

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121276.D
 Acq On : 13 Aug 2020 18:03
 Operator : JU/CG
 Sample : L3653-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Quant Time: Aug 13 18:59:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	18647	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	76040	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	39582	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	78346	20.00	ng	0.00
76) Chrysene-d12	13.87	240	72678	20.00	ng	0.00
86) Perylene-d12	15.28	264	73990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	121221	98.56	ng	0.00
7) Phenol-d6	6.35	99	150198	94.76	ng	0.00
23) Nitrobenzene-d5	7.28	82	92409	66.42	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	44520	91.35	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	198088	69.23	ng	0.00
79) Terphenyl-d14	12.82	244	234842	62.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	20890	39.911	ng	# 94
3) Pyridine	2.98	79	43957	32.261	ng	98
4) n-Nitrosodimethylamine	2.89	42	24595	44.075	ng	97
6) Aniline	6.37	93	48648	25.892	ng	96
8) 2-Chlorophenol	6.50	128	58615	43.339	ng	94
9) Benzaldehyde	6.26	77	35702	43.710	ng	97
10) Phenol	6.36	94	78137	45.445	ng	85
11) bis(2-Chloroethyl)ether	6.45	93	55751	44.921	ng	99
12) 1,3-Dichlorobenzene	6.66	146	62012	43.394	ng	97
13) 1,4-Dichlorobenzene	6.73	146	62640	43.367	ng	98
14) 1,2-Dichlorobenzene	6.89	146	61020	44.762	ng	100
15) Benzyl Alcohol	6.86	79	44915	42.304	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	79162	44.296	ng	97
17) 2-Methylphenol	6.98	107	48678	45.565	ng	98
18) Hexachloroethane	7.23	117	22315	43.687	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	38440	43.650	ng	97
20) 3+4-Methylphenols	7.13	107	62049	45.778	ng	# 85
22) Acetophenone	7.13	105	84571	43.181	ng	# 97
24) Nitrobenzene	7.30	77	60222	39.890	ng	94
25) Isophorone	7.54	82	109913	39.347	ng	94
26) 2-Nitrophenol	7.62	139	28676	39.203	ng	96
27) 2,4-Dimethylphenol	7.66	122	50994	43.510	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	68765	44.011	ng	100
29) 2,4-Dichlorophenol	7.87	162	47417	39.564	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	54243	41.007	ng	99
31) Naphthalene	8.03	128	177212	41.424	ng	97
32) Benzoic acid	7.75	122	19494	32.898	ng	95
33) 4-Chloroaniline	8.08	127	47380	27.139	ng	96
34) Hexachlorobutadiene	8.15	225	31098	38.856	ng	97
35) Caprolactam	8.41	113	14474	40.095	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	50135	41.001	ng	98
37) 2-Methylnaphthalene	8.72	142	116701	41.455	ng	98
38) 1-Methylnaphthalene	8.82	142	110818	41.575	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	54169	40.843	ng	100

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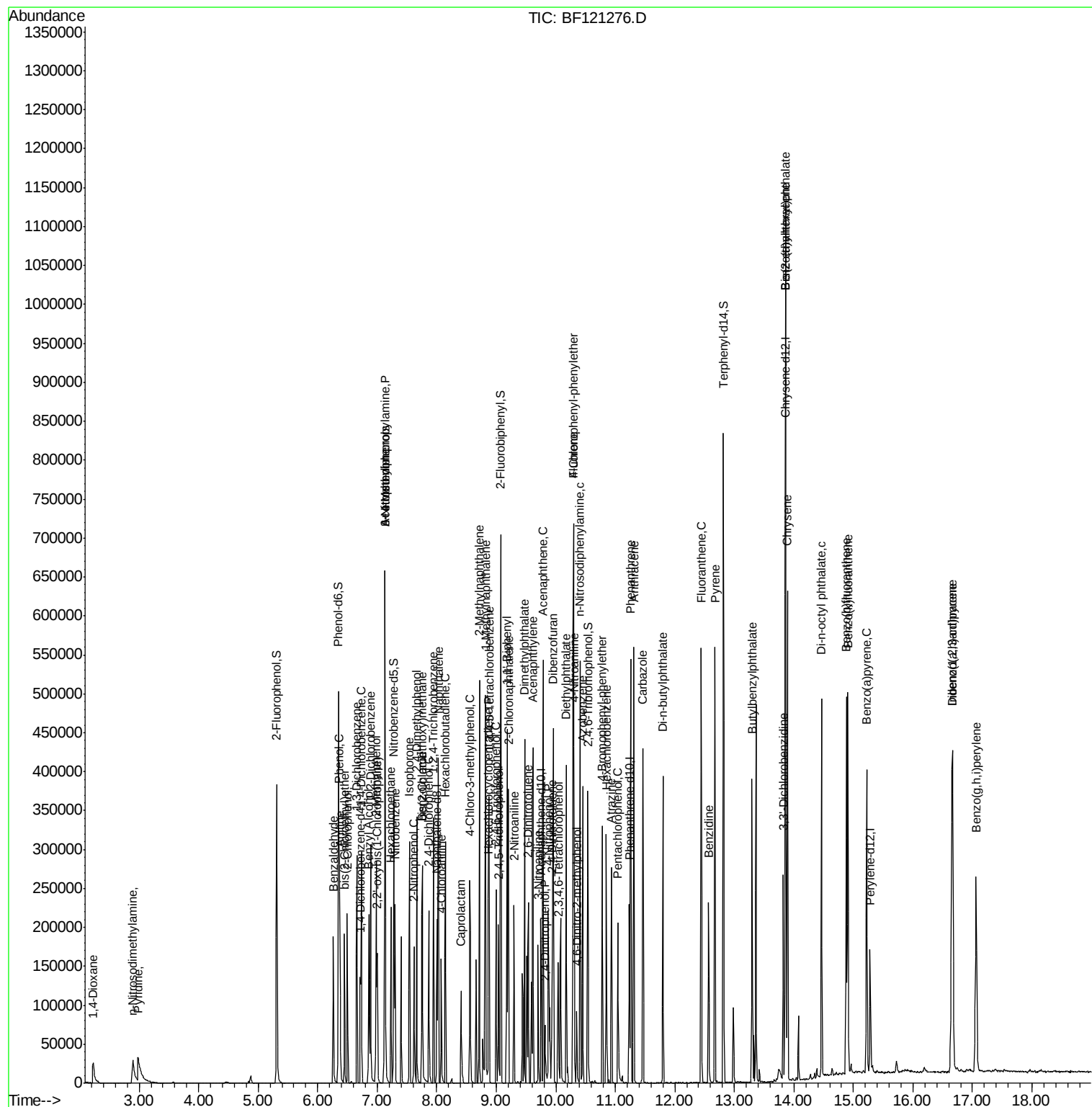
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	25723	56.319	nq	100
43) 2,4,6-Trichlorophenol	9.00	196	32470	38.495	nq	98
44) 2,4,5-Trichlorophenol	9.04	196	36014	39.310	nq	94
46) 1,1'-Biphenyl	9.18	154	142915	41.787	nq	97
47) 2-Chloronaphthalene	9.20	162	107554	40.852	nq	99
48) 2-Nitroaniline	9.30	65	30783	41.598	nq	95
49) Acenaphthylene	9.62	152	175419	41.951	nq	98
50) Dimethylphthalate	9.47	163	145839	48.964	nq	100
51) 2,6-Dinitrotoluene	9.54	165	25303	38.110	nq	99
52) Acenaphthene	9.79	154	101431	40.970	nq	98
53) 3-Nitroaniline	9.70	138	23829	31.433	nq	90
54) 2,4-Dinitrophenol	9.82	184	13789	49.072	nq	# 83
55) Dibenzofuran	9.96	168	162510	41.219	nq	100
56) 4-Nitrophenol	9.87	139	37558	76.770	nq	97
57) 2,4-Dinitrotoluene	9.94	165	34334	39.404	nq	# 88
58) Fluorene	10.30	166	124086	41.578	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	23446	32.367	nq	92
60) Diethylphthalate	10.17	149	126770	41.855	nq	98
61) 4-Chlorophenyl-phenylether	10.29	204	61683	42.496	nq	99
62) 4-Nitroaniline	10.31	138	29065	38.240	nq	95
63) Azobenzene	10.45	77	121417	40.120	nq	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	12511	28.523	nq	98
66) n-Nitrosodiphenylamine	10.41	169	109771	40.862	nq	99
67) 4-Bromophenyl-phenylether	10.78	248	36393	39.823	nq	94
68) Hexachlorobenzene	10.85	284	41946	40.251	nq	98
69) Atrazine	10.94	200	30515	37.976	nq	99
70) Pentachlorophenol	11.05	266	28373	62.637	nq	99
71) Phenanthrene	11.26	178	184447	41.152	nq	100
72) Anthracene	11.31	178	189741	42.185	nq	98
73) Carbazole	11.47	167	175199	39.829	nq	99
74) Di-n-butylphthalate	11.80	149	209297	42.153	nq	98
75) Fluoranthene	12.44	202	214964	43.072	nq	98
77) Benzidine	12.57	184	80417	42.090	nq	99
78) Pyrene	12.67	202	224650	41.508	nq	99
80) Butylbenzylphthalate	13.30	149	89960	40.692	nq	96
81) Benzo(a)anthracene	13.86	228	209726	42.546	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	52772	26.983	nq	98
83) Chrysene	13.89	228	205786	40.889	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	134227	44.051	nq	99
85) Di-n-octyl phthalate	14.47	149	236164	42.272	nq	100
87) Indeno(1,2,3-cd)pyrene	16.66	276	225204	40.938	nq	99
88) Benzo(b)fluoranthene	14.88	252	202877	40.922	nq	99
89) Benzo(k)fluoranthene	14.91	252	205749	44.692	nq	97
90) Benzo(a)pyrene	15.23	252	185975	41.562	nq	97
91) Dibenzo(a,h)anthracene	16.67	278	188808	40.056	nq	99
92) Benzo(g,h,i)perylene	17.06	276	188179	40.454	nq	98

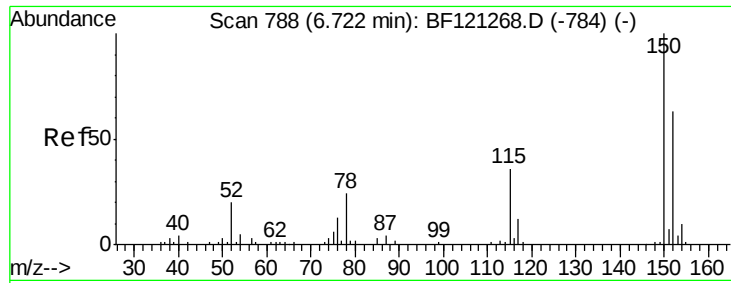
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

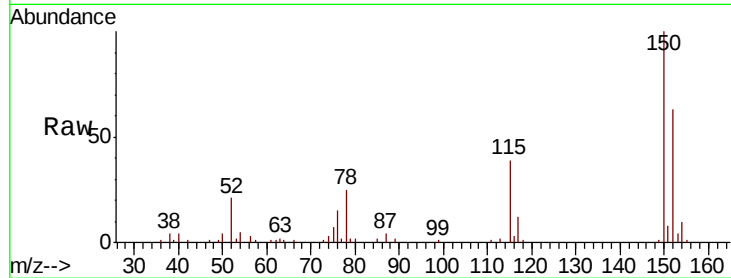
Tot Ion:152 Resp: 18647

Ion Ratio Lower Upper

152 100

150 158.8 129.0 193.6

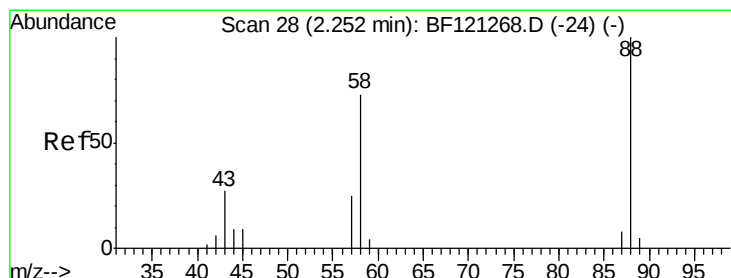
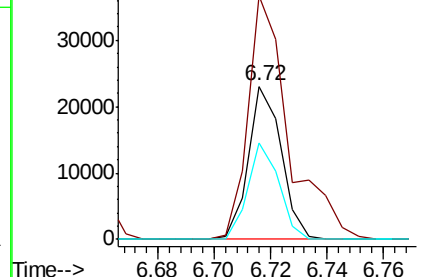
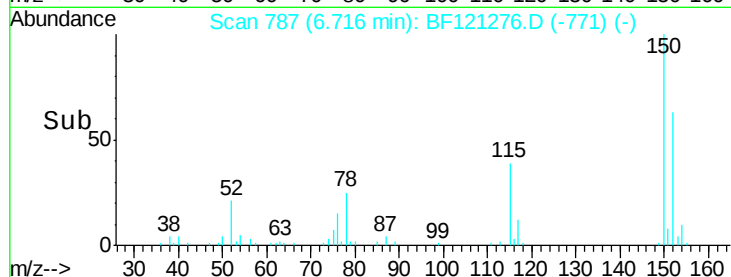
115 62.7 49.0 73.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.911 ng

RT: 2.23 min Scan# 24

Delta R.T. -0.02 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

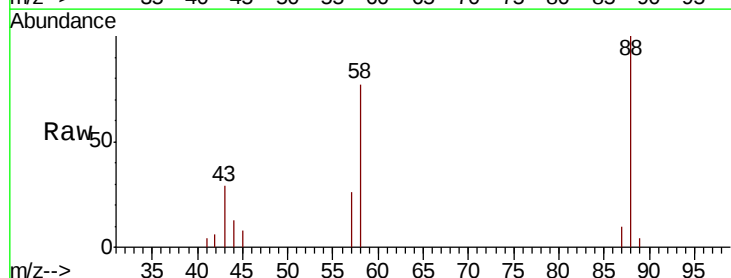
Tgt Ion: 88 Resp: 20890

Ion Ratio Lower Upper

88 100

58 74.9 58.6 87.8

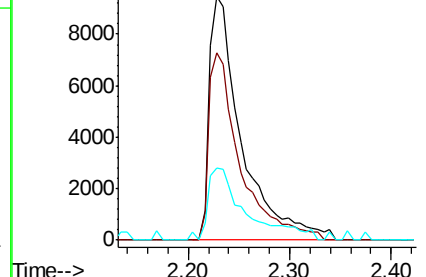
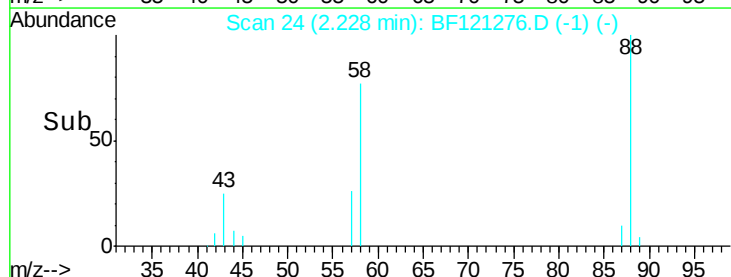
43 35.2 21.8 32.8#

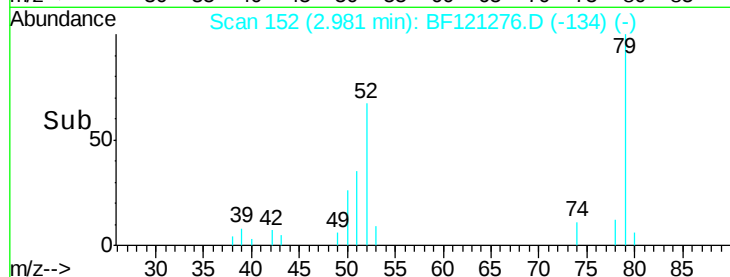
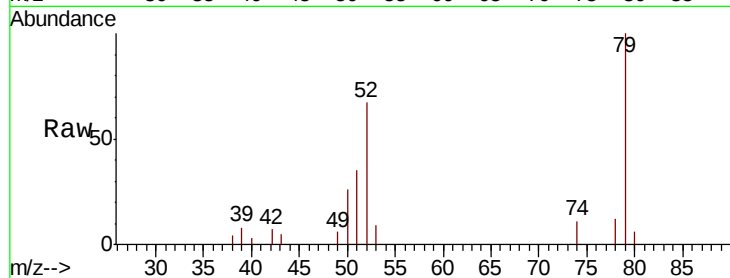
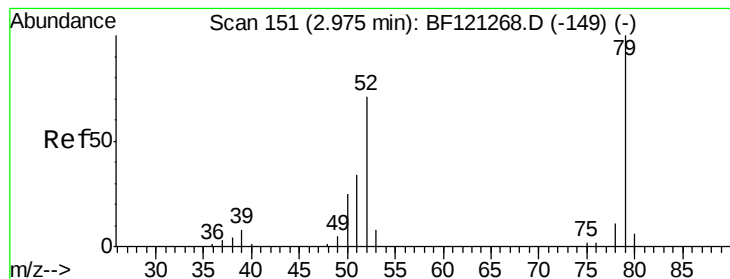


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.261 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampled :

SP1-3MS

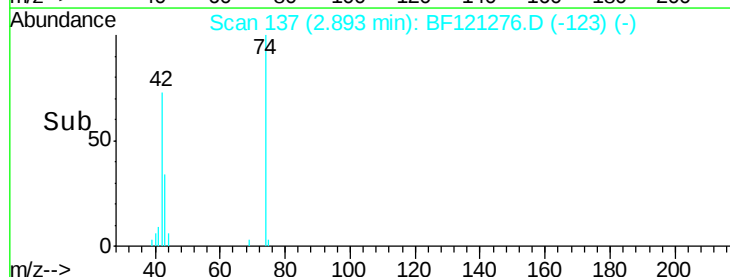
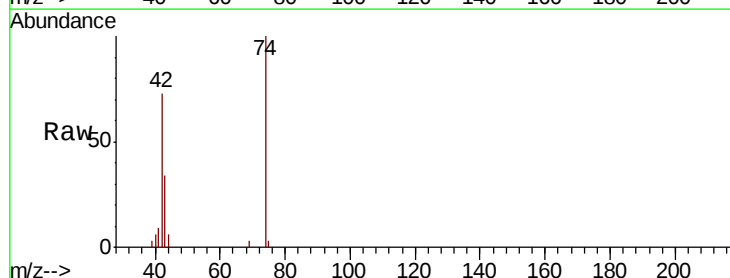
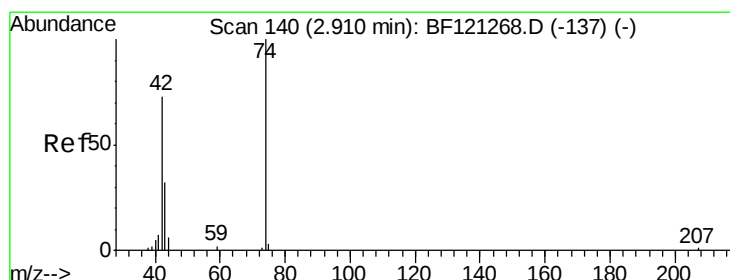
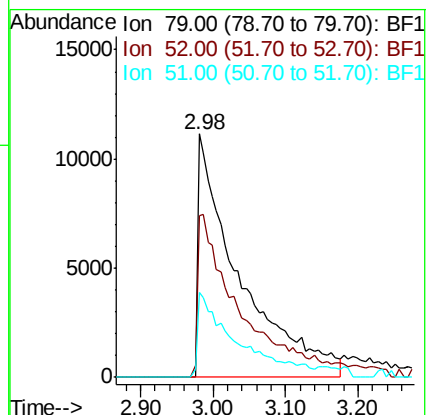
Tot Ion: 79 Resp: 43957

Ion Ratio Lower Upper

79 100

52 66.5 53.8 80.8

51 35.0 26.0 39.0



#4

n-Nitrosodimethylamine

Concen: 44.075 ng

RT: 2.89 min Scan# 137

Delta R.T. -0.02 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

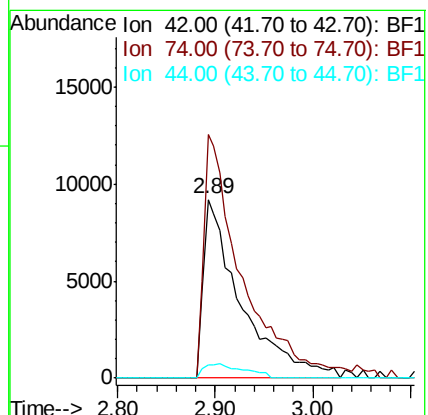
Tgt Ion: 42 Resp: 24595

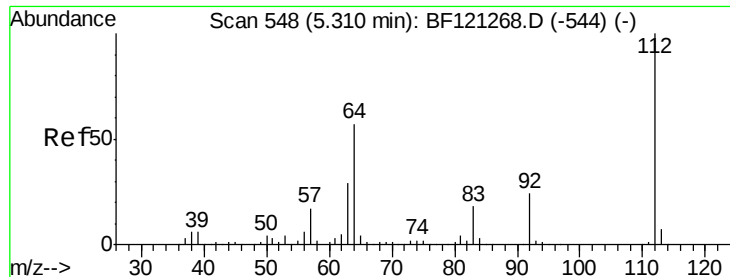
Ion Ratio Lower Upper

42 100

74 136.1 111.8 167.8

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 98.557 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

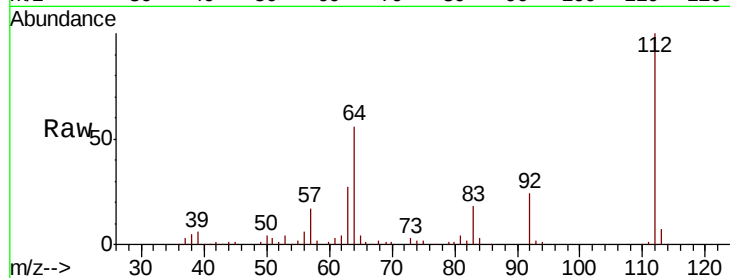
Tot Ion:112 Resp: 121221

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

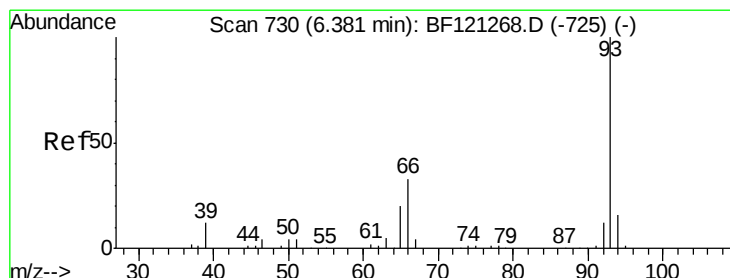
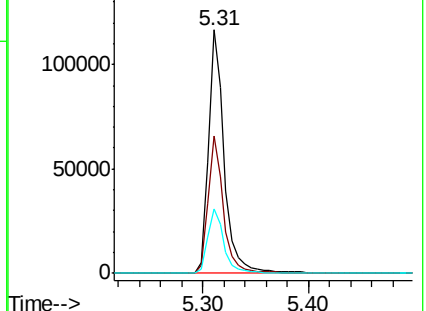
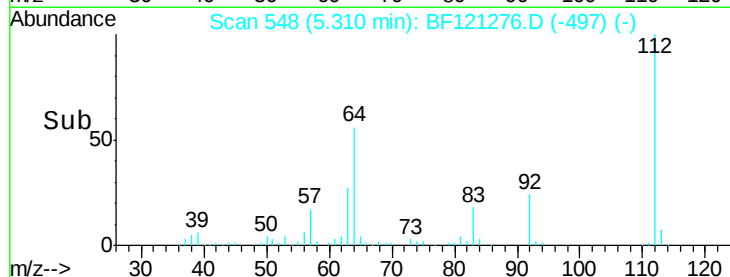
63 26.6 23.0 34.6



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: 25.892 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

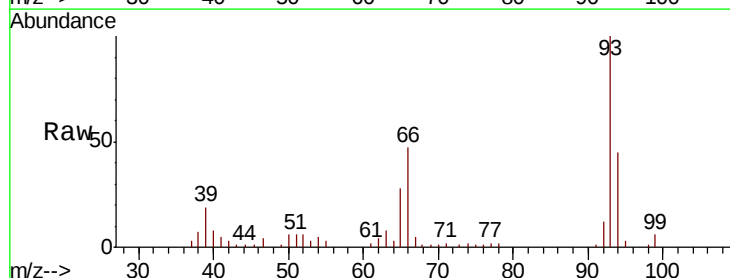
Tgt Ion: 93 Resp: 48648

Ion Ratio Lower Upper

93 100

66 47.4 36.2 54.4

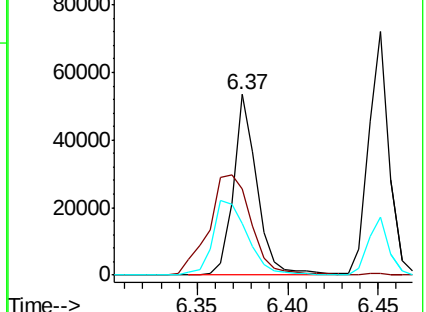
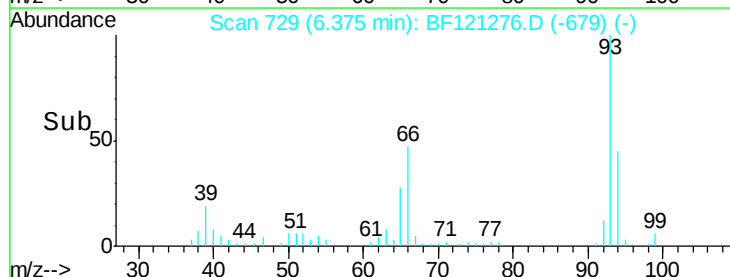
65 28.4 20.7 31.1

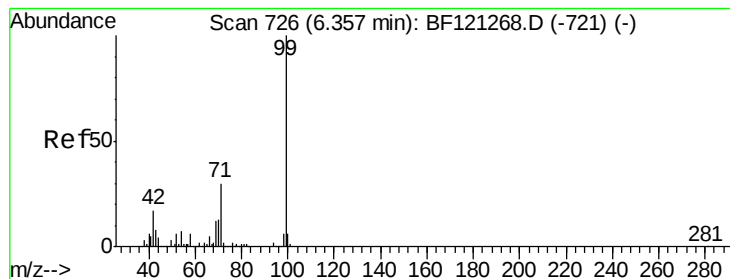


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.764 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF121276.D

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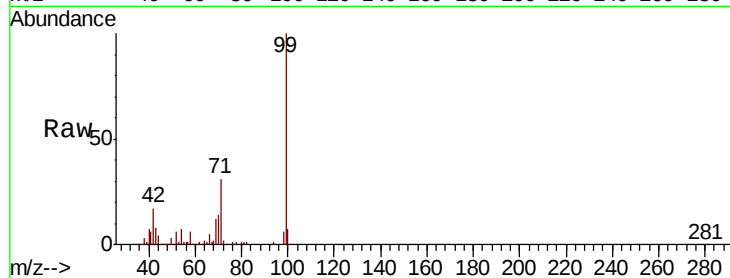
Tot Ion: 99 Resp: 150198

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

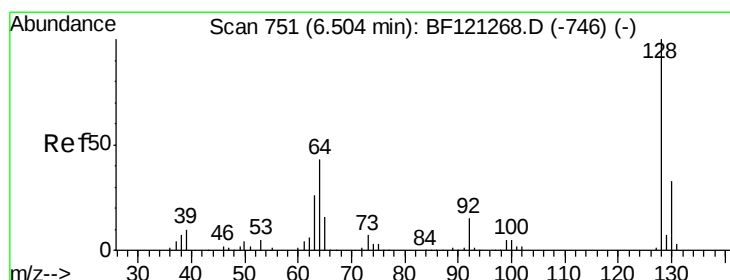
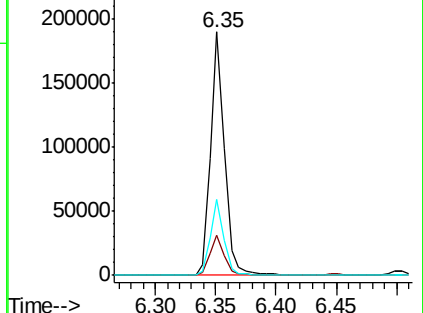
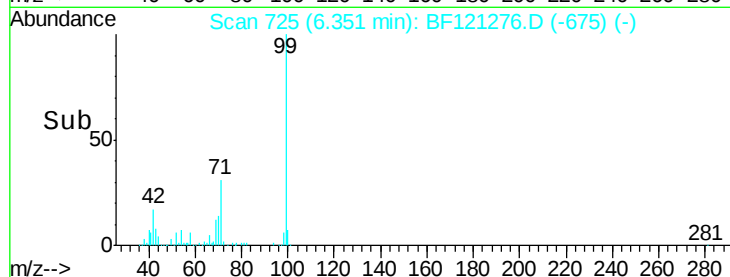
71 31.0 23.7 35.5



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: 43.339 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

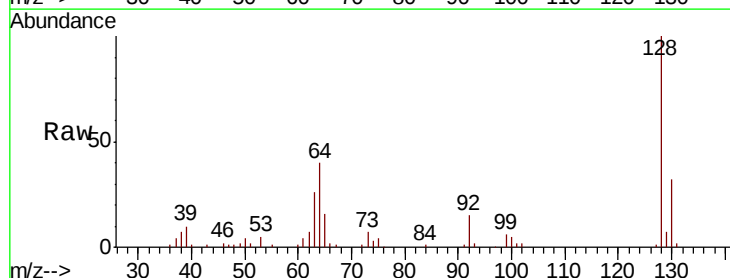
Tgt Ion: 128 Resp: 58615

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

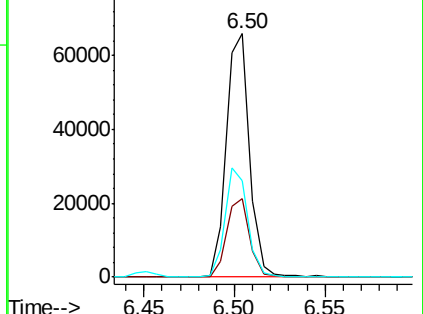
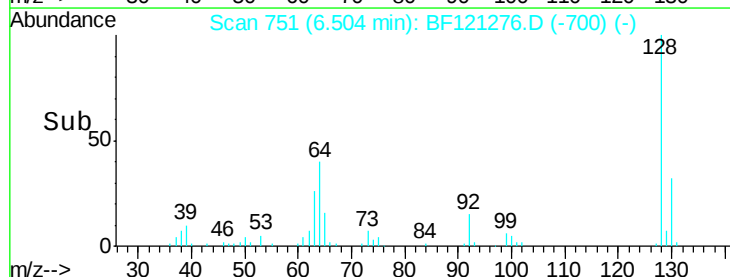
64 39.7 26.3 66.3

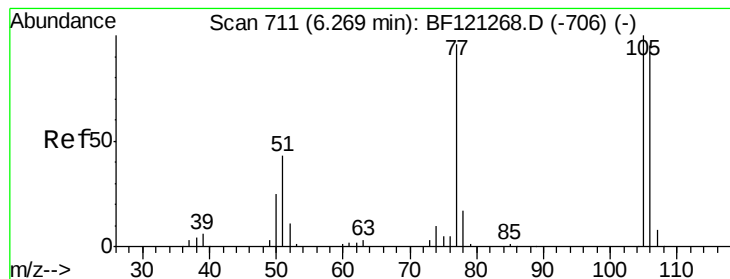


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.710 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF121276.D

