

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121066.D
 Acq On : 28 Jul 2020 13:20
 Operator : JU/CG
 Sample : L3435-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Quant Time: Jul 28 13:44:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159719	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629349	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	339967	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	671171	20.00	ng	0.00
76) Chrysene-d12	13.97	240	539478	20.00	ng	0.00
86) Perylene-d12	15.42	264	522193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1054518	108.24	ng	0.01
7) Phenol-d6	6.45	99	1337621	106.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	840016	77.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	419438	112.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1513658	66.48	ng	0.00
79) Terphenyl-d14	12.92	244	1641535	66.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	153738	34.286	ng	99
3) Pyridine	3.33	79	339742	28.483	ng	99
4) n-Nitrosodimethylamine	3.27	42	174875	34.285	ng	94
6) Aniline	6.47	93	337756	20.560	ng	100
8) 2-Chlorophenol	6.60	128	407471	37.964	ng	99
9) Benzaldehyde	6.36	77	273051	46.840	ng	99
10) Phenol	6.46	94	470248	33.968	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	380989	35.909	ng	97
12) 1,3-Dichlorobenzene	6.75	146	410854	35.302	ng	98
13) 1,4-Dichlorobenzene	6.83	146	418701	36.180	ng	98
14) 1,2-Dichlorobenzene	6.98	146	400312	36.564	ng	99
15) Benzyl Alcohol	6.96	79	317619	35.687	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	532905	34.847	ng	99
17) 2-Methylphenol	7.07	107	321422	33.788	ng	99
18) Hexachloroethane	7.33	117	152689	36.453	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	252766	35.320	ng	98
20) 3+4-Methylphenols	7.22	107	365642	30.215	ng	# 81
22) Acetophenone	7.22	105	504848	35.743	ng	# 94
24) Nitrobenzene	7.40	77	403975	34.461	ng	97
25) Isophorone	7.63	82	750311	34.565	ng	97
26) 2-Nitrophenol	7.71	139	214607	38.546	ng	95
27) 2,4-Dimethylphenol	7.75	122	347853	38.482	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	478335	36.100	ng	99
29) 2,4-Dichlorophenol	7.96	162	336098	36.386	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	356350	34.772	ng	99
31) Naphthalene	8.12	128	1109989	34.383	ng	100
32) Benzoic acid	7.88	122	262940	38.750	ng	98
33) 4-Chloroaniline	8.16	127	162308	11.271	ng	99
34) Hexachlorobutadiene	8.24	225	206673	34.210	ng	99
35) Caprolactam	8.54	113	110616	37.343	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	351709	37.126	ng	96
37) 2-Methylnaphthalene	8.81	142	772791	36.868	ng	99
38) 1-Methylnaphthalene	8.91	142	716507	36.092	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	346802	35.012	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	362840	66.280	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	248742	35.666	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	266374	33.671	ng	97
46) 1,1'-Biphenyl	9.27	154	934710	36.044	ng	99
47) 2-Chloronaphthalene	9.30	162	720244	34.065	ng	99
48) 2-Nitroaniline	9.39	65	223628	34.999	ng	100
49) Acenaphthylene	9.72	152	1164067	35.440	ng	99
50) Dimethylphthalate	9.57	163	1063304	43.353	ng	98
51) 2,6-Dinitrotoluene	9.64	165	198411	37.654	ng	# 85
52) Acenaphthene	9.89	154	685826	32.842	ng	100
53) 3-Nitroaniline	9.80	138	114932	17.391	ng	99
54) 2,4-Dinitrophenol	9.92	184	187691	63.430	ng	# 82
55) Dibenzofuran	10.06	168	1035679	34.296	ng	100
56) 4-Nitrophenol	9.97	139	338637	67.456	ng	93
57) 2,4-Dinitrotoluene	10.04	165	258160	37.308	ng	95
58) Fluorene	10.40	166	765335	33.981	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	234168	38.877	ng	97
60) Diethylphthalate	10.27	149	892312	35.969	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	374851	31.204	ng	97
62) 4-Nitroaniline	10.42	138	214420	33.308	ng	95
63) Azobenzene	10.55	77	814764	34.498	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	131858	35.070	ng	87
66) n-Nitrosodiphenylamine	10.51	169	739380	35.019	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	256030	34.215	ng	94
68) Hexachlorobenzene	10.95	284	283380	35.008	ng	95
69) Atrazine	11.04	200	213585	40.847	ng	98
70) Pentachlorophenol	11.15	266	347002	74.828	ng	100
71) Phenanthrene	11.36	178	1175964	34.068	ng	100
72) Anthracene	11.42	178	1254947	36.206	ng	99
73) Carbazole	11.57	167	1176238	34.195	ng	100
74) Di-n-butylphthalate	11.90	149	1442690	36.344	ng	100
75) Fluoranthene	12.54	202	1354750	35.408	ng	99
77) Benzidine	12.67	184	622161	43.864	ng	99
78) Pyrene	12.77	202	1376143	36.080	ng	100
80) Butylbenzylphthalate	13.40	149	643989	37.875	ng	95
81) Benzo(a)anthracene	13.96	228	1112192	34.045	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	359072	29.134	ng	99
83) Chrysene	14.00	228	1198853	34.921	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	810132	38.639	ng	100
85) Di-n-octyl phthalate	14.56	149	1553995	37.254	ng	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1186758	32.678	ng	99
88) Benzo(b)fluoranthene	15.00	252	1161757	36.806	ng	100
89) Benzo(k)fluoranthene	15.03	252	1132731	39.349	ng	100
90) Benzo(a)pyrene	15.36	252	1033556	35.889	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	997585	33.628	ng	98
92) Benzo(g,h,i)perylene	17.29	276	964854	32.987	ng	99

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

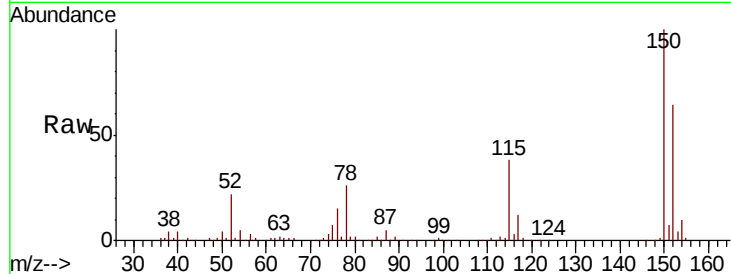


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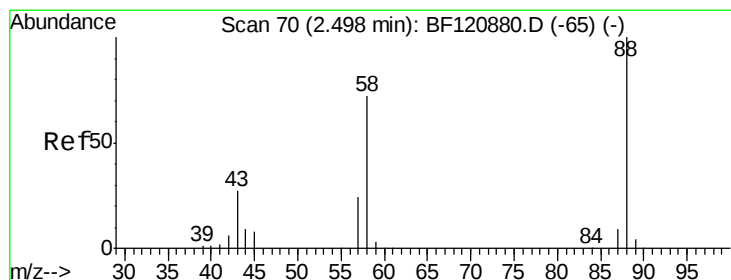
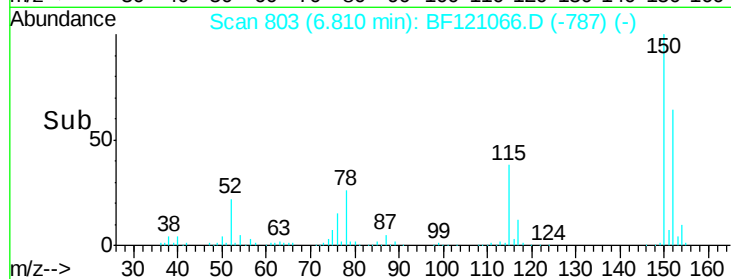
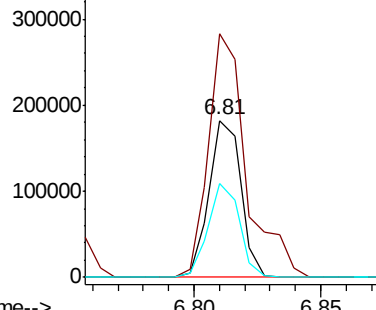
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:152 Resp: 159719
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.6
115 59.6 47.0 70.4



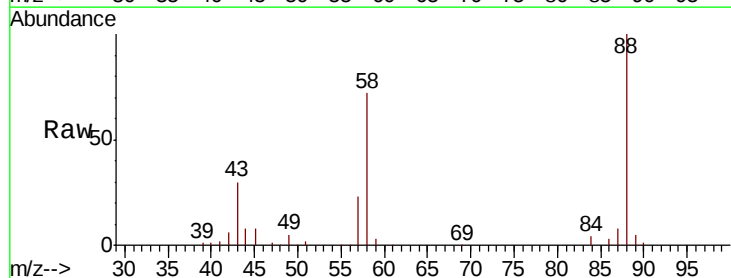
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



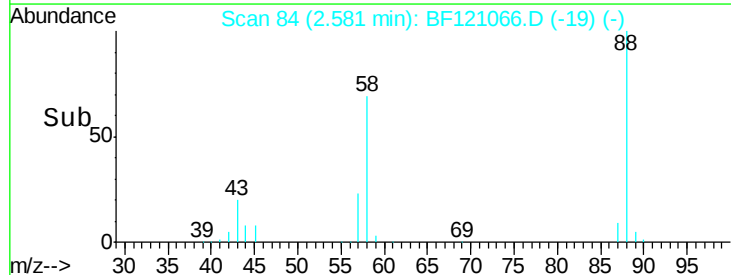
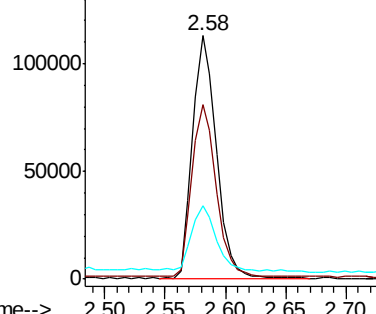
#2

1,4-Dioxane
Concen: 34.286 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion: 88 Resp: 153738
Ion Ratio Lower Upper
88 100
58 73.5 58.2 87.2
43 27.2 22.1 33.1



