

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120879.D
 Acq On : 16 Jul 2020 11:12
 Operator : JU/CG
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jul 16 12:20:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 12:11:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	144105	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	552415	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	291818	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	559802	20.00	ng	0.00
76) Chrysene-d12	13.97	240	483722	20.00	ng	0.00
86) Perylene-d12	15.42	264	540877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	396964	42.52	ng	0.00
7) Phenol-d6	6.44	99	511845	42.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	417529	43.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	142732	48.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	829797	43.02	ng	0.00
79) Terphenyl-d14	12.92	244	1000212	40.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	87845	20.600	ng	99
3) Pyridine	3.24	79	238678	20.434	ng	98
4) n-Nitrosodimethylamine	3.18	42	98764	16.902	ng	99
6) Aniline	6.47	93	322193	21.044	ng	97
8) 2-Chlorophenol	6.60	128	217230	21.856	ng	97
9) Benzaldehyde	6.36	77	145583	20.533	ng	97
10) Phenol	6.45	94	284053	23.162	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	211507	21.194	ng	98
12) 1,3-Dichlorobenzene	6.76	146	237650	21.723	ng	98
13) 1,4-Dichlorobenzene	6.83	146	233934	21.350	ng	99
14) 1,2-Dichlorobenzene	6.99	146	226172	21.696	ng	100
15) Benzyl Alcohol	6.95	79	183457	20.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	304613	19.569	ng	99
17) 2-Methylphenol	7.06	107	191334	21.519	ng	100
18) Hexachloroethane	7.33	117	84110	20.423	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	145693	20.297	ng	95
20) 3+4-Methylphenols	7.22	107	240822	21.991	ng	93
22) Acetophenone	7.22	105	285151	20.767	ng	98
24) Nitrobenzene	7.39	77	226691	21.175	ng	96
25) Isophorone	7.63	82	416348	20.248	ng	97
26) 2-Nitrophenol	7.71	139	102719	26.248	ng	91
27) 2,4-Dimethylphenol	7.75	122	173671	21.158	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	256503	21.077	ng	97
29) 2,4-Dichlorophenol	7.95	162	176595	21.551	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	199475	21.673	ng	100
31) Naphthalene	8.12	128	635308	21.519	ng	100
32) Benzoic acid	7.84	122	130383	29.351	ng	98
33) 4-Chloroaniline	8.17	127	272832	21.778	ng	98
34) Hexachlorobutadiene	8.24	225	118321	21.375	ng	98
35) Caprolactam	8.52	113	56000	23.454	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	182085	21.362	ng	96
37) 2-Methylnaphthalene	8.81	142	412468	21.492	ng	99
38) 1-Methylnaphthalene	8.91	142	391408	21.773	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	187387	21.247	ng	100

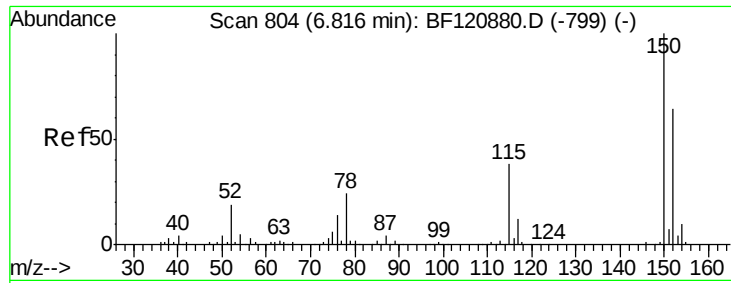
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	101597	19.497	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	130538	21.721	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	147303	22.086	ng	97
46) 1,1'-Biphenyl	9.27	154	491921	20.898	ng	99
47) 2-Chloronaphthalene	9.30	162	396881	21.046	ng	98
48) 2-Nitroaniline	9.39	65	117314	23.251	ng	96
49) Acenaphthylene	9.72	152	621322	21.015	ng	99
50) Dimethylphthalate	9.57	163	453536	21.305	ng	100
51) 2,6-Dinitrotoluene	9.63	165	94744	24.636	ng	95
52) Acenaphthene	9.89	154	390507	21.291	ng	100
53) 3-Nitroaniline	9.80	138	121111	25.491	ng	96
54) 2,4-Dinitrophenol	9.90	184	38036	29.947	ng	# 88
55) Dibenzofuran	10.06	168	572125	21.640	ng	99
56) 4-Nitrophenol	9.95	139	90564	25.951	ng	98
57) 2,4-Dinitrotoluene	10.03	165	125712	27.227	ng	# 97
58) Fluorene	10.40	166	431081	21.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	113302	22.829	ng	100
60) Diethylphthalate	10.27	149	463096	20.883	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	219545	22.193	ng	98
62) 4-Nitroaniline	10.41	138	117465	25.971	ng	98
63) Azobenzene	10.55	77	444997	19.617	ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	56750	31.552	ng	97
66) n-Nitrosodiphenylamine	10.51	169	384791	20.508	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	136988	21.095	ng	97
68) Hexachlorobenzene	10.95	284	146584	21.512	ng	96
69) Atrazine	11.03	200	101433	20.984	ng	98
70) Pentachlorophenol	11.13	266	85429	22.159	ng	99
71) Phenanthrene	11.36	178	642015	21.137	ng	100
72) Anthracene	11.41	178	646685	21.069	ng	99
73) Carbazole	11.56	167	636706	21.587	ng	99
74) Di-n-butylphthalate	11.90	149	752469	20.606	ng	100
75) Fluoranthene	12.55	202	712409	22.017	ng	98
77) Benzidine	12.67	184	278397	20.390	ng	99
78) Pyrene	12.77	202	750642	19.430	ng	99
80) Butylbenzylphthalate	13.40	149	329293	19.743	ng	96
81) Benzo(a)anthracene	13.96	228	672926	21.702	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	245261	23.439	ng	98
83) Chrysene	14.00	228	673014	21.279	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	437207	19.989	ng	98
85) Di-n-octyl phthalate	14.57	149	821616	21.234	ng	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	796992	22.973	ng	99
88) Benzo(b)fluoranthene	15.00	252	672883	18.923	ng	99
89) Benzo(k)fluoranthene	15.03	252	669245	19.342	ng	98
90) Benzo(a)pyrene	15.36	252	639908	20.174	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	667176	23.074	ng	98
92) Benzo(g,h,i)perylene	17.27	276	644496	24.388	ng	98

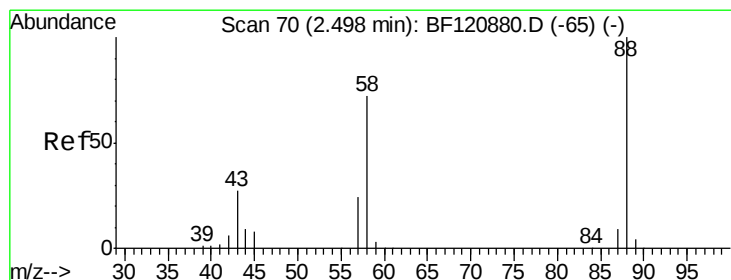
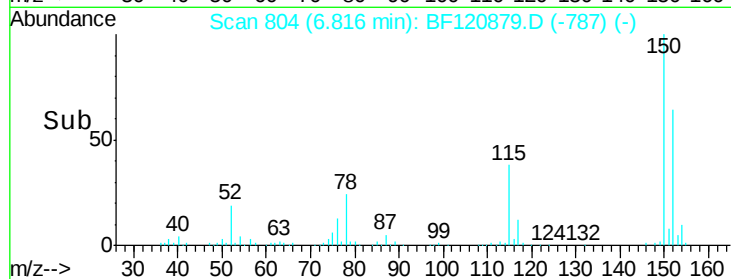
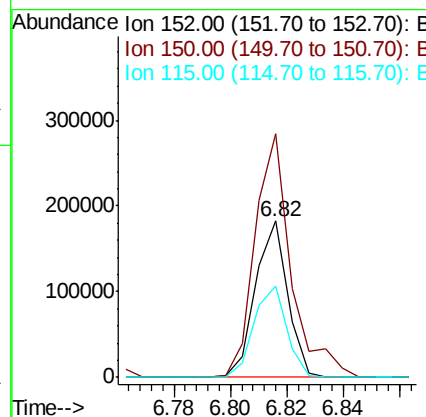
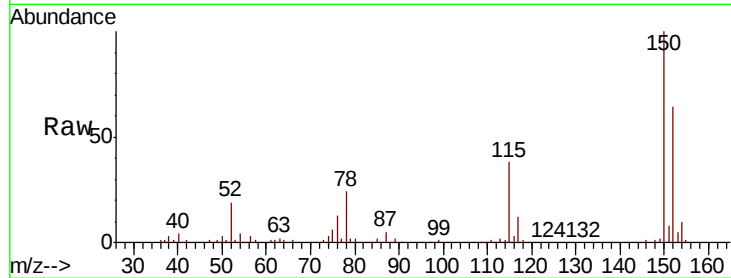
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

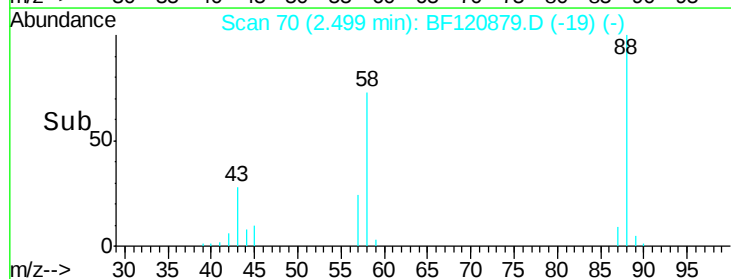
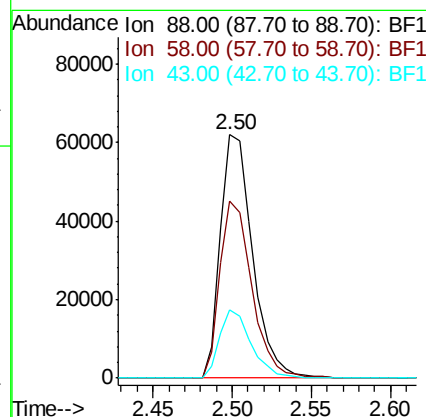
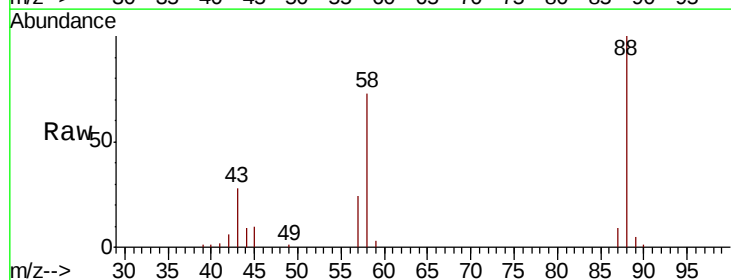
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

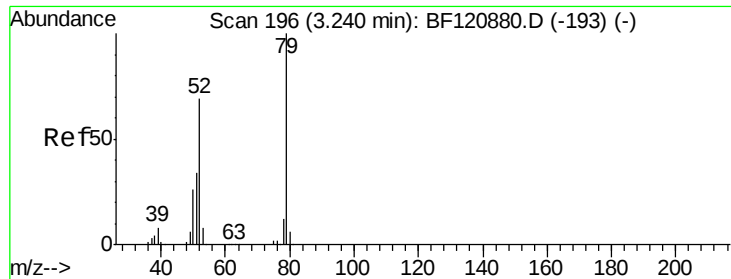
Tot Ion:152 Resp: 144105
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.0 187.6
 115 58.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 20.600 ng
 RT: 2.50 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion: 88 Resp: 87845
 Ion Ratio Lower Upper
 88 100
 58 72.1 58.2 87.2
 43 27.3 22.1 33.1





#3

Pvridine

Concen: 20.434 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

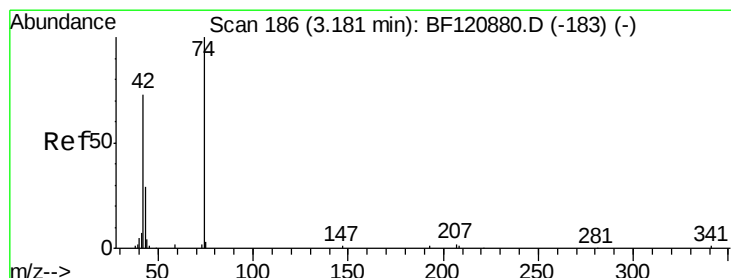
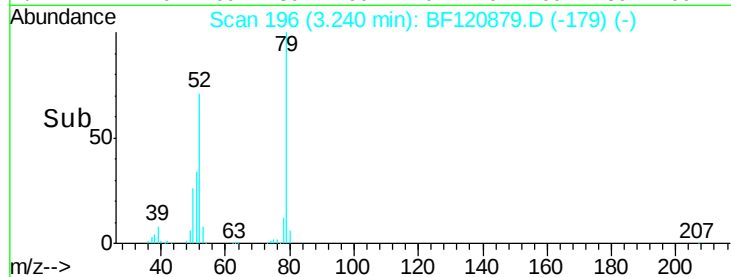
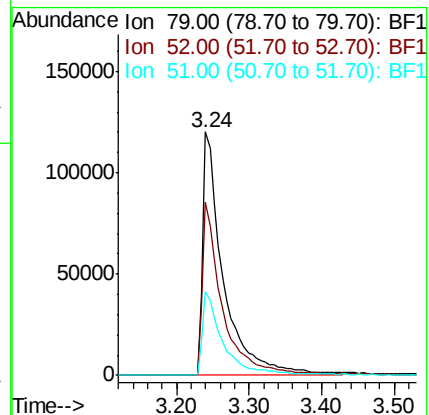
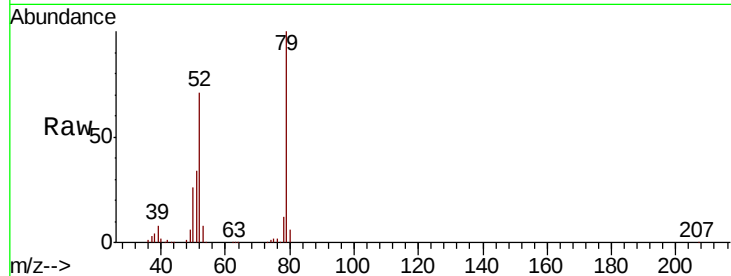
Tot Ion: 79 Resp: 238678

Ion Ratio Lower Upper

79 100

52 71.3 55.0 82.6

51 34.1 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 16.902 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

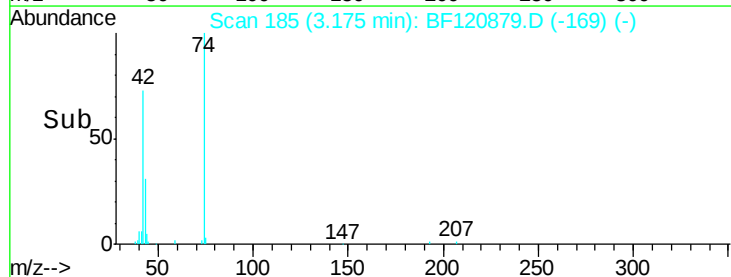
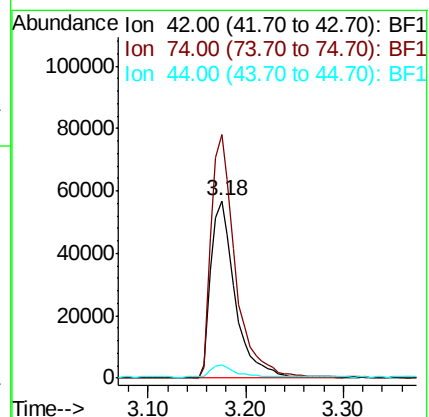
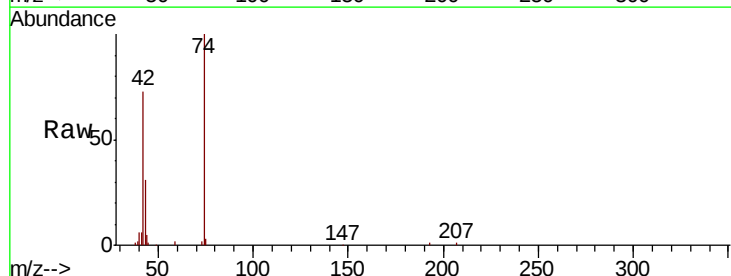
Tgt Ion: 42 Resp: 98764

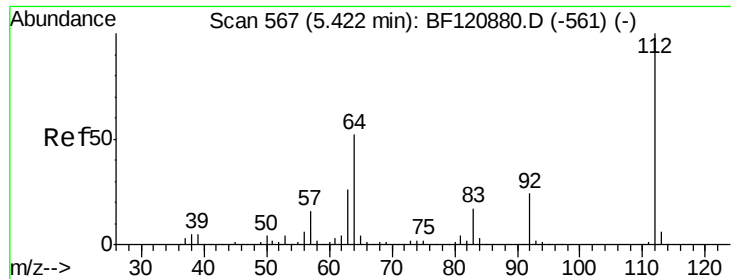
Ion Ratio Lower Upper

42 100

74 137.5 108.7 163.1

44 7.6 5.2 7.8





#5

2-Fluorophenol

Concen: 42.523 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

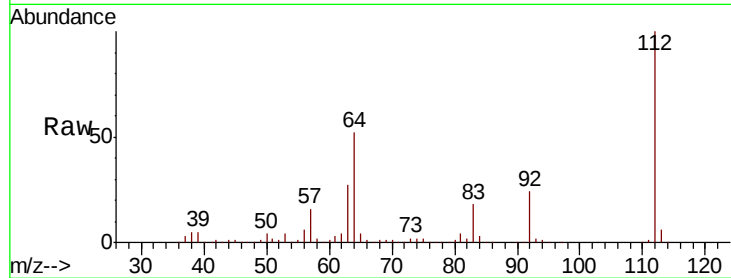
Tot Ion:112 Resp: 396964

Ion Ratio Lower Upper

112 100

64 52.1 41.3 61.9

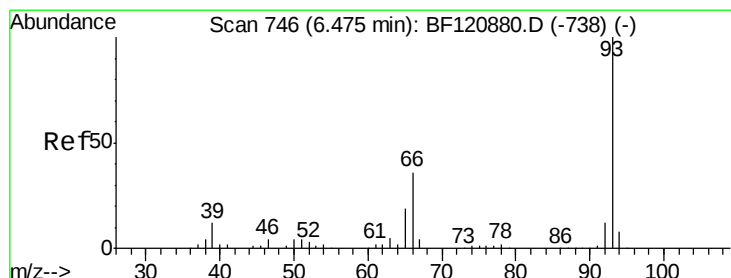
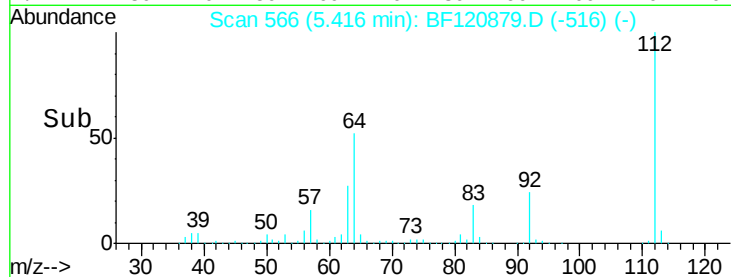
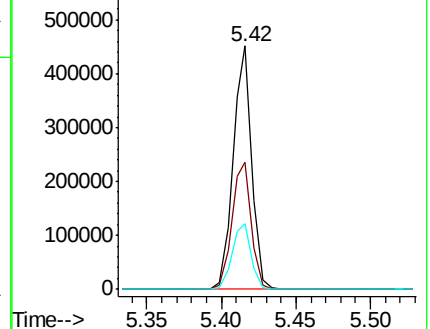
63 26.8 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.044 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

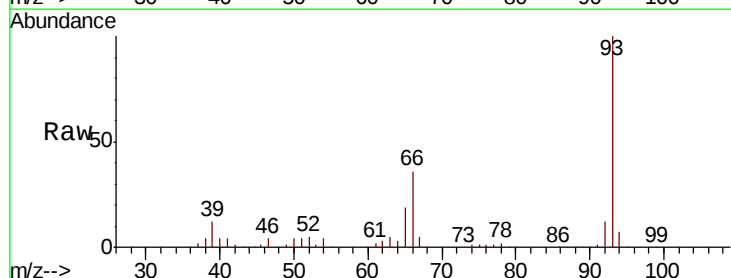
Tgt Ion: 93 Resp: 322193

Ion Ratio Lower Upper

93 100

66 35.6 30.2 45.4

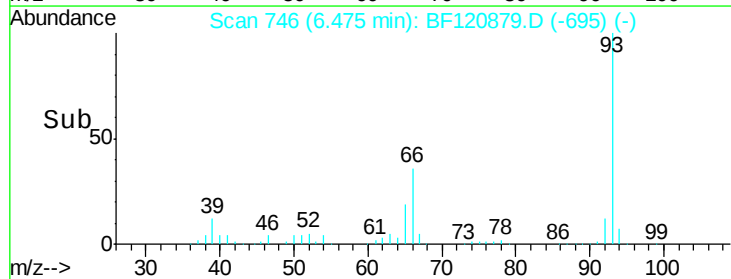
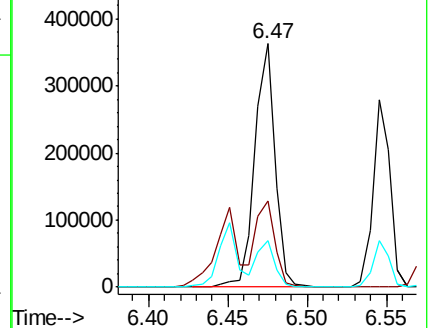
65 19.3 15.8 23.6

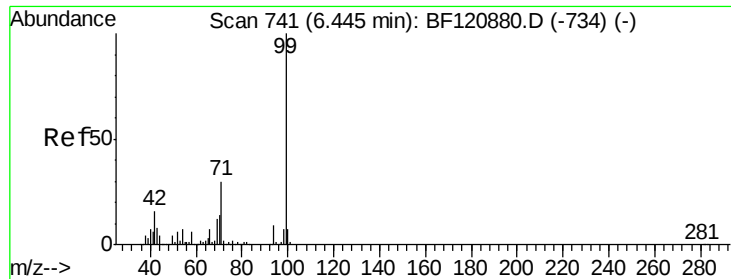


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 42.934 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

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ClientSampleId :

SSTDIC020

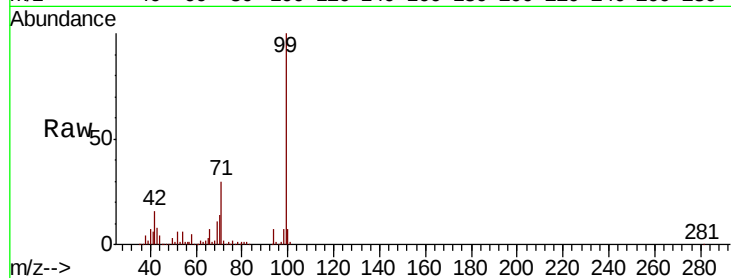
Tot Ion: 99 Resp: 511845

Ion Ratio Lower Upper

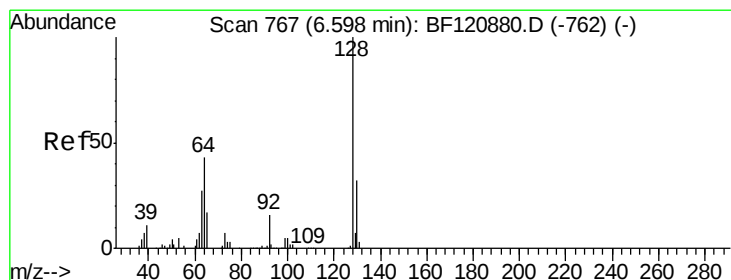
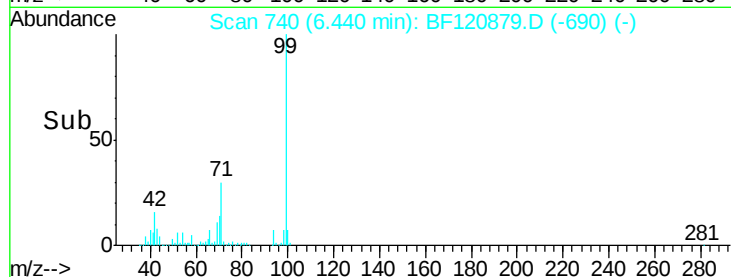
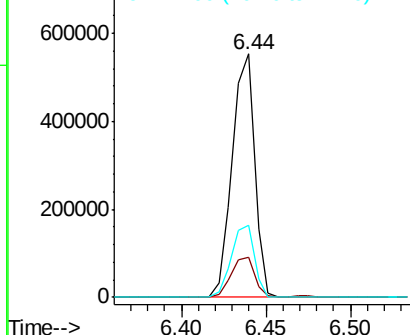
99 100

42 16.3 13.1 19.7

71 29.7 24.2 36.4



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



#8

2-Chlorophenol

Concen: 21.856 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

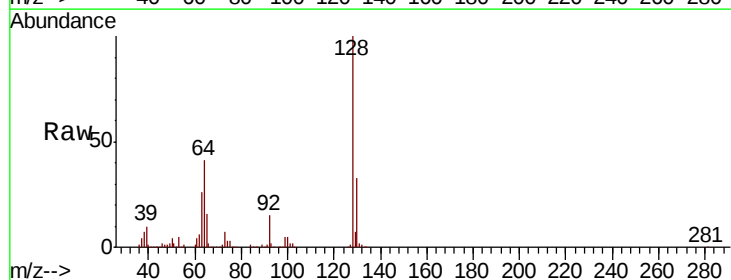
Tgt Ion: 128 Resp: 217230

Ion Ratio Lower Upper

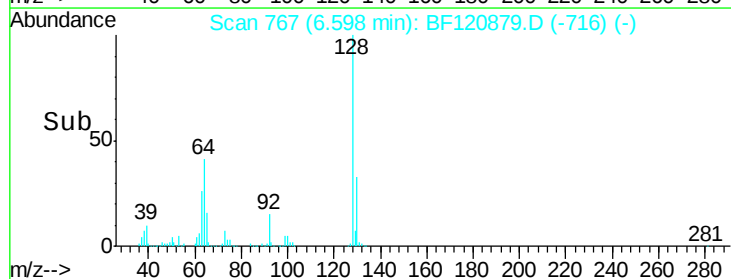
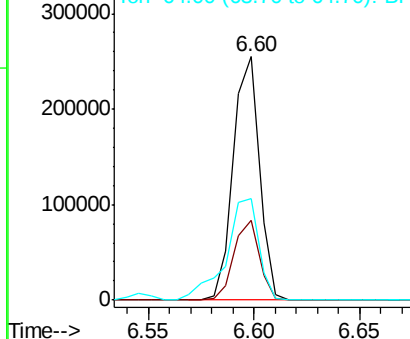
128 100

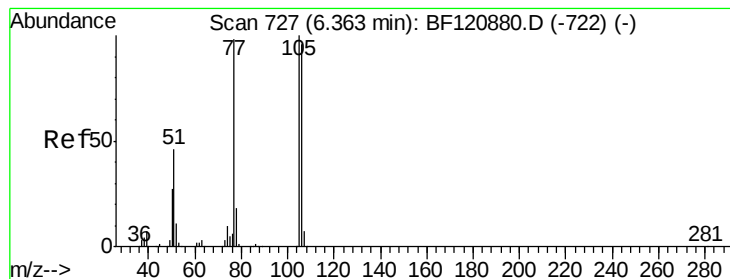
130 32.9 12.1 52.1

64 41.5 24.0 64.0



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





#9

Benzaldehyde

Concen: 20.533 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

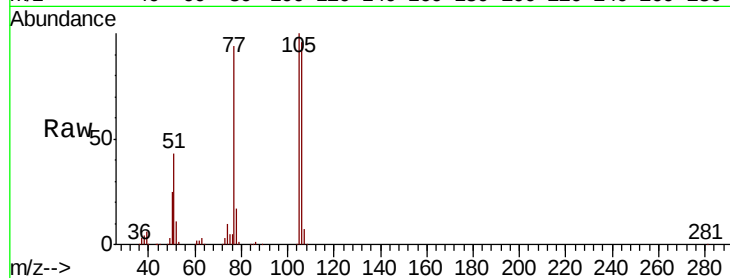
Tot Ion: 77 Resp: 145583

Ion Ratio Lower Upper

77 100

105 106.1 82.5 122.5

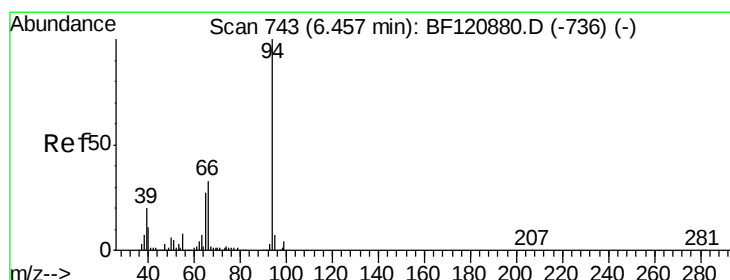
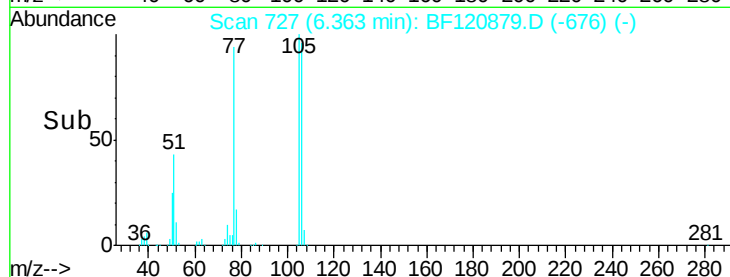
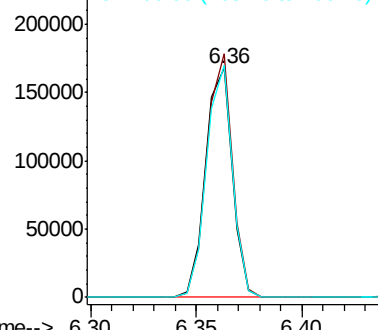
106 101.4 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 23.162 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