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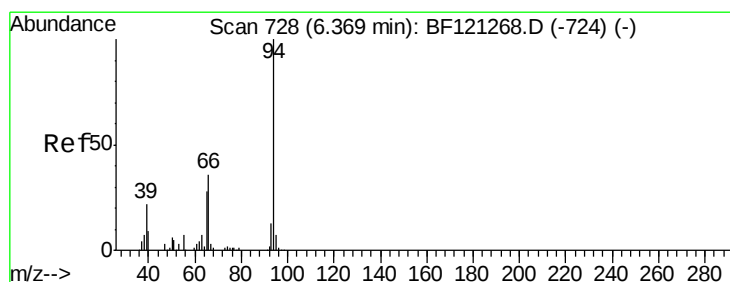
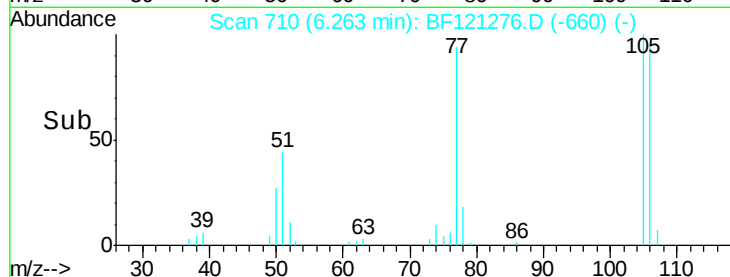
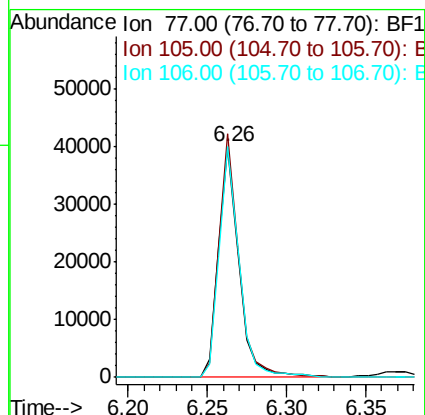
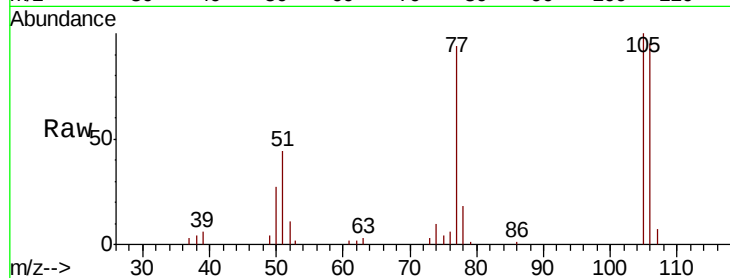
Tot Ion: 77 Resp: 35702

Ion Ratio Lower Upper

77 100

105 105.8 80.8 120.8

106 100.4 79.4 119.4



#10

Phenol

Concen: 45.445 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

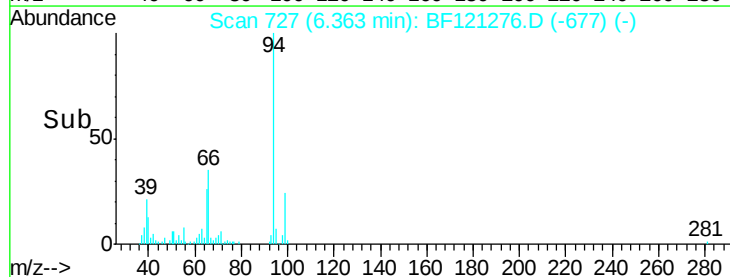
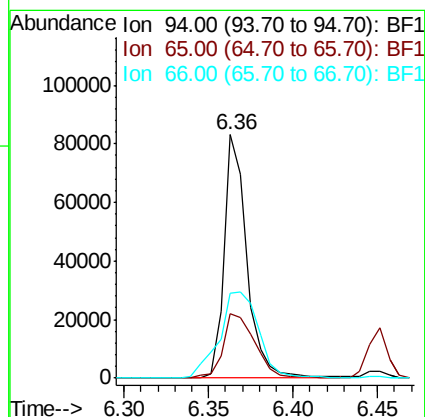
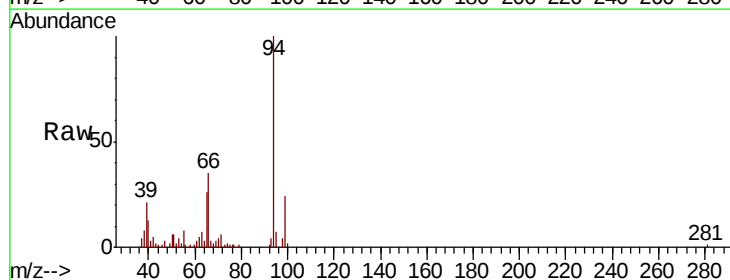
Tgt Ion: 94 Resp: 78137

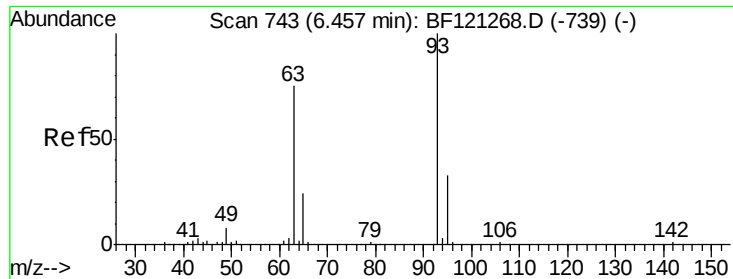
Ion Ratio Lower Upper

94 100

65 26.4 13.0 53.0

66 35.0 26.1 66.1

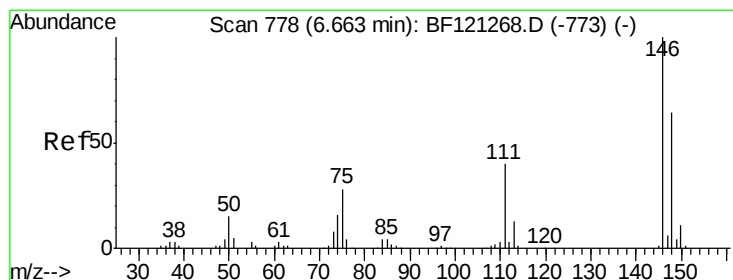
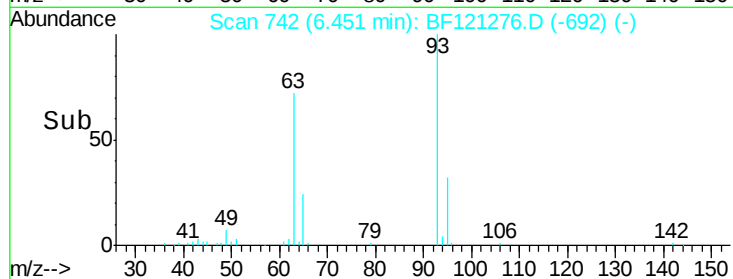
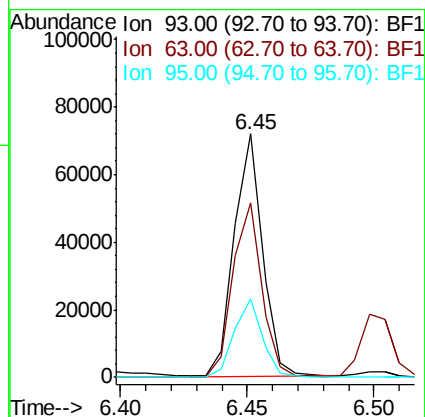
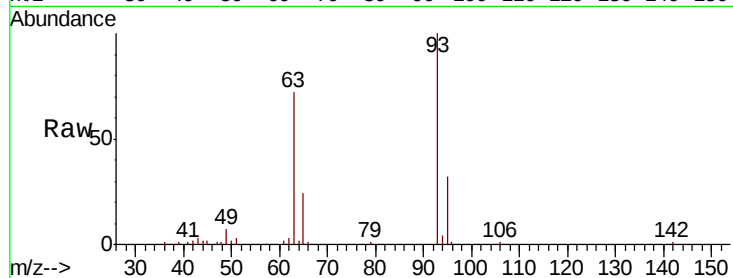




#11
bis(2-Chloroethyl)ether
Concen: 44.921 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

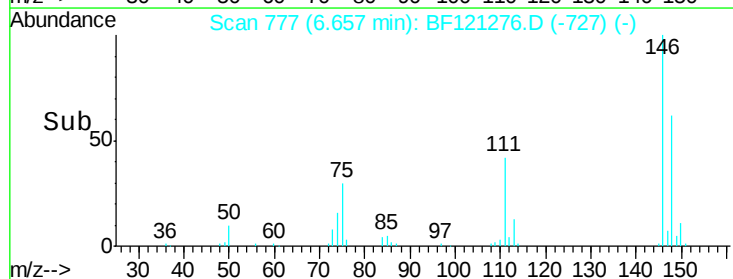
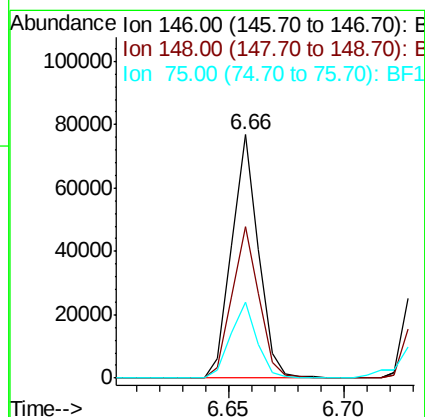
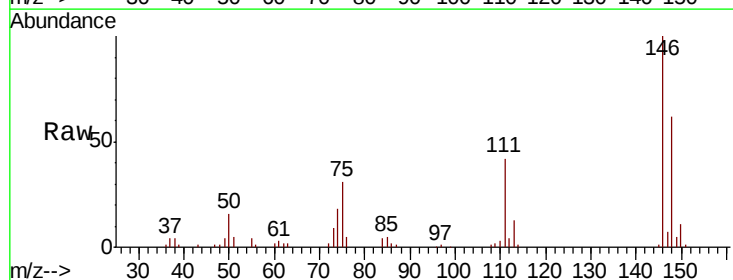
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

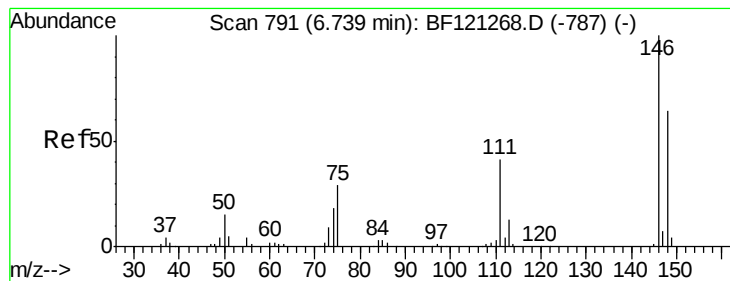
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	51.2	91.2
95	32.2	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 43.394 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.3	76.9
75	31.2	22.5	33.7





#13

1,4-Dichlorobenzene

Concen: 43.367 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

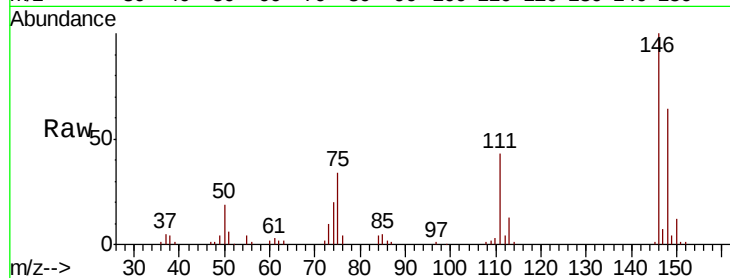
Tot Ion:146 Resp: 62640

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

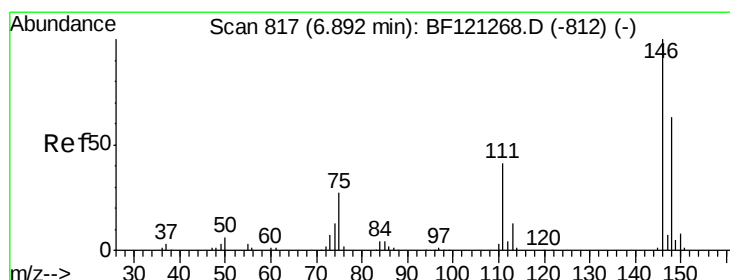
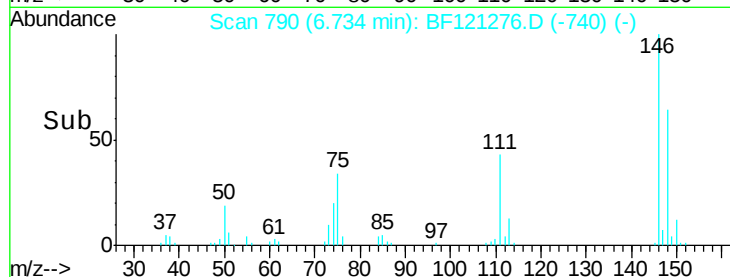
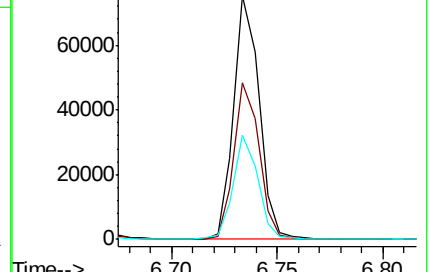
111 42.7 32.2 48.4



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: 44.762 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

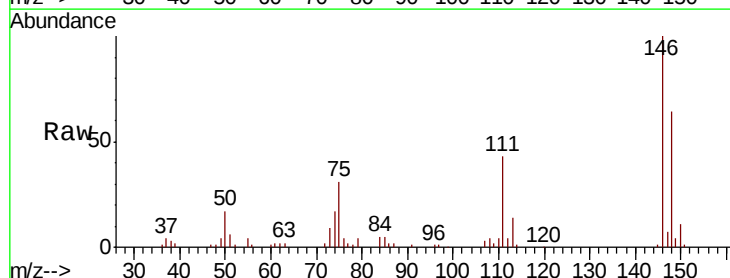
Tgt Ion:146 Resp: 61020

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

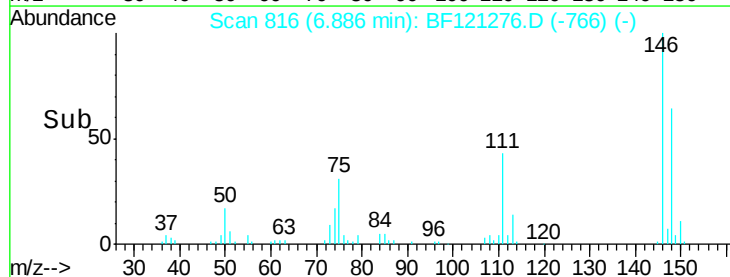
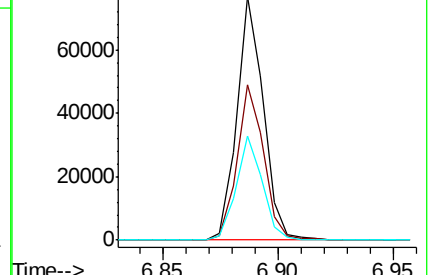
111 42.9 34.2 51.4

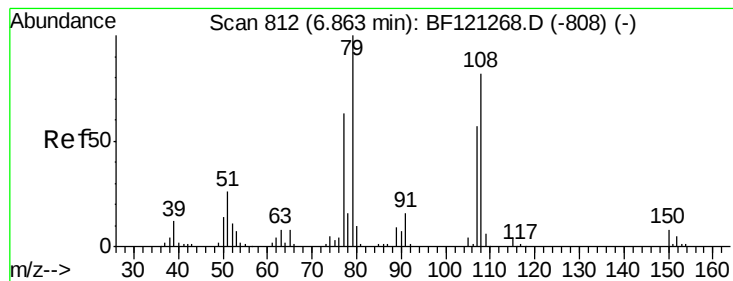


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.304 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

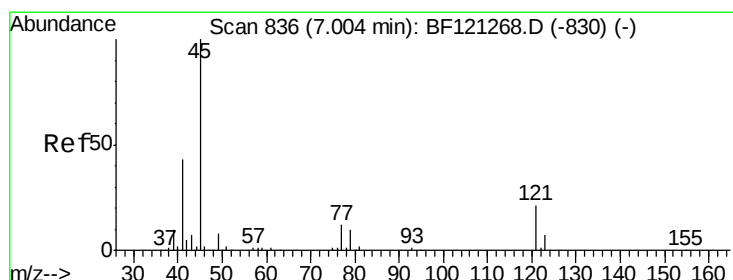
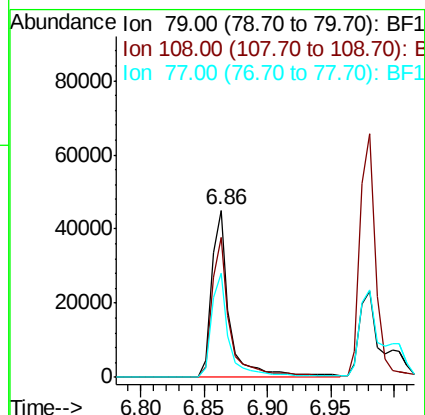
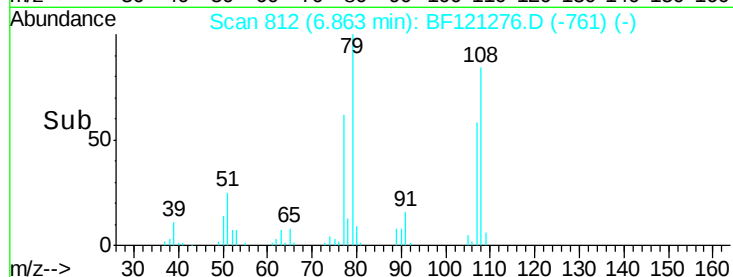
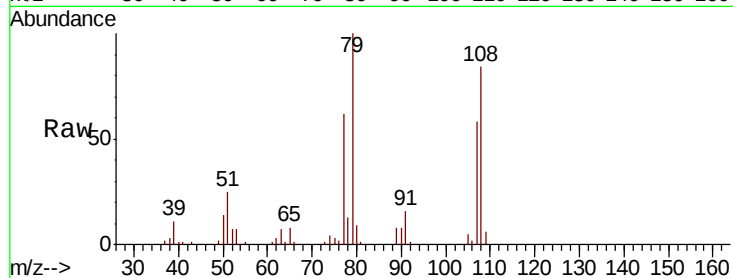
Tot Ion: 79 Resp: 44915

Ion Ratio Lower Upper

79 100

108 84.1 67.4 101.0

77 62.5 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.296 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

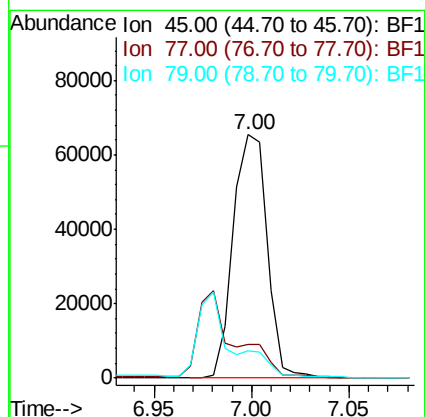
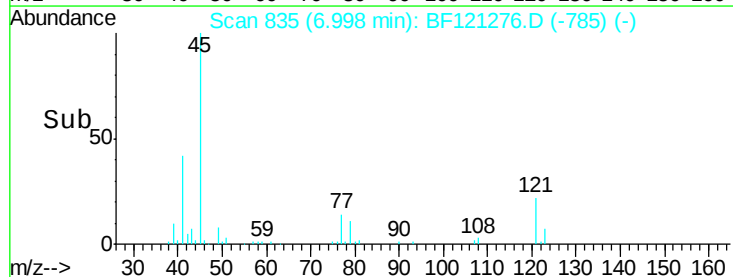
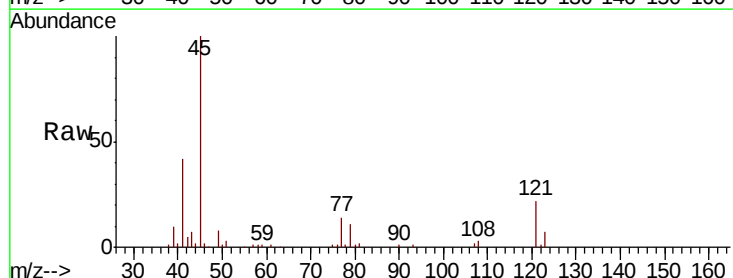
Tgt Ion: 45 Resp: 79162

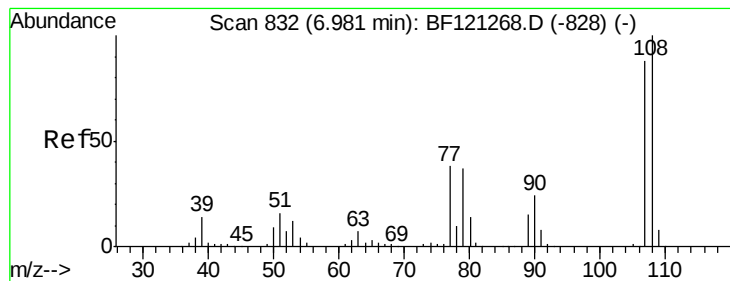
Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.1

79 11.3 0.0 32.0





#17

2-Methylphenol

Concen: 45.565 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion:107 Resp: 48678

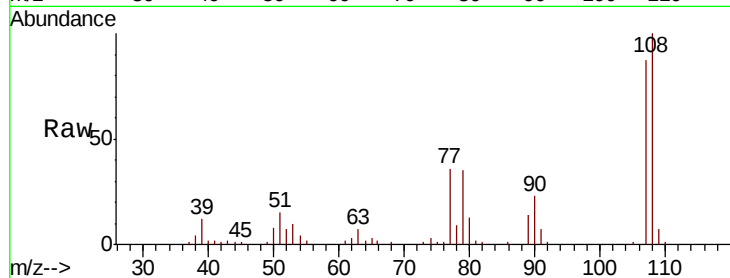
Ion Ratio Lower Upper

107 100

108 114.7 92.6 138.8

77 41.2 35.0 52.6

79 40.5 33.4 50.2

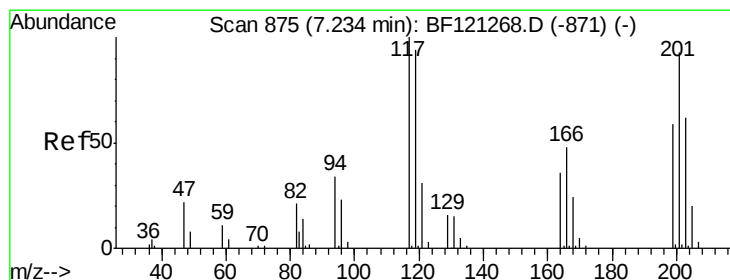
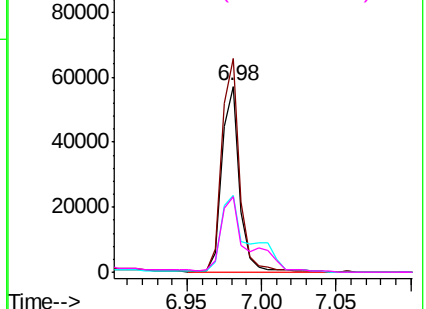
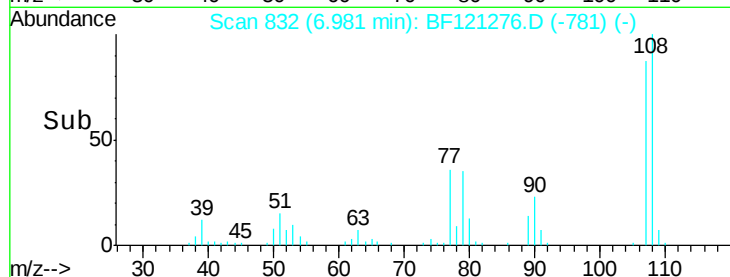


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.687 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

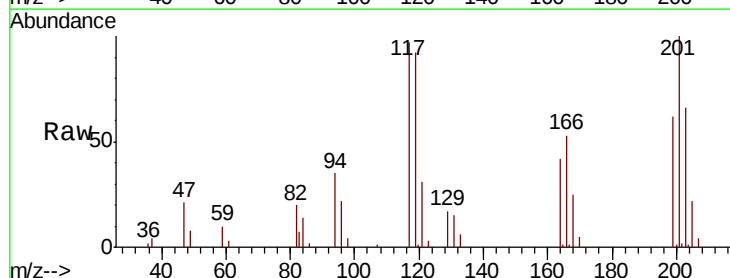
Tgt Ion:117 Resp: 22315

Ion Ratio Lower Upper

117 100

119 95.7 76.2 114.2

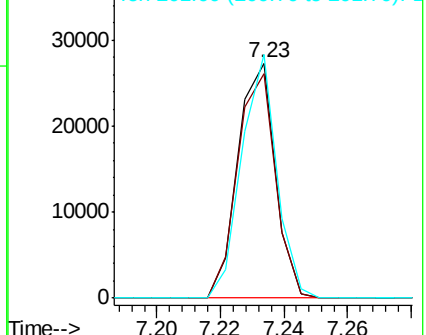
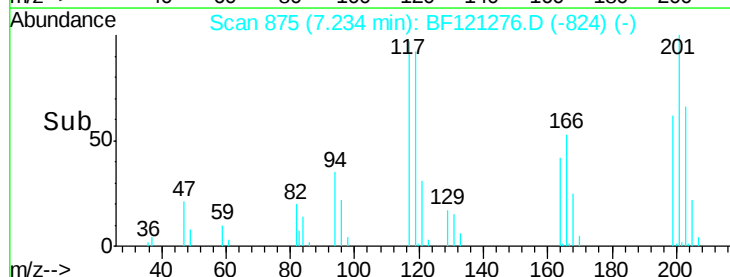
201 103.6 74.8 112.2

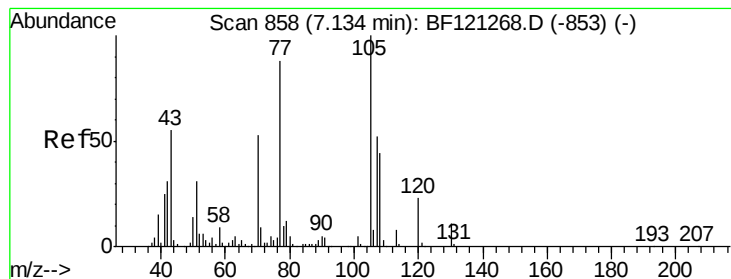


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.650 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion: 70 Resp: 38440

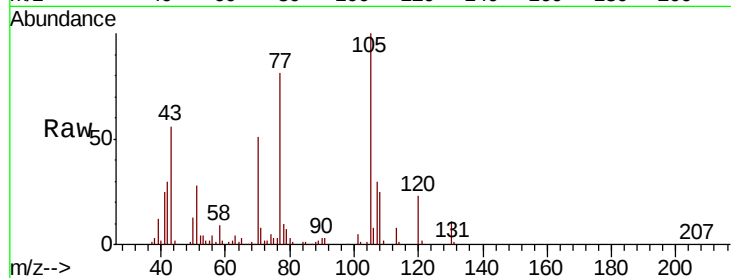
Ion Ratio Lower Upper

70 100

42 59.4 45.6 68.4

101 10.1 7.8 11.8

130 21.8 18.2 27.2

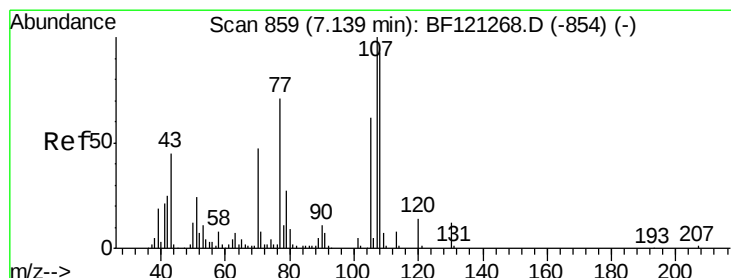
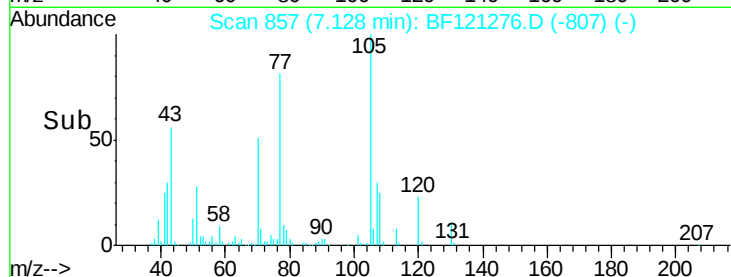
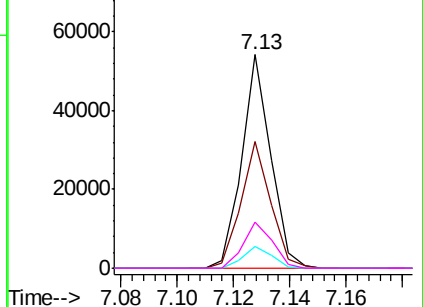


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 45.778 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Tgt Ion:107 Resp: 62049

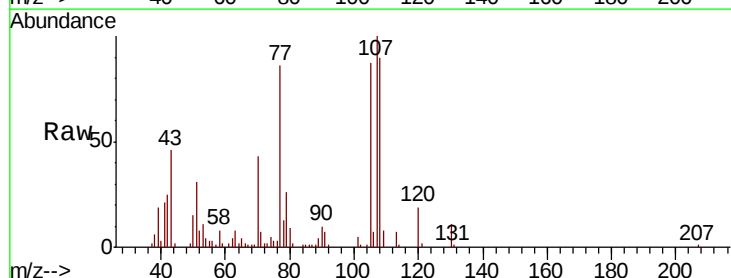
Ion Ratio Lower Upper

107 100

108 89.8 66.5 106.5

77 86.0 94.4 134.4#

79 26.2 6.0 46.0

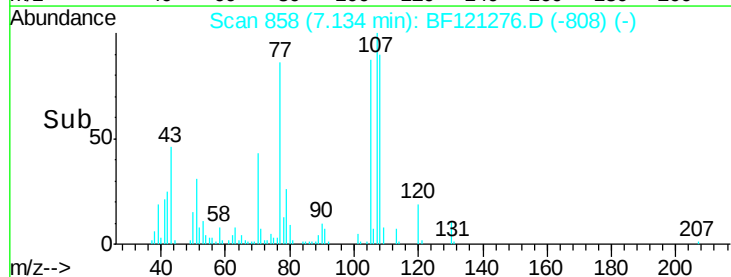
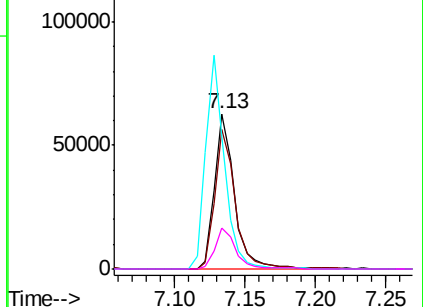


