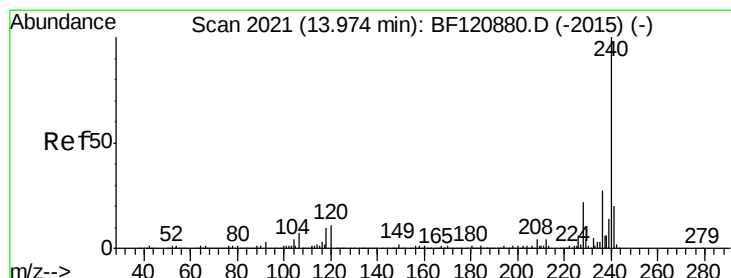
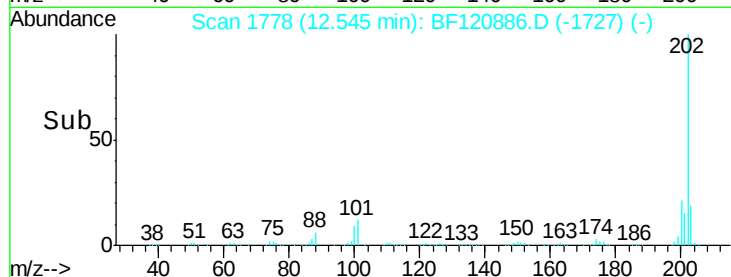
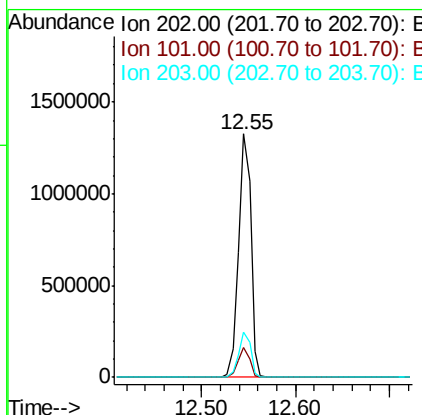
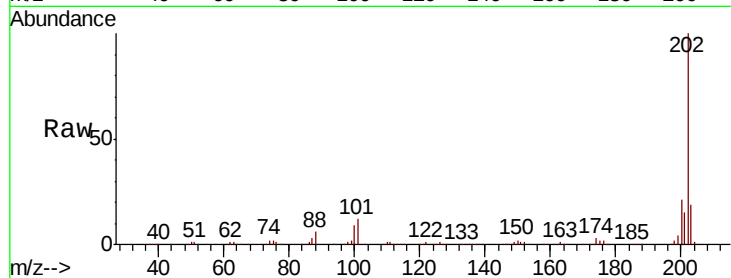




#75
 Fluoranthene
 Concen: 39.474 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

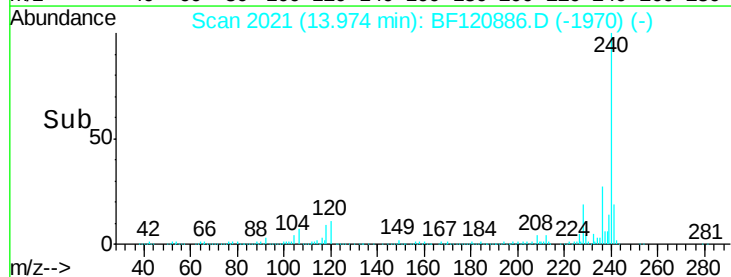
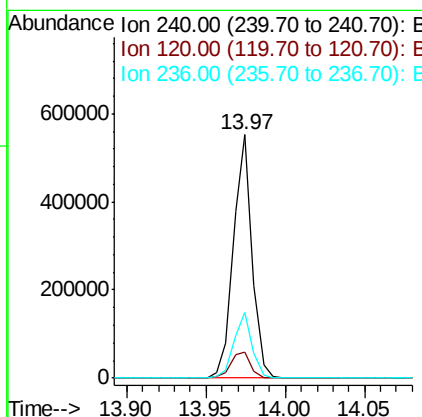
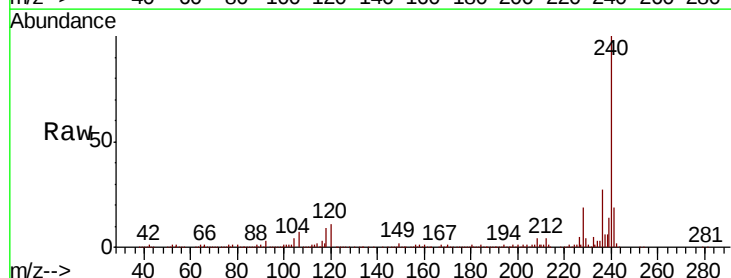
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

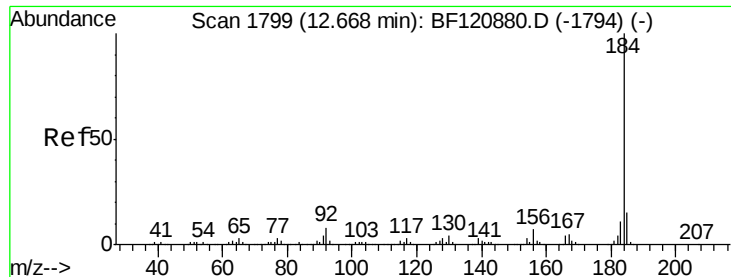
Tot Ion:202 Resp: 1200203
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 32.7
 203 18.6 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:240 Resp: 448571
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.4
 236 26.9 21.7 32.5