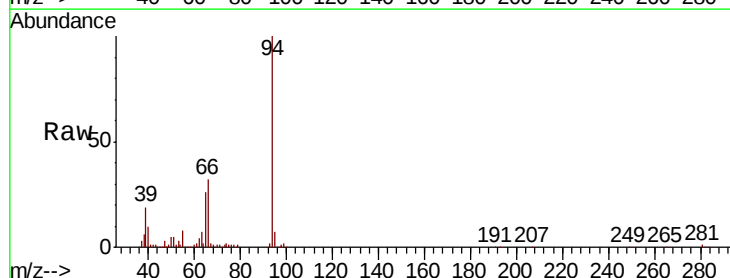
Tgt Ion: 94 Resp: 284053

Ion Ratio Lower Upper

94 100

65 25.8 6.6 46.6

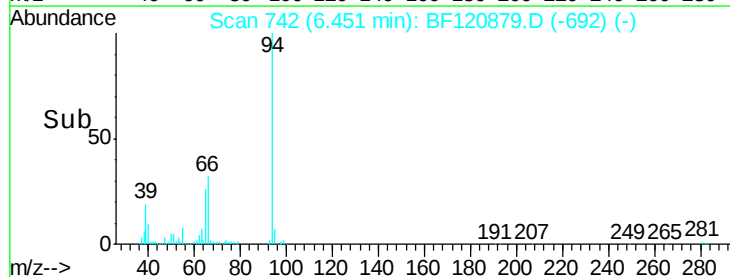
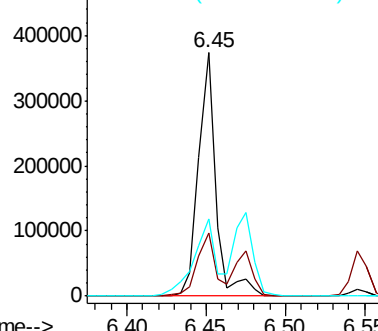
66 31.9 13.2 53.2

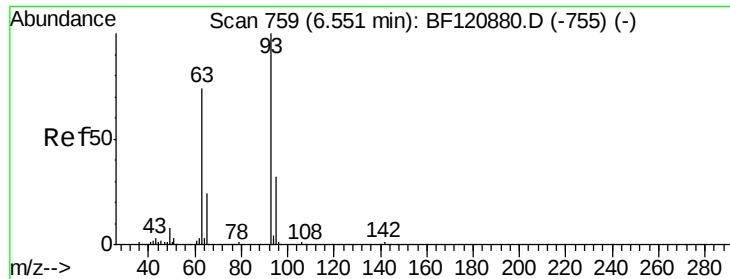


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

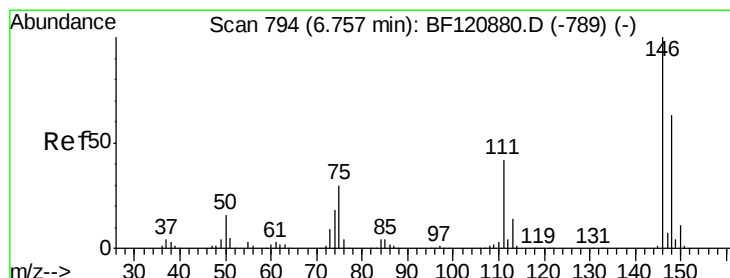
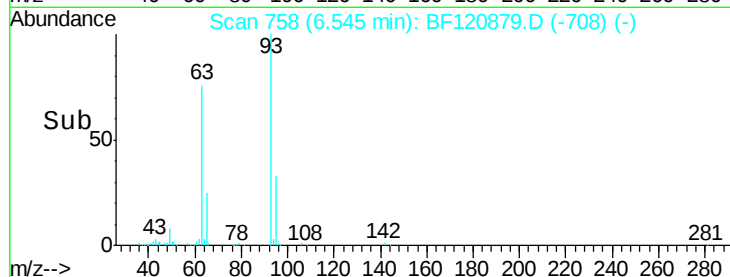
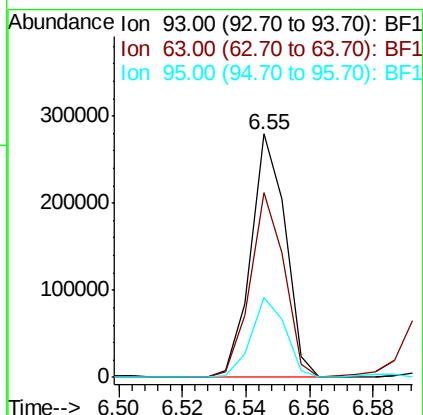
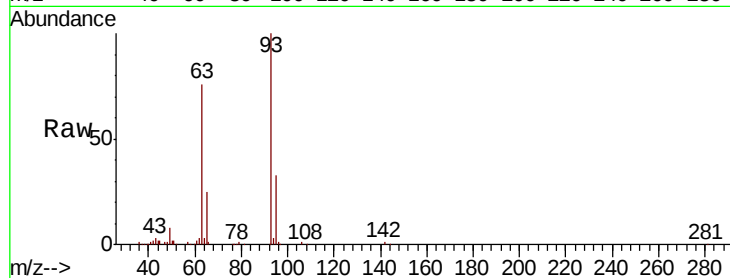




#11
bis(2-Chloroethyl)ether
Concen: 21.194 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

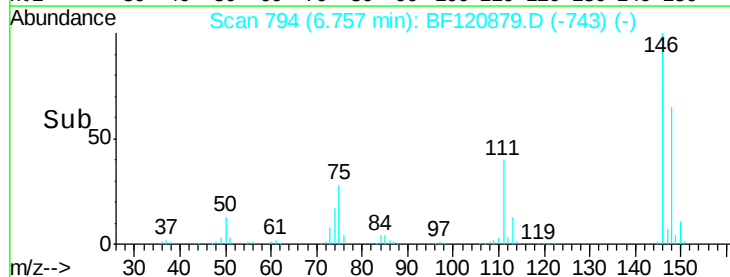
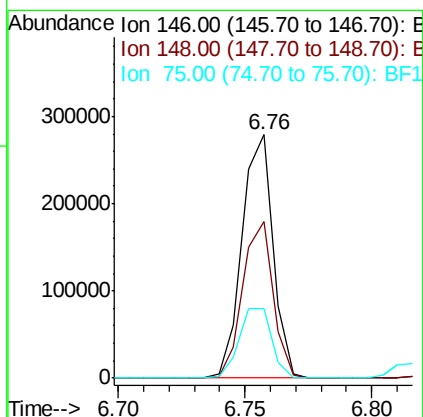
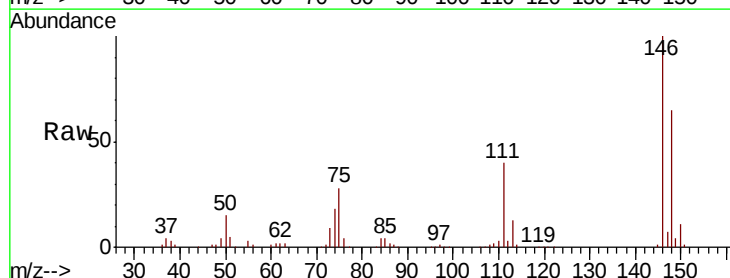
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

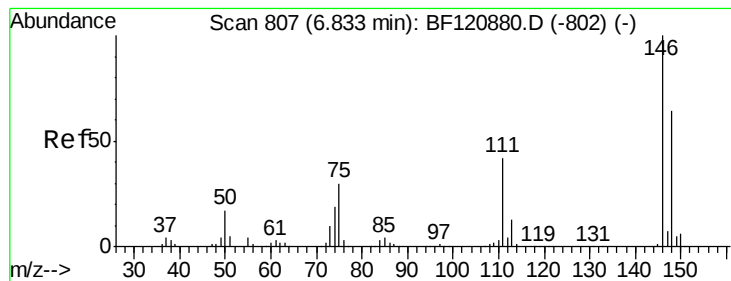
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	54.2	94.2
95	33.0	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 21.723 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
75	28.4	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 21.350 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

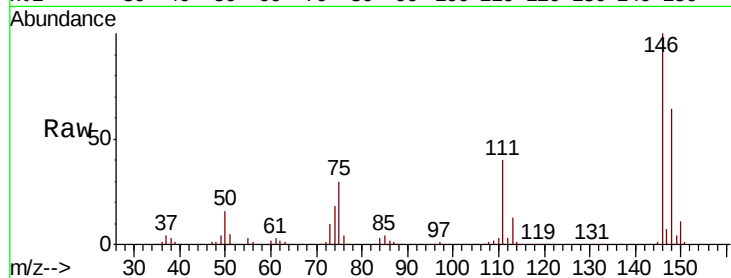
Tot Ion:146 Resp: 233934

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

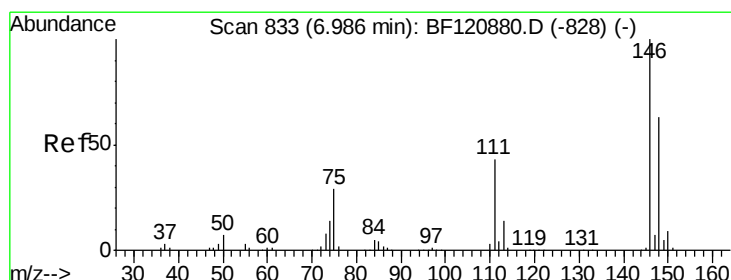
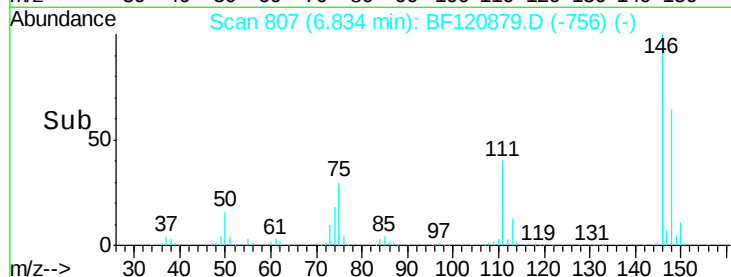
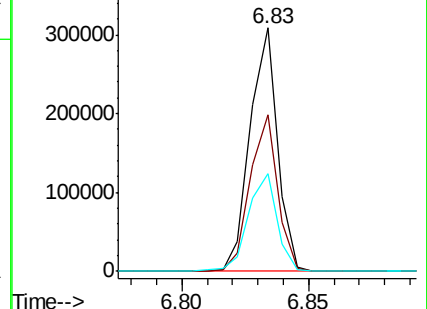
111 39.9 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.696 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

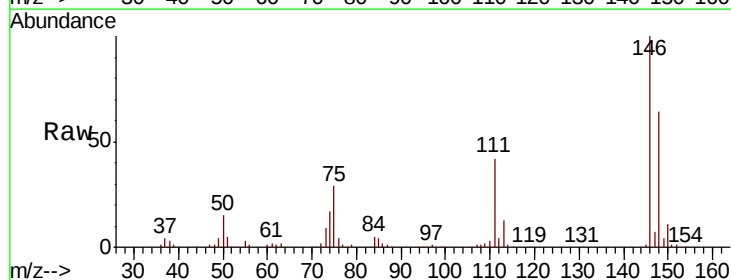
Tgt Ion:146 Resp: 226172

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

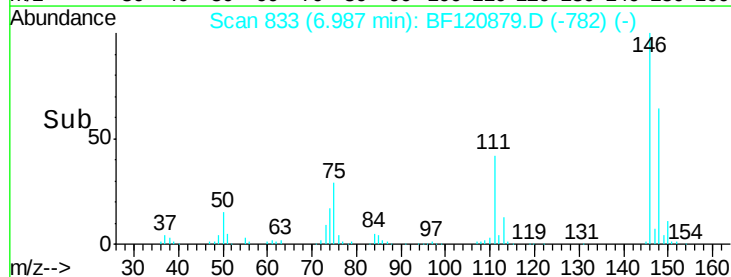
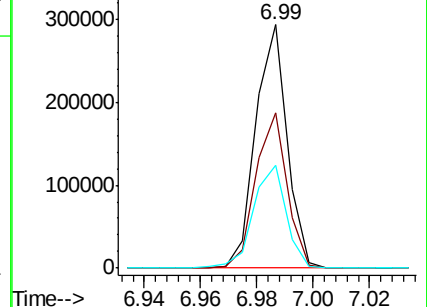
111 42.3 34.2 51.2

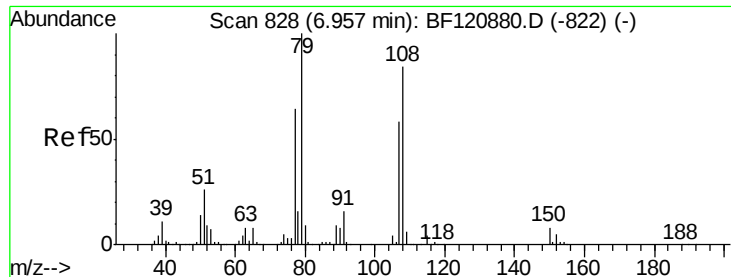


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.481 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

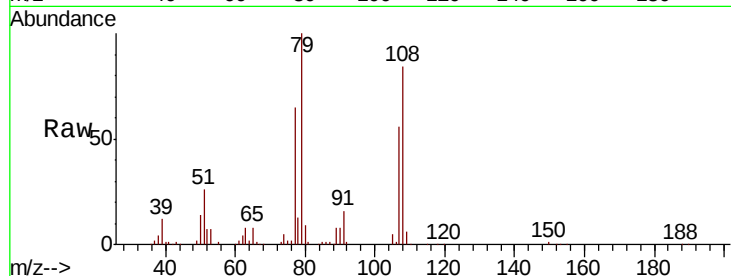
Tot Ion: 79 Resp: 183457

Ion Ratio Lower Upper

79 100

108 84.1 67.0 100.6

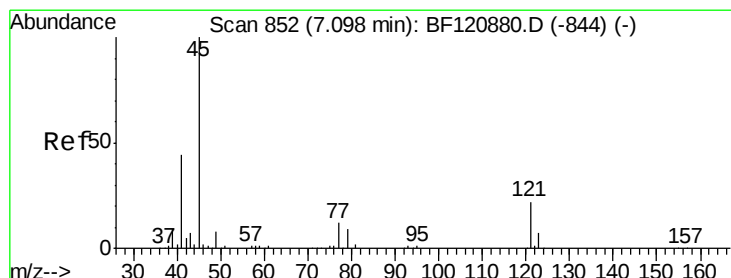
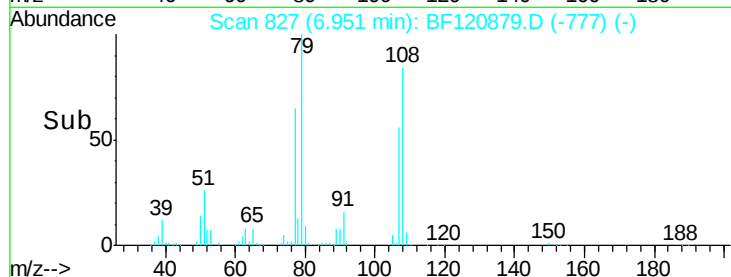
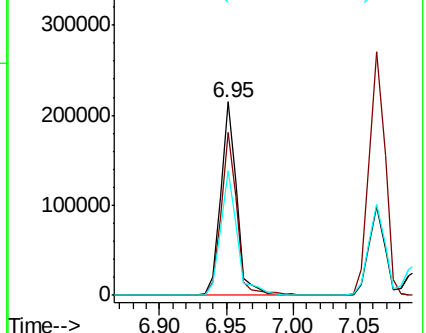
77 64.7 51.0 76.4



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: 19.569 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

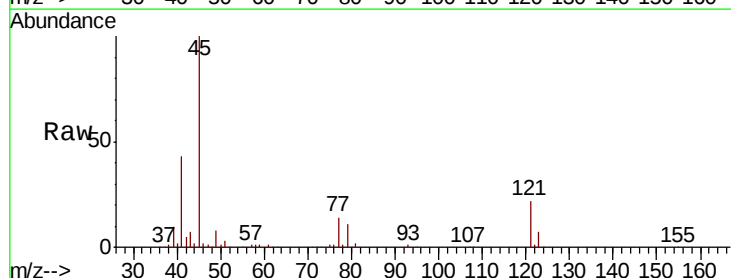
Tgt Ion: 45 Resp: 304613

Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.3

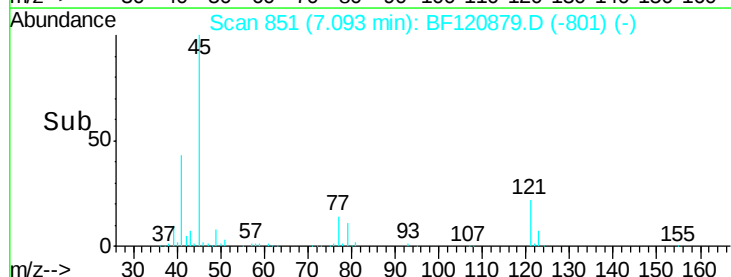
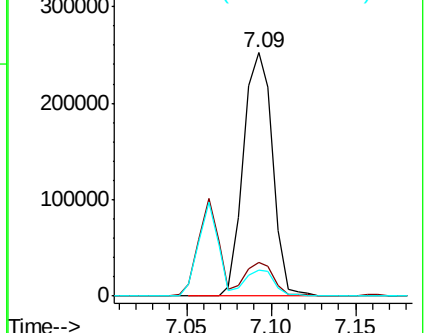
79 10.6 0.0 31.0

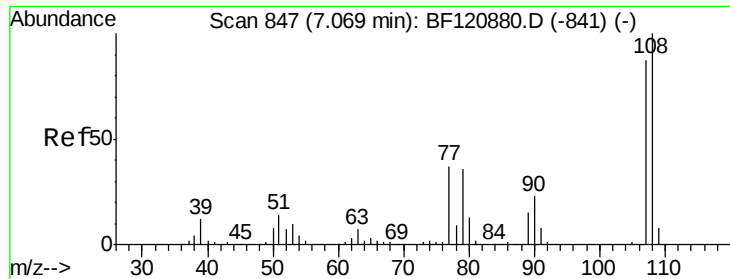


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

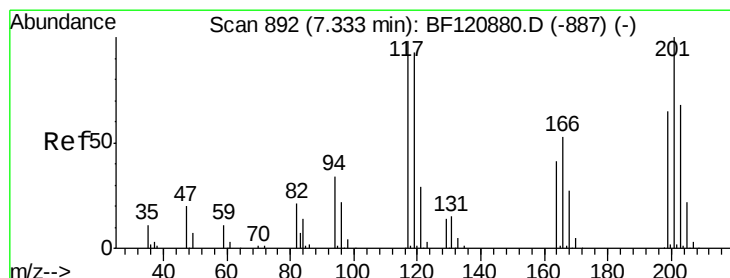
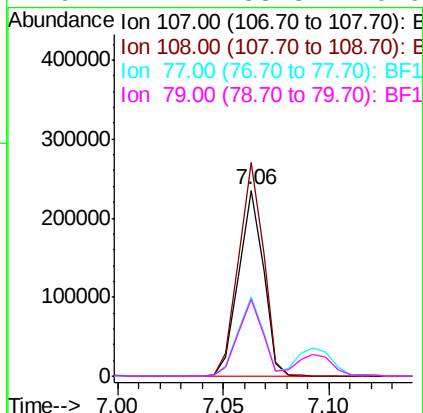
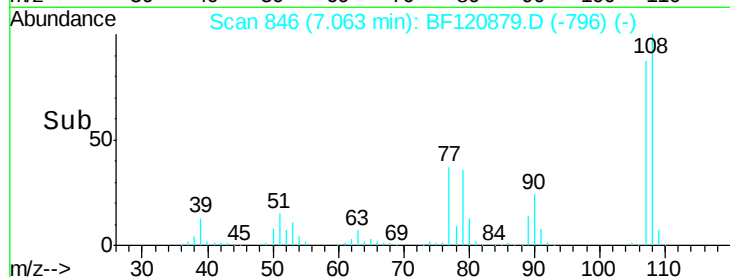
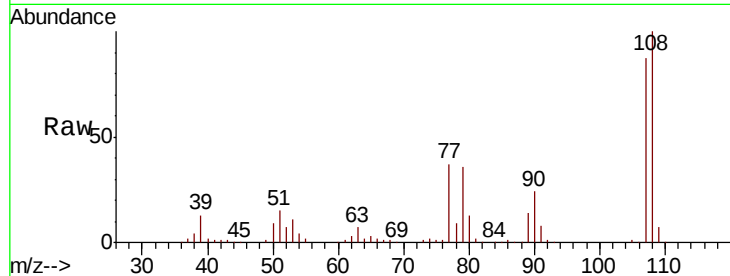




#17
2-Methylphenol
Concen: 21.519 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

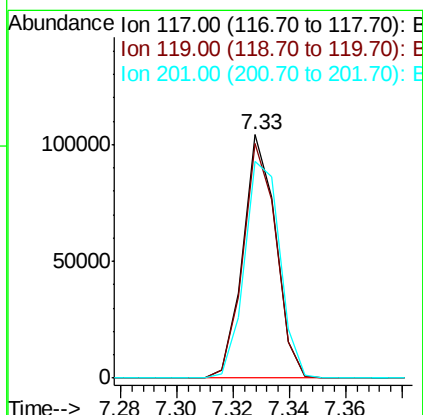
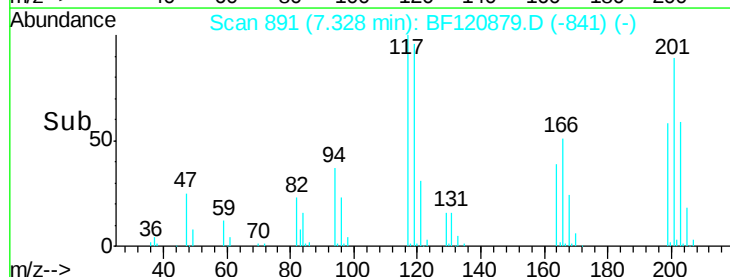
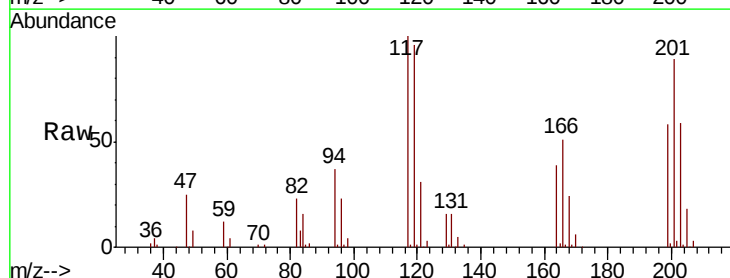
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

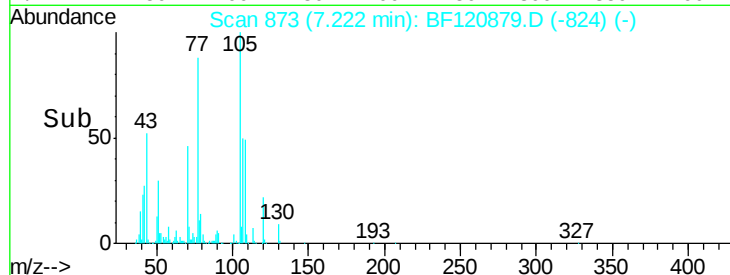
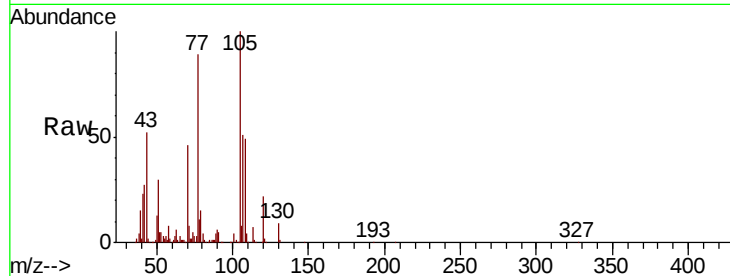
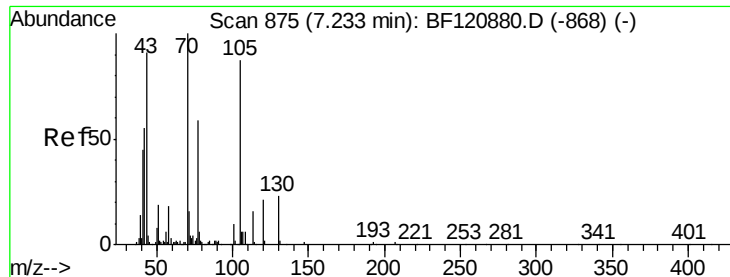
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	43.1	34.0	51.0
79	41.7	33.3	49.9



#18
Hexachloroethane
Concen: 20.423 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
201	89.2	81.7	122.5

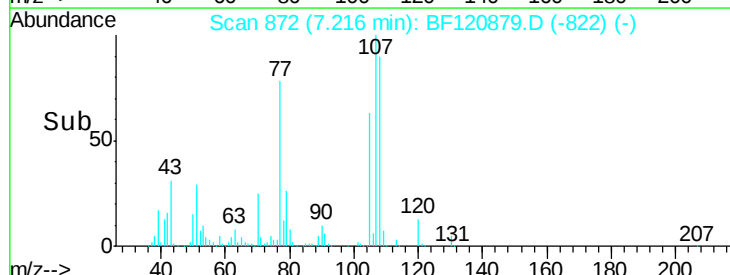
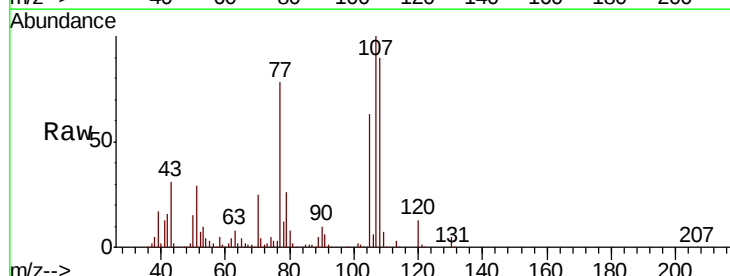
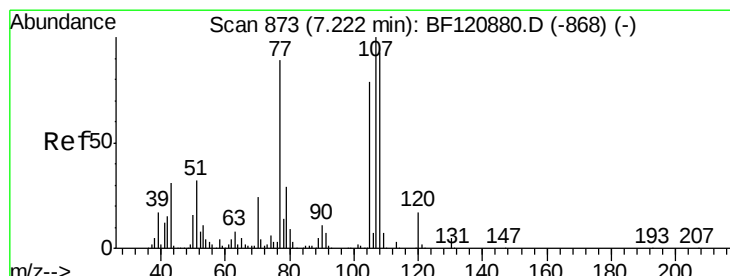
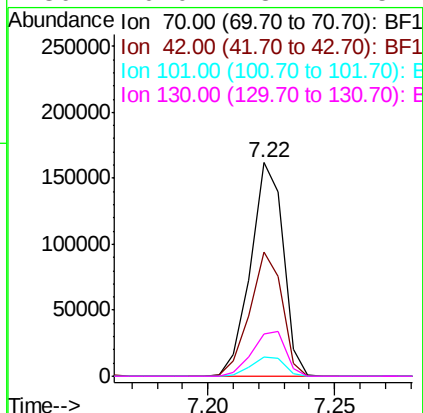




#19
n-Nitroso-di-n-propylamine
Concen: 20.297 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

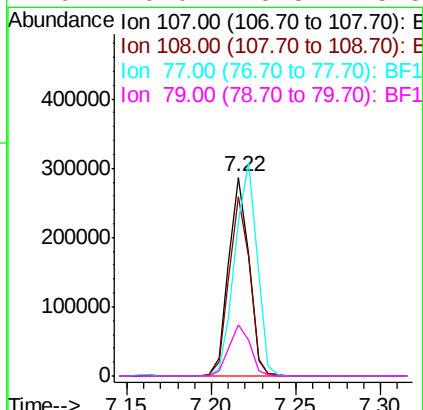
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

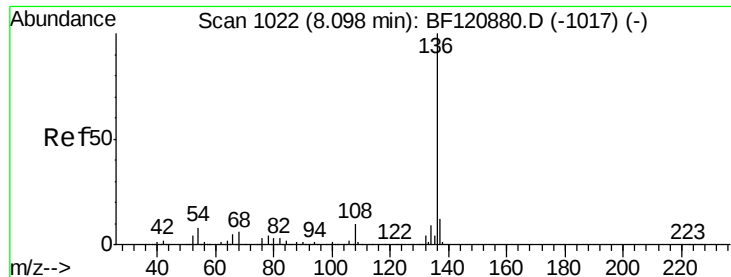
Tot Ion:	70	Resp:	145693
Ion	Ratio	Lower	Upper
70	100		
42	58.1	44.0	66.0
101	8.9	7.8	11.6
130	20.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 21.991 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:	107	Resp:	240822
Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.8	112.8
77	77.7	68.7	108.7
79	26.0	8.5	48.5

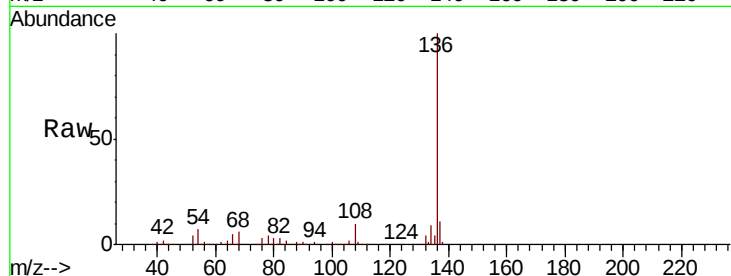




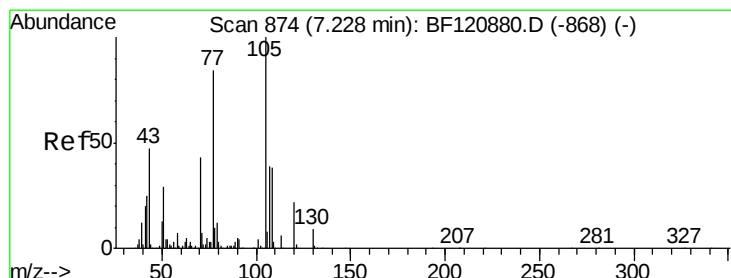
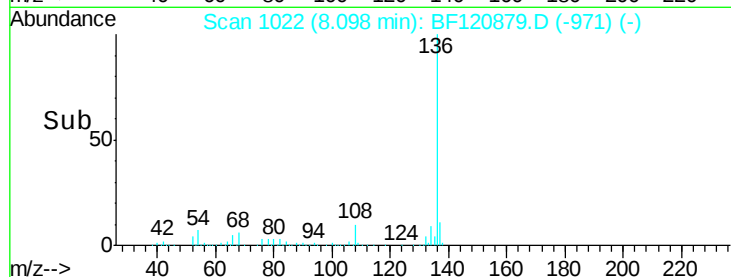
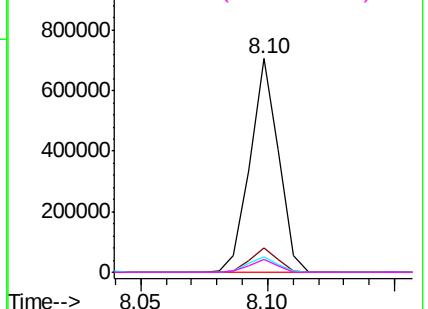
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:136	Resp:	552415
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.3 13.9
54	7.5	6.3 9.5
68	6.0	5.0 7.4