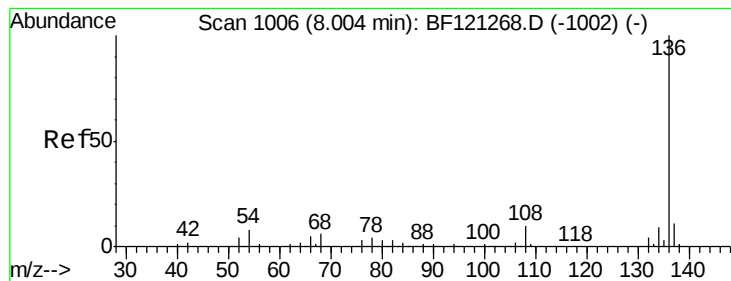
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

Tot Ion:136 Resp: 76040

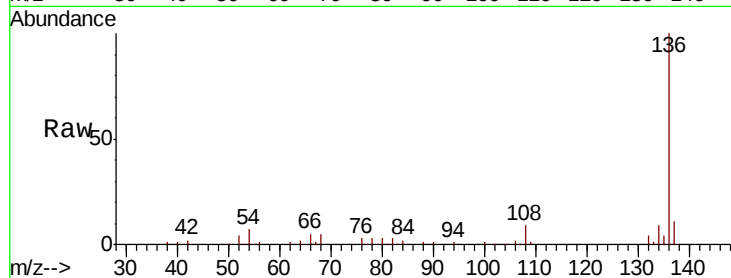
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.8 5.3 7.9

68 5.4 4.2 6.2

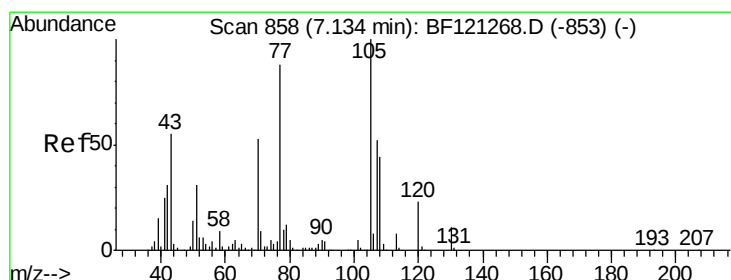
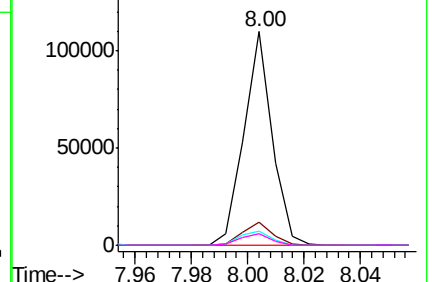
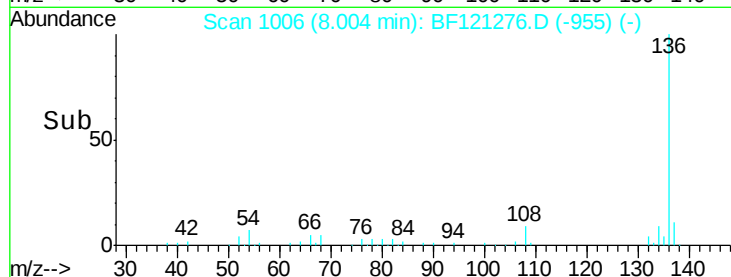


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.181 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Tgt Ion:105 Resp: 84571

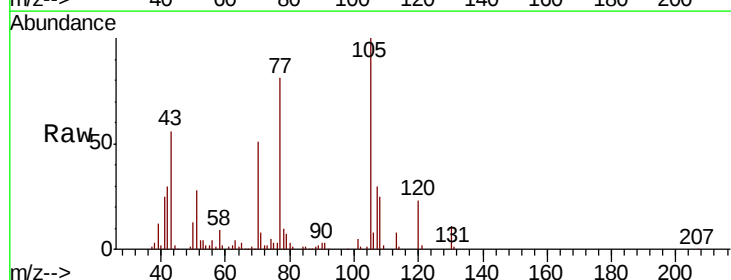
Ion Ratio Lower Upper

105 100

71 8.0 4.6 7.0#

51 28.1 24.2 36.2

120 22.5 17.8 26.6

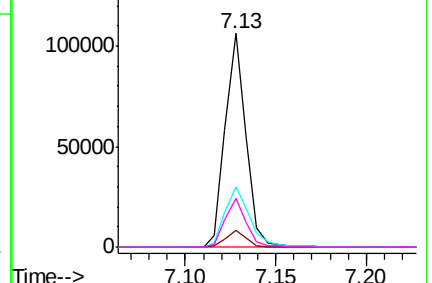
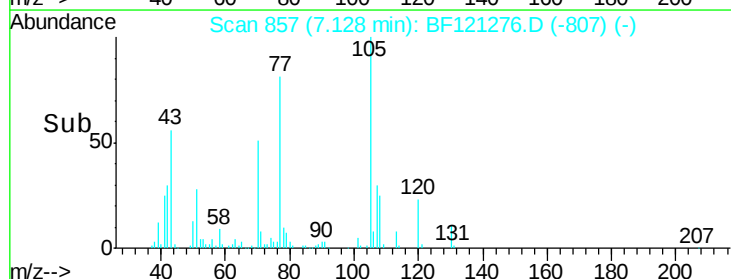


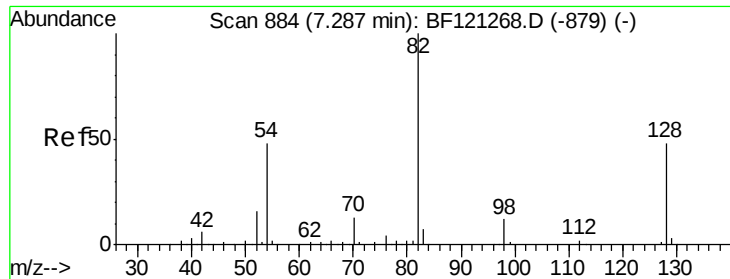
Abundance Ion 105.00 (104.70 to 105.70): E

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

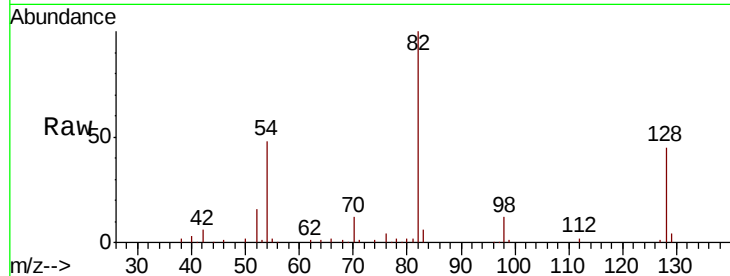




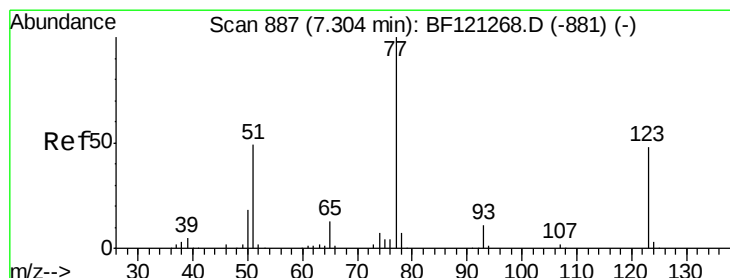
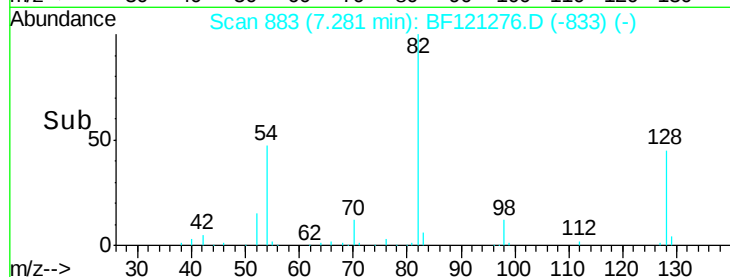
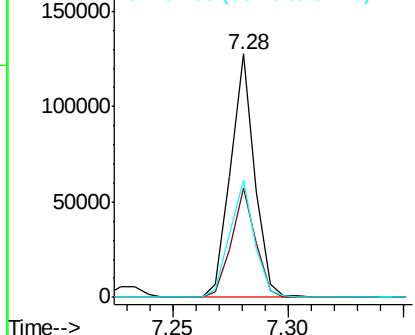
#23
 Nitrobenzene-d5
 Concen: 66.418 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	82	Resp	92409
Ion Ratio	Lower	Upper	
82	100		
128	45.1	39.8	59.8
54	47.8	37.7	56.5

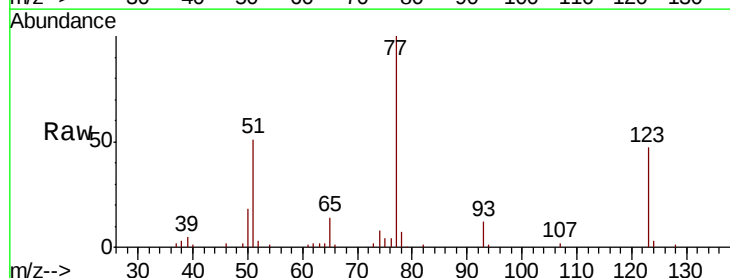


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

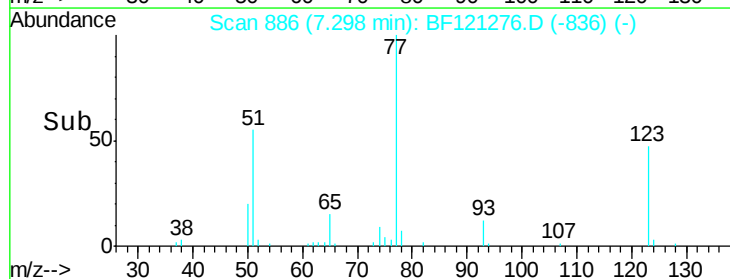
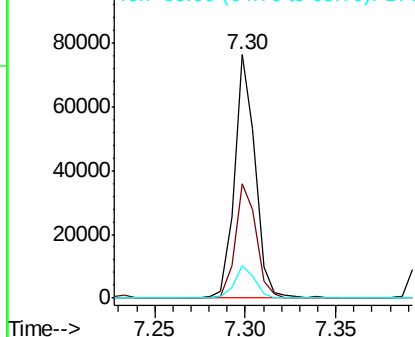


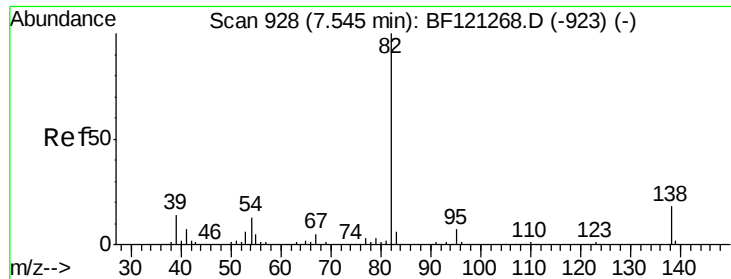
#24
 Nitrobenzene
 Concen: 39.890 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion	77	Resp	60222
Ion Ratio	Lower	Upper	
77	100		
123	47.2	42.0	63.0
65	13.6	10.4	15.6



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





#25

Isophorone

Concen: 39.347 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

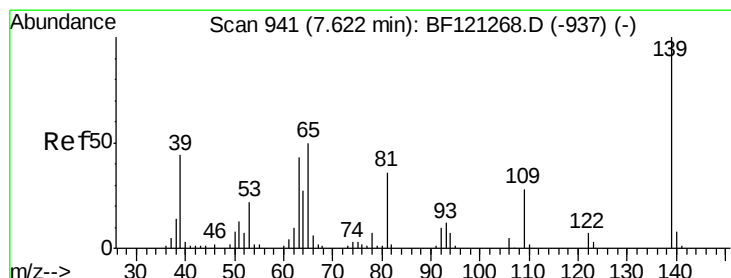
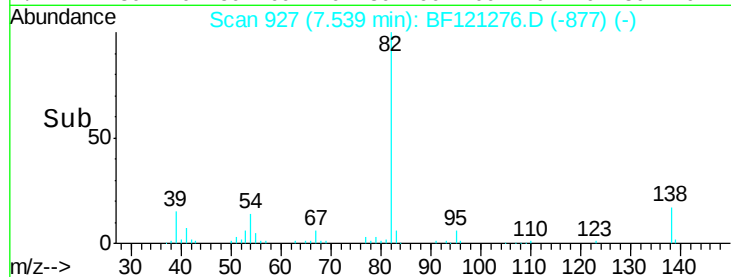
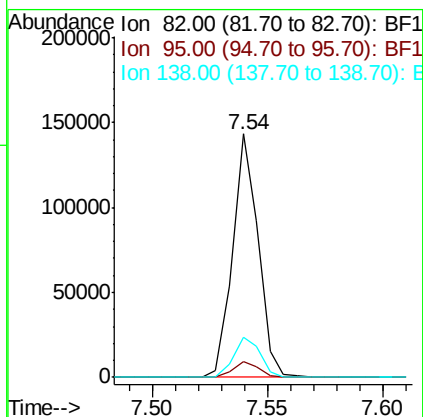
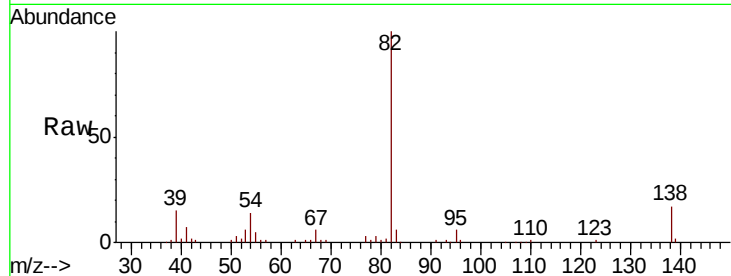
Tot Ion: 82 Resp: 109913

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 16.5 16.0 24.0



#26

2-Nitrophenol

Concen: 39.203 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

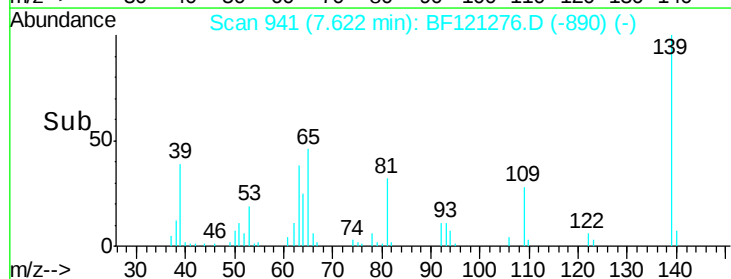
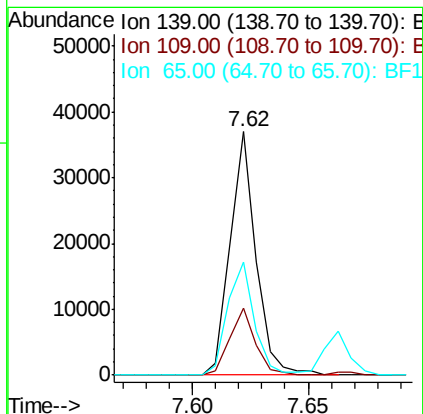
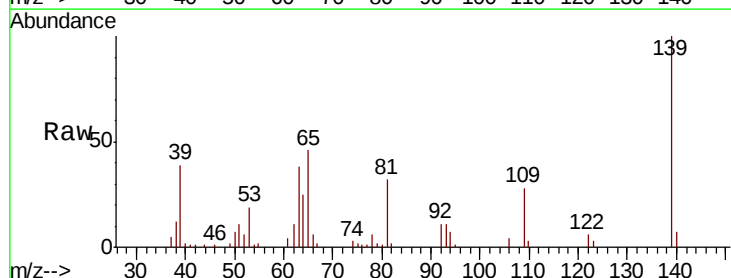
Tgt Ion: 139 Resp: 28676

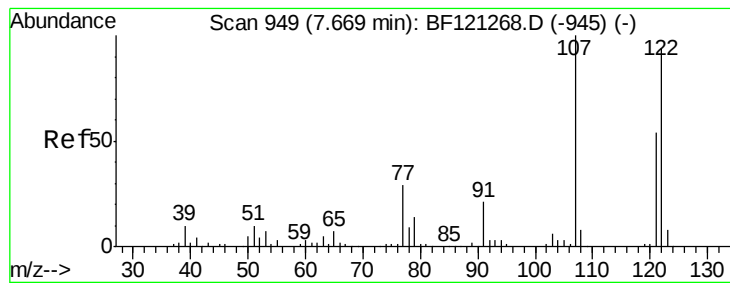
Ion Ratio Lower Upper

139 100

109 27.6 20.6 31.0

65 46.2 35.1 52.7





#27

2,4-Dimethylphenol

Concen: 43.510 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

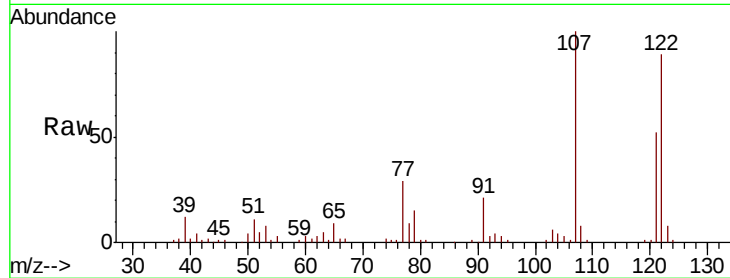
Tot Ion:122 Resp: 50994

Ion Ratio Lower Upper

122 100

107 112.6 89.0 133.4

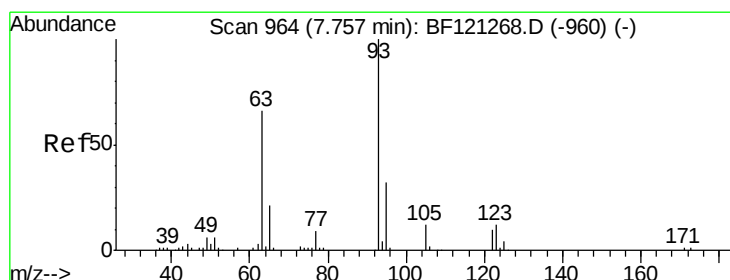
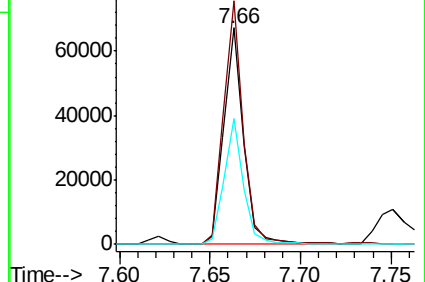
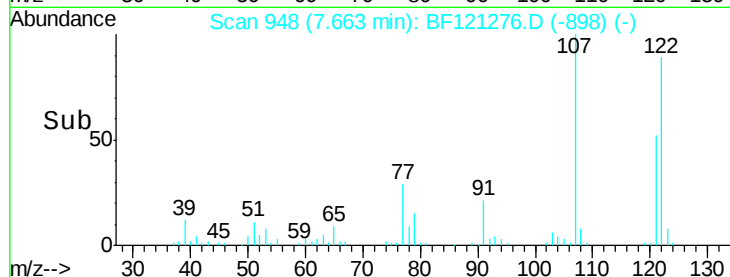
121 58.2 46.1 69.1



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: 44.011 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

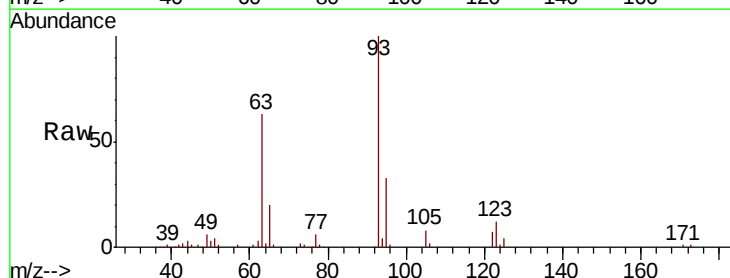
Tgt Ion: 93 Resp: 68765

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

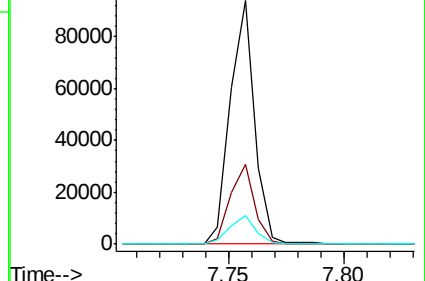
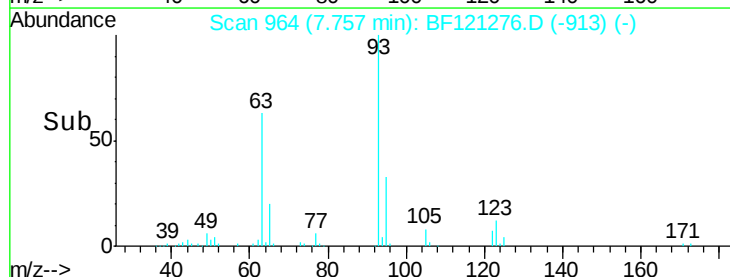
123 11.9 9.6 14.4

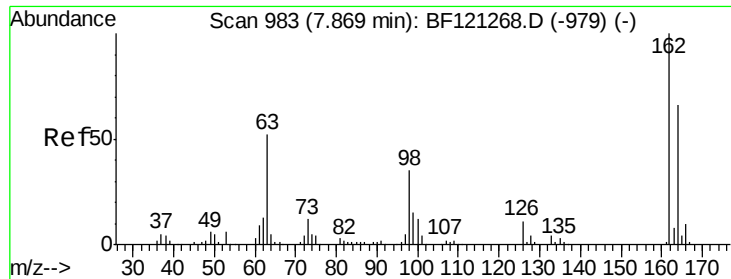


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

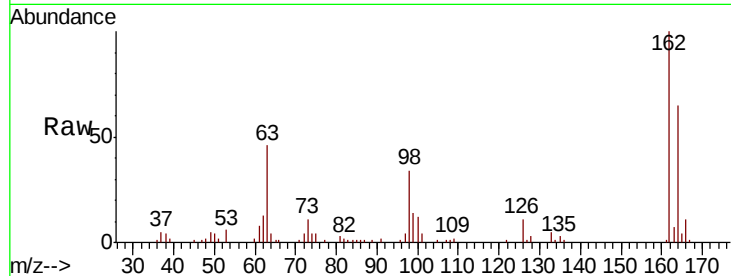




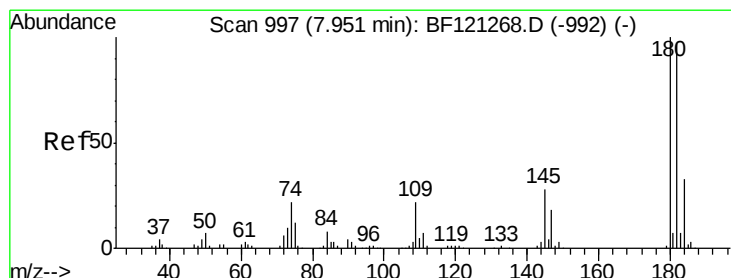
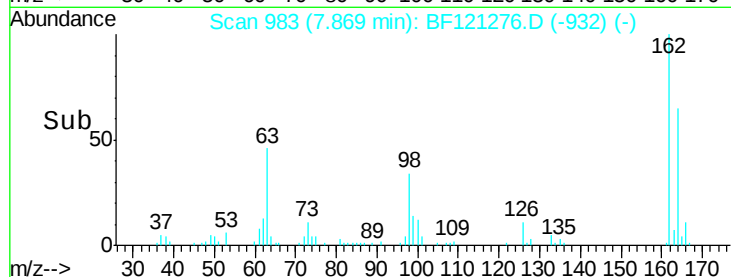
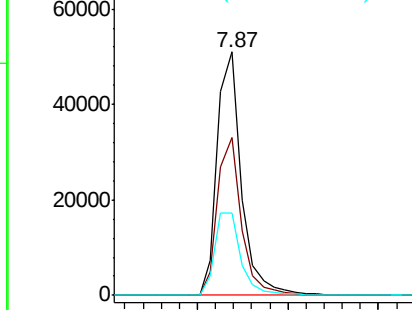
#29
 2,4-Dichlorophenol
 Concen: 39.564 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.4	83.4
98	33.8	18.1	58.1

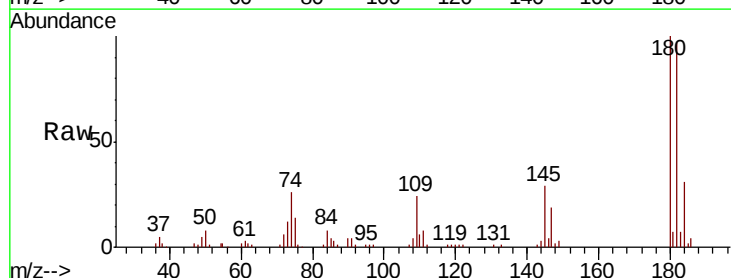


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

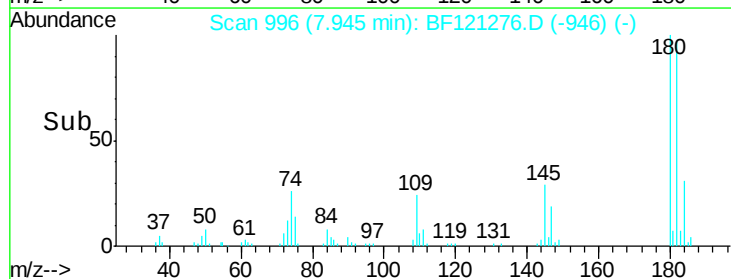
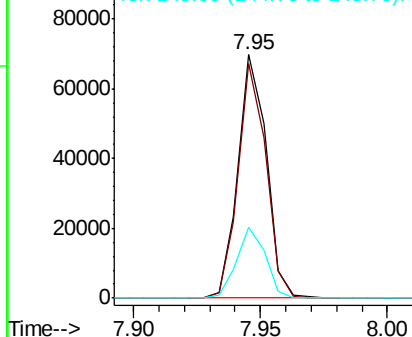


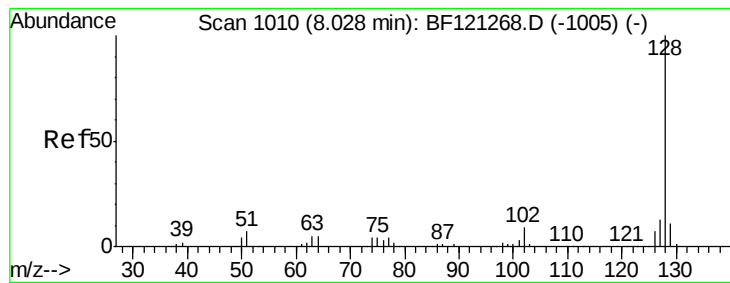
#30
 1,2,4-Trichlorobenzene
 Concen: 41.007 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.3	114.5
145	29.3	23.6	35.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.424 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

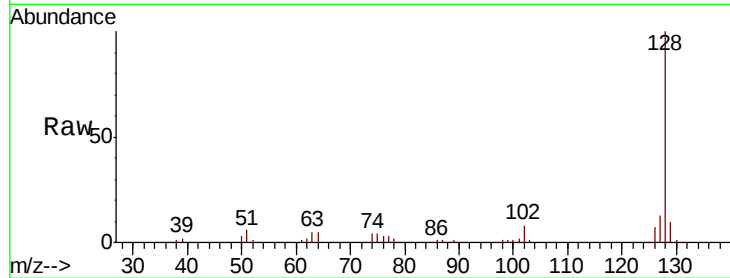
Tot Ion:128 Resp: 177212

Ion Ratio Lower Upper

128 100

129 10.2 9.3 13.9

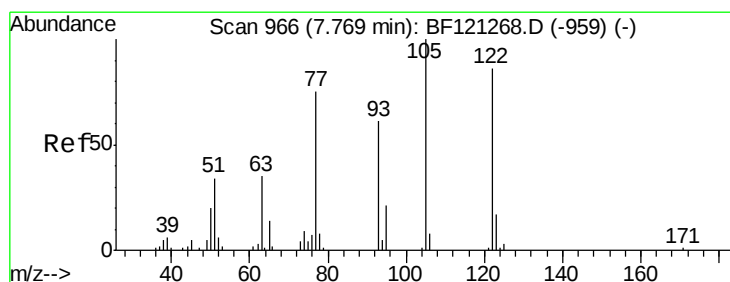
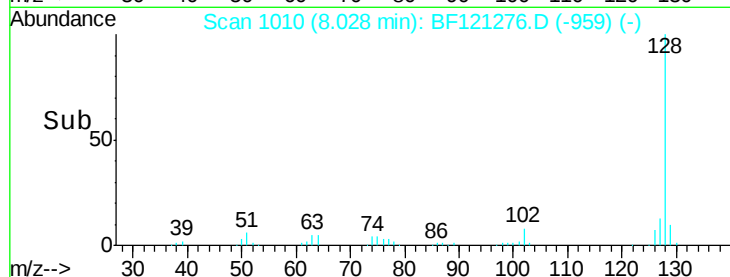
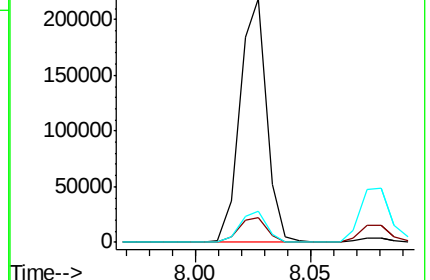
127 12.6 10.6 16.0



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: 32.898 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

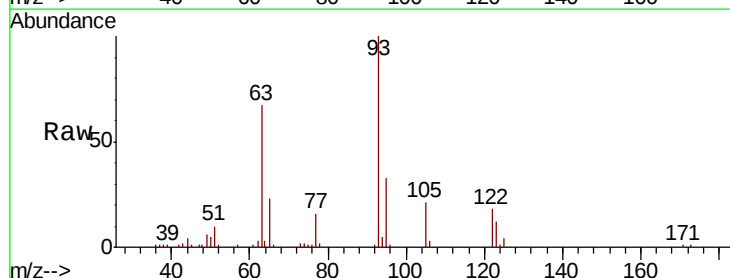
Tgt Ion:122 Resp: 19494

Ion Ratio Lower Upper

122 100

105 112.2 101.3 141.3

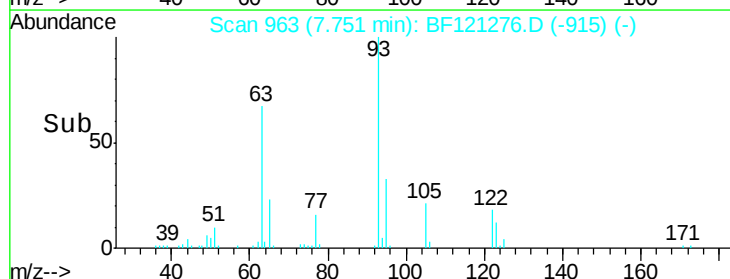
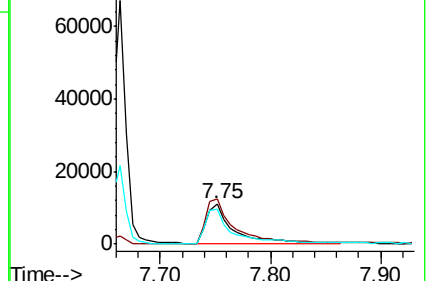
77 87.3 68.5 108.5