#77

Benzidine

Concen: 43.744 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

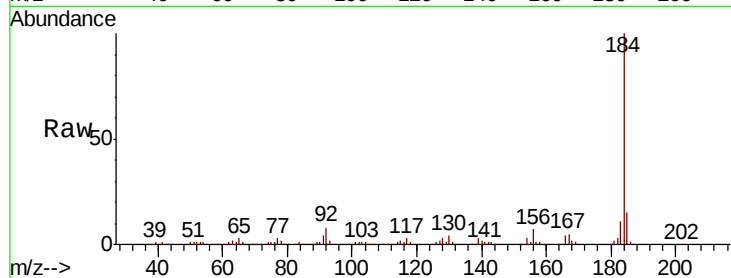
Tot Ion:184 Resp: 515900

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	10.6	8.5	12.7

184 100

185 14.6 12.2 18.2

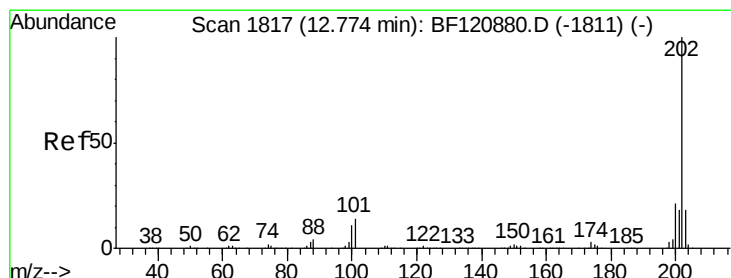
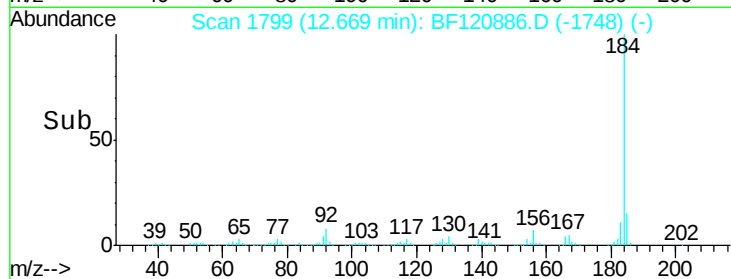
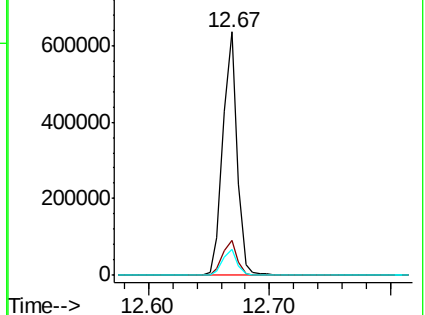
183 10.6 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.444 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

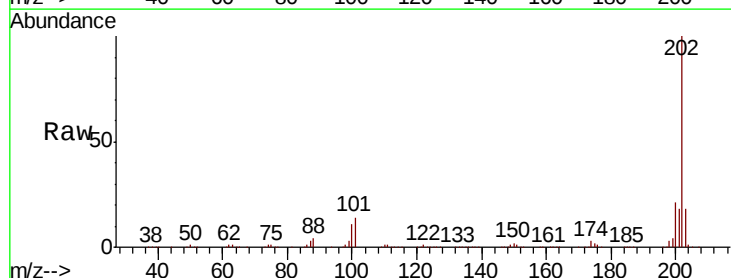
Tgt Ion:202 Resp: 1250930

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.4	14.4	21.6

202 100

200 21.3 17.0 25.4

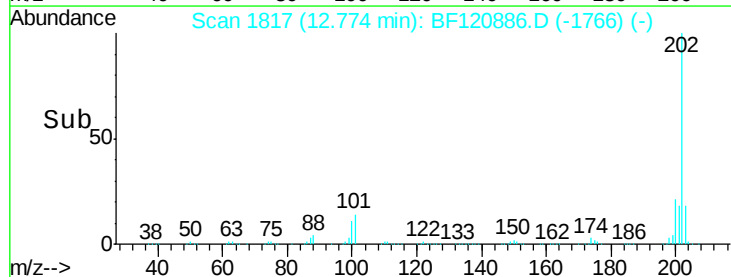
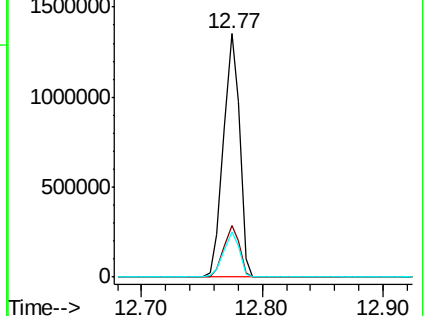
203 18.4 14.4 21.6

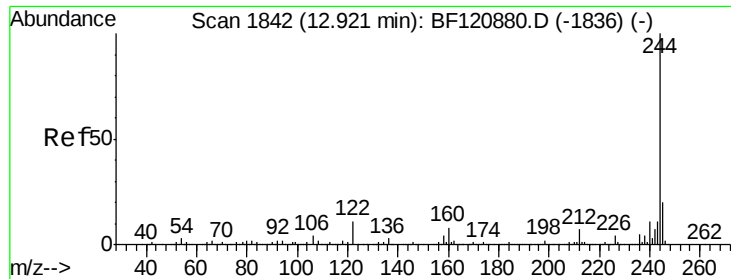


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.946 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