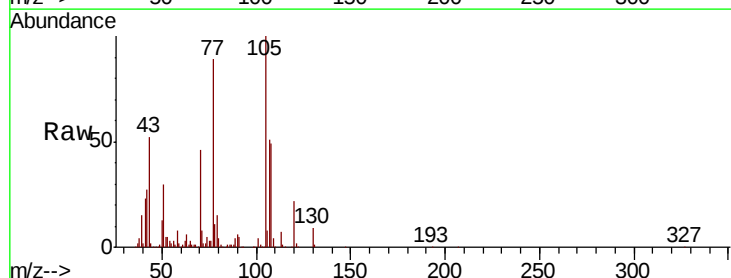


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

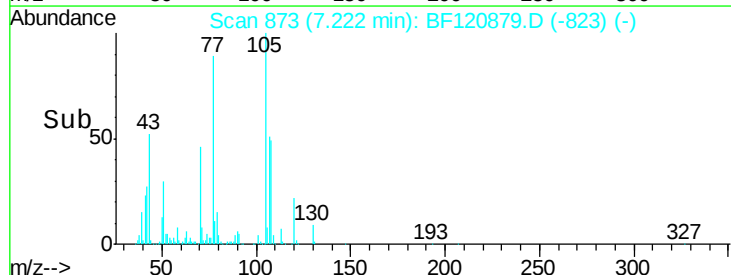
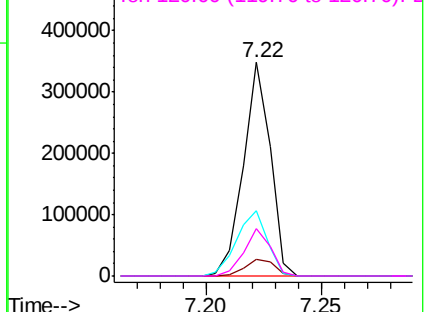


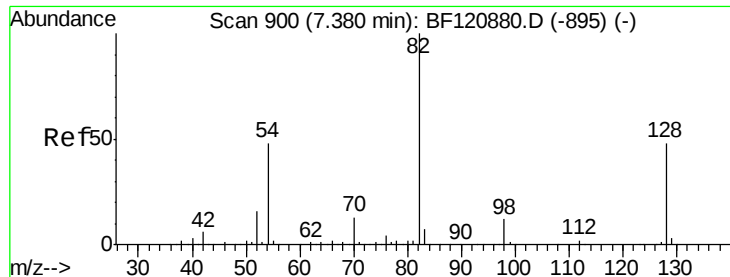
#22
Acetophenone
Concen: 20.767 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:105	Resp:	285151
Ion Ratio	Lower	Upper
105	100	
71	7.7	5.7 8.5
51	30.3	22.9 34.3
120	22.2	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

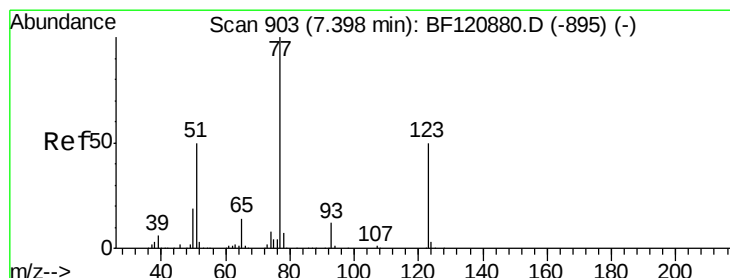
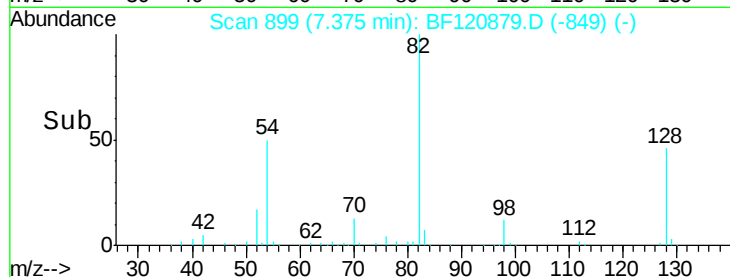
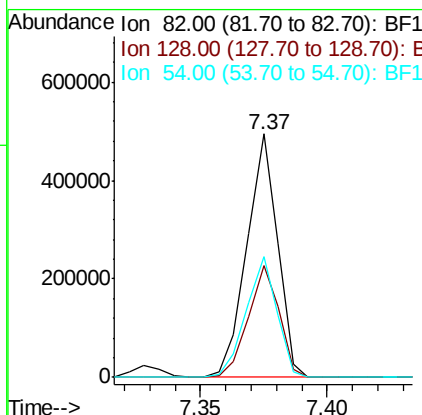
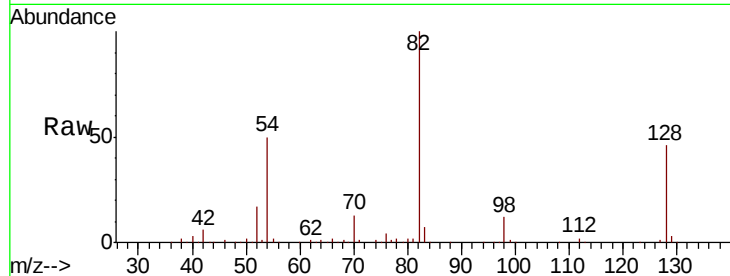




#23
 Nitrobenzene-d5
 Concen: 43.791 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

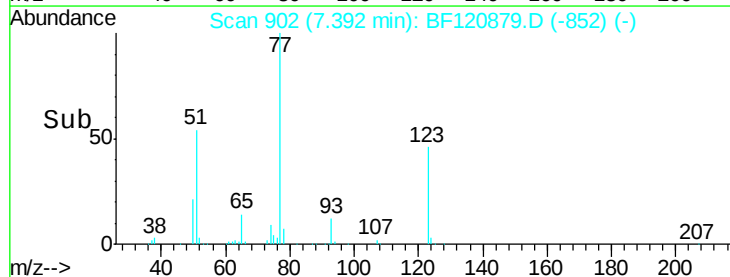
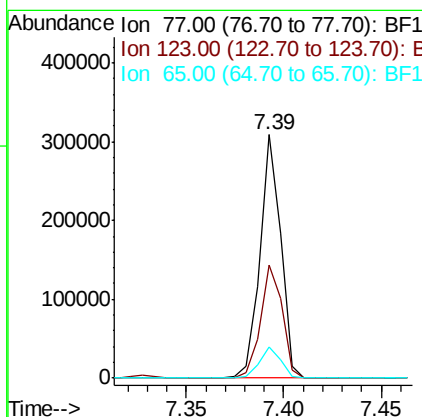
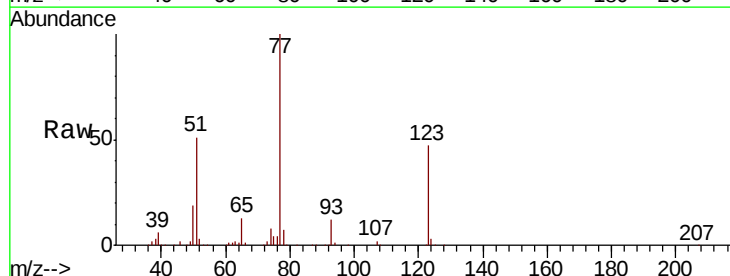
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

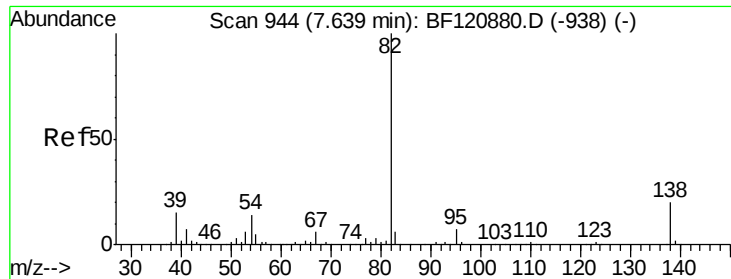
Tot Ion	82	Resp	417529
Ion Ratio	Lower	Upper	
82	100		
128	46.0	38.2	57.4
54	49.7	38.7	58.1



#24
 Nitrobenzene
 Concen: 21.175 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	77	Resp	226691
Ion Ratio	Lower	Upper	
77	100		
123	46.5	40.1	60.1
65	13.0	10.8	16.2





#25

Isophorone

Concen: 20.248 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

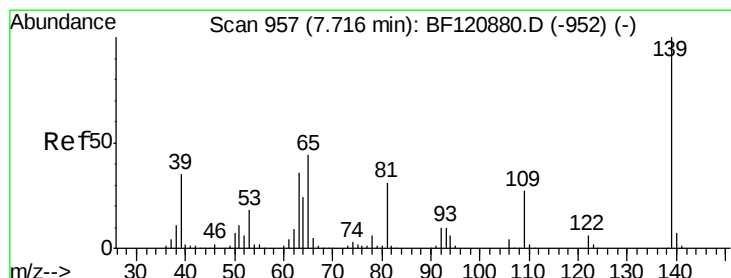
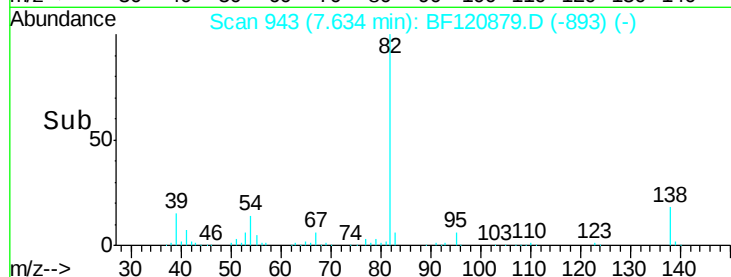
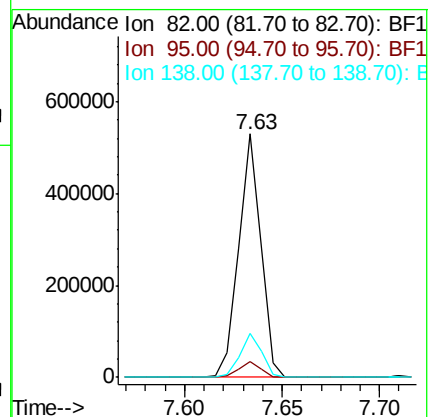
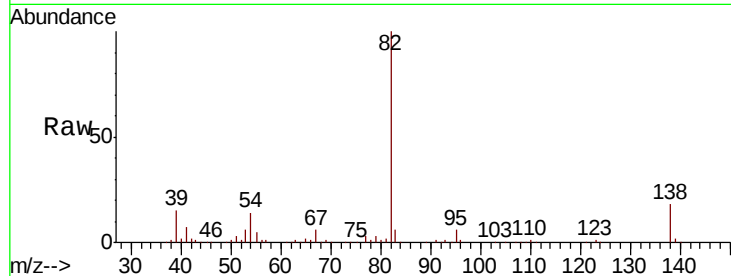
Tot Ion: 82 Resp: 416348

Ion Ratio Lower Upper

82 100

95 6.4 5.5 8.3

138 18.0 15.6 23.4



#26

2-Nitrophenol

Concen: 26.248 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

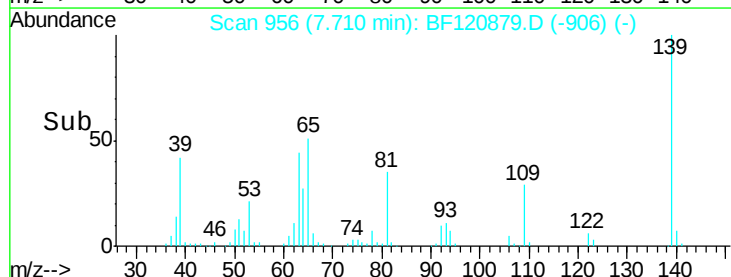
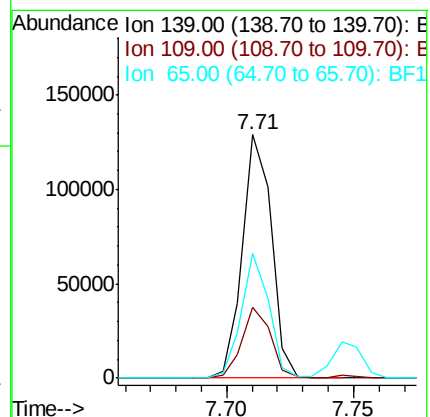
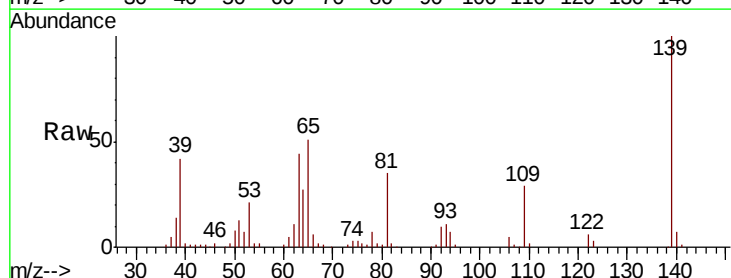
Tgt Ion: 139 Resp: 102719

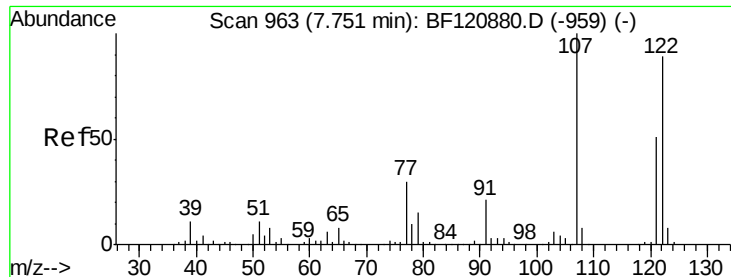
Ion Ratio Lower Upper

139 100

109 29.3 21.6 32.4

65 51.4 35.3 52.9

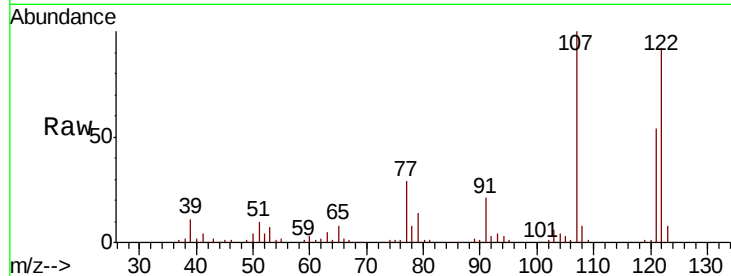




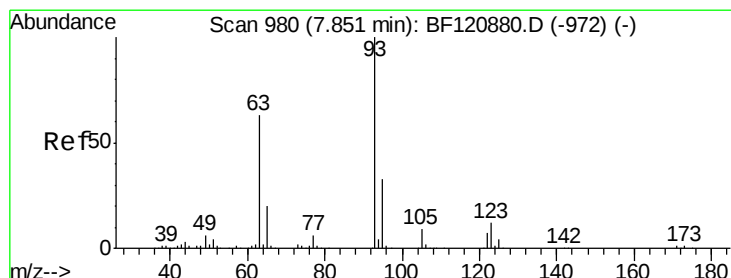
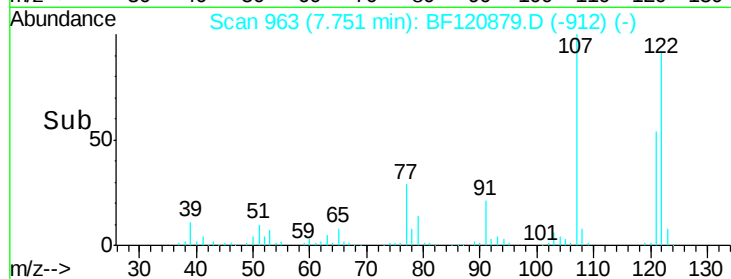
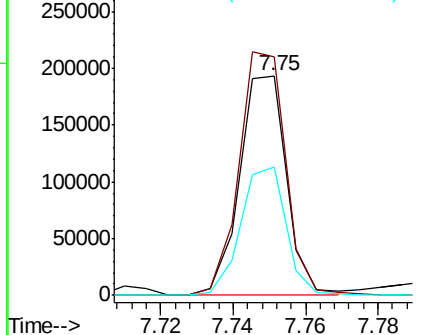
#27
 2,4-Dimethylphenol
 Concen: 21.158 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:122 Resp: 173671
 Ion Ratio Lower Upper
 122 100
 107 108.8 89.4 134.0
 121 58.6 46.0 69.0

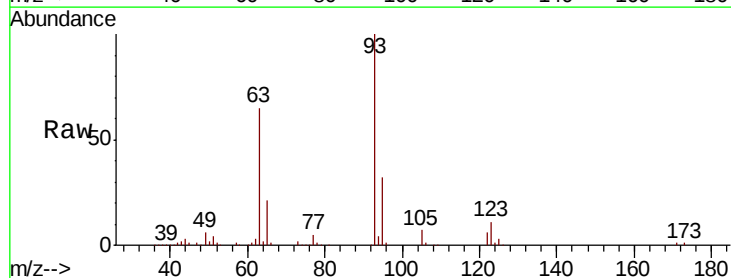


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

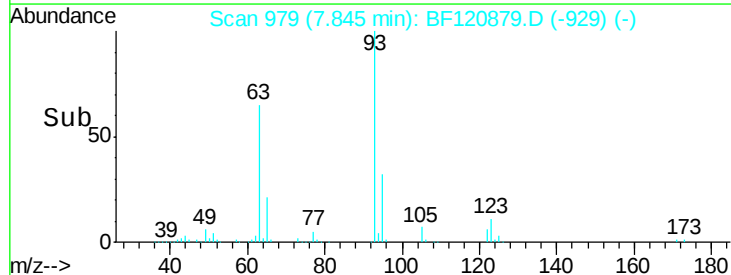
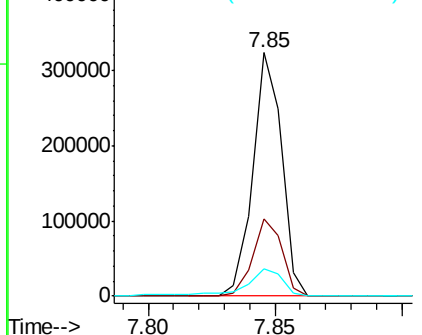


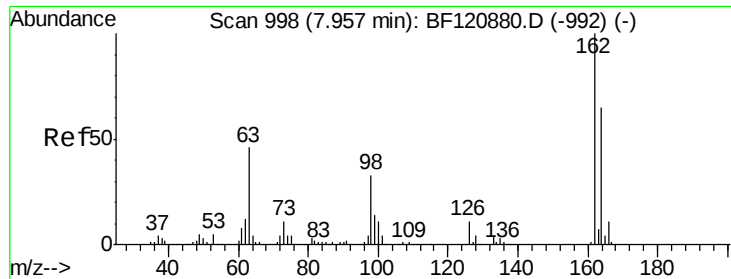
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.077 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion: 93 Resp: 256503
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.6 39.8
 123 11.3 10.0 15.0



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

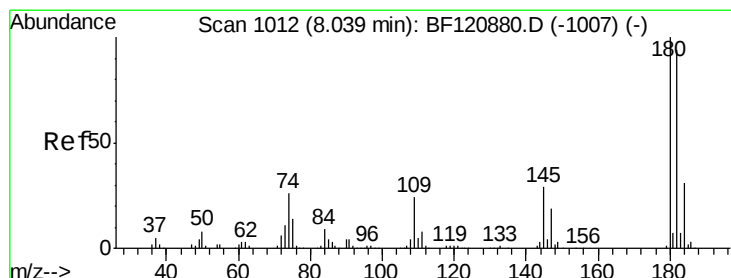
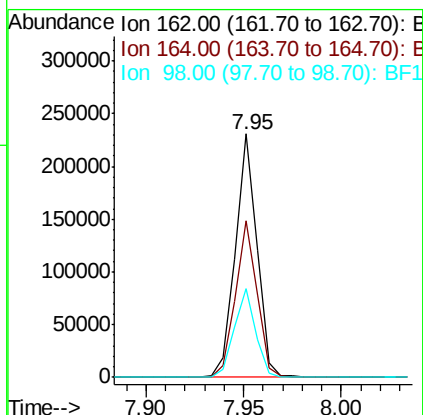
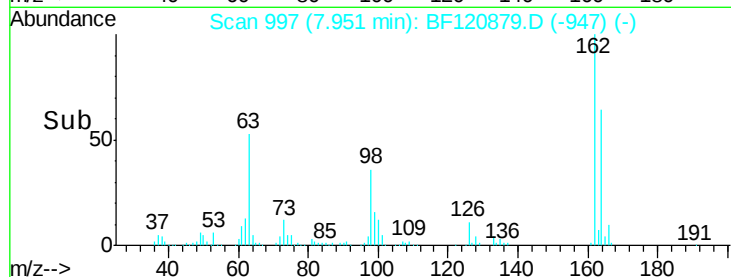
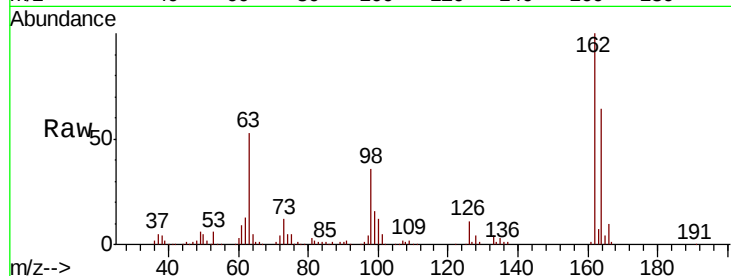




#29
2,4-Dichlorophenol
Concen: 21.551 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

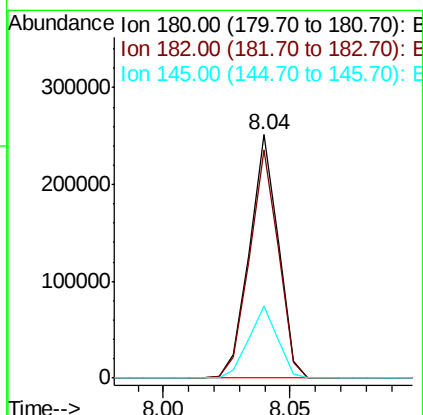
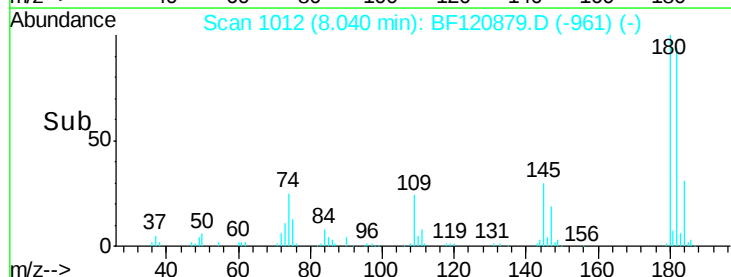
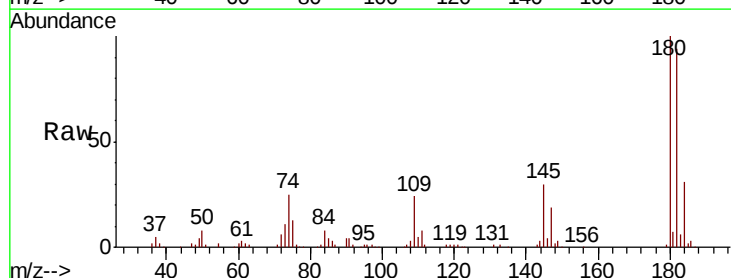
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

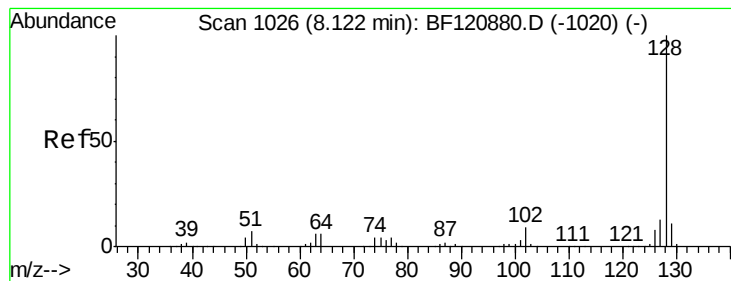
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.3	85.3
98	36.3	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 21.673 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	29.8	23.5	35.3





#31

Naphthalene

Concen: 21.519 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

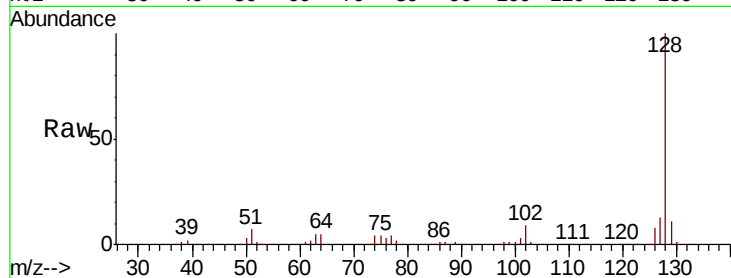
Tot Ion:128 Resp: 635308

Ion Ratio Lower Upper

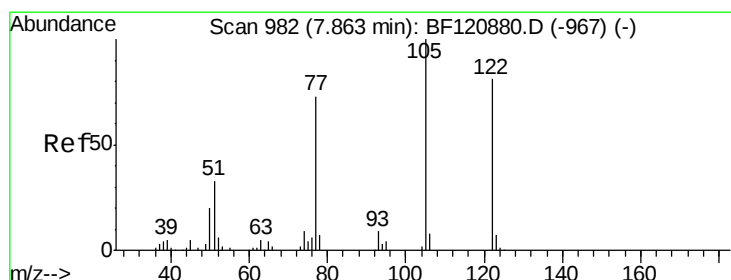
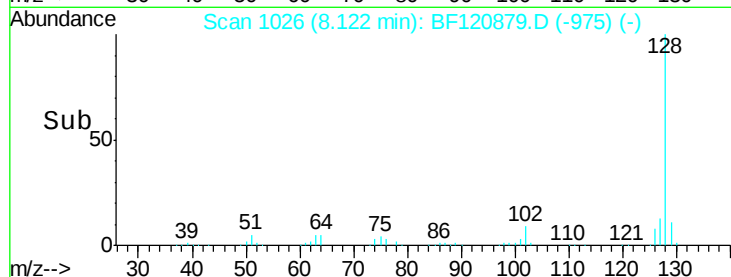
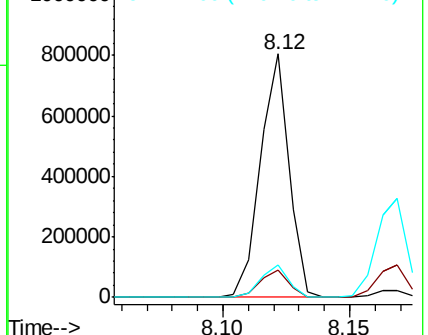
128 100

129 11.2 9.1 13.7

127 13.4 10.7 16.1



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



#32

Benzoic acid

Concen: 29.351 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

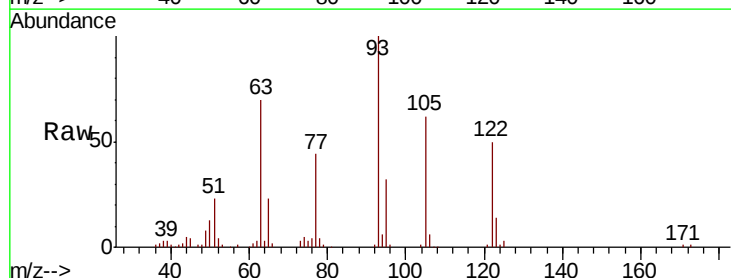
Tgt Ion:122 Resp: 130383

Ion Ratio Lower Upper

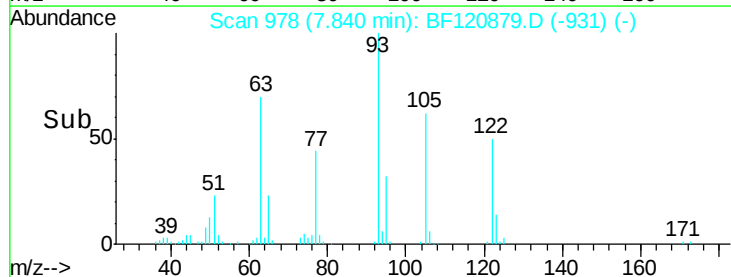
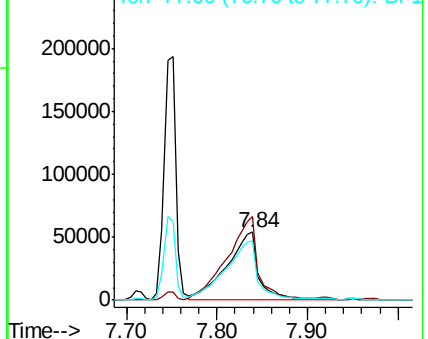
122 100

