

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
 Data File : BF120587.D
 Acq On : 10 Jun 2020 11:55
 Operator : JU/CG
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jun 10 13:40:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 13:32:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	163923	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	565982	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	294680	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	578346	20.00	ng	0.00
76) Chrysene-d12	13.96	240	515627	20.00	ng	0.00
86) Perylene-d12	15.40	264	568534	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	427356	50.98	ng	0.00
7) Phenol-d6	6.43	99	521265	49.06	ng	-0.01
23) Nitrobenzene-d5	7.36	82	471950	52.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	151741	49.89	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	863686	49.19	ng	0.00
79) Terphenyl-d14	12.90	244	1046000	46.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	98834	22.594	ng	98
3) Pyridine	3.25	79	273701	23.375	ng	99
4) n-Nitrosodimethylamine	3.19	42	114857	23.173	ng	100
6) Aniline	6.46	93	318016	22.169	ng	98
8) 2-Chlorophenol	6.59	128	240739	24.846	ng	97
9) Benzaldehyde	6.35	77	162992	29.713	ng	99
10) Phenol	6.45	94	281715	22.870	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	228836	23.688	ng	99
12) 1,3-Dichlorobenzene	6.74	146	258426	24.509	ng	98
13) 1,4-Dichlorobenzene	6.82	146	262049	24.602	ng	98
14) 1,2-Dichlorobenzene	6.97	146	251141	24.183	ng	98
15) Benzyl Alcohol	6.94	79	197381	23.976	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	343252	24.060	ng	99
17) 2-Methylphenol	7.05	107	211229	24.834	ng	99
18) Hexachloroethane	7.31	117	94387	24.226	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	158697	24.324	ng	99
20) 3+4-Methylphenols	7.21	107	259126	24.430	ng	88
22) Acetophenone	7.21	105	307506	26.428	ng	99
24) Nitrobenzene	7.38	77	250484	26.284	ng	98
25) Isophorone	7.62	82	461198	26.264	ng	99
26) 2-Nitrophenol	7.70	139	130114	26.475	ng	96
27) 2,4-Dimethylphenol	7.73	122	192936	26.846	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	245379	23.513	ng	99
29) 2,4-Dichlorophenol	7.94	162	181028	24.091	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	204496	24.249	ng	99
31) Naphthalene	8.10	128	629076	24.773	ng	100
32) Benzoic acid	7.83	122	125235	21.293	ng	97
33) 4-Chloroaniline	8.15	127	273165	24.102	ng	99
34) Hexachlorobutadiene	8.22	225	122315	24.815	ng	98
35) Caprolactam	8.50	113	57294	22.208	ng	93
36) 4-Chloro-3-methylphenol	8.63	107	184050	23.698	ng	97
37) 2-Methylnaphthalene	8.79	142	419911	24.835	ng	98
38) 1-Methylnaphthalene	8.89	142	394763	25.488	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	198344	25.453	ng	99

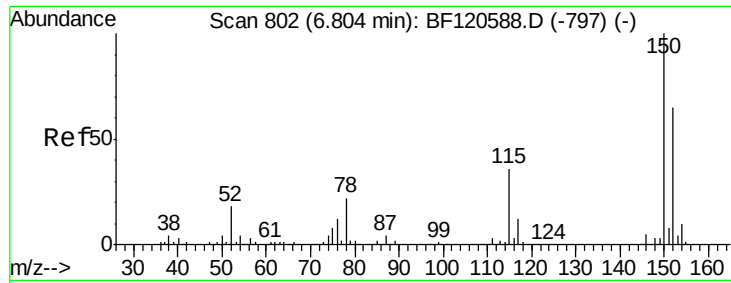
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	100374	22.527	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	134621	24.351	ng	98
44) 2,4,5-Trichlorophenol	9.11	196	153882	24.482	ng	97
46) 1,1'-Biphenyl	9.26	154	509510	25.475	ng	98
47) 2-Chloronaphthalene	9.28	162	409119	24.815	ng	99
48) 2-Nitroaniline	9.37	65	122525	23.871	ng	96
49) Acenaphthylene	9.70	152	634589	25.426	ng	99
50) Dimethylphthalate	9.56	163	458022	23.415	ng	99
51) 2,6-Dinitrotoluene	9.62	165	103093	23.683	ng	97
52) Acenaphthene	9.87	154	379791	25.460	ng	98
53) 3-Nitroaniline	9.79	138	123665	24.025	ng	100
54) 2,4-Dinitrophenol	9.89	184	46593	19.862	ng	99
55) Dibenzofuran	10.04	168	583725	25.893	ng	99
56) 4-Nitrophenol	9.95	139	91537	24.388	ng	98
57) 2,4-Dinitrotoluene	10.02	165	140458	24.753	ng	98
58) Fluorene	10.39	166	443950	26.211	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	118586	24.181	ng	100
60) Diethylphthalate	10.26	149	456233	24.200	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	230616	26.374	ng	97
62) 4-Nitroaniline	10.40	138	124566	23.991	ng	94
63) Azobenzene	10.53	77	425805	24.136	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	69020	22.252	ng	96
66) n-Nitrosodiphenylamine	10.49	169	404255	26.093	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	144469	25.008	ng	92
68) Hexachlorobenzene	10.93	284	156401	25.194	ng	95
69) Atrazine	11.02	200	120383	27.428	ng	98
70) Pentachlorophenol	11.13	266	77477	23.124	ng	98
71) Phenanthrene	11.34	178	672268	26.315	ng	99
72) Anthracene	11.40	178	672998	26.063	ng	98
73) Carbazole	11.55	167	655098	25.990	ng	99
74) Di-n-butylphthalate	11.88	149	724006	24.156	ng	99
75) Fluoranthene	12.53	202	752828	25.554	ng	96
77) Benzidine	12.65	184	368199	30.009	ng	99
78) Pyrene	12.76	202	819439	25.086	ng	99
80) Butylbenzylphthalate	13.38	149	320518	22.420	ng	96
81) Benzo(a)anthracene	13.94	228	702960	25.095	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	244023	23.797	ng	99
83) Chrysene	13.99	228	684104	24.059	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	409821	22.616	ng	100
85) Di-n-octyl phthalate	14.55	149	727846	22.180	ng	100
87) Indeno(1,2,3-cd)pyrene	16.82	276	800042	25.003	ng	100
88) Benzo(b)fluoranthene	14.98	252	755155	25.441	ng	99
89) Benzo(k)fluoranthene	15.01	252	688802	25.598	ng	99
90) Benzo(a)pyrene	15.34	252	668349	24.732	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	649791	25.145	ng	99
92) Benzo(g,h,i)perylene	17.25	276	648412	25.637	ng	99

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

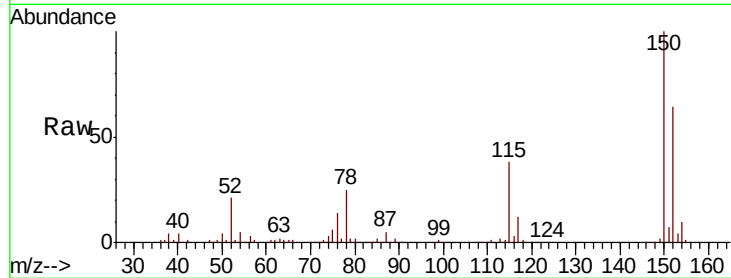


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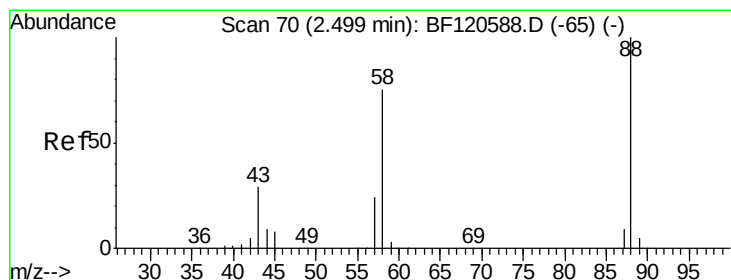
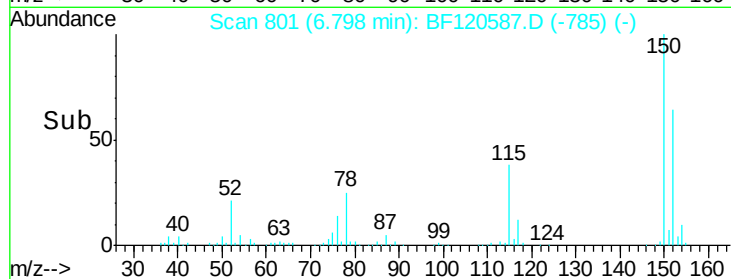
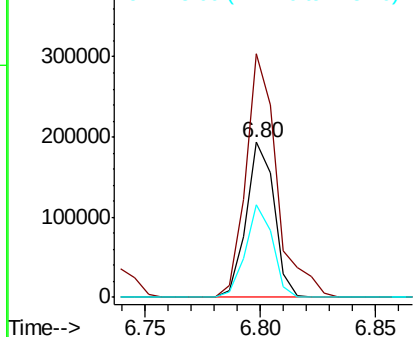
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.2	184.8
115	60.1	43.9	65.9



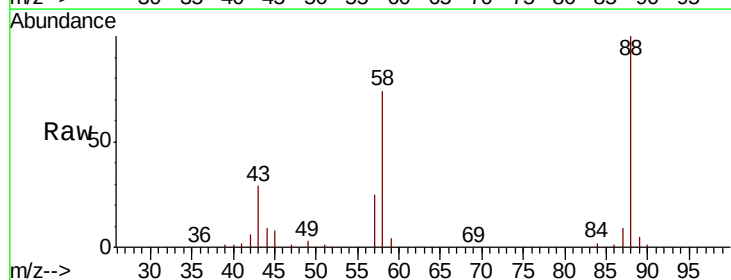
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



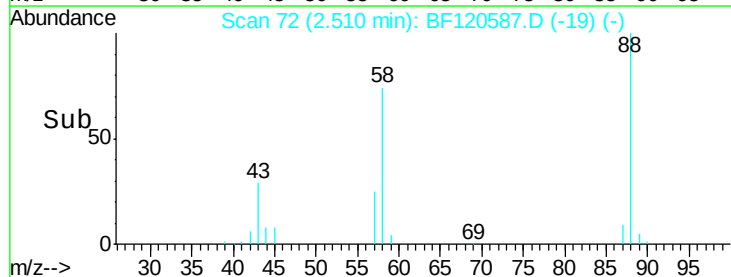
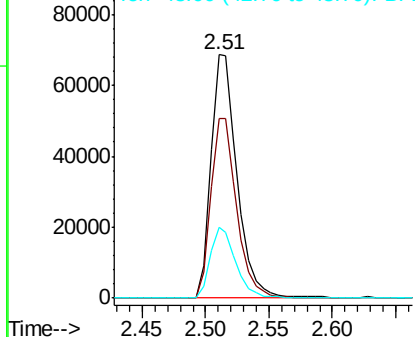
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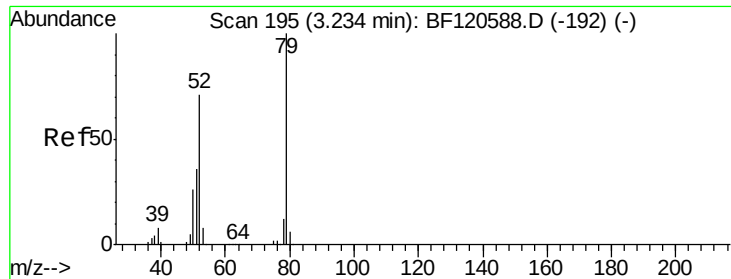
1,4-Dioxane
Concen: 22.594 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	59.6	89.4
43	28.2	23.1	34.7



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: 23.375 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

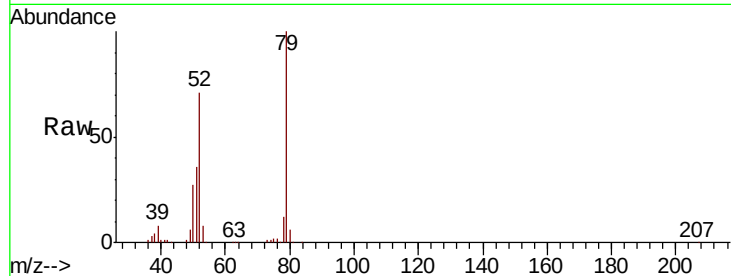
Tot Ion: 79 Resp: 273701

Ion Ratio Lower Upper

79 100

52 70.8 57.0 85.6

51 36.1 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

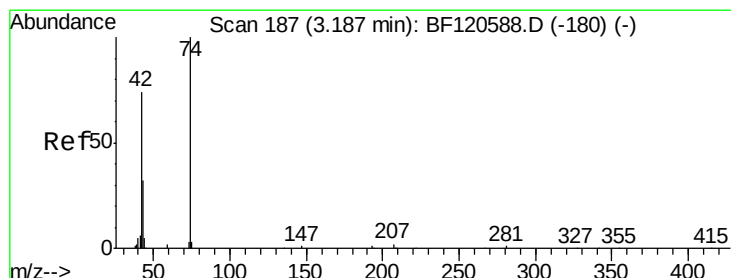
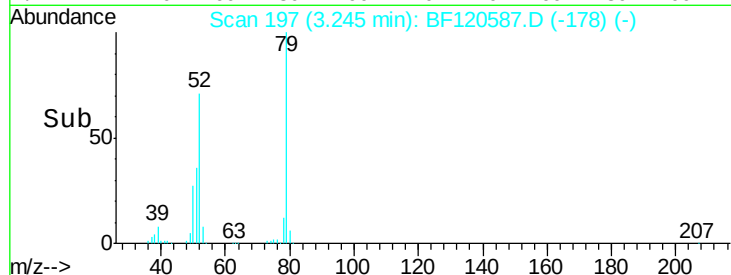
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 23.173 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

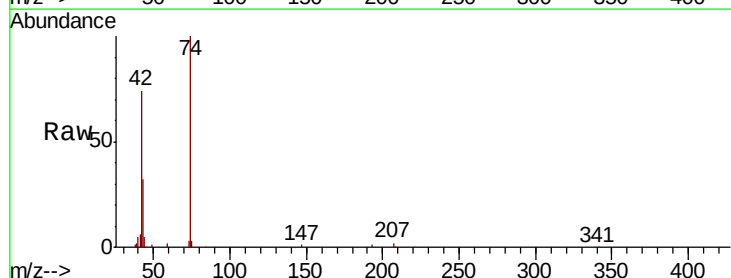
Tgt Ion: 42 Resp: 114857

Ion Ratio Lower Upper

42 100

74 134.3 107.8 161.6

44 6.5 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

120000

100000

80000

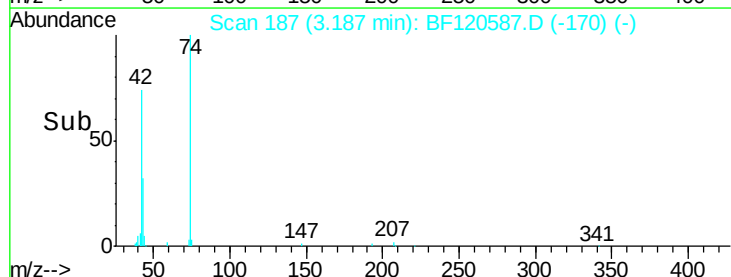
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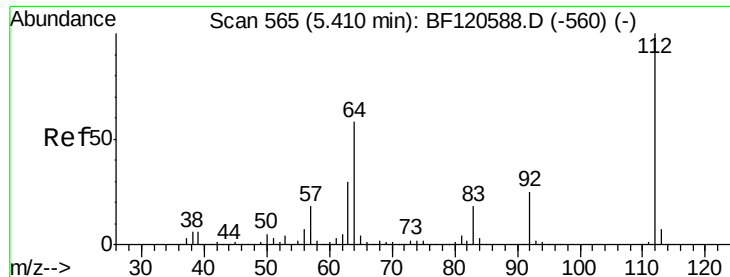
40000

20000

0

Time-->





#5

2-Fluorophenol

Concen: 50.979 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

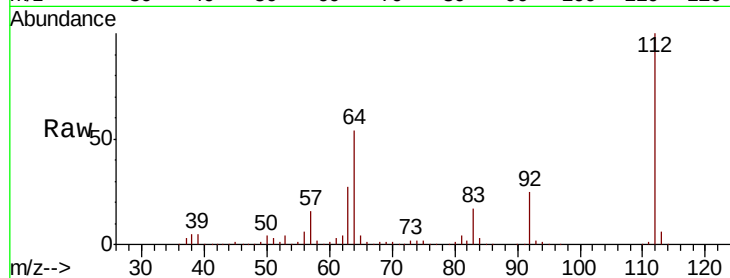
Tot Ion:112 Resp: 427356

Ion Ratio Lower Upper

112 100

64 53.8 46.1 69.1

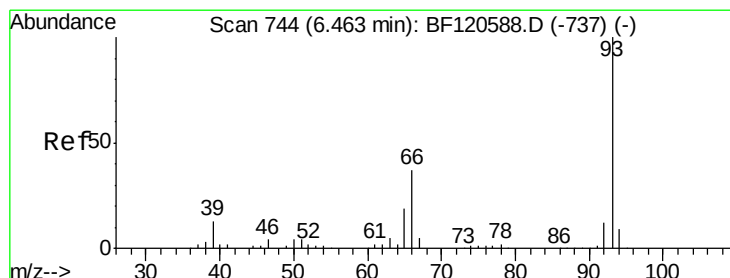
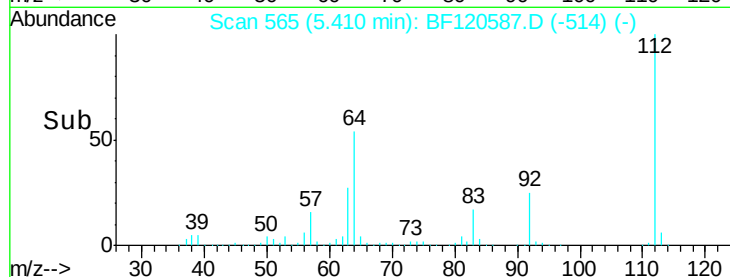
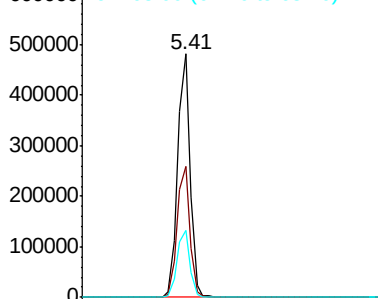
63 27.4 23.7 35.5



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: 22.169 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

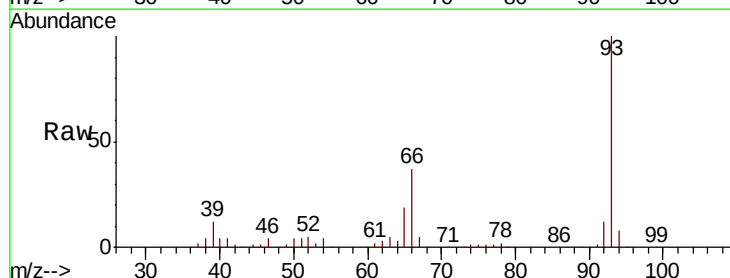
Tgt Ion: 93 Resp: 318016

Ion Ratio Lower Upper

93 100

66 36.7 30.9 46.3

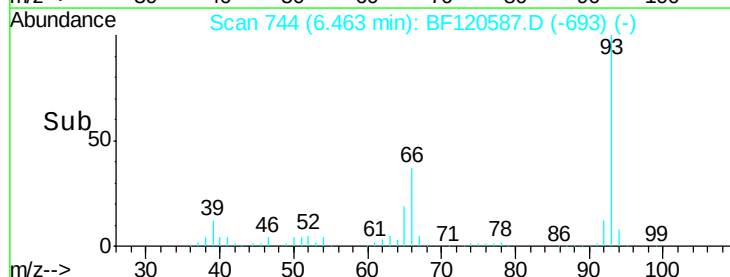
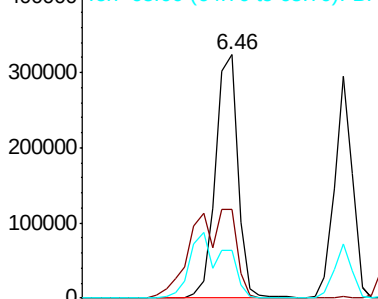
65 19.4 15.9 23.9

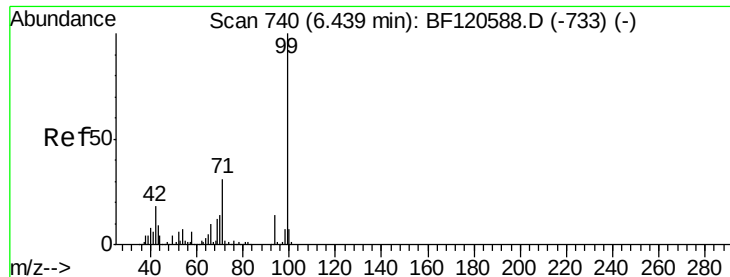


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 49.056 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

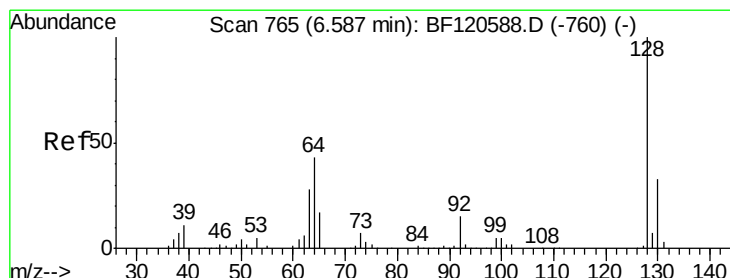
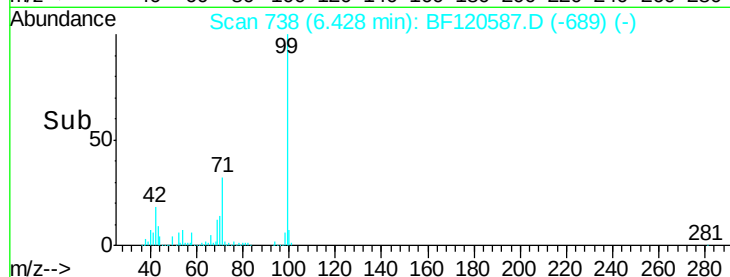
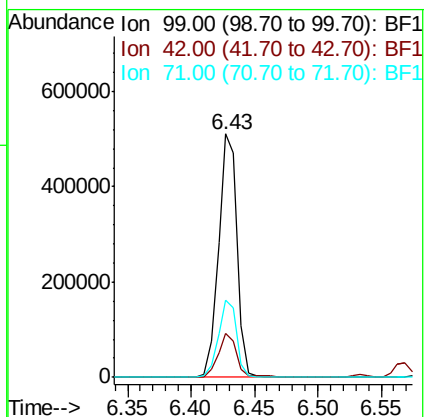
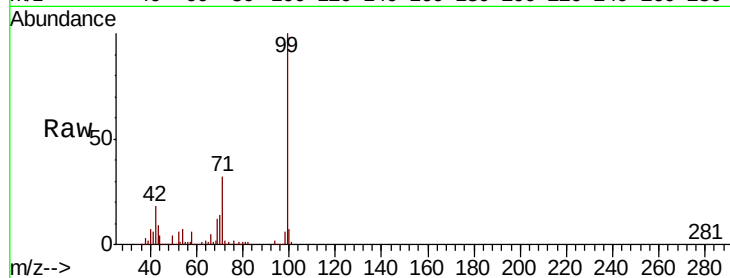
Tot Ion: 99 Resp: 521265

Ion Ratio Lower Upper

99 100

42 18.3 14.0 21.0

71 31.6 24.9 37.3



#8

2-Chlorophenol

Concen: 24.846 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

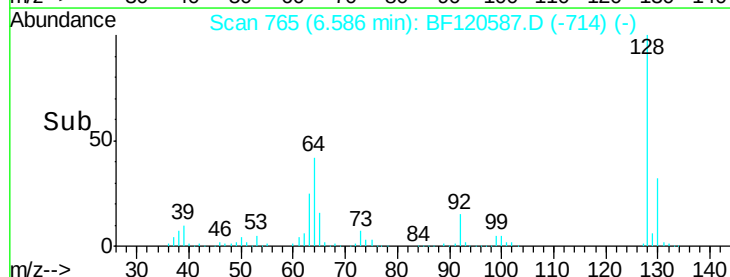
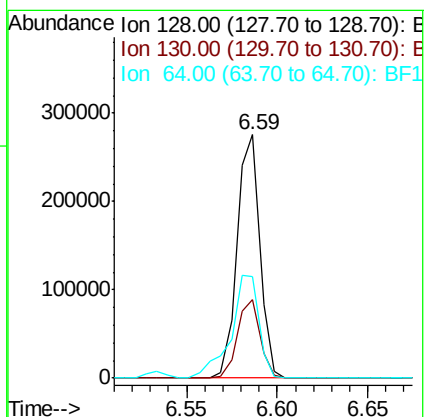
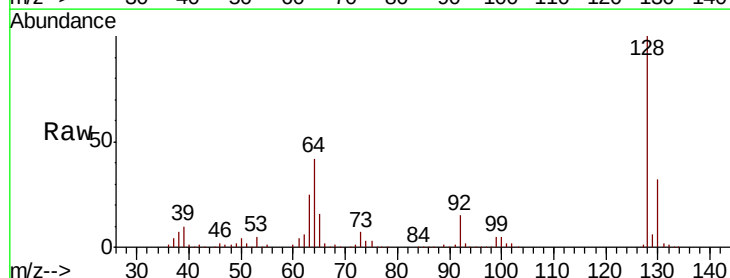
Tgt Ion: 128 Resp: 240739

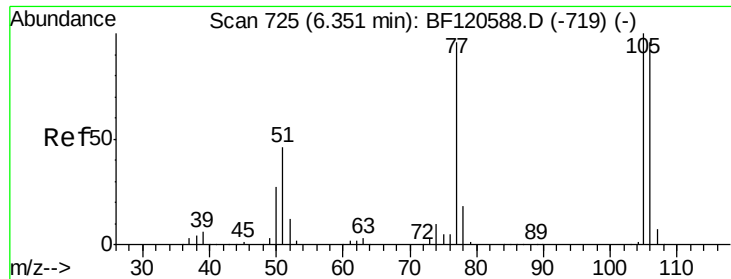
Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 41.7 24.3 64.3

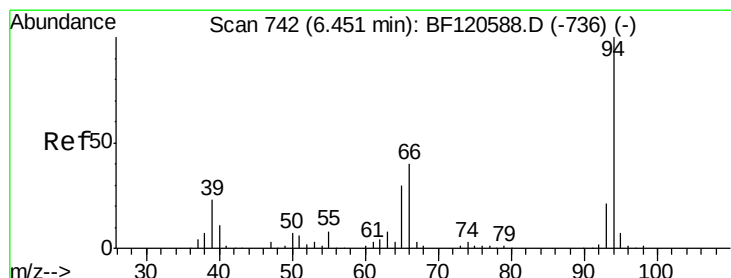
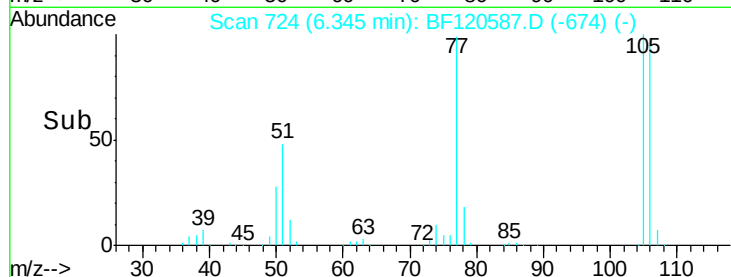
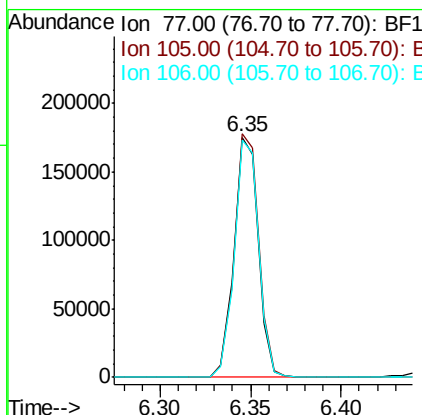
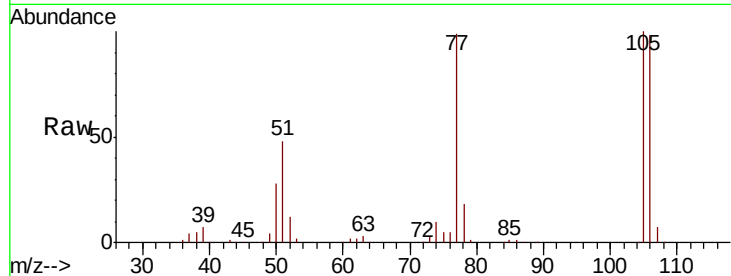




#9
Benzaldehyde
Concen: 29.713 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

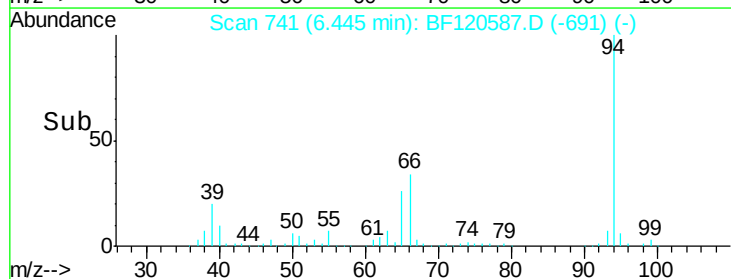
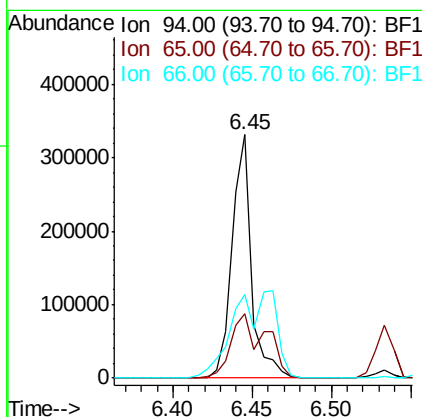
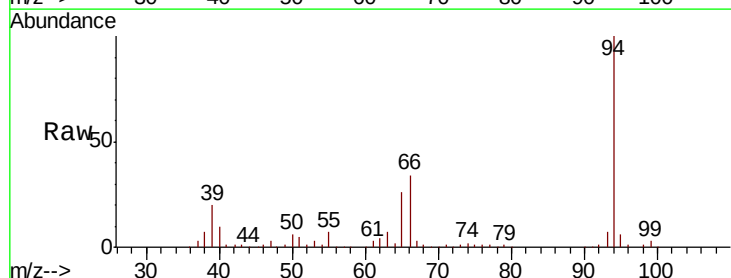
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