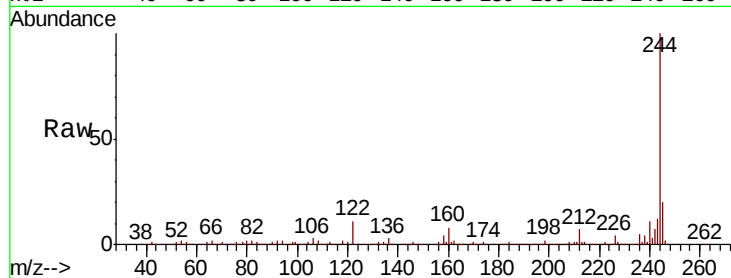
Tot Ion:244 Resp: 1525921

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

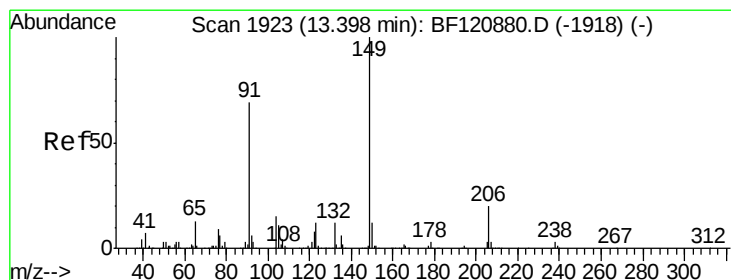
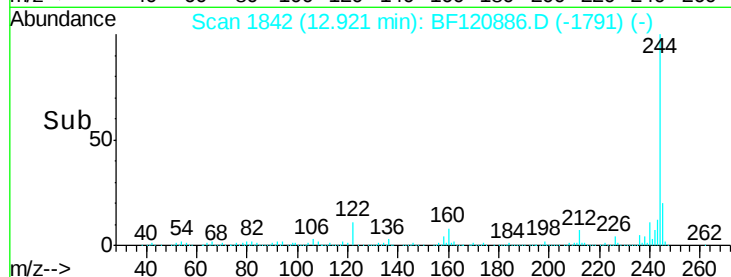
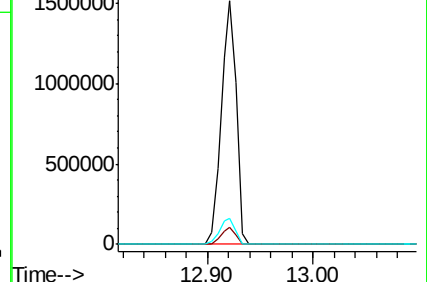
122 10.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.374 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

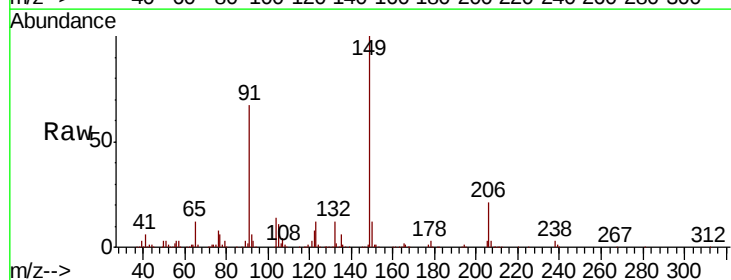
Tgt Ion:149 Resp: 570790

Ion Ratio Lower Upper

149 100

91 66.5 55.1 82.7

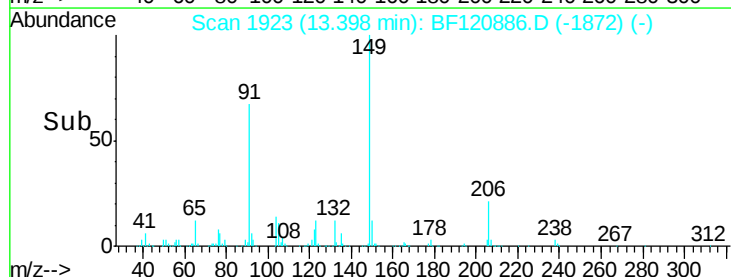
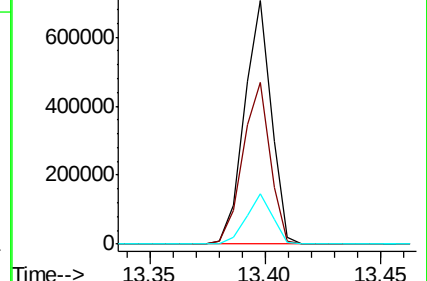
206 20.9 16.1 24.1

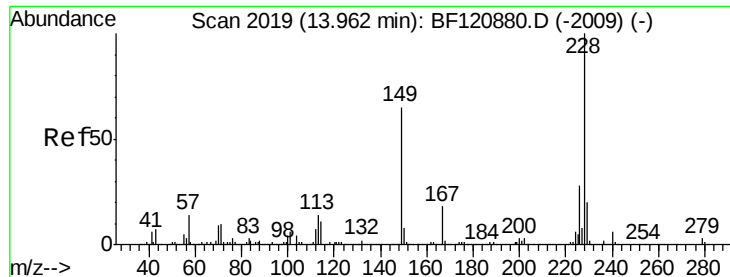


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.473 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

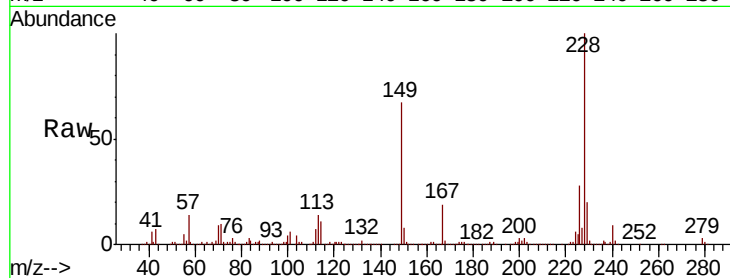
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1045062