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

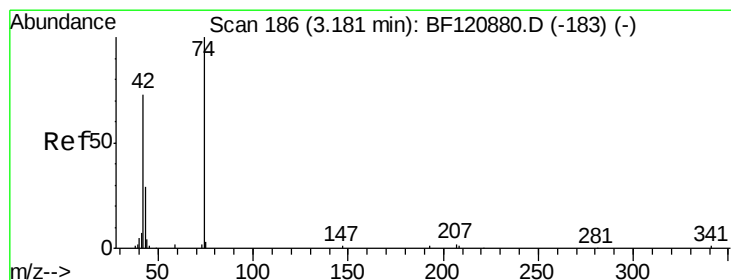
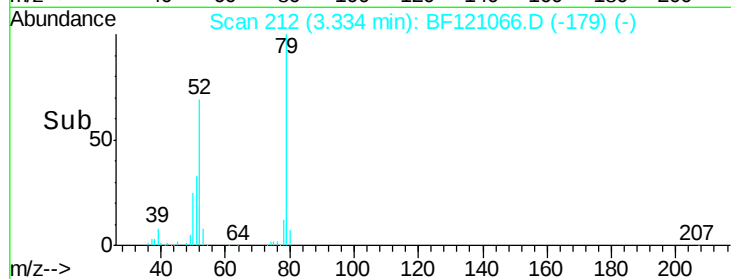
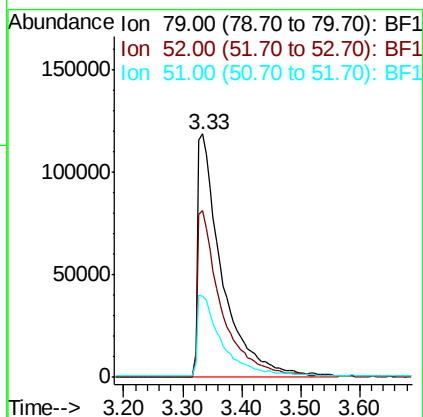
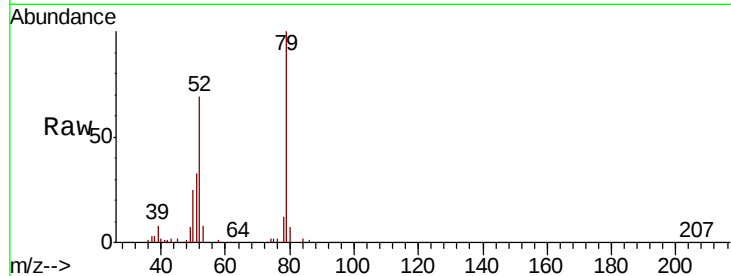




#3
 Pvridine
 Concen: 28.483 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.09 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

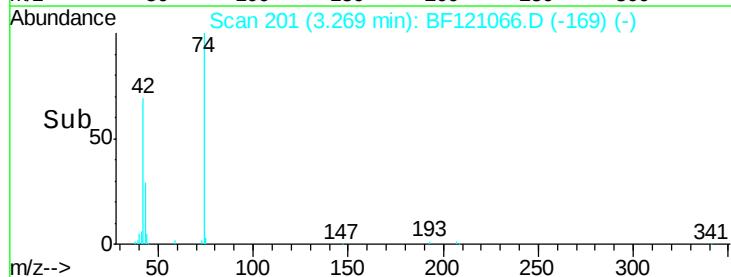
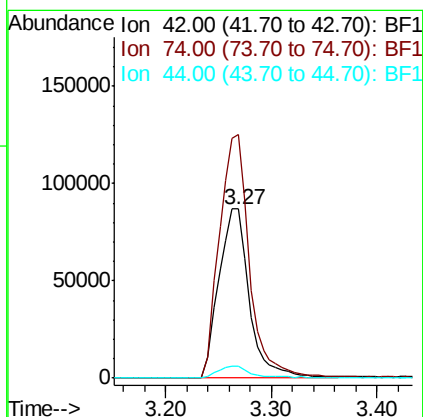
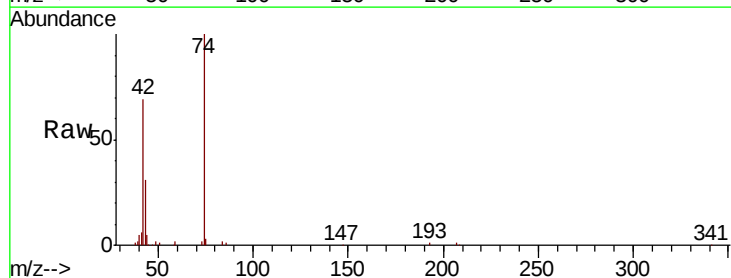
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

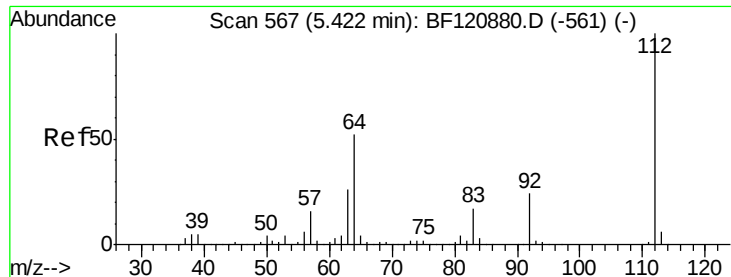
Tot Ion: 79 Resp: 339742
 Ion Ratio Lower Upper
 79 100
 52 68.5 55.0 82.6
 51 33.1 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 34.285 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.09 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion: 42 Resp: 174875
 Ion Ratio Lower Upper
 42 100
 74 144.0 108.7 163.1
 44 6.8 5.2 7.8





#5

2-Fluorophenol

Concen: 108.236 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

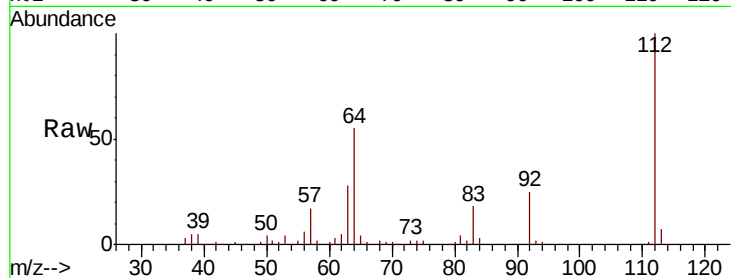
Tot Ion:112 Resp: 1054518

Ion Ratio Lower Upper

112 100

64 54.8 41.3 61.9

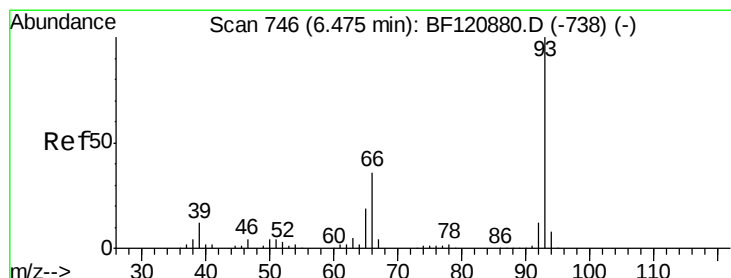
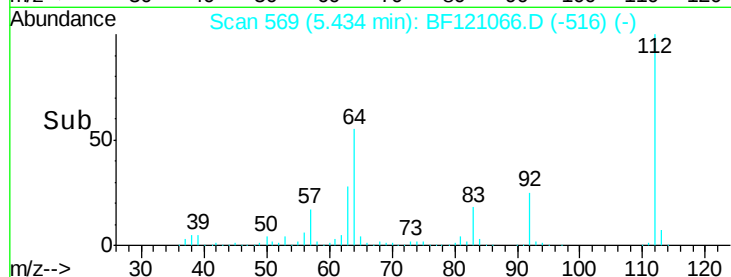
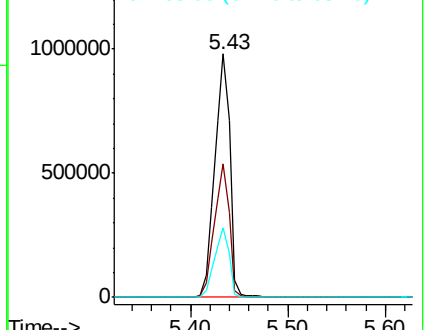
63 28.5 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.560 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

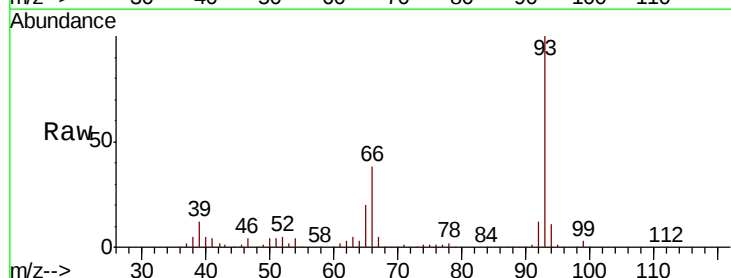
Tgt Ion: 93 Resp: 337756

Ion Ratio Lower Upper

93 100

66 37.9 30.2 45.4

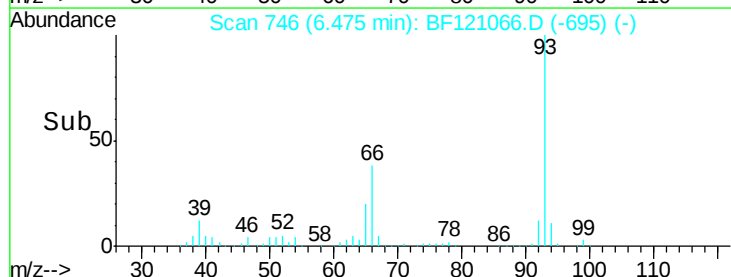
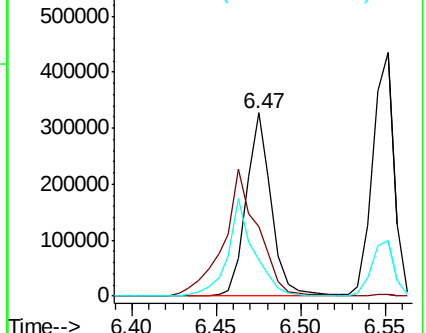
65 20.1 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.285 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