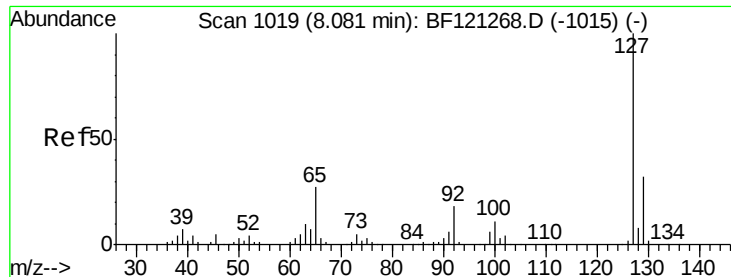


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

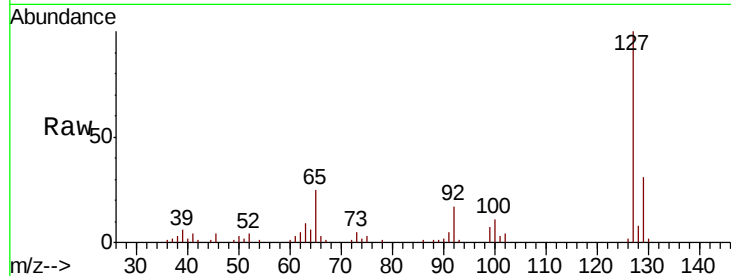




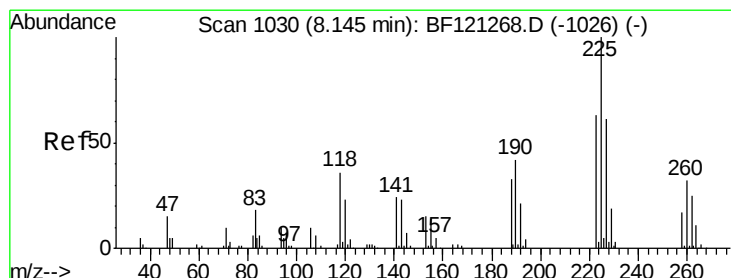
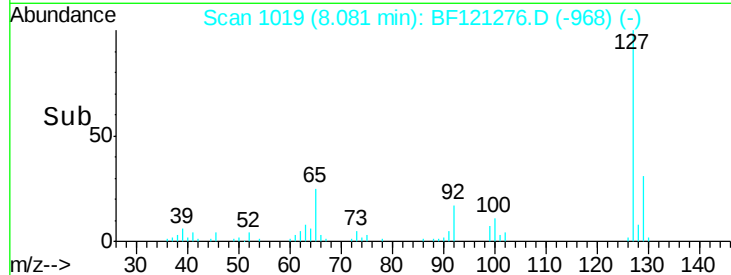
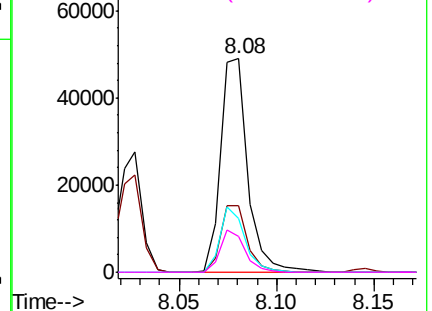
#33
4-Chloroaniline
Concen: 27.139 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:127	Resp:	47380
Ion Ratio	Lower	Upper
127	100	
129	31.2	25.8 38.8
65	25.3	23.5 35.3
92	16.5	14.5 21.7

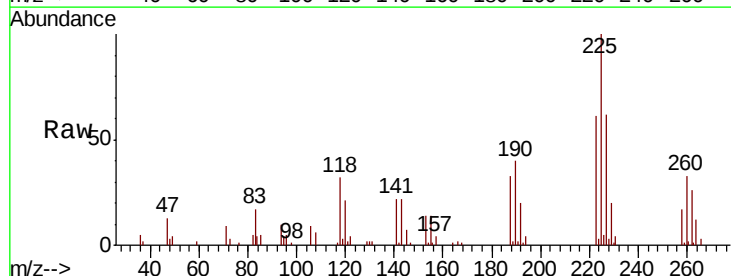


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

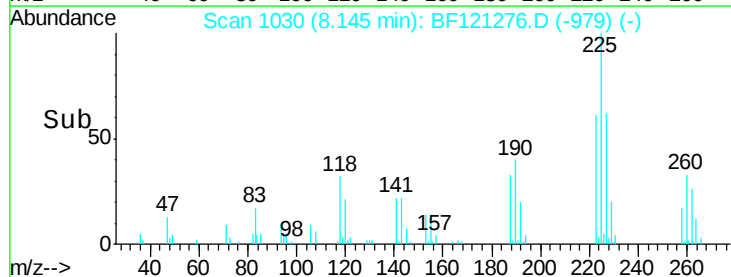
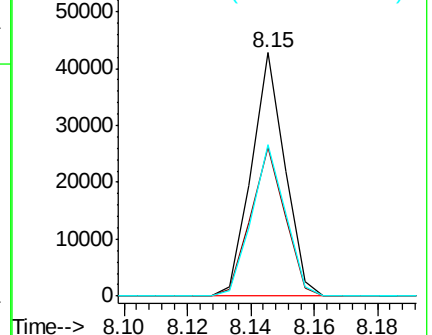


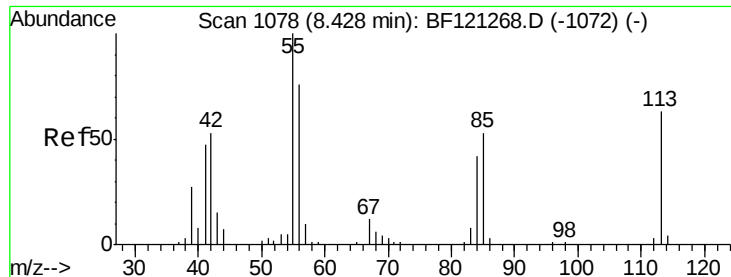
#34
Hexachlorobutadiene
Concen: 38.856 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion:225	Resp:	31098
Ion Ratio	Lower	Upper
225	100	
223	61.0	49.8 74.8
227	62.2	51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

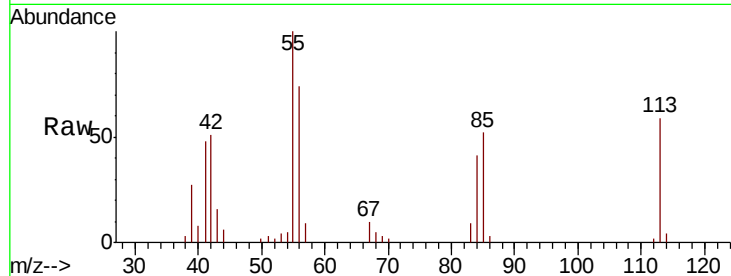




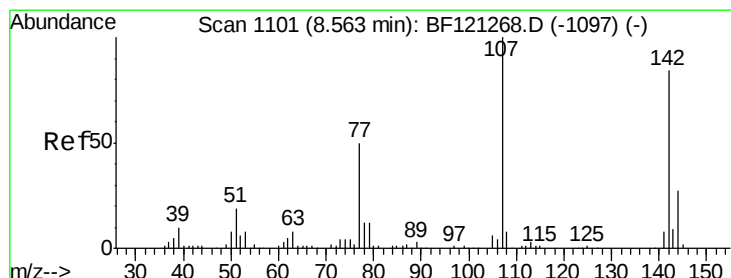
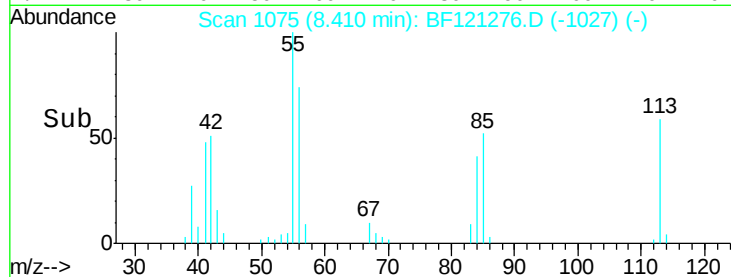
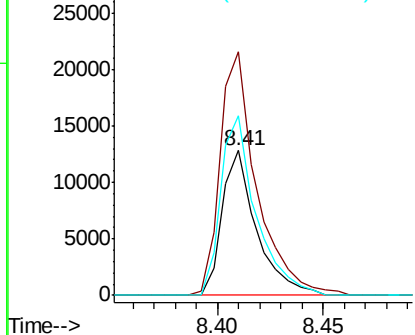
#35
 Caprolactam
 Concen: 40.095 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:113 Resp: 14474
 Ion Ratio Lower Upper
 113 100
 55 168.4 151.9 191.9
 56 124.2 106.0 146.0

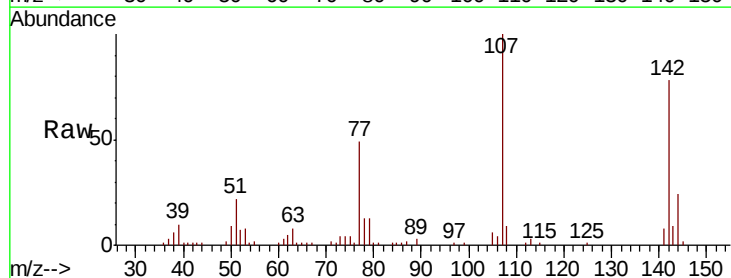


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

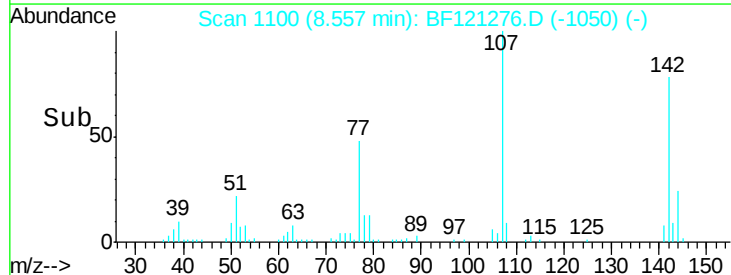
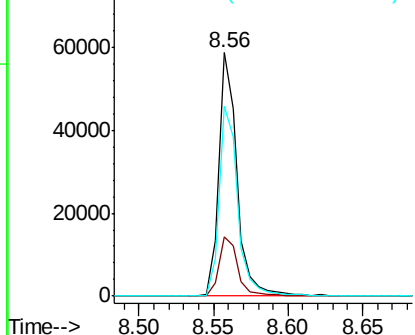


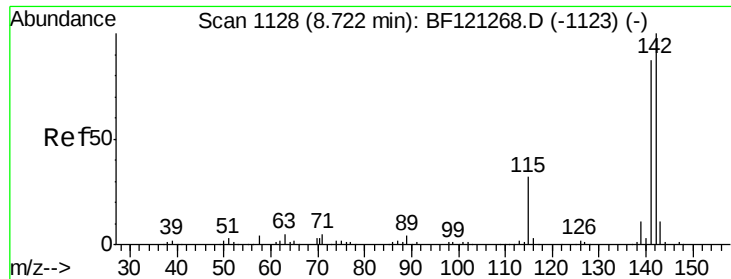
#36
 4-Chloro-3-methylphenol
 Concen: 41.001 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:107 Resp: 50135
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.4 30.6
 142 77.8 63.5 95.3



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

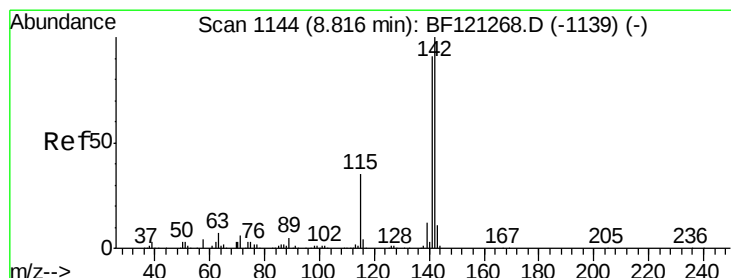
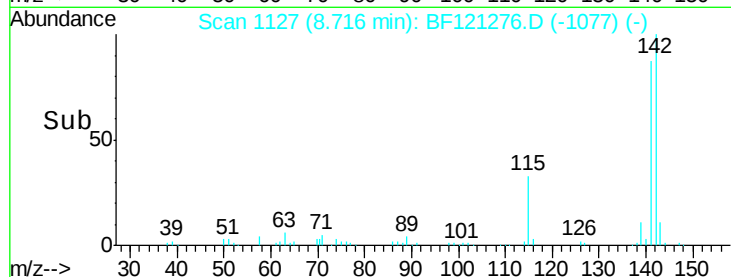
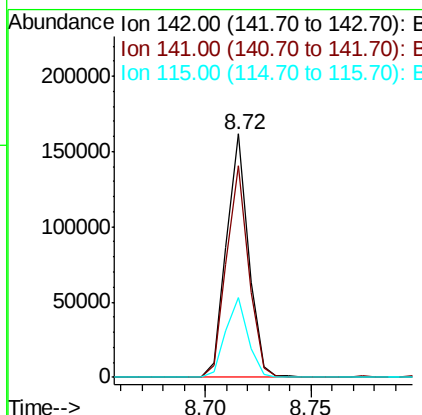
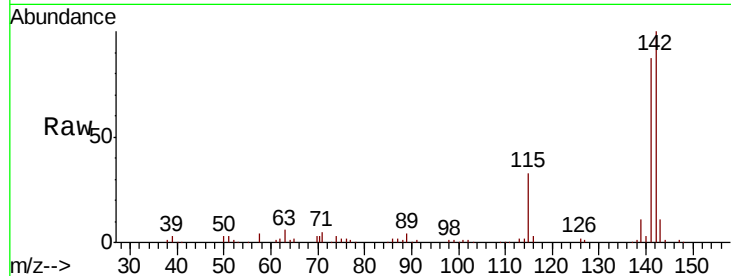




#37
2-Methylnaphthalene
Concen: 41.455 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

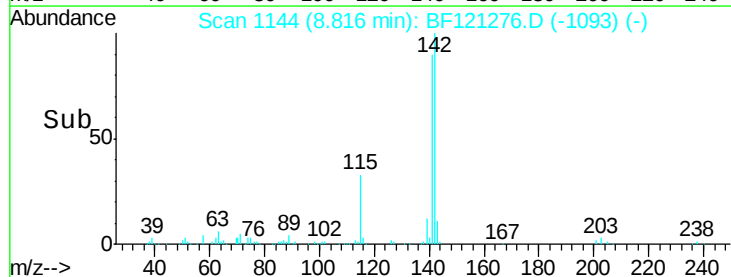
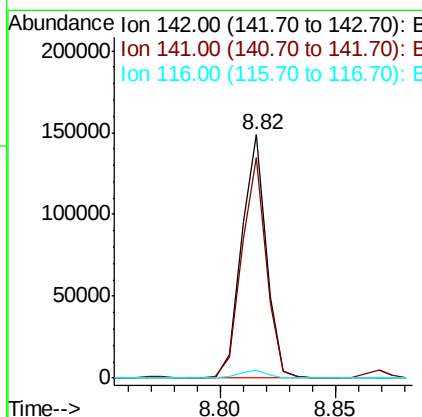
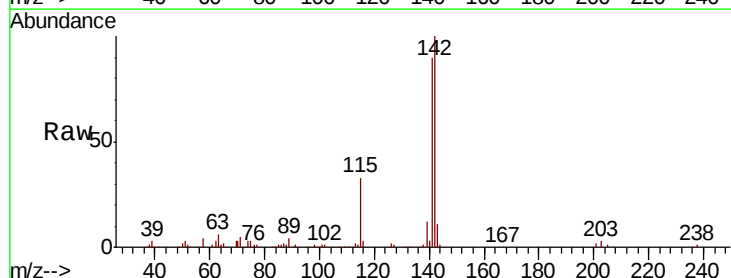
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

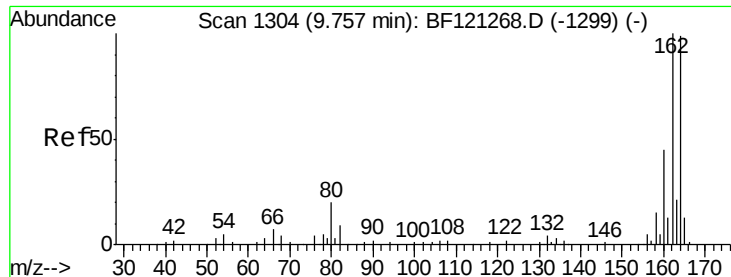
Tot Ion:142 Resp: 116701
Ion Ratio Lower Upper
142 100
141 86.9 71.3 106.9
115 32.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 41.575 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion:142 Resp: 110818
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4
116 3.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

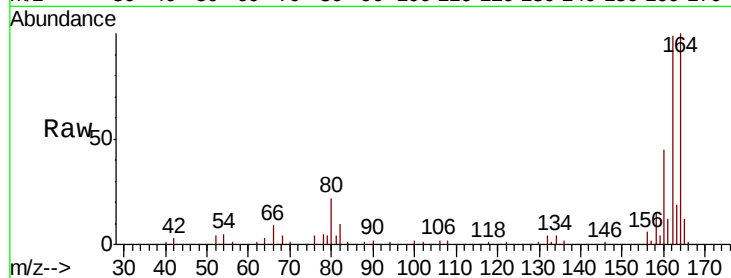
Tot Ion:164 Resp: 39582

Ion Ratio Lower Upper

164 100

162 99.5 81.2 121.8

160 44.8 36.9 55.3

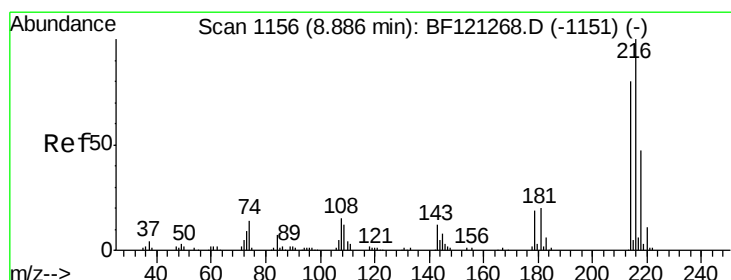
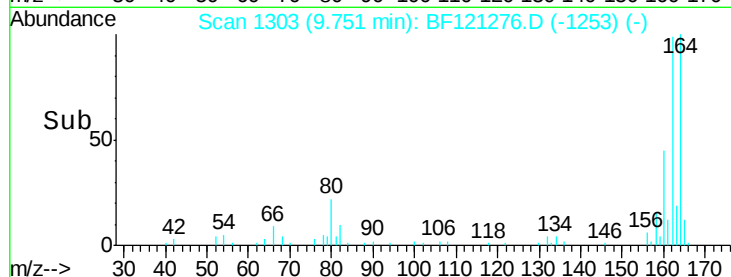
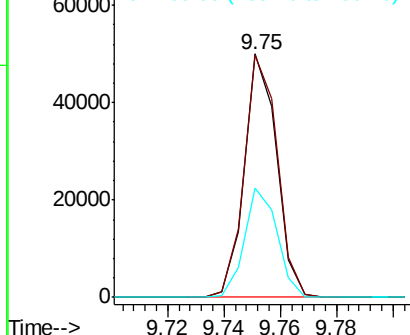


Abundance

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: 40.843 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Tgt Ion:216 Resp: 54169

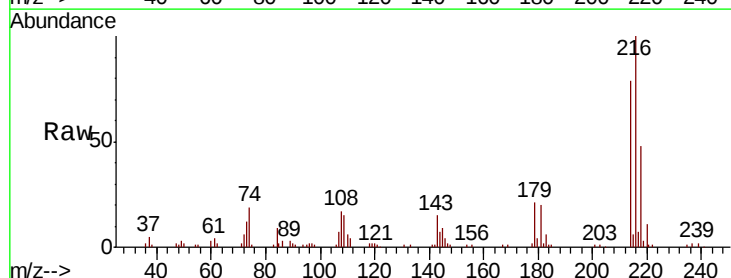
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.4 16.1 24.1

108 18.1 14.3 21.5



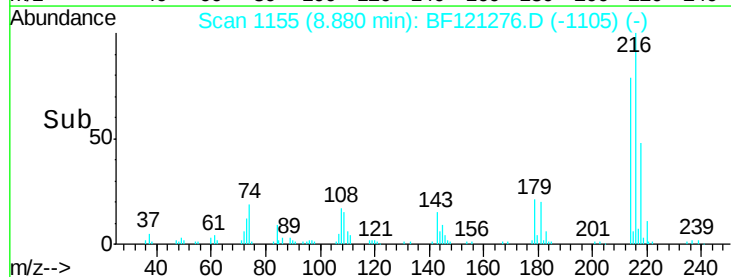
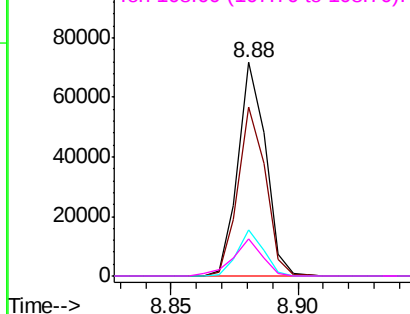
Abundance

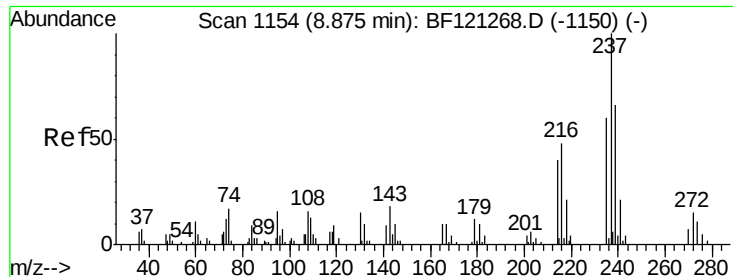
Ion 216.00 (215.70 to 216.70): E

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: 56.319 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

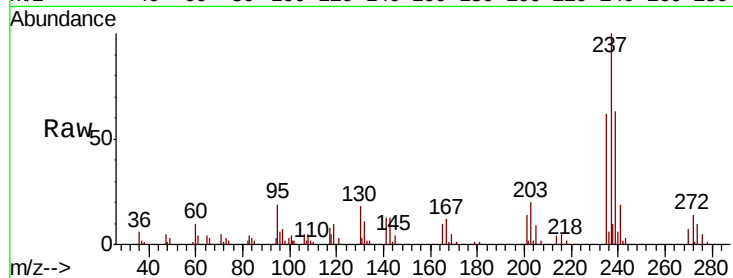
Tot Ion:237 Resp: 25723

Ion Ratio Lower Upper

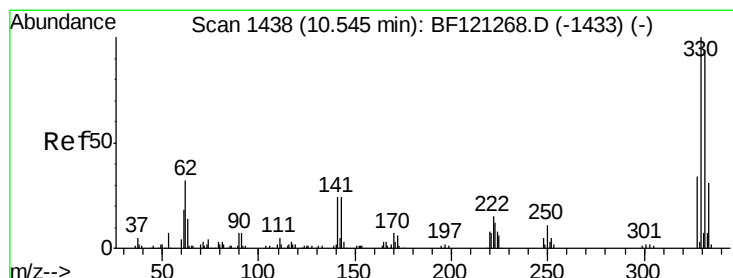
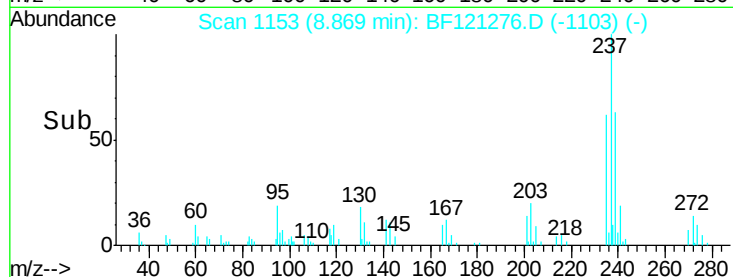
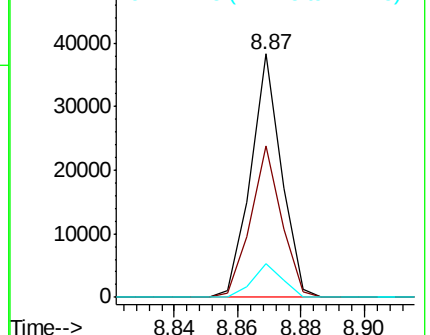
237 100

235 62.0 41.8 81.8

272 13.9 0.0 34.3



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: 91.354 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

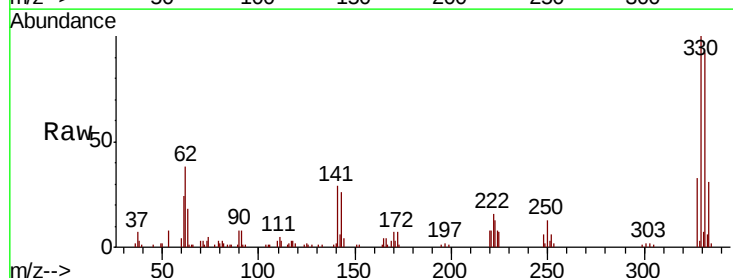
Tgt Ion:330 Resp: 44520

Ion Ratio Lower Upper

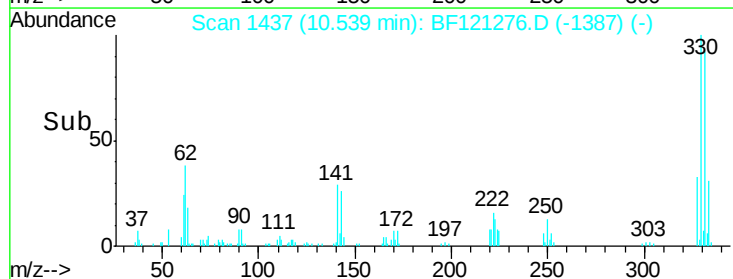
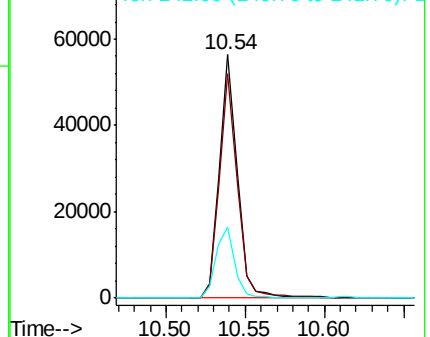
330 100

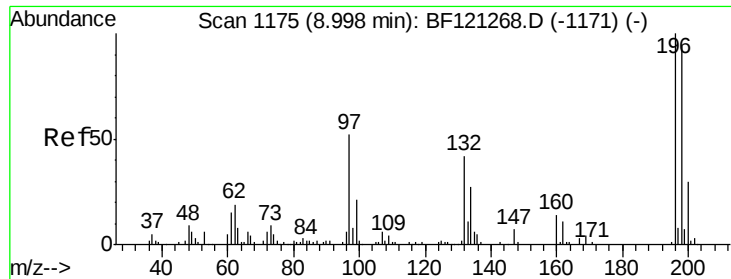
332 92.5 75.4 113.0

141 30.5 23.4 35.2



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

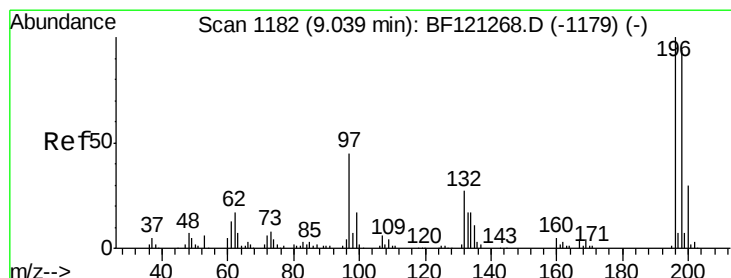
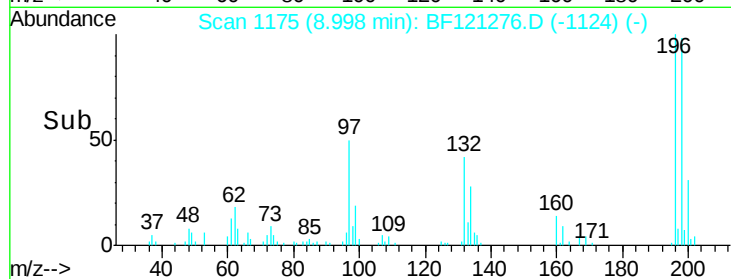
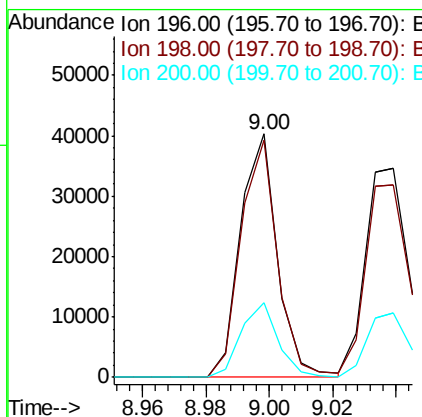
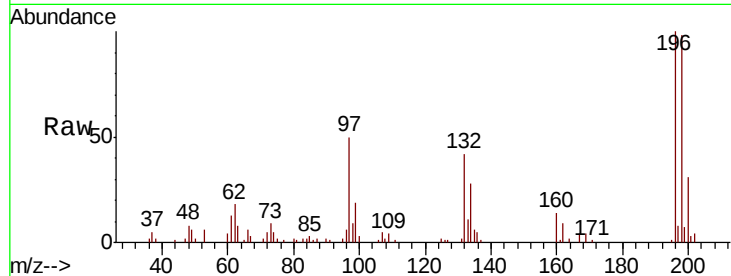




#43
 2,4,6-Trichlorophenol
 Concen: 38.495 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

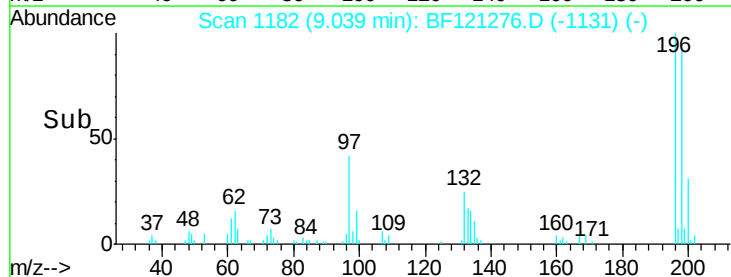
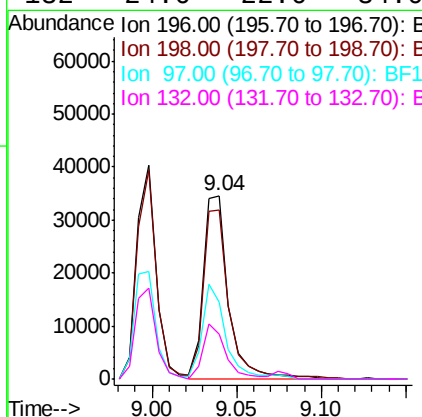
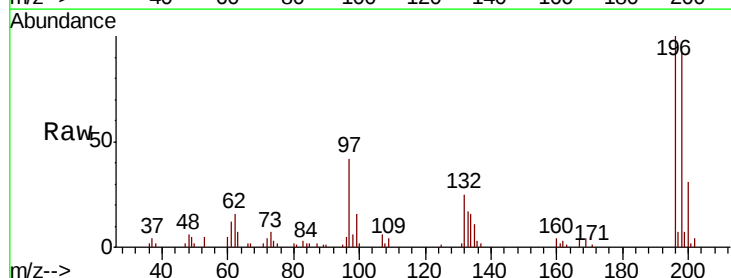
Instrument :
 BNA_F
 ClientSampled :
 SP1-3MS