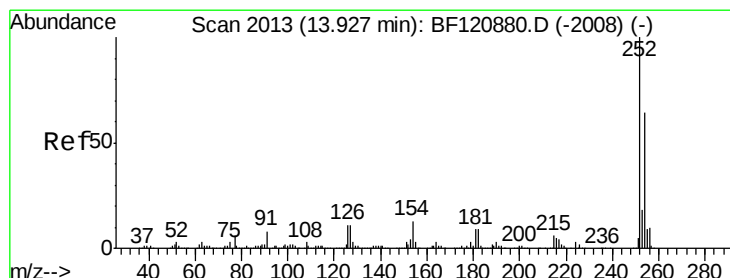
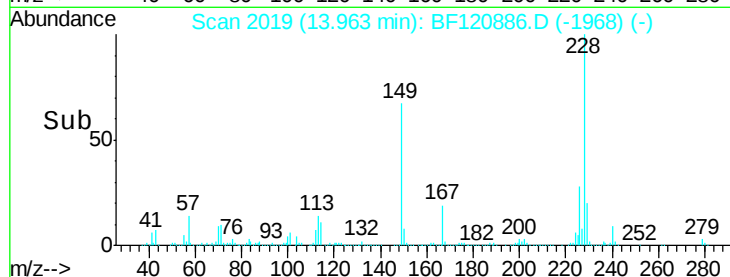
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.0	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.591 ng

RT: 13.93 min Scan# 2013

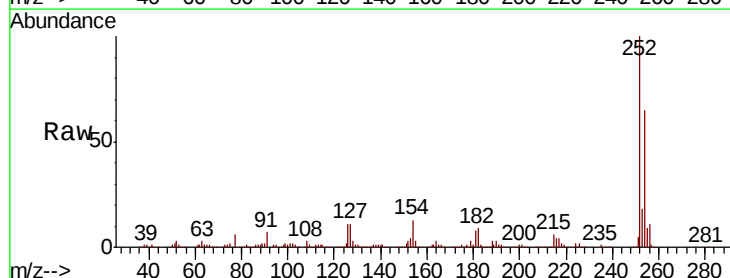
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:252 Resp: 405720

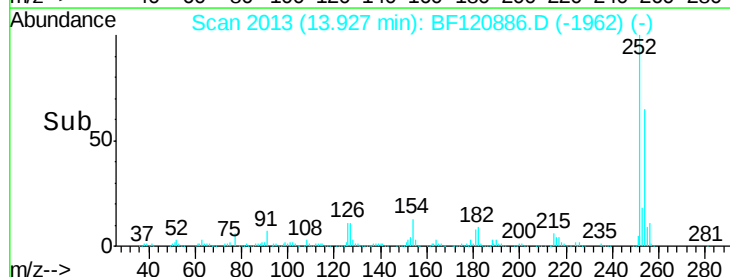
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	11.1	8.7	13.1

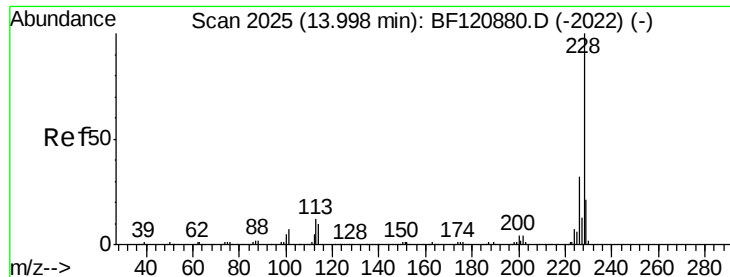


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.491 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

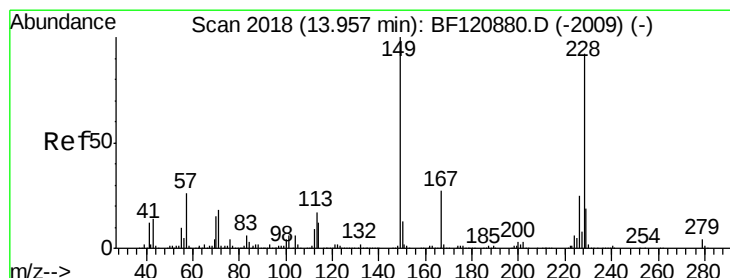
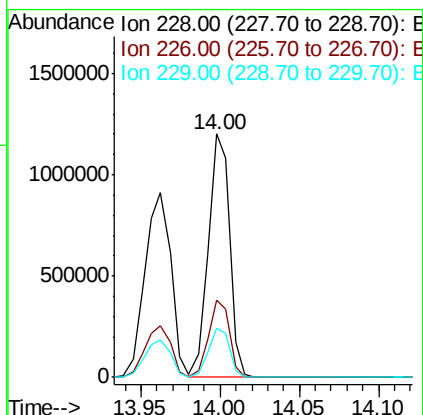
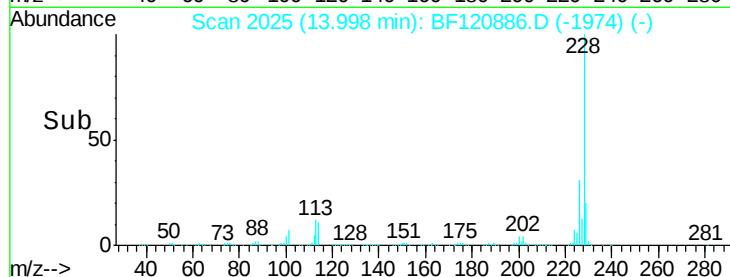
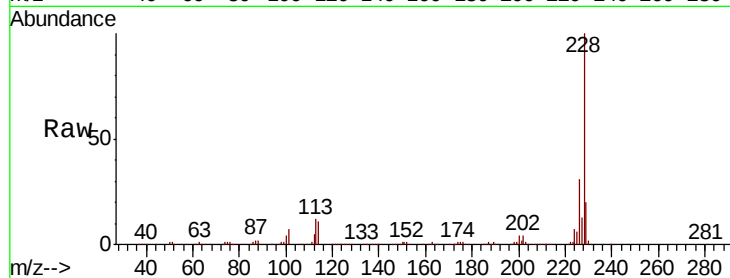
Tot Ion:228 Resp: 1127302