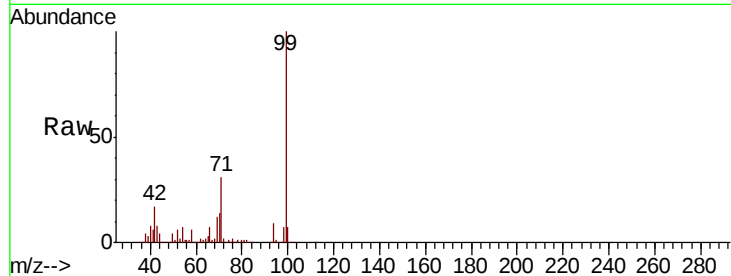
Tot Ion: 99 Resp: 1337621

Ion Ratio Lower Upper

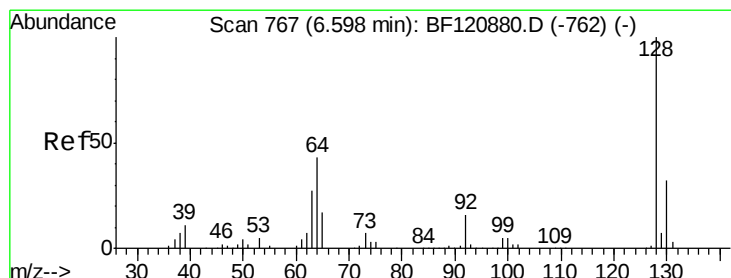
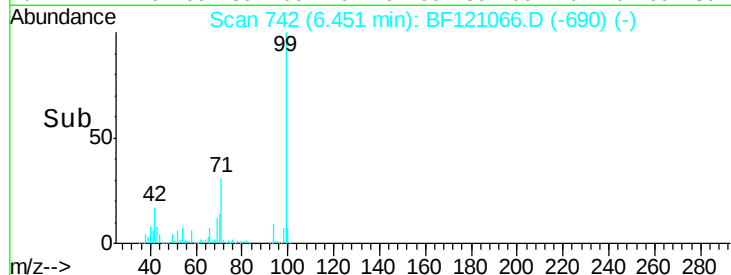
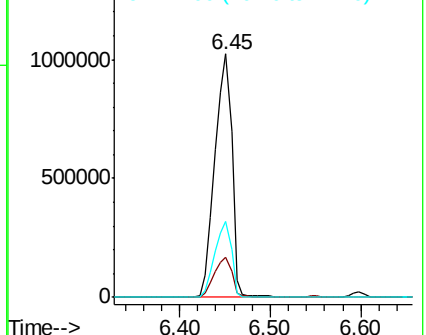
99 100

42 16.5 13.1 19.7

71 31.0 24.2 36.4



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



#8

2-Chlorophenol

Concen: 37.964 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

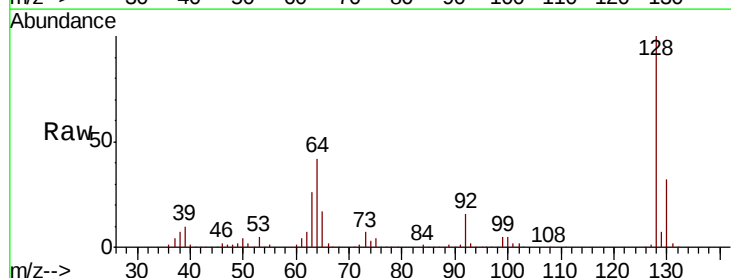
Tgt Ion: 128 Resp: 407471

Ion Ratio Lower Upper

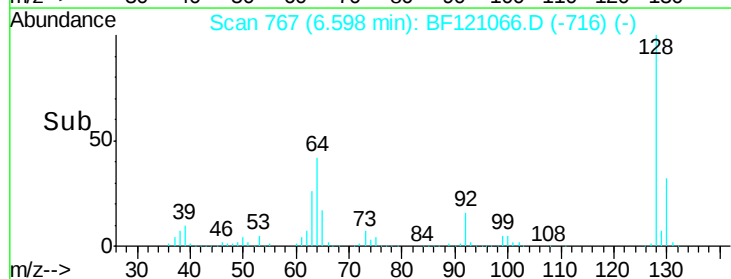
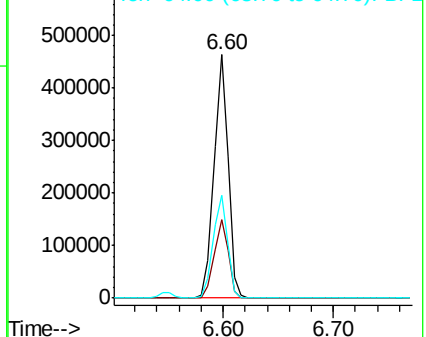
128 100

130 32.1 12.1 52.1

64 42.5 24.0 64.0



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





#9

Benzaldehyde

Concen: 46.840 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

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ClientSampled :

SP-1MS

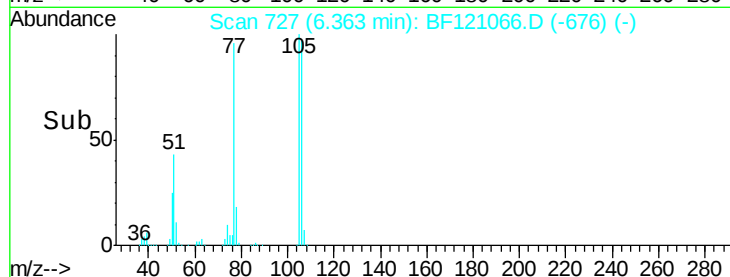
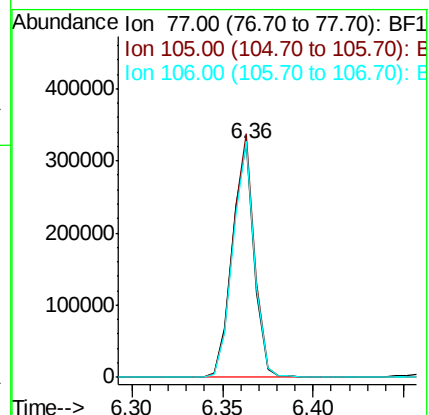
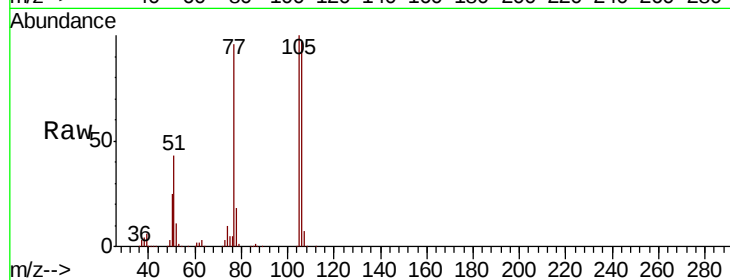
Tot Ion: 77 Resp: 273051

Ion Ratio Lower Upper

77 100

105 103.8 82.5 122.5

106 100.3 78.7 118.7



#10

Phenol

Concen: 33.968 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

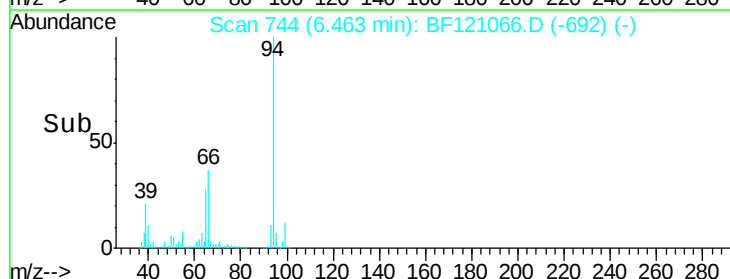
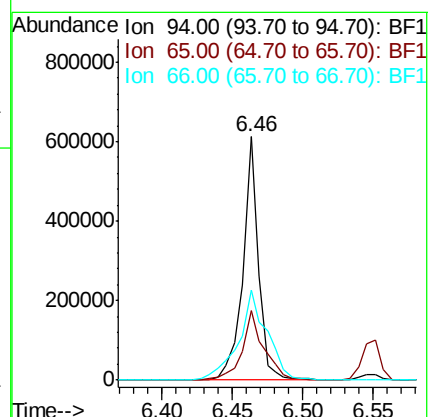
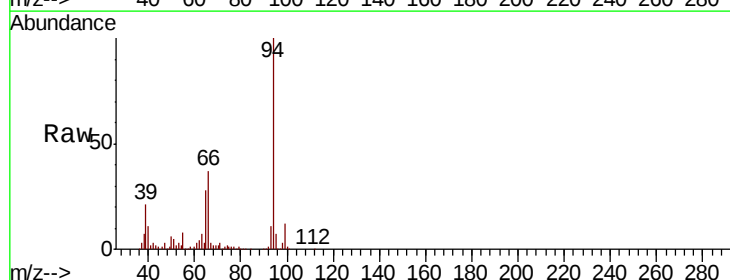
Tgt Ion: 94 Resp: 470248