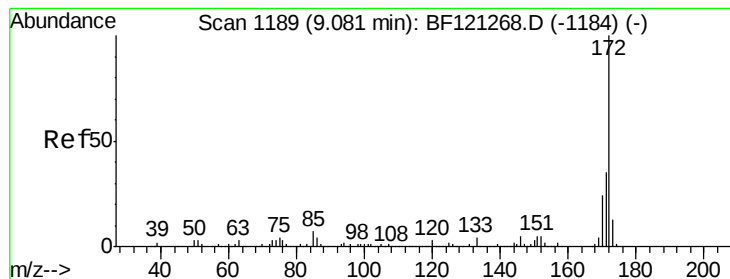
Tot Ion:196 Resp: 32470
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.3 114.5
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.310 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:196 Resp: 36014
 Ion Ratio Lower Upper
 196 100
 198 92.2 77.4 116.2
 97 41.9 38.8 58.2
 132 24.6 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 69.227 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

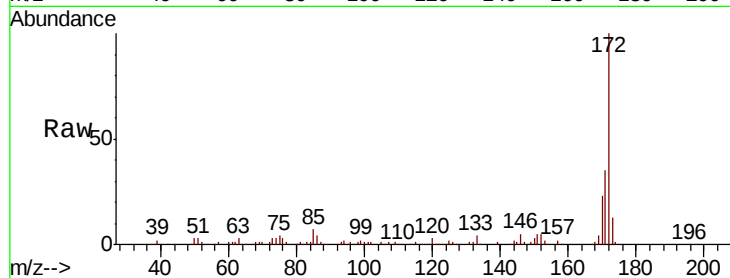
Tot Ion:172 Resp: 198088

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

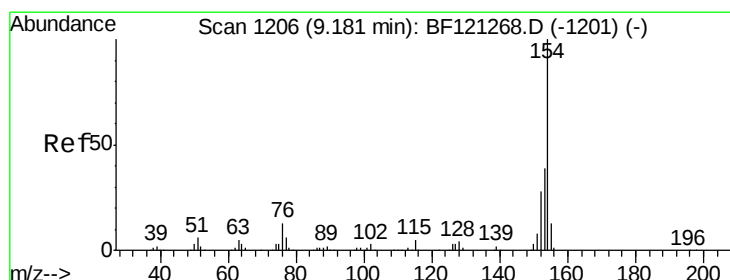
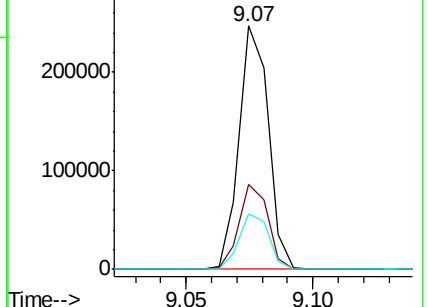
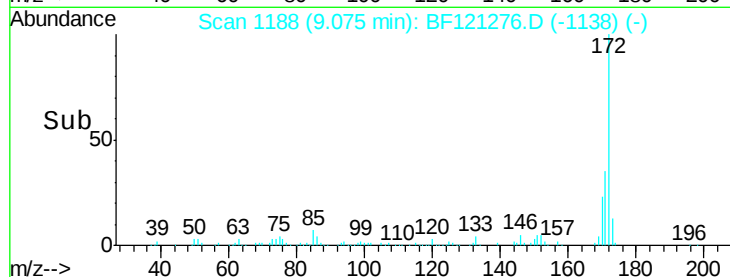
170 22.7 19.3 28.9



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: 41.787 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

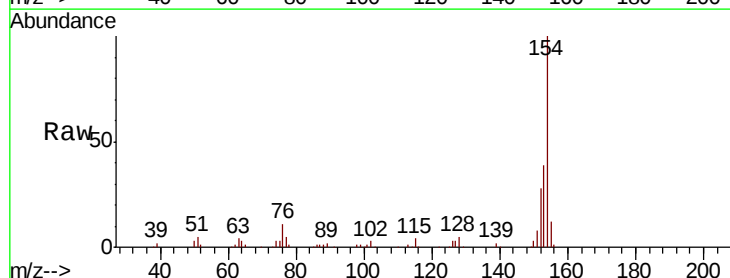
Tgt Ion:154 Resp: 142915

Ion Ratio Lower Upper

154 100

153 39.5 20.4 60.4

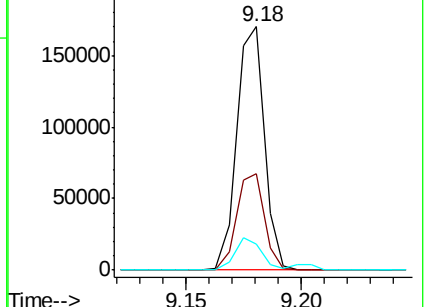
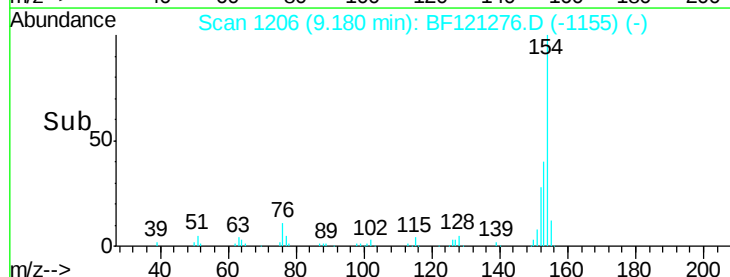
76 10.8 0.0 33.6

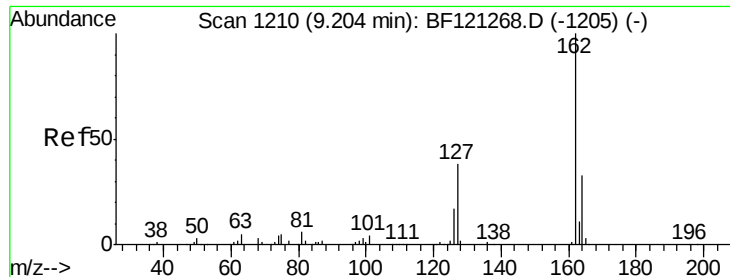


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

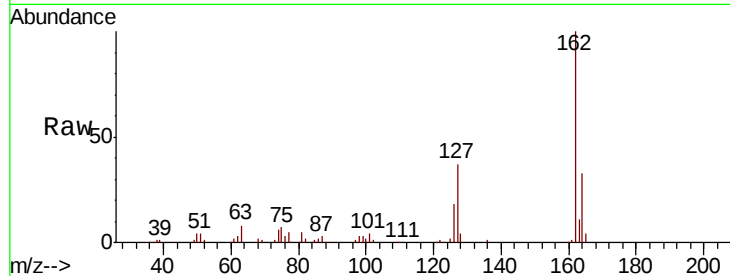




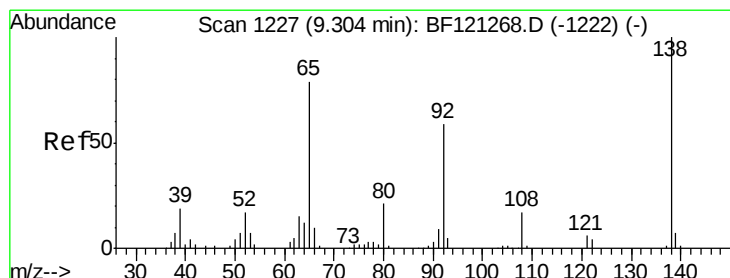
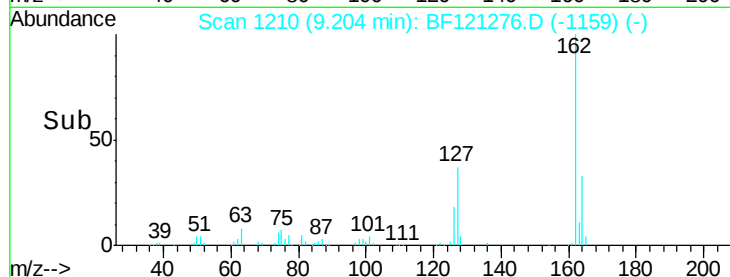
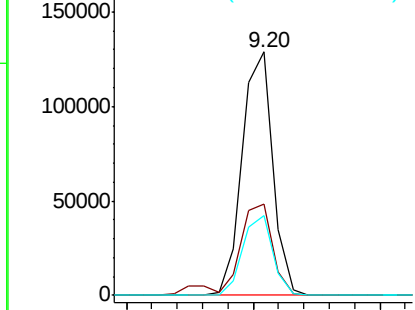
#47
2-Chloronaphthalene
Concen: 40.852 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	32.7	26.5	39.7

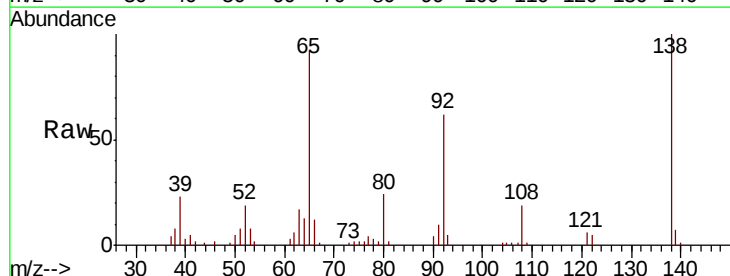


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

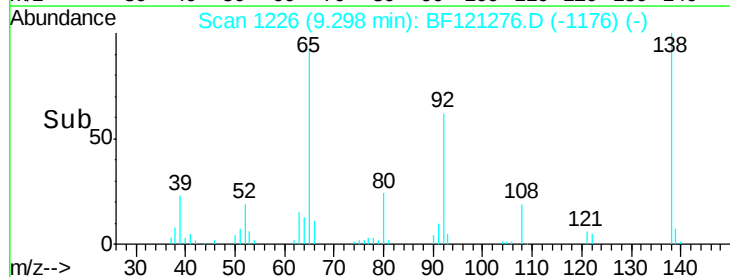
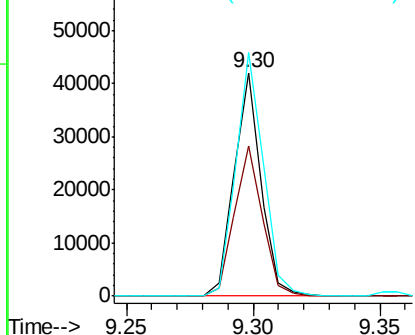


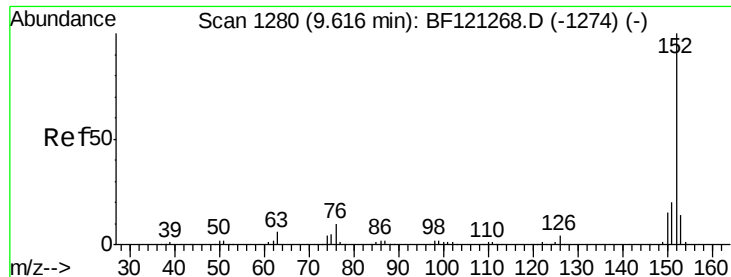
#48
2-Nitroaniline
Concen: 41.598 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	56.4	84.6
138	108.9	91.9	137.9



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: 41.951 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

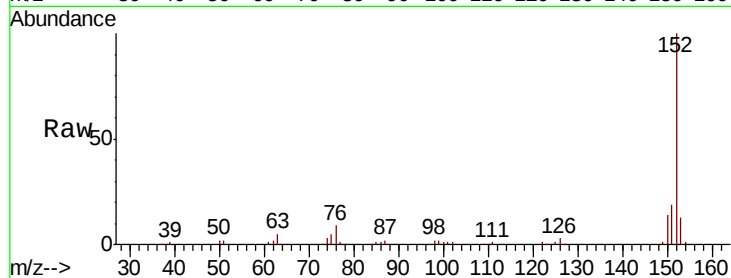
Tot Ion:152 Resp: 175419

Ion Ratio Lower Upper

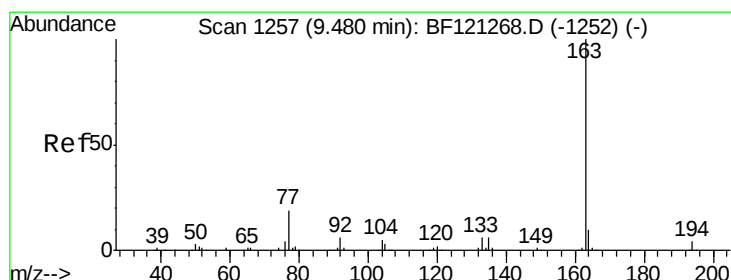
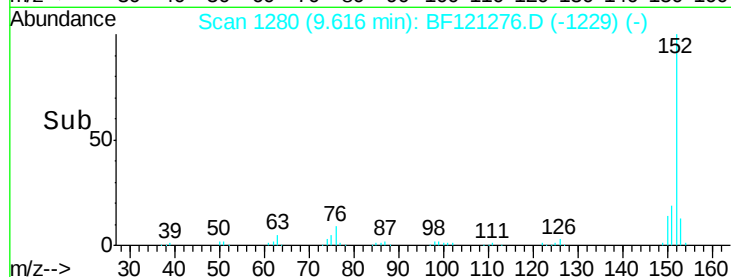
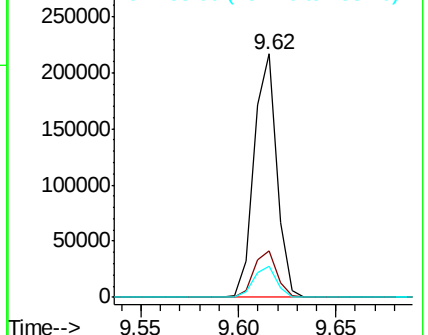
152 100

151 19.0 16.2 24.2

153 12.9 10.6 15.8



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: 48.964 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

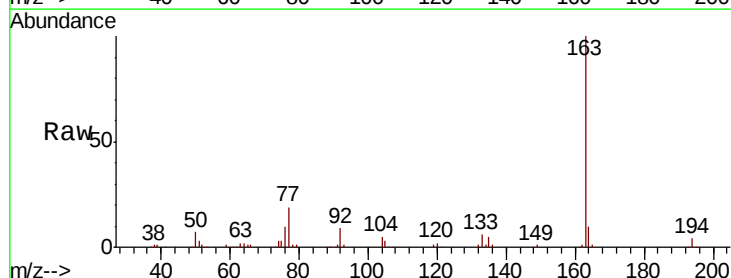
Tgt Ion:163 Resp: 145839

Ion Ratio Lower Upper

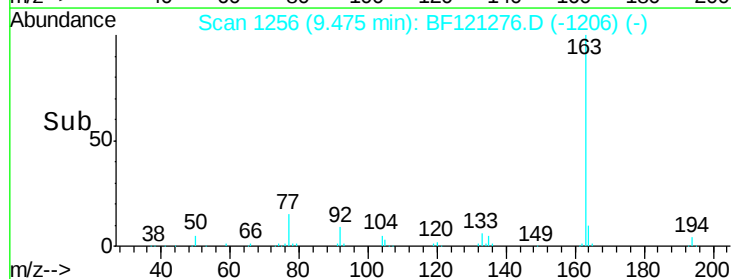
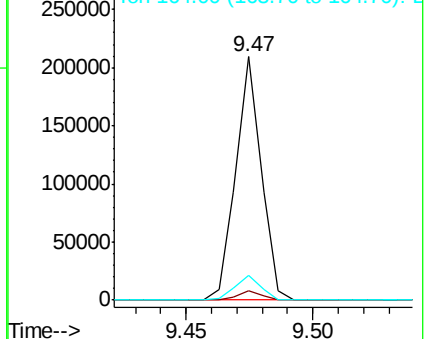
163 100

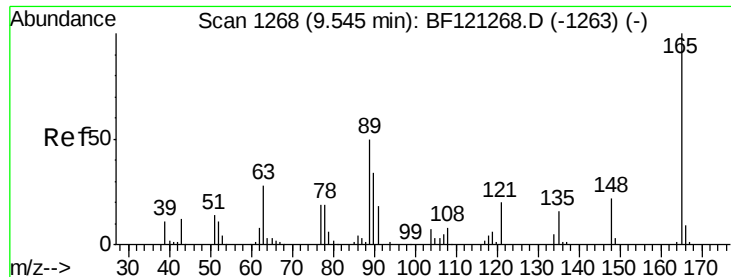
194 3.7 3.0 4.6

164 10.2 8.1 12.1



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

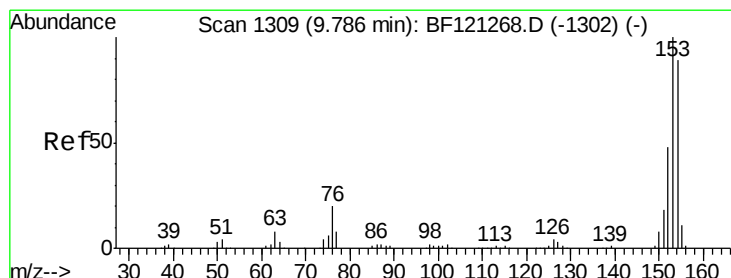
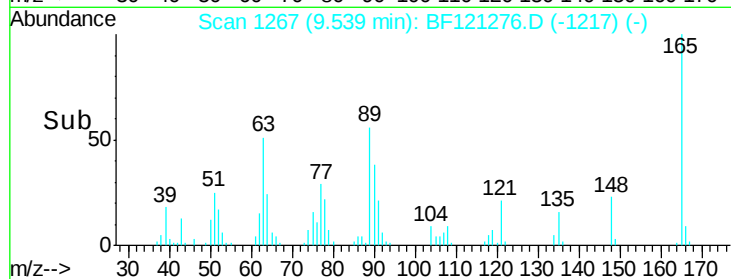
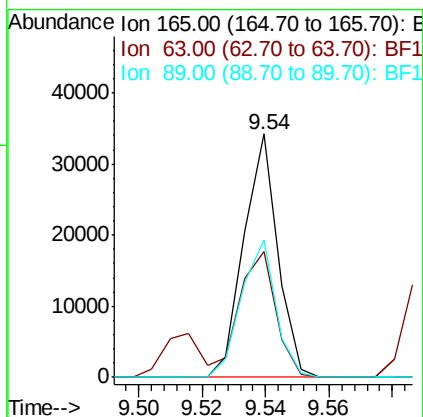
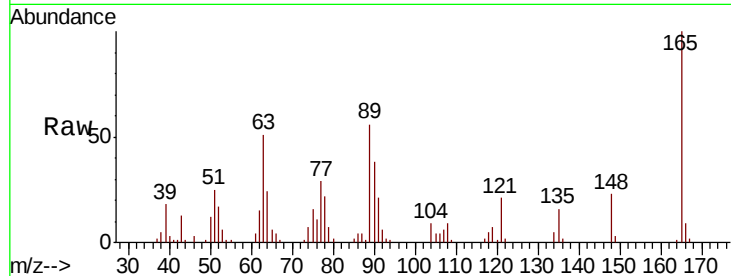




#51
 2,6-Dinitrotoluene
 Concen: 38.110 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

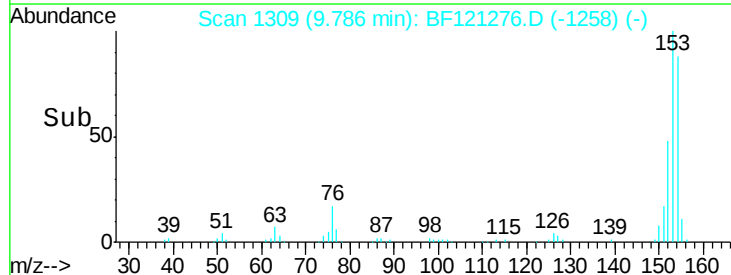
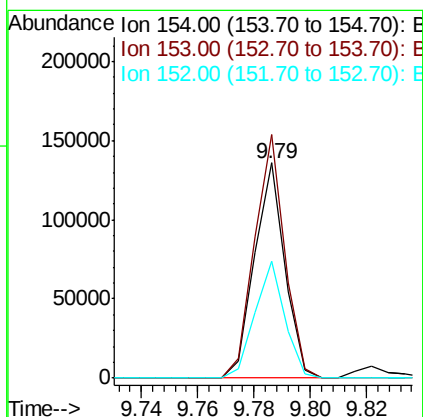
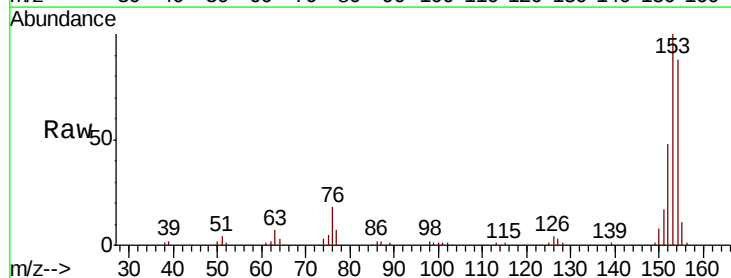
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

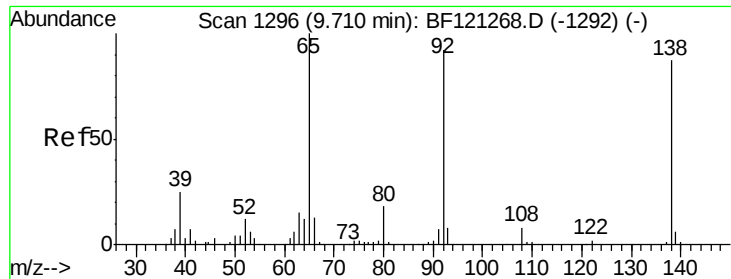
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	42.3	63.5
89	56.3	45.0	67.4



#52
 Acenaphthene
 Concen: 40.970 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.3	133.9
152	54.5	42.9	64.3

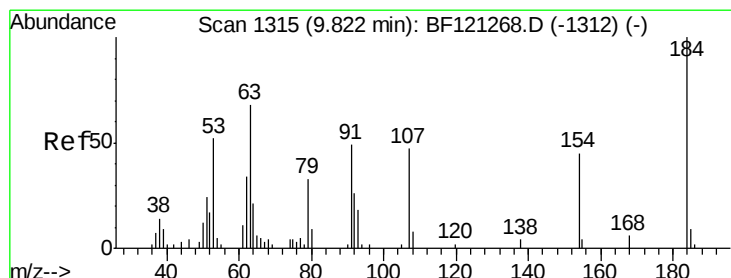
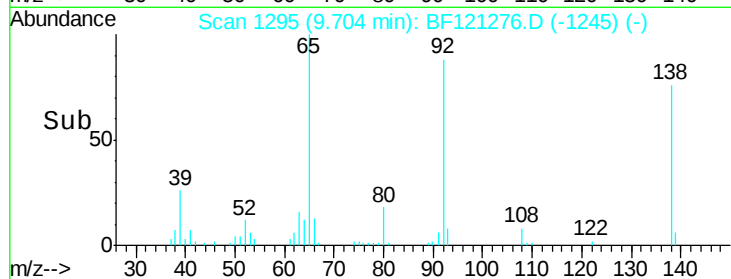
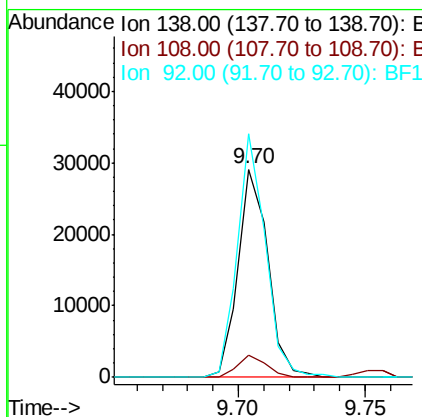
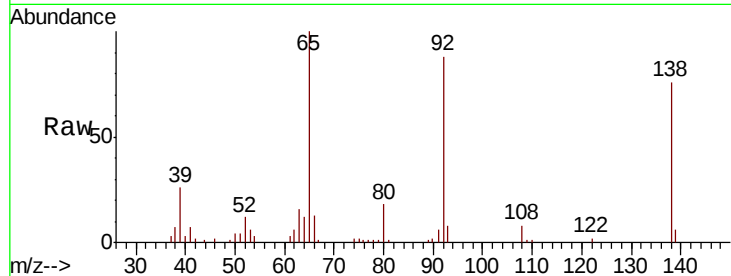




#53
 3-Nitroaniline
 Concen: 31.433 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

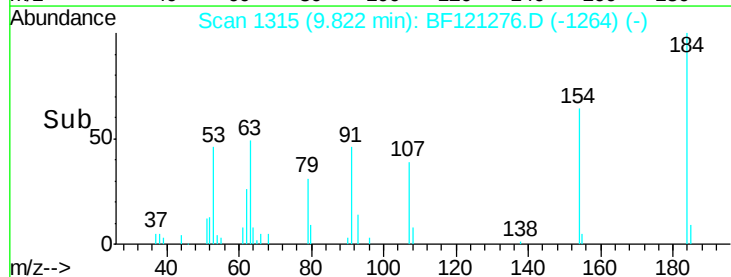
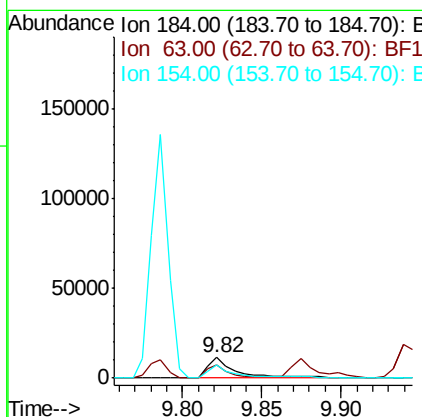
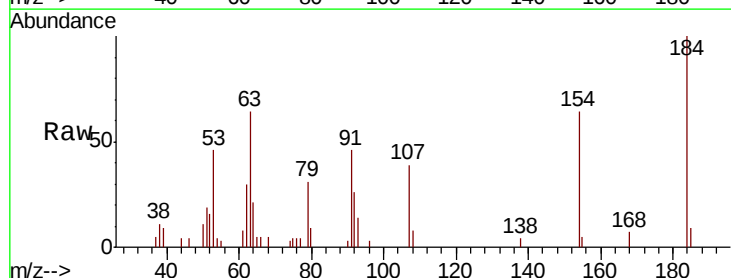
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

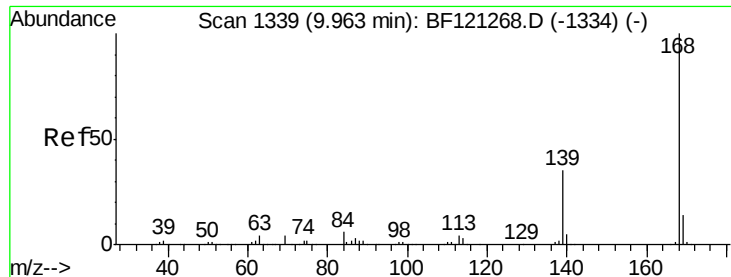
Tot Ion:138 Resp: 23829
 Ion Ratio Lower Upper
 138 100
 108 10.8 7.4 11.2
 92 116.9 85.1 127.7



#54
 2,4-Dinitrophenol
 Concen: 49.072 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:184 Resp: 13789
 Ion Ratio Lower Upper
 184 100
 63 64.2 39.4 59.2#
 154 63.6 43.4 65.0

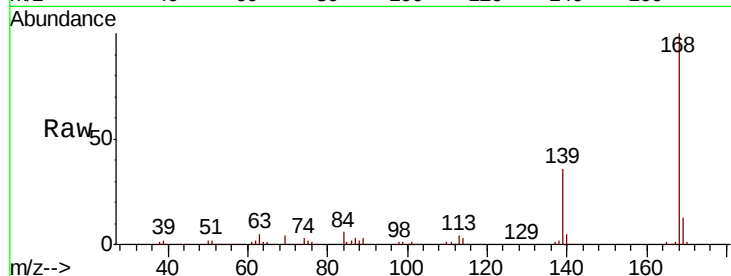




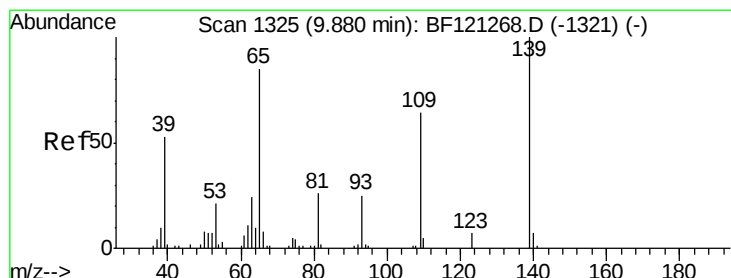
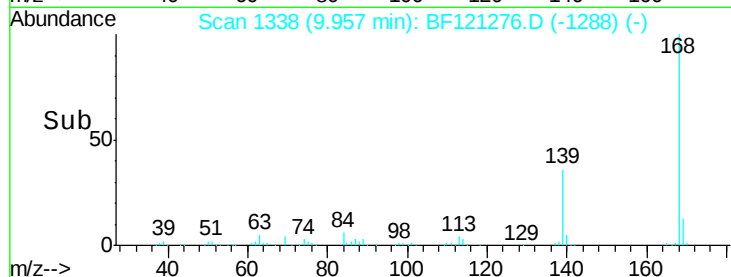
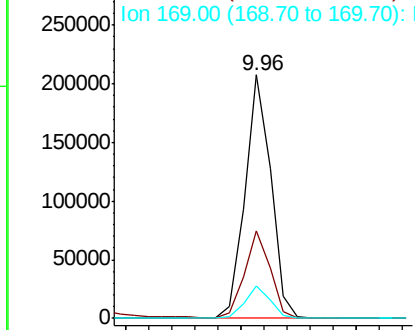
#55
Dibenzenofuran
Concen: 41.219 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Instrument :
BNA_F
ClientSampleId :
SP1-3MS

Tot Ion:168 Resp: 162510
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.6
169 13.5 11.0 16.4

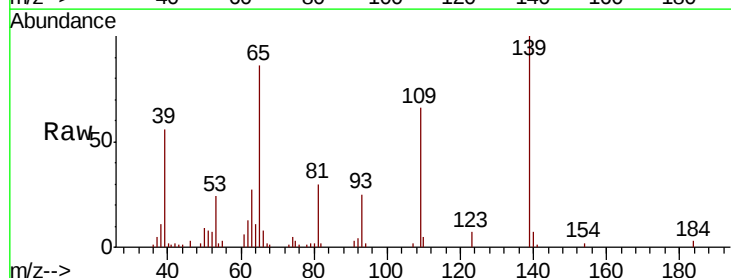


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

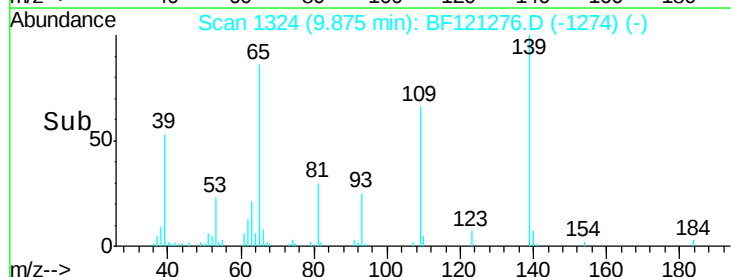
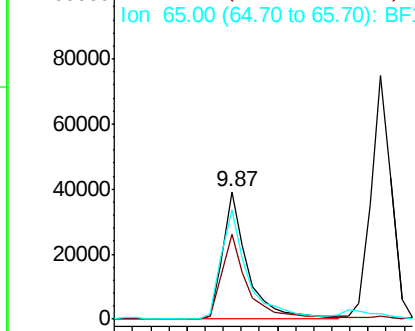