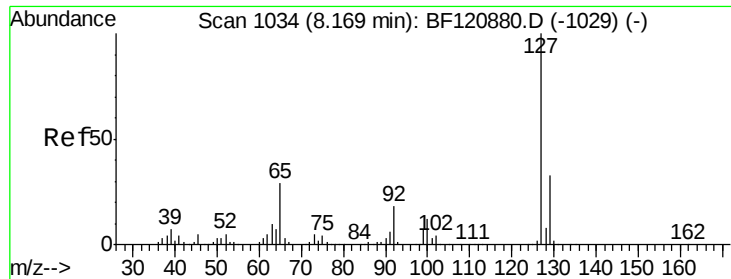
105 123.8 101.3 141.3

77 87.1 69.1 109.1



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

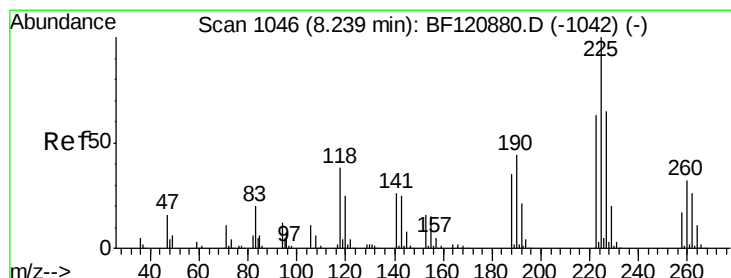
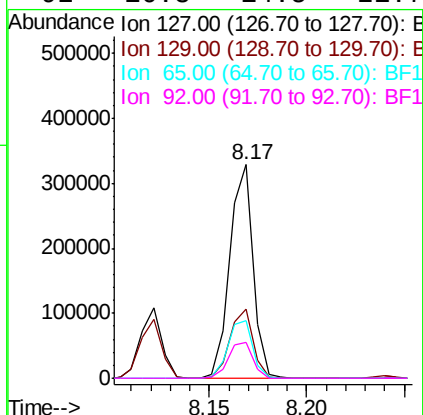
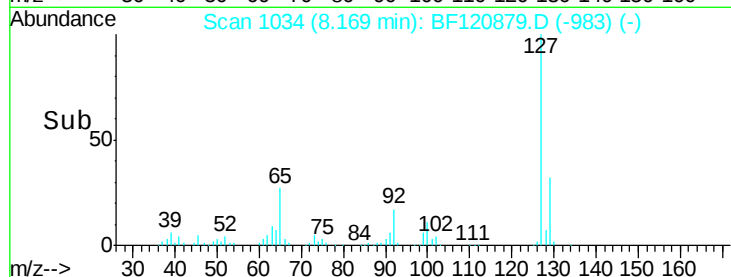
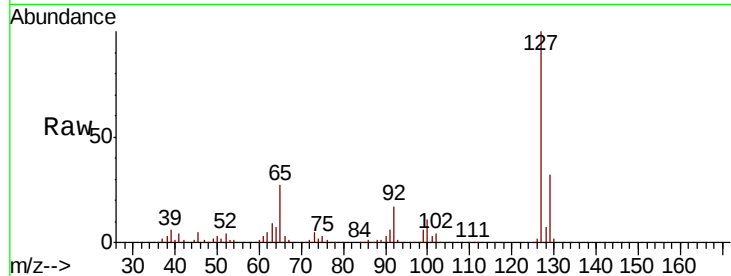




#33
4-Chloroaniline
Concen: 21.778 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

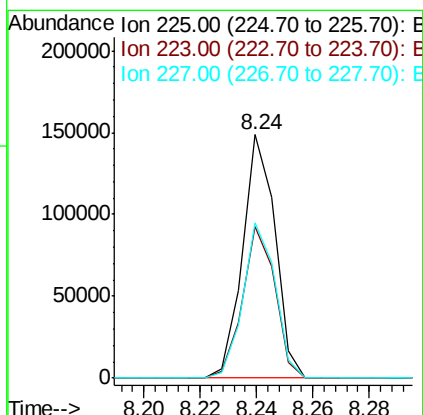
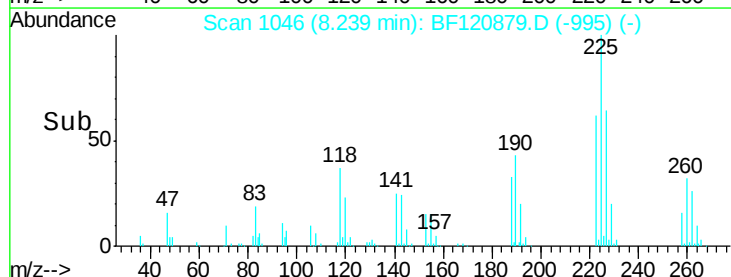
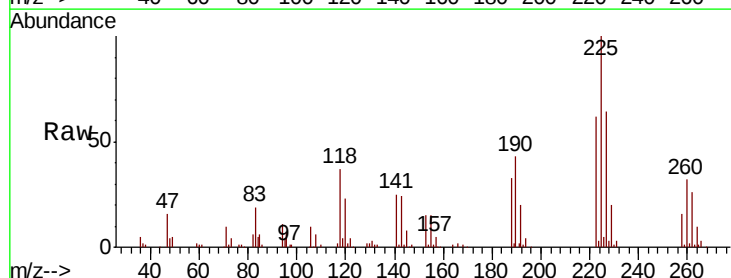
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

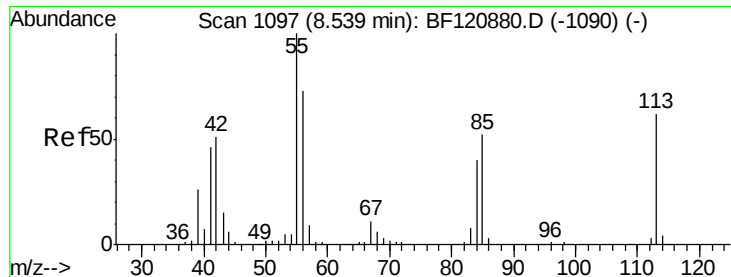
Tot Ion:127	Resp:	272832
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.5 39.7
65	27.0	23.0 34.4
92	16.8	14.5 21.7



#34
Hexachlorobutadiene
Concen: 21.375 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:225	Resp:	118321
Ion	Ratio	Lower Upper
225	100	
223	62.2	50.6 76.0
227	63.8	52.2 78.2

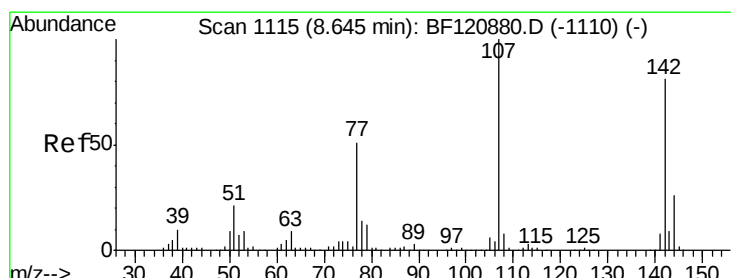
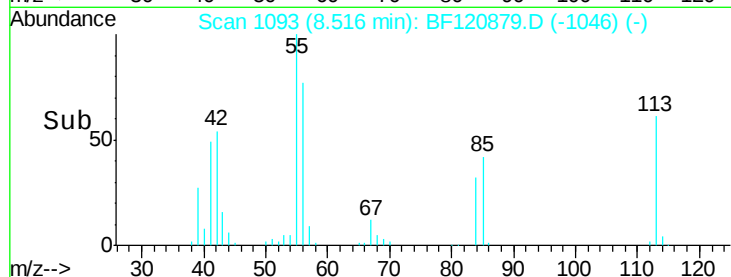
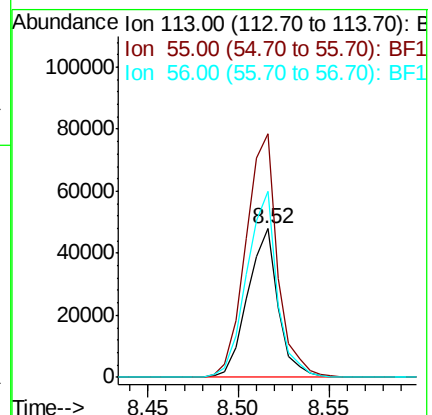
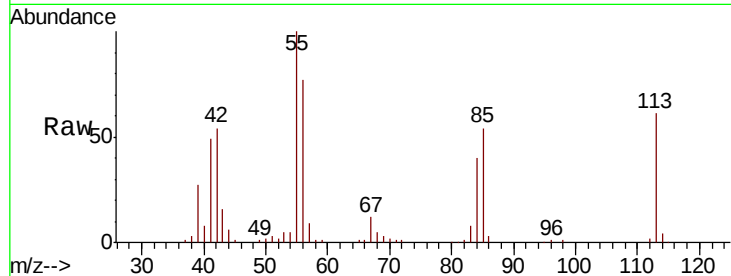




#35
Caprolactam
Concen: 23.454 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

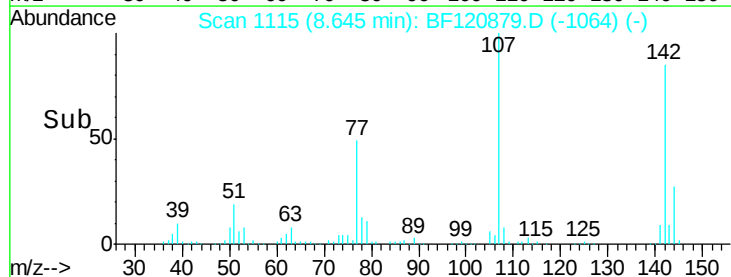
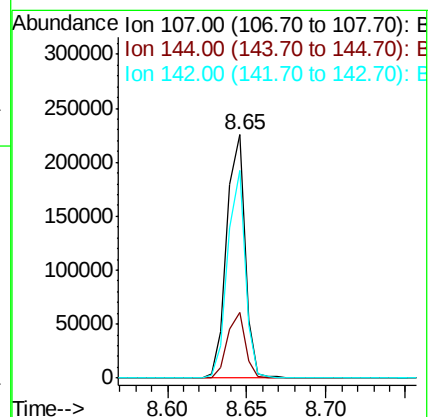
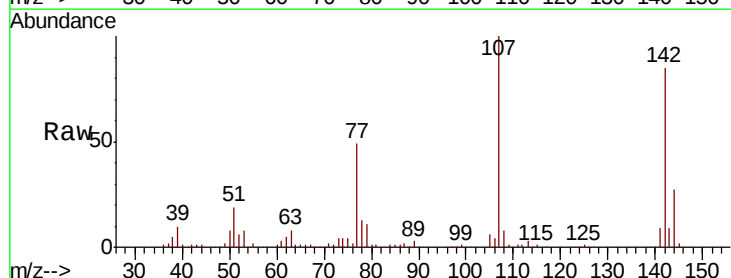
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

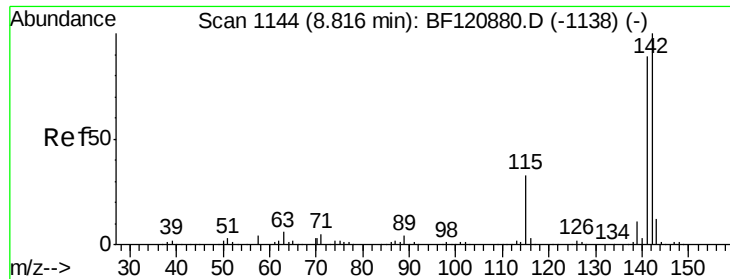
Tot Ion:113 Resp: 56000
Ion Ratio Lower Upper
113 100
55 163.8 143.3 183.3
56 125.4 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 21.362 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:107 Resp: 182085
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 85.2 65.0 97.6

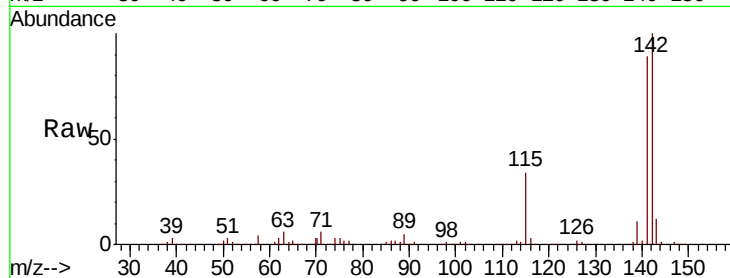




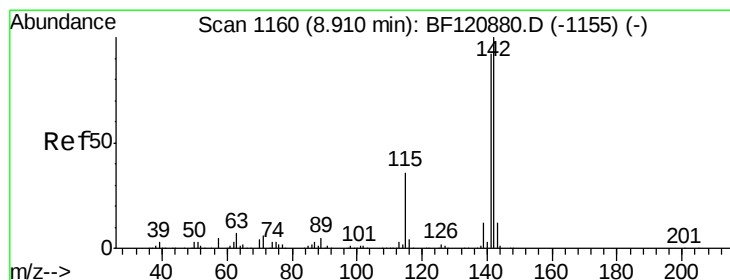
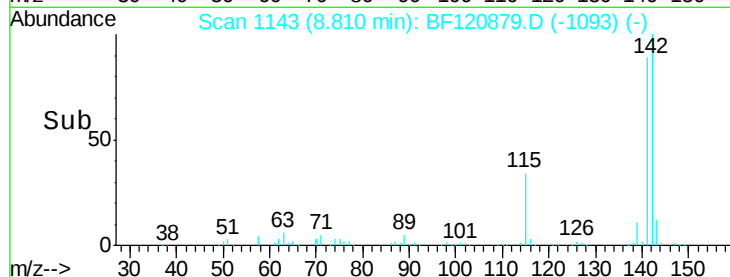
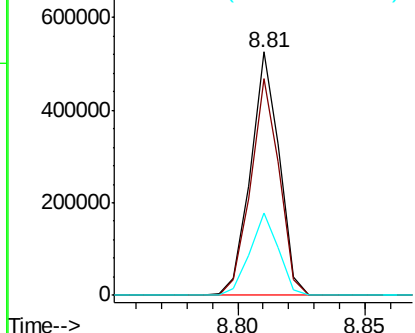
#37
2-Methylnaphthalene
Concen: 21.492 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:142 Resp: 412468
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4
115 33.6 26.0 39.0

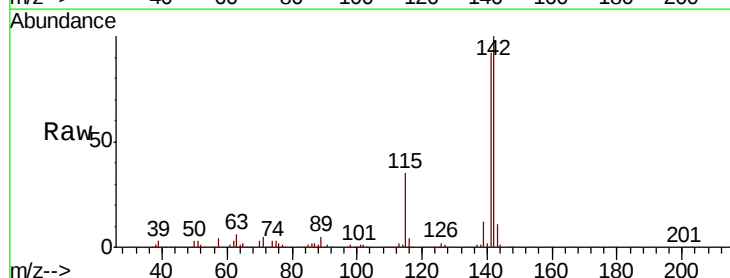


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

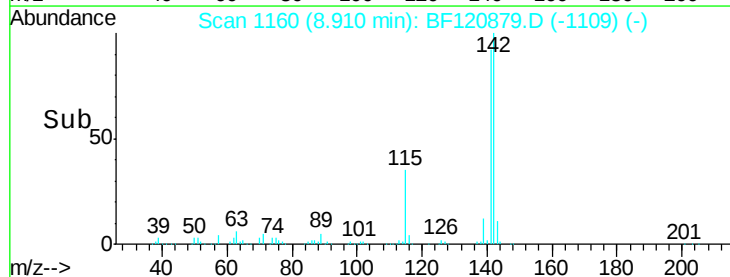
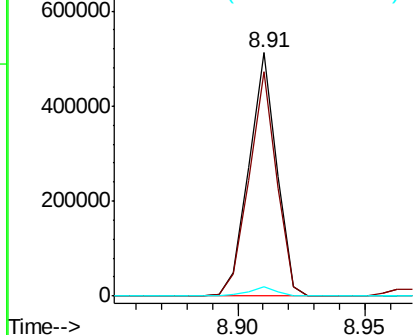


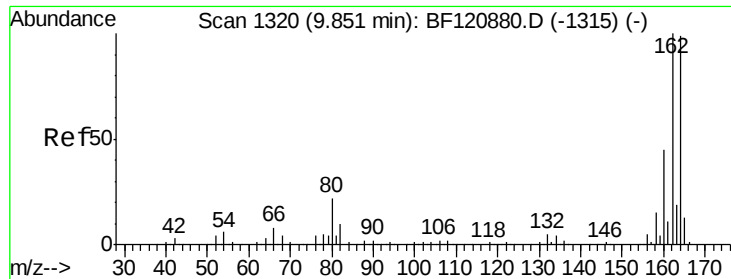
#38
1-Methylnaphthalene
Concen: 21.773 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:142 Resp: 391408
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5
116 3.7 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

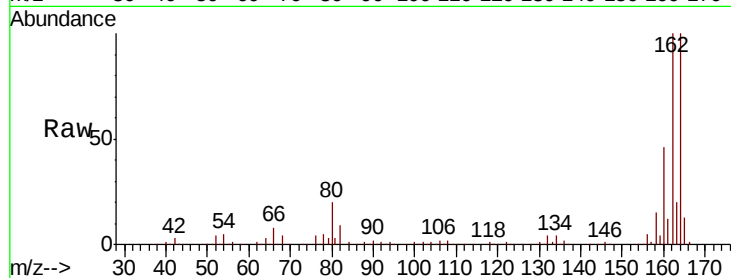
Tot Ion:164 Resp: 291818

Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

160 46.0 36.9 55.3

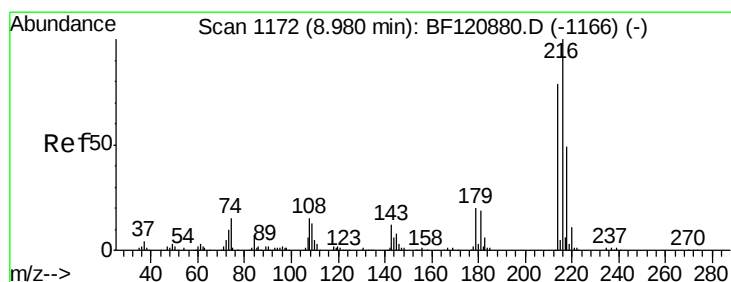
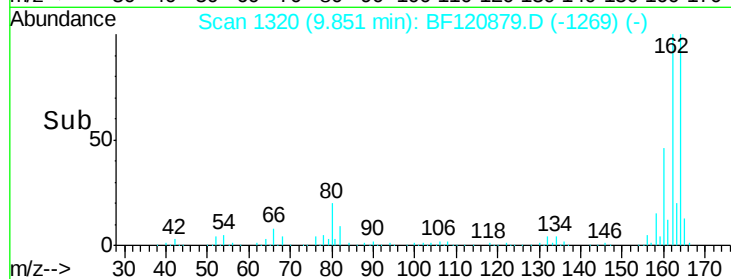
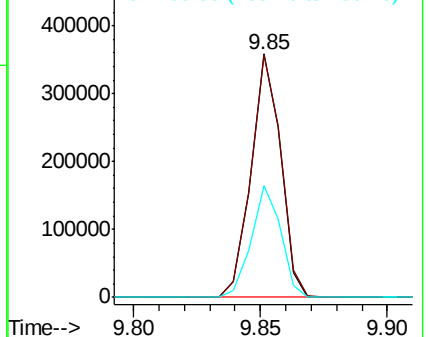


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.247 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Tgt Ion:216 Resp: 187387

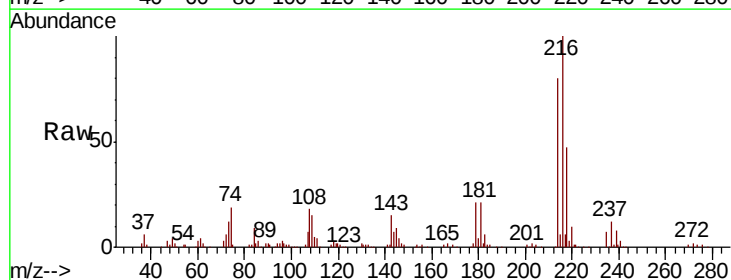
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 20.7 16.6 24.8

108 19.3 15.4 23.0



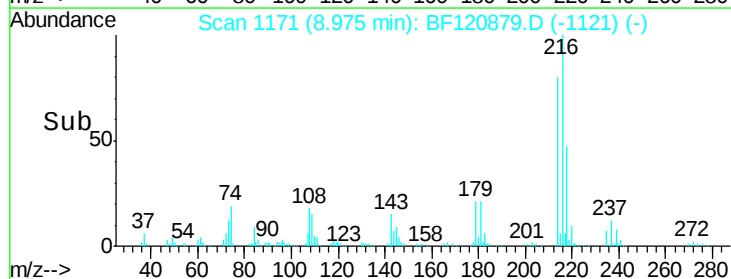
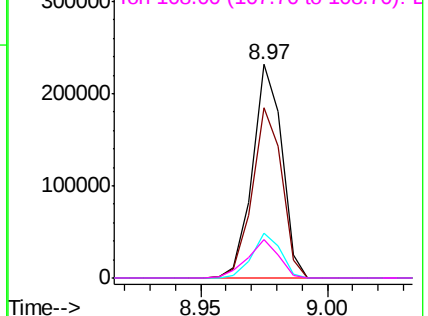
Abundance

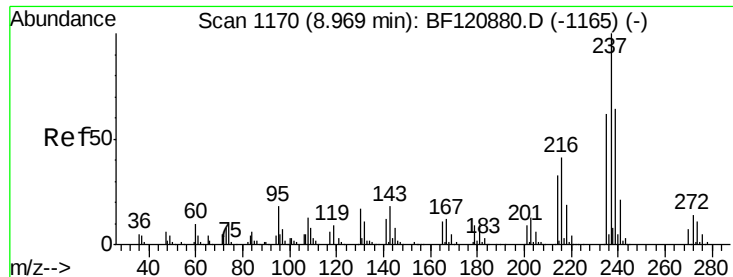
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 19.497 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

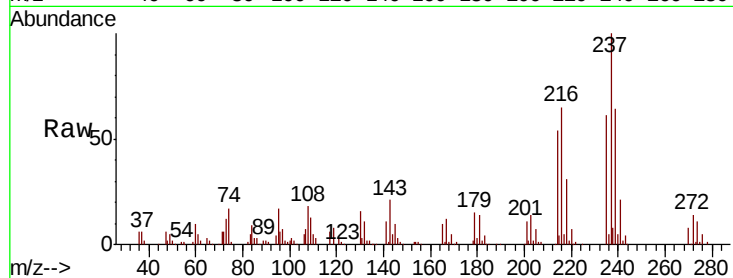
Tot Ion:237 Resp: 101597

Ion Ratio Lower Upper

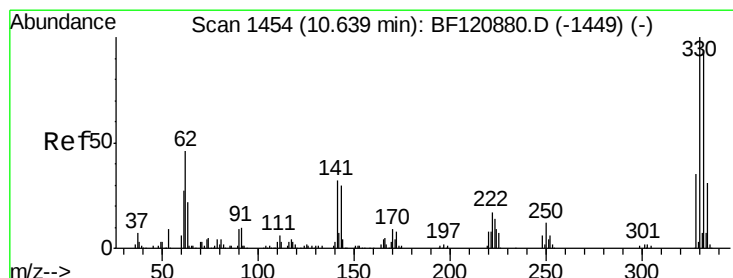
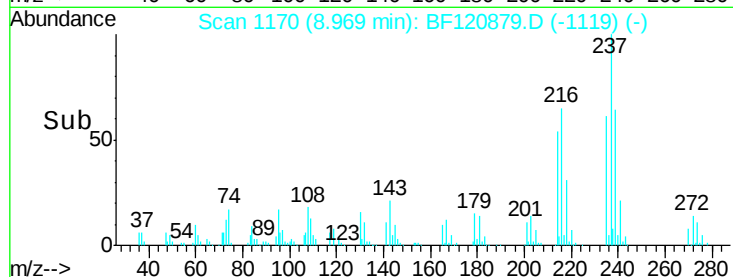
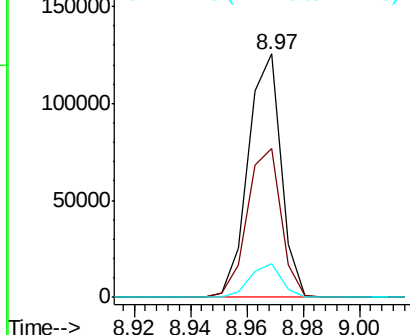
237 100

235 61.2 41.6 81.6

272 13.8 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 48.685 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

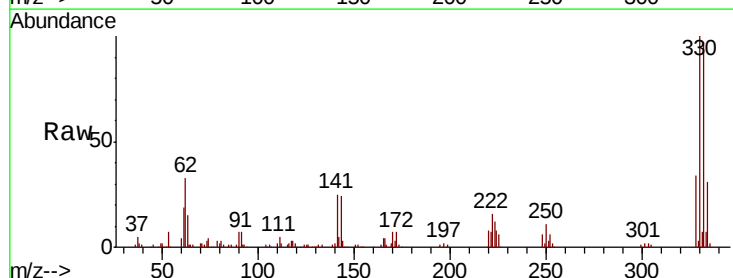
Tgt Ion:330 Resp: 142732

Ion Ratio Lower Upper

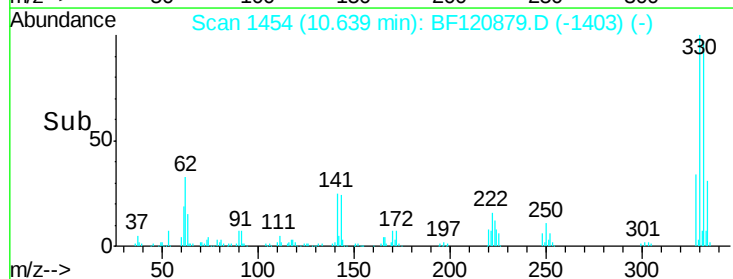
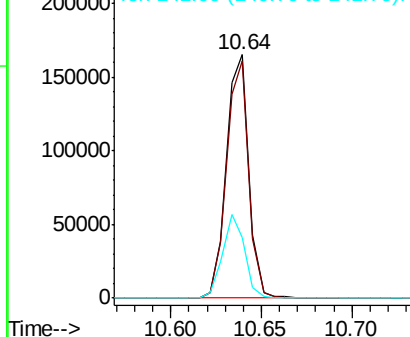
330 100

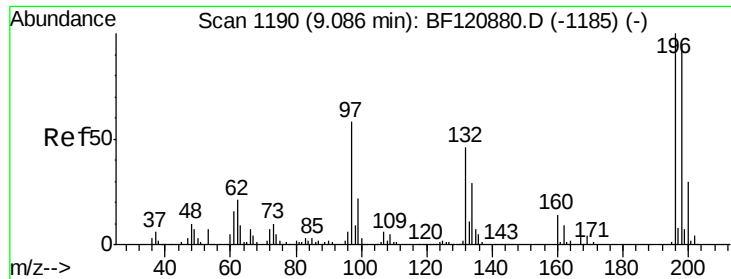
332 96.1 75.5 113.3

141 33.2 25.7 38.5



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

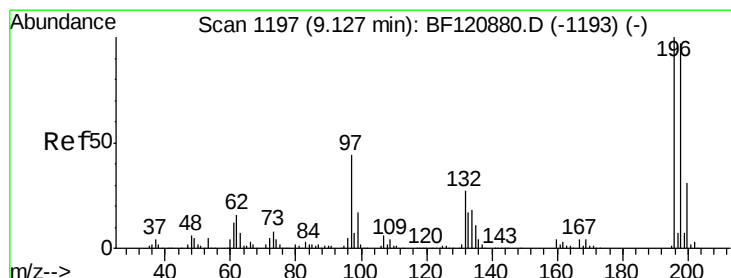
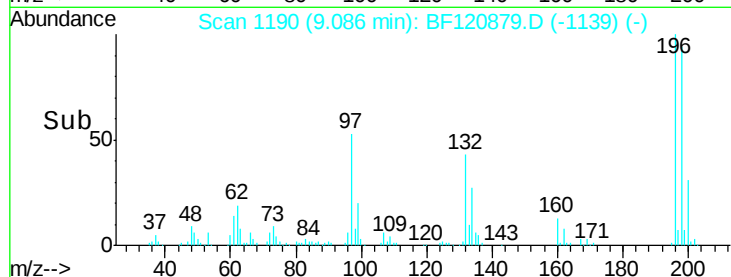
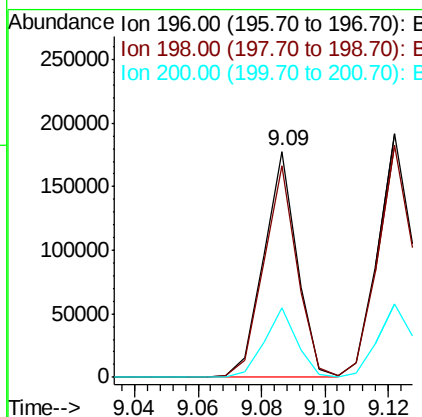
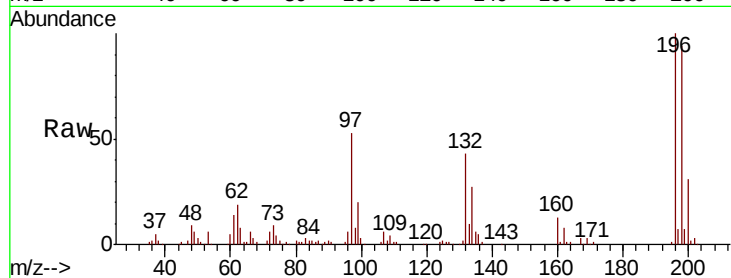




#43
 2,4,6-Trichlorophenol
 Concen: 21.721 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

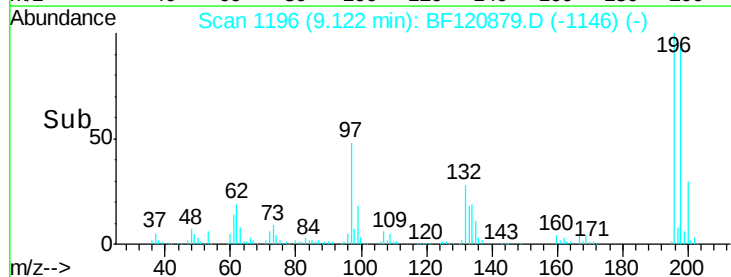
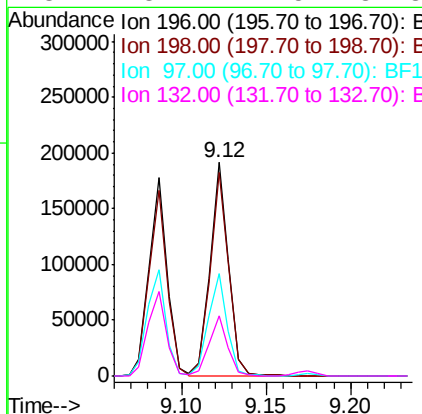
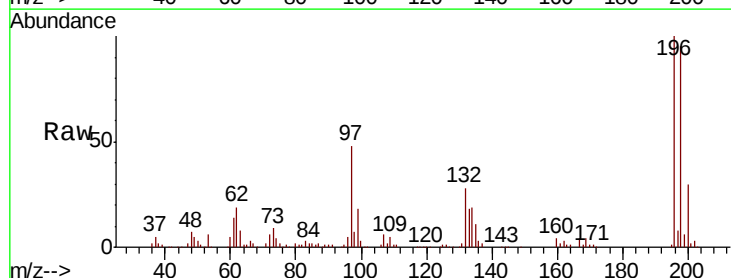
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