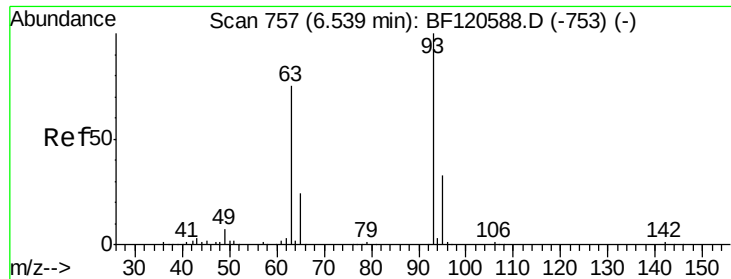
Tot Ion: 77 Resp: 162992
Ion Ratio Lower Upper
77 100
105 101.4 83.8 123.8
106 99.1 79.3 119.3



#10
Phenol
Concen: 22.870 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion: 94 Resp: 281715
Ion Ratio Lower Upper
94 100
65 26.2 9.9 49.9
66 34.2 20.1 60.1

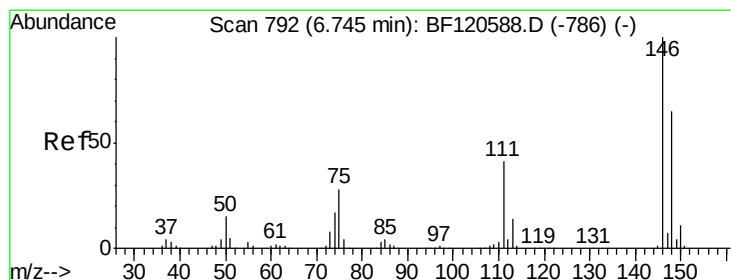
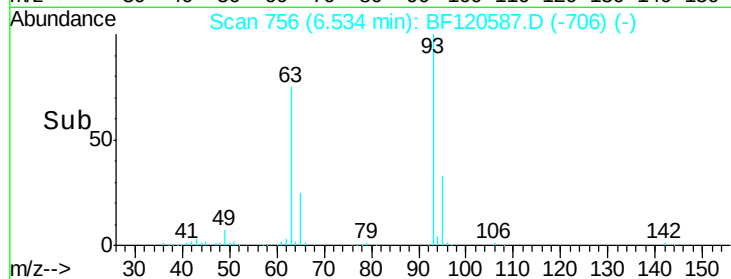
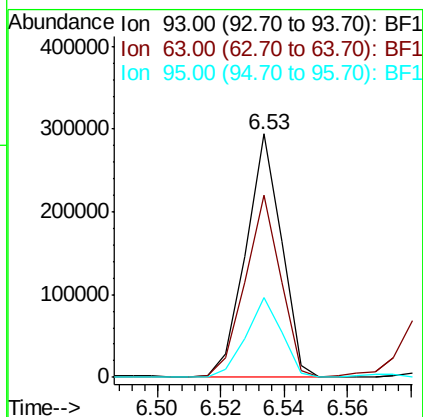
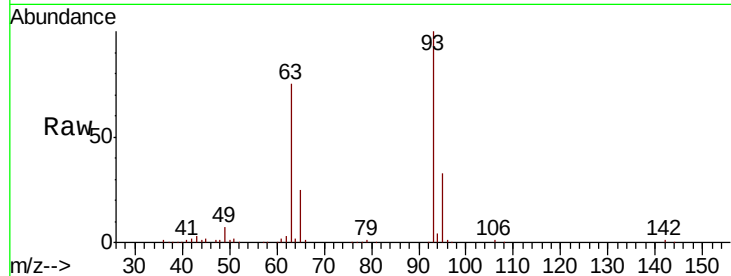




#11
bis(2-Chloroethyl)ether
Concen: 23.688 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

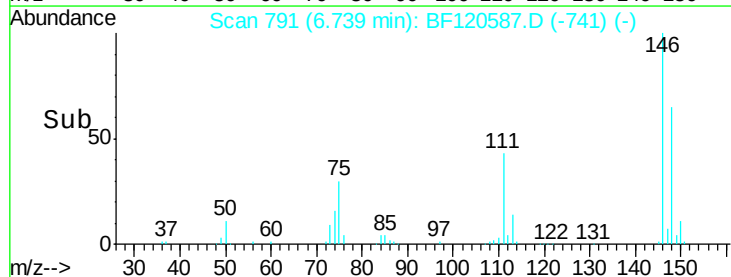
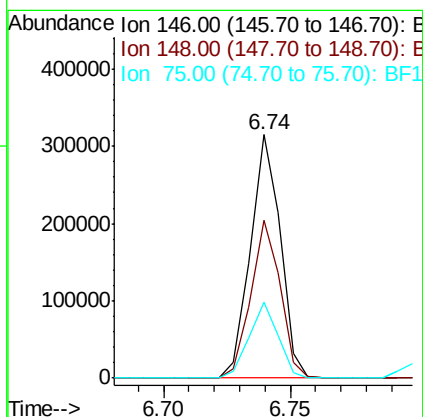
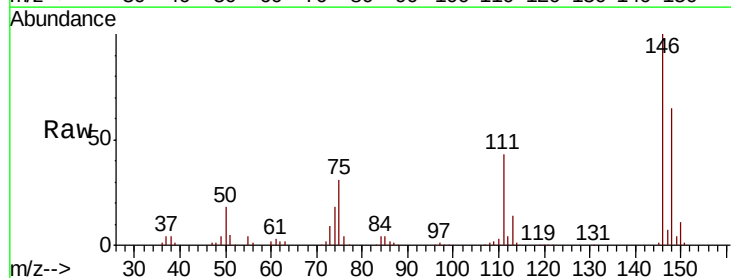
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

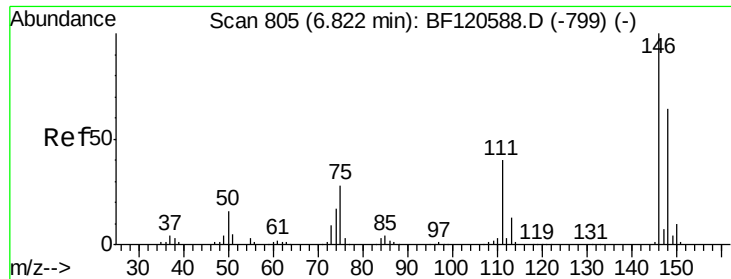
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	54.4	94.4
95	32.6	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 24.509 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
75	31.2	22.2	33.4

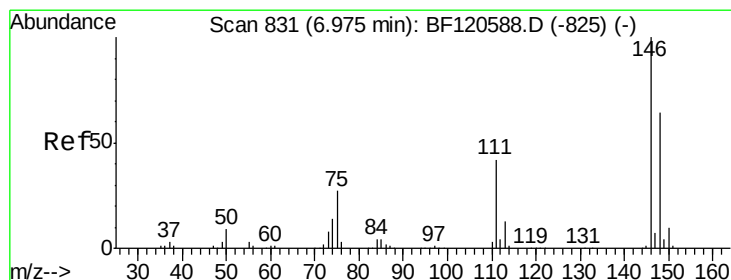
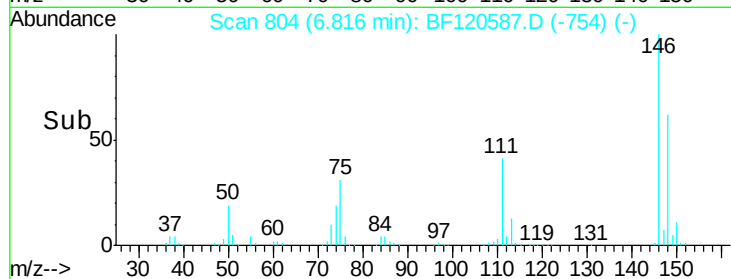
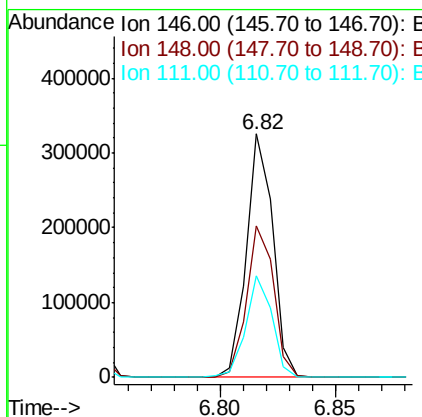
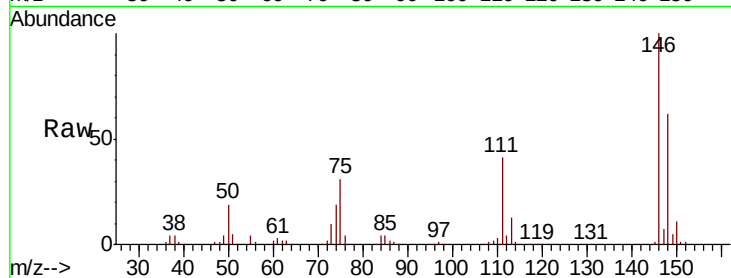




#13
1,4-Dichlorobenzene
Concen: 24.602 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

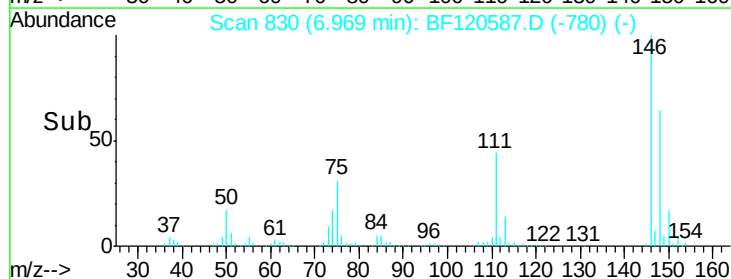
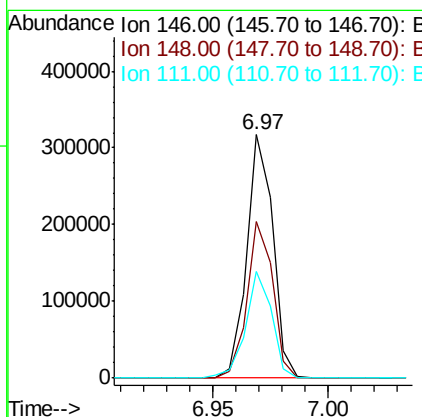
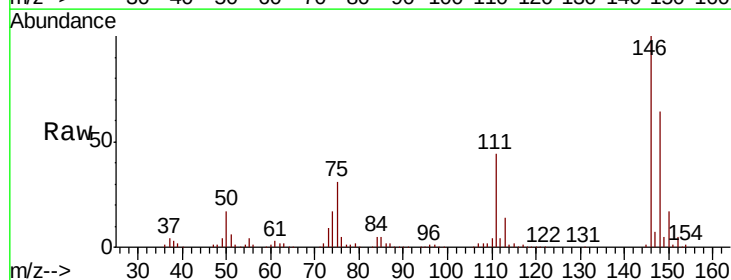
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

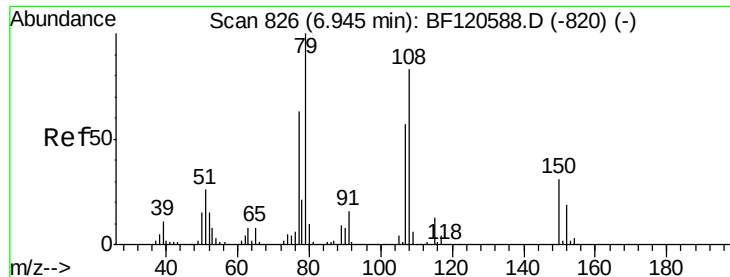
Tot Ion:146 Resp: 262049
Ion Ratio Lower Upper
146 100
148 62.2 51.5 77.3
111 41.5 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 24.183 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:146 Resp: 251141
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 43.8 33.6 50.4





#15

Benzyl Alcohol

Concen: 23.976 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

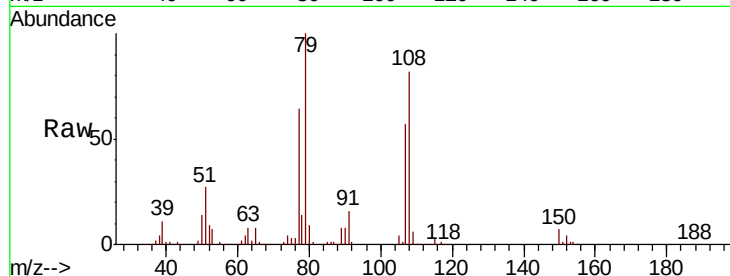
Tot Ion: 79 Resp: 197381

Ion Ratio Lower Upper

79 100

108 81.9 66.8 100.2

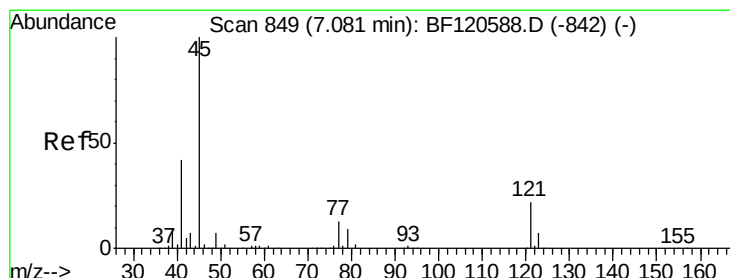
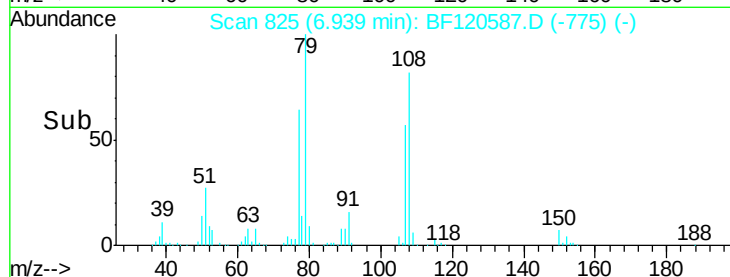
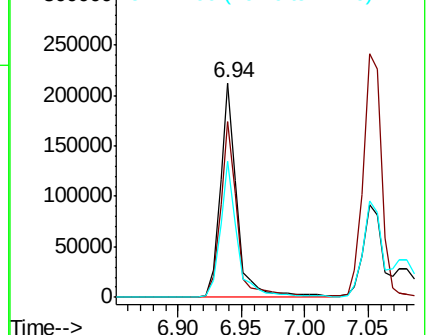
77 63.6 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.060 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

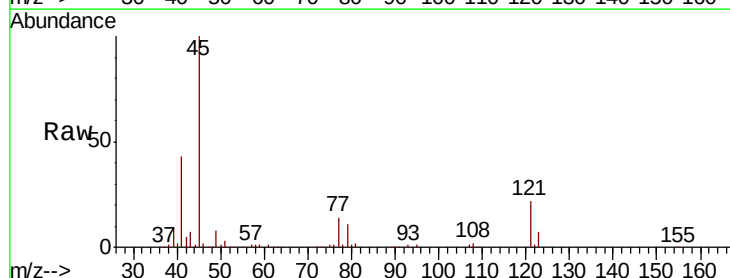
Tgt Ion: 45 Resp: 343252

Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.2

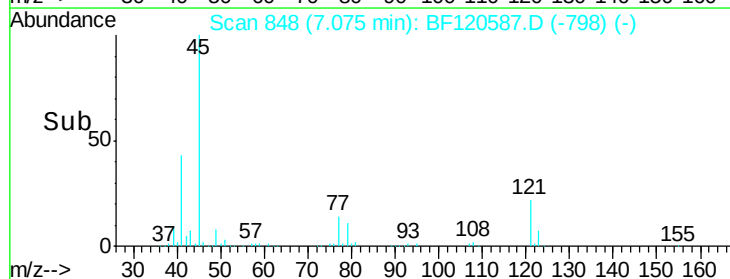
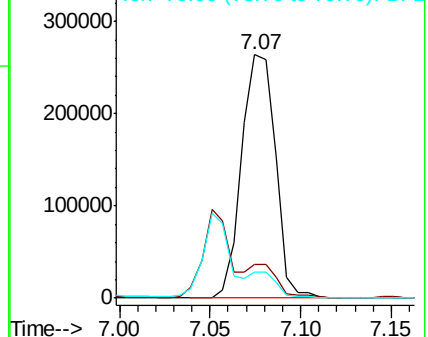
79 10.5 0.0 30.9

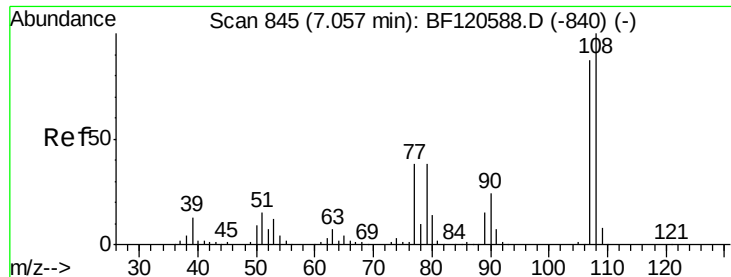


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 24.834 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:107 Resp: 211229

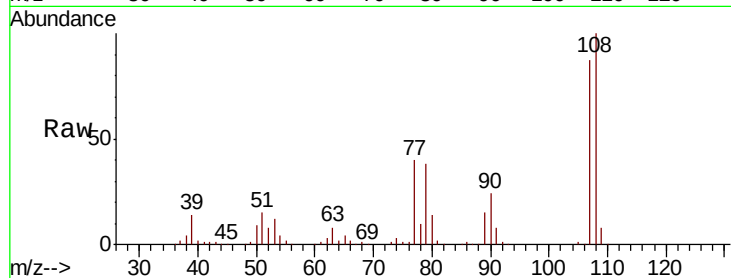
Ion Ratio Lower Upper

107 100

108 115.1 91.9 137.9

77 45.8 35.4 53.2

79 43.7 34.8 52.2

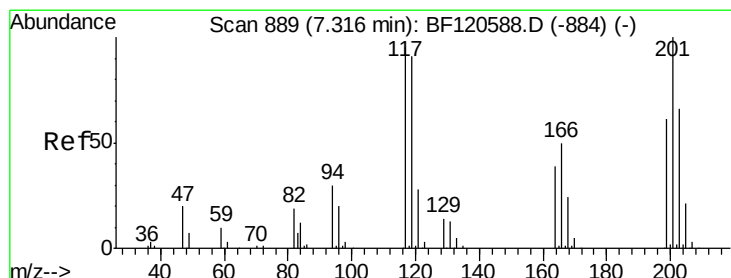
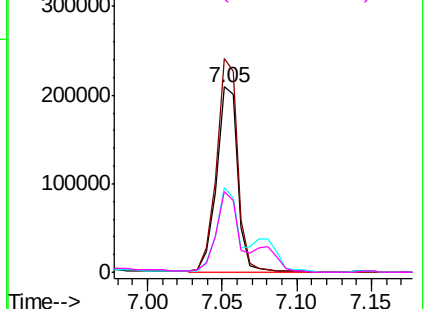
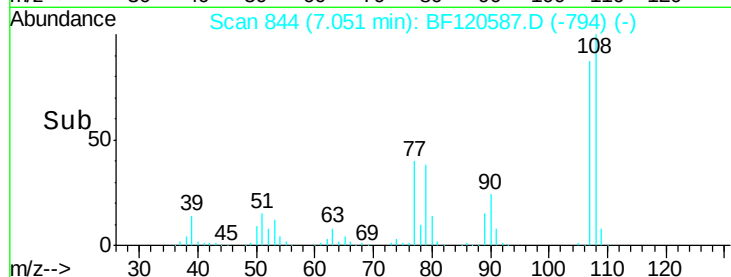


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.226 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

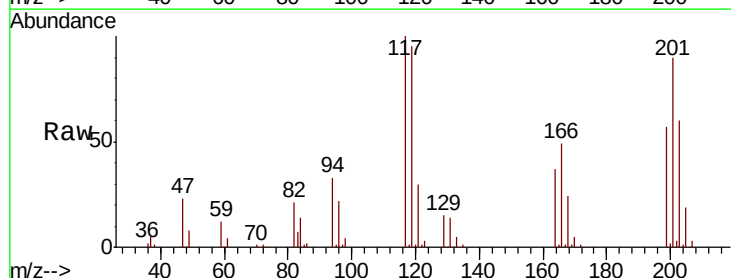
Tgt Ion:117 Resp: 94387

Ion Ratio Lower Upper

117 100

119 95.3 76.9 115.3

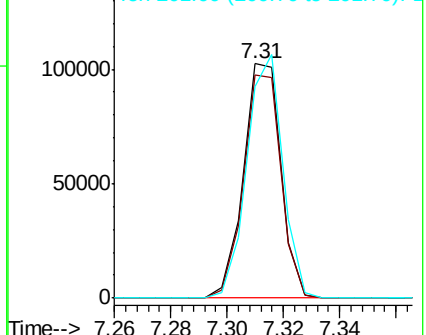
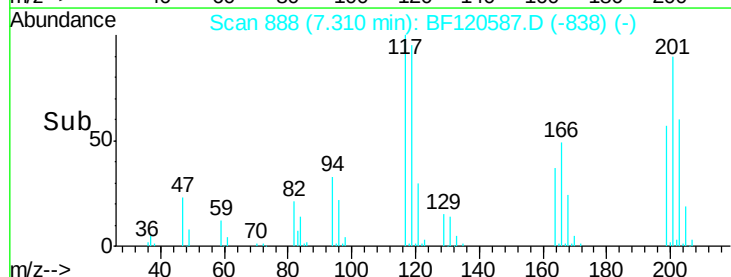
201 90.2 84.6 127.0

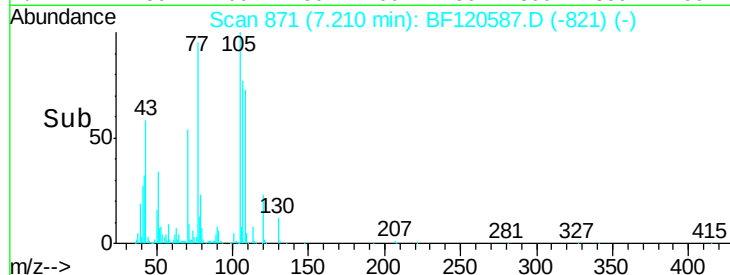
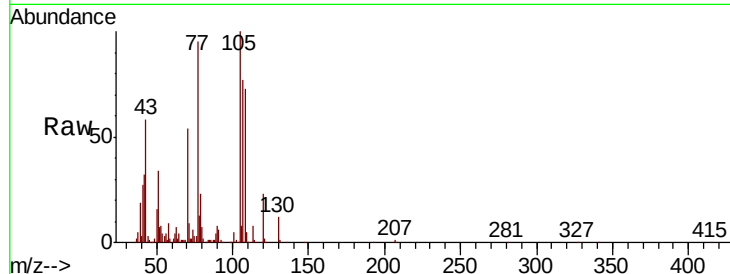
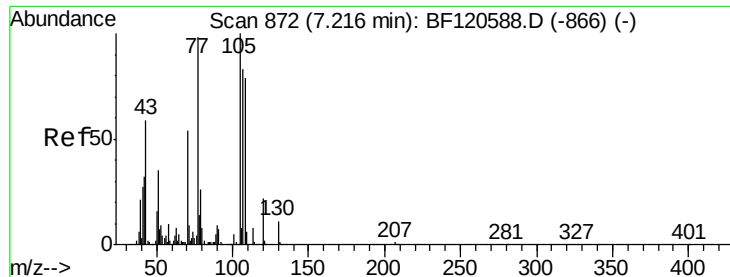


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

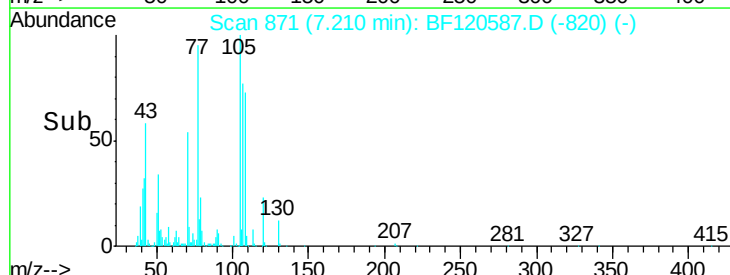
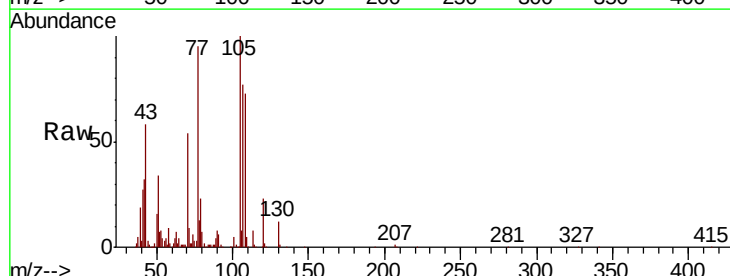
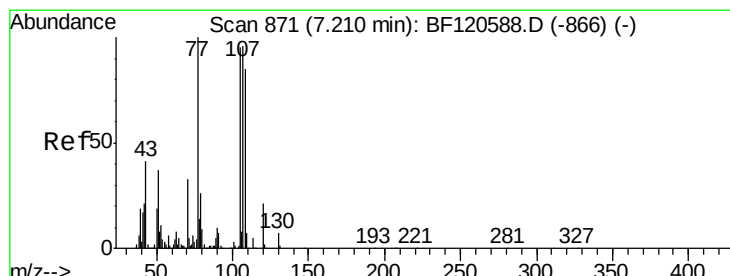
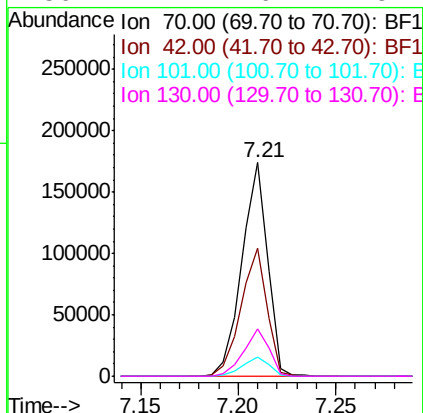




#19
n-Nitroso-di-n-propylamine
Concen: 24.324 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

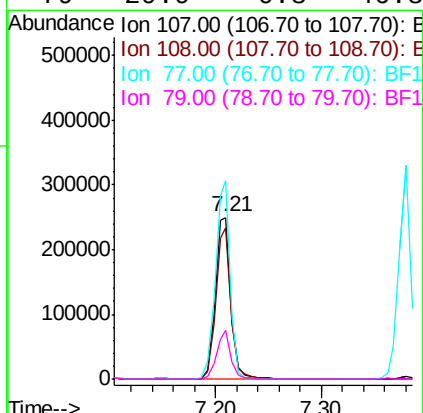
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

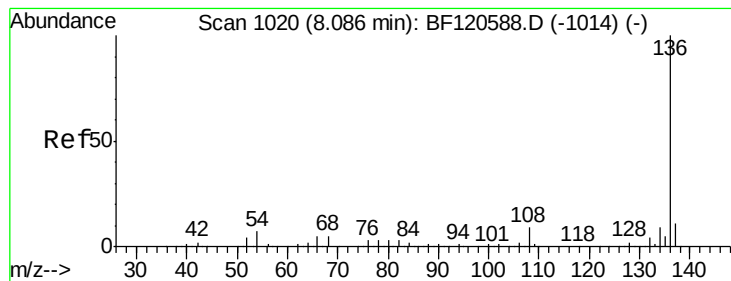
Tot Ion: 70 Resp: 158697
Ion Ratio Lower Upper
70 100
42 59.9 47.7 71.5
101 9.1 7.6 11.4
130 22.1 16.7 25.1



#20
3+4-Methylphenols
Concen: 24.430 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion: 107 Resp: 259126
Ion Ratio Lower Upper
107 100
108 93.6 68.7 108.7
77 123.0 84.2 124.2
79 29.9 6.8 46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:136 Resp: 565982

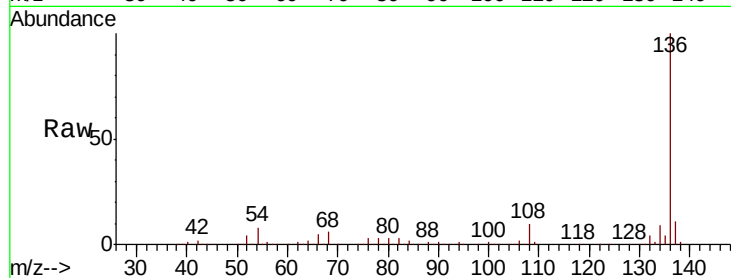
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.7 5.8 8.6

68 5.8 4.4 6.6

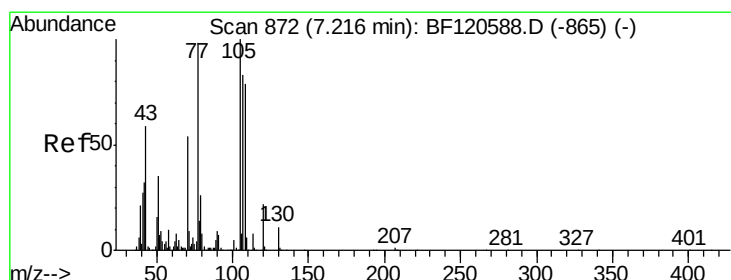
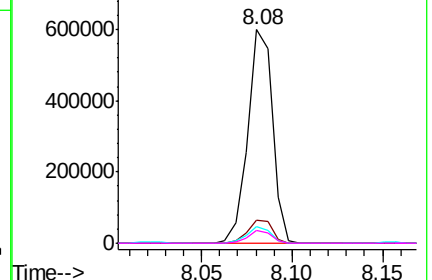
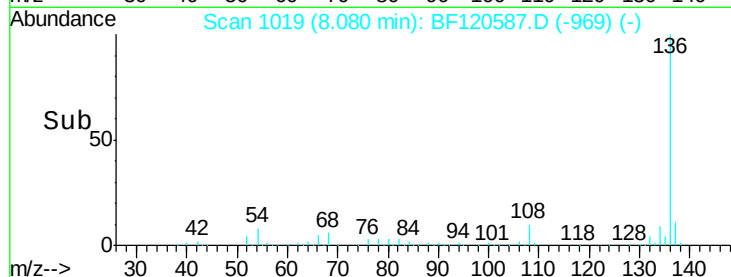