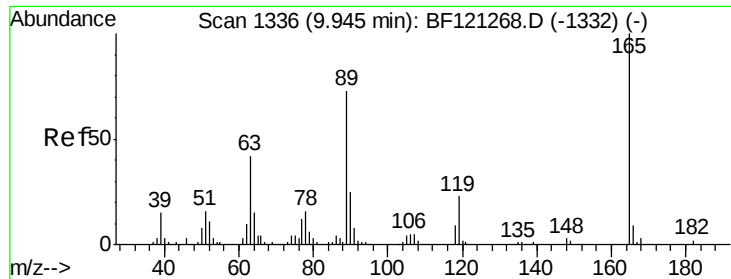
#56
4-Nitrophenol
Concen: 76.770 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion:139 Resp: 37558
Ion Ratio Lower Upper
139 100
109 66.3 47.2 87.2
65 85.8 70.6 110.6



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

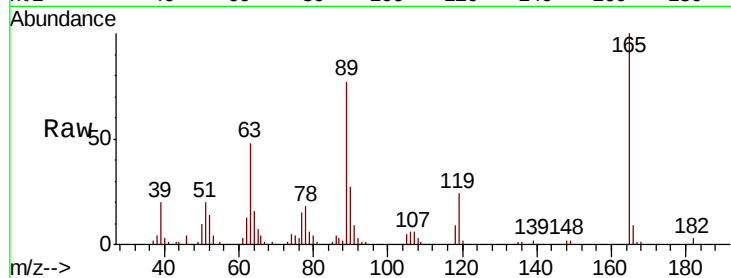




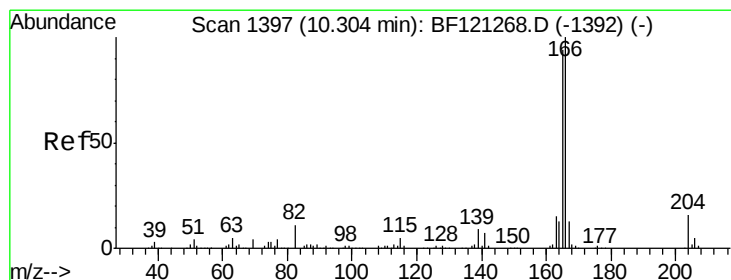
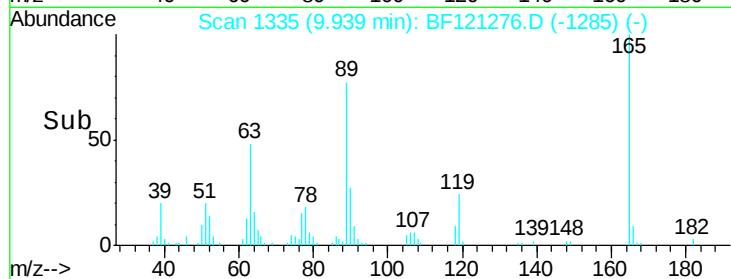
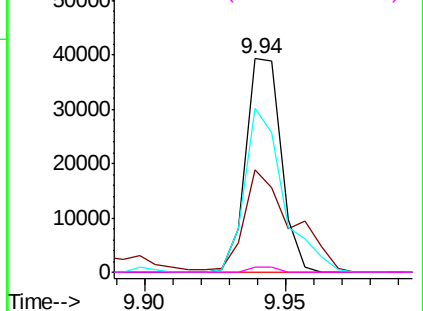
#57
 2,4-Dinitrotoluene
 Concen: 39.404 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:165	Resp:	34334
Ion Ratio	Lower	Upper
165	100	
63	48.1	31.9 47.9#
89	76.8	53.6 80.4
182	2.5	1.8 2.6

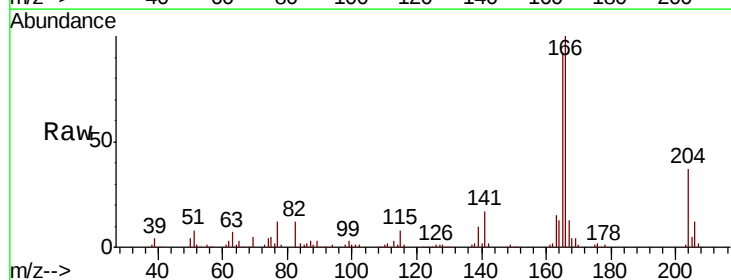


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

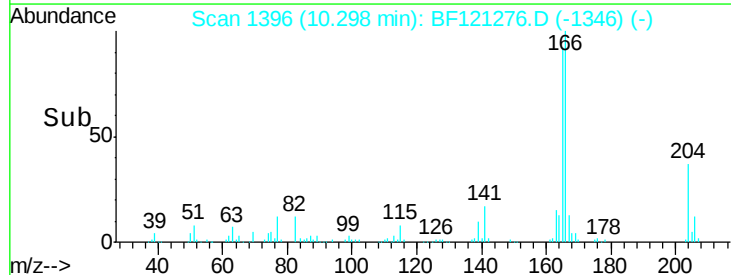
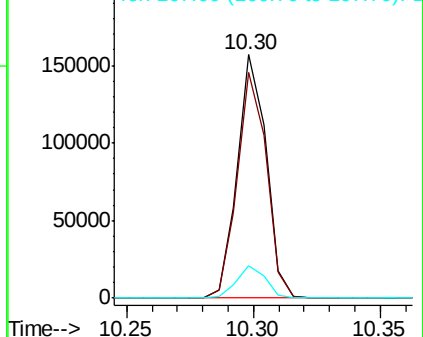


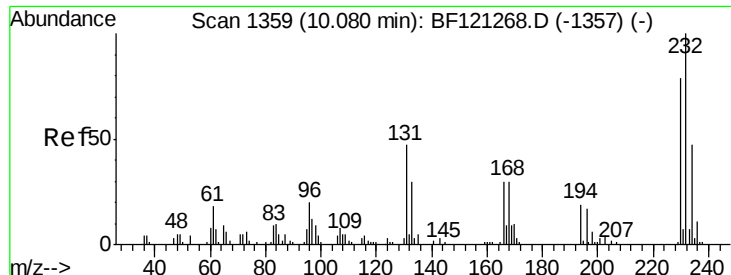
#58
 Fluorene
 Concen: 41.578 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:166	Resp:	124086
Ion Ratio	Lower	Upper
166	100	
165	92.5	75.0 112.6
167	13.1	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

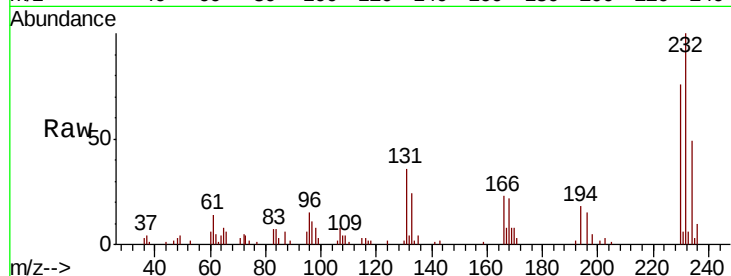




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.367 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.04 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:	232	Resp:	23446
Ion	Ratio	Lower	Upper
232	100		
131	40.1	36.6	55.0
130	1.6	1.6	2.4
166	25.6	23.5	35.3



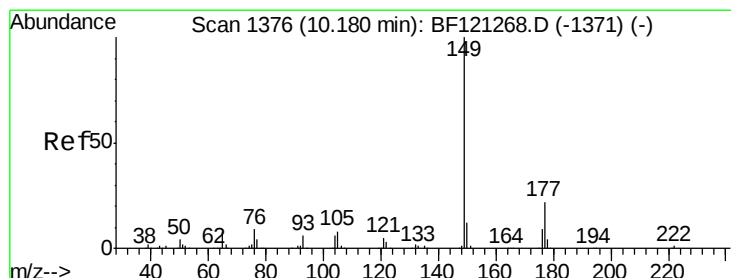
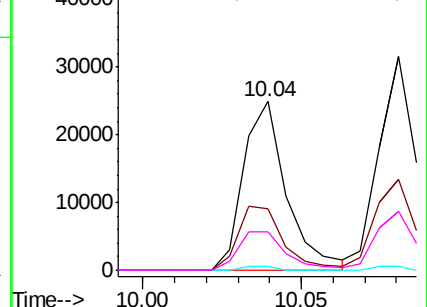
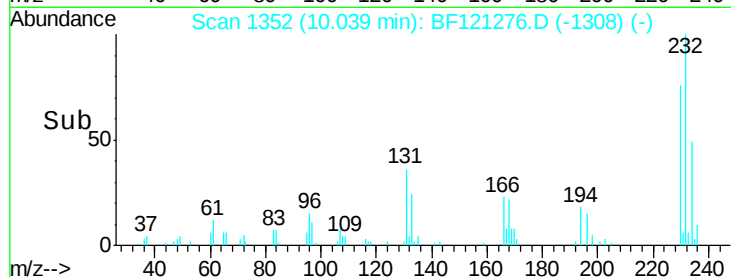
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

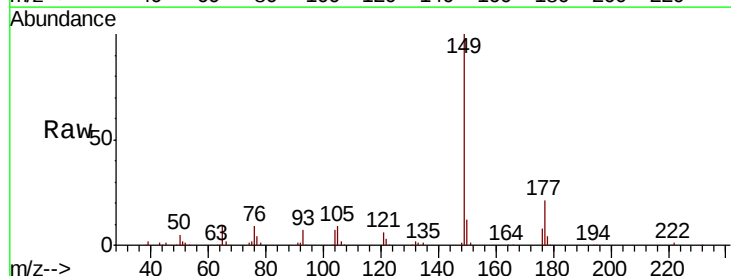
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.855 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:	149	Resp:	126770
Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.4	26.2
150	12.0	10.1	15.1

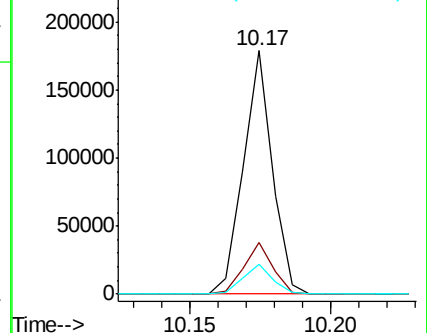
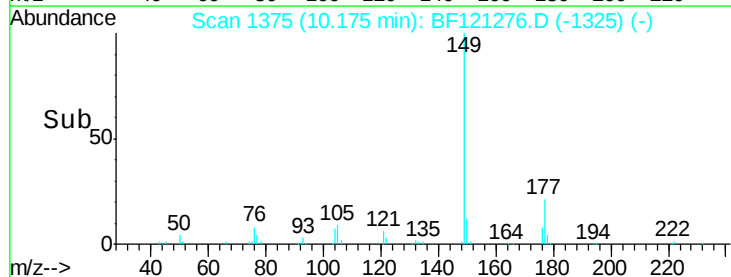


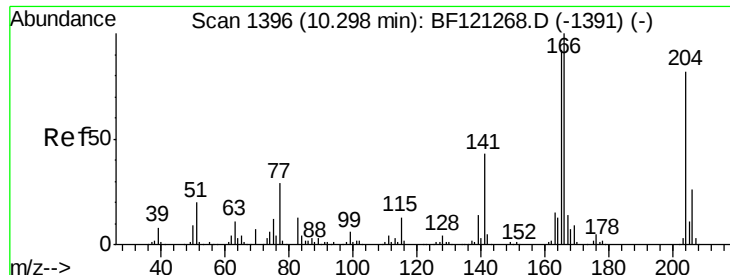
Abundance

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

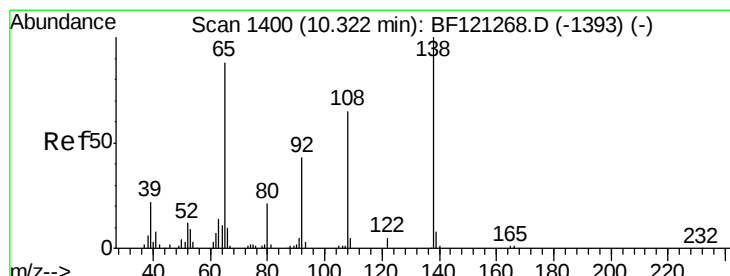
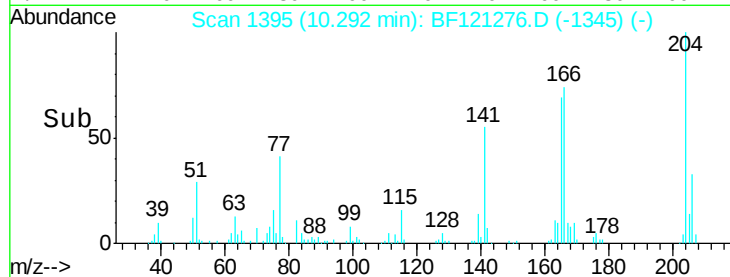
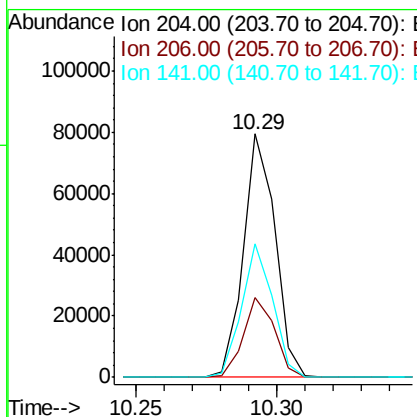
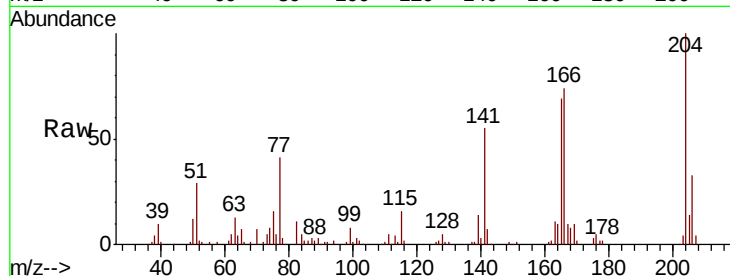




#61
 4-Chlorophenyl-phenylether
 Concen: 42.496 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

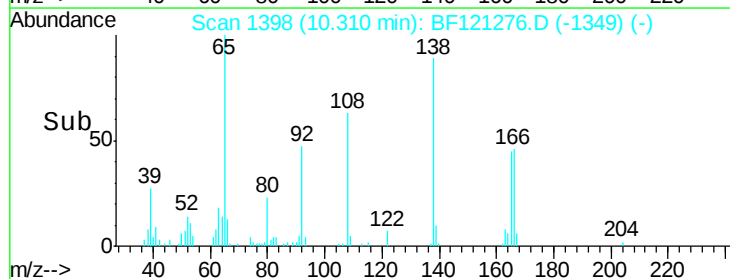
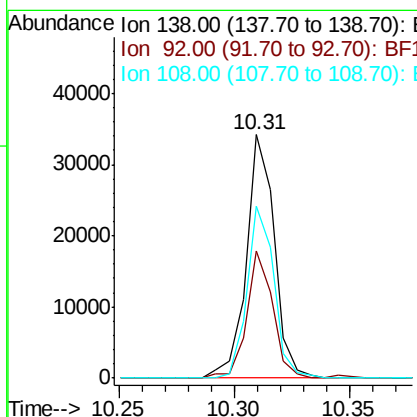
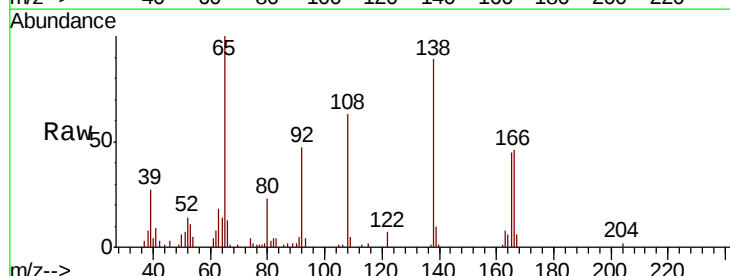
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

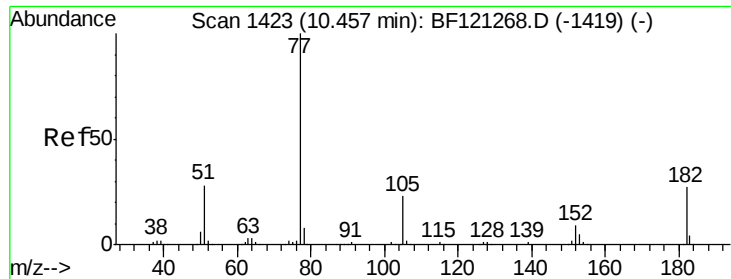
Tot Ion:	204	Resp:	61683
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	54.9	44.2	66.4



#62
 4-Nitroaniline
 Concen: 38.240 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:	138	Resp:	29065
Ion	Ratio	Lower	Upper
138	100		
92	52.1	26.9	66.9
108	70.5	48.1	88.1

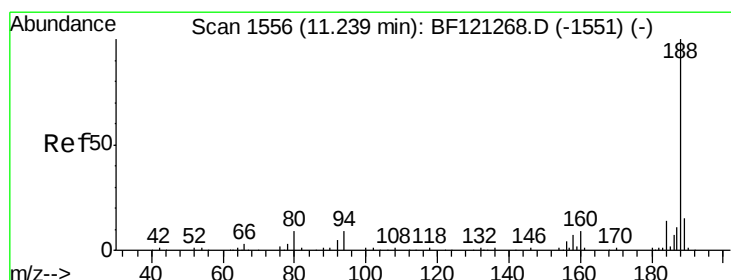
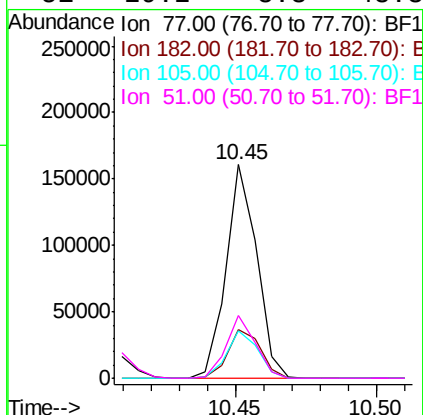
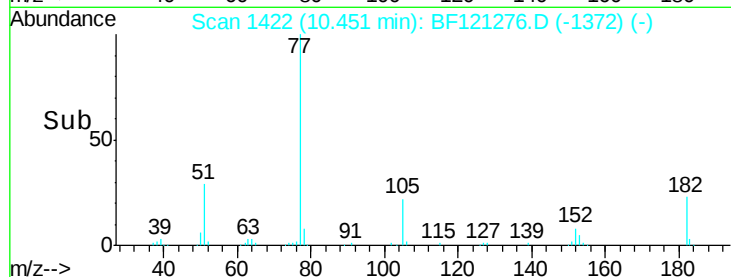
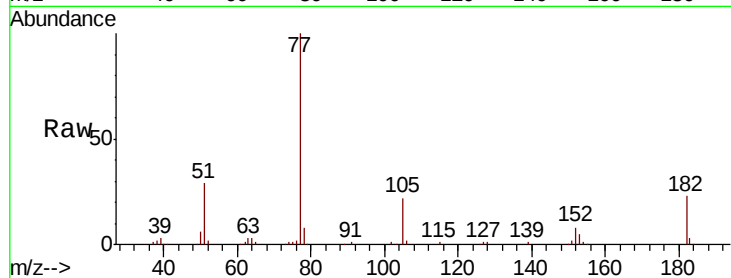




#63
Azobenzene
Concen: 40.120 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

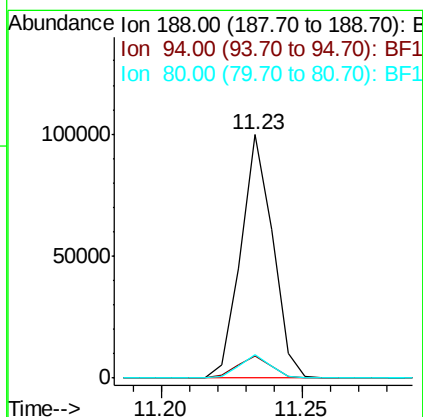
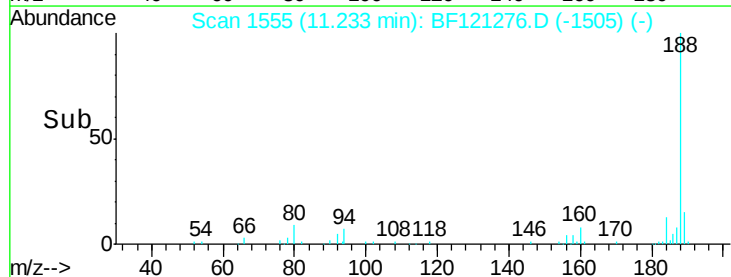
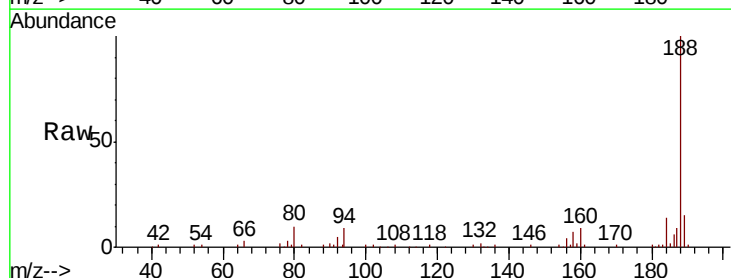
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

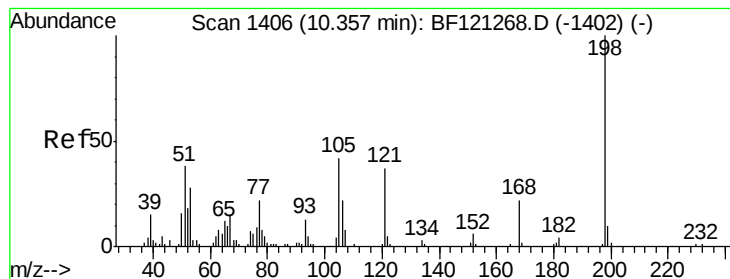
Tot Ion:	77	Resp:	121417
Ion	Ratio	Lower	Upper
77	100		
182	22.9	3.8	43.8
105	22.3	2.9	42.9
51	29.2	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion:	188	Resp:	78346
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.7	7.4	11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 28.523 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampled :

SP1-3MS

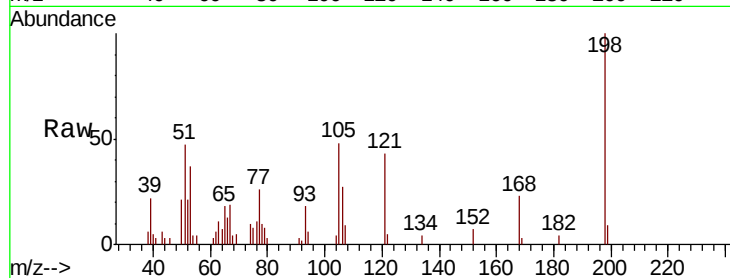
Tot Ion:198 Resp: 12511

Ion Ratio Lower Upper

198 100

51 46.6 29.1 69.1

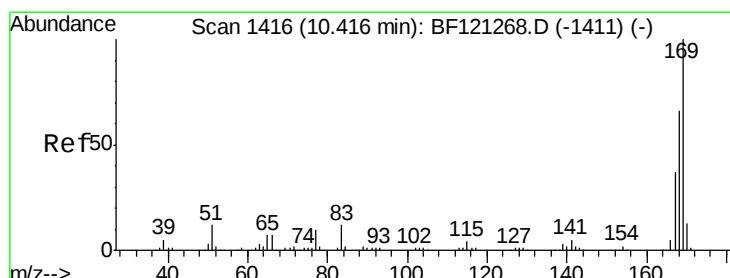
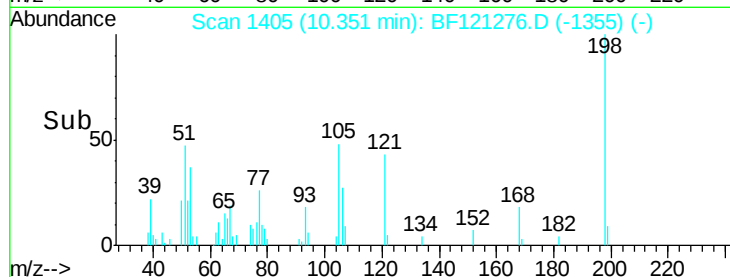
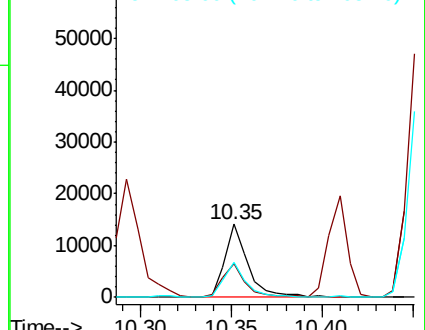
105 48.1 28.3 68.3



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: 40.862 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

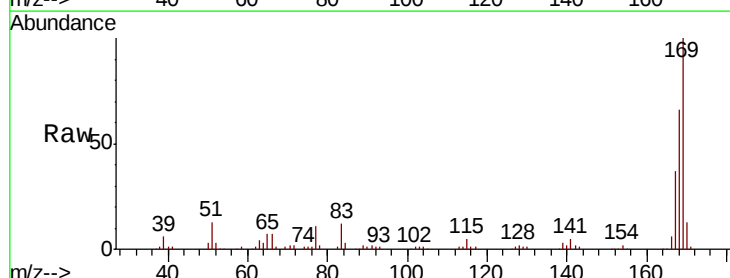
Tgt Ion:169 Resp: 109771

Ion Ratio Lower Upper

169 100

168 65.9 53.2 79.8

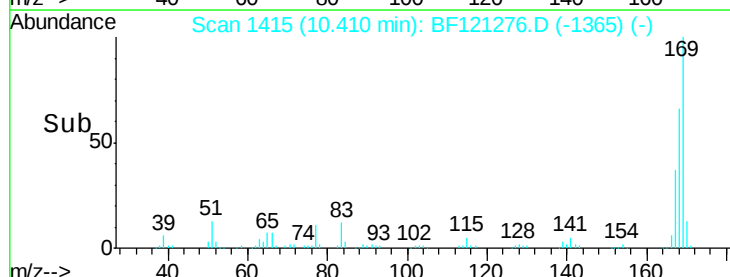
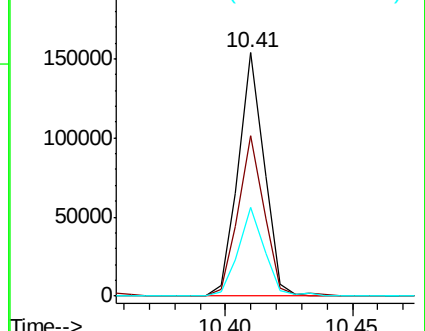
167 36.7 29.2 43.8

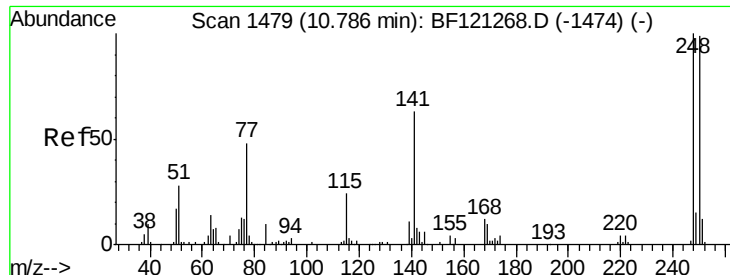


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

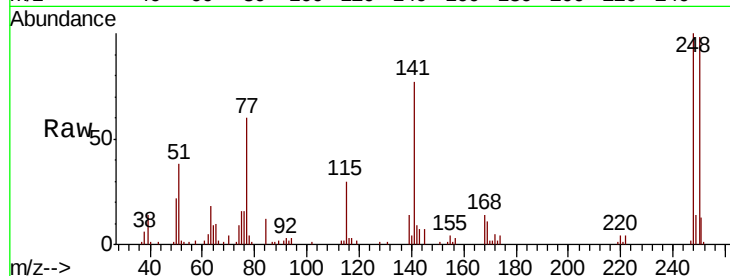




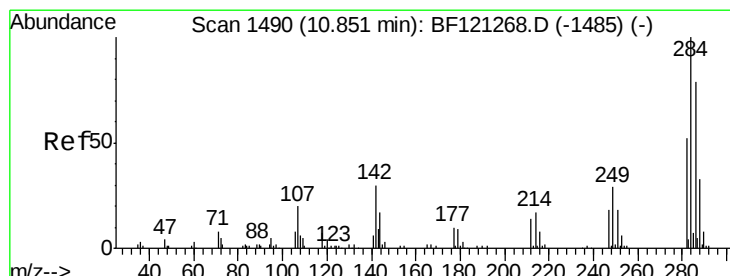
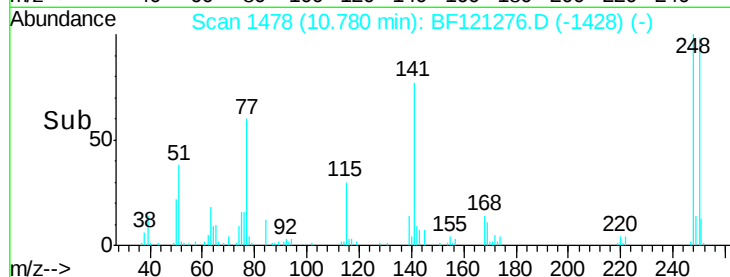
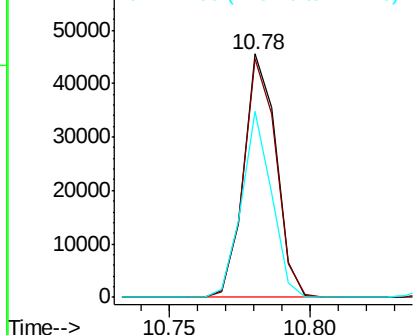
#67
 4-Bromophenyl-phenylether
 Concen: 39.823 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion:248 Resp: 36393
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.7 116.5
 141 76.5 53.4 80.2