Ion Ratio Lower Upper

228 100

226 31.5 25.6 38.4

229 20.3 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.052 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

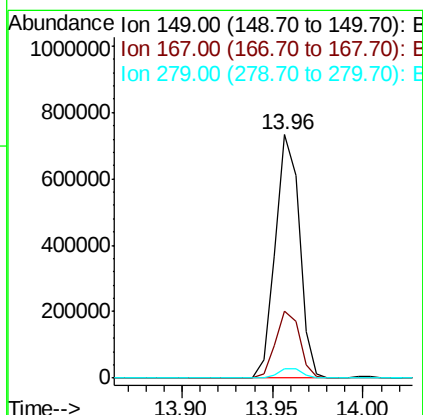
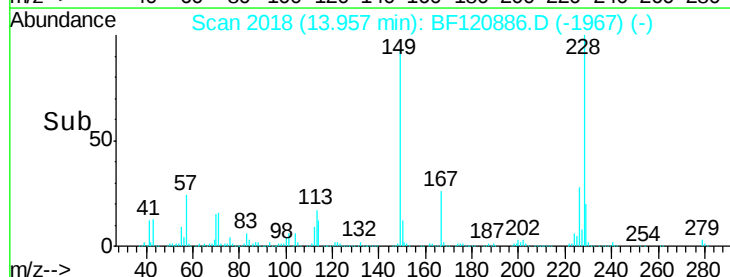
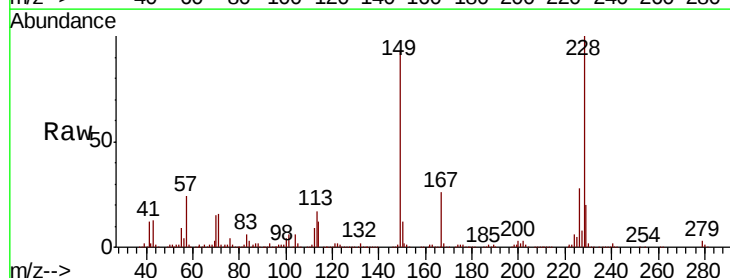
Tgt Ion:149 Resp: 680807

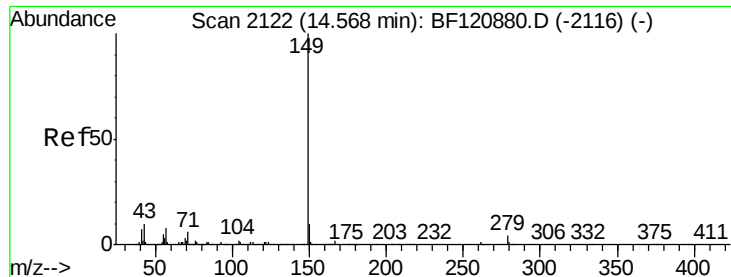
Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 40.085 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

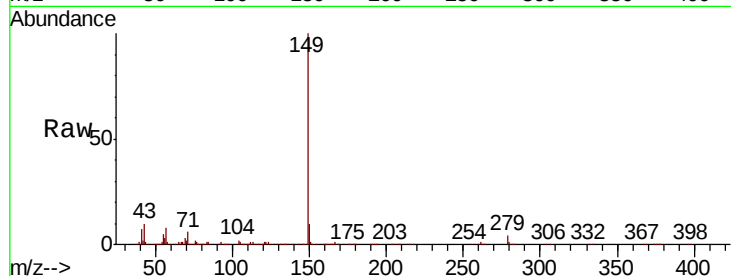
Tot Ion:149 Resp: 1390311

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

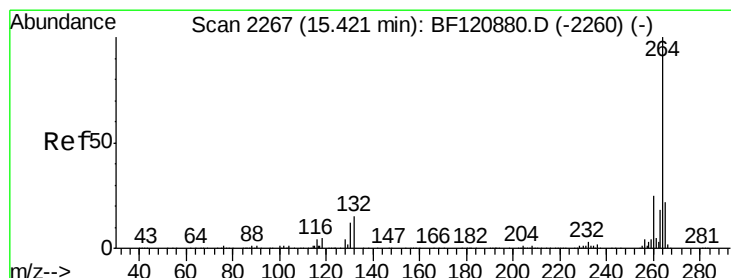
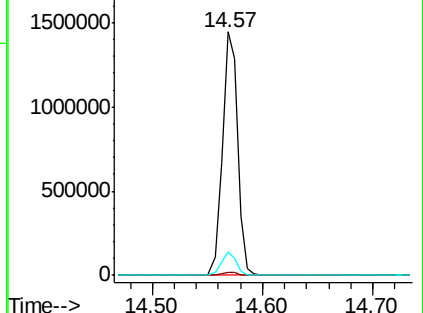
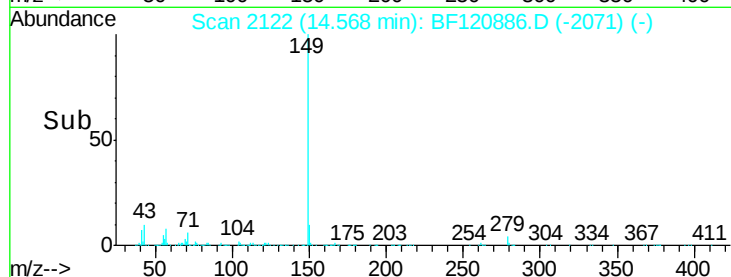
43 9.6 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