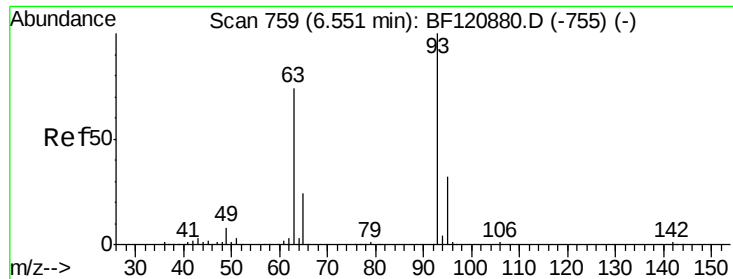
Ion Ratio Lower Upper

94 100

65 28.4 6.6 46.6

66 37.1 13.2 53.2

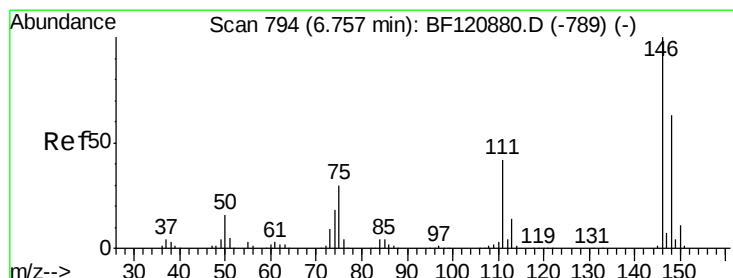
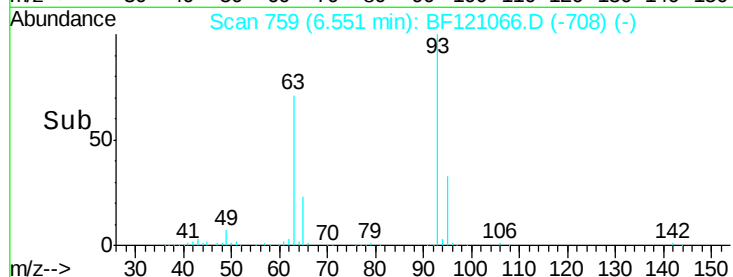
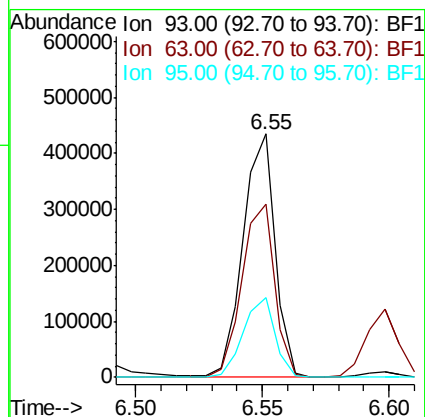
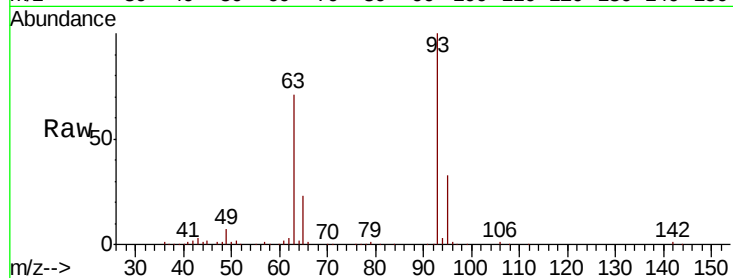




#11
bis(2-Chloroethyl)ether
Concen: 35.909 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

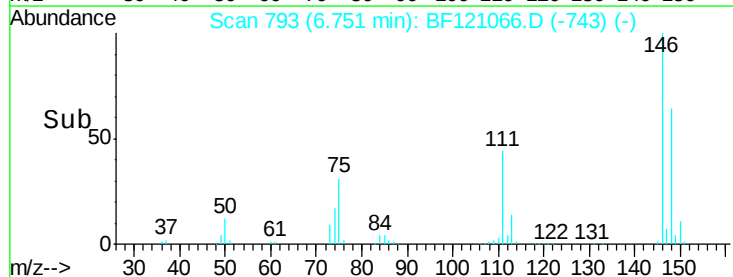
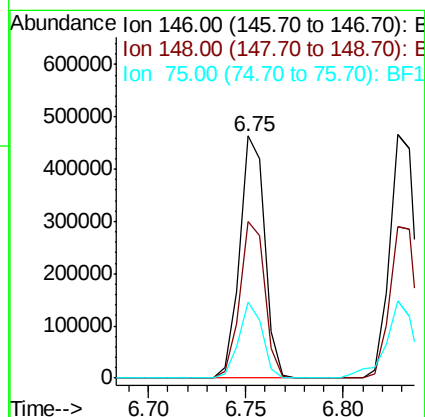
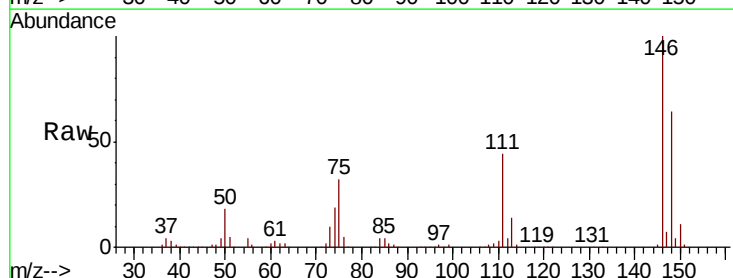
Instrument :
BNA_F
ClientSampled :
SP-1MS

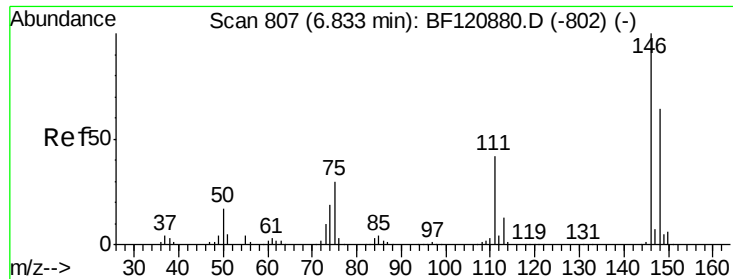
Tot Ion: 93 Resp: 380989
Ion Ratio Lower Upper
93 100
63 71.3 54.2 94.2
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 35.302 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion: 146 Resp: 410854
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 31.5 24.1 36.1

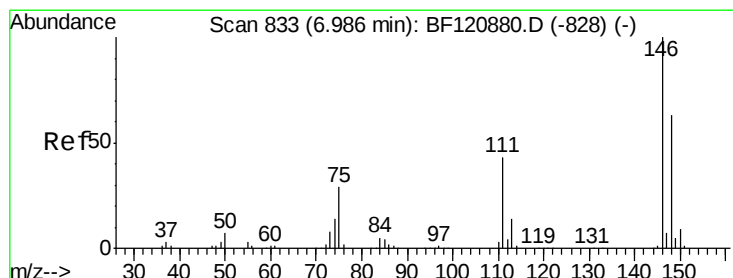
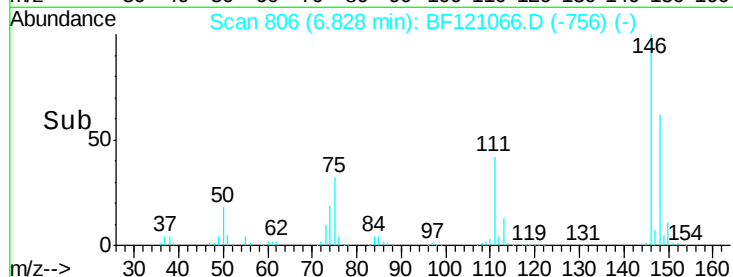
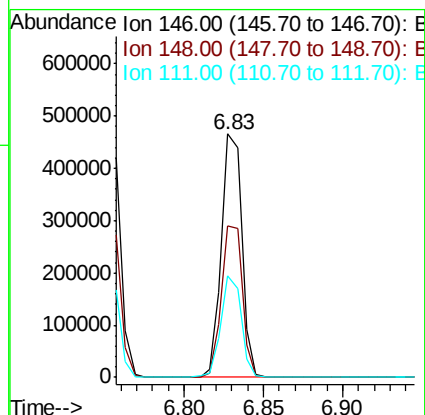
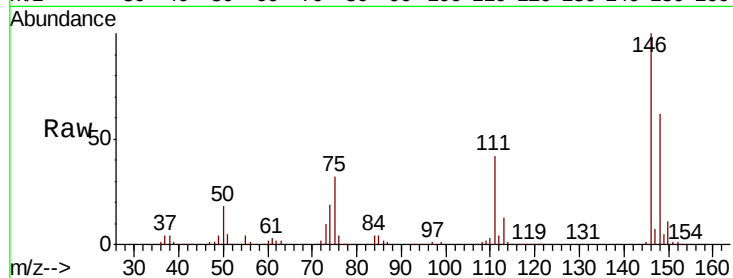




#13
 1,4-Dichlorobenzene
 Concen: 36.180 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

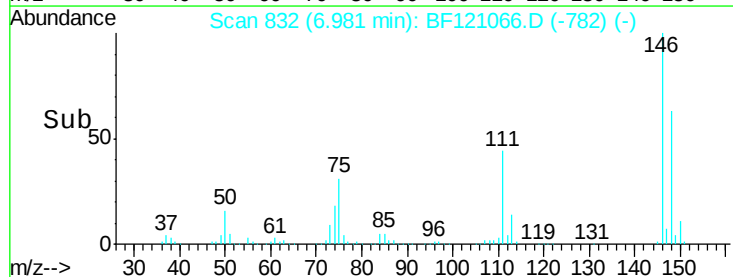
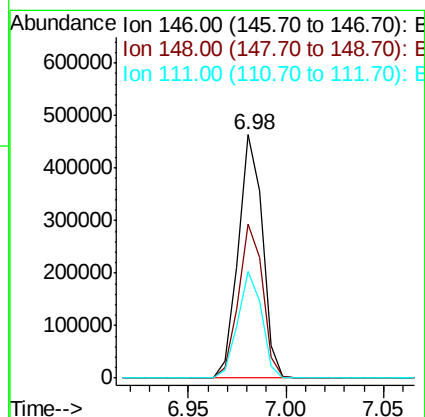
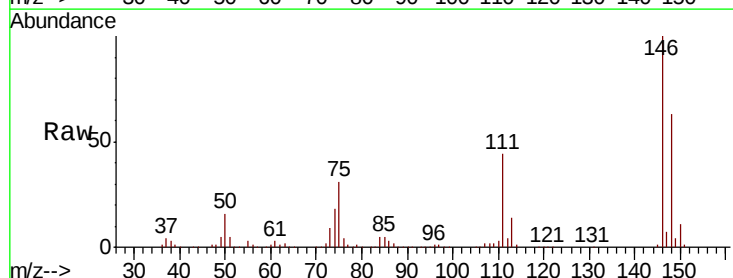
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:146 Resp: 418701
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.6 77.4
 111 41.8 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 36.564 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:146 Resp: 400312
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 43.9 34.2 51.2