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.428 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Tgt Ion:105 Resp: 307506

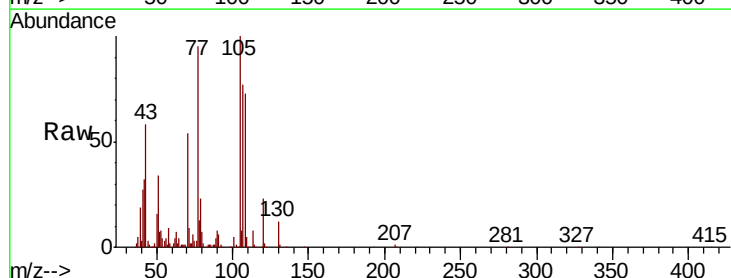
Ion Ratio Lower Upper

105 100

71 8.8 7.2 10.8

51 33.5 27.8 41.8

120 22.7 18.0 27.0

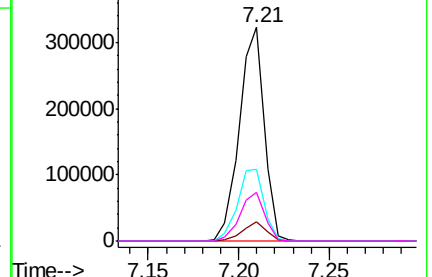
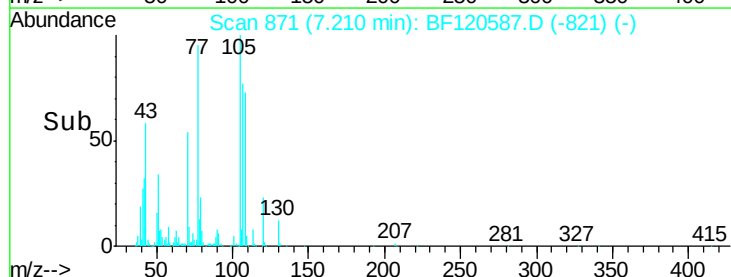


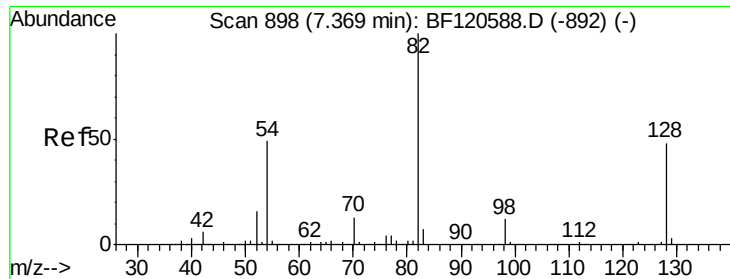
Abundance Ion 105.00 (104.70 to 105.70): E

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

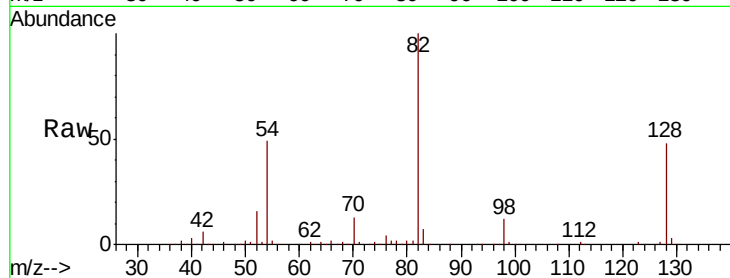




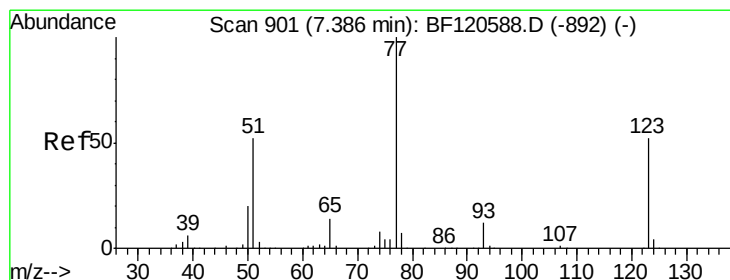
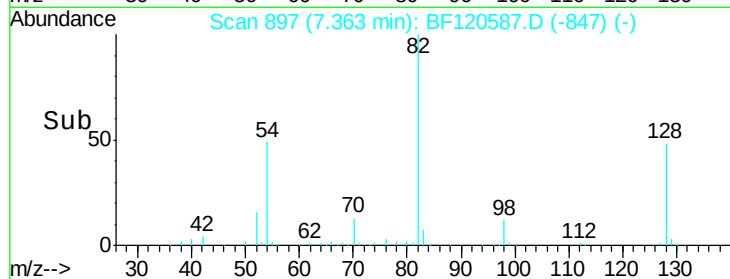
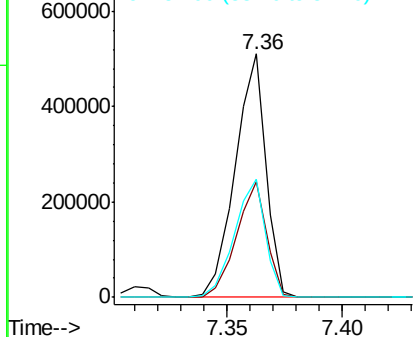
#23
Nitrobenzene-d5
Concen: 51.998 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion: 82 Resp: 471950
Ion Ratio Lower Upper
82 100
128 47.6 38.0 57.0
54 48.6 38.8 58.2

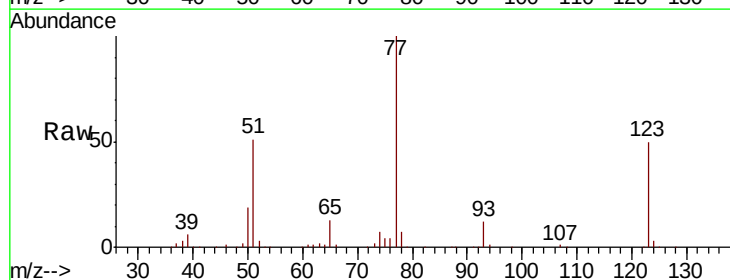


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

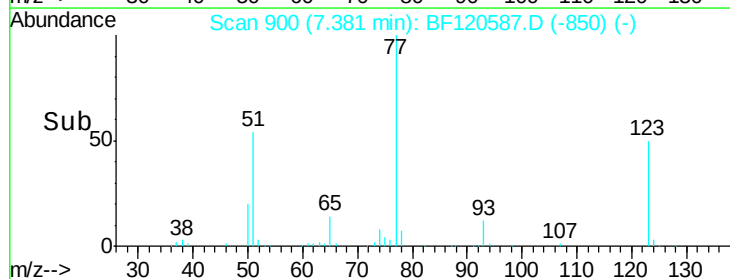
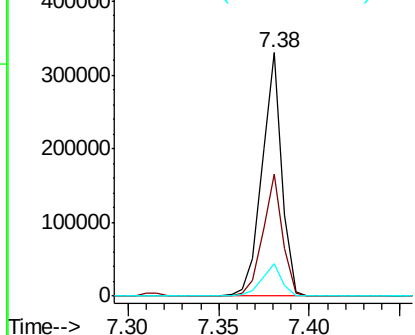


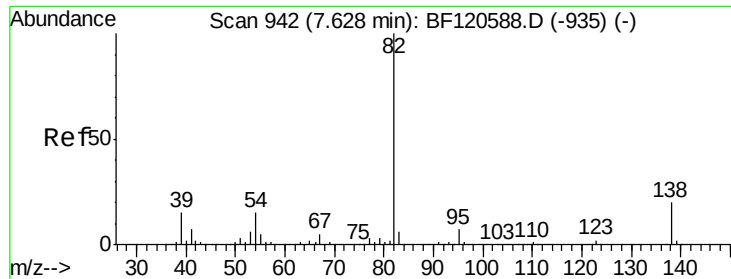
#24
Nitrobenzene
Concen: 26.284 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion: 77 Resp: 250484
Ion Ratio Lower Upper
77 100
123 50.2 41.4 62.0
65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 26.264 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

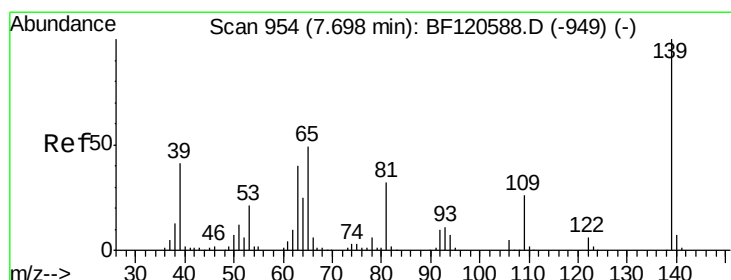
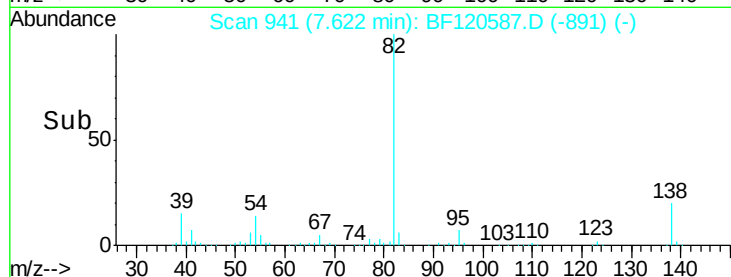
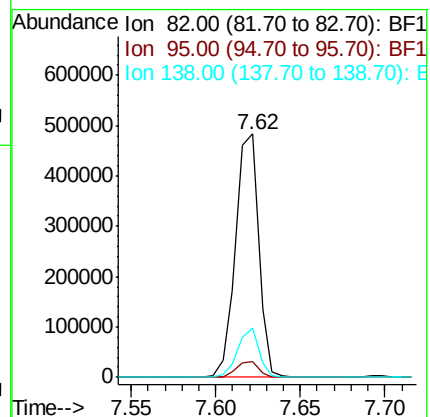
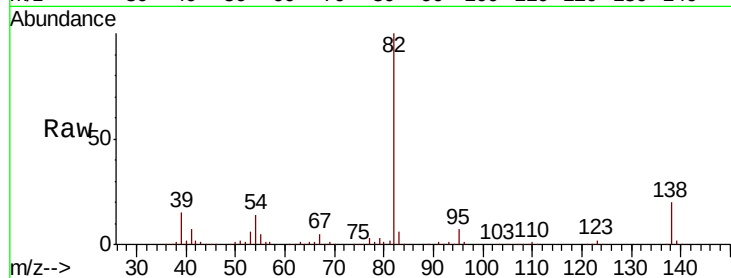
Tot Ion: 82 Resp: 461198

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

138 19.9 16.2 24.4



#26

2-Nitrophenol

Concen: 26.475 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

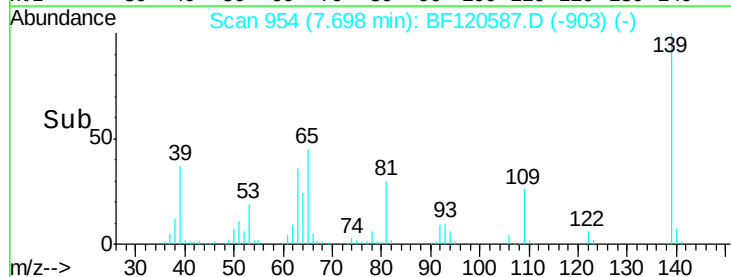
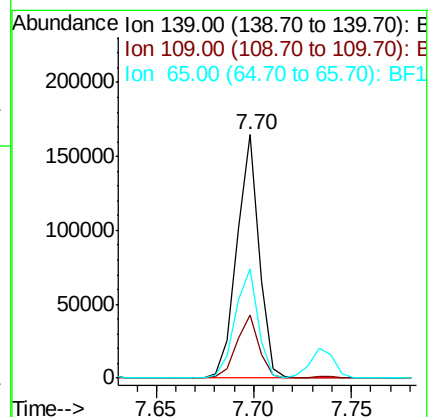
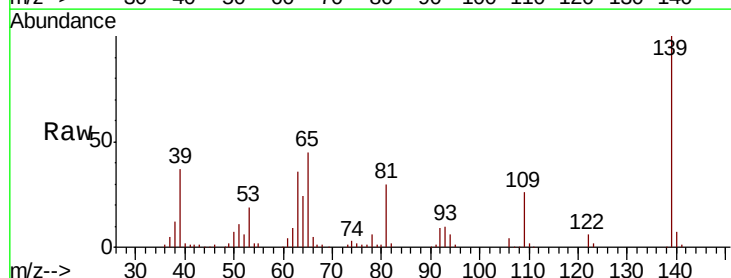
Tgt Ion: 139 Resp: 130114

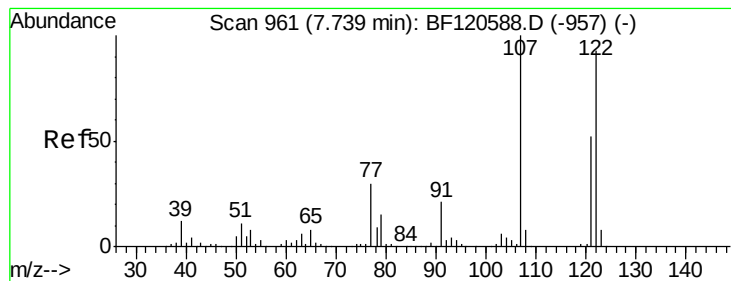
Ion Ratio Lower Upper

139 100

109 25.7 21.1 31.7

65 45.0 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 26.846 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

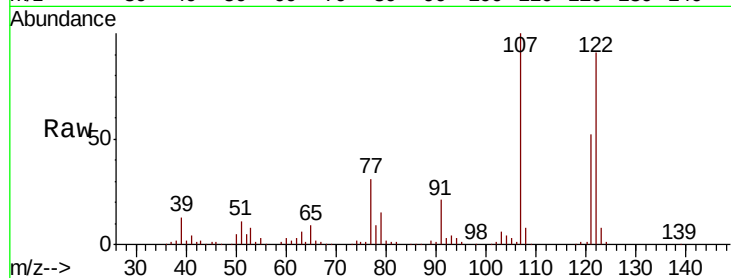
Tot Ion:122 Resp: 192936

Ion Ratio Lower Upper

122 100

107 109.4 86.4 129.6

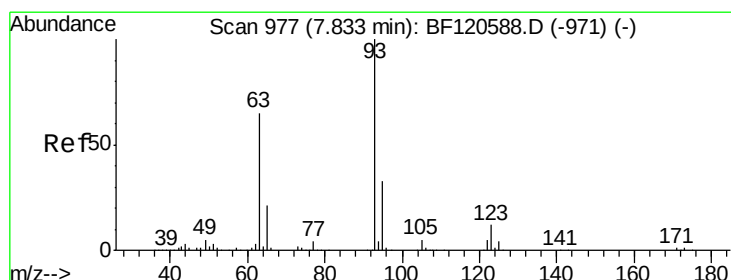
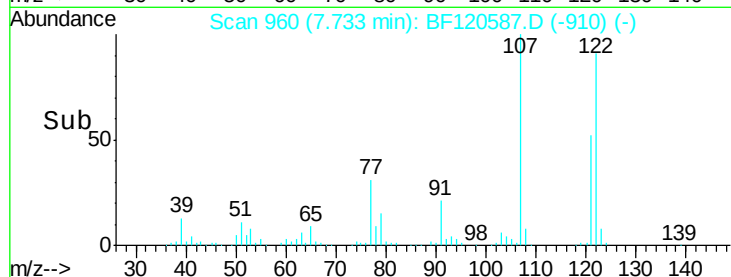
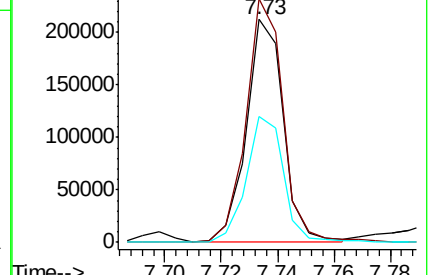
121 56.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.513 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

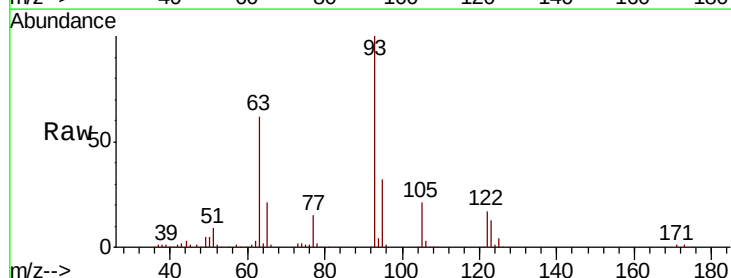
Tgt Ion: 93 Resp: 245379

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

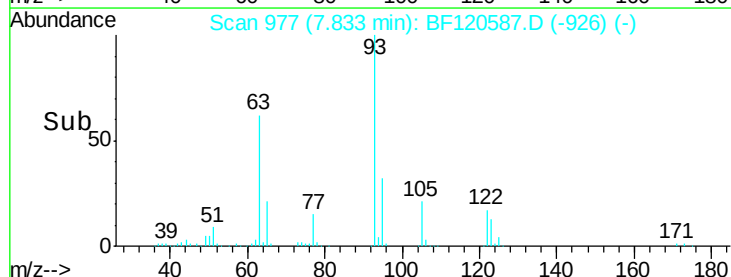
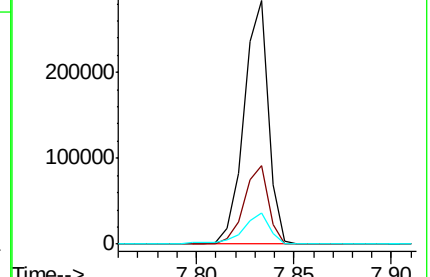
123 13.0 9.5 14.3

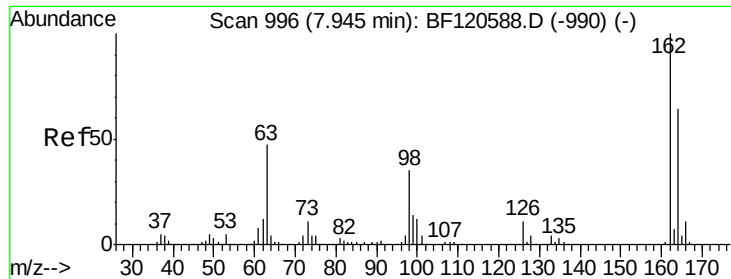


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

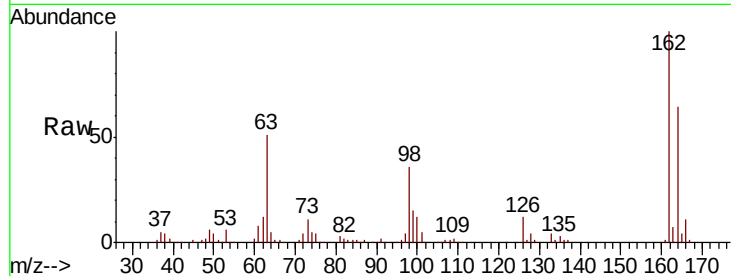




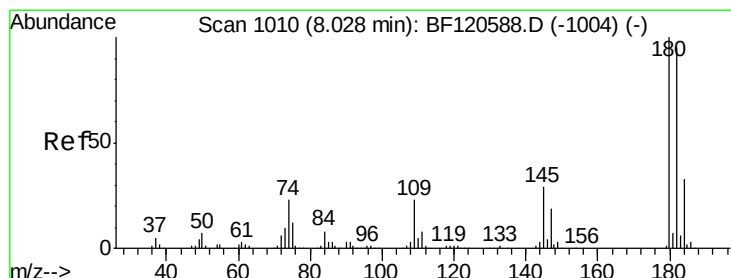
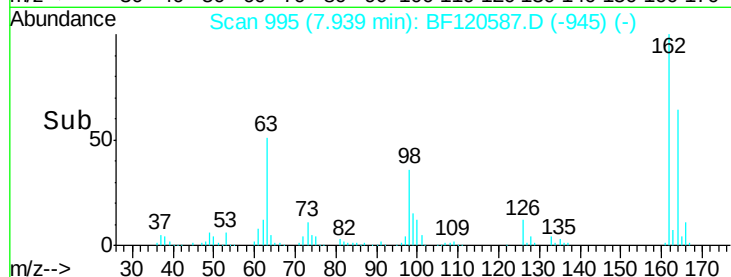
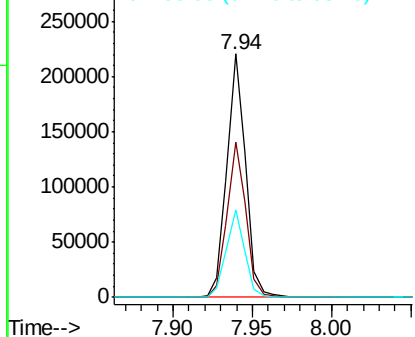
#29
 2,4-Dichlorophenol
 Concen: 24.091 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	36.0	14.7	54.7

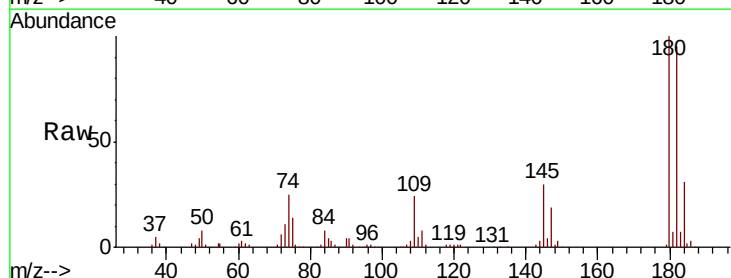


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

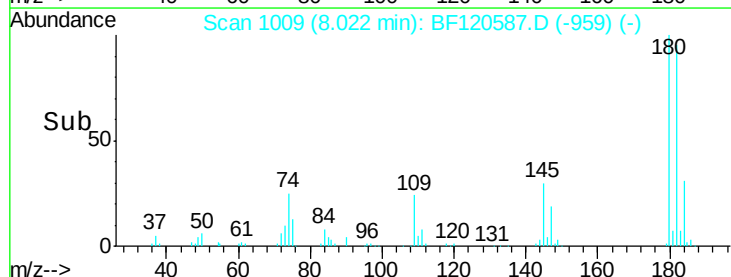
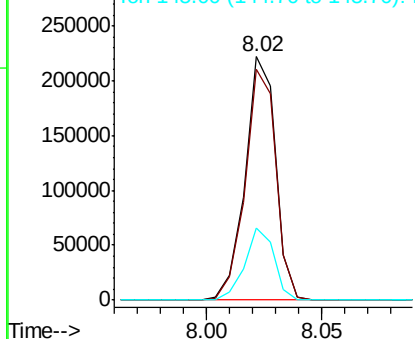


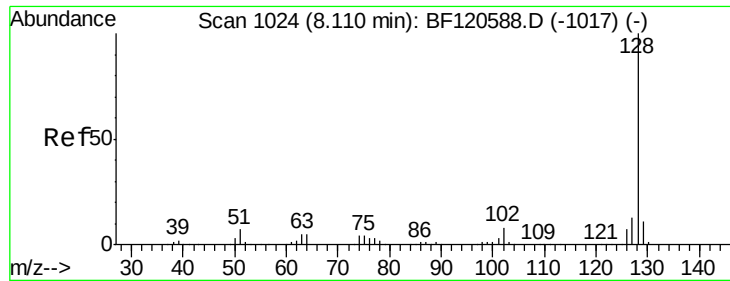
#30
 1,2,4-Trichlorobenzene
 Concen: 24.249 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	29.8	23.0	34.6



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

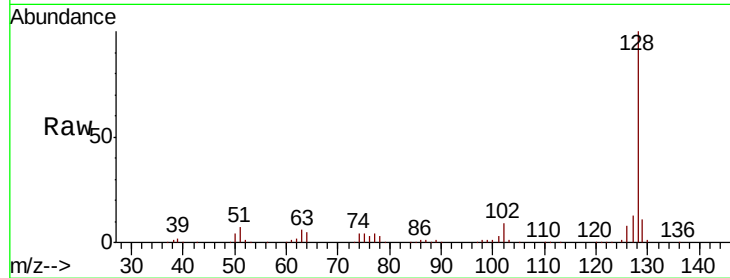




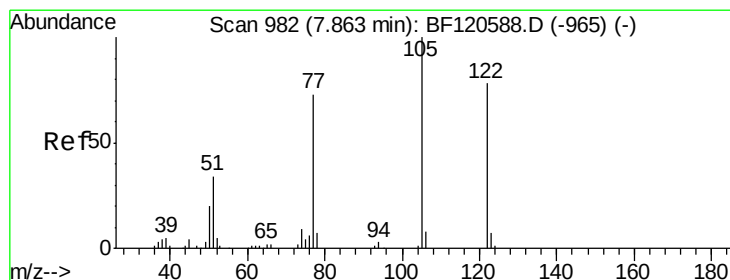
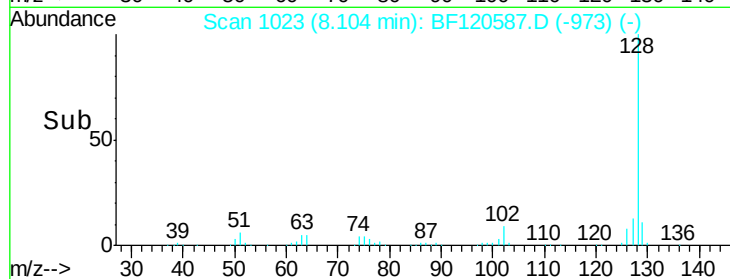
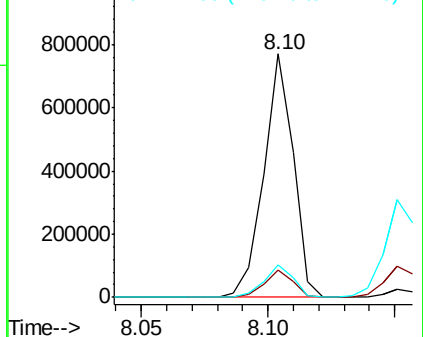
#31
Naphthalene
Concen: 24.773 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:128 Resp: 629076
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.6 15.8

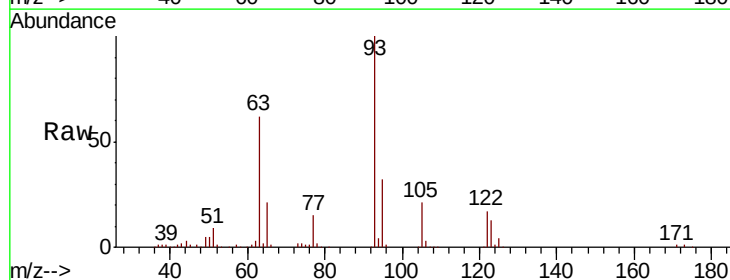


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

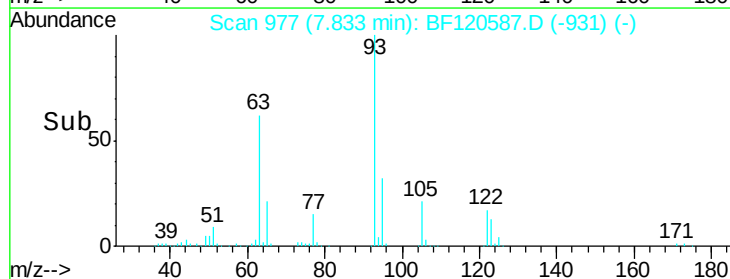
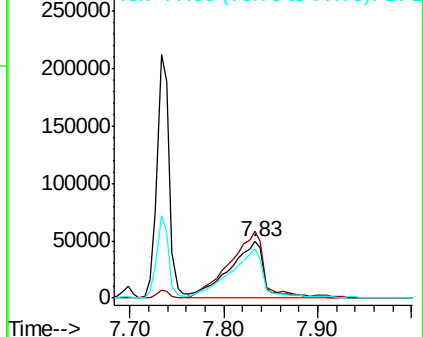


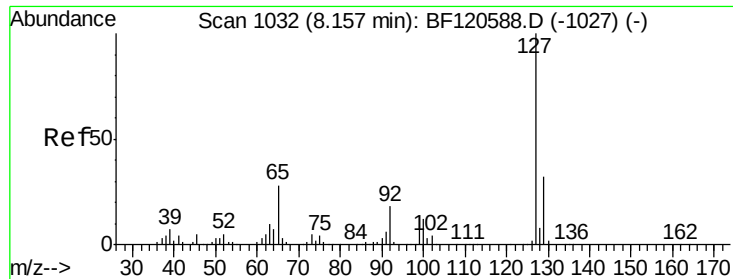
#32
Benzoic acid
Concen: 21.293 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.03 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:122 Resp: 125235
Ion Ratio Lower Upper
122 100
105 118.1 101.0 141.0
77 86.9 69.8 109.8



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

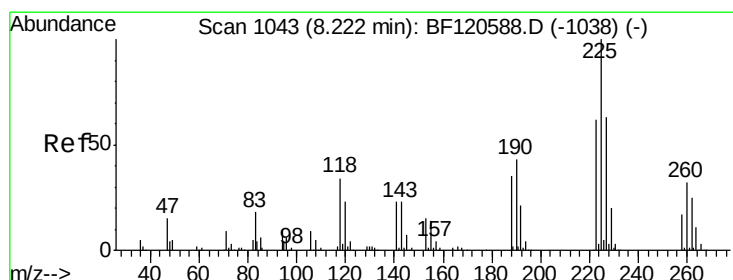
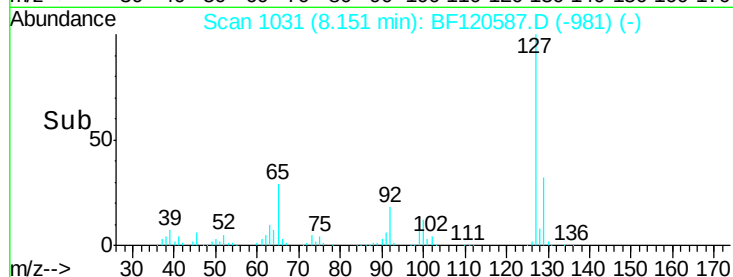
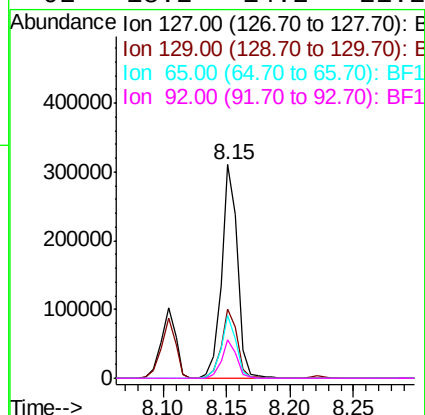
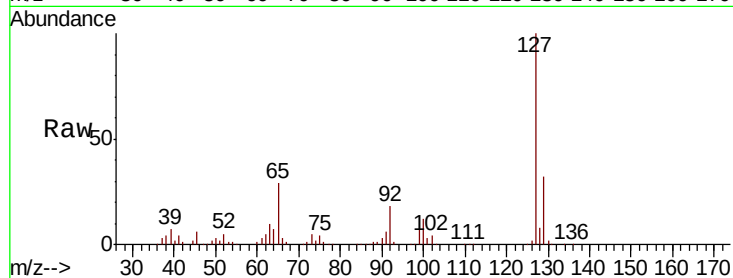