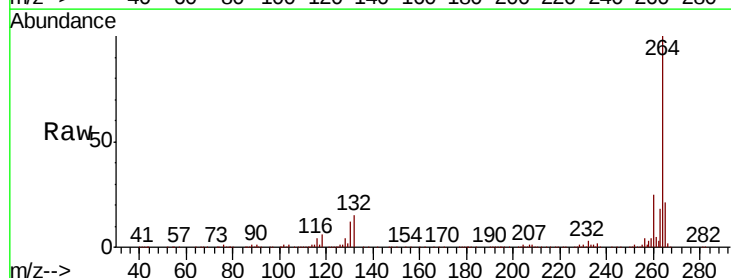
Tgt Ion:264 Resp: 490937

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

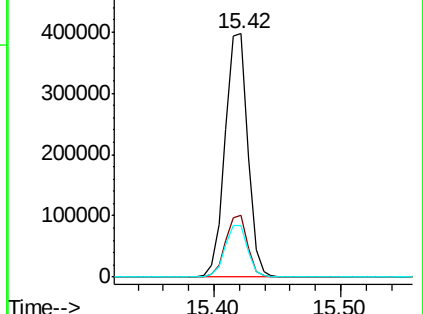
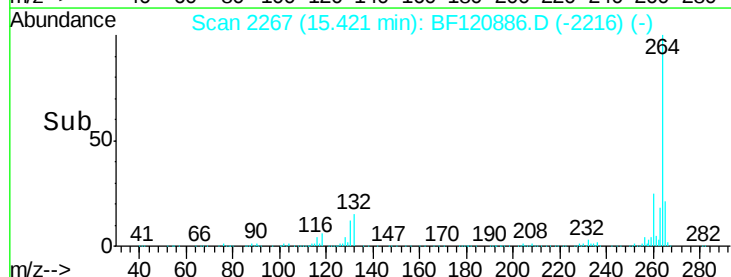
265 21.0 17.4 26.2

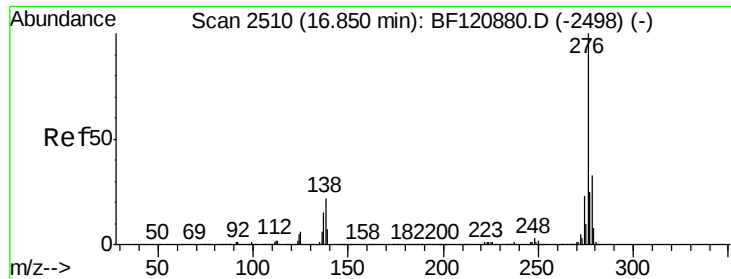


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



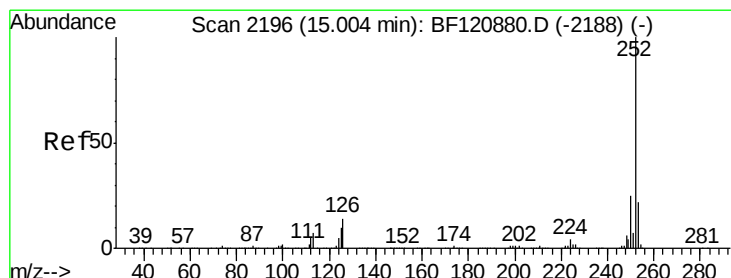
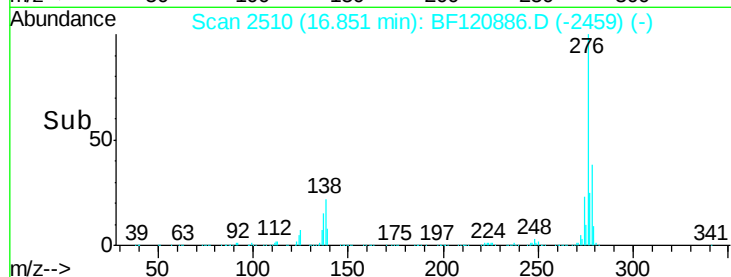
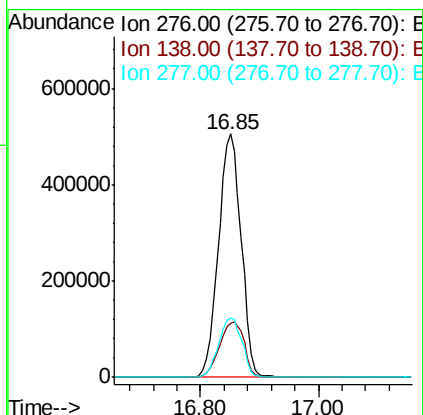
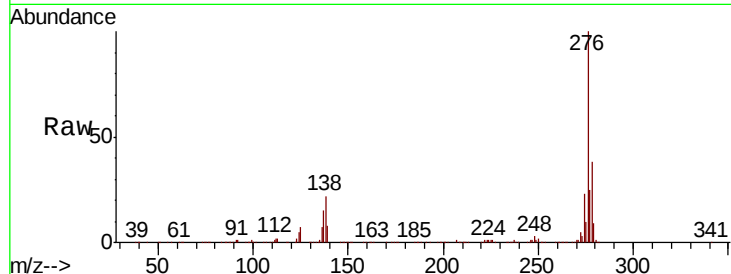


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.412 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1345628