#15

Benzyl Alcohol

Concen: 35.687 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

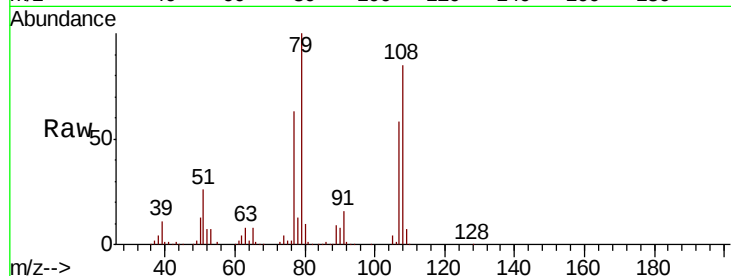
Tot Ion: 79 Resp: 317619

Ion Ratio Lower Upper

79 100

108 84.7 67.0 100.6

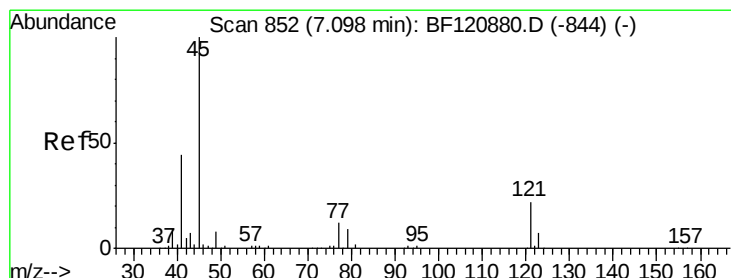
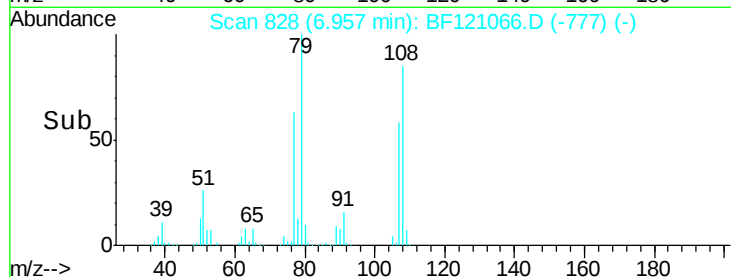
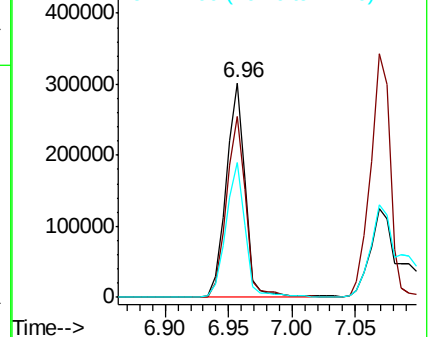
77 63.2 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.847 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

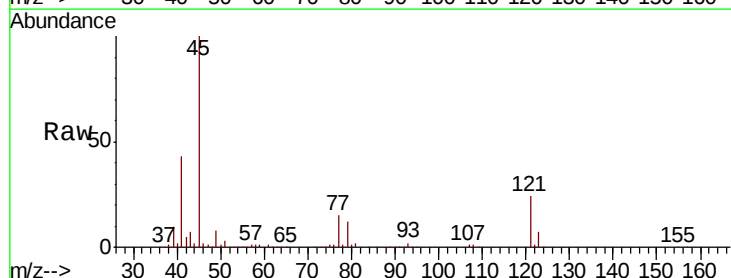
Tgt Ion: 45 Resp: 532905

Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.3

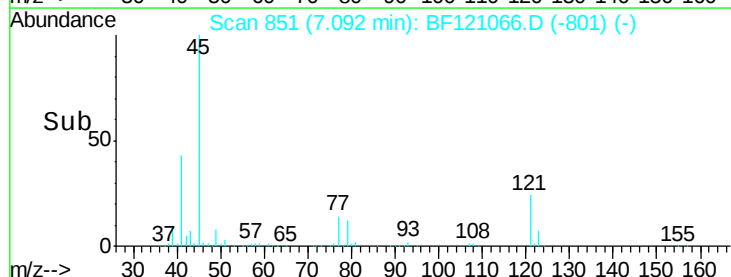
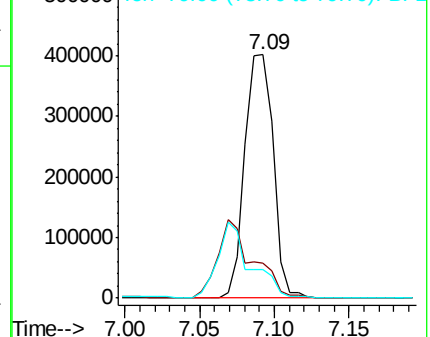
79 11.7 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

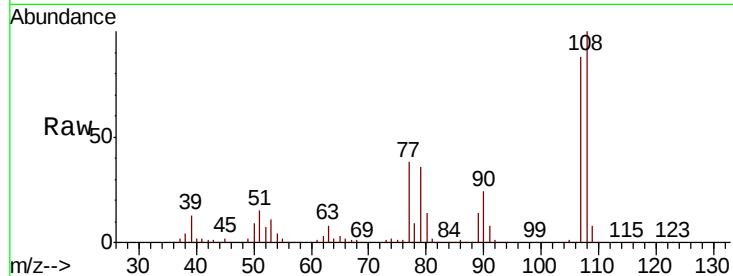




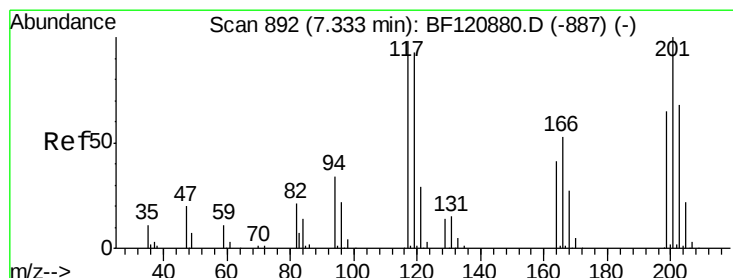
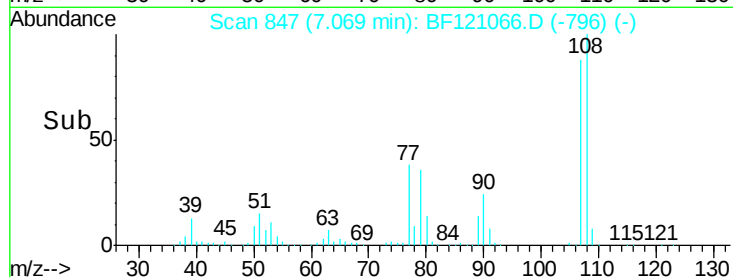
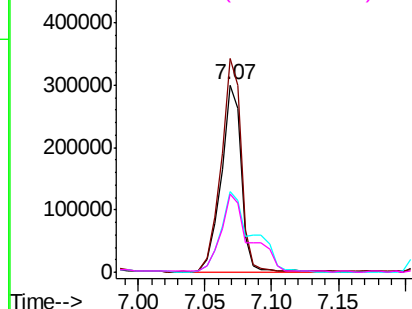
#17
2-Methylphenol
Concen: 33.788 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleID :
SP-1MS

Tot Ion:107 Resp: 321422
Ion Ratio Lower Upper
107 100
108 114.0 92.0 138.0
77 43.3 34.0 51.0
79 41.6 33.3 49.9

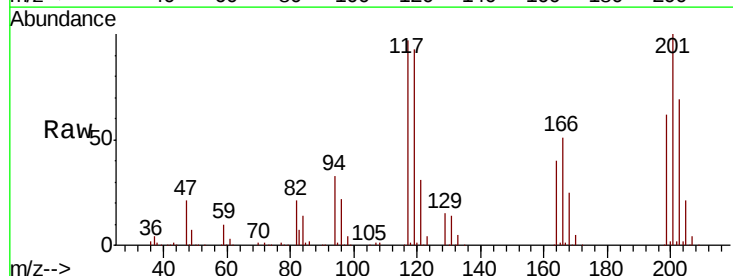


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

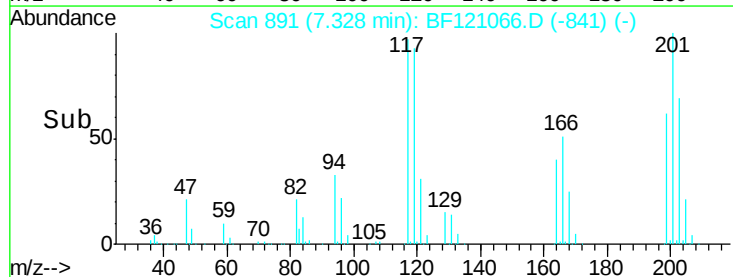
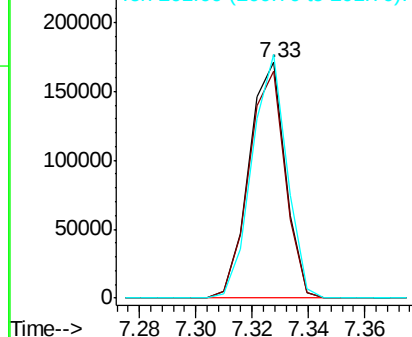


#18
Hexachloroethane
Concen: 36.453 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:117 Resp: 152689
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
201 103.4 81.7 122.5