#33
4-Chloroaniline
Concen: 24.102 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

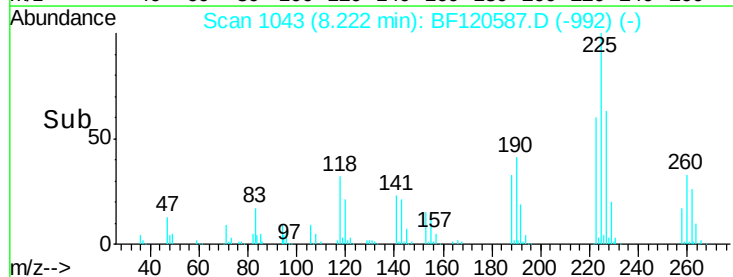
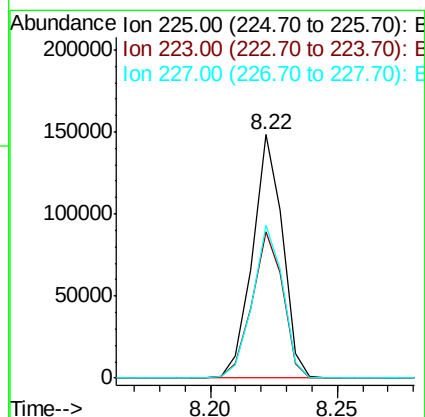
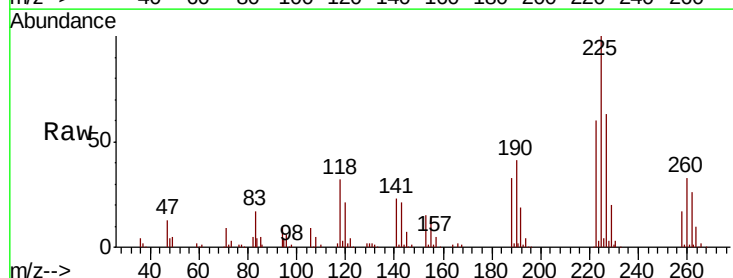
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

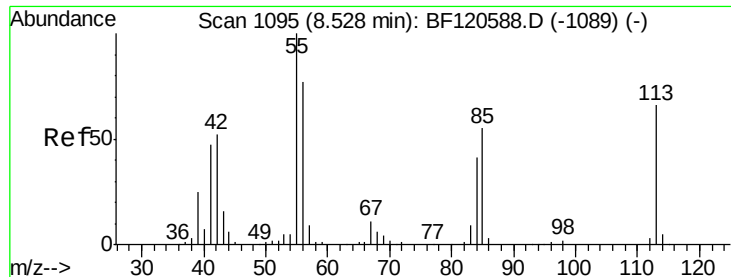
Tot Ion:	127	Resp:	273165
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.5	22.2	33.4
92	18.2	14.2	21.2



#34
Hexachlorobutadiene
Concen: 24.815 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:	225	Resp:	122315
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.9	74.9
227	62.7	50.5	75.7

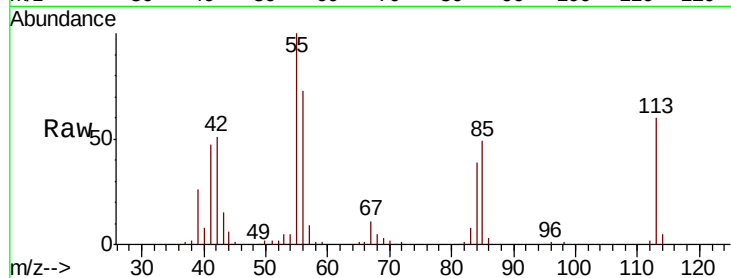




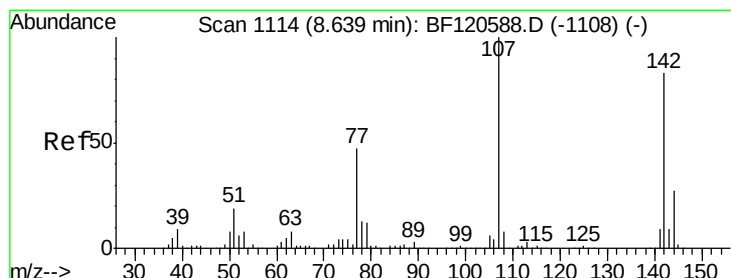
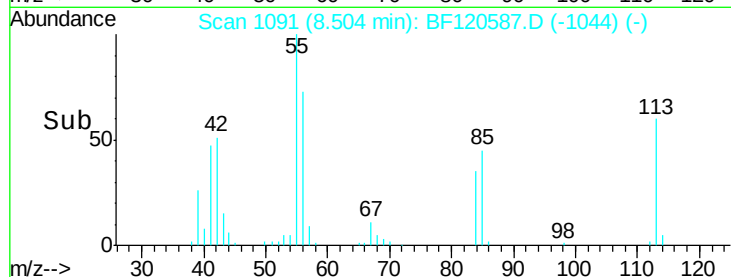
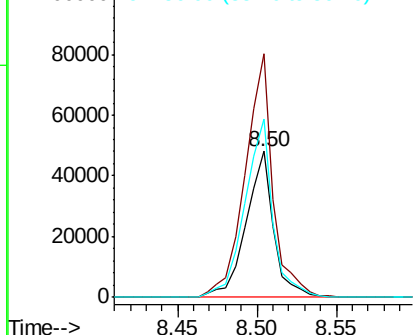
#35
Caprolactam
Concen: 22.208 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:113 Resp: 57294
Ion Ratio Lower Upper
113 100
55 166.7 133.1 173.1
56 121.7 98.4 138.4

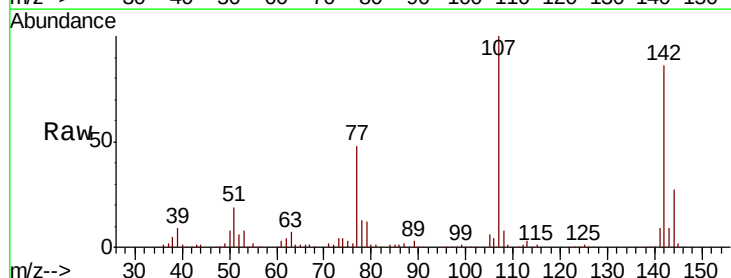


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

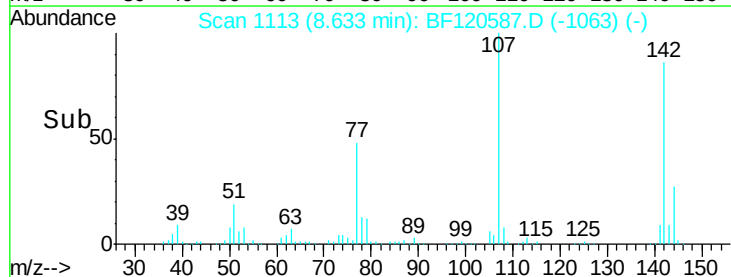
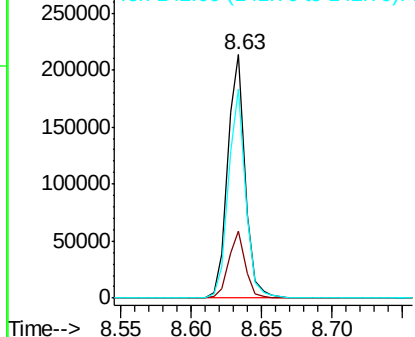


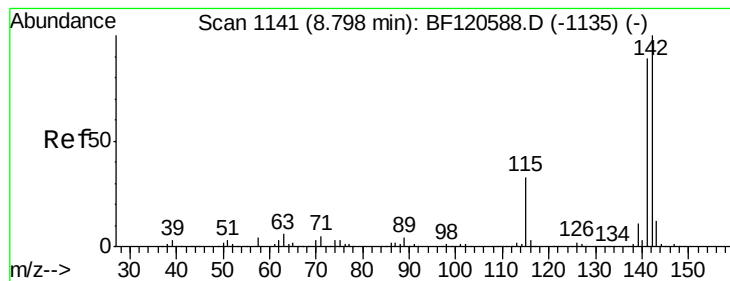
#36
4-Chloro-3-methylphenol
Concen: 23.698 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:107 Resp: 184050
Ion Ratio Lower Upper
107 100
144 27.4 21.4 32.2
142 86.0 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 24.835 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

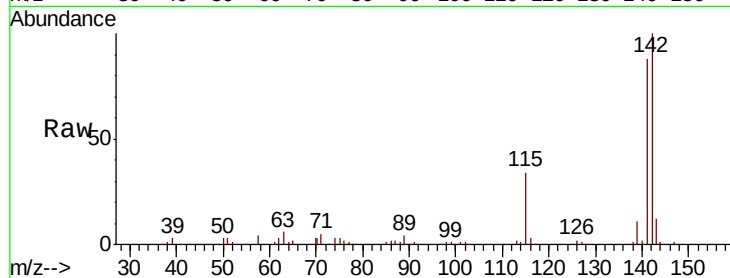
Tot Ion:142 Resp: 419911

Ion Ratio Lower Upper

142 100

141 87.6 71.4 107.0

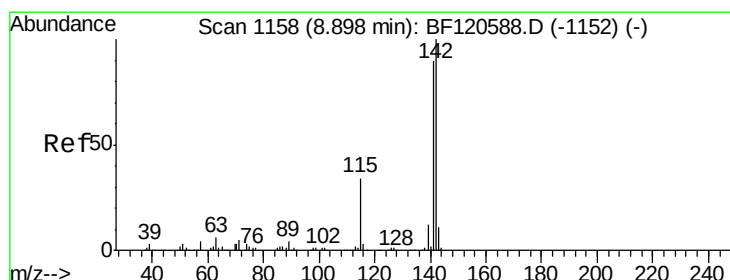
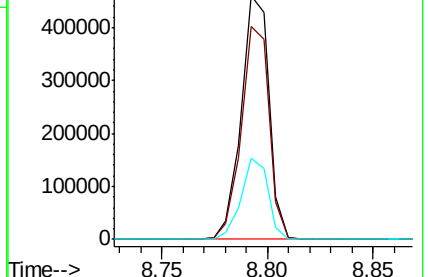
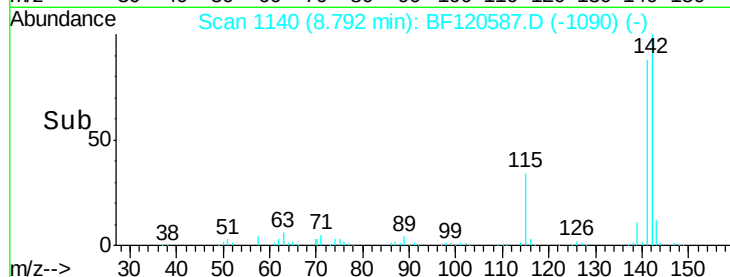
115 33.5 26.1 39.1



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: 25.488 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

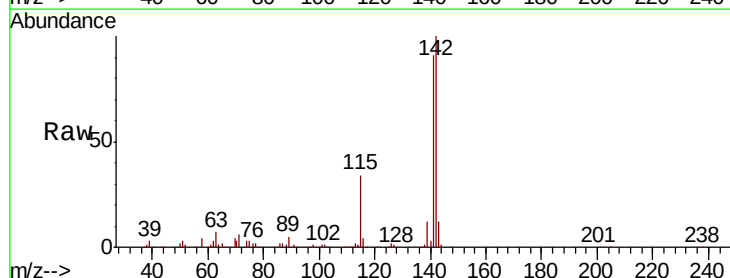
Tgt Ion:142 Resp: 394763

Ion Ratio Lower Upper

142 100

141 91.2 72.1 108.1

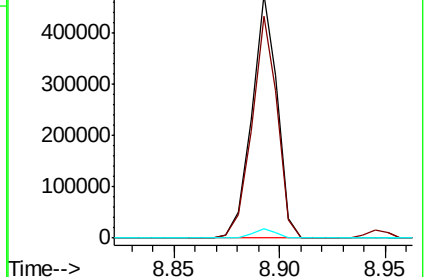
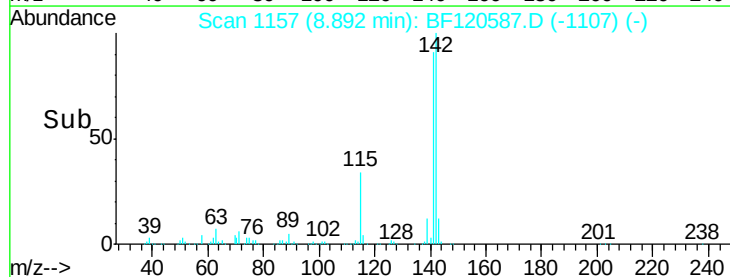
116 3.6 2.7 4.1

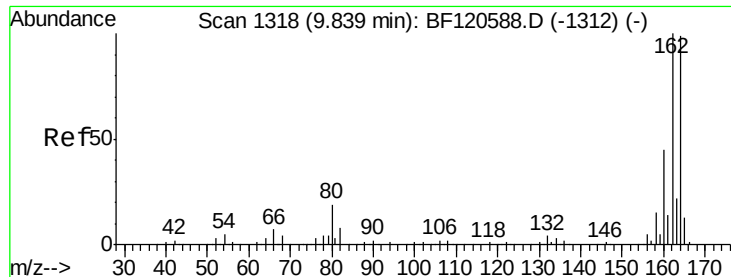


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

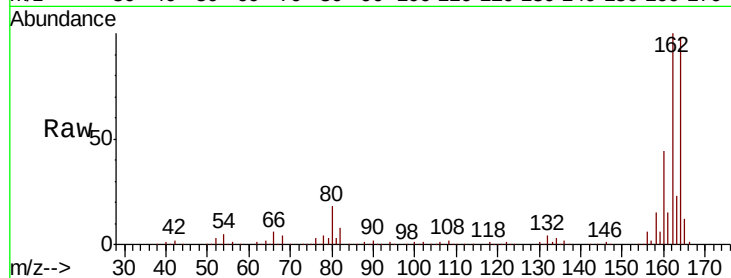
Tot Ion:164 Resp: 294680

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

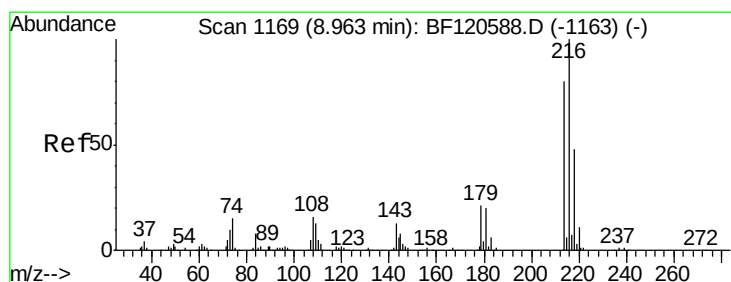
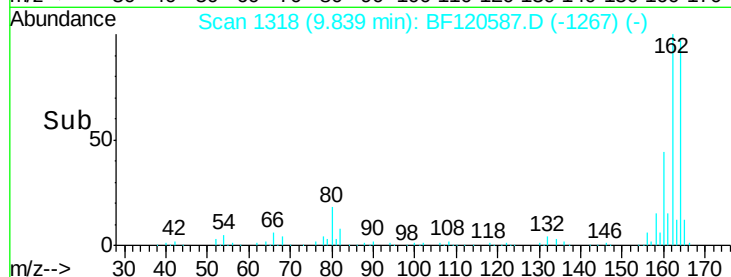
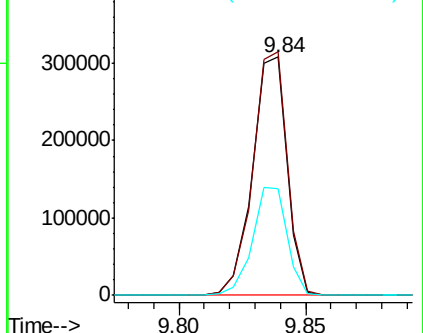
160 44.6 36.2 54.2



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: 25.453 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Tgt Ion:216 Resp: 198344

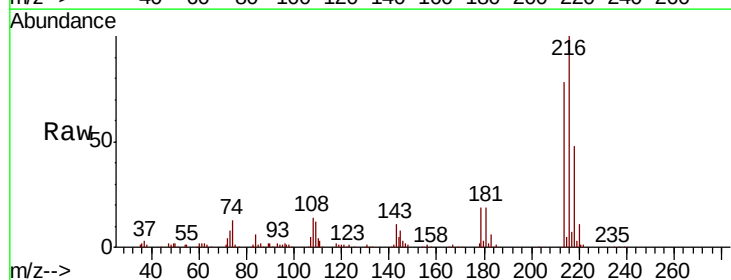
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 19.9 16.4 24.6

108 17.1 13.8 20.8

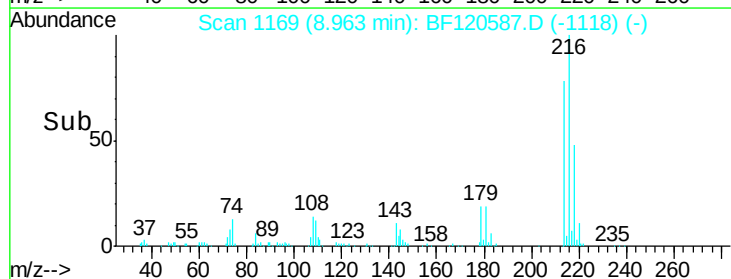
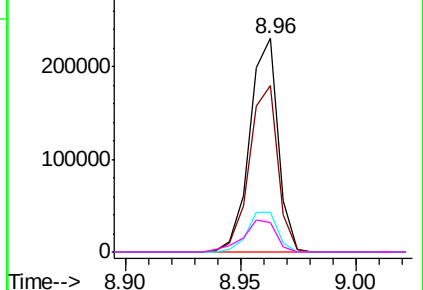


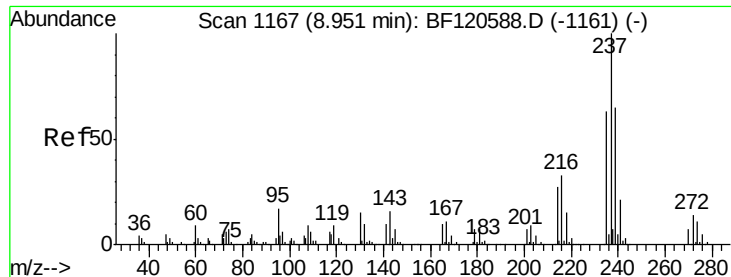
Abundance Ion 216.00 (215.70 to 216.70): E

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

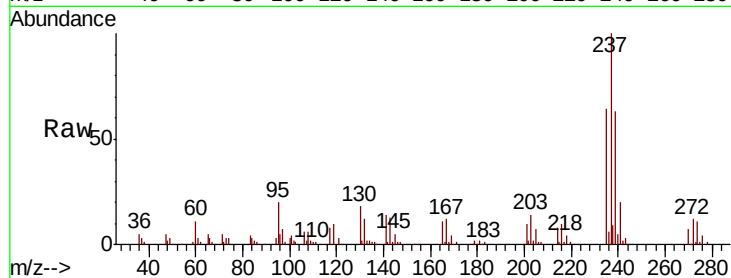




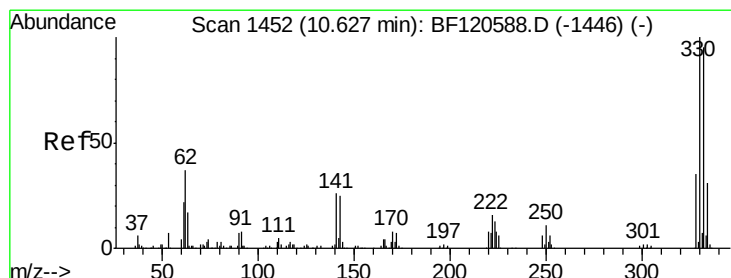
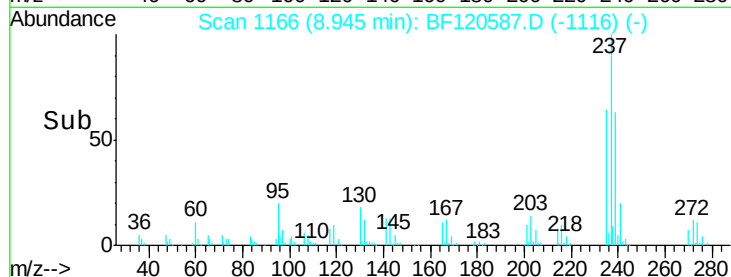
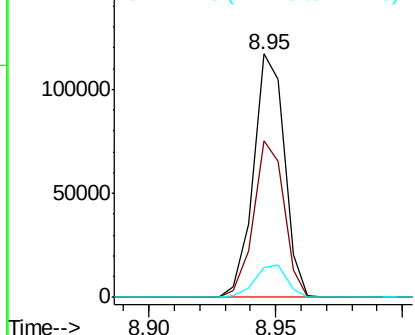
#41
Hexachlorocyclopentadiene
Concen: 22.527 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:237 Resp: 100374
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 12.5 0.0 33.9

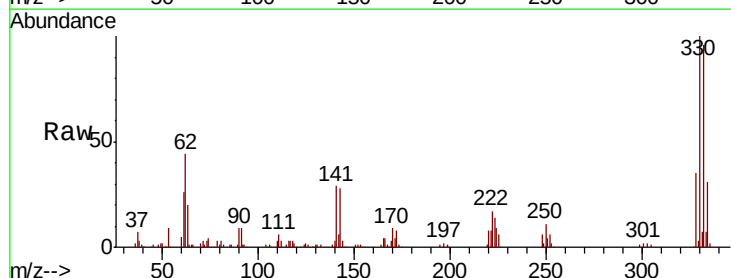


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

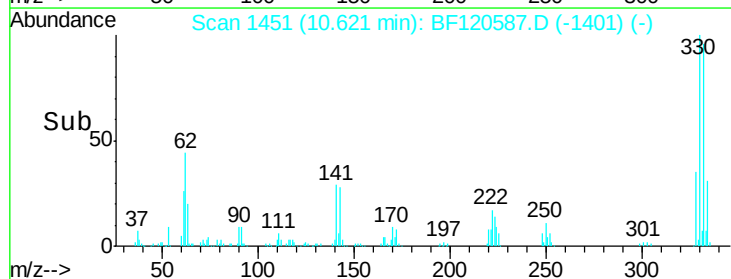
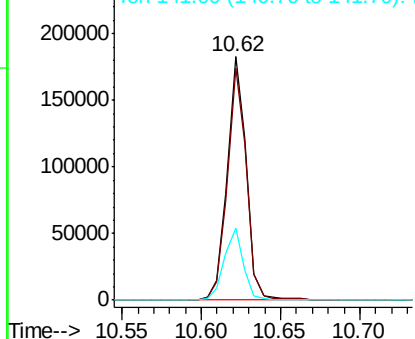


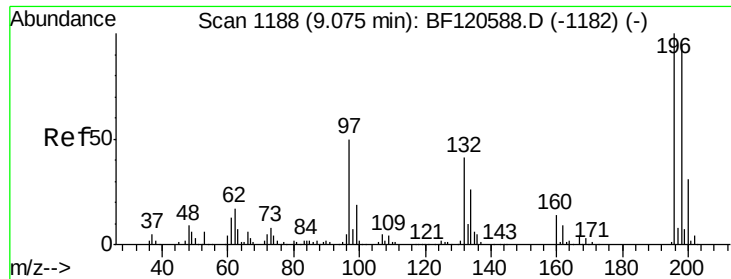
#42
2,4,6-Tribromophenol
Concen: 49.890 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:330 Resp: 151741
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 29.4 23.2 34.8



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

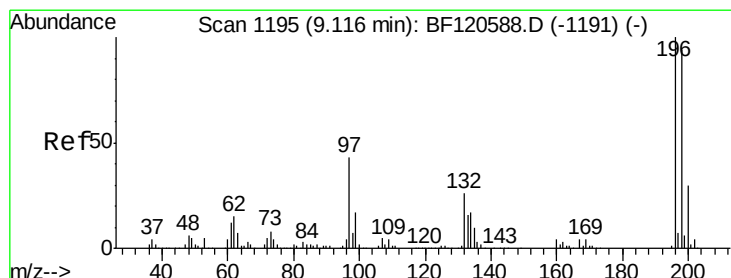
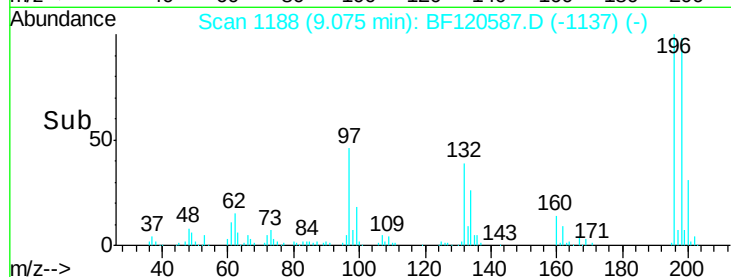
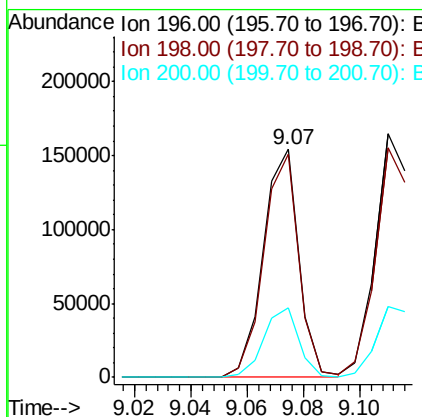
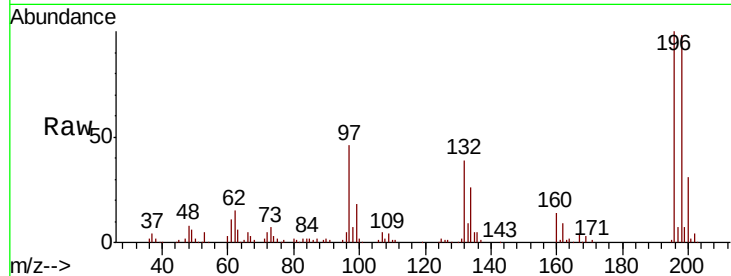




#43
 2,4,6-Trichlorophenol
 Concen: 24.351 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

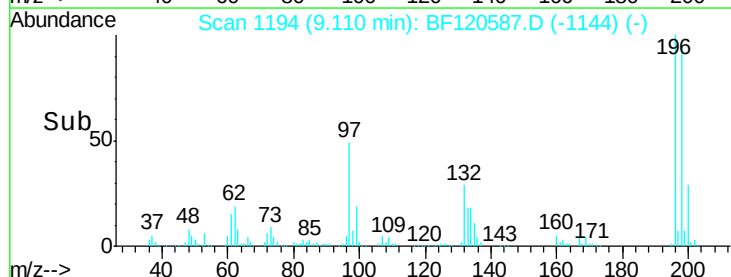
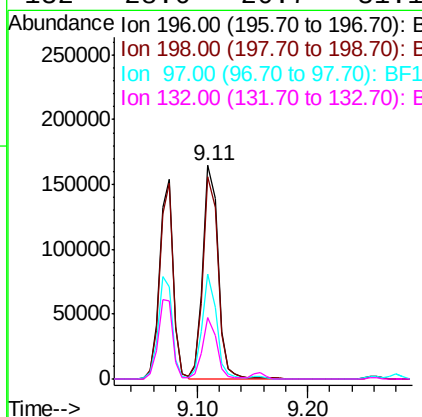
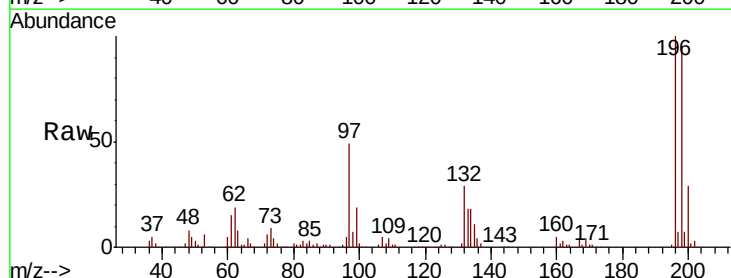
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

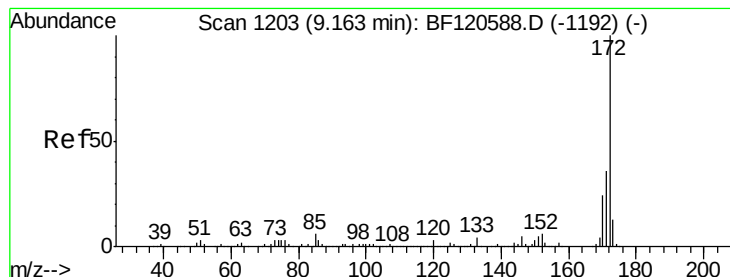
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.2
200	30.7	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 24.482 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.5	113.3
97	49.0	34.4	51.6
132	28.6	20.7	31.1