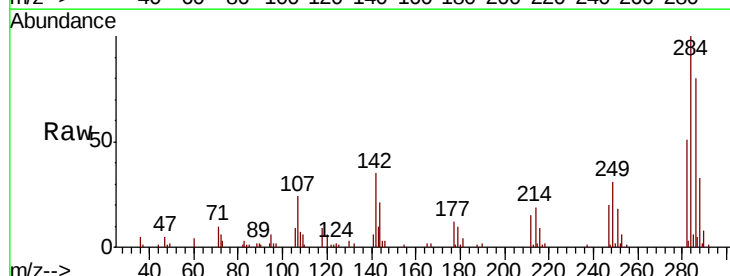


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

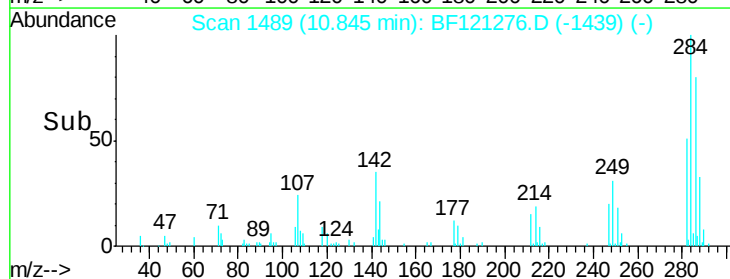
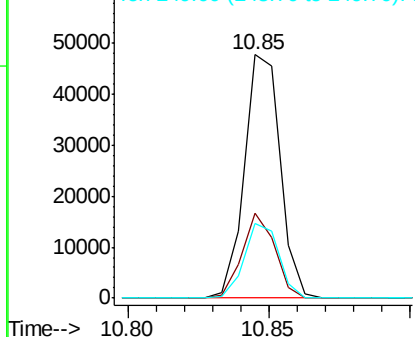


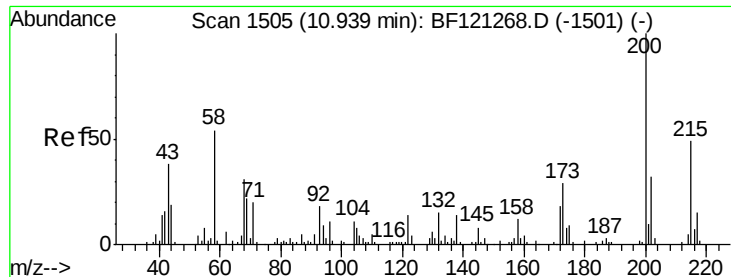
#68
 Hexachlorobenzene
 Concen: 40.251 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:284 Resp: 41946
 Ion Ratio Lower Upper
 284 100
 142 34.7 26.5 39.7
 249 30.9 23.8 35.6



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





#69

Atrazine

Concen: 37.976 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampled :

SP1-3MS

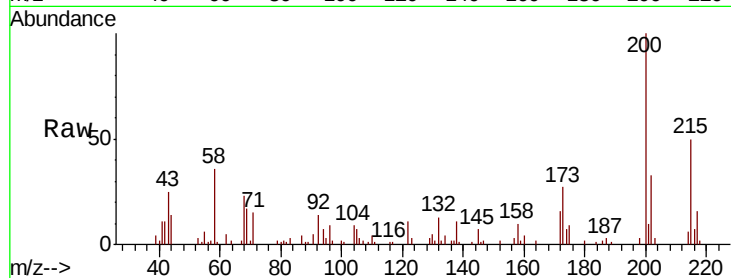
Tot Ion:200 Resp: 30515

Ion Ratio Lower Upper

200 100

173 26.7 7.7 47.7

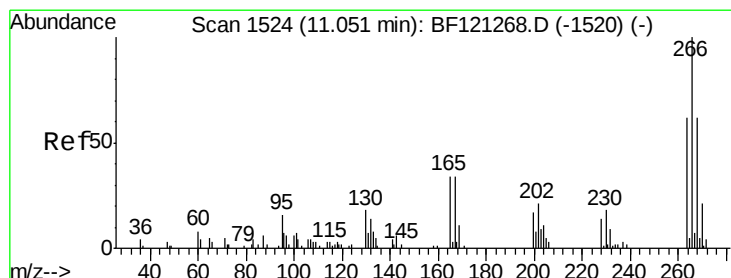
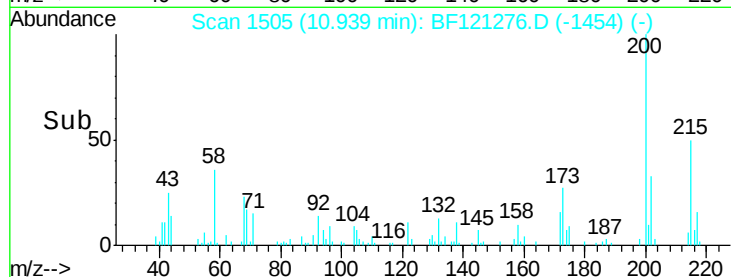
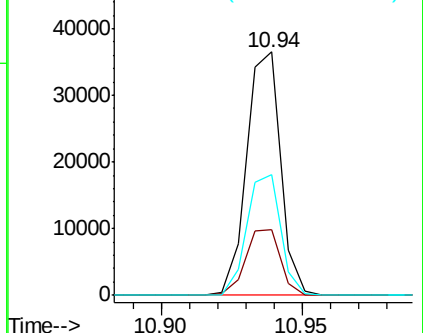
215 49.6 28.9 68.9



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: 62.637 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

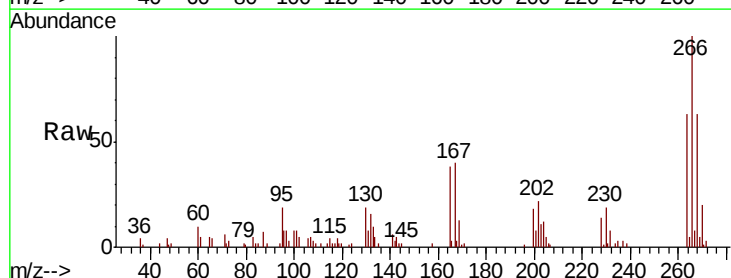
Tgt Ion:266 Resp: 28373

Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.4

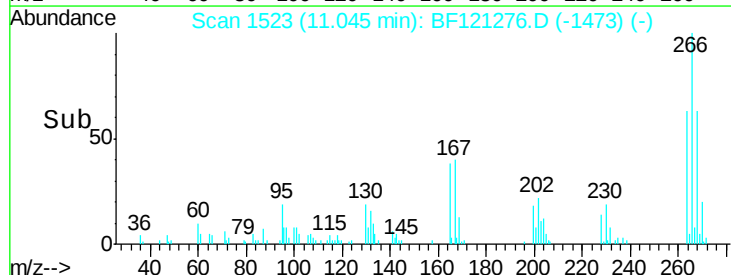
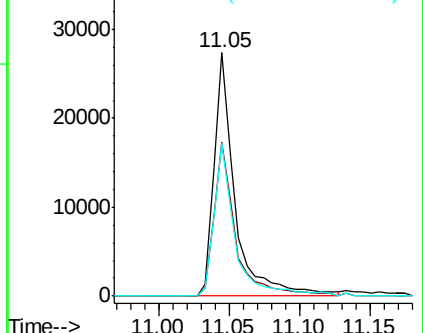
264 62.6 50.6 76.0

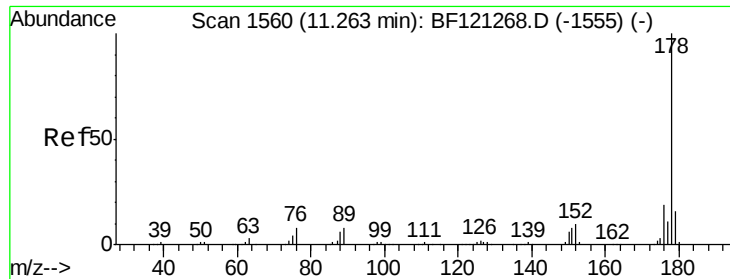


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

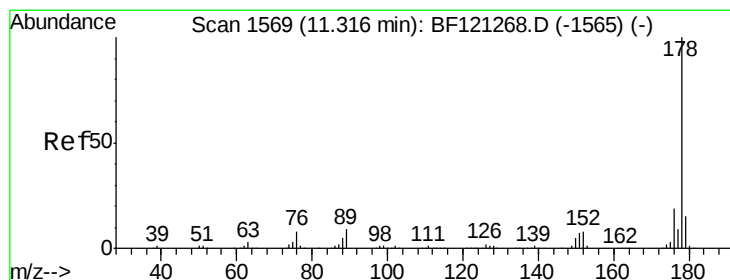
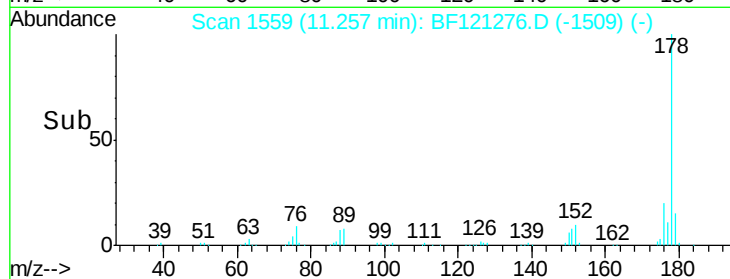
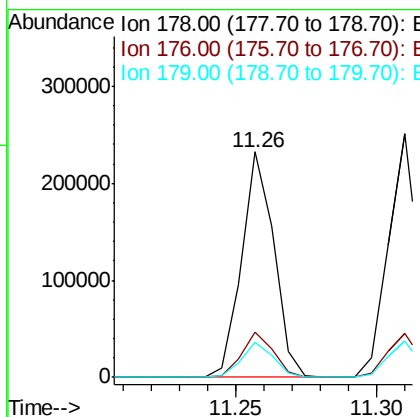
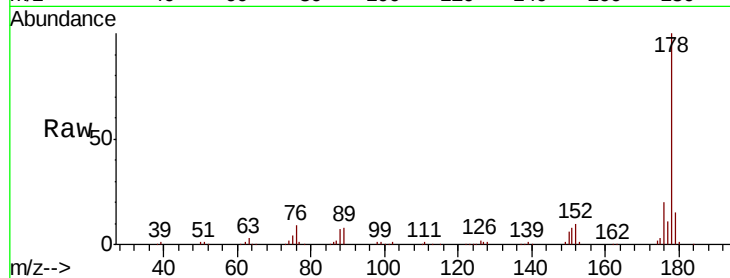




#71
 Phenanthrene
 Concen: 41.152 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

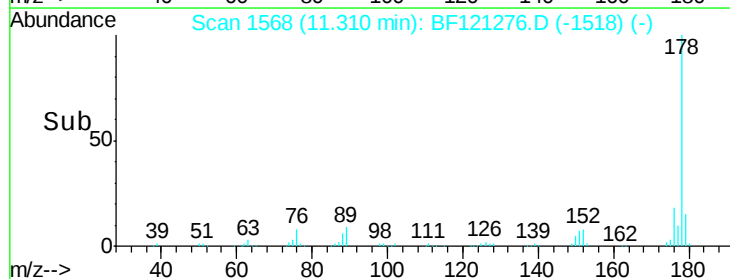
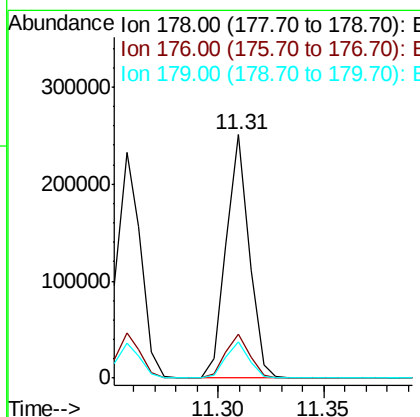
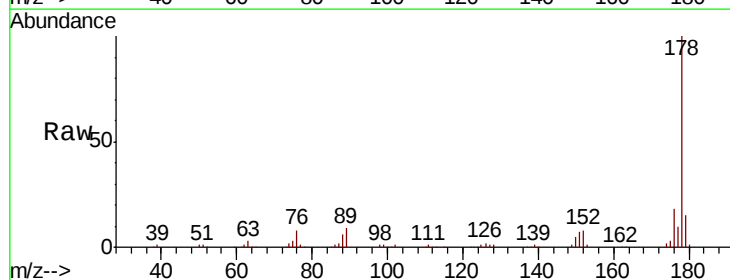
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

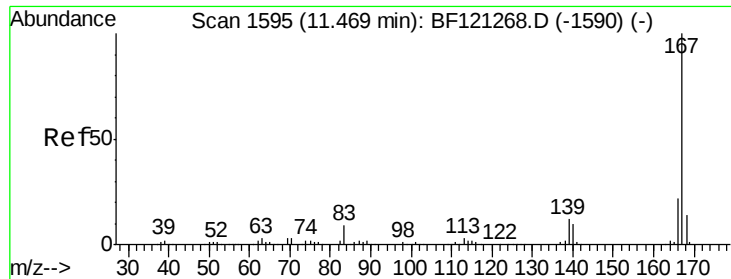
Tot Ion:178 Resp: 184447
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 12.6 19.0



#72
 Anthracene
 Concen: 42.185 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:178 Resp: 189741
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.2 22.8
 179 15.0 12.4 18.6

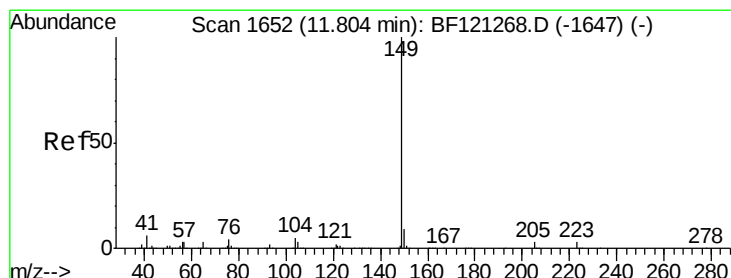
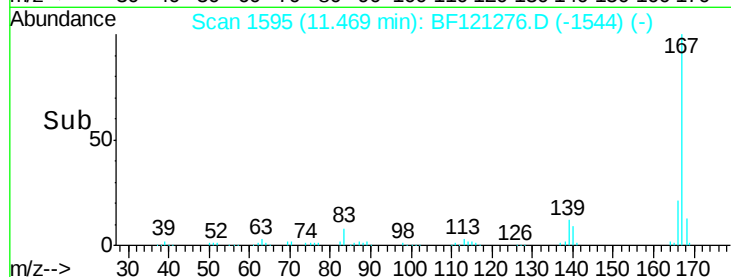
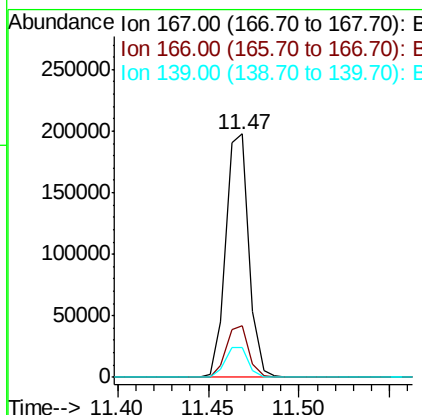
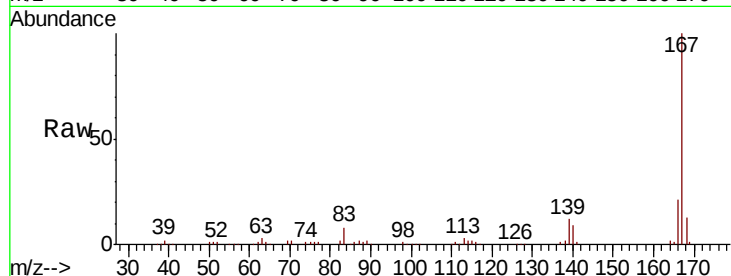




#73
 Carbazole
 Concen: 39.829 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

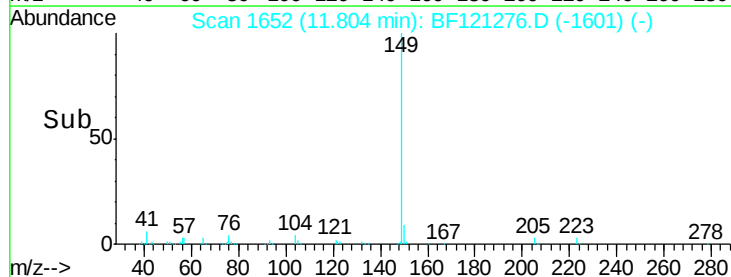
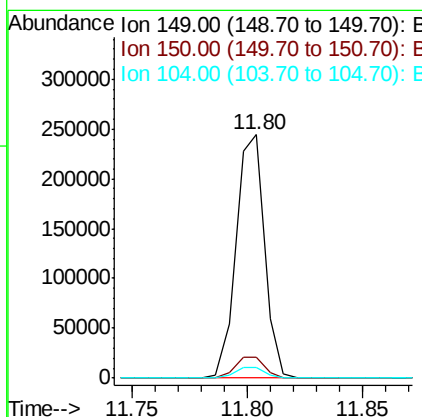
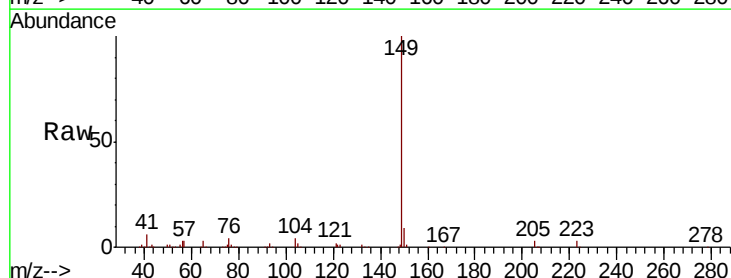
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

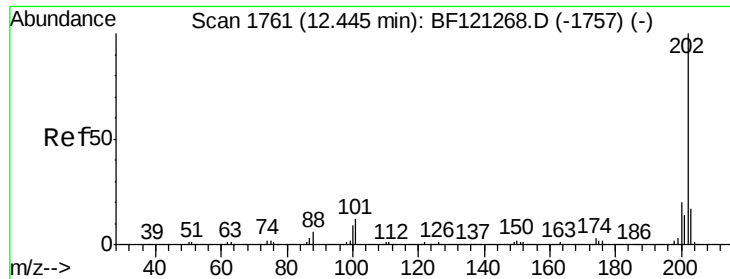
Tot Ion:167 Resp: 175199
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.3 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 42.153 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion:149 Resp: 209297
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.7 11.5
 104 4.2 3.7 5.5

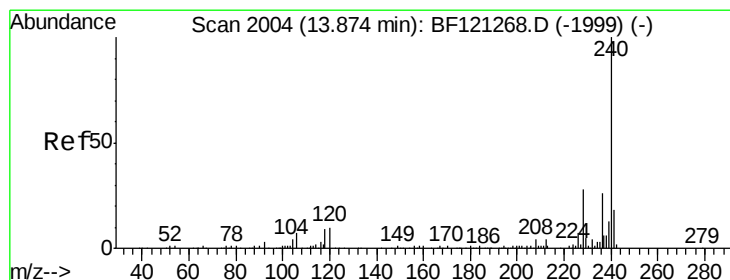
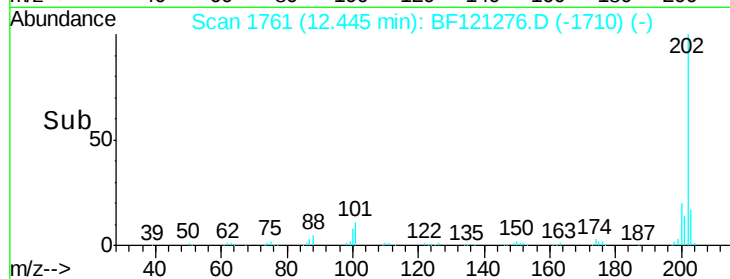
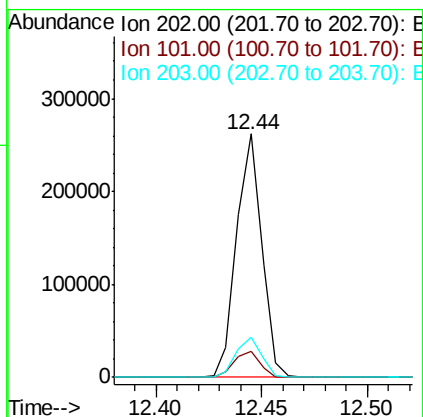
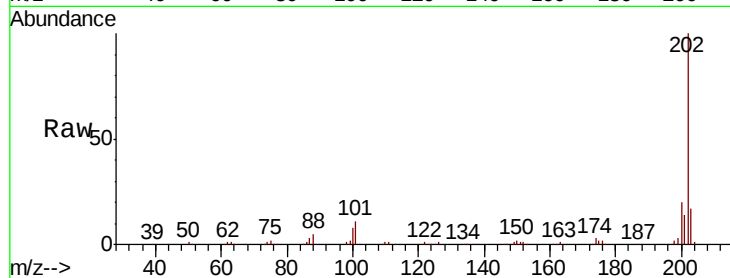




#75
 Fluoranthene
 Concen: 43.072 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

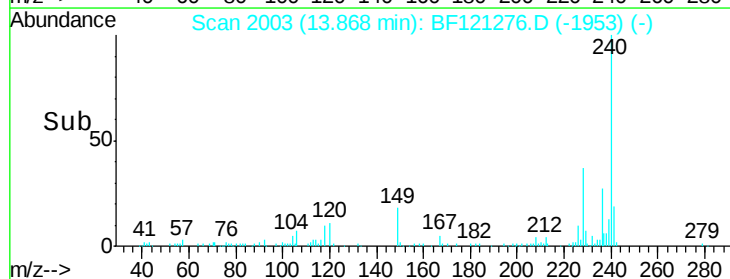
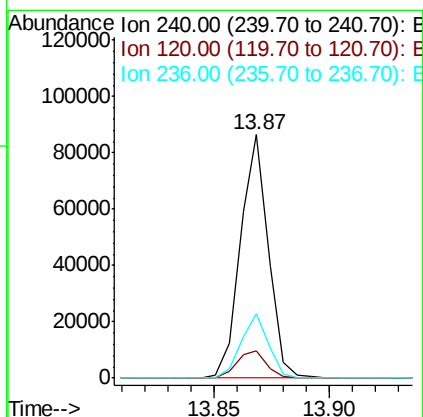
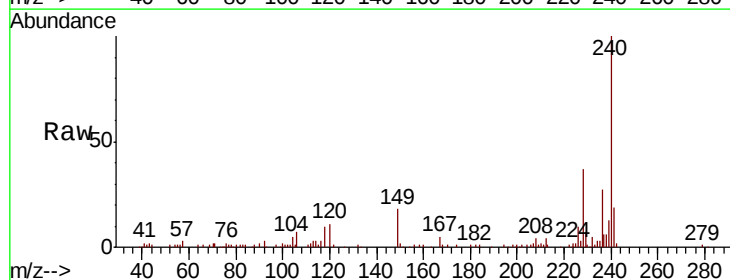
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

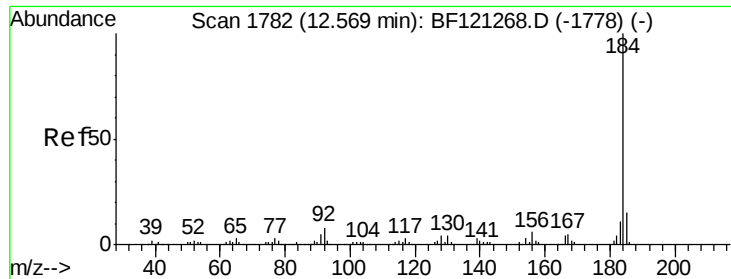
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
203	16.7	0.0	38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.2	13.8
236	26.7	21.0	31.4





#77

Benzidine

Concen: 42.090 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

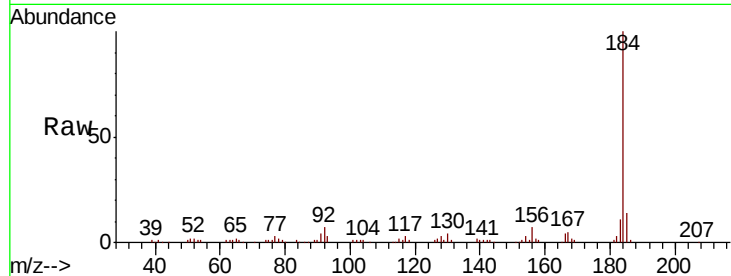
Tot Ion:184 Resp: 80417

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

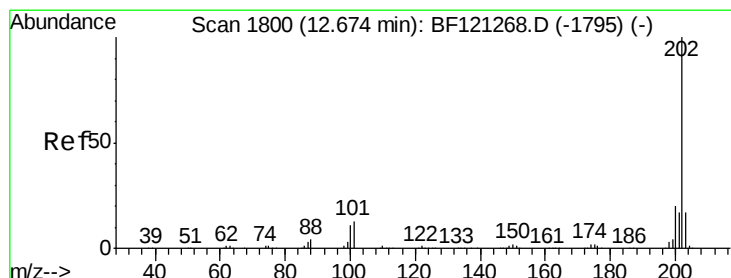
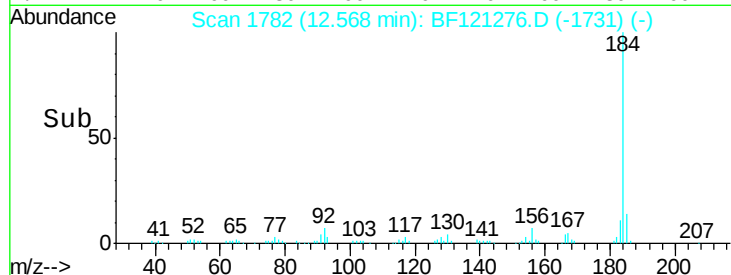
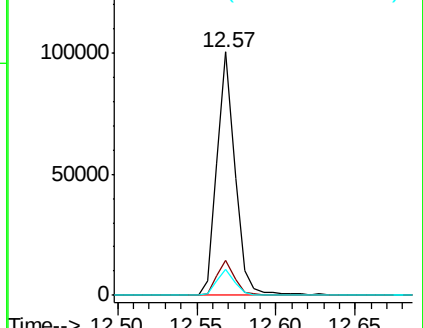
183 10.6 8.3 12.5



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: 41.508 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

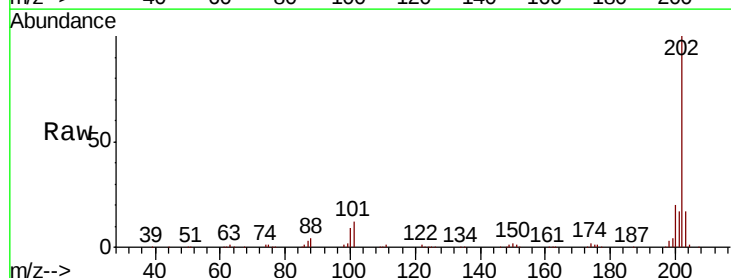
Tgt Ion:202 Resp: 224650

Ion Ratio Lower Upper

202 100

200 20.0 16.3 24.5

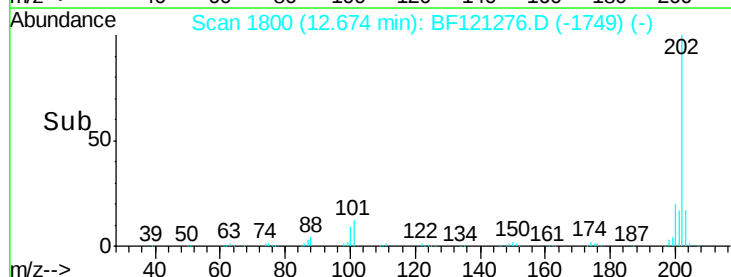
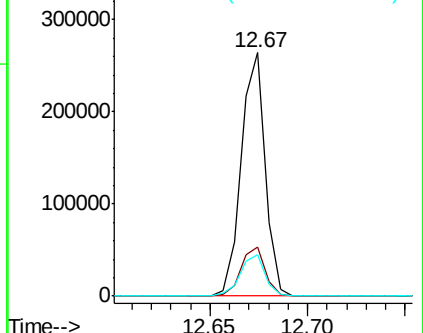
203 17.1 13.8 20.8

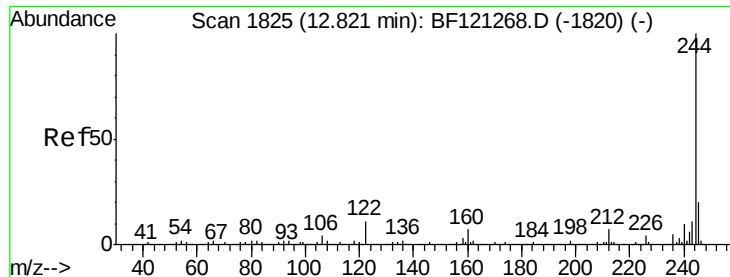


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.989 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

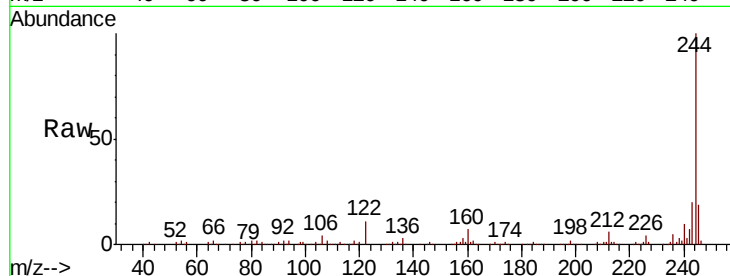
Tot Ion:244 Resp: 234842

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

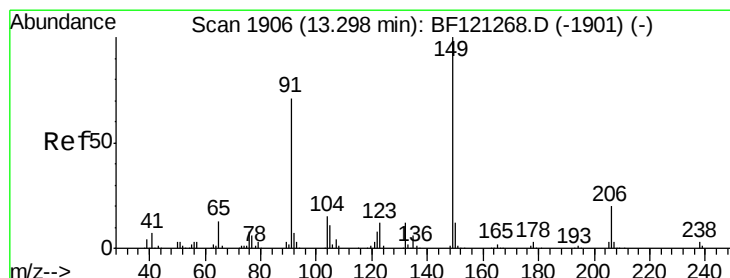
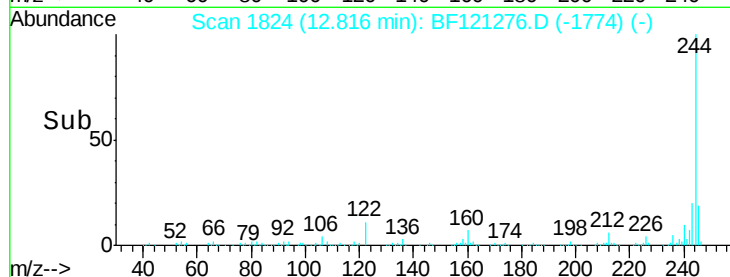
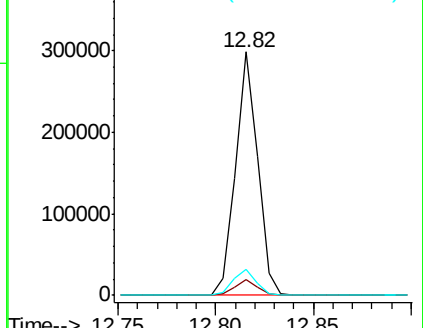
122 10.8 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.692 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