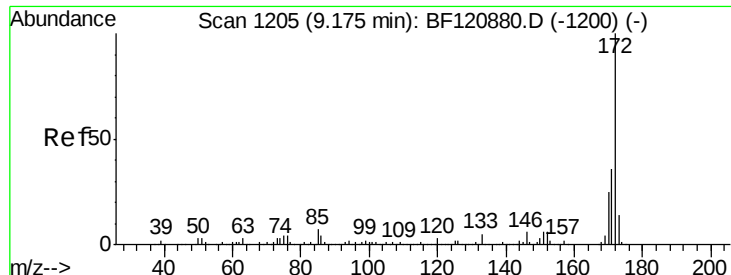
Tot Ion:196 Resp: 130538
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 30.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 22.086 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:196 Resp: 147303
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.6 116.4
 97 48.0 35.6 53.4
 132 28.2 21.5 32.3

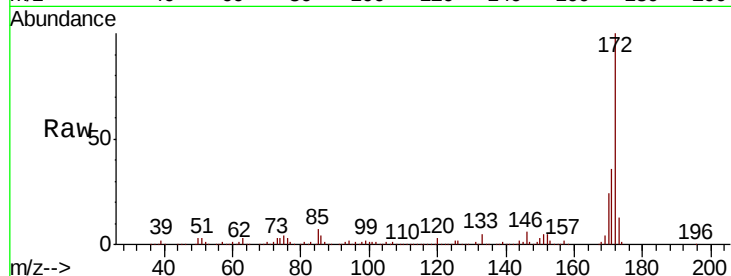




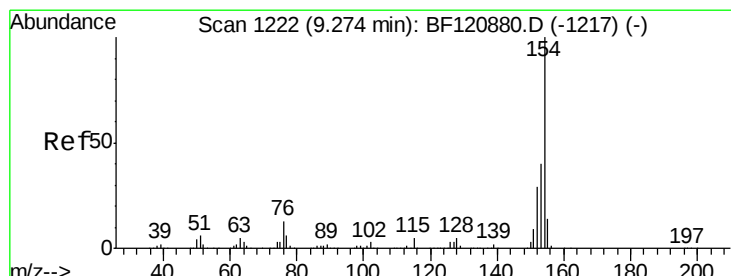
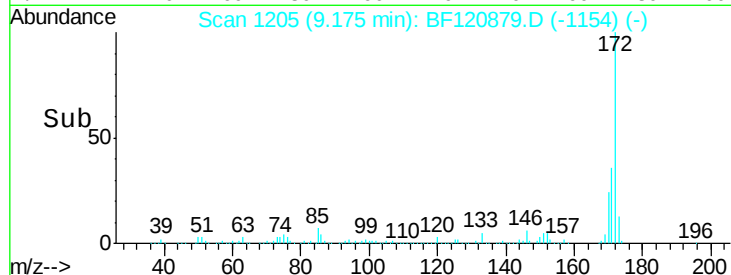
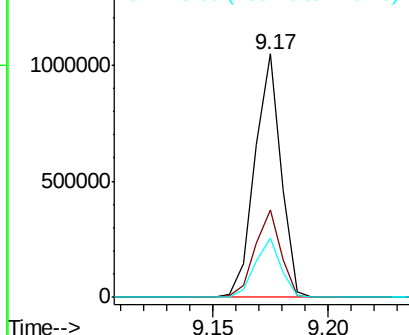
#45
2-Fluorobiphenyl
Concen: 43.021 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.2	19.6	29.4

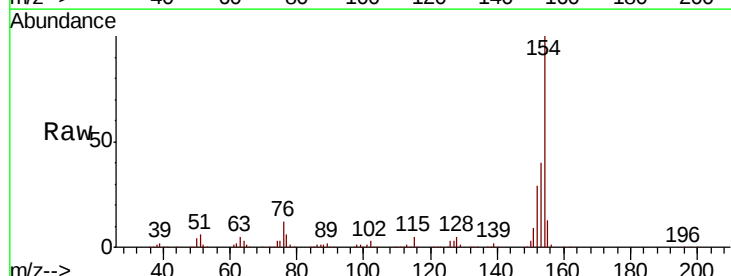


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

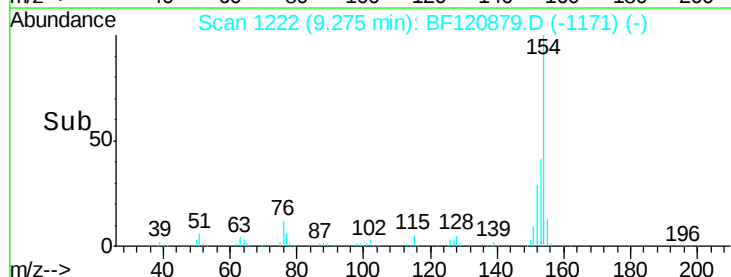
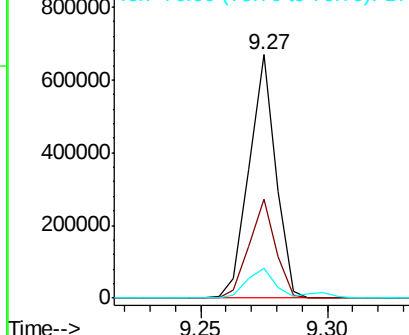


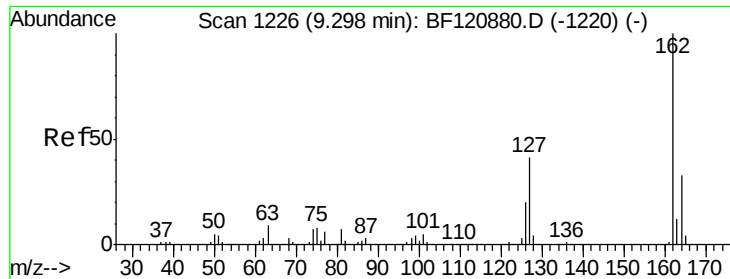
#46
1,1'-Biphenyl
Concen: 20.898 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	12.1	0.0	33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

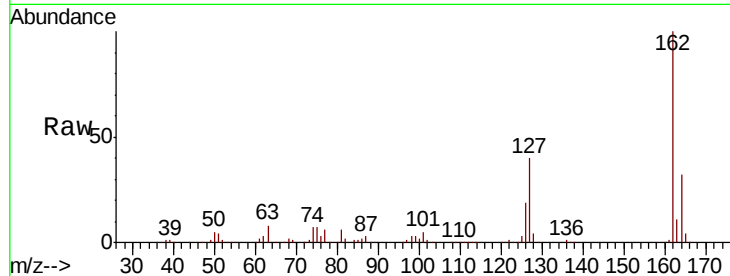




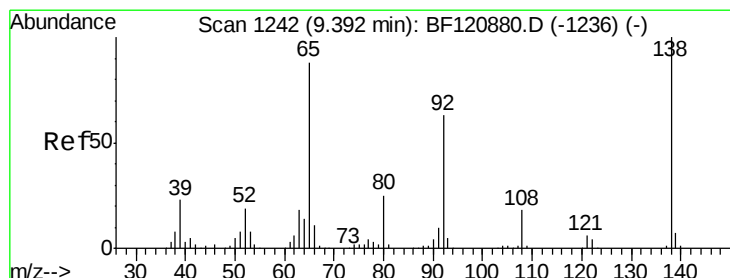
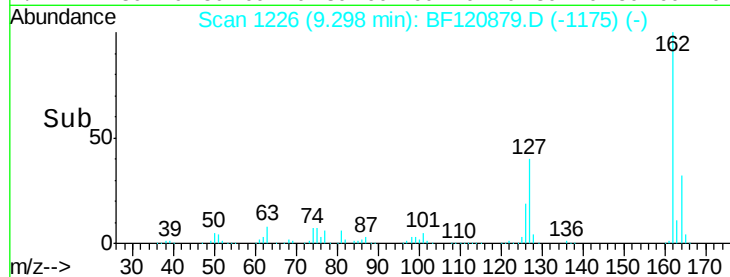
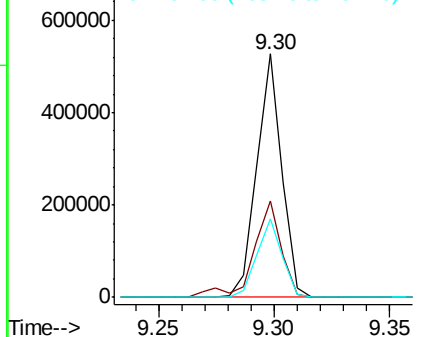
#47
 2-Chloronaphthalene
 Concen: 21.046 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.3	49.9
164	32.3	26.6	39.8

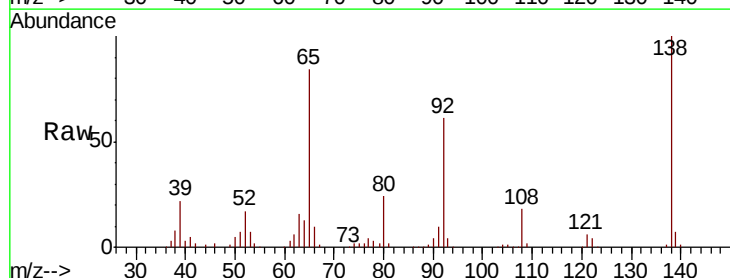


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

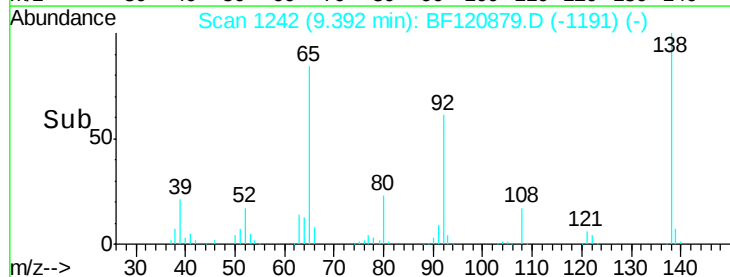
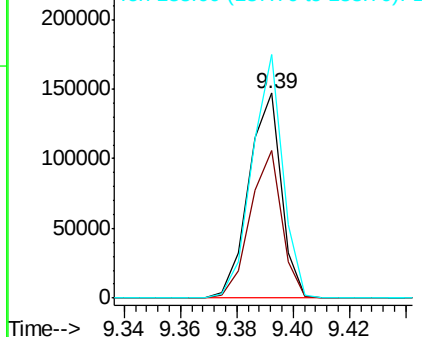


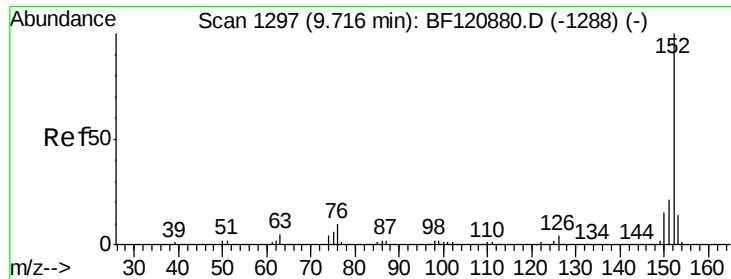
#48
 2-Nitroaniline
 Concen: 23.251 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.0	85.4
138	118.9	90.4	135.6



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





#49

Acenaphthylene

Concen: 21.015 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

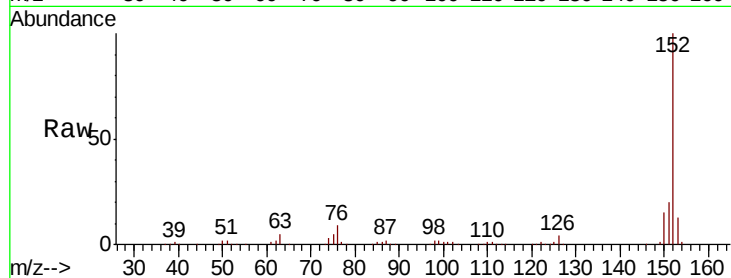
Tot Ion:152 Resp: 621322

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

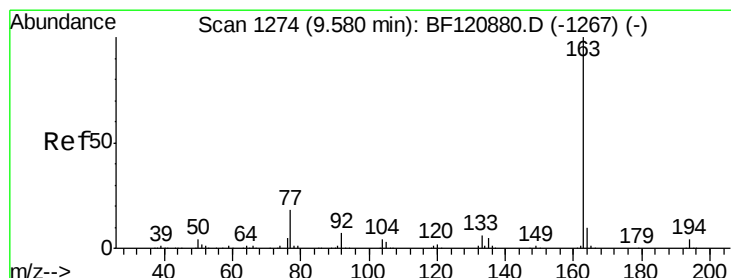
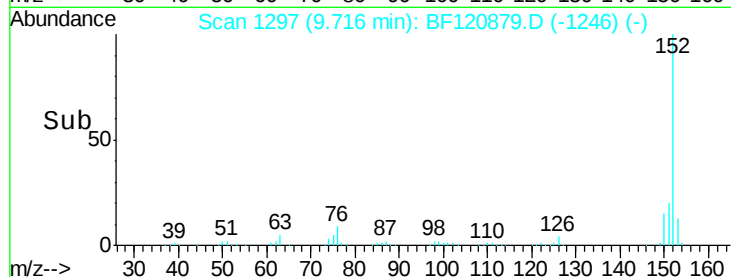
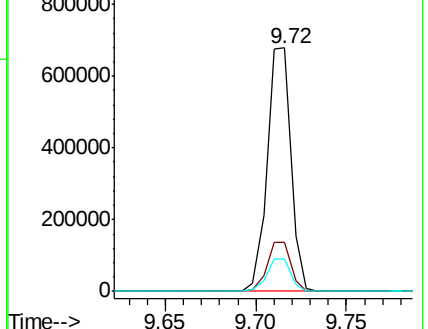
153 13.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 21.305 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

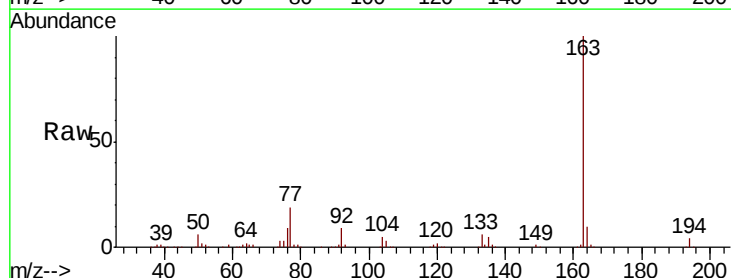
Tgt Ion:163 Resp: 453536

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

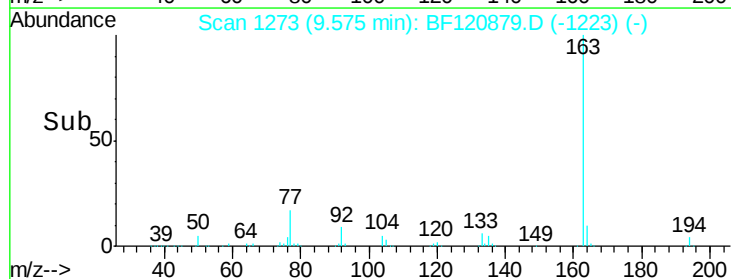
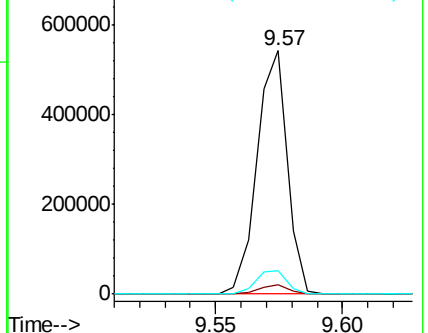
164 9.8 7.9 11.9

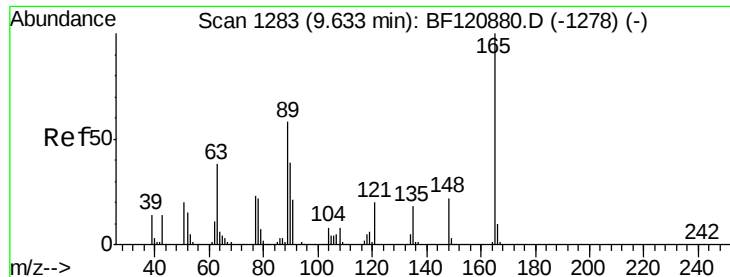


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 24.636 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

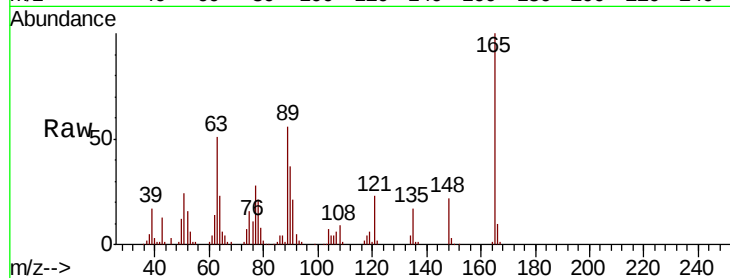
Tot Ion:165 Resp: 94744

Ion Ratio Lower Upper

165 100

63 51.3 45.4 68.2

89 56.1 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

150000

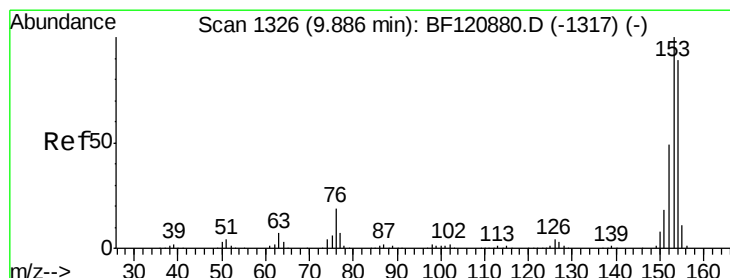
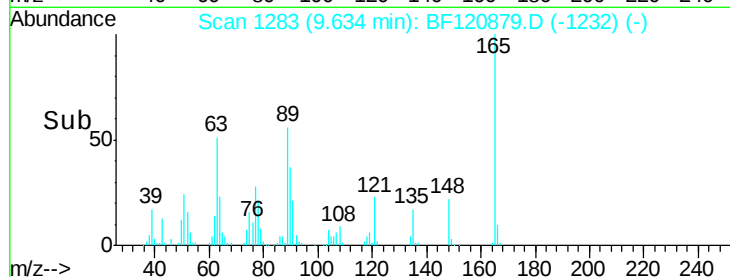
100000

50000

0

9.58 9.60 9.62 9.64 9.66

Time-->



#52

Acenaphthene

Concen: 21.291 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

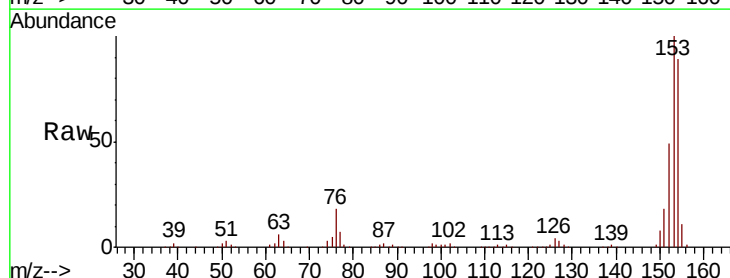
Tgt Ion:154 Resp: 390507

Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

152 54.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

600000

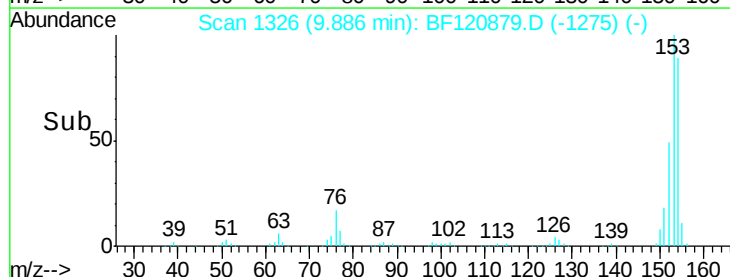
400000

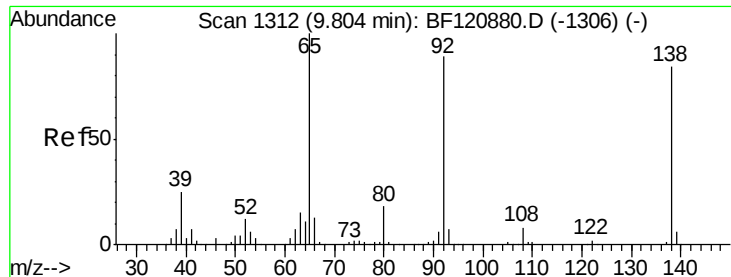
200000

0

9.80 9.85 9.90 9.95

Time-->

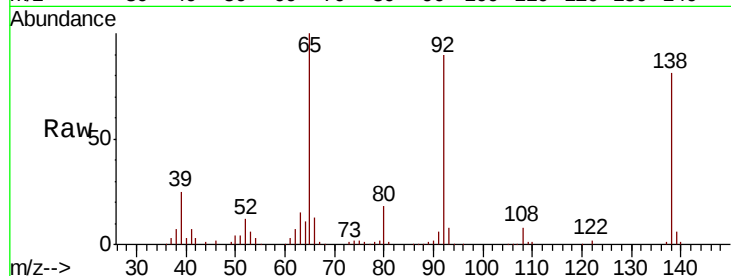




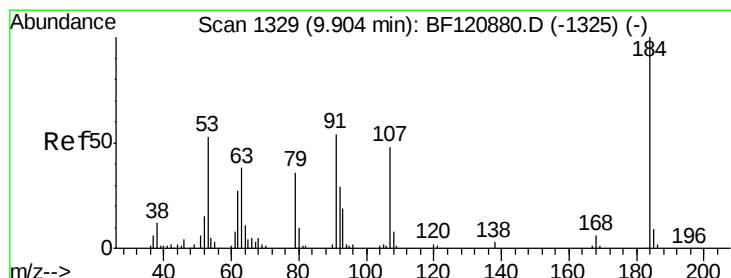
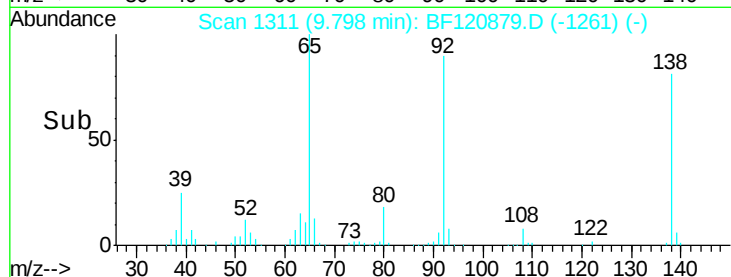
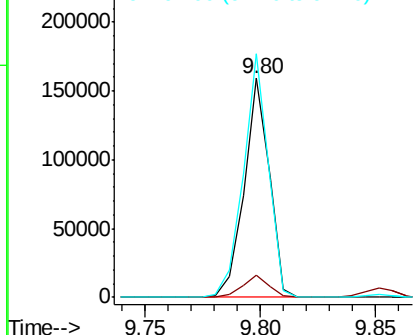
#53
3-Nitroaniline
Concen: 25.491 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:138 Resp: 121111
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 111.1 85.3 127.9

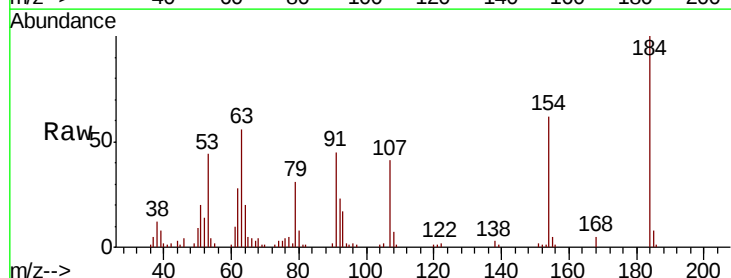


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

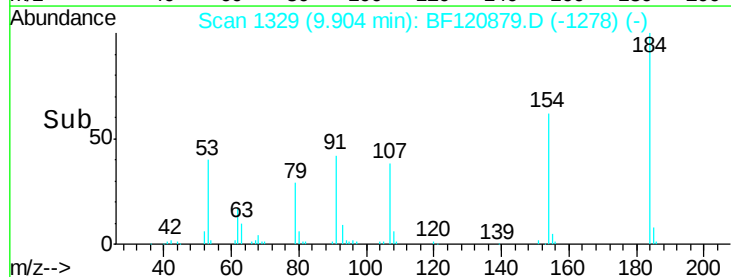
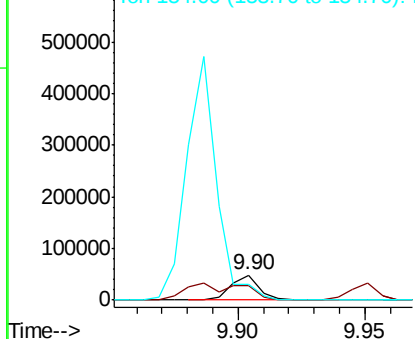


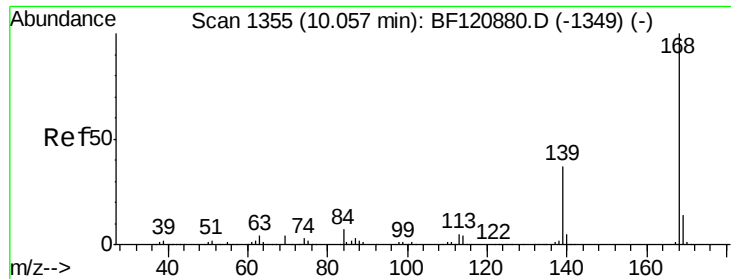
#54
2,4-Dinitrophenol
Concen: 29.947 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:184 Resp: 38036
Ion Ratio Lower Upper
184 100
63 56.4 57.9 86.9#
154 62.2 52.6 78.8



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

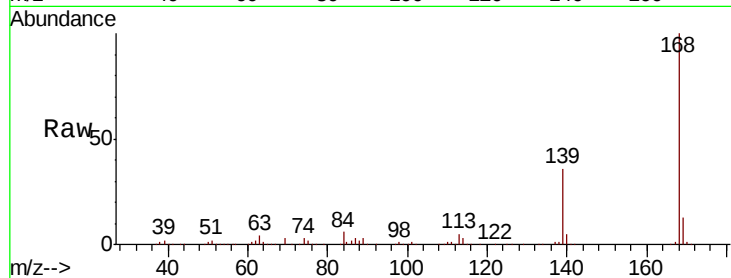




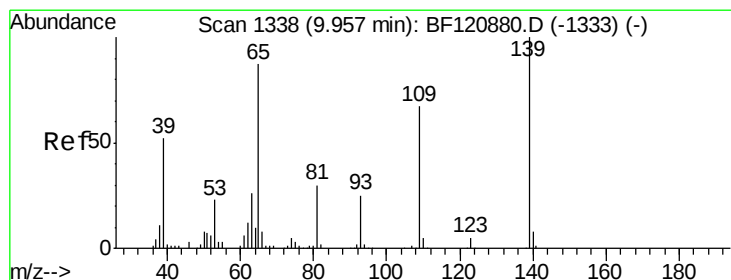
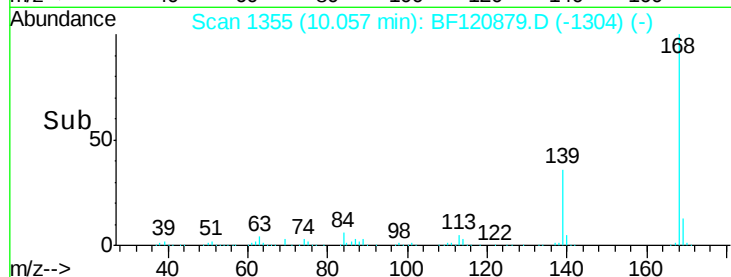
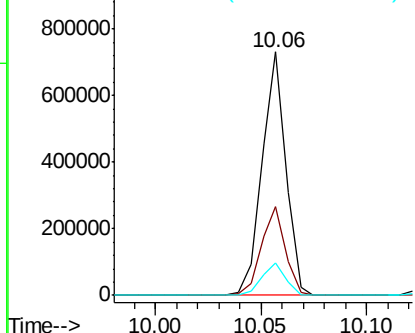
#55
Dibenzenofuran
Concen: 21.640 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:168 Resp: 572125
Ion Ratio Lower Upper
168 100
139 36.3 29.7 44.5
169 13.5 11.1 16.7

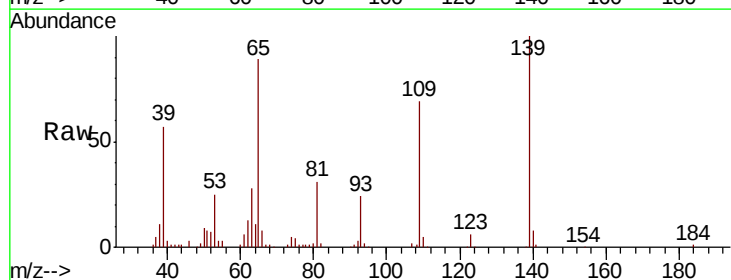


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

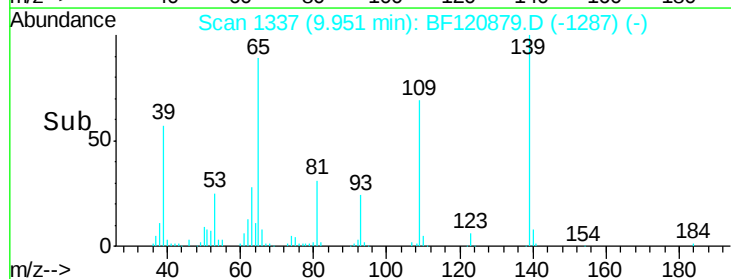
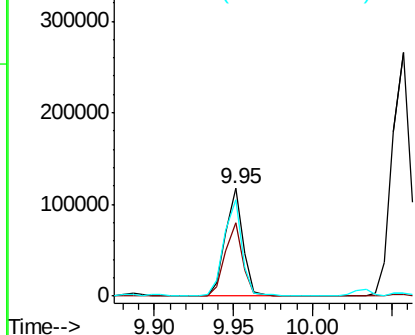