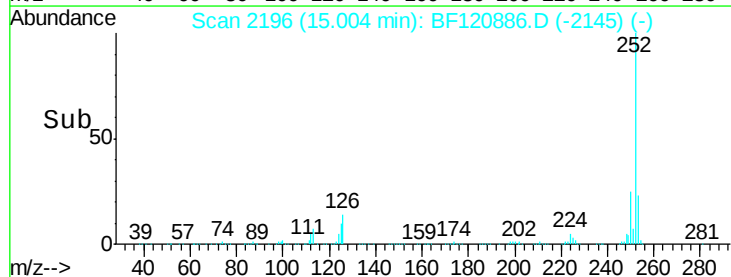
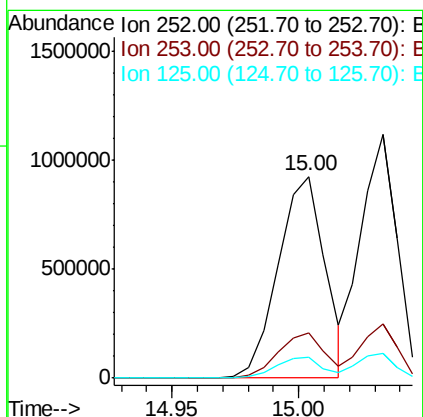
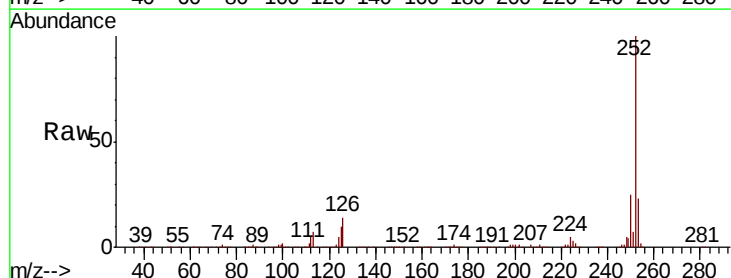
Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.3	20.2	30.2

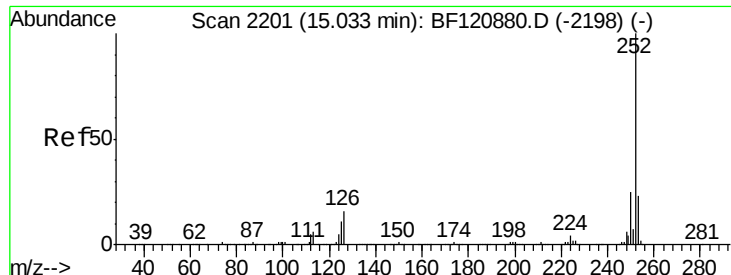


#88
 Benzo(b)fluoranthene
 Concen: 40.019 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120886.D
 Acq: 16 Jul 2020 15:25

Tgt Ion:252 Resp: 1187588

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.2	8.3	12.5

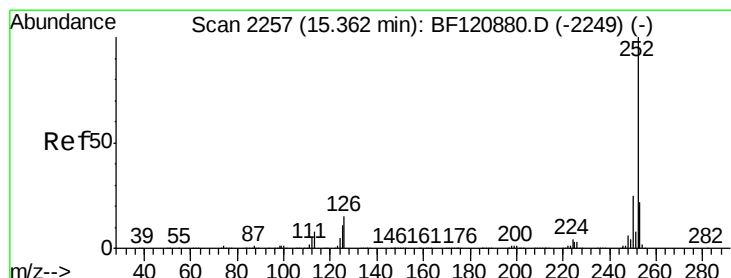
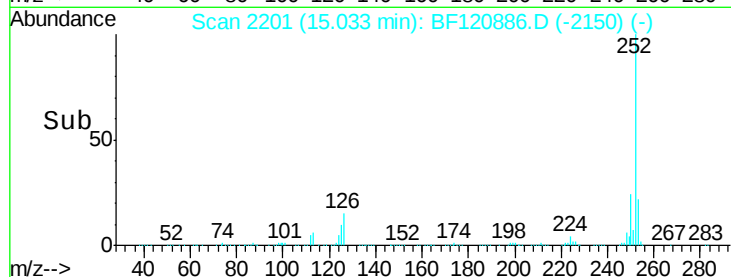
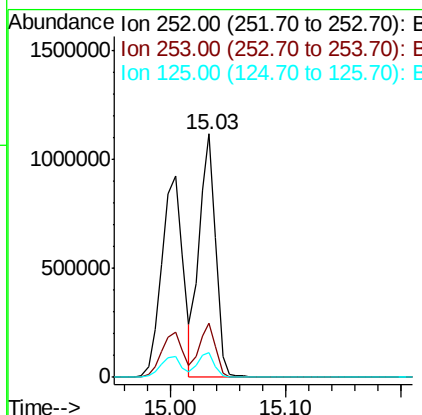
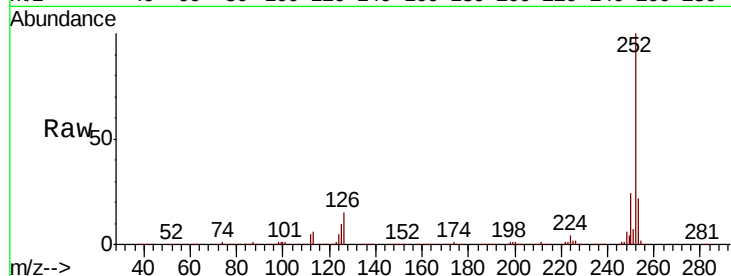




#89
Benzo(k)fluoranthene
Concen: 41.515 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