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

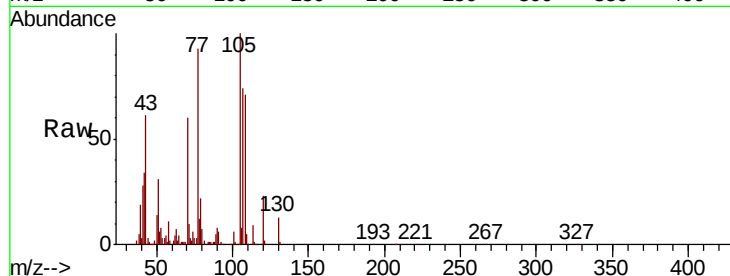




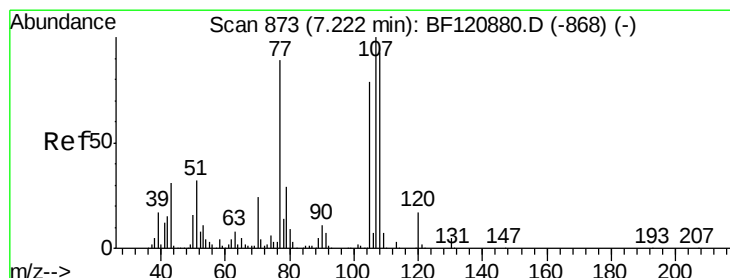
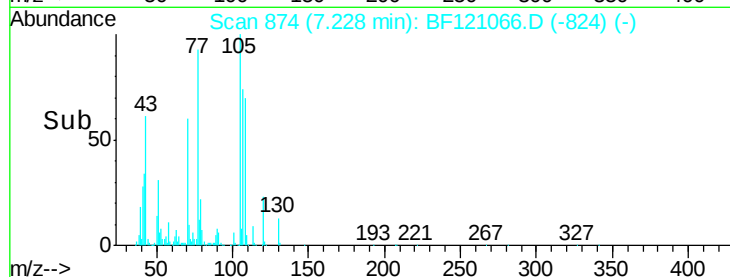
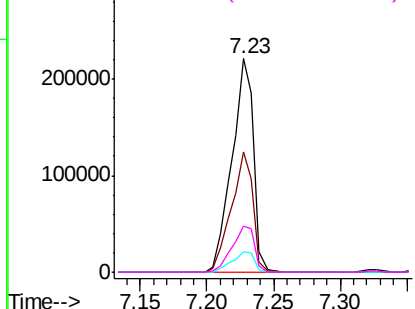
#19
n-Nitroso-di-n-propylamine
Concen: 35.320 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion: 70 Resp: 252766
Ion Ratio Lower Upper
70 100
42 56.1 44.0 66.0
101 9.8 7.8 11.6
130 21.4 18.7 28.1

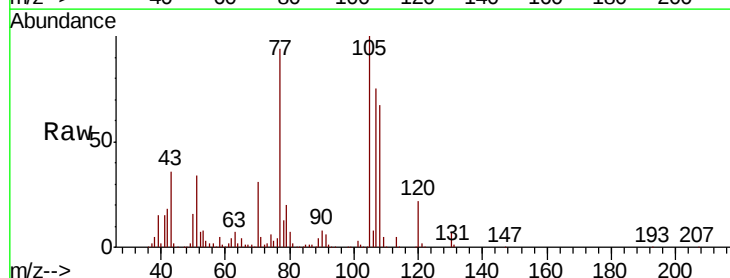


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

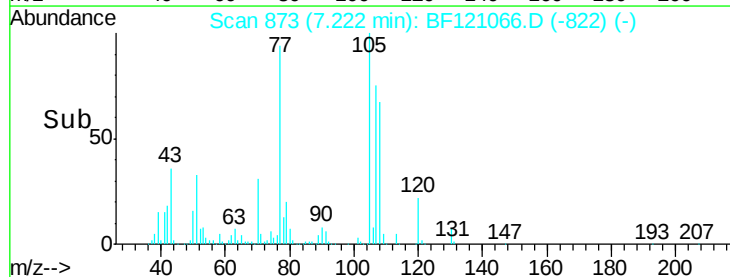
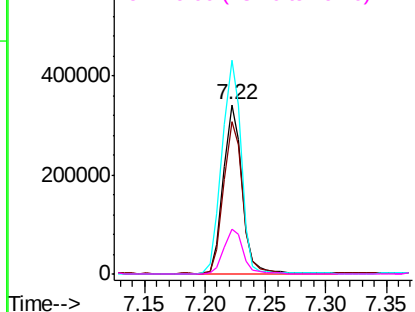


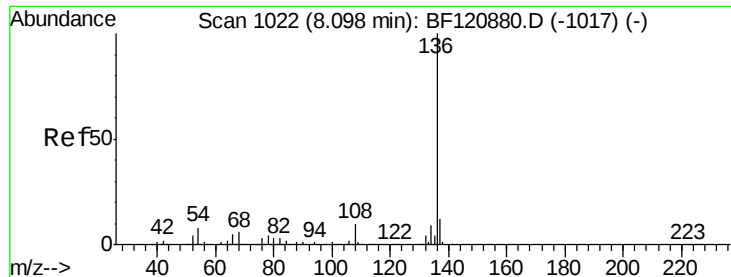
#20
3+4-Methylphenols
Concen: 30.215 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:107 Resp: 365642
Ion Ratio Lower Upper
107 100
108 89.7 72.8 112.8
77 126.0 68.7 108.7#
79 26.4 8.5 48.5



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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

Tot Ion:136 Resp: 629349

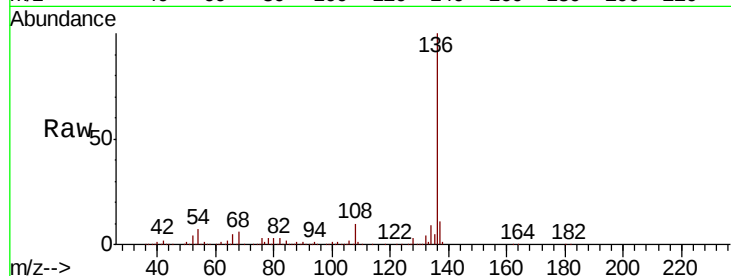
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.7 6.3 9.5

68 5.6 5.0 7.4

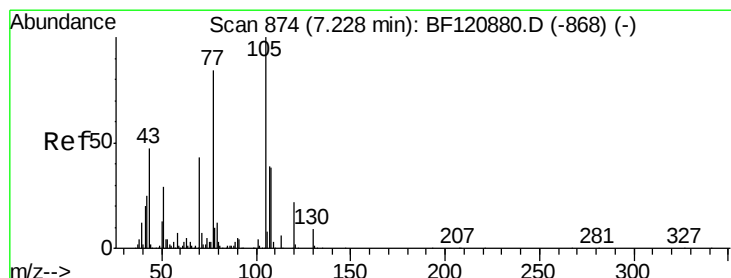
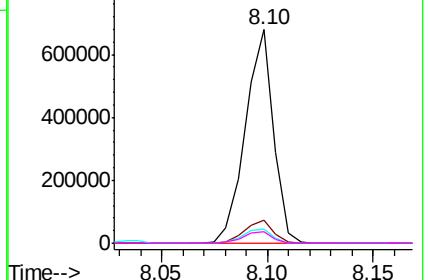
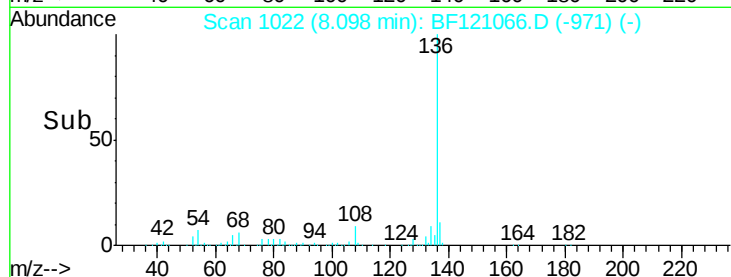


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.743 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:105 Resp: 504848

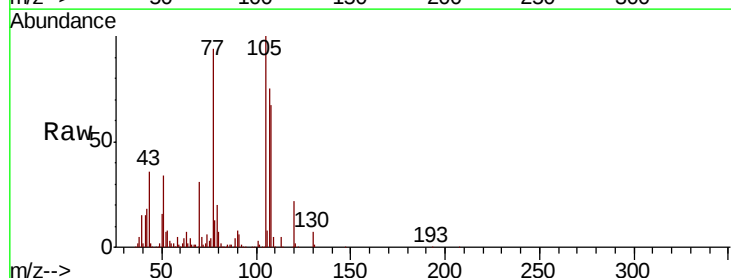
Ion Ratio Lower Upper

105 100

71 5.2 5.7 8.5#

51 33.6 22.9 34.3

120 21.7 18.0 27.0

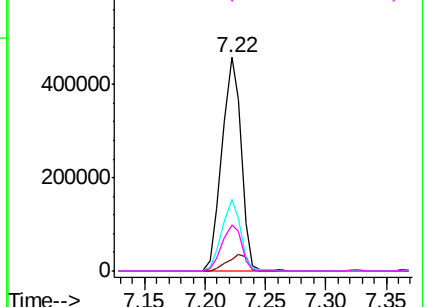
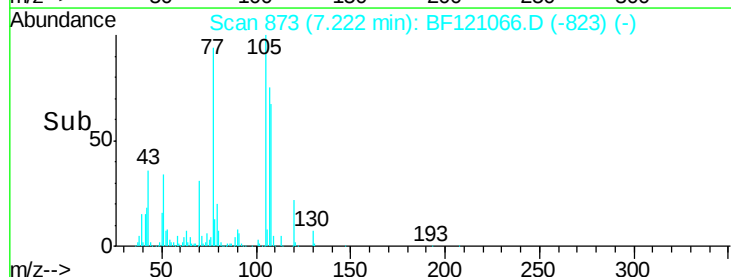