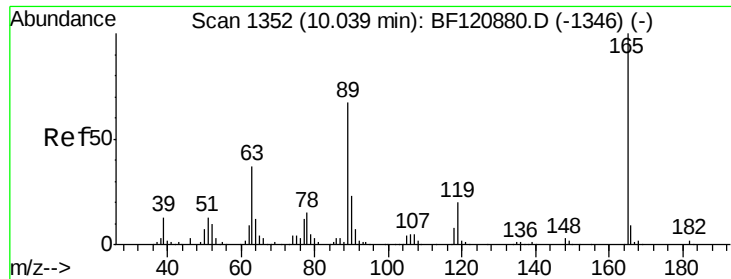
#56
4-Nitrophenol
Concen: 25.951 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:139 Resp: 90564
Ion Ratio Lower Upper
139 100
109 68.6 47.3 87.3
65 89.1 67.2 107.2



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

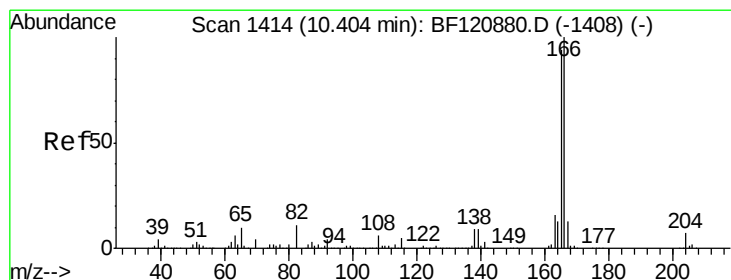
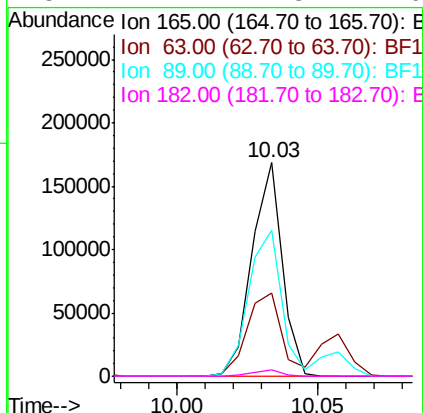
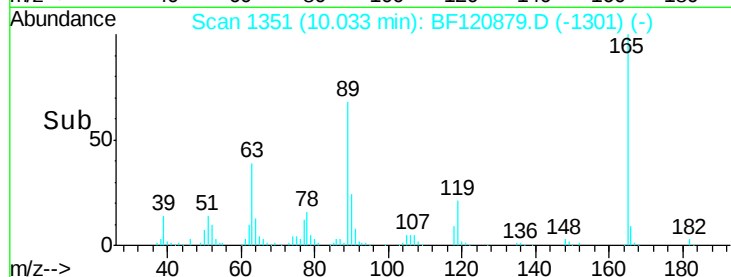
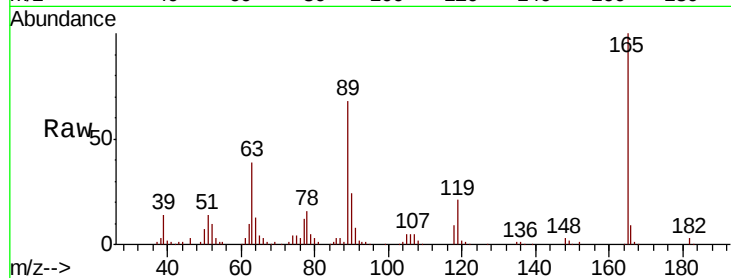




#57
 2,4-Dinitrotoluene
 Concen: 27.227 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

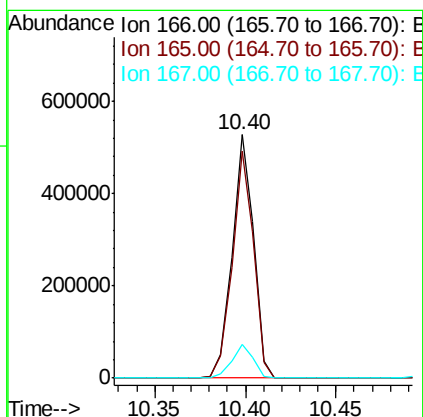
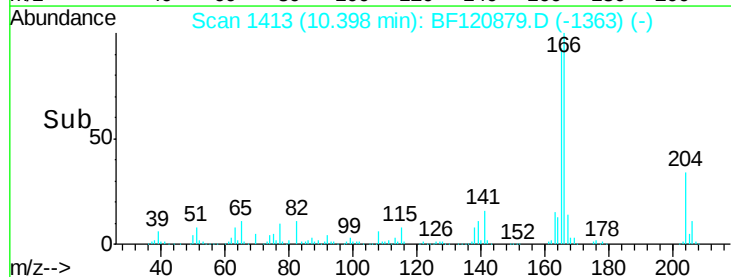
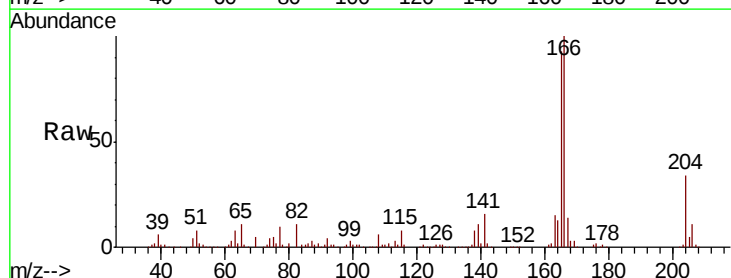
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

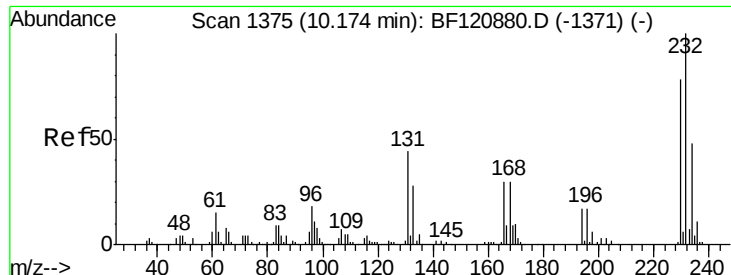
Tot Ion:	165	Resp:	125712
Ion	Ratio	Lower	Upper
165	100		
63	39.0	29.4	44.2
89	68.3	53.4	80.0
182	2.7	1.8	2.6#



#58
 Fluorene
 Concen: 21.906 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:	166	Resp:	431081
Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.4	113.0
167	13.6	10.6	15.8

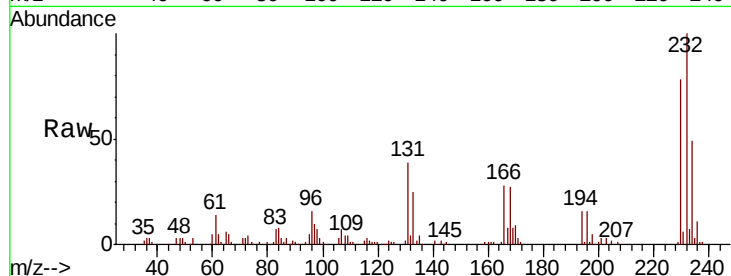




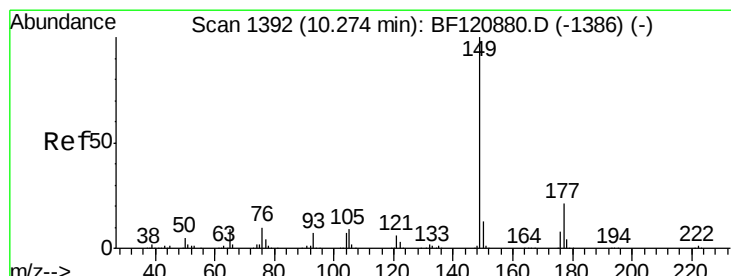
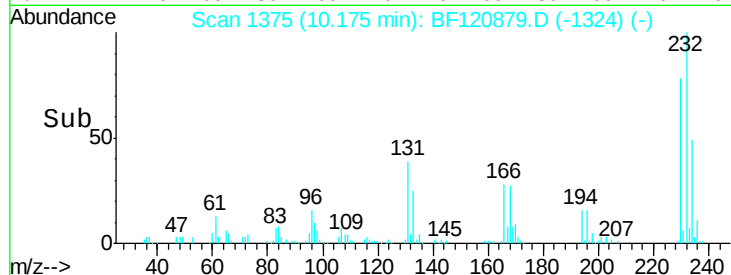
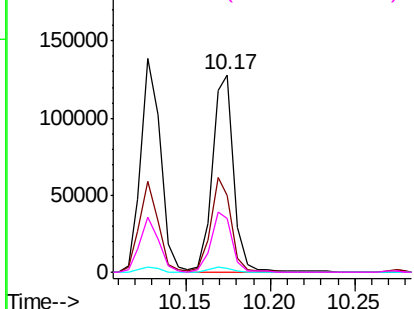
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.829 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:232 Resp: 113302
 Ion Ratio Lower Upper
 232 100
 131 46.4 37.1 55.7
 130 2.4 1.7 2.5
 166 30.3 24.2 36.4

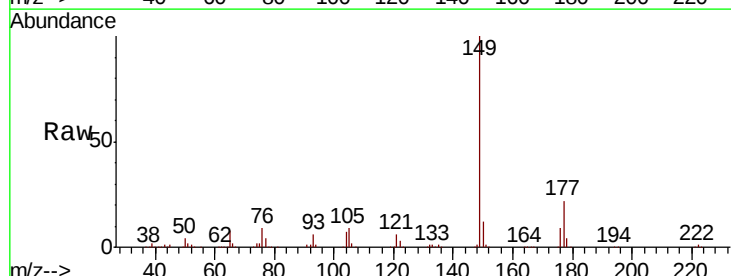


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

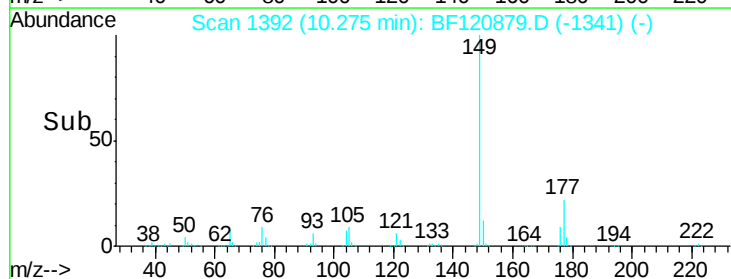
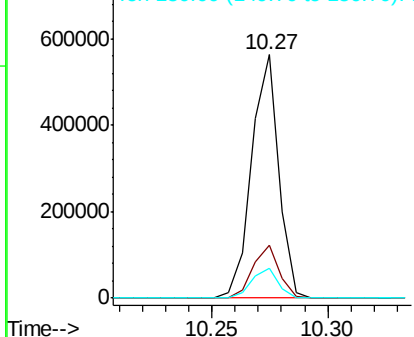


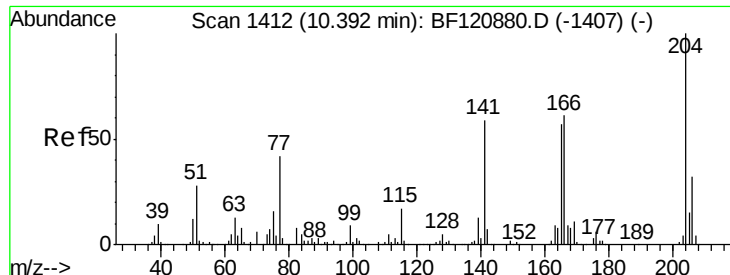
#60
 Diethylphthalate
 Concen: 20.883 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:149 Resp: 463096
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.1 25.7
 150 12.5 10.3 15.5



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

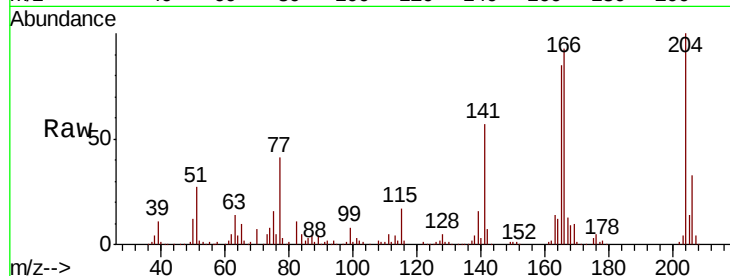




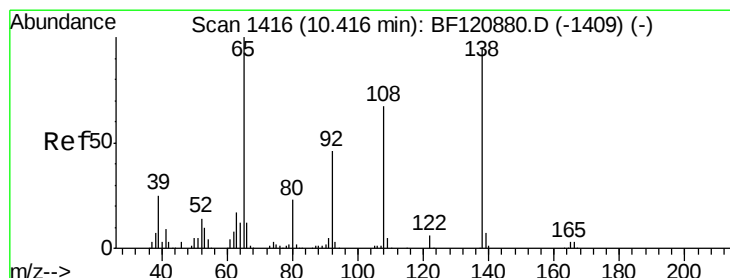
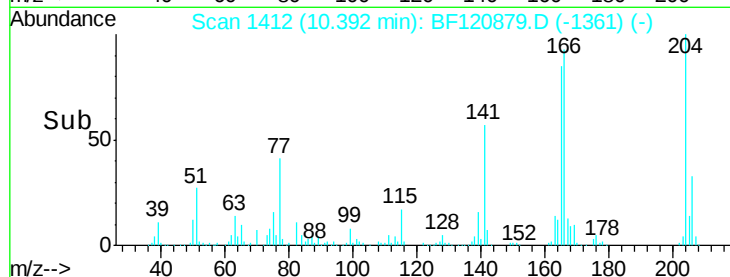
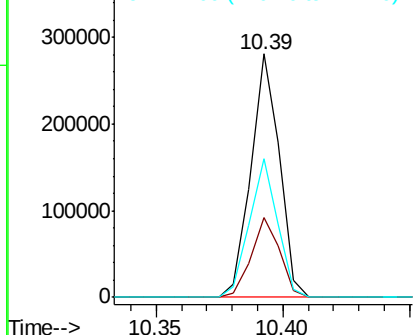
#61
4-Chlorophenyl-phenylether
Concen: 22.193 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:204 Resp: 219545
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 56.9 47.2 70.8

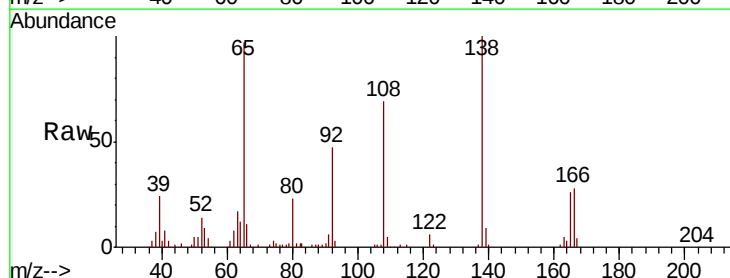


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

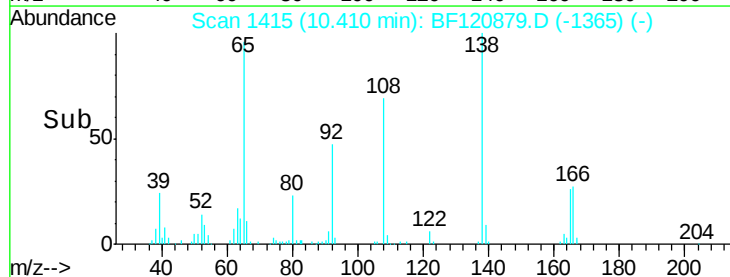
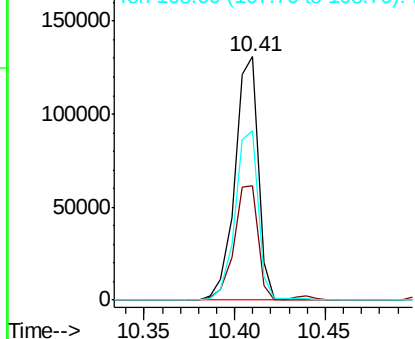


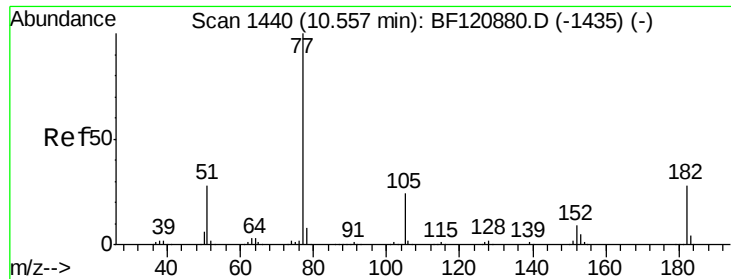
#62
4-Nitroaniline
Concen: 25.971 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:138 Resp: 117465
Ion Ratio Lower Upper
138 100
92 46.8 28.6 68.6
108 69.3 51.1 91.1



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





#63

Azobenzene

Concen: 19.617 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

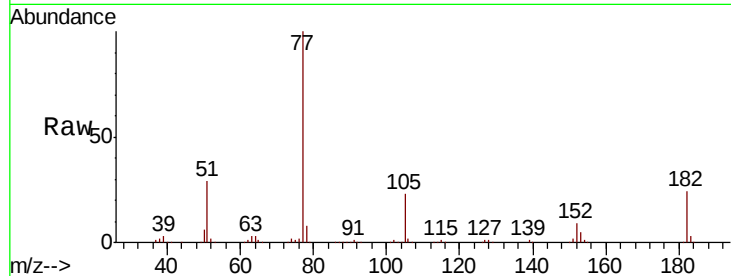
BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 444997

Ion	Ratio	Lower	Upper
77	100		
182	23.8	7.8	47.8
105	22.7	4.4	44.4
51	28.6	8.0	48.0

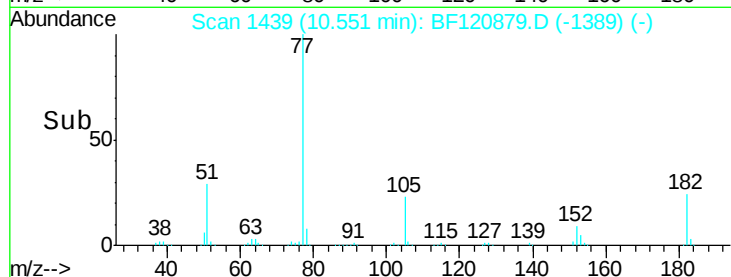


Abundance Ion 77.00 (76.70 to 77.70): BF1

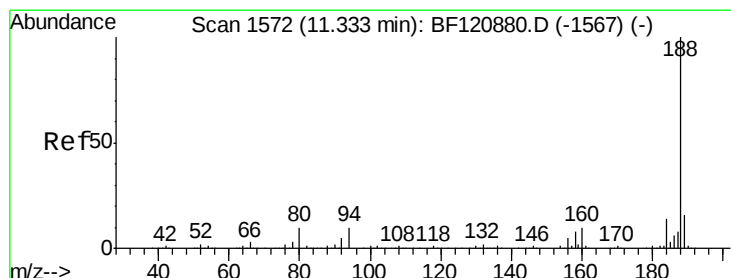
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

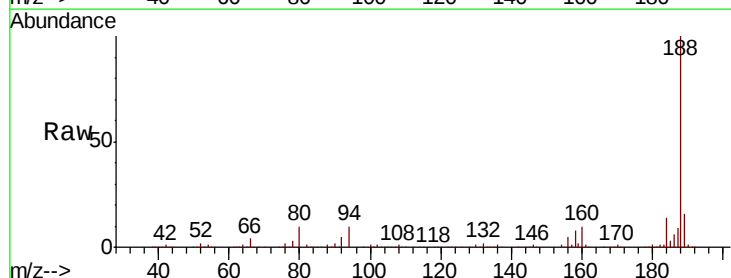
Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Tgt Ion: 188 Resp: 559802

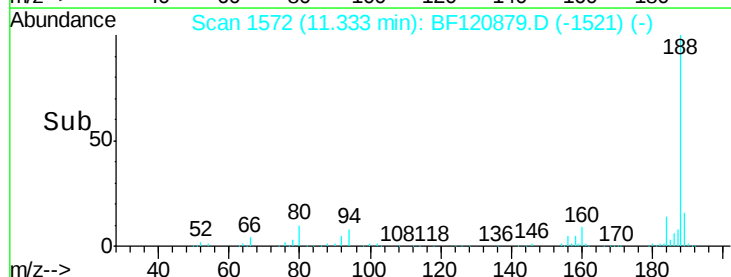
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	9.9	8.3	12.5



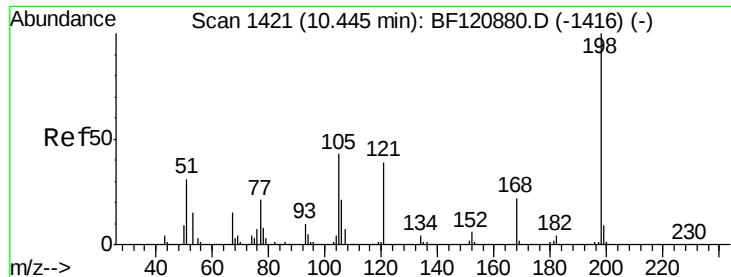
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 31.552 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

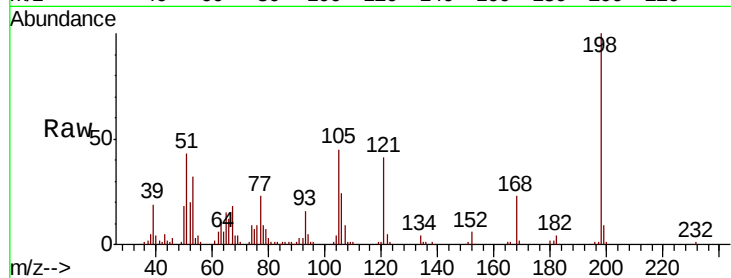
Tot Ion:198 Resp: 56750

Ion Ratio Lower Upper

198 100

51 43.0 19.5 59.5

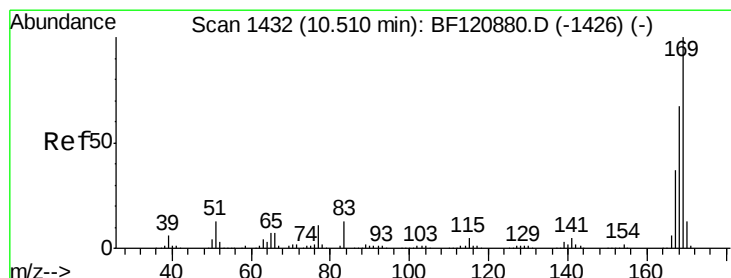
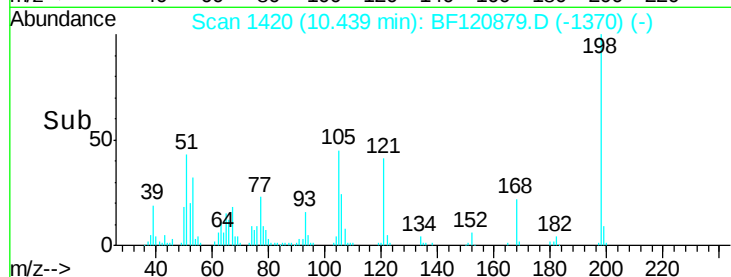
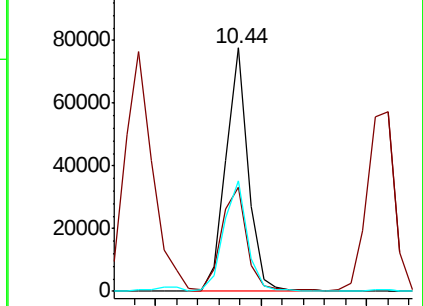
105 45.3 24.4 64.4



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: 20.508 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

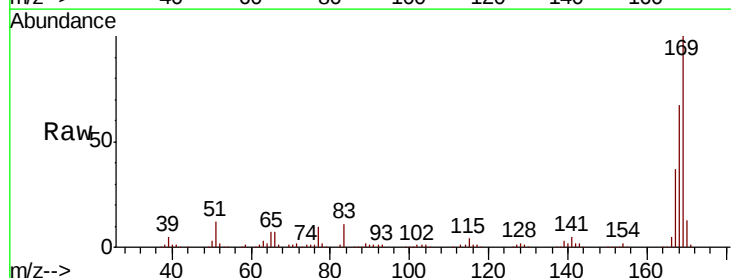
Tgt Ion:169 Resp: 384791

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

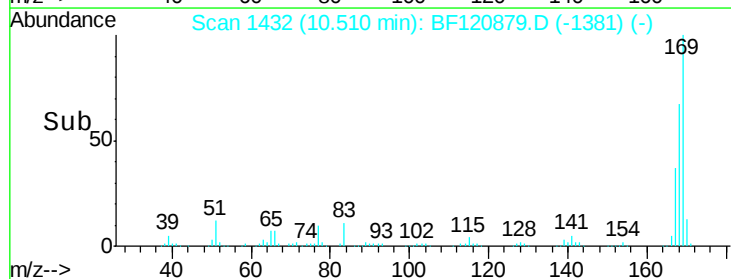
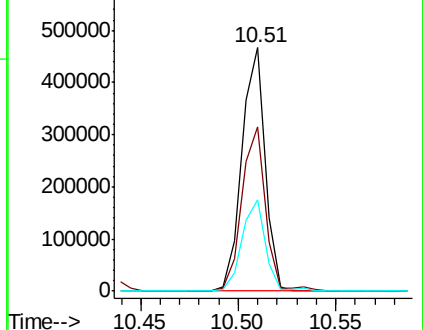
167 37.3 29.4 44.0

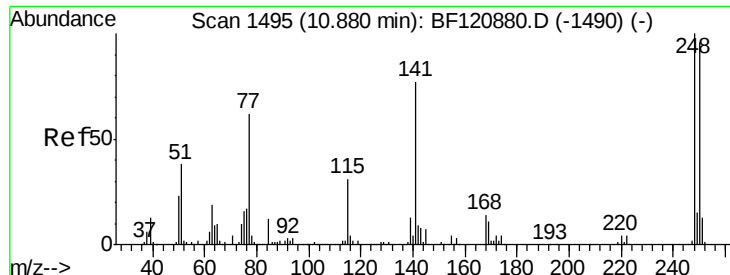


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

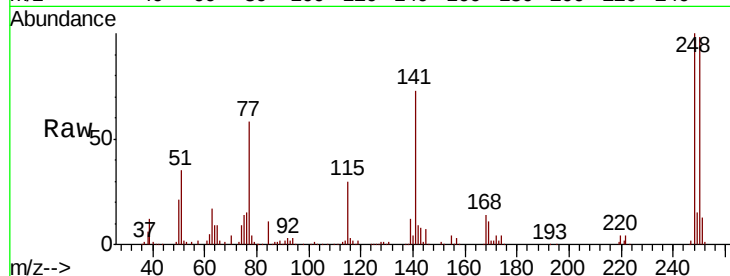




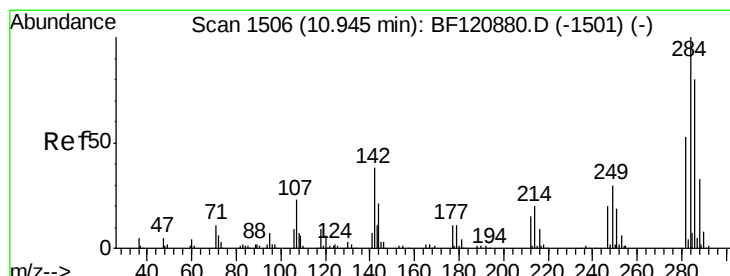
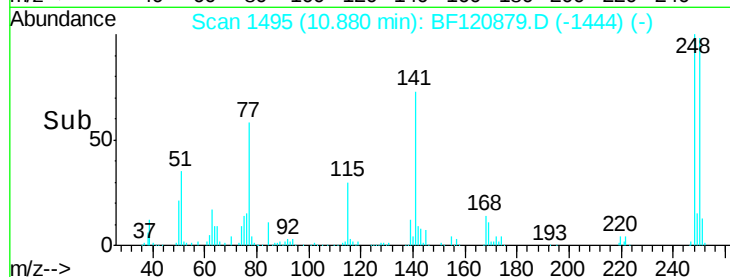
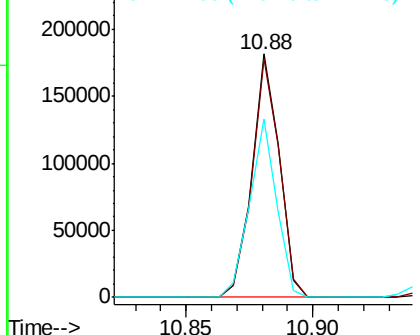
#67
4-Bromophenyl-phenylether
Concen: 21.095 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:248 Resp: 136988
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 73.0 61.2 91.8

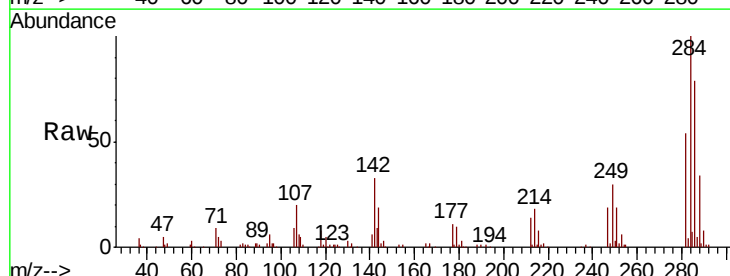


Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

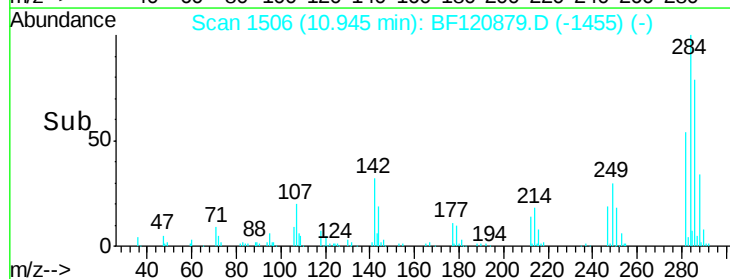
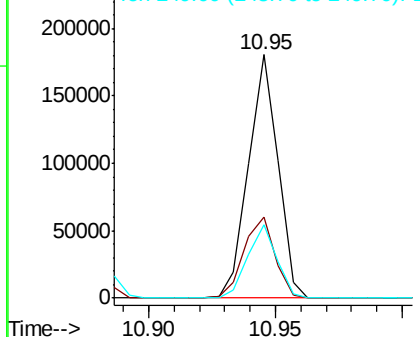