#45

2-Fluorobiphenyl

Concen: 49.194 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

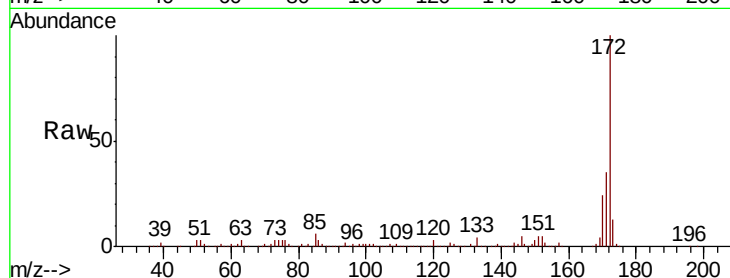
Tot Ion:172 Resp: 863686

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

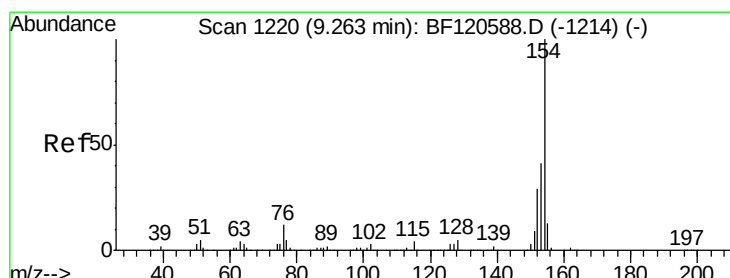
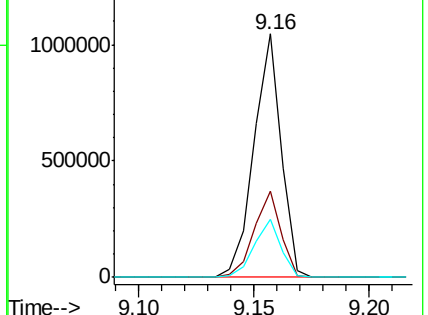
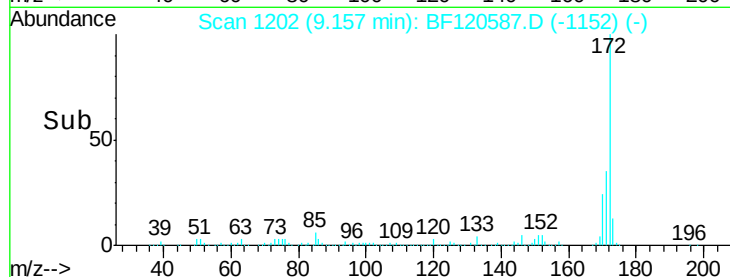
170 23.7 19.4 29.2



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: 25.475 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

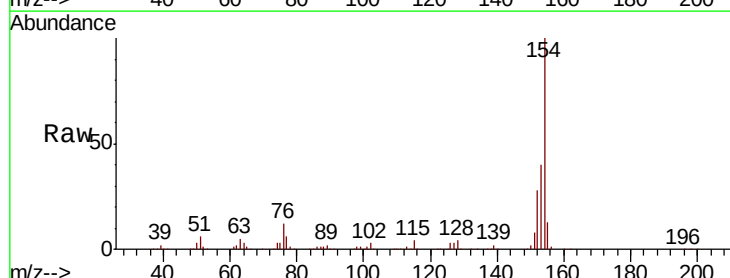
Tgt Ion:154 Resp: 509510

Ion Ratio Lower Upper

154 100

153 39.8 21.4 61.4

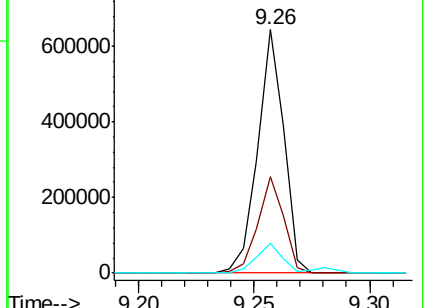
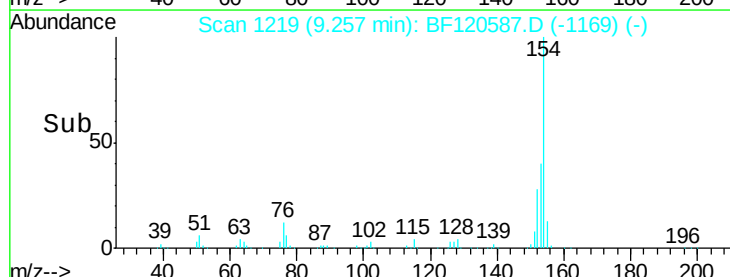
76 12.3 0.0 31.6

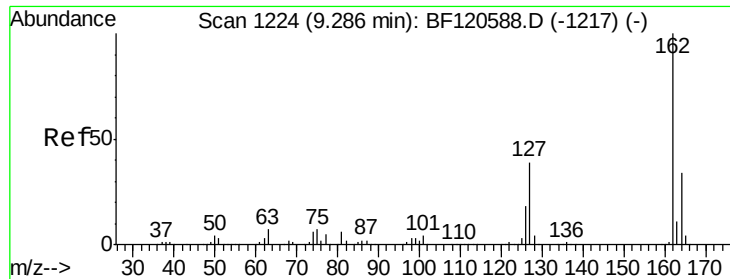


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

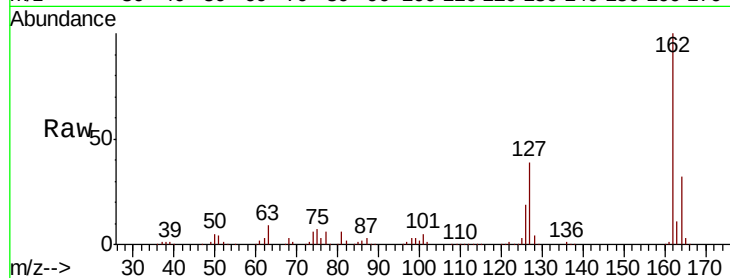




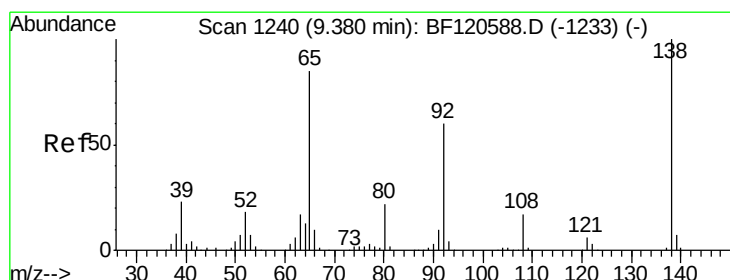
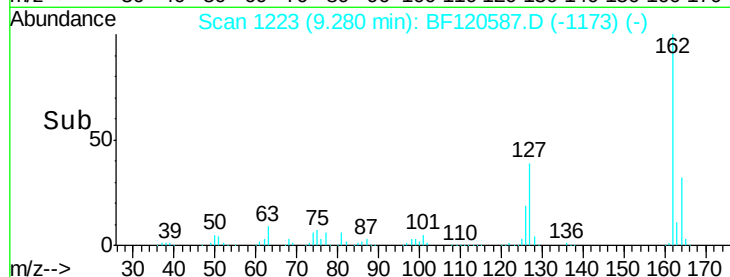
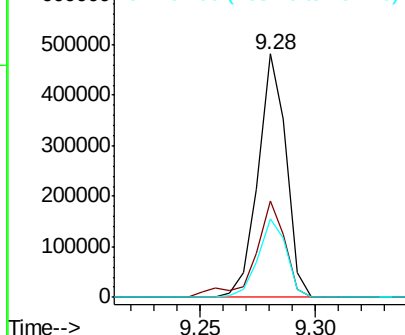
#47
2-Chloronaphthalene
Concen: 24.815 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:162 Resp: 409119
Ion Ratio Lower Upper
162 100
127 39.5 31.3 46.9
164 32.5 26.9 40.3

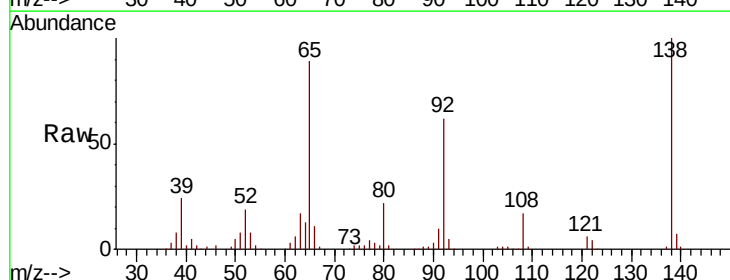


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

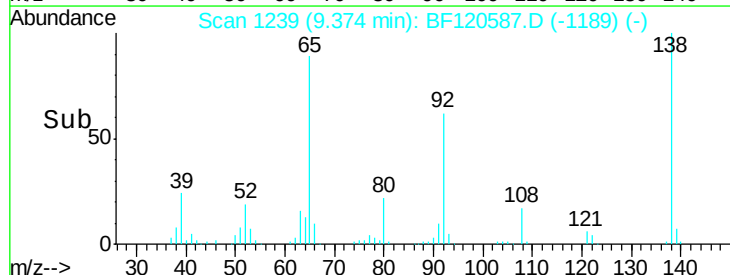
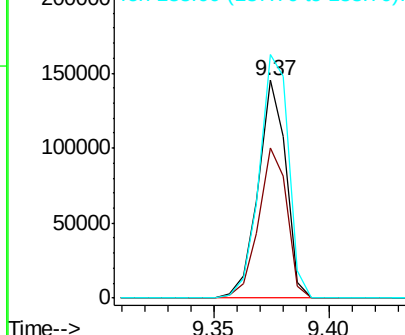


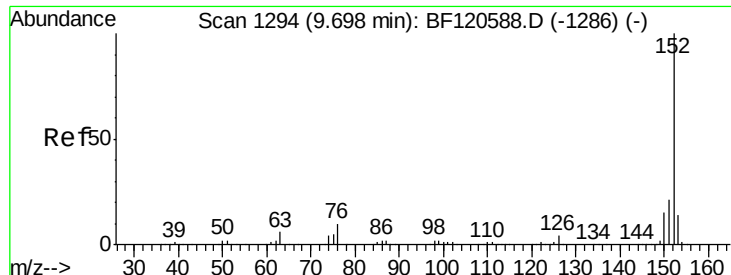
#48
2-Nitroaniline
Concen: 23.871 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion: 65 Resp: 122525
Ion Ratio Lower Upper
65 100
92 69.3 56.0 84.0
138 111.8 94.0 141.0



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: 25.426 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

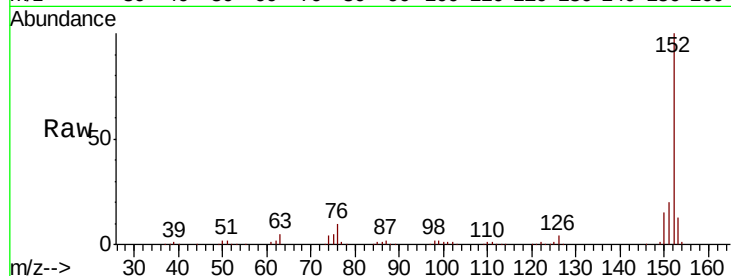
Tot Ion:152 Resp: 634589

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

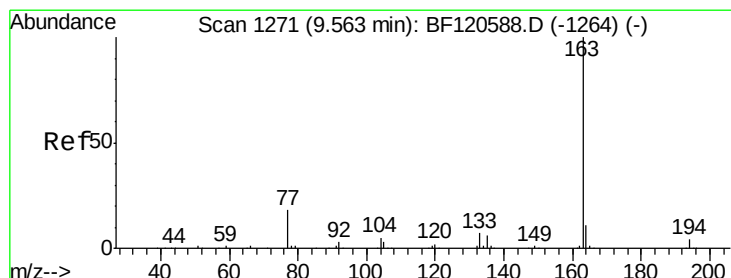
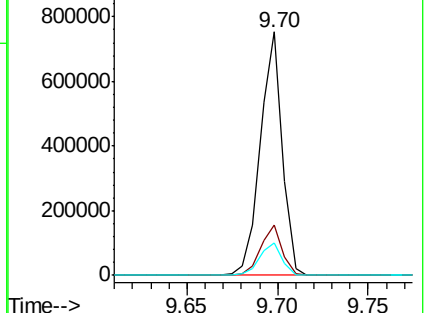
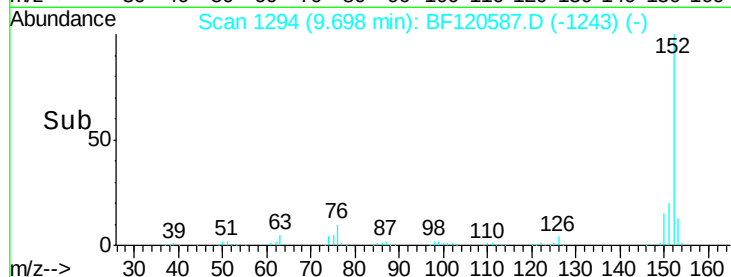
153 13.1 11.0 16.6



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: 23.415 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

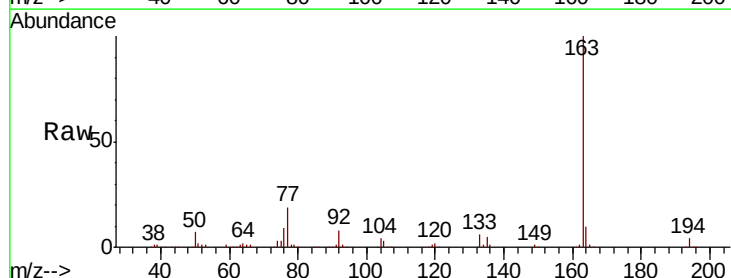
Tgt Ion:163 Resp: 458022

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

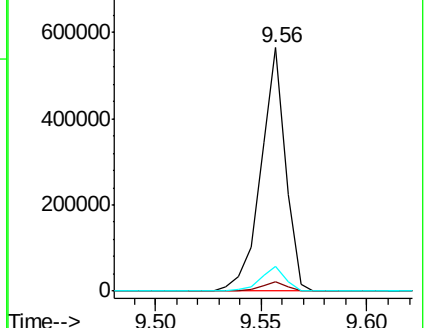
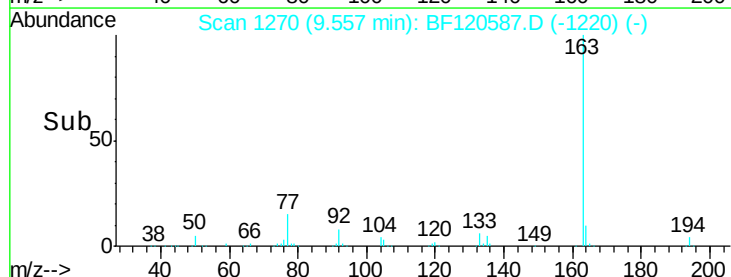
164 10.2 8.5 12.7

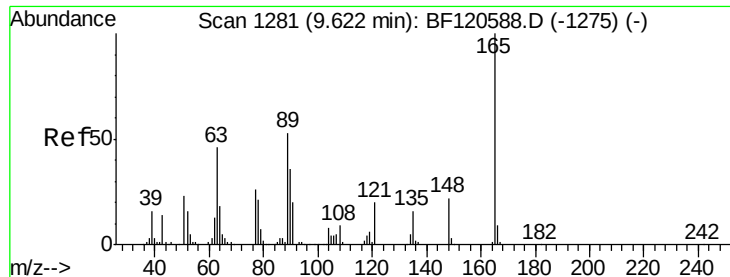


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

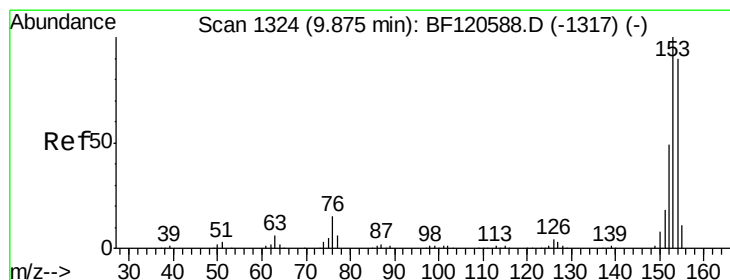
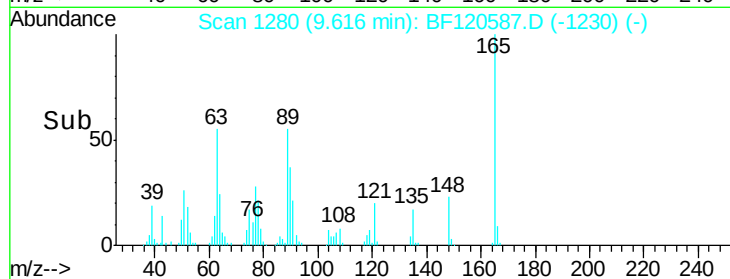
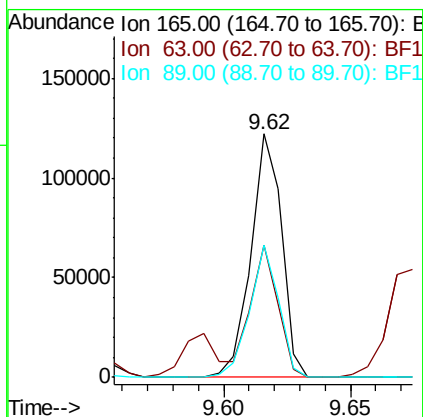
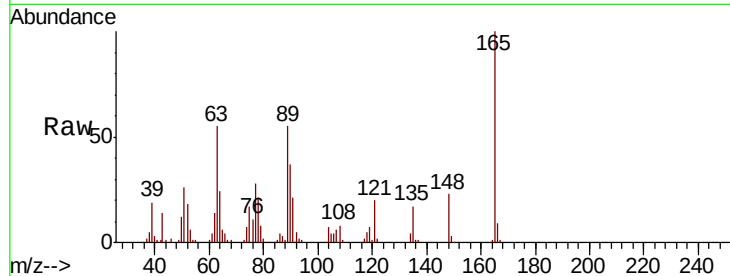




#51
2,6-Dinitrotoluene
Concen: 23.683 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

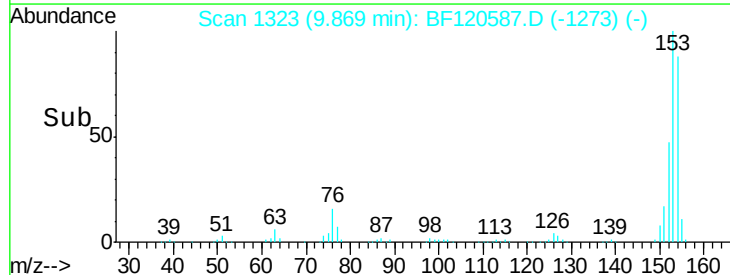
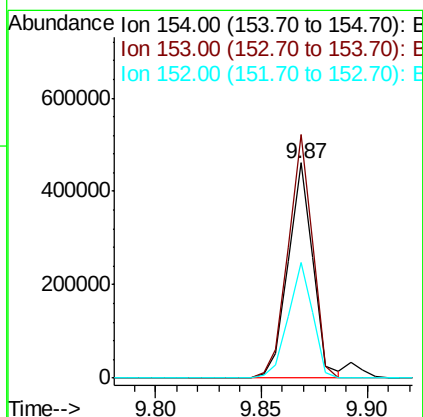
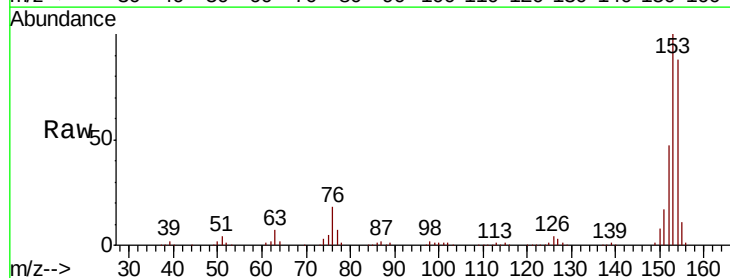
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

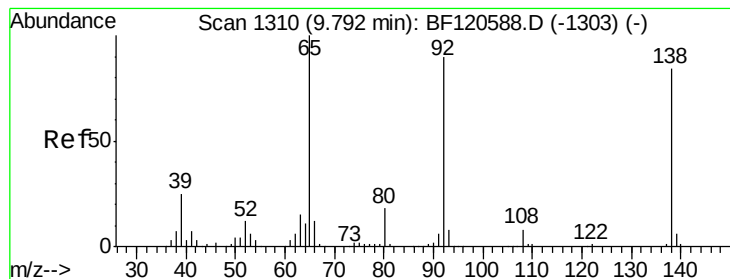
Tot Ion:165 Resp: 103093
Ion Ratio Lower Upper
165 100
63 54.6 41.7 62.5
89 54.6 42.6 64.0



#52
Acenaphthene
Concen: 25.460 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:154 Resp: 379791
Ion Ratio Lower Upper
154 100
153 113.2 89.1 133.7
152 53.6 43.7 65.5





#53

3-Nitroaniline

Concen: 24.025 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

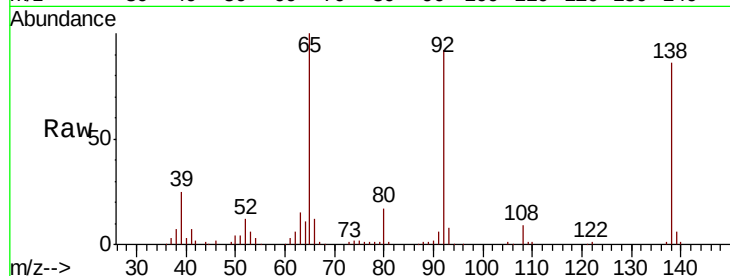
Tot Ion:138 Resp: 123665

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

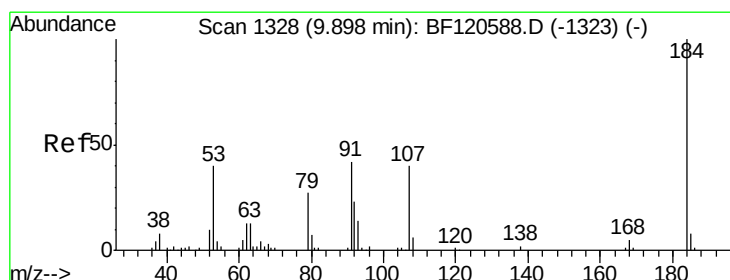
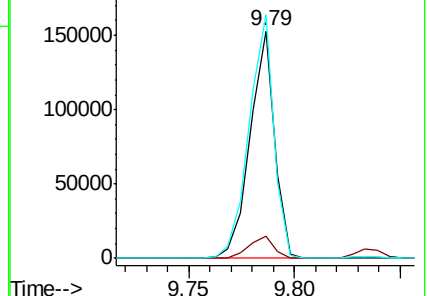
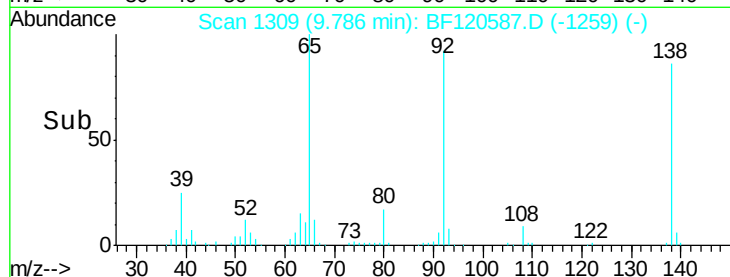
92 107.2 86.0 129.0



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: 19.862 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

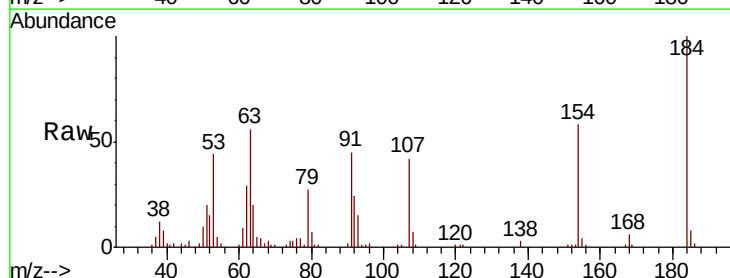
Tgt Ion:184 Resp: 46593

Ion Ratio Lower Upper

184 100

63 56.0 44.2 66.2

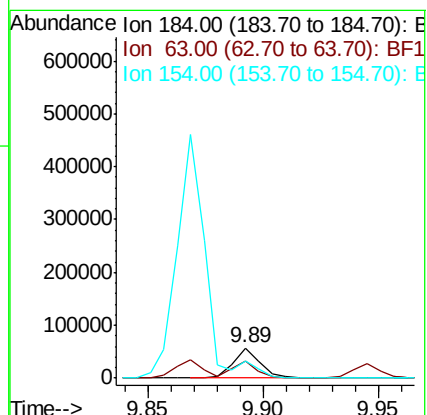
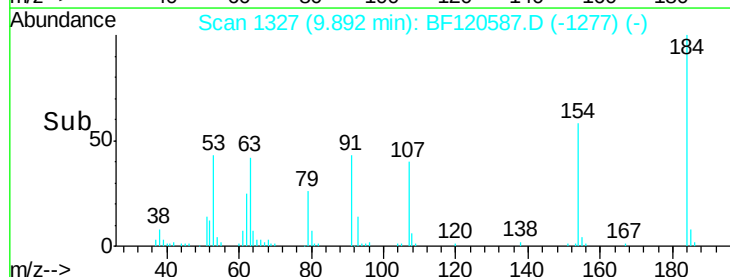
154 57.8 45.9 68.9

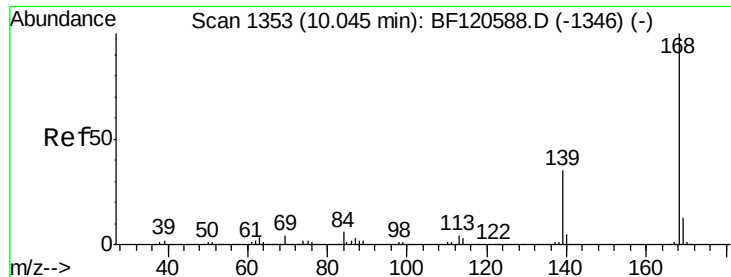


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

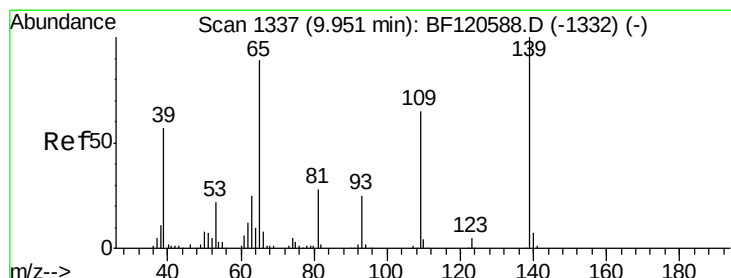
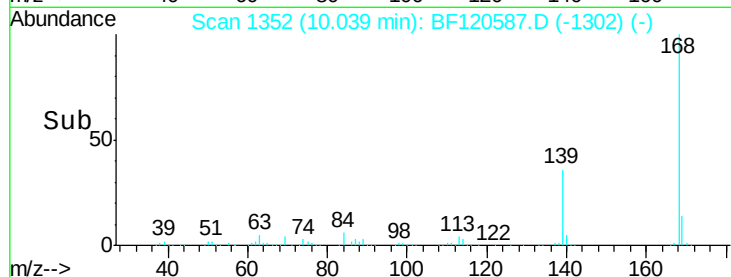
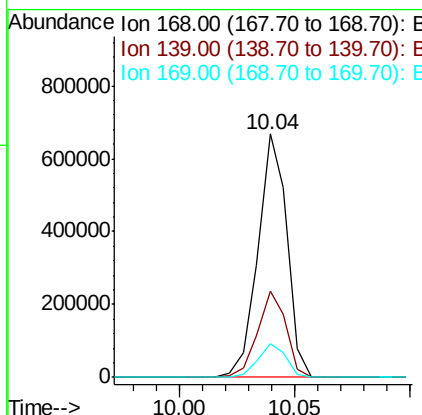
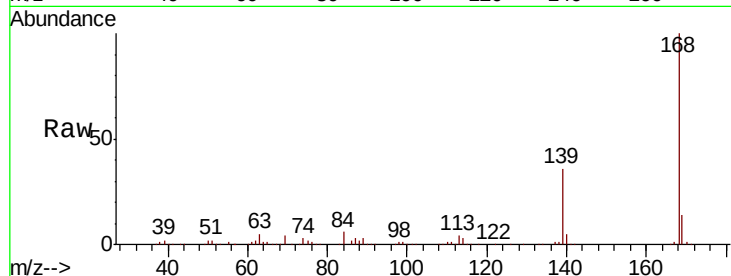




#55
Dibenzenofuran
Concen: 25.893 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

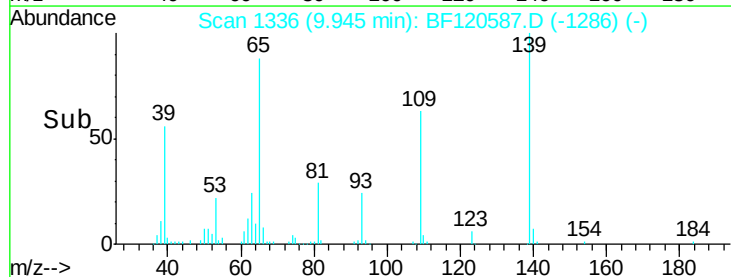
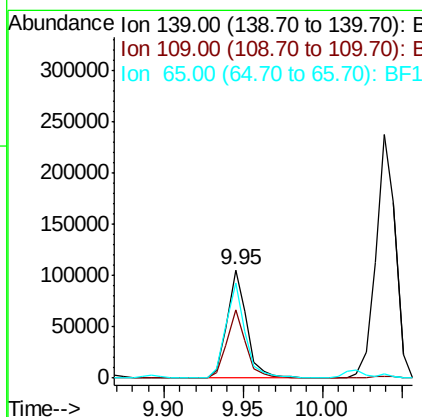
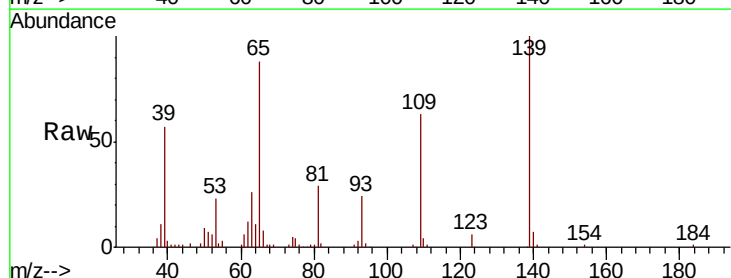
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