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

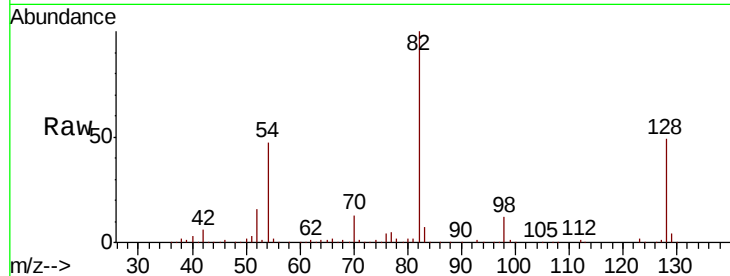




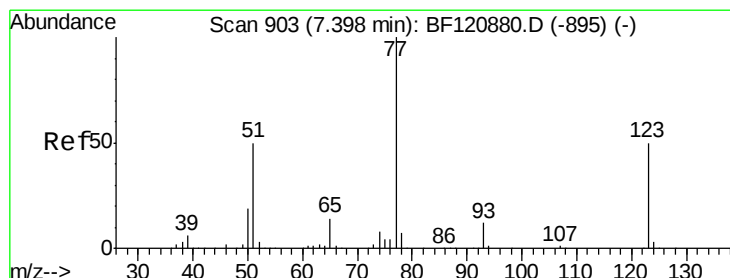
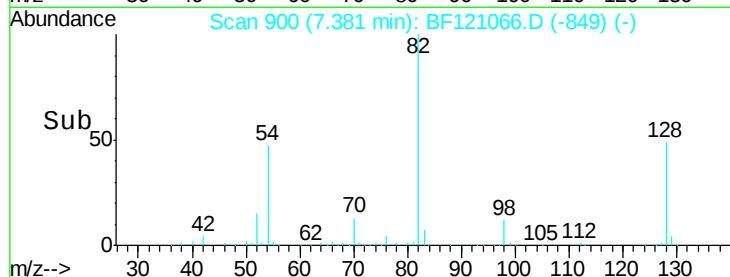
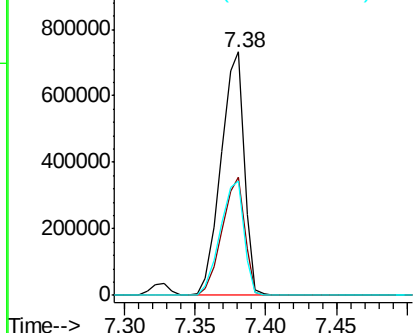
#23
Nitrobenzene-d5
Concen: 77.232 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion: 82 Resp: 840016
Ion Ratio Lower Upper
82 100
128 48.6 38.2 57.4
54 46.9 38.7 58.1

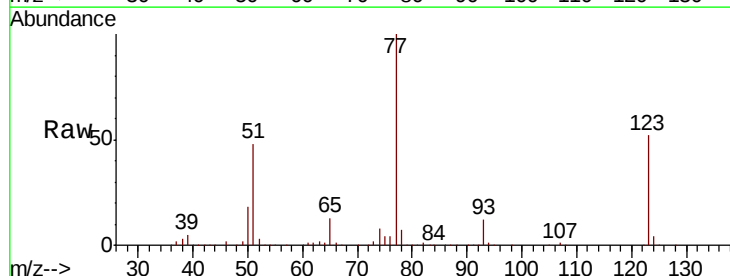


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

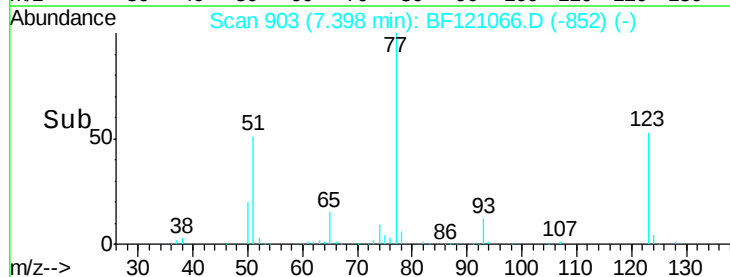
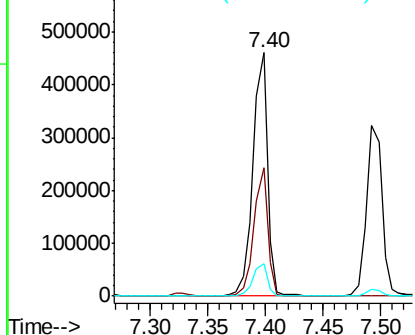


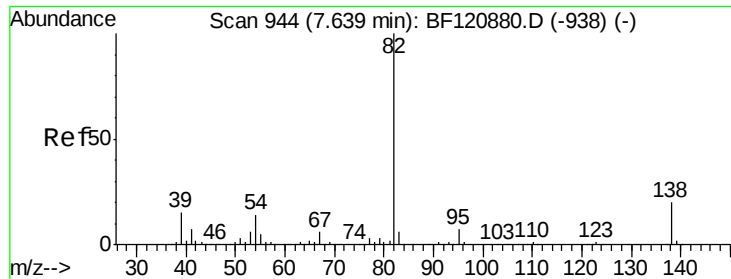
#24
Nitrobenzene
Concen: 34.461 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion: 77 Resp: 403975
Ion Ratio Lower Upper
77 100
123 52.5 40.1 60.1
65 13.3 10.8 16.2



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





#25

Isophorone

Concen: 34.565 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

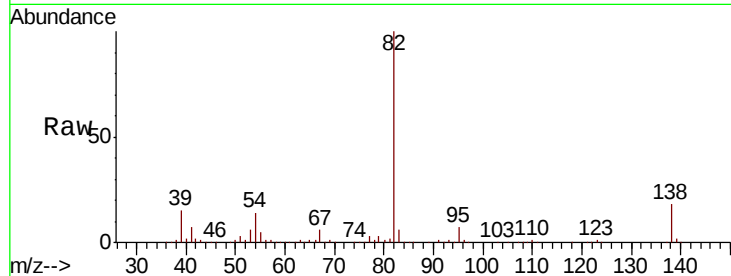
Tot Ion: 82 Resp: 750311

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

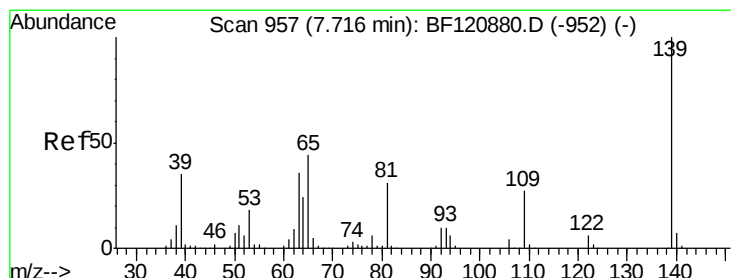
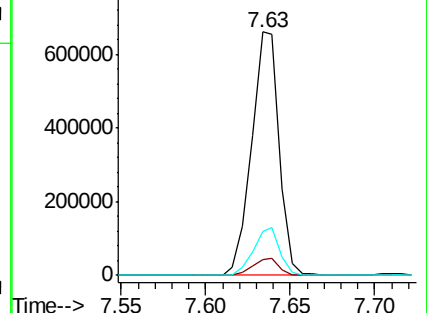
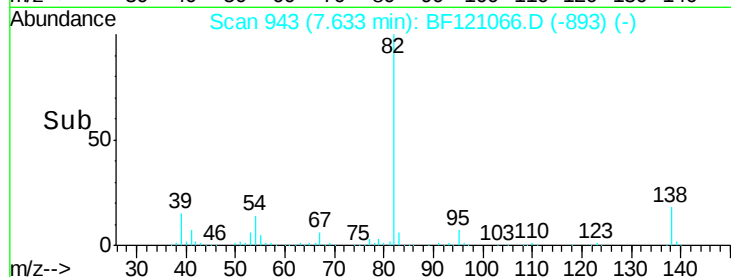
138 18.0 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.546 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

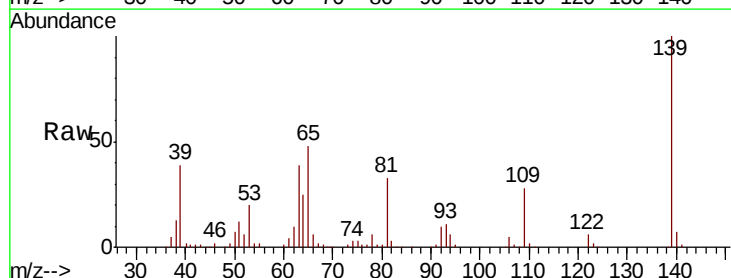
Tgt Ion: 139 Resp: 214607

Ion Ratio Lower Upper

139 100

109 28.3 21.6 32.4

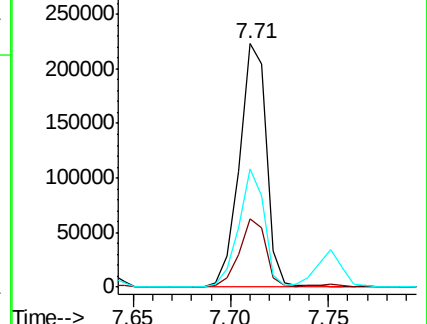
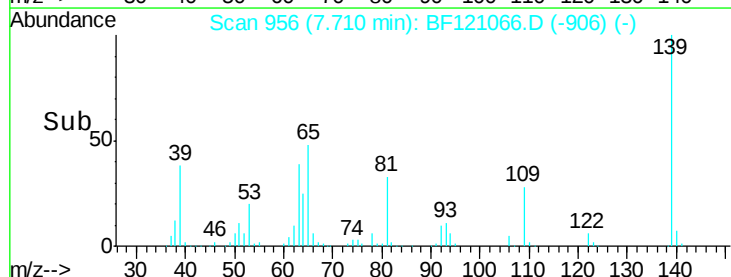
65 48.5 35.3 52.9

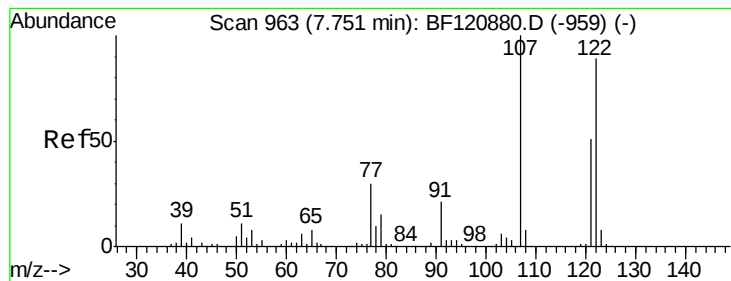


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.482 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampled :