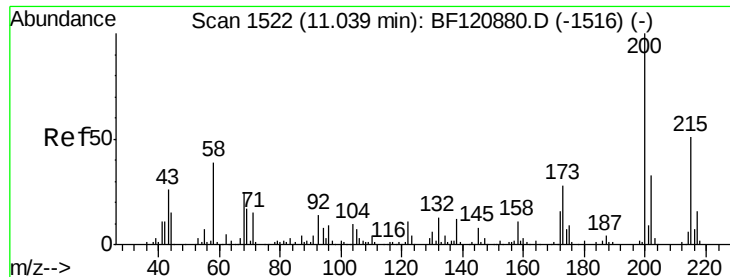
#68
Hexachlorobenzene
Concen: 21.512 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:284 Resp: 146584
Ion Ratio Lower Upper
284 100
142 33.1 30.2 45.2
249 30.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
250000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

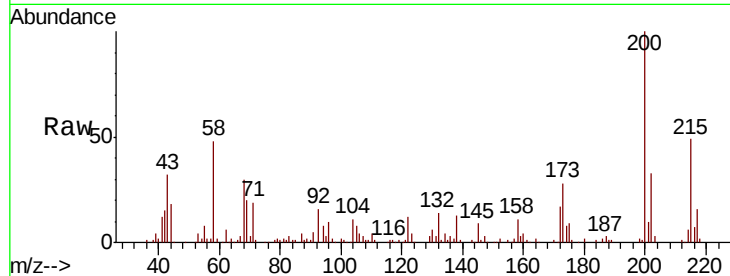




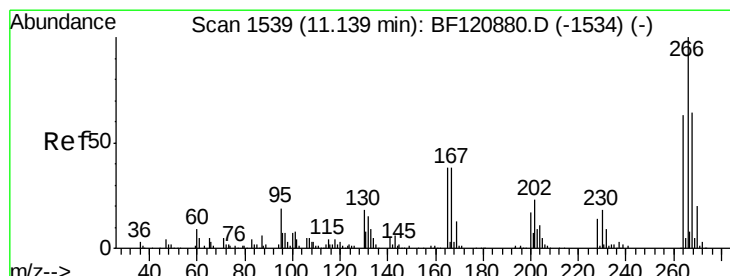
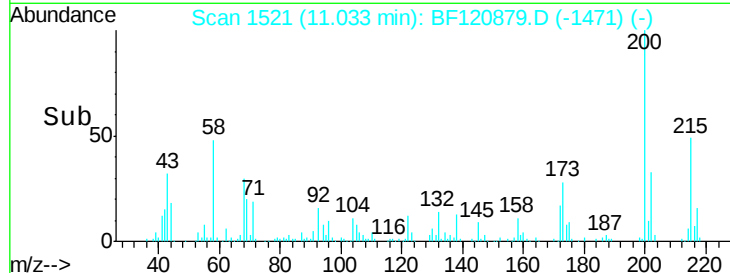
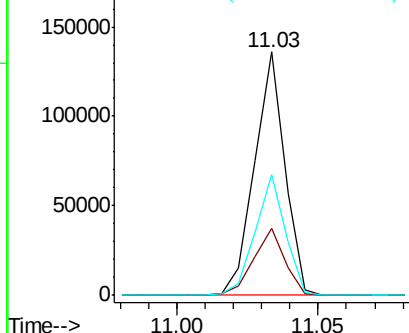
#69
Atrazine
Concen: 20.984 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:200 Resp: 101433
Ion Ratio Lower Upper
200 100
173 27.6 8.0 48.0
215 49.4 31.5 71.5

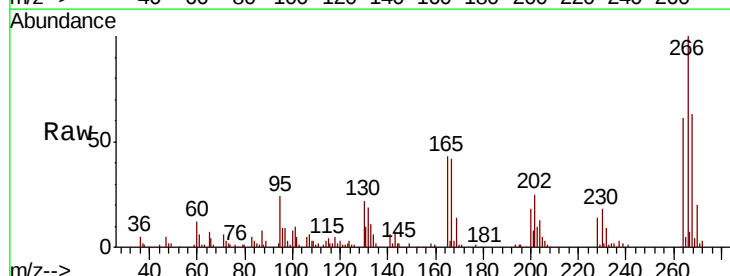


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

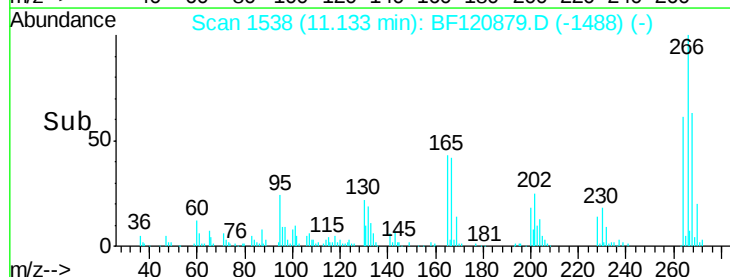
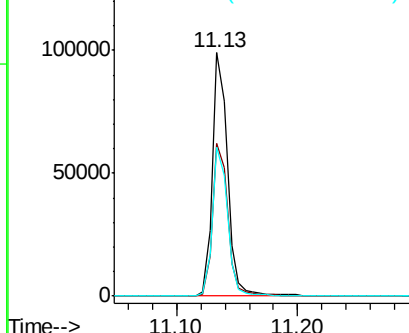


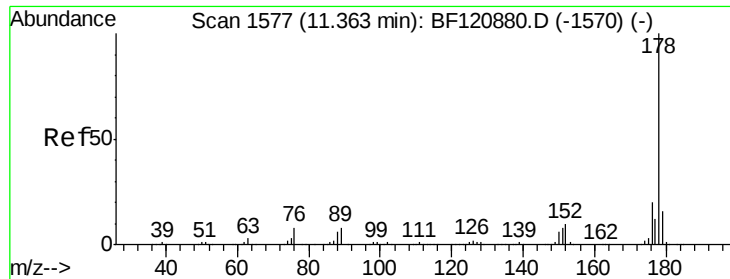
#70
Pentachlorophenol
Concen: 22.159 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:266 Resp: 85429
Ion Ratio Lower Upper
266 100
268 63.0 51.1 76.7
264 61.4 50.2 75.2



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

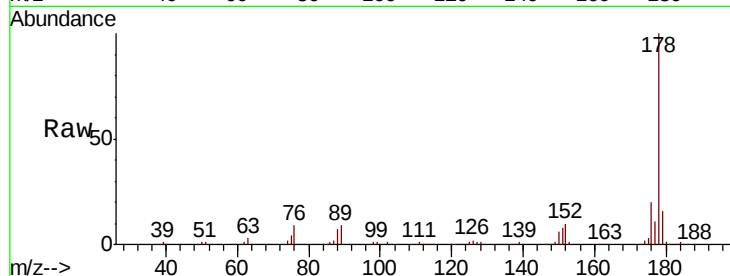




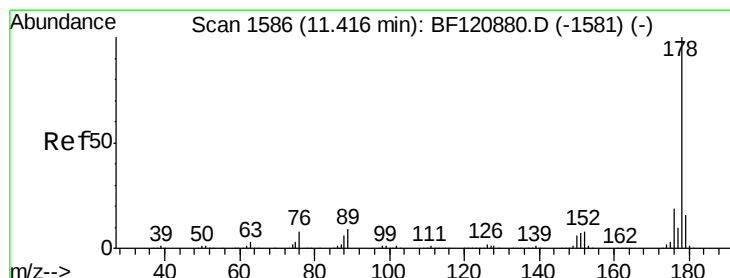
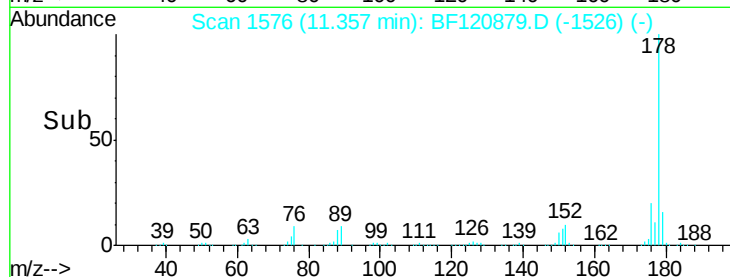
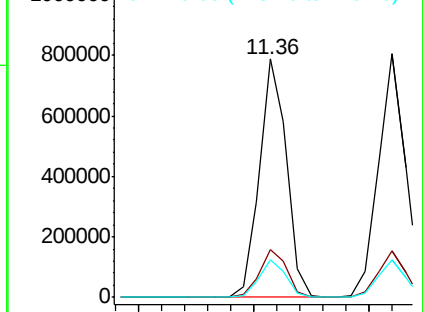
#71
Phenanthrene
Concen: 21.137 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion:178 Resp: 642015
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.9 12.8 19.2

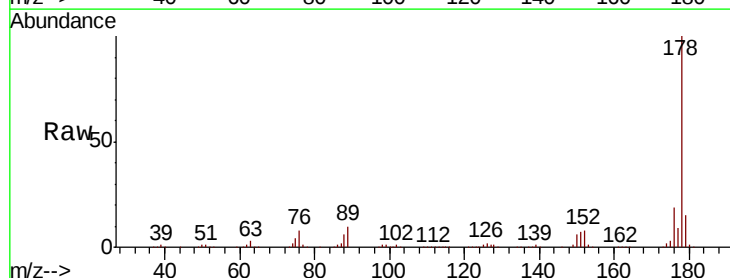


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

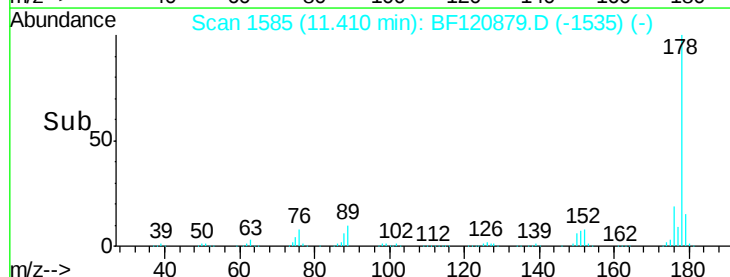
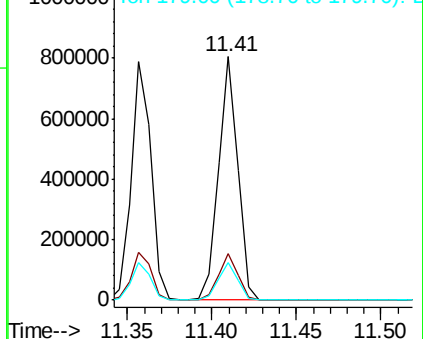


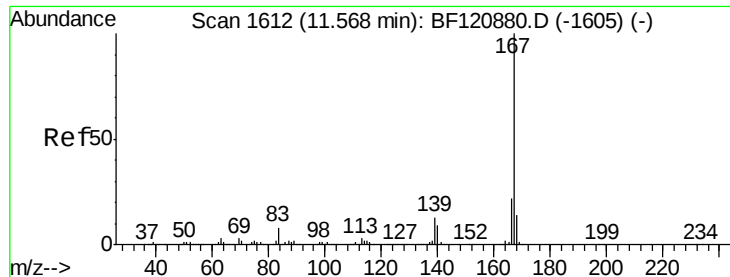
#72
Anthracene
Concen: 21.069 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:178 Resp: 646685
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
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

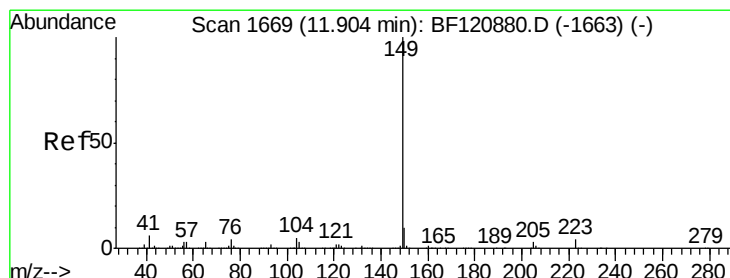
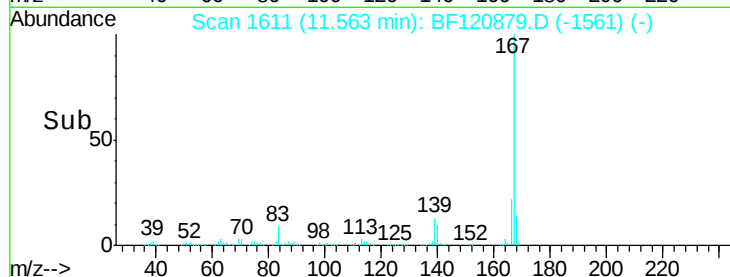
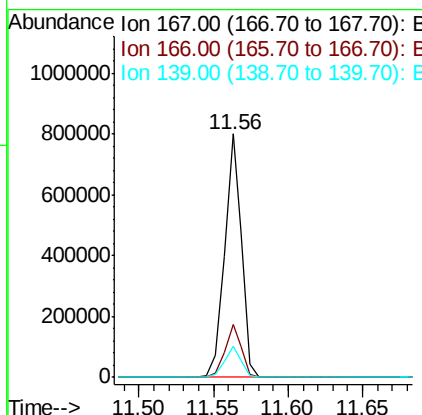
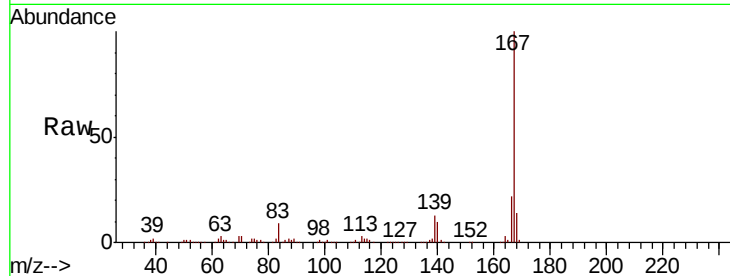




#73
 Carbazole
 Concen: 21.587 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

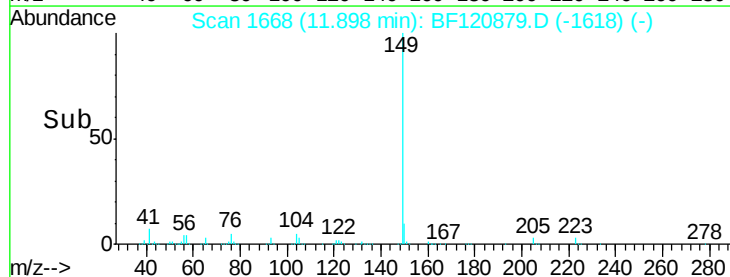
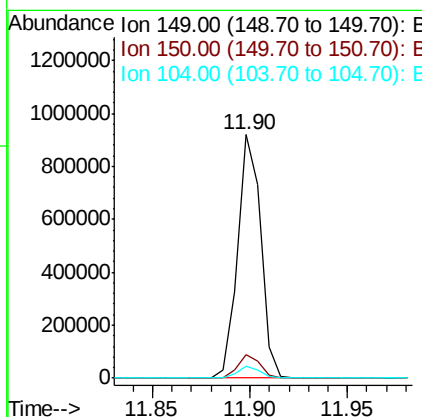
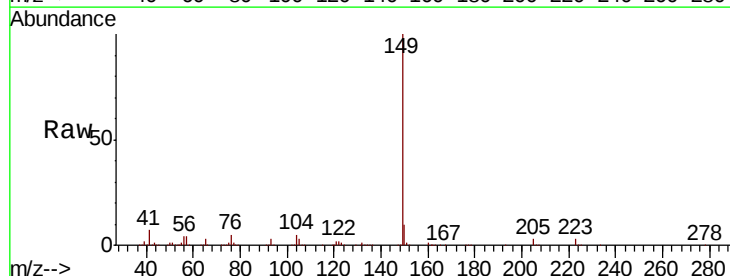
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

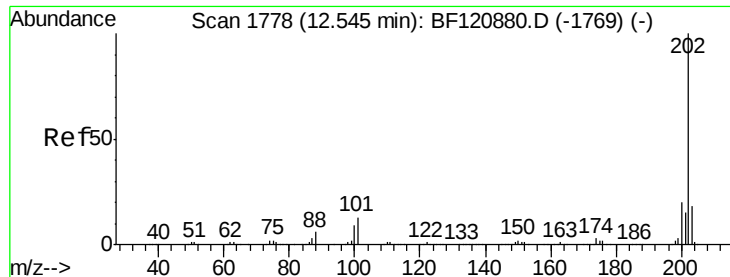
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	13.0	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 20.606 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.6

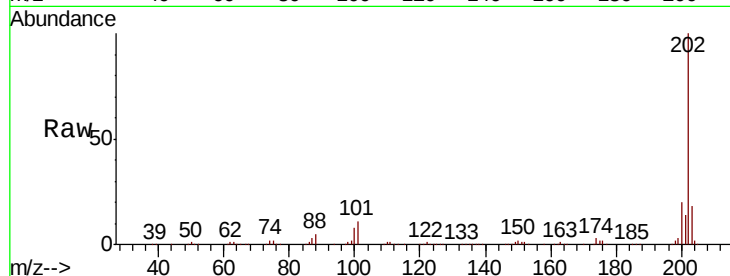




#75
 Fluoranthene
 Concen: 22.017 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.7
203	17.8	0.0	38.0

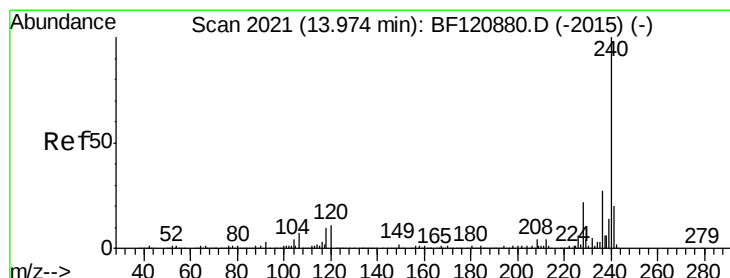
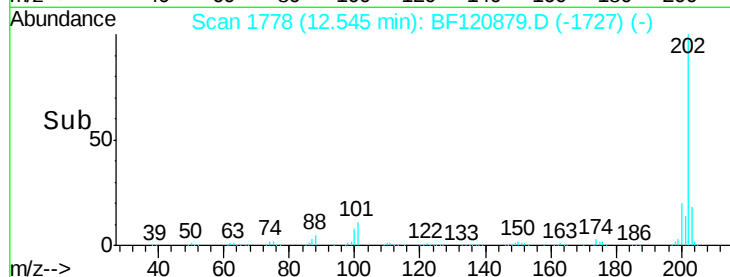
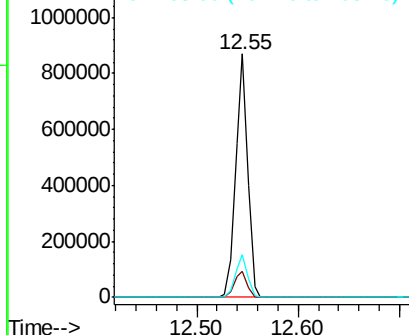


Abundance

Ion 202.00 (201.70 to 202.70): E

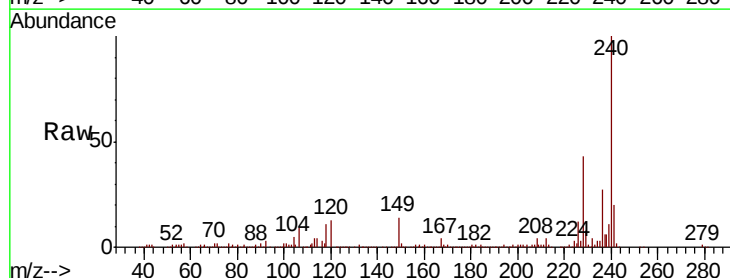
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.0	13.4
236	26.6	21.7	32.5

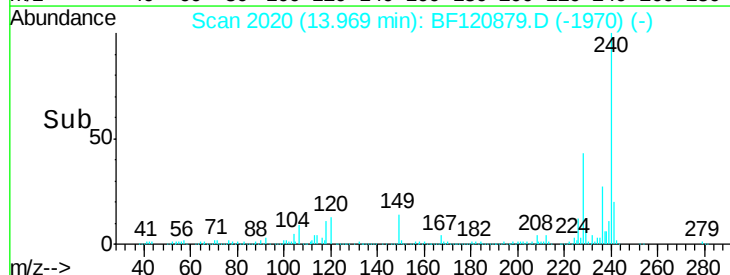
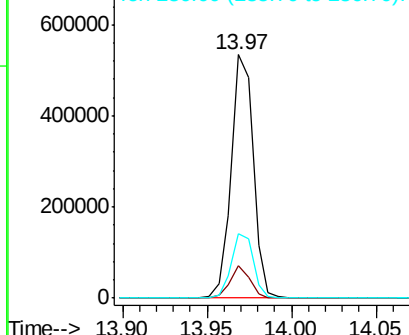


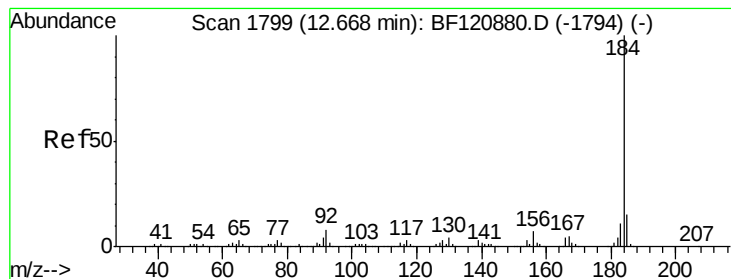
Abundance

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: 20.390 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

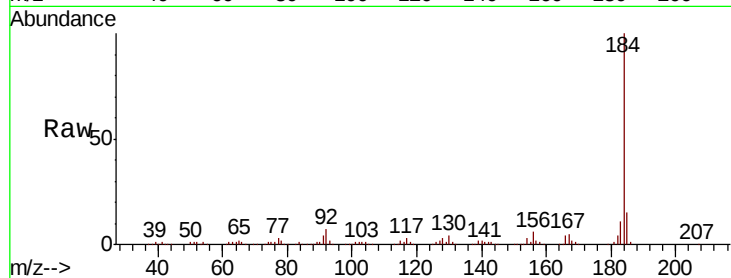
BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:184 Resp: 278397

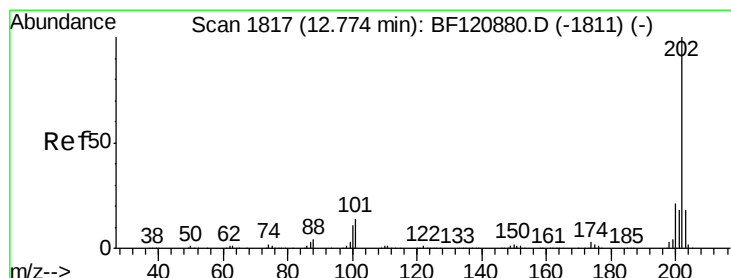
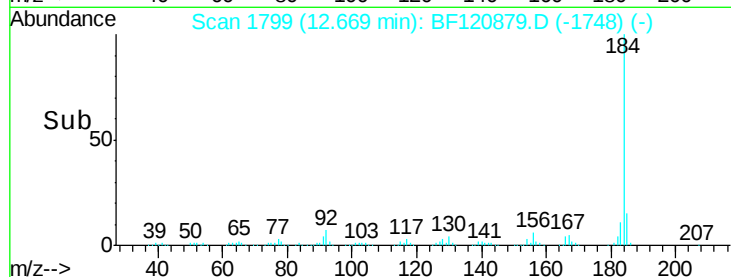
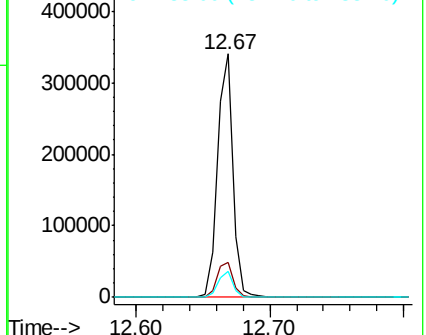
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	10.6	8.5	12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.430 ng

RT: 12.77 min Scan# 1817

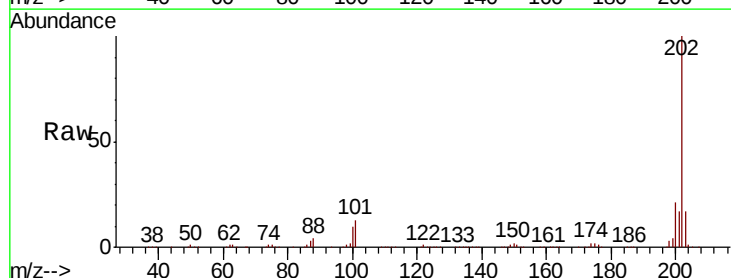
Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Tgt Ion:202 Resp: 750642

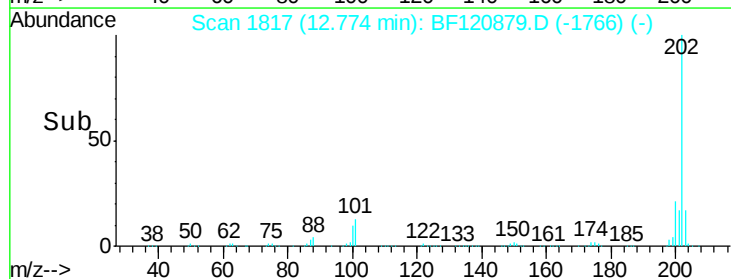
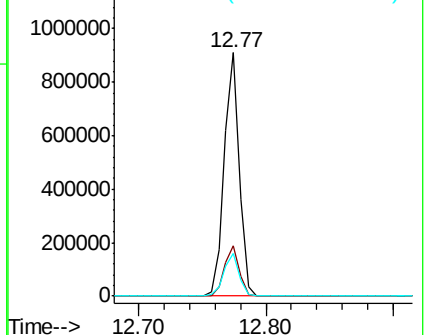
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.4	14.4	21.6

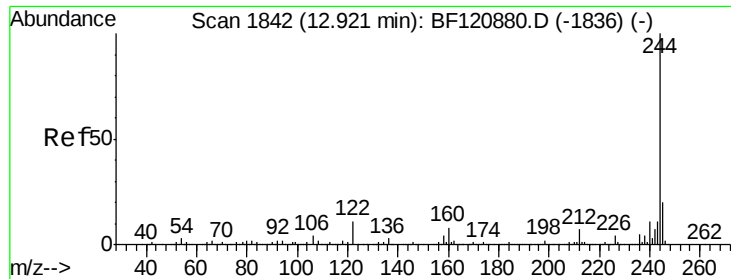


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 40.484 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

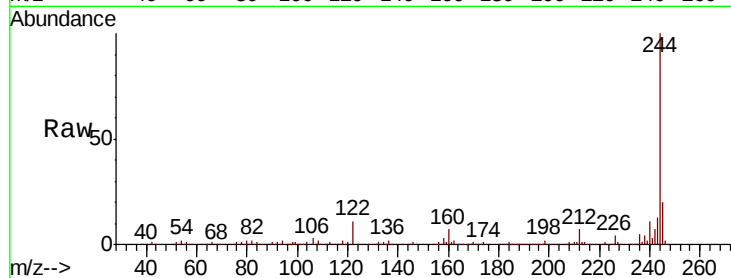
Tot Ion:244 Resp: 1000212

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

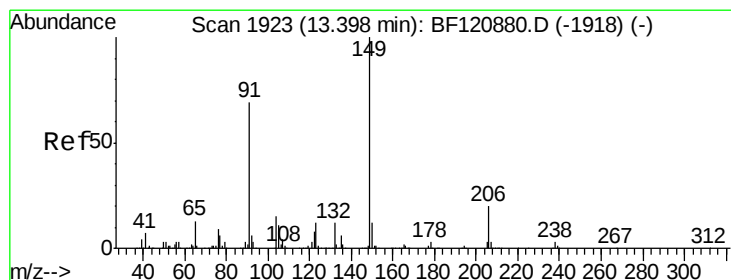
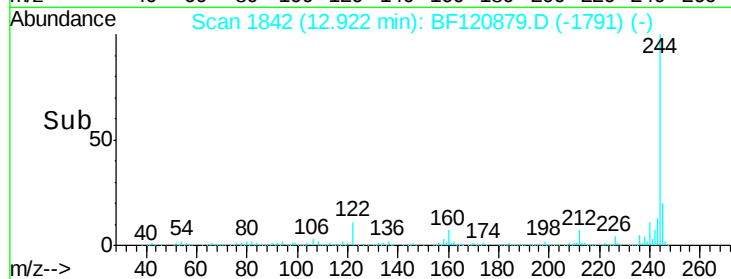
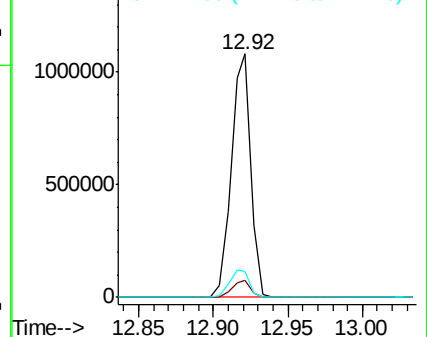
122 10.6 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 19.743 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

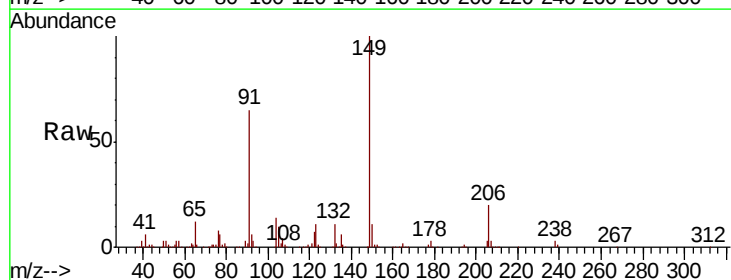
Tgt Ion:149 Resp: 329293

Ion Ratio Lower Upper

149 100

91 64.5 55.1 82.7

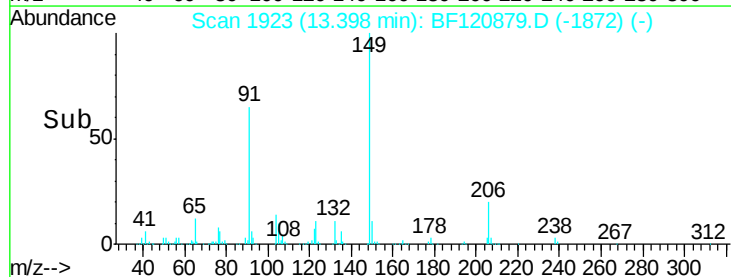
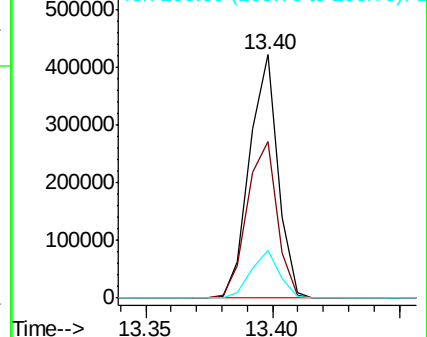
206 19.8 16.1 24.1