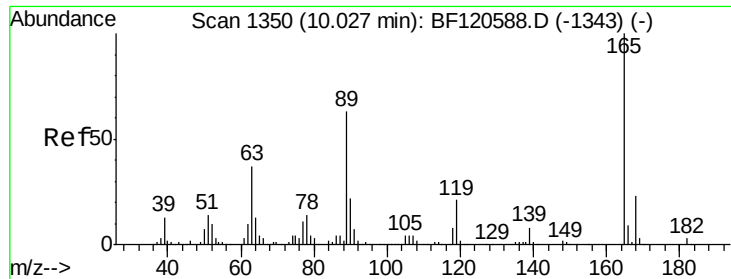
Tot Ion:168 Resp: 583725
Ion Ratio Lower Upper
168 100
139 35.6 28.1 42.1
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 24.388 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:139 Resp: 91537
Ion Ratio Lower Upper
139 100
109 62.5 44.6 84.6
65 88.1 69.2 109.2

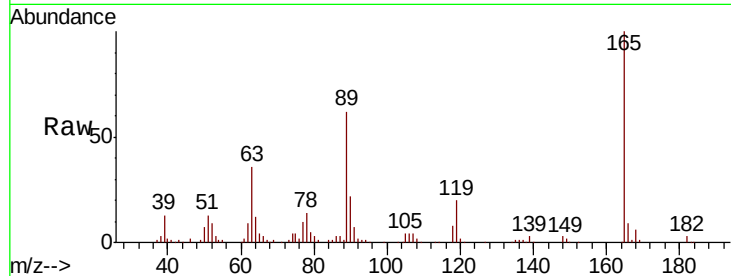




#57
2,4-Dinitrotoluene
Concen: 24.753 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.5	29.8	44.8
89	62.2	50.4	75.6
182	2.5	2.1	3.1

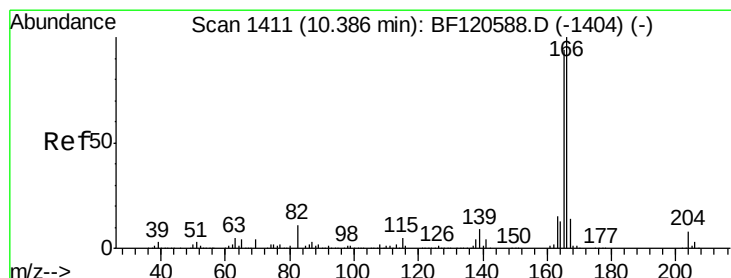
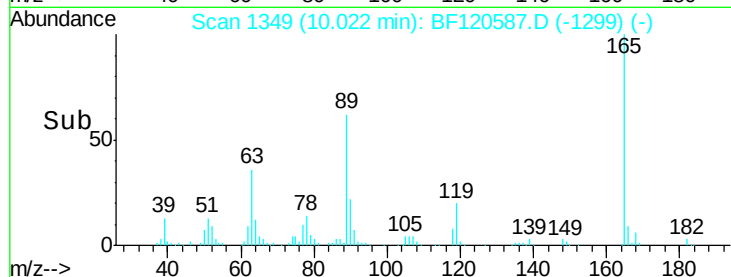
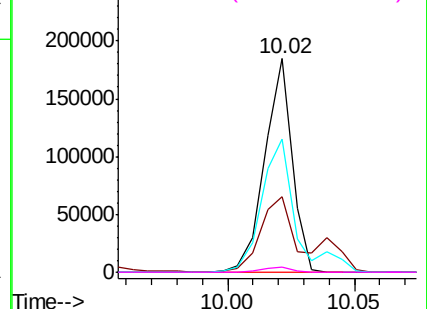


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

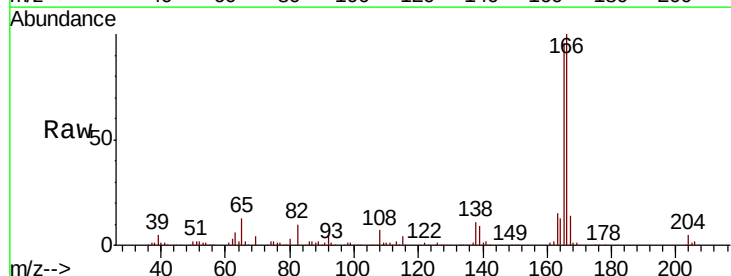
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 26.211 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

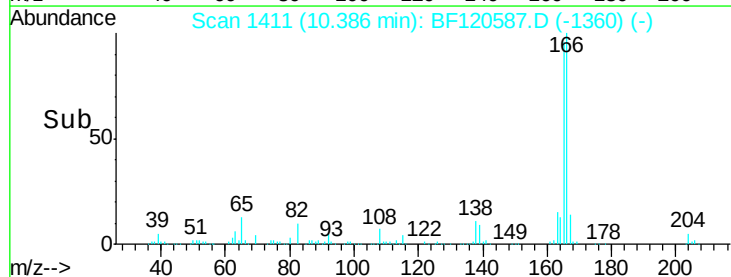
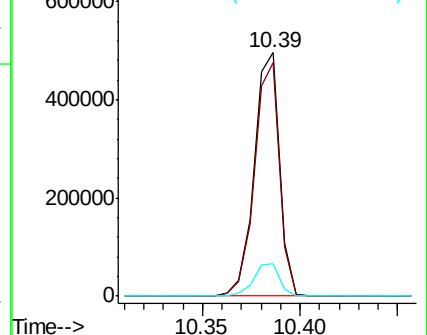
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	75.0	112.6
167	13.5	11.0	16.4

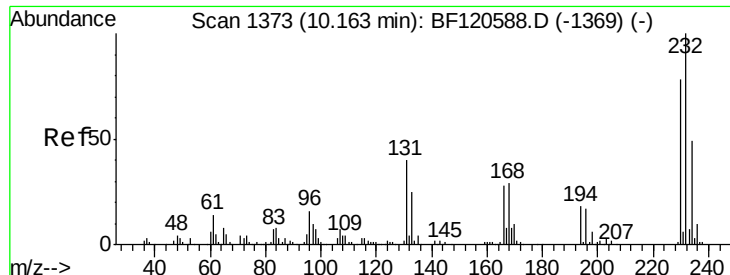


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

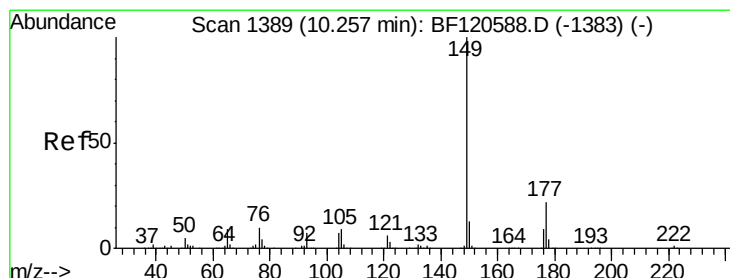
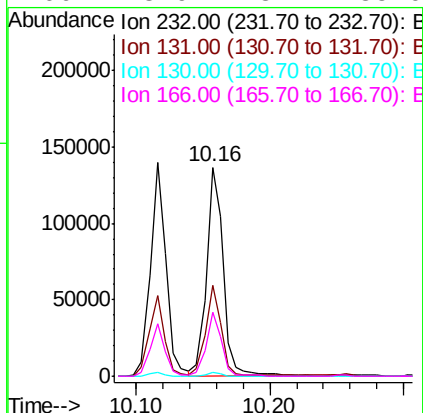
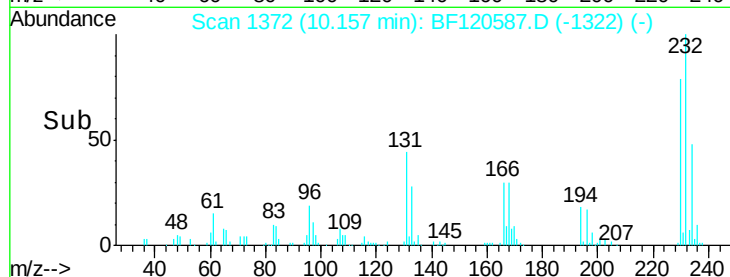
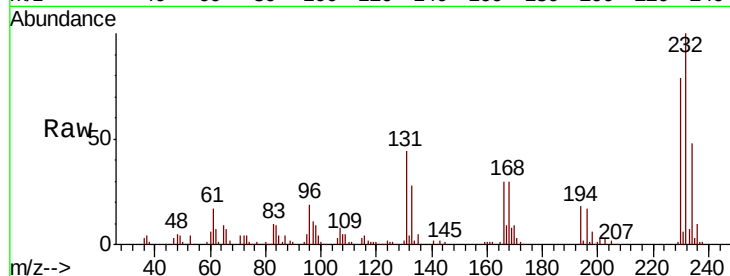




#59
2,3,4,6-Tetrachlorophenol
Concen: 24.181 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

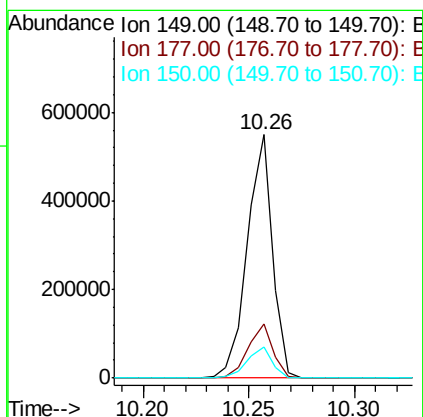
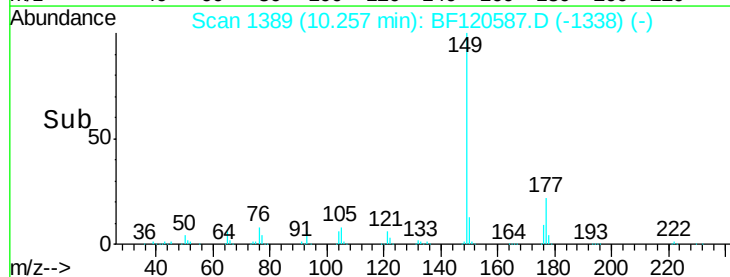
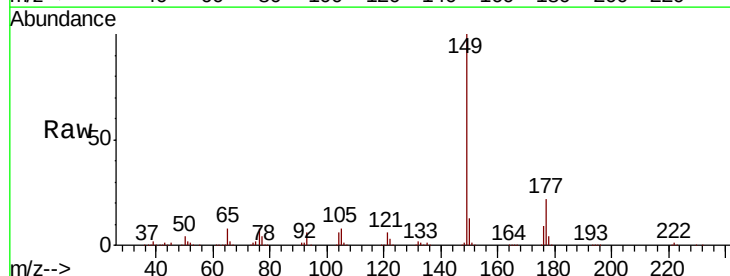
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

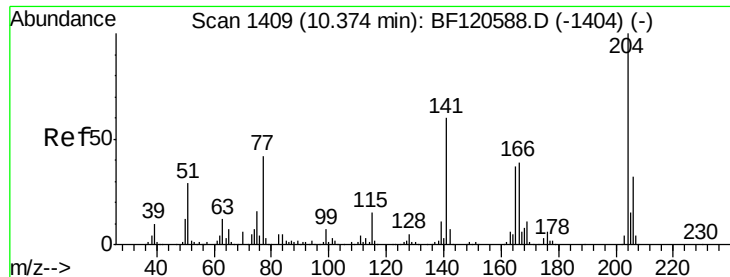
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.5	50.3
130	2.0	1.5	2.3
166	28.9	23.4	35.0



#60
Diethylphthalate
Concen: 24.200 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.3	25.9
150	12.6	10.3	15.5

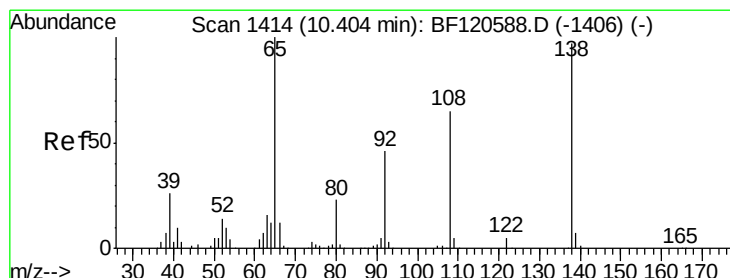
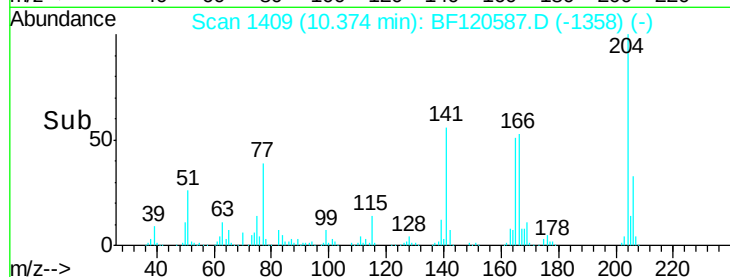
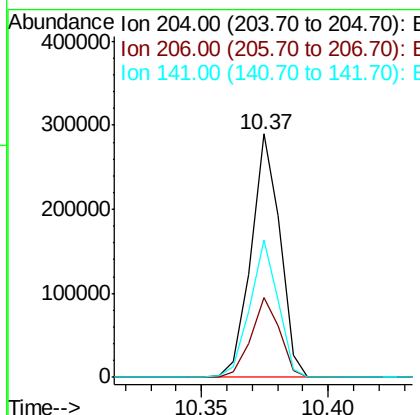
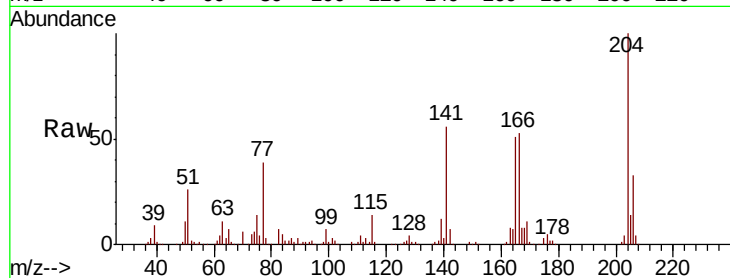




#61
4-Chlorophenyl-phenylether
Concen: 26.374 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

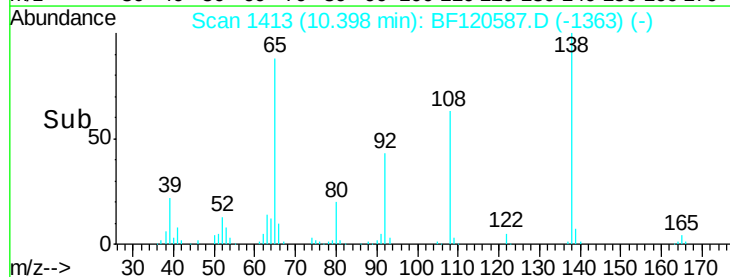
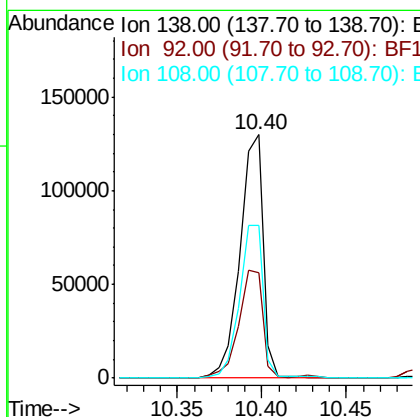
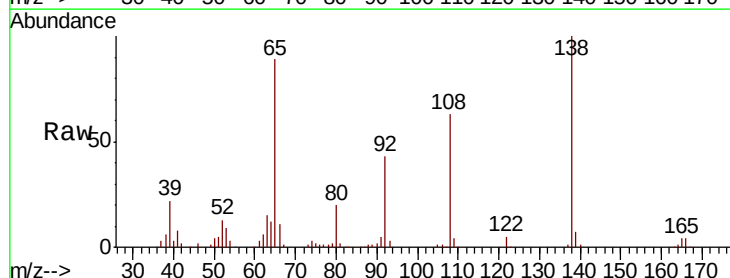
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

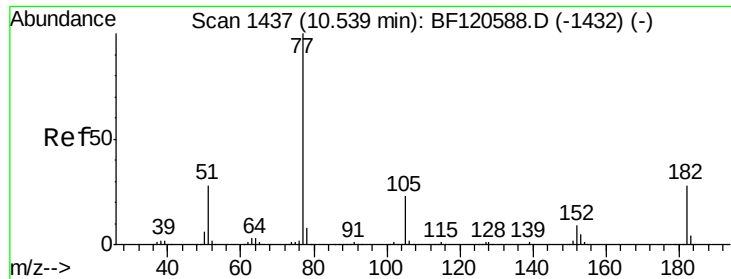
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	56.3	47.6	71.4



#62
4-Nitroaniline
Concen: 23.991 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	27.3	67.3
108	63.0	47.4	87.4





#63

Azobenzene

Concen: 24.136 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion: 77 Resp: 425805

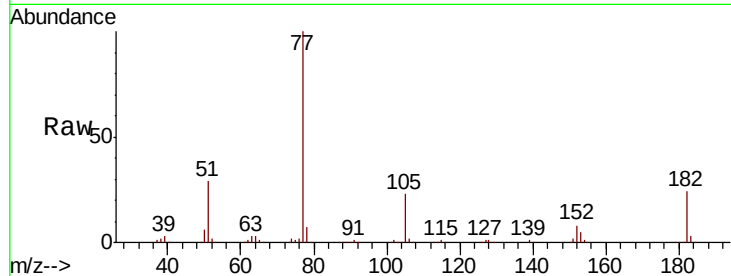
Ion Ratio Lower Upper

77 100

182 23.7 7.7 47.7

105 22.7 3.2 43.2

51 29.1 8.5 48.5

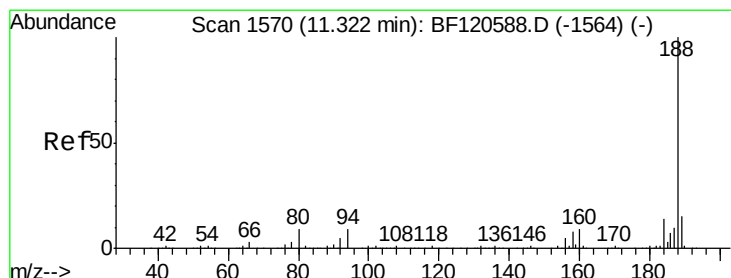
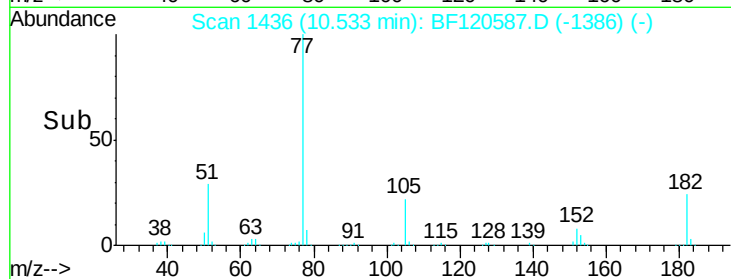
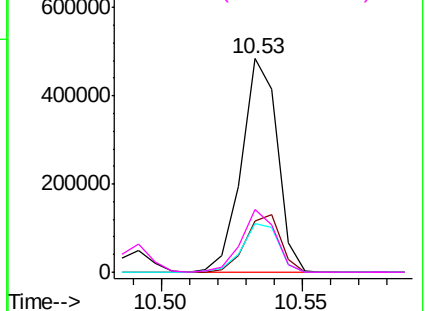


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

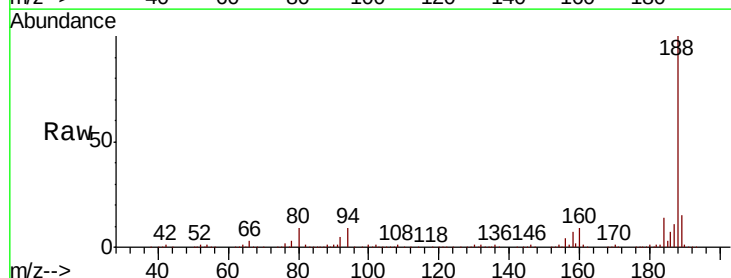
Tgt Ion: 188 Resp: 578346

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

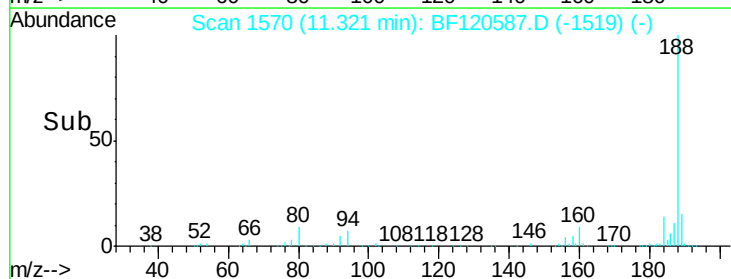
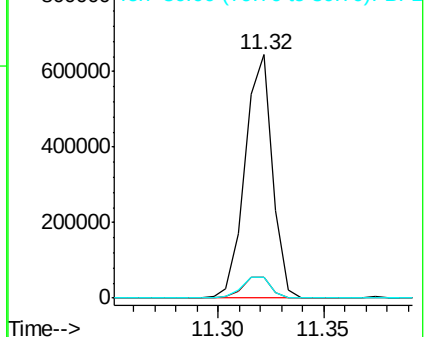
80 8.8 7.4 11.2

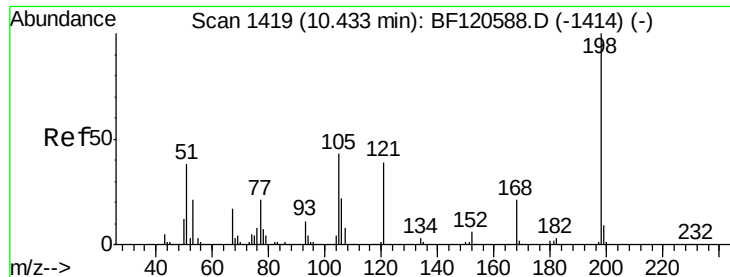


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

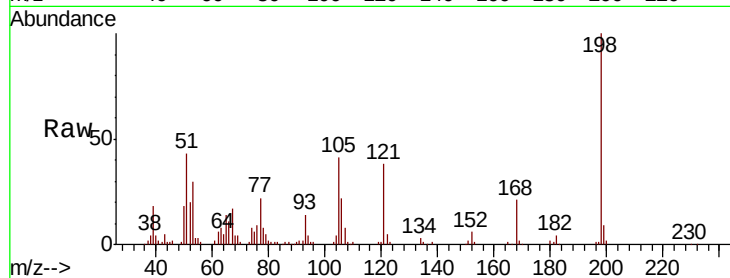




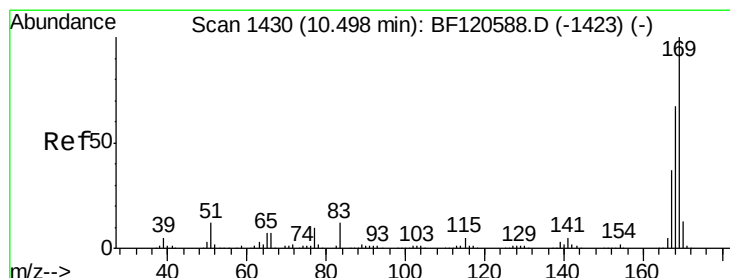
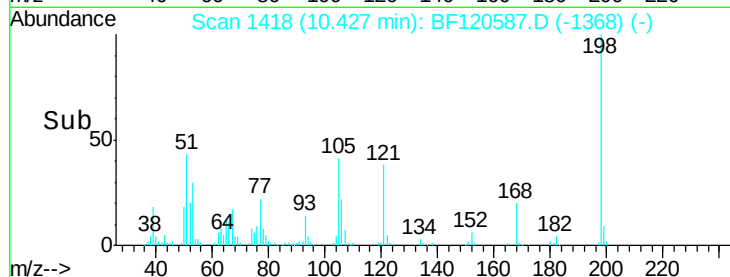
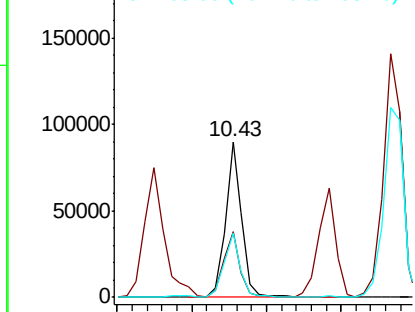
#65
4,6-Dinitro-2-methylphenol
Concen: 22.252 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:198 Resp: 69020
Ion Ratio Lower Upper
198 100
51 42.6 24.8 64.8
105 41.3 23.9 63.9

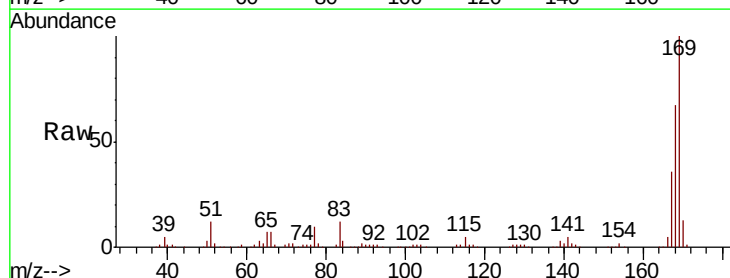


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

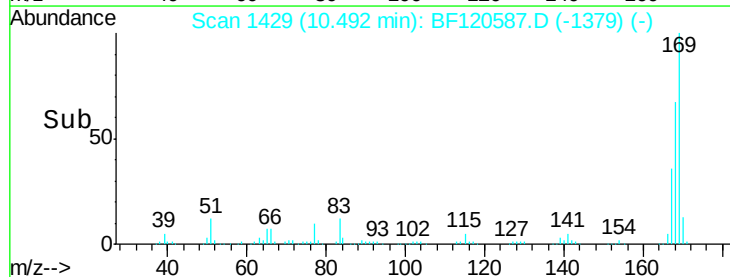
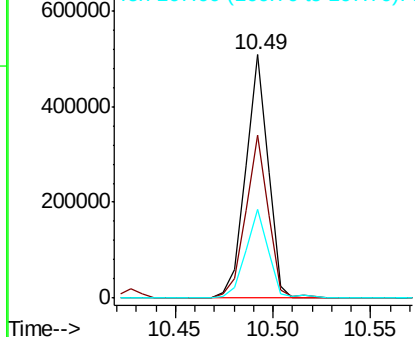


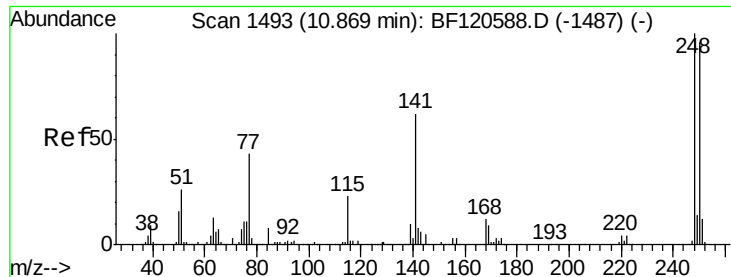
#66
n-Nitrosodiphenylamine
Concen: 26.093 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:169 Resp: 404255
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.5 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

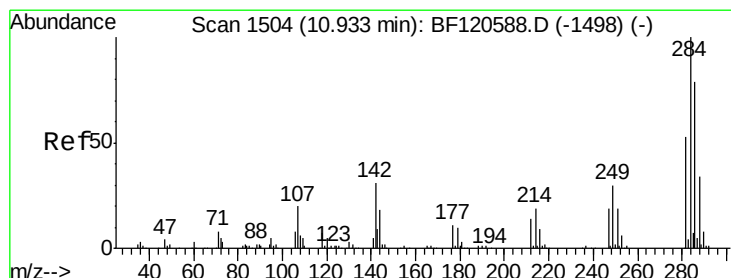
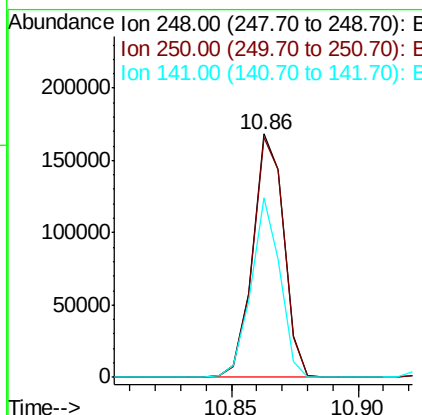
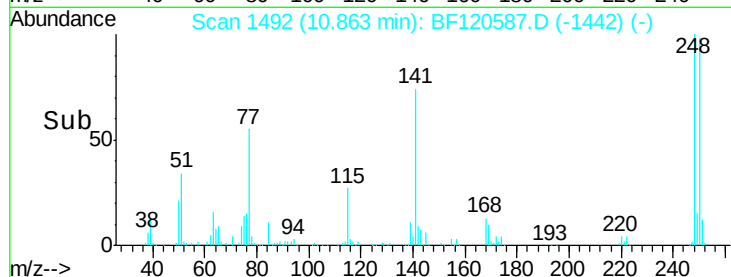
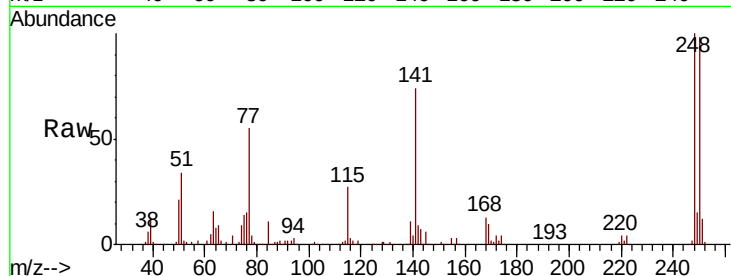




#67
4-Bromophenyl-phenylether
Concen: 25.008 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