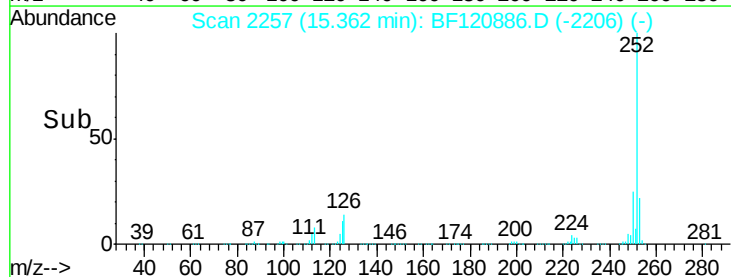
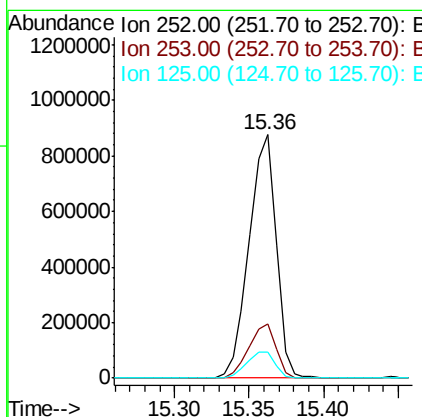
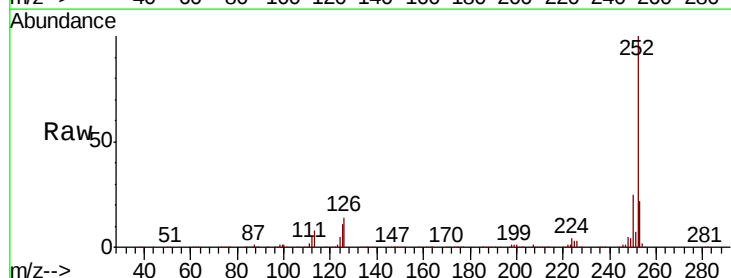
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

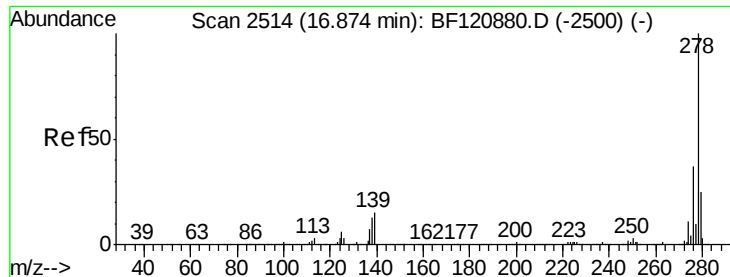
Tot Ion:252 Resp: 1123561
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.753 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120886.D
Acq: 16 Jul 2020 15:25

Tgt Ion:252 Resp: 1103368
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.349 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Instrument :

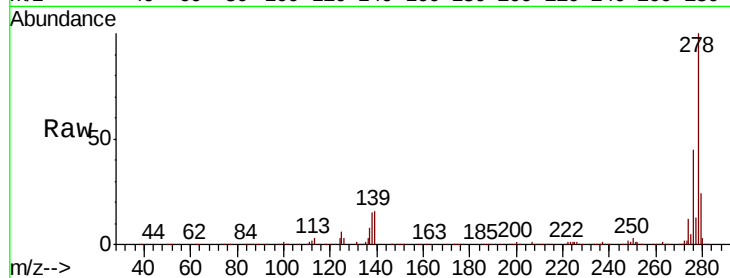
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1125327

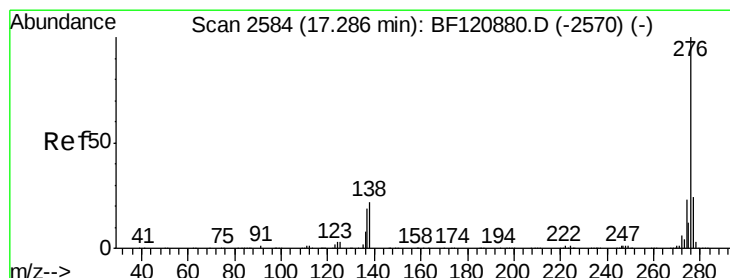
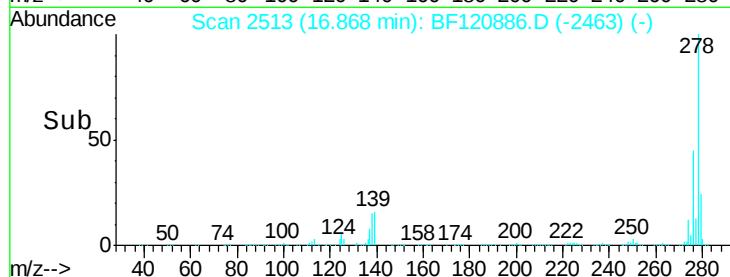
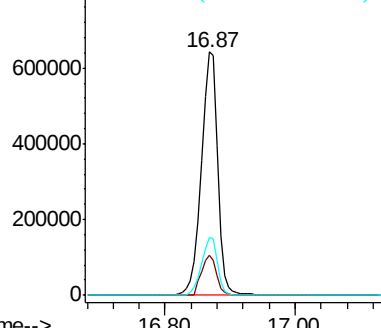
Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.3	18.5
279	23.8	20.1	30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.070 ng

RT: 17.29 min Scan# 2584

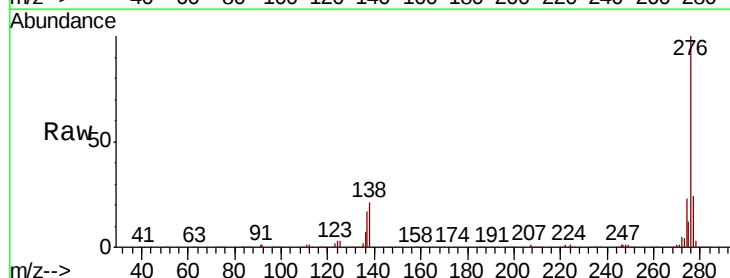
Delta R.T. 0.00 min

Lab File: BF120886.D

Acq: 16 Jul 2020 15:25

Tgt Ion:276 Resp: 1074399

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.7	17.5	26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