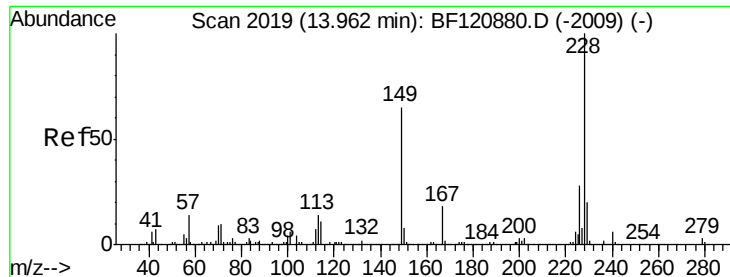


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.702 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

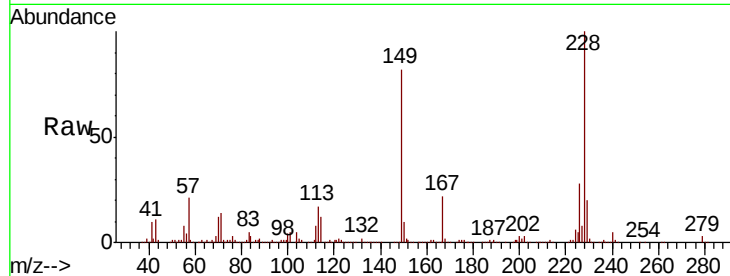
Tot Ion:228 Resp: 672926

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

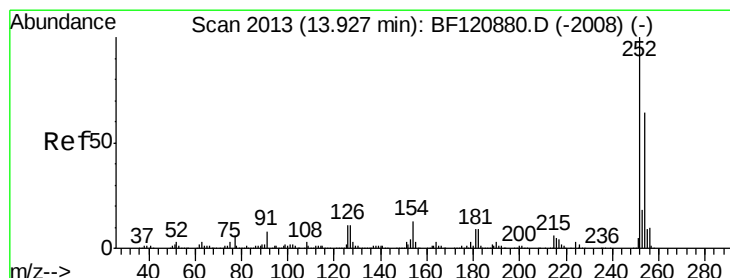
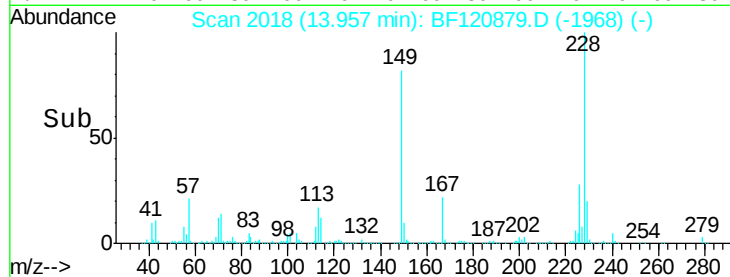
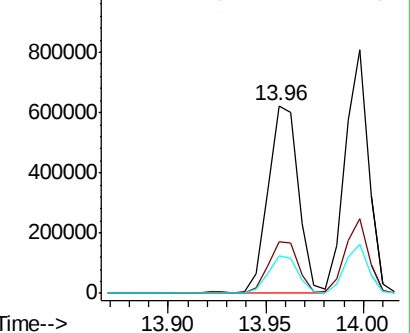
229 19.8 16.1 24.1



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: 23.439 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

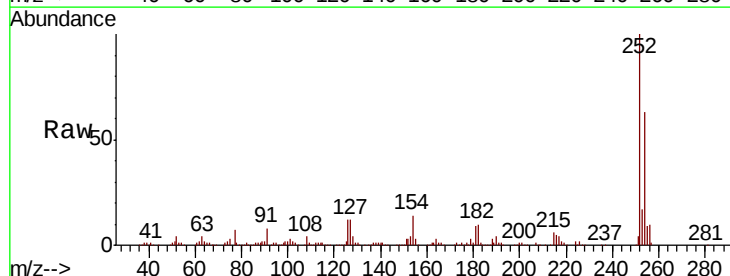
Tgt Ion:252 Resp: 245261

Ion Ratio Lower Upper

252 100

254 63.0 51.2 76.8

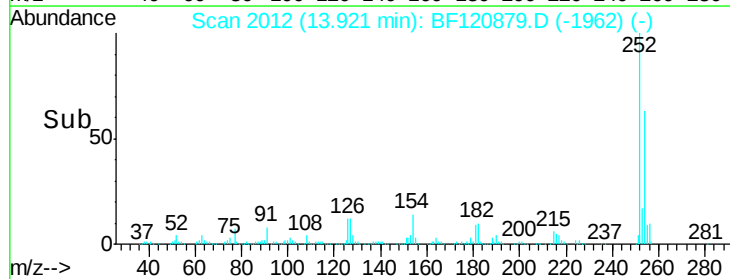
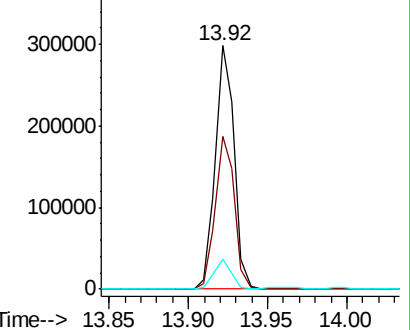
126 12.1 8.7 13.1

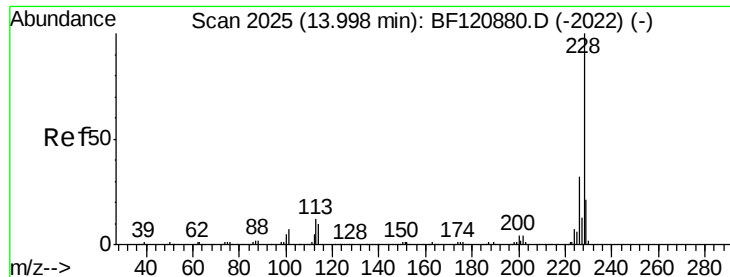


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 21.279 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

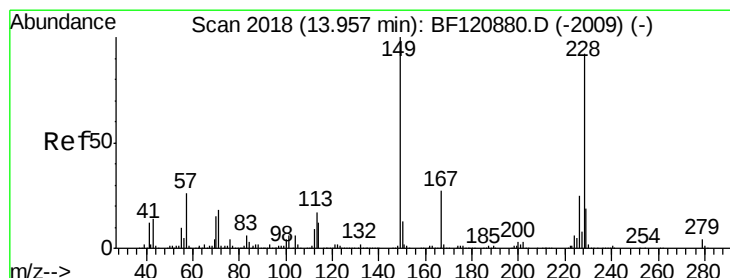
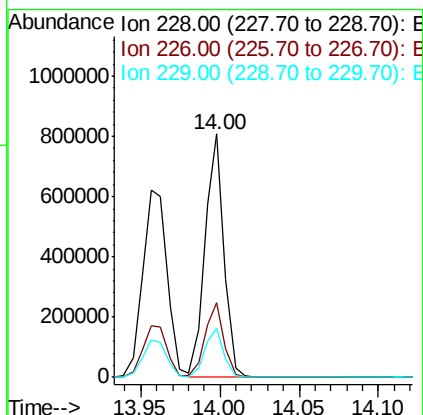
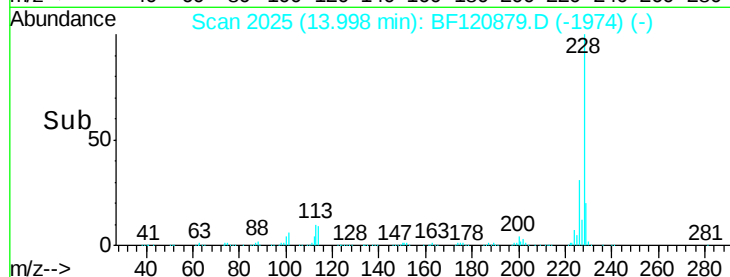
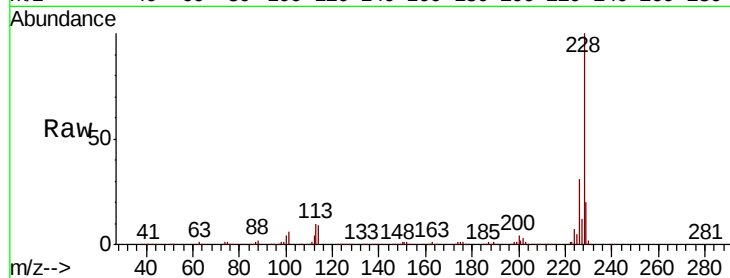
Tot Ion:228 Resp: 673014

Ion Ratio Lower Upper

228 100

226 30.9 25.6 38.4

229 20.0 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.989 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

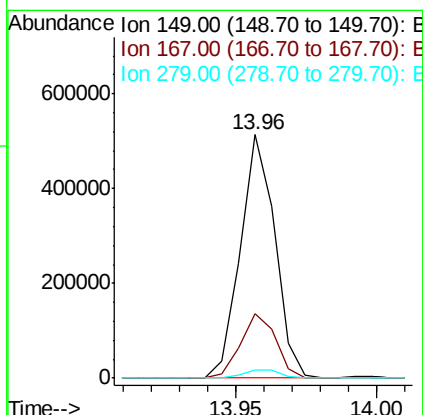
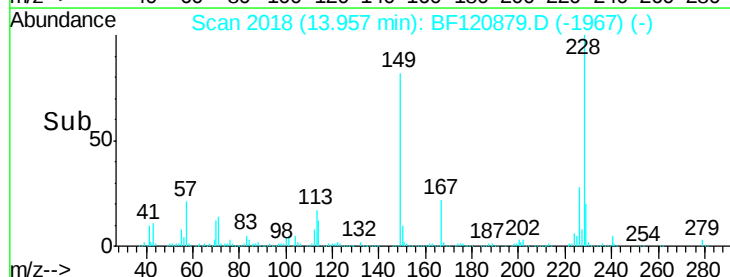
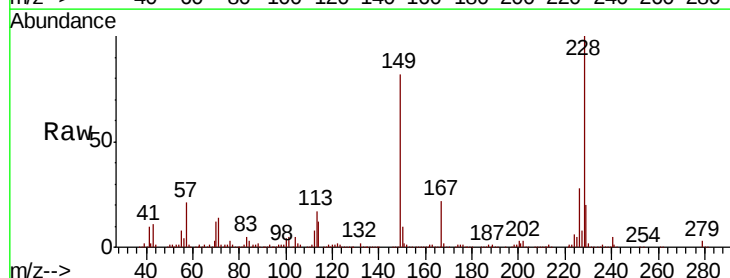
Tgt Ion:149 Resp: 437207

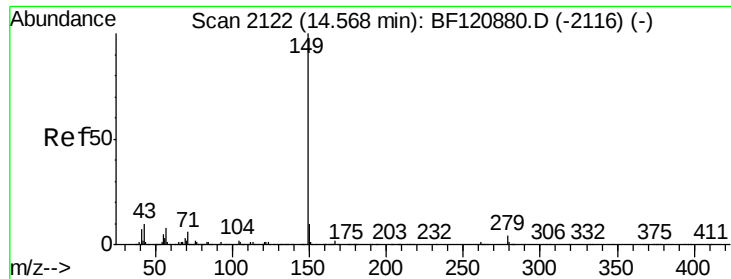
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 3.5 3.0 4.4

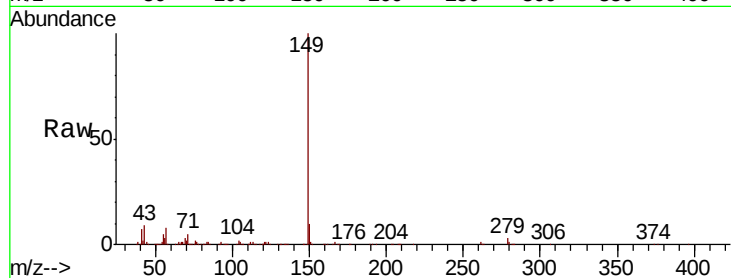




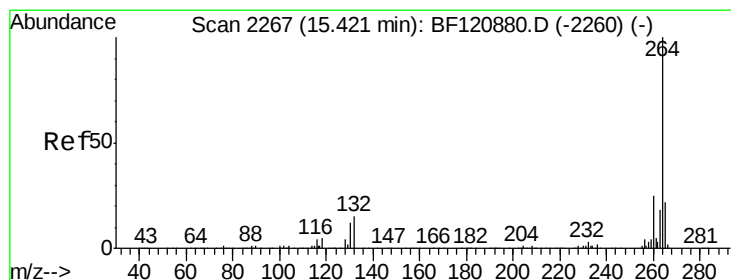
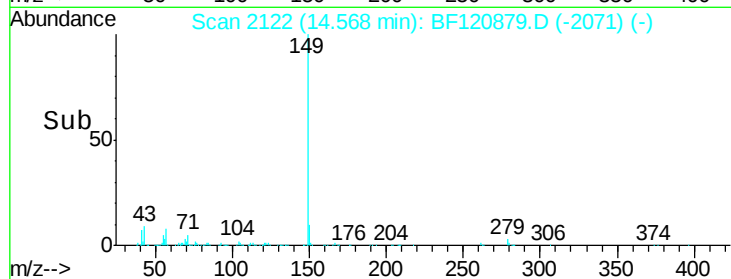
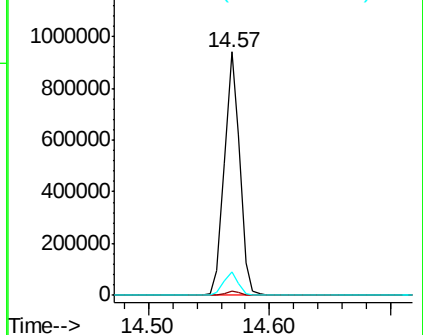
#85
Di-n-octyl phthalate
Concen: 21.234 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	7.6	11.4

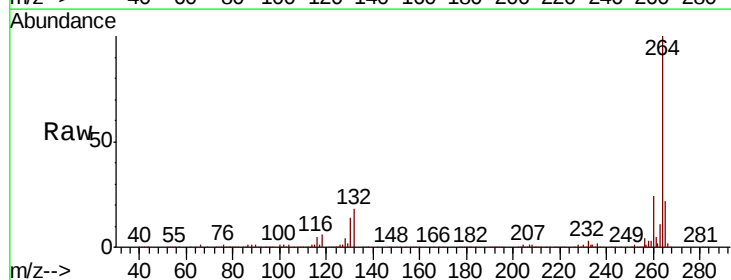


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

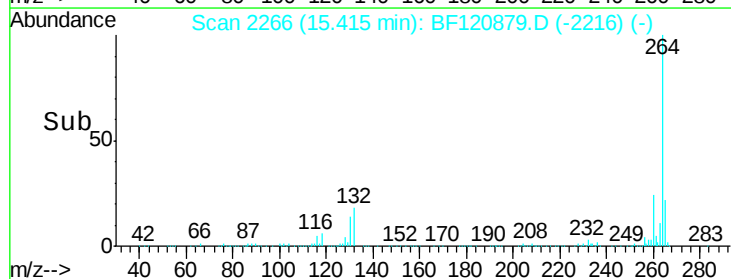
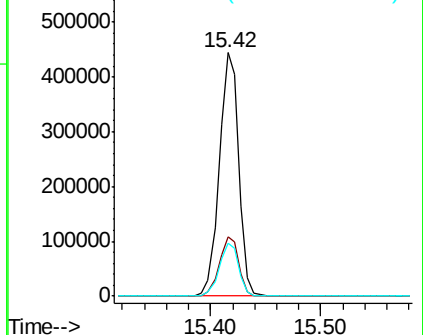


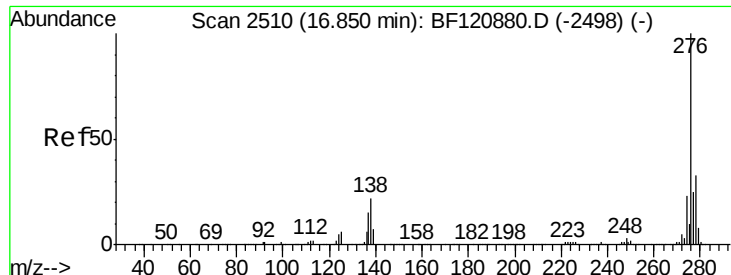
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.6	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 22.973 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

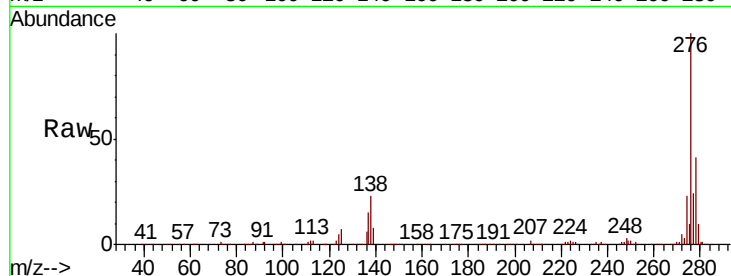
Tot Ion:276 Resp: 796992

Ion Ratio Lower Upper

276 100

138 25.3 19.8 29.8

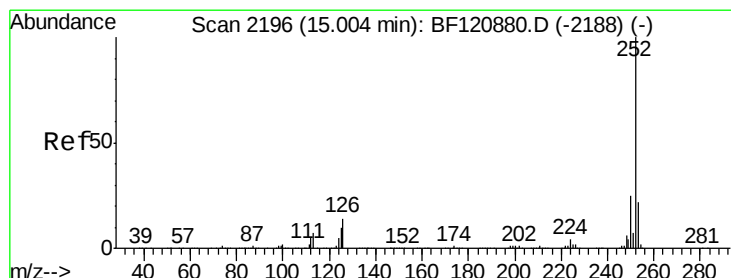
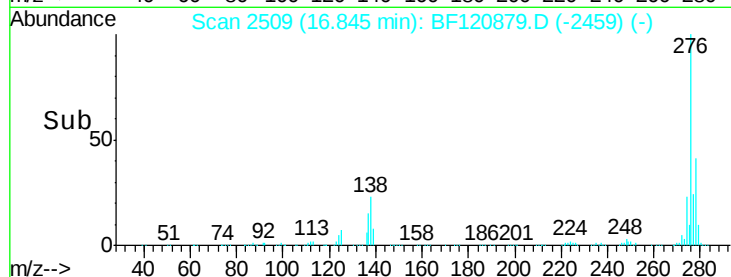
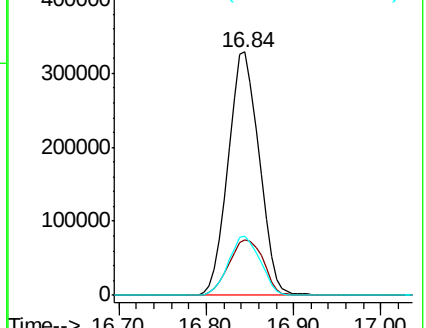
277 24.9 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 18.923 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

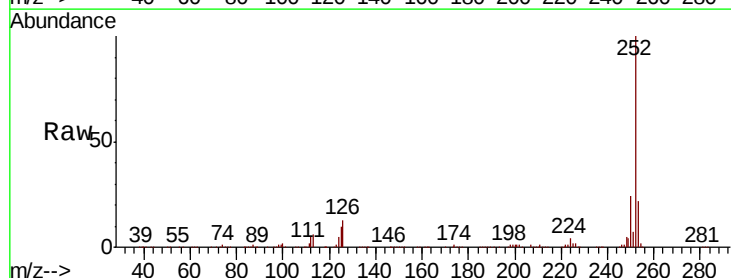
Tgt Ion:252 Resp: 672883

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

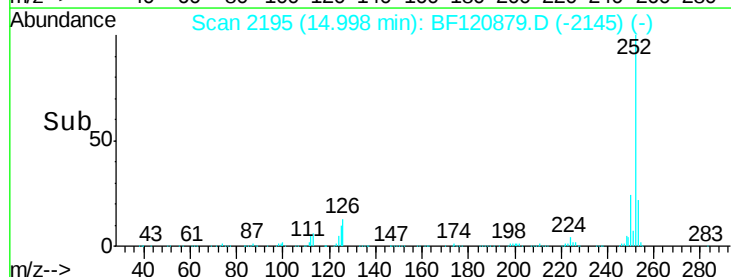
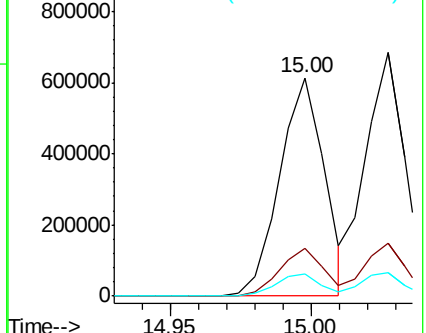
125 10.0 8.3 12.5

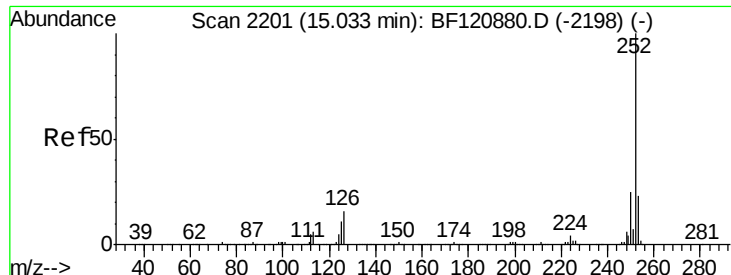


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

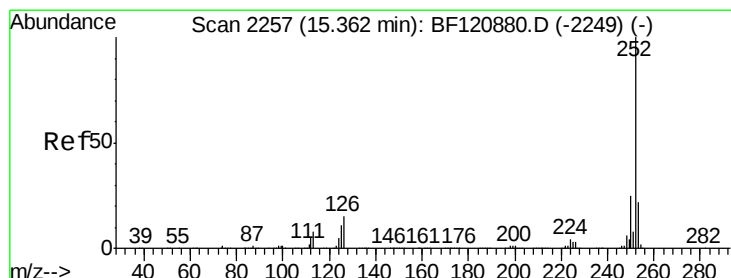
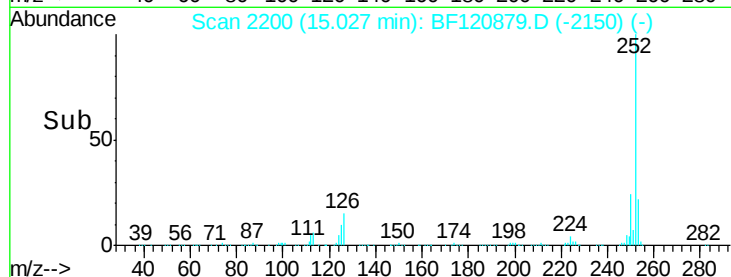
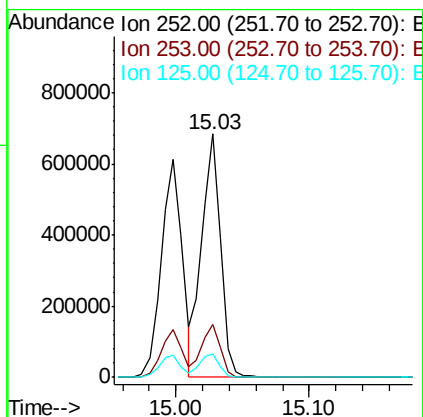
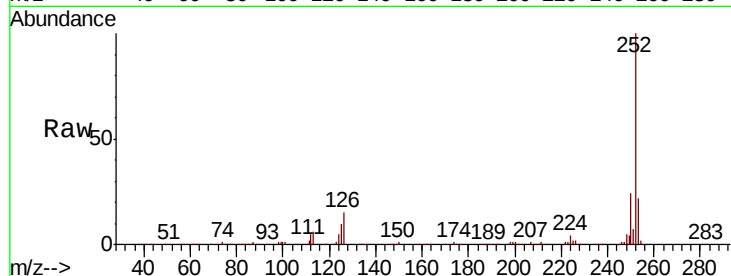




#89
Benzo(k)fluoranthene
Concen: 19.342 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

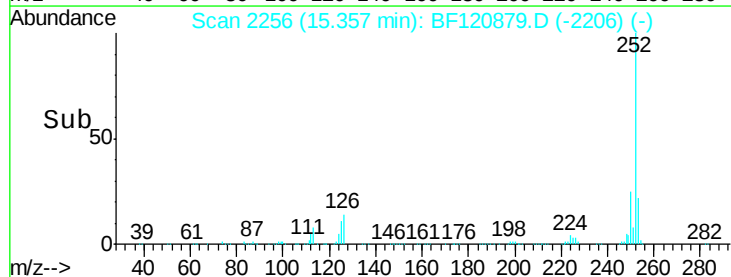
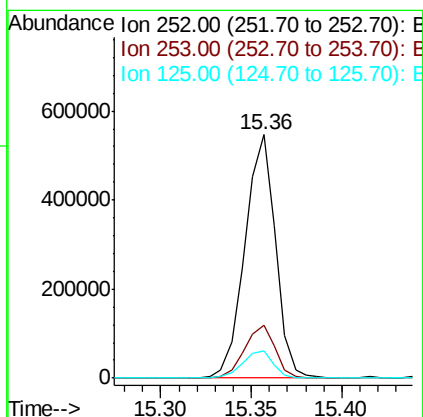
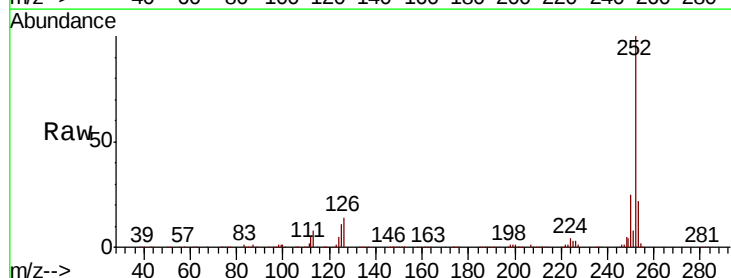
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

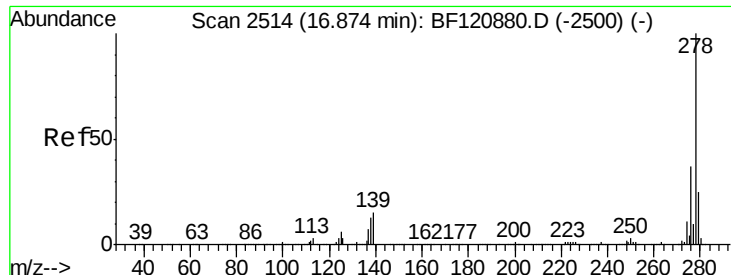
Tot Ion:252 Resp: 669245
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 20.174 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:252 Resp: 639908
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 23.074 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

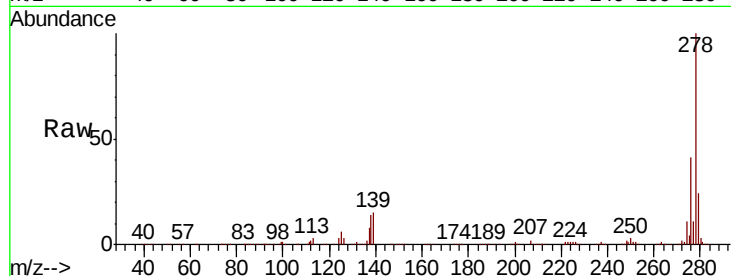
Tot Ion:278 Resp: 667176

Ion Ratio Lower Upper

278 100

139 15.3 12.3 18.5

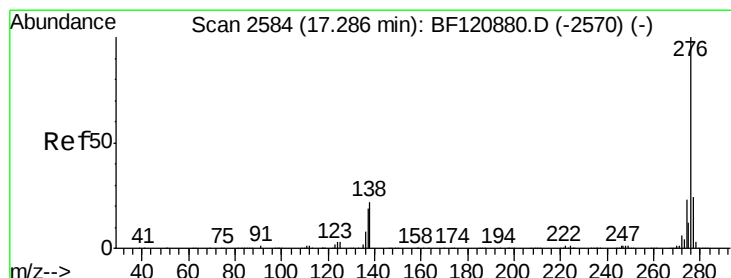
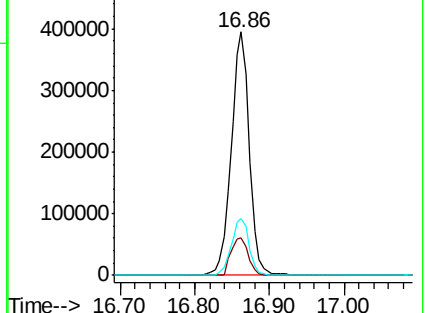
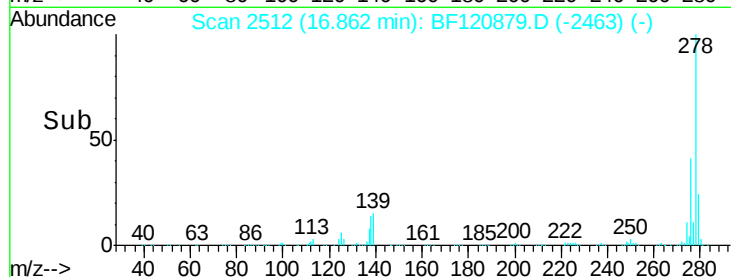
279 23.5 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 24.388 ng

RT: 17.27 min Scan# 2582

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

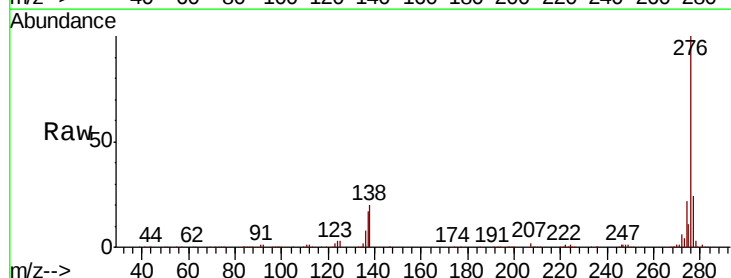
Tgt Ion:276 Resp: 644496

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.4 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