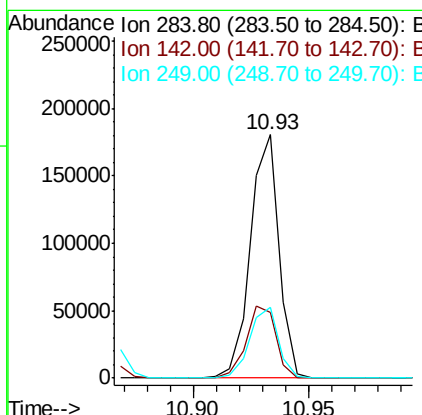
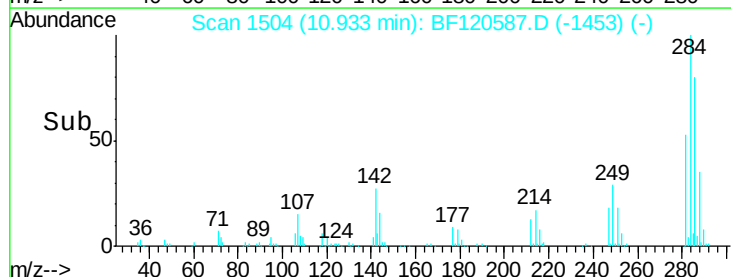
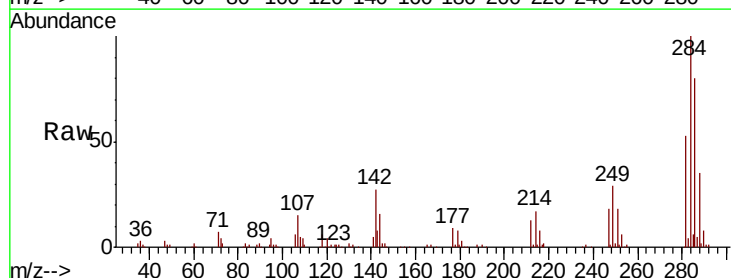
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

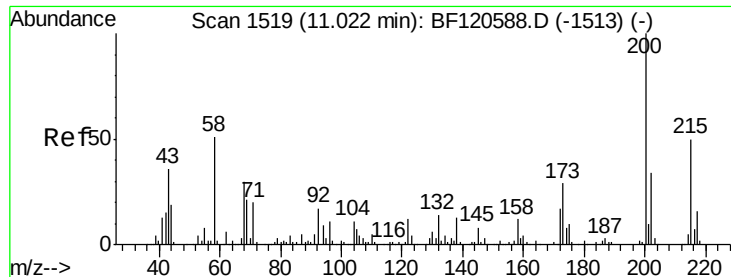
Tot Ion:248 Resp: 144469
Ion Ratio Lower Upper
248 100
250 98.3 76.7 115.1
141 73.7 49.4 74.0



#68
Hexachlorobenzene
Concen: 25.194 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:284 Resp: 156401
Ion Ratio Lower Upper
284 100
142 27.0 25.1 37.7
249 29.1 24.0 36.0

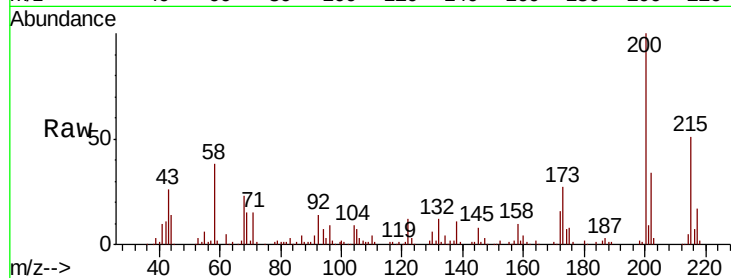




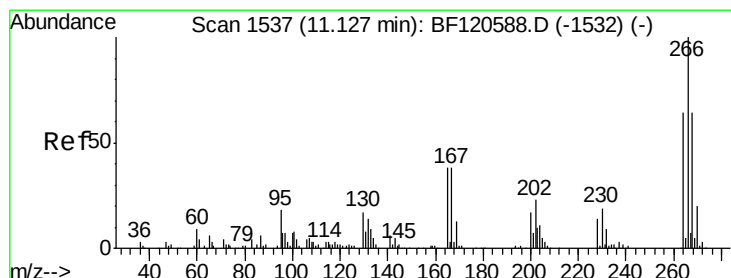
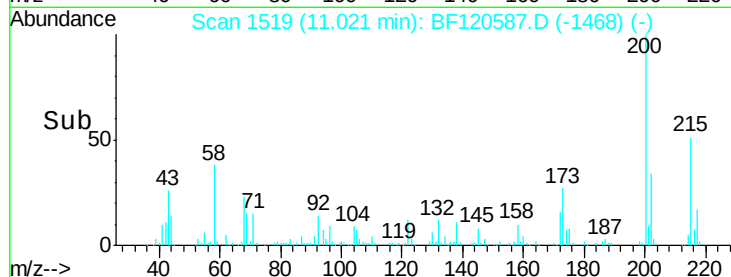
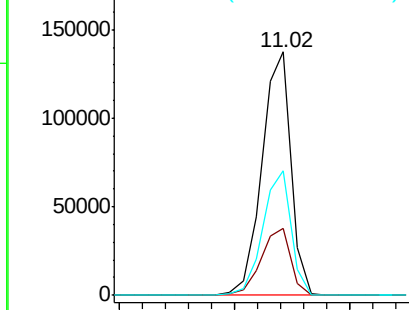
#69
Atrazine
Concen: 27.428 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:200 Resp: 120383
Ion Ratio Lower Upper
200 100
173 27.3 9.1 49.1
215 50.9 29.8 69.8

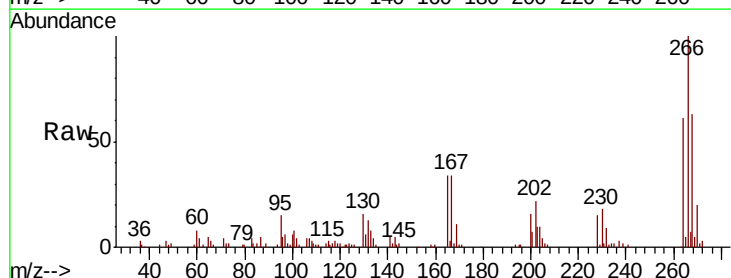


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

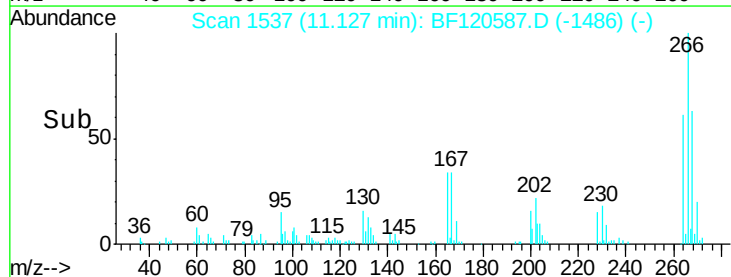
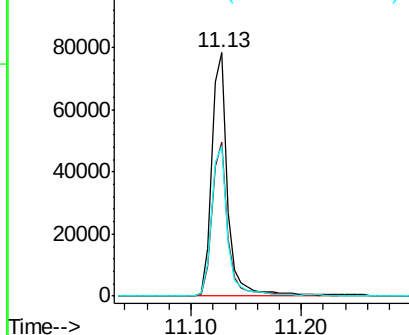


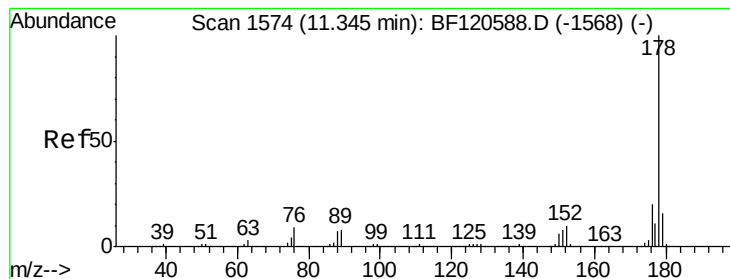
#70
Pentachlorophenol
Concen: 23.124 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:266 Resp: 77477
Ion Ratio Lower Upper
266 100
268 63.3 51.4 77.0
264 61.5 50.8 76.2



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: 26.315 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

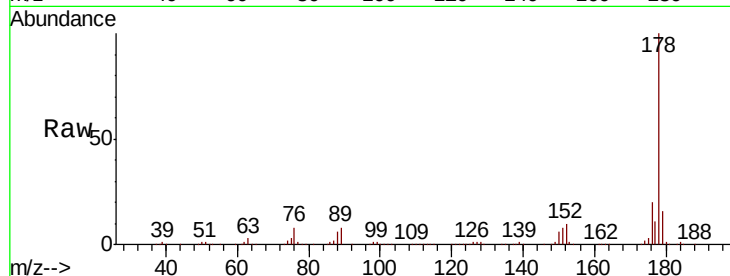
Tot Ion:178 Resp: 672268

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

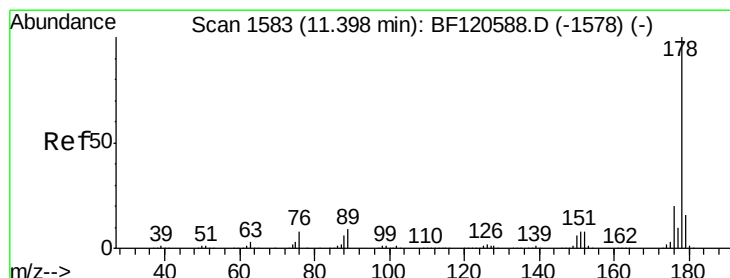
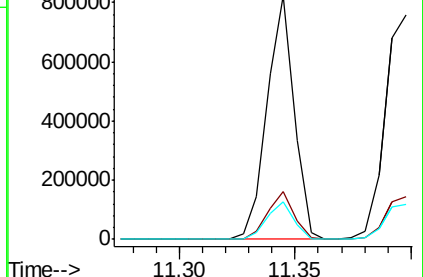
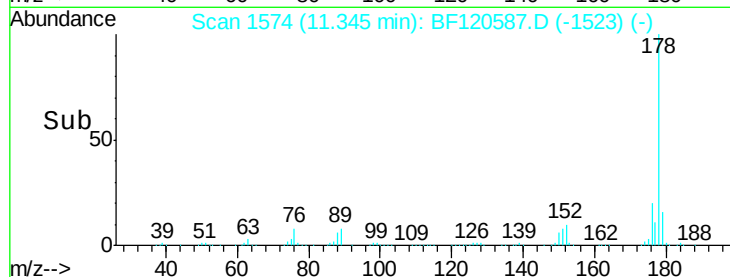
179 15.5 12.8 19.2



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



#72

Anthracene

Concen: 26.063 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

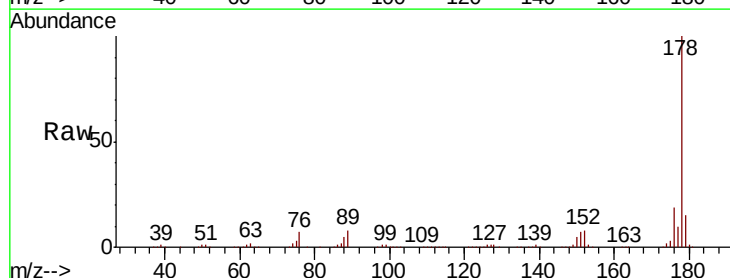
Tgt Ion:178 Resp: 672998

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

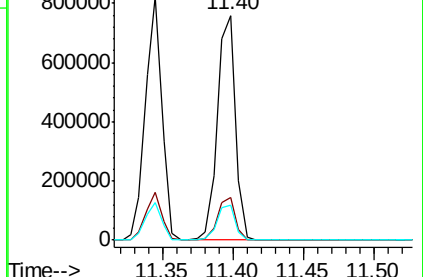
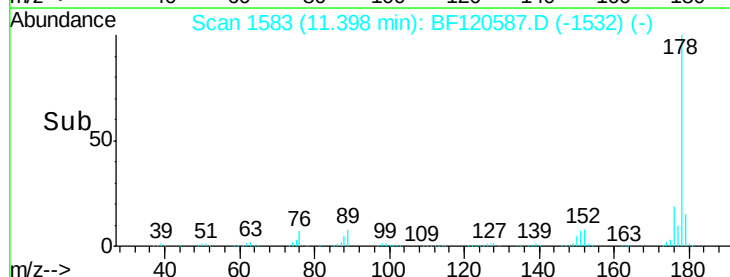
179 15.3 12.9 19.3

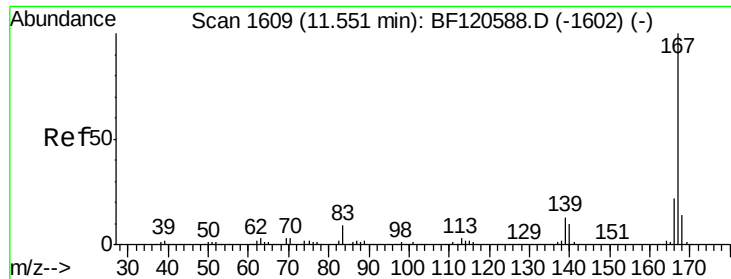


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

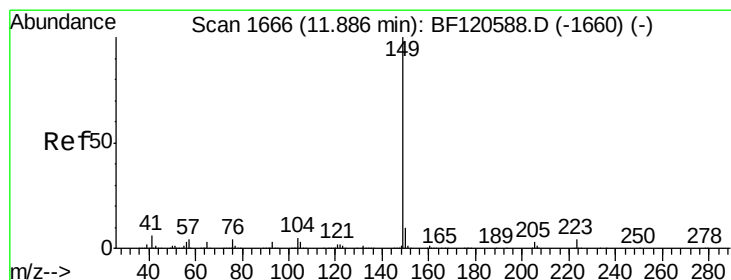
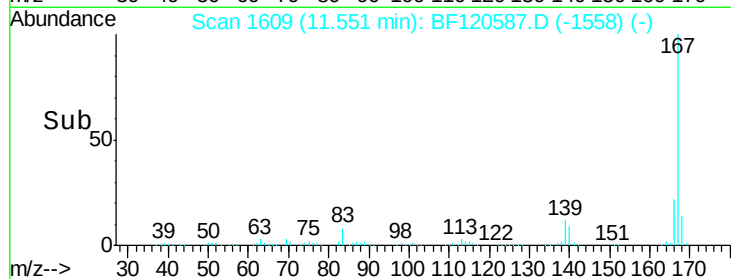
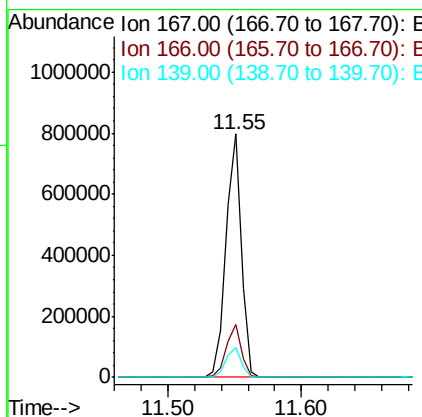
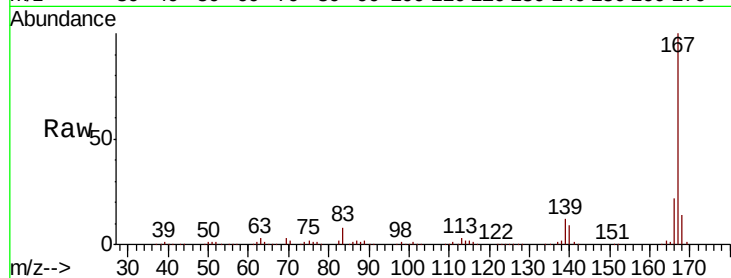




#73
 Carbazole
 Concen: 25.990 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

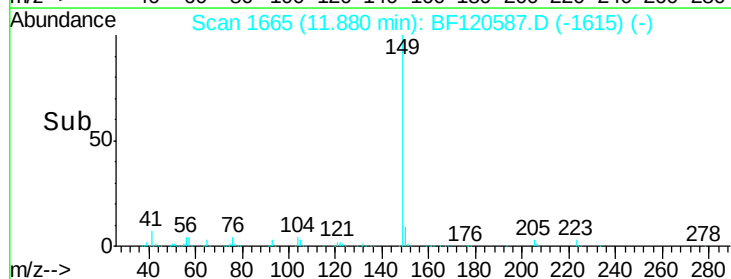
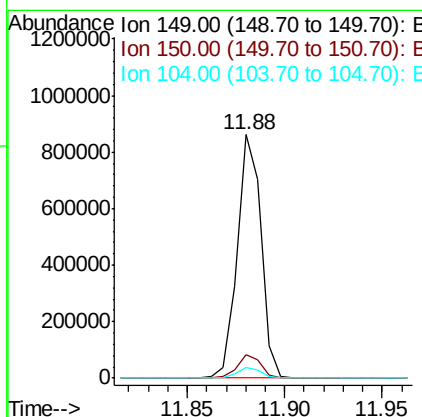
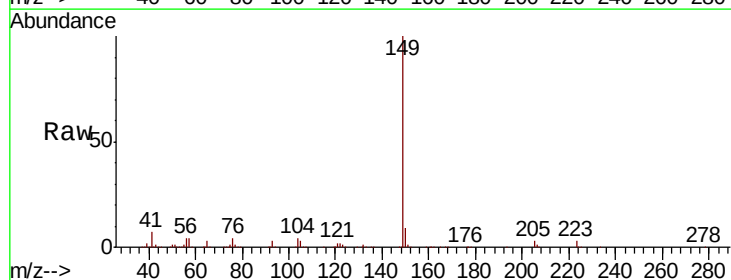
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

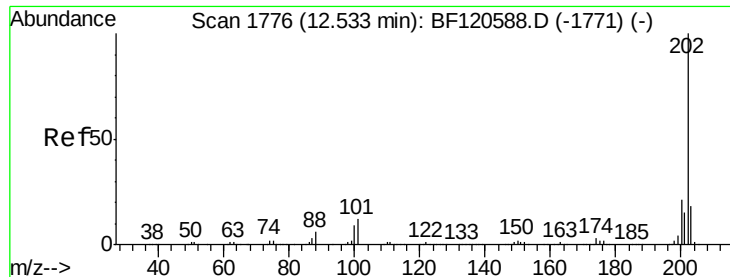
Tot Ion:167 Resp: 655098
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 12.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 24.156 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

Tgt Ion:149 Resp: 724006
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 25.554 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampled :

SSTDIC020

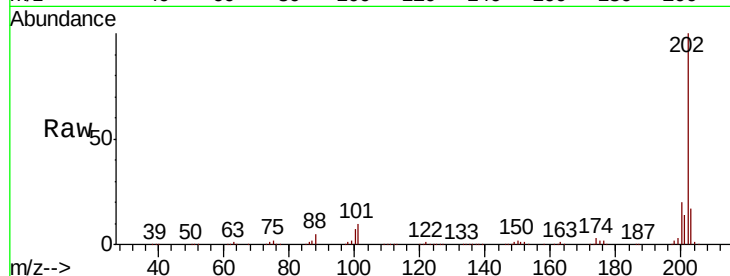
Tot Ion:202 Resp: 752828

Ion Ratio Lower Upper

202 100

101 9.7 0.0 32.0

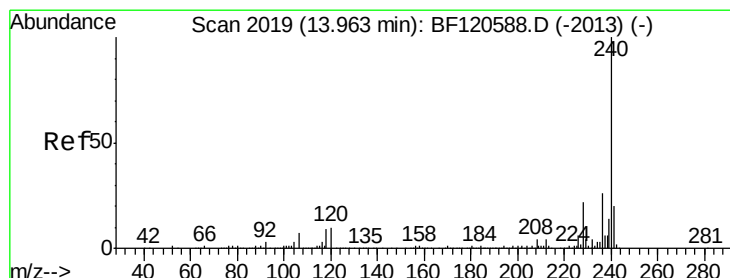
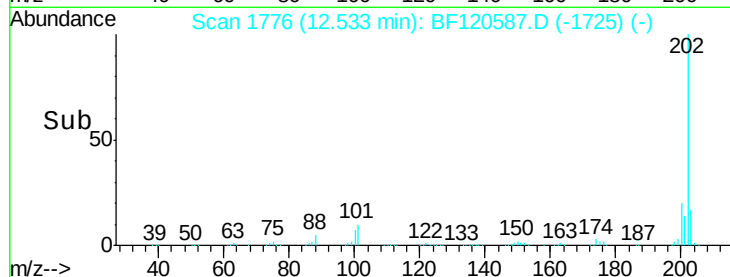
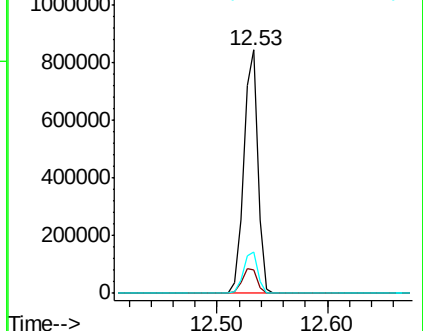
203 17.2 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

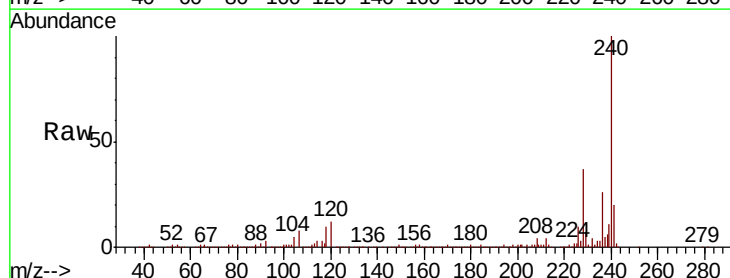
Tgt Ion:240 Resp: 515627

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

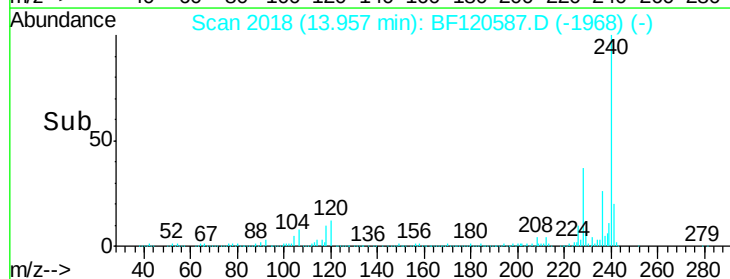
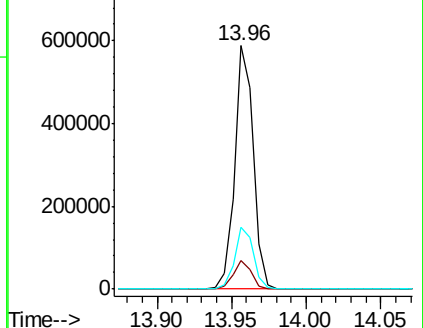
236 25.6 21.0 31.4

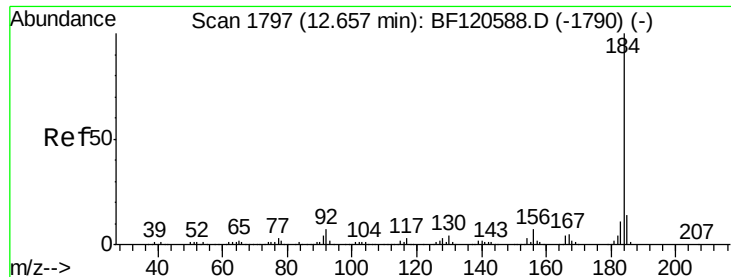


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.009 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

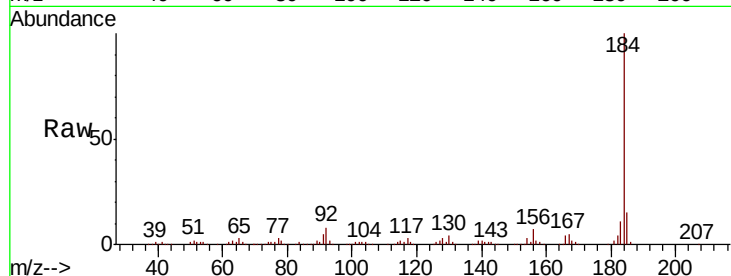
Tot Ion:184 Resp: 368199

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.4	17.0
183	11.2	9.0	13.6

184 100

185 15.0 11.4 17.0

183 11.2 9.0 13.6



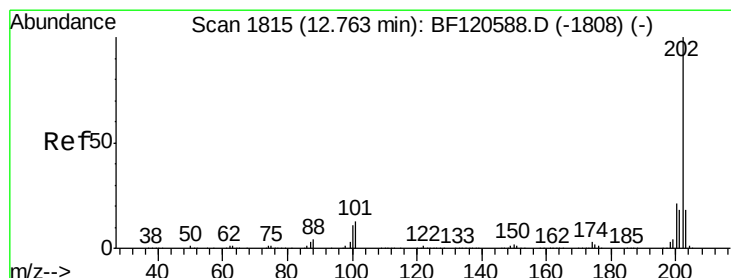
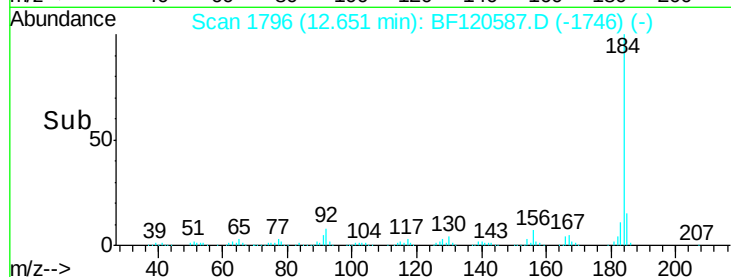
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.65

Time-->



#78

Pyrene

Concen: 25.086 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

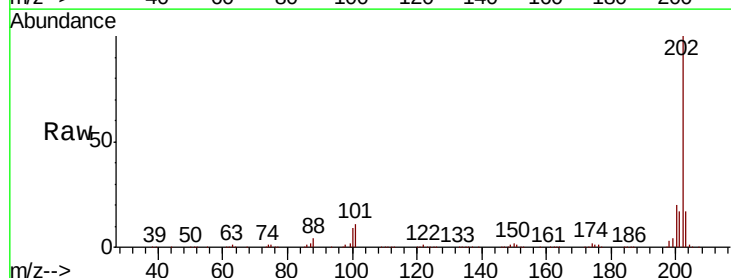
Tgt Ion:202 Resp: 819439

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.3	14.3	21.5

202 100

200 20.3 16.8 25.2

203 17.3 14.3 21.5



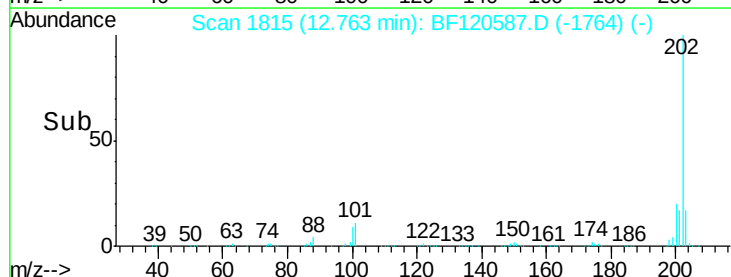
Abundance Ion 202.00 (201.70 to 202.70): E

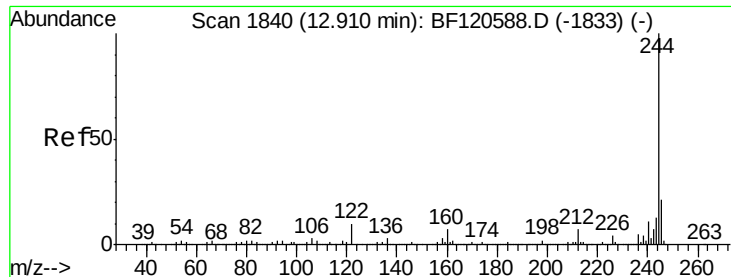
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.76

Time-->





#79

Terphenyl-d14

Concen: 46.947 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

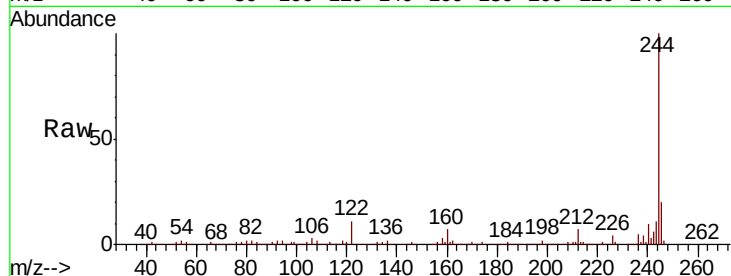
Tot Ion:244 Resp: 1046000

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 10.6 8.3 12.5



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

12.90

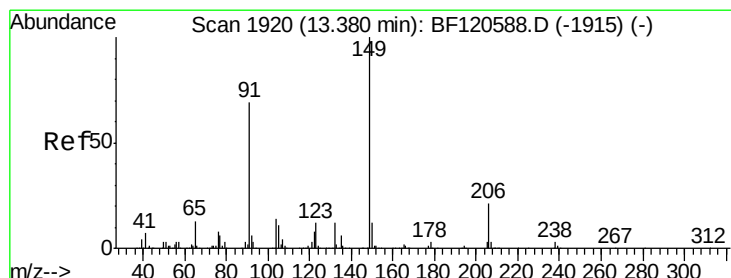
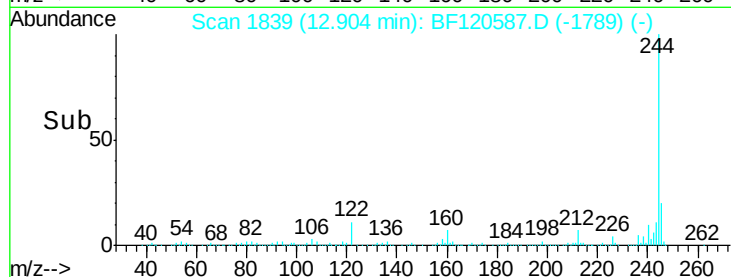
1000000