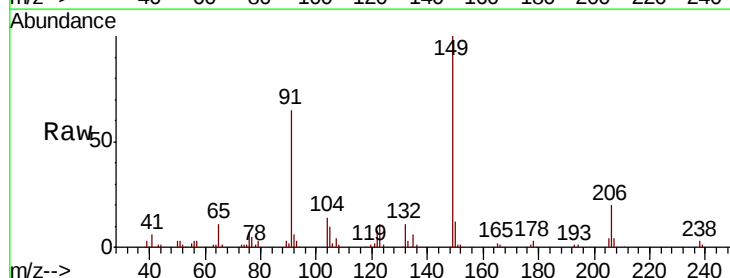
Tgt Ion:149 Resp: 89960

Ion Ratio Lower Upper

149 100

91 65.3 55.4 83.2

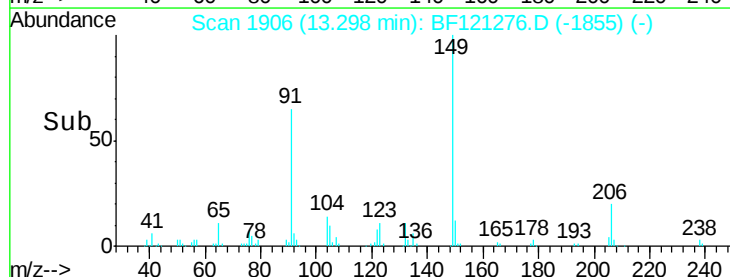
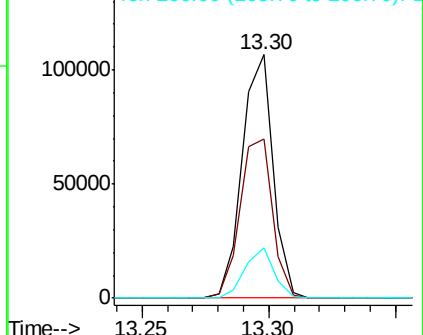
206 20.5 16.0 24.0

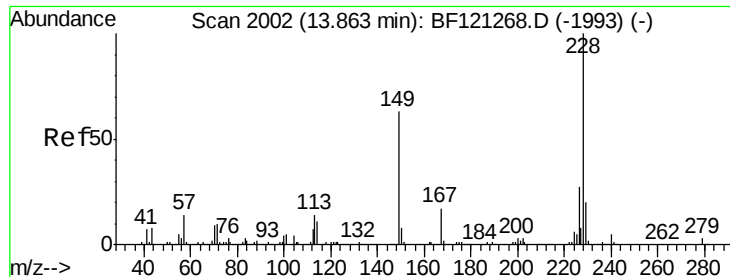


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

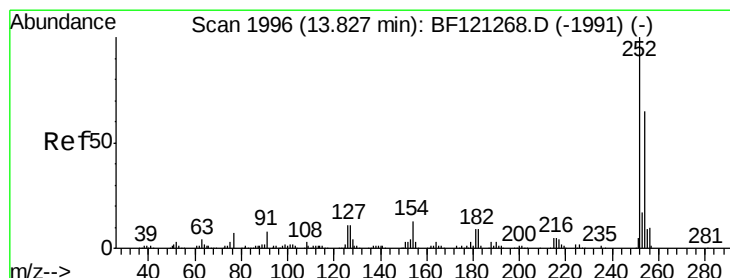
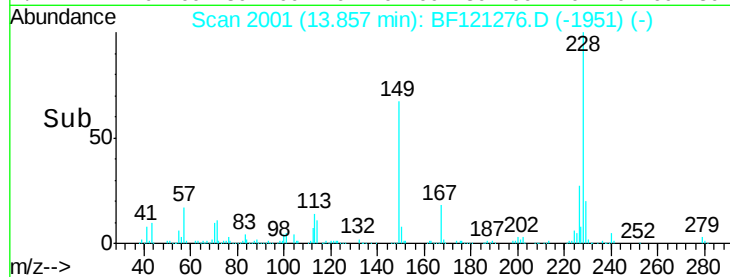
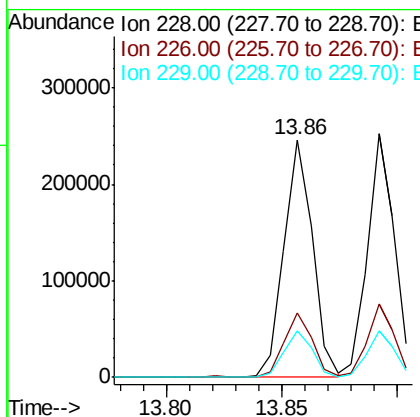
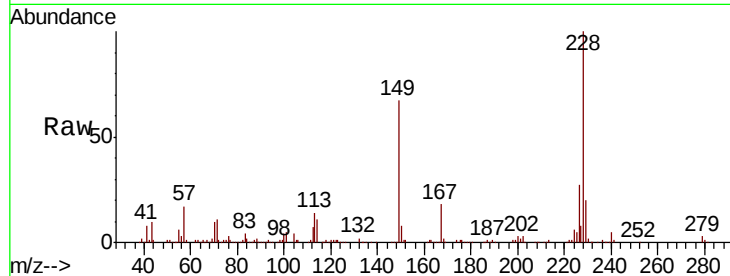




#81
Benzo(a)anthracene
Concen: 42.546 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

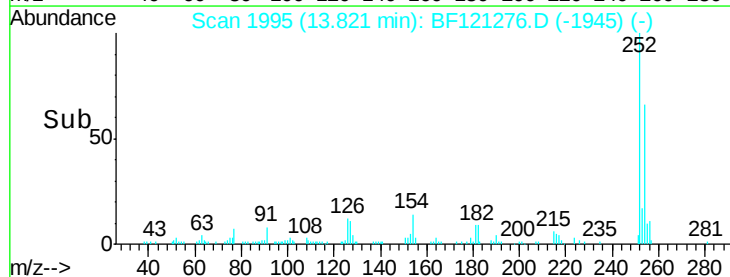
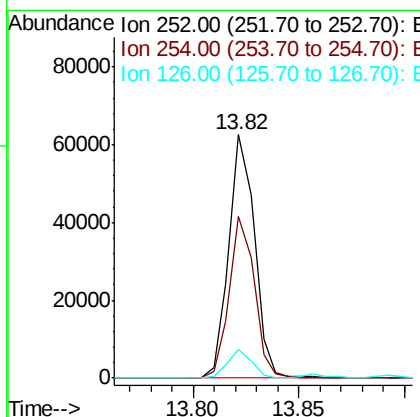
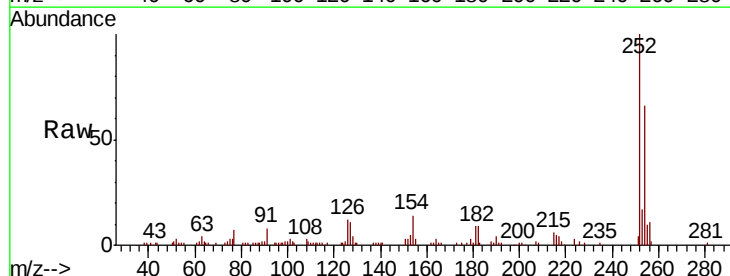
Instrument :
BNA_F
ClientSampleId :
SP1-3MS

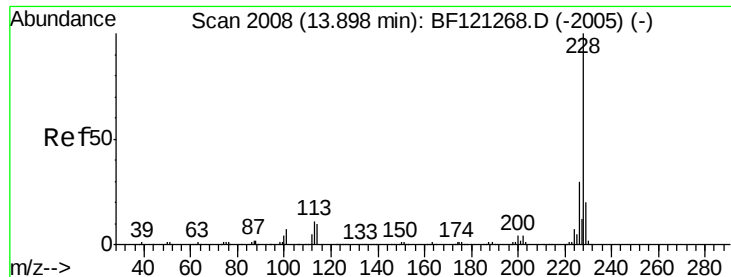
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.0	33.0
229	19.7	16.0	24.0



#82
3,3'-Dichlorobenzidine
Concen: 26.983 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	11.9	9.7	14.5





#83

Chrysene

Concen: 40.889 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

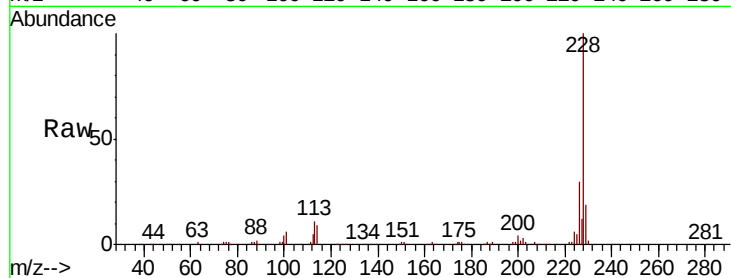
Tot Ion:228 Resp: 205786

Ion Ratio Lower Upper

228 100

226 30.0 24.8 37.2

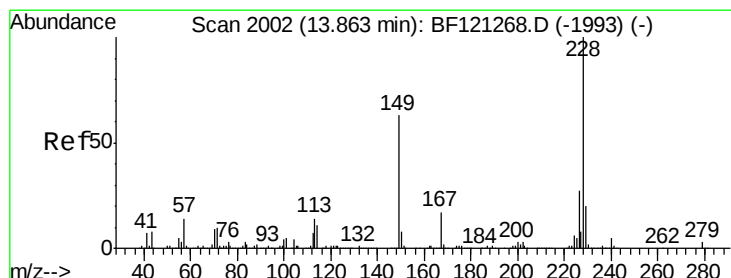
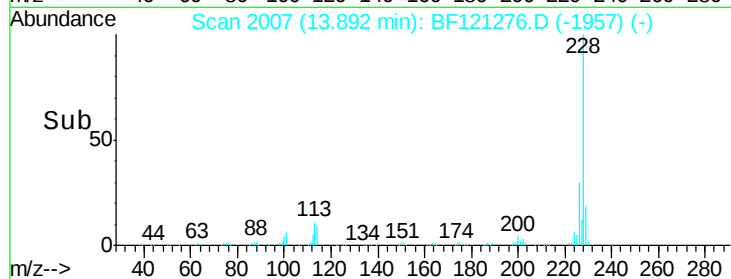
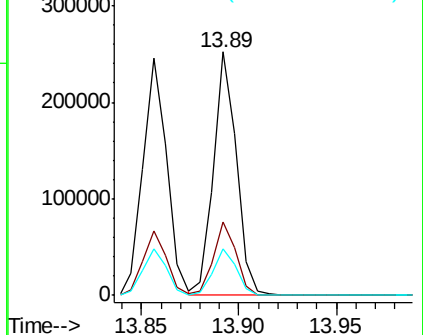
229 19.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.051 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

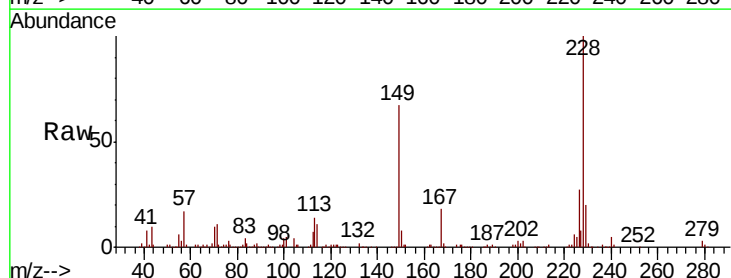
Tgt Ion:149 Resp: 134227

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

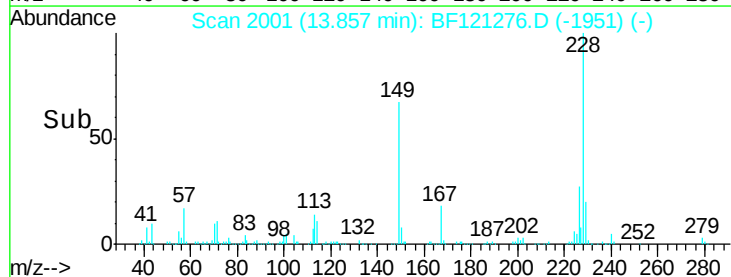
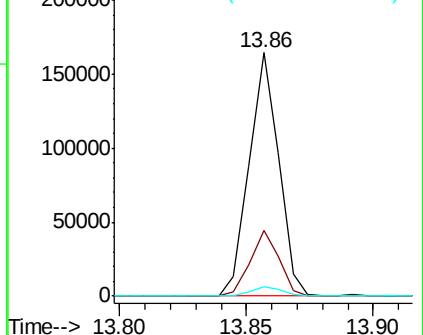
279 3.9 3.4 5.0

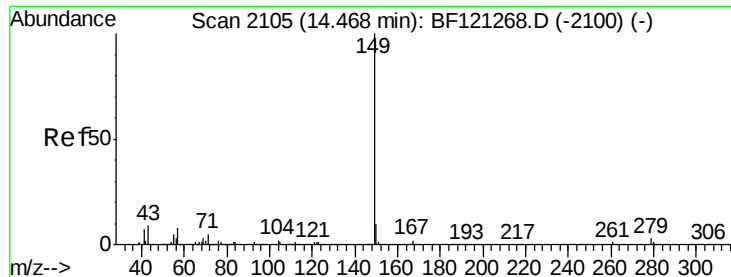


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.272 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

Instrument :

BNA_F

ClientSampleId :

SP1-3MS

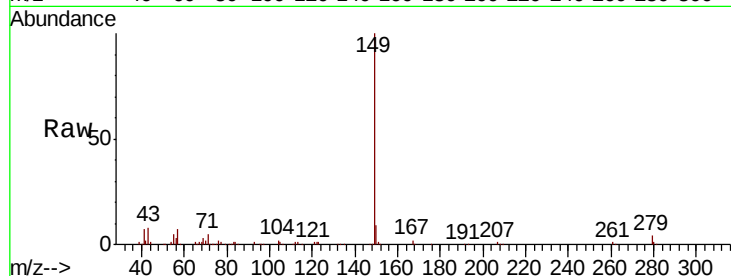
Tot Ion:149 Resp: 236164

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

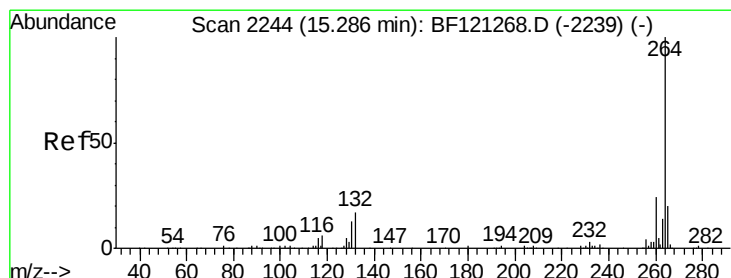
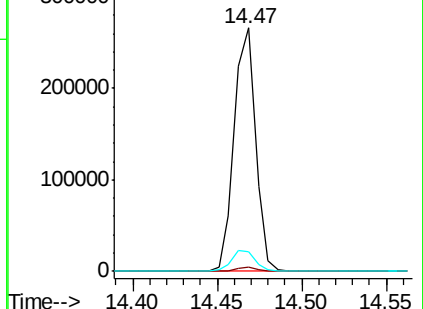
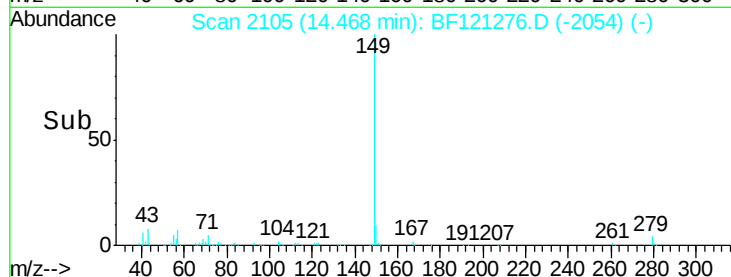
43 9.1 7.4 11.0



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF121276.D

Acq: 13 Aug 2020 18:03

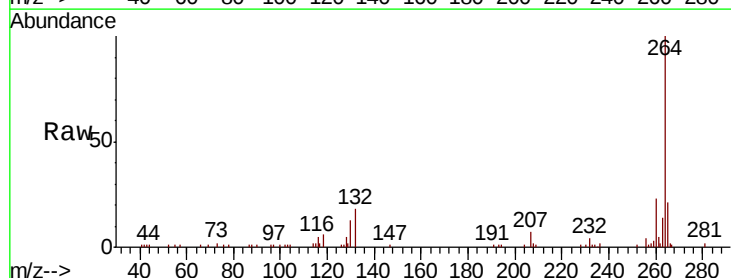
Tgt Ion:264 Resp: 73990

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

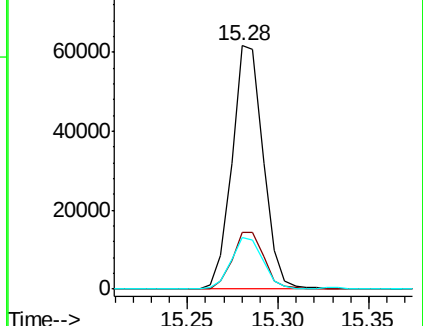
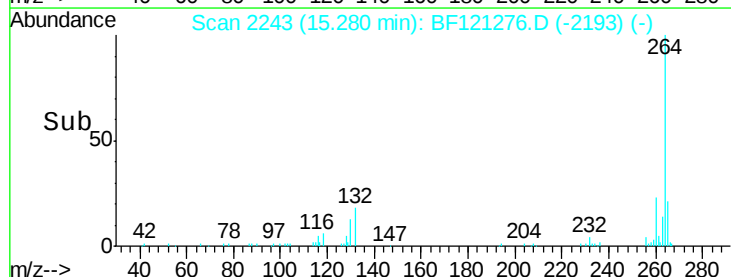
265 21.1 17.1 25.7

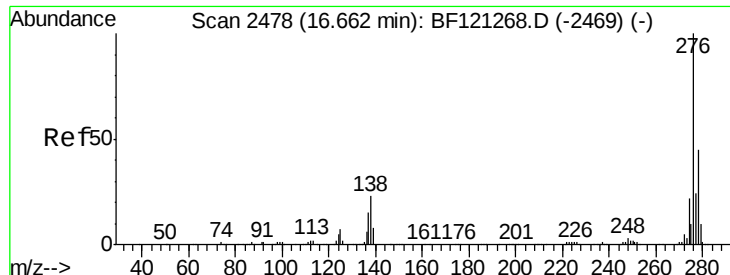


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

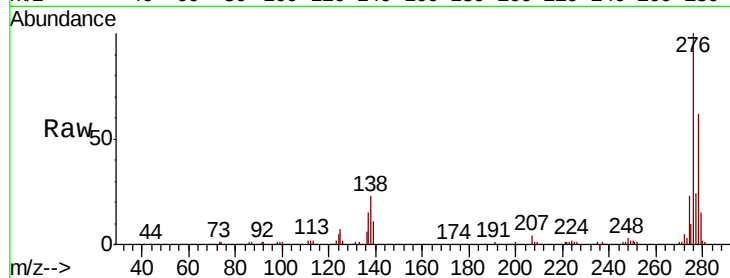




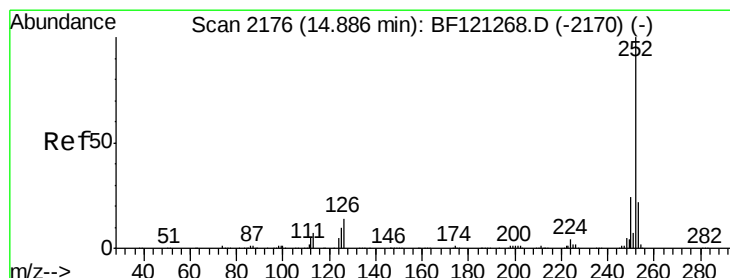
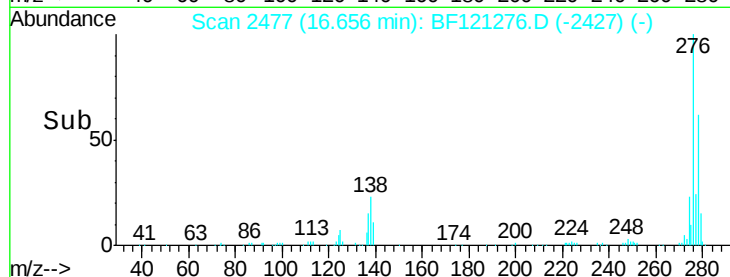
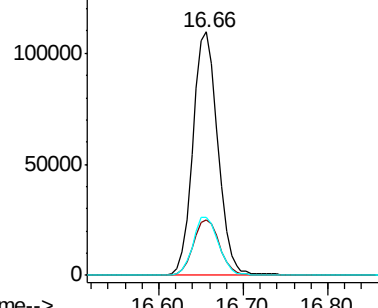
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.938 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.6	29.4
277	24.4	20.0	30.0

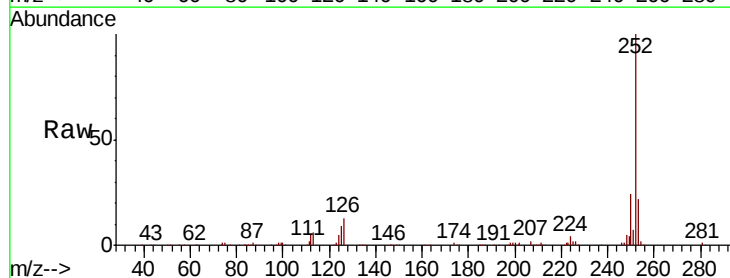


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

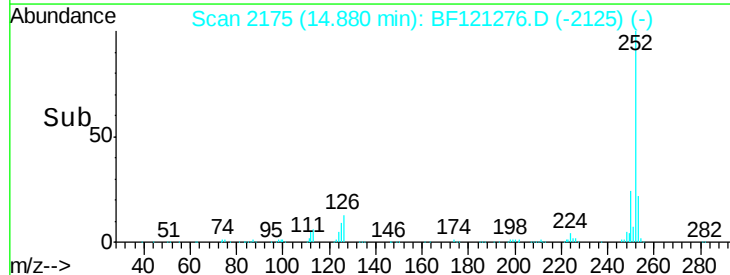
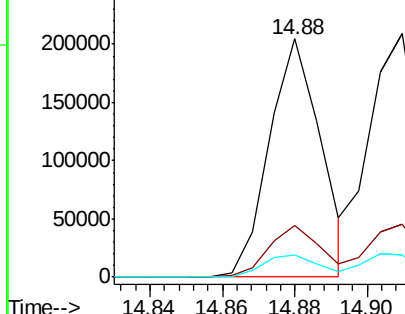


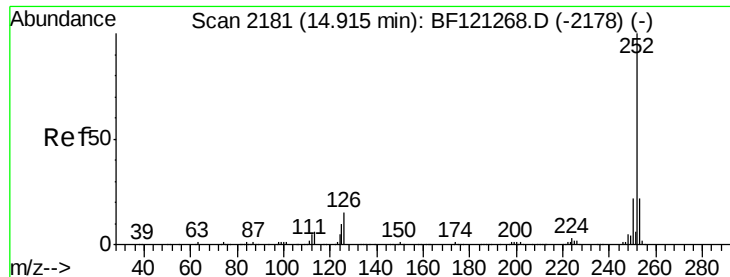
#88
 Benzo(b)fluoranthene
 Concen: 40.922 ng
 RT: 14.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BF121276.D
 Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.4	7.6	11.4



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

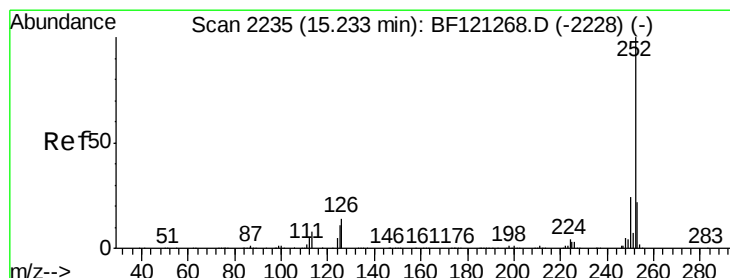
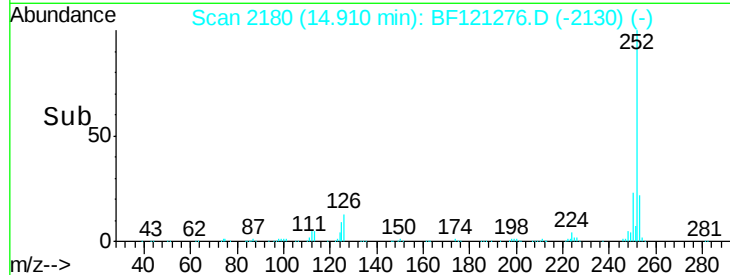
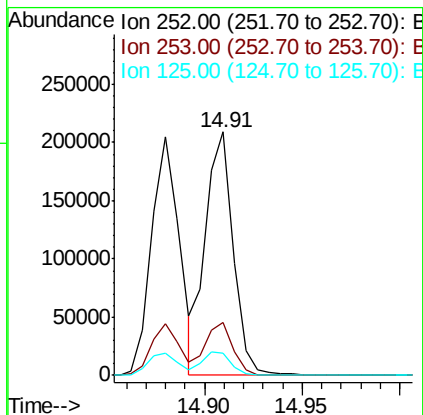
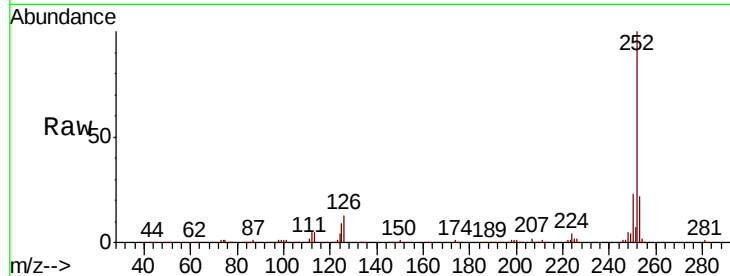




#89
Benzo(k)fluoranthene
Concen: 44.692 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

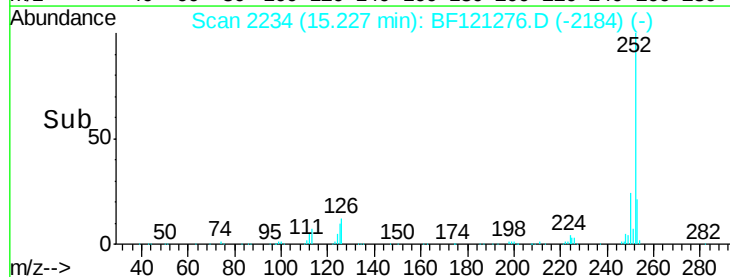
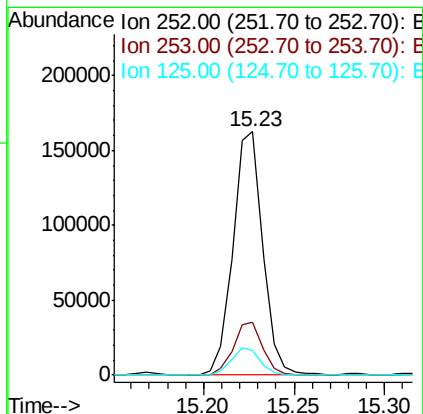
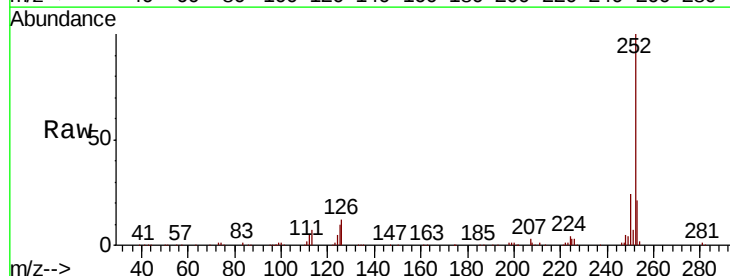
Instrument :
BNA_F
ClientSampled :
SP1-3MS

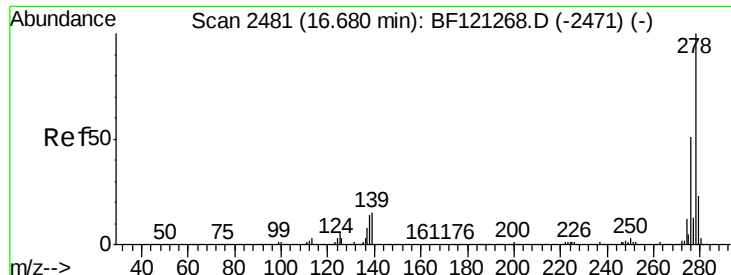
Tot Ion:252 Resp: 205749
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 8.9 8.8 13.2



#90
Benzo(a)pyrene
Concen: 41.562 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion:252 Resp: 185975
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 10.1 9.3 13.9

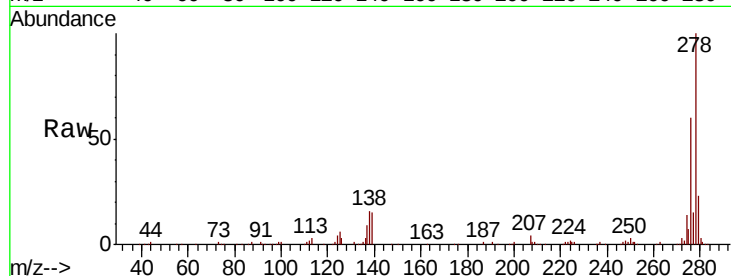




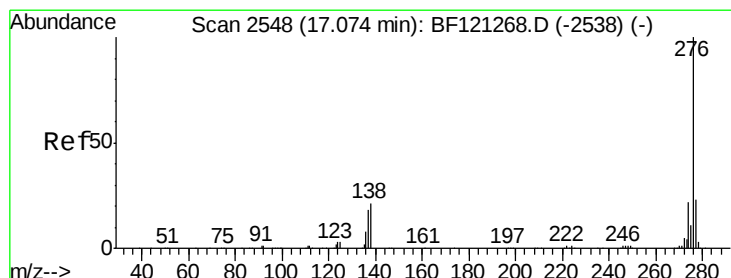
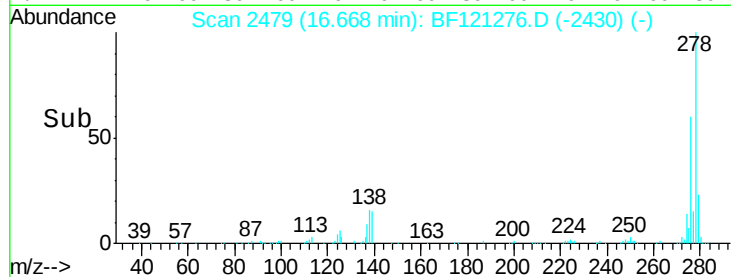
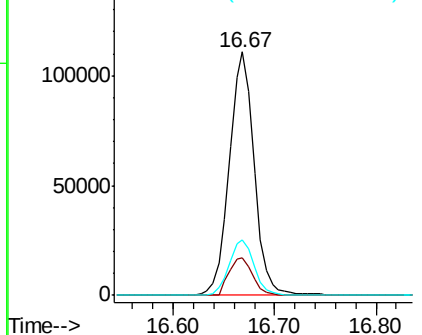
#91
Dibenzo(a,h)anthracene
Concen: 40.056 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Instrument :
BNA_F
ClientSampled :
SP1-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	19.0
279	22.8	18.8	28.2

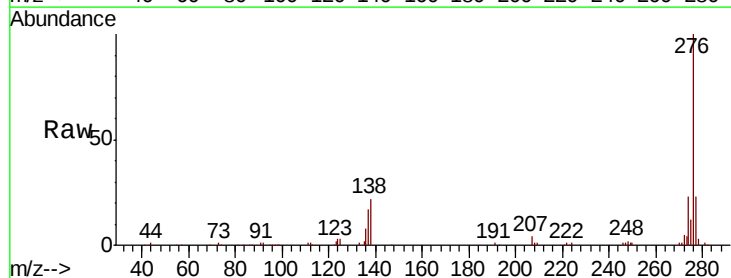


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.454 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF121276.D
Acq: 13 Aug 2020 18:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	21.7	16.2	24.2



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