500000

0

Time-->

12.85 12.90 12.95 13.00



#80

Butylbenzylphthalate

Concen: 22.420 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

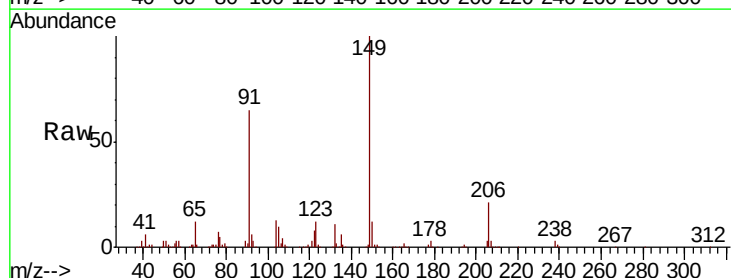
Tgt Ion:149 Resp: 320518

Ion Ratio Lower Upper

149 100

91 65.4 55.4 83.0

206 21.4 17.0 25.4



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

13.38

500000

400000

300000

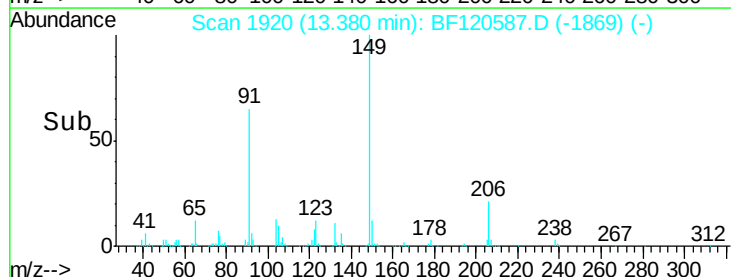
200000

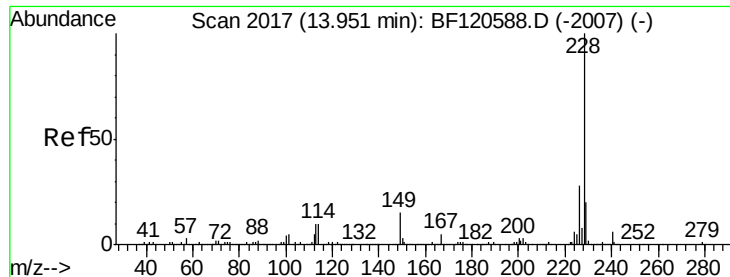
100000

0

Time-->

13.35 13.40





#81

Benzo(a)anthracene

Concen: 25.095 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

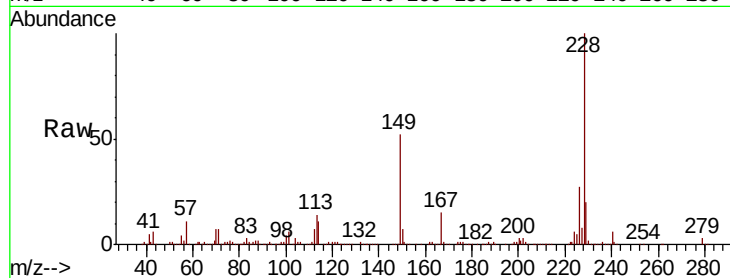
Tot Ion:228 Resp: 702960

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

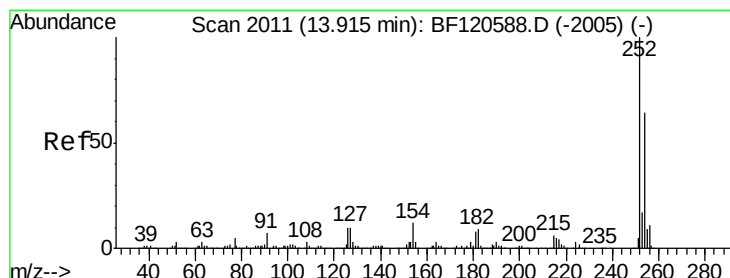
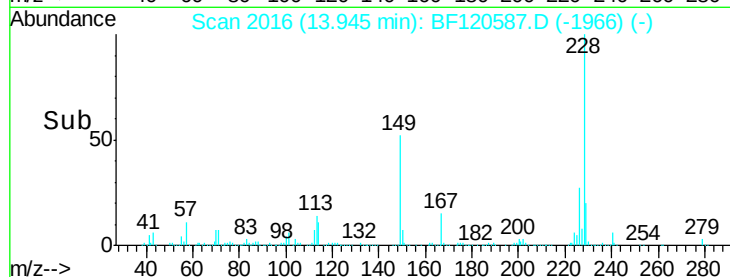
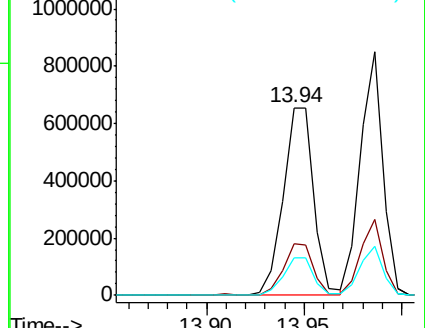
229 19.9 16.1 24.1



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: 23.797 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

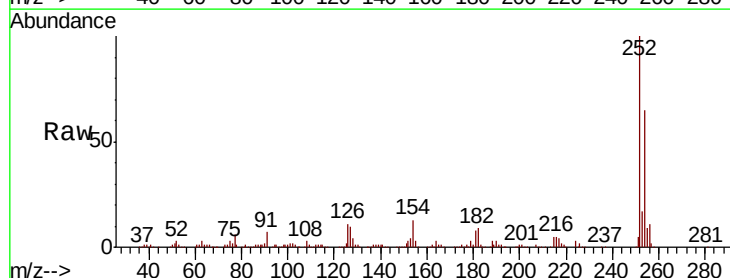
Tgt Ion:252 Resp: 244023

Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

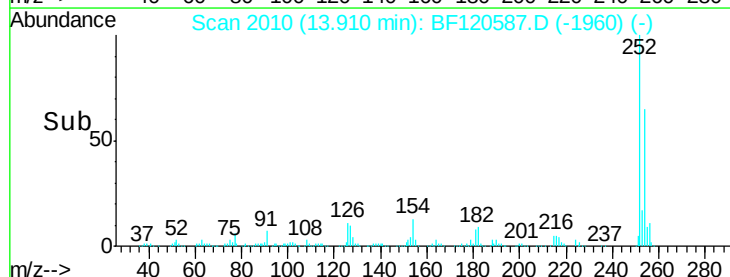
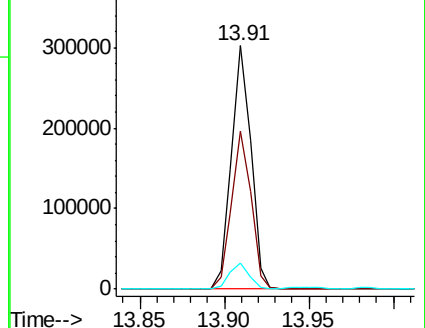
126 10.8 7.9 11.9

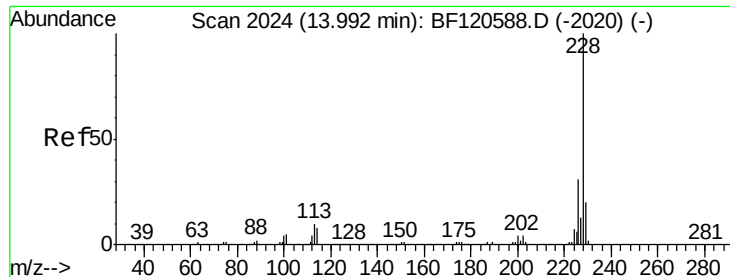


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 24.059 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

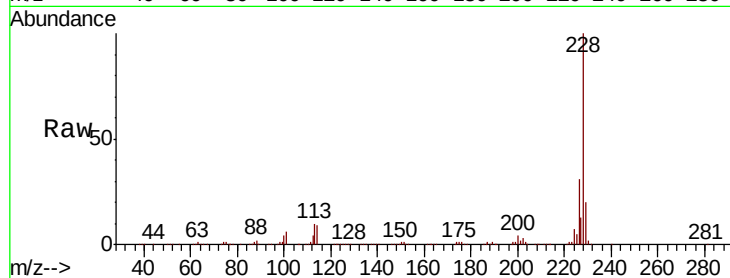
Tot Ion:228 Resp: 684104

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

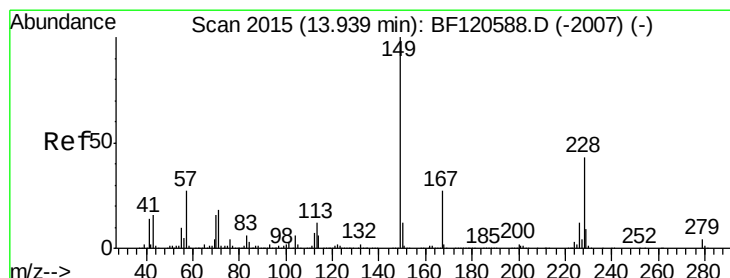
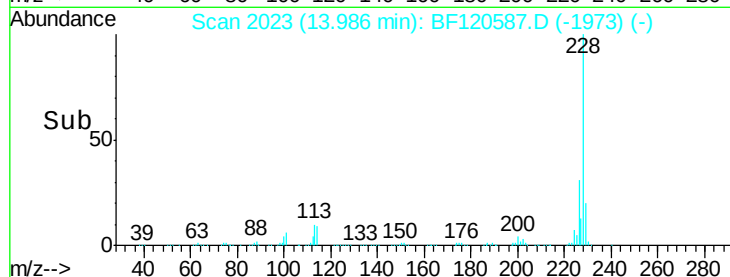
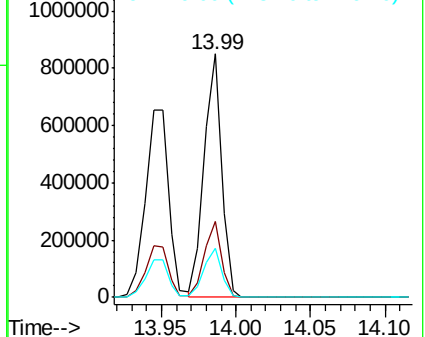
229 20.0 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.616 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF120587.D

Acq: 10 Jun 2020 11:55

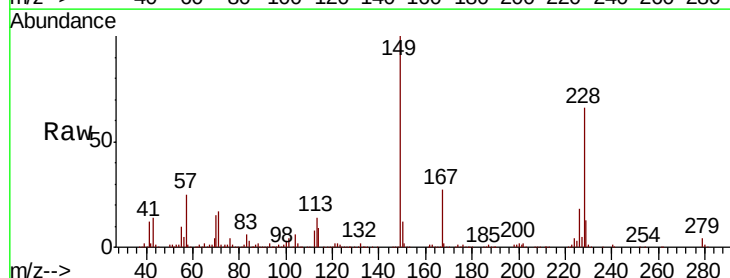
Tgt Ion:149 Resp: 409821

Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

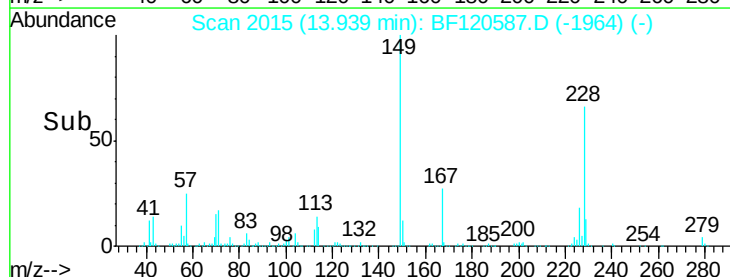
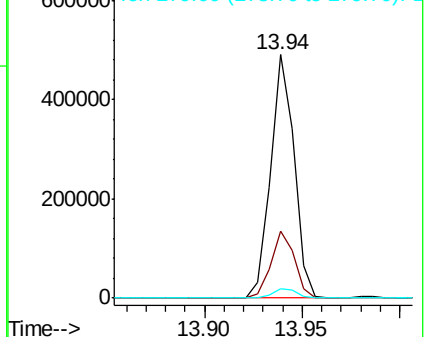
279 3.7 3.0 4.6

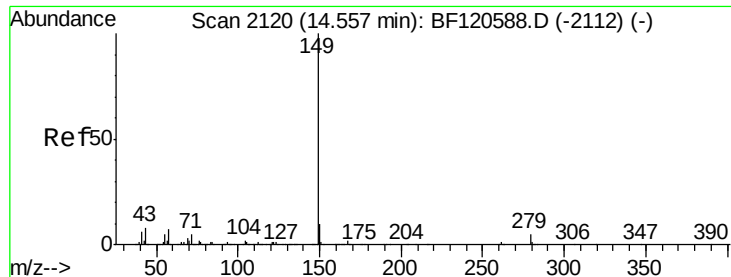


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

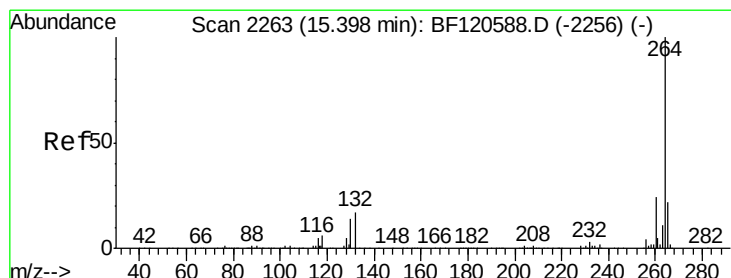
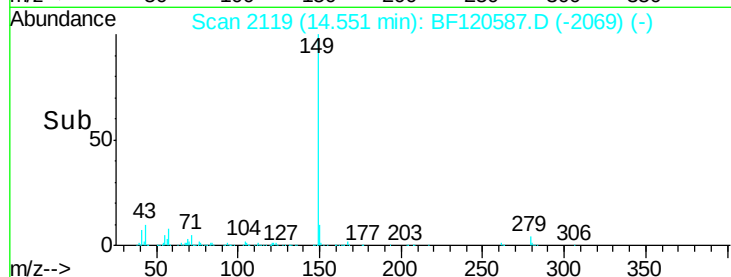
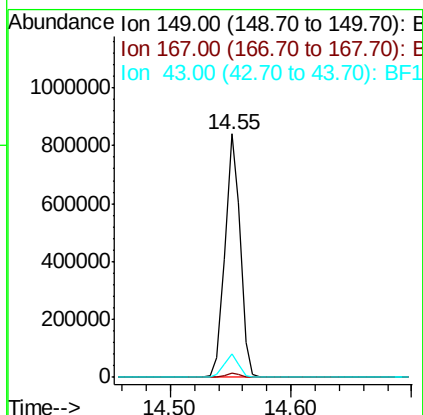
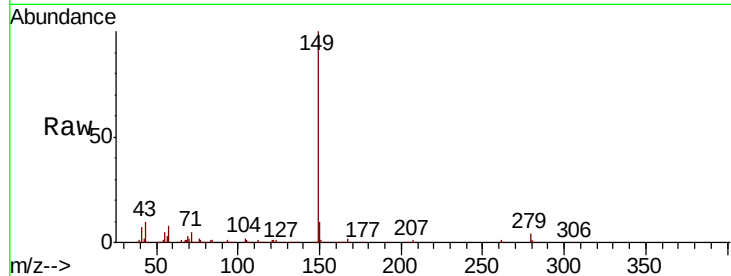




#85
Di-n-octyl phthalate
Concen: 22.180 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

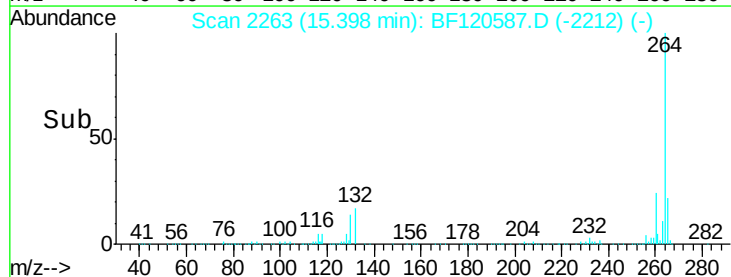
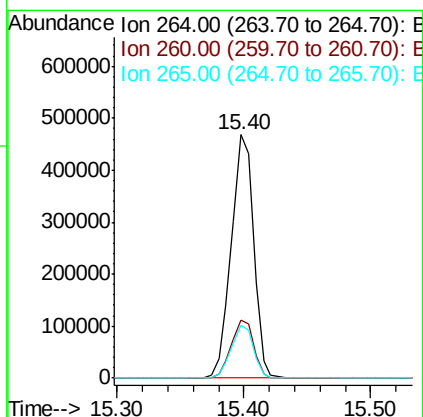
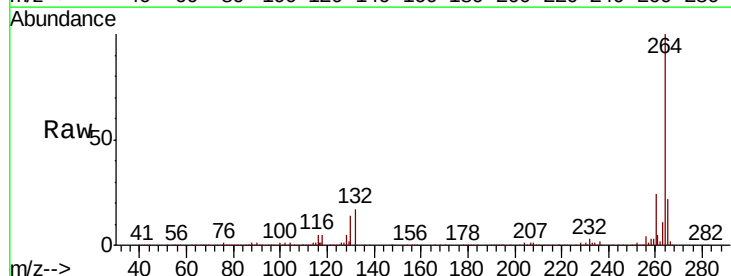
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

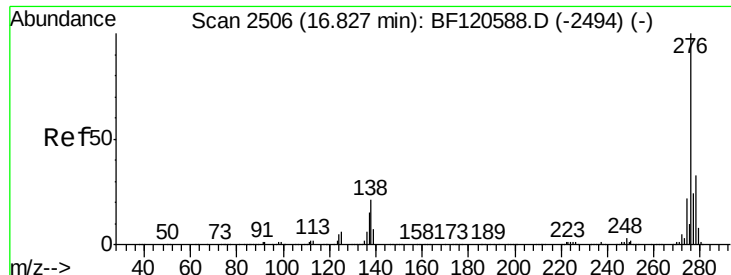
Tot Ion:149 Resp: 727846
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:264 Resp: 568534
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.6 17.8 26.8

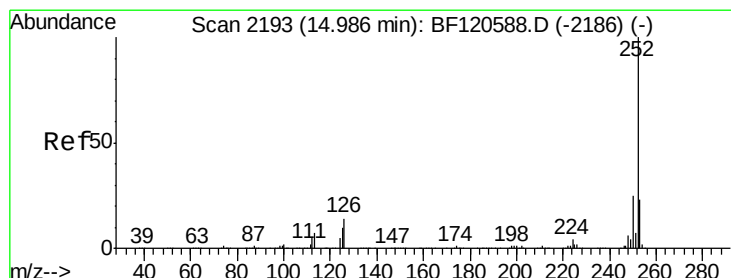
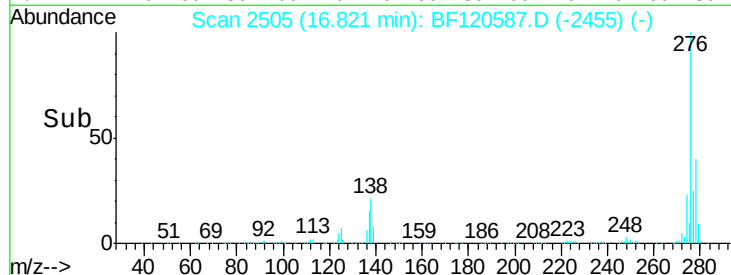
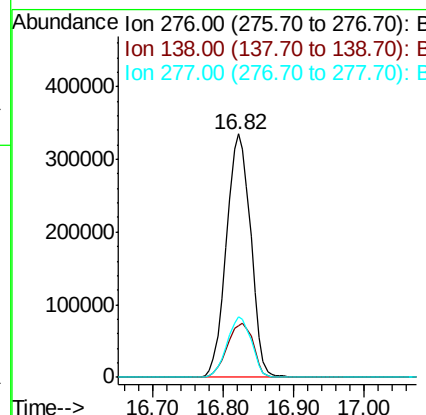
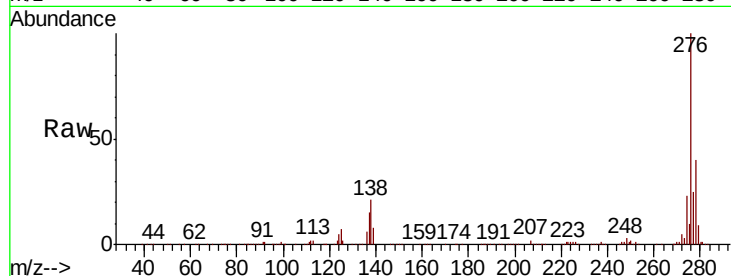




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 25.003 ng
 RT: 16.82 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

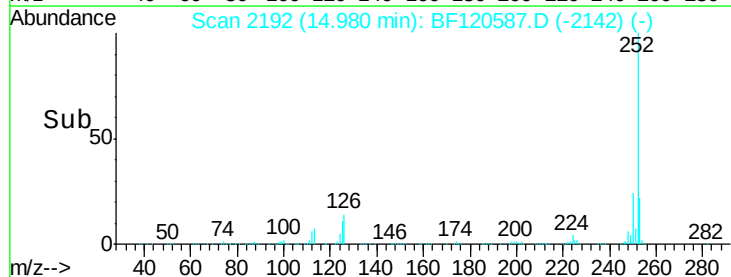
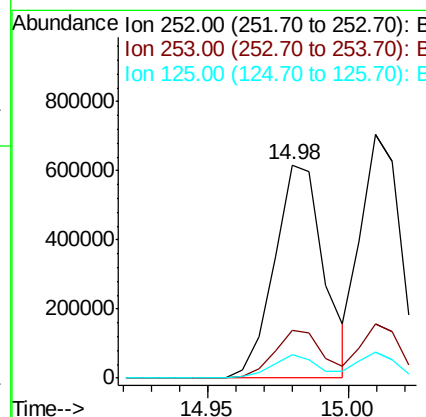
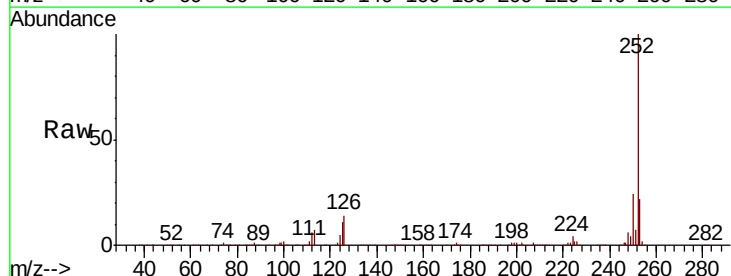
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

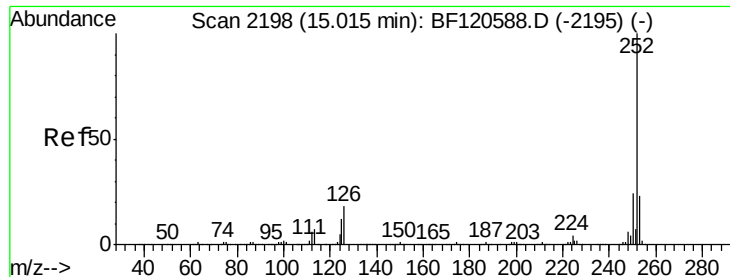
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.9	28.3
277	25.1	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 25.441 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF120587.D
 Acq: 10 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.9	8.3	12.5

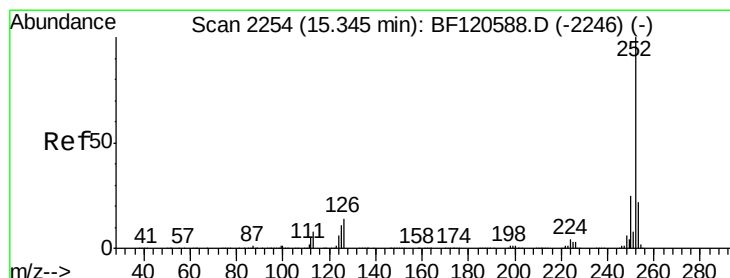
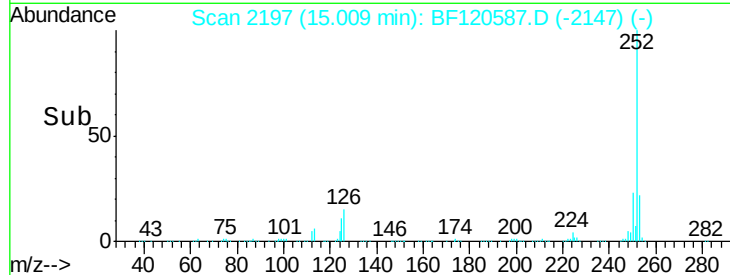
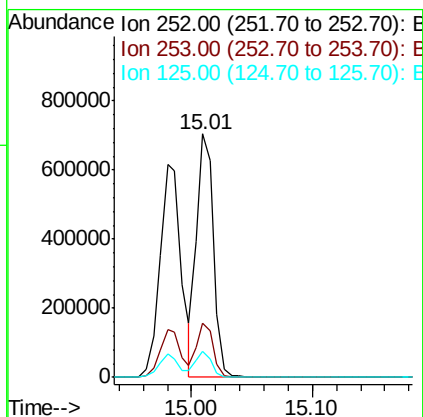
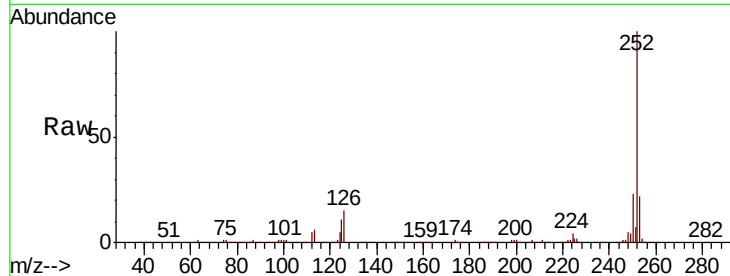




#89
Benzo(k)fluoranthene
Concen: 25.598 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

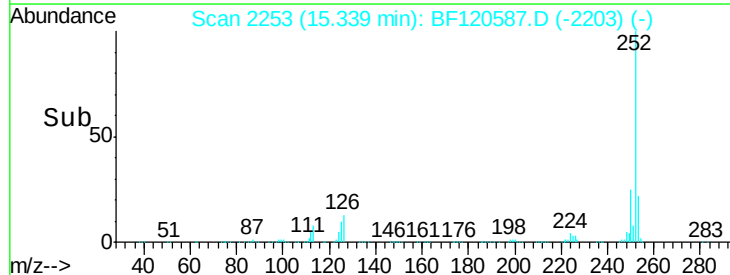
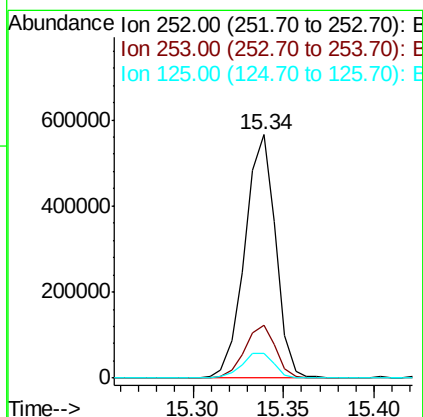
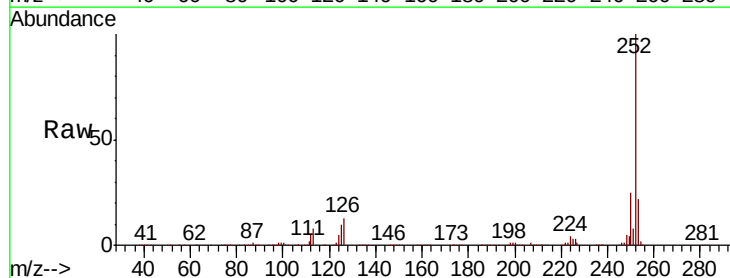
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

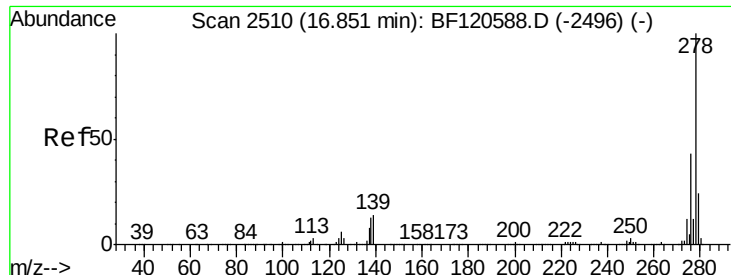
Tot Ion:252 Resp: 688802
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 24.732 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:252 Resp: 668349
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.4 8.6 12.8



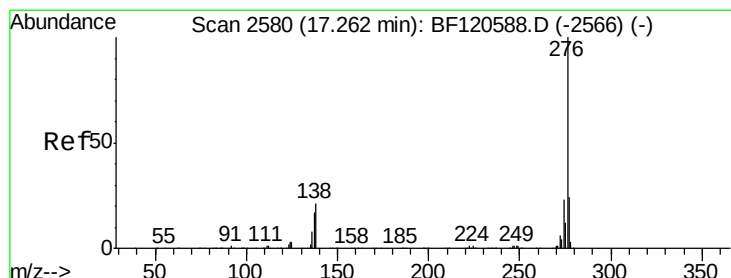
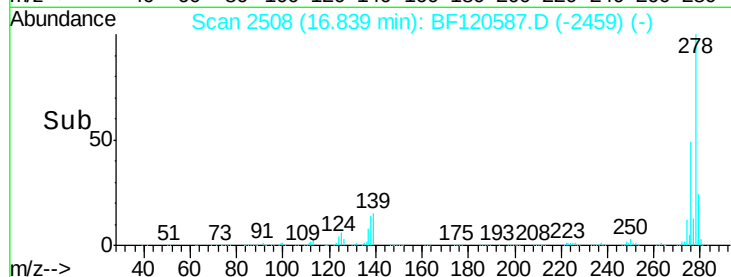
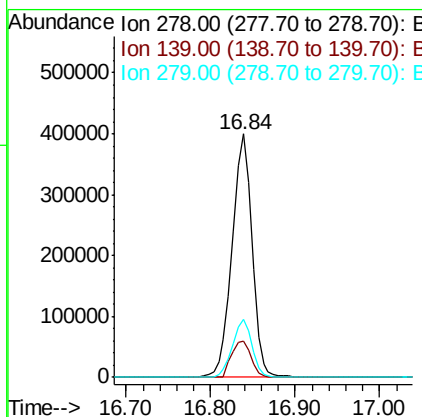
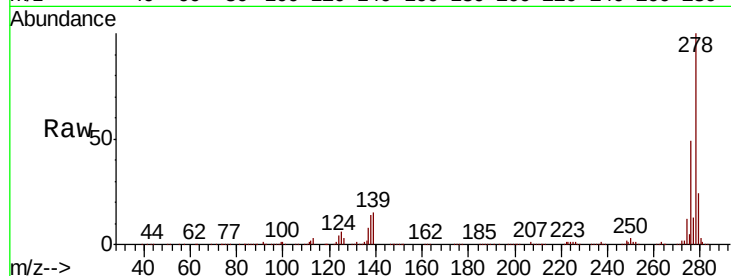


#91
Dibenzo(a,h)anthracene
Concen: 25.145 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:278 Resp: 649791

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.2
279	24.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 25.637 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF120587.D
Acq: 10 Jun 2020 11:55

Tgt Ion:276 Resp: 648412

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	20.8	16.5	24.7