SP-1MS

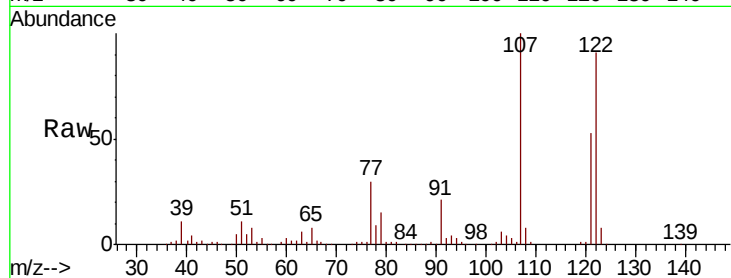
Tot Ion:122 Resp: 347853

Ion Ratio Lower Upper

122 100

107 110.2 89.4 134.0

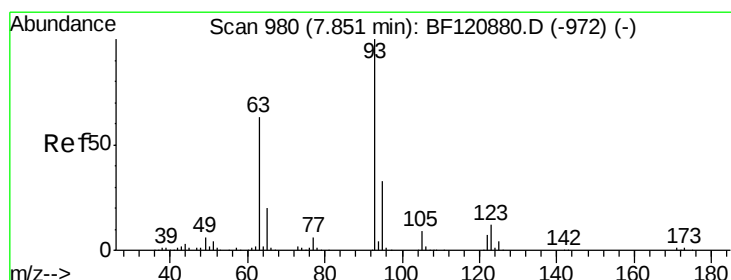
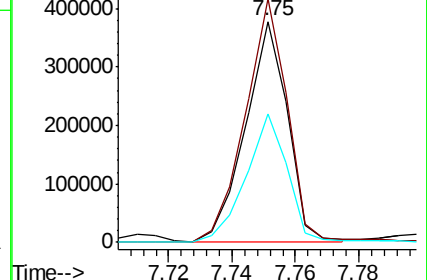
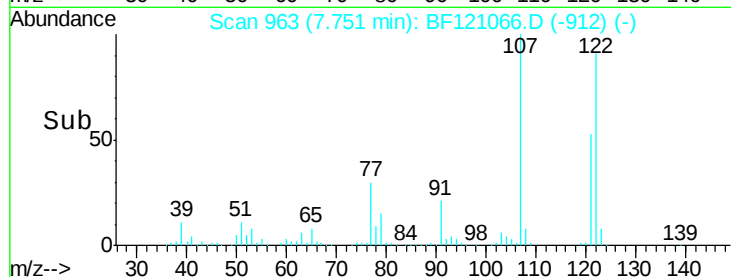
121 58.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.100 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

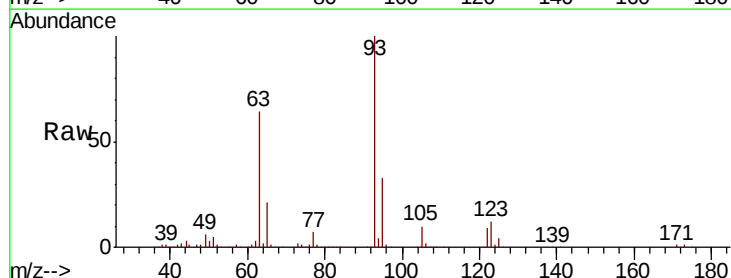
Tgt Ion: 93 Resp: 478335

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

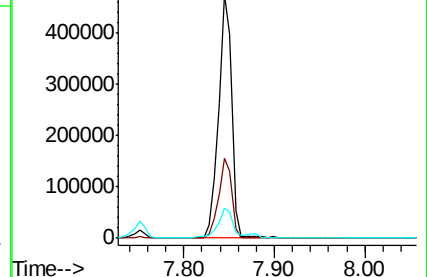
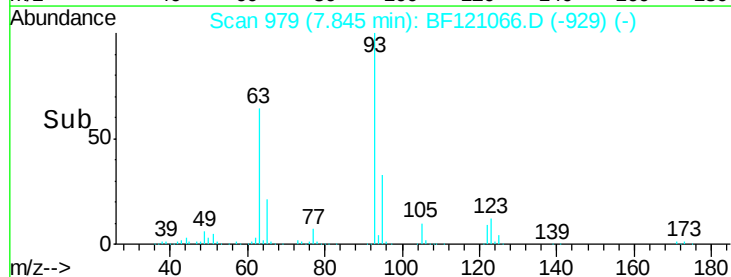
123 12.1 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

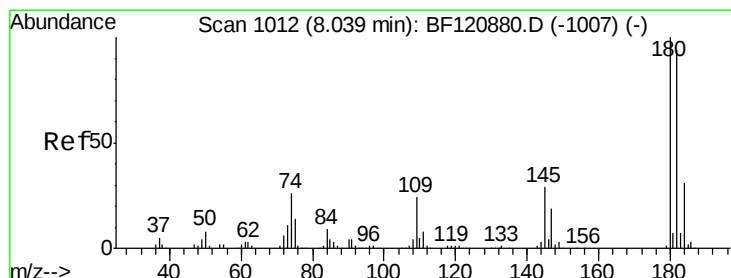
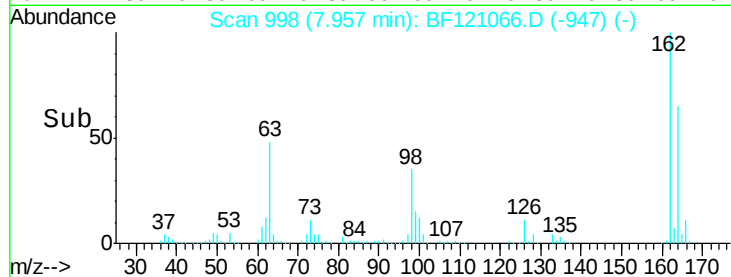
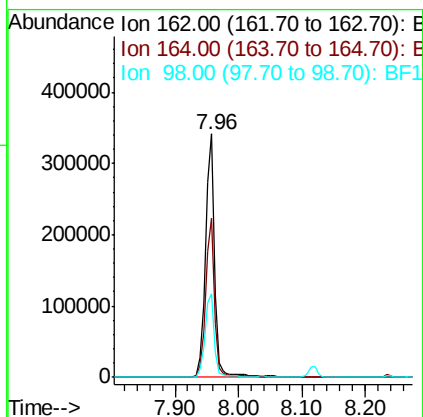
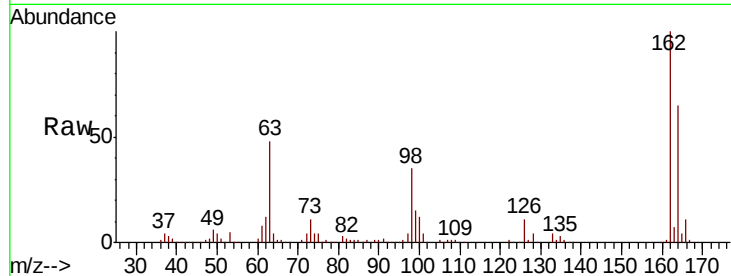




#29
 2,4-Dichlorophenol
 Concen: 36.386 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

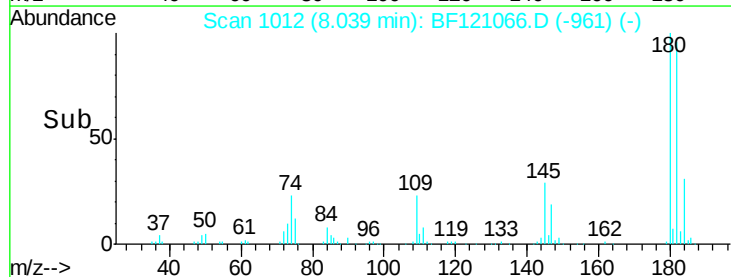
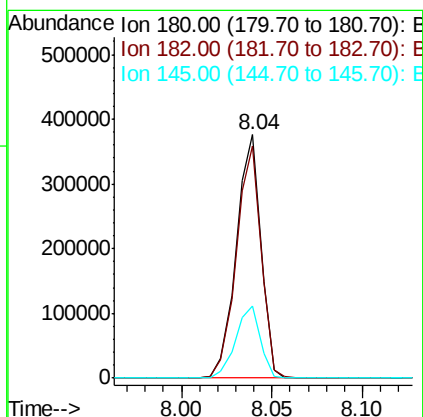
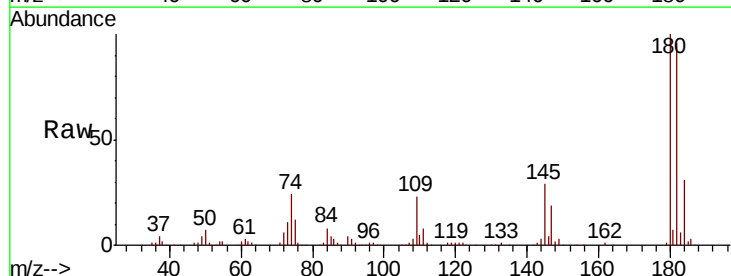
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

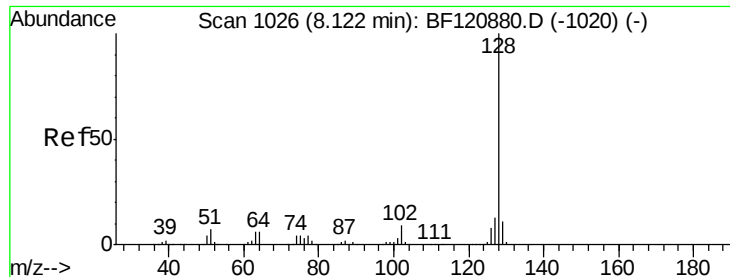
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.3	85.3
98	34.5	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.772 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	29.5	23.5	35.3

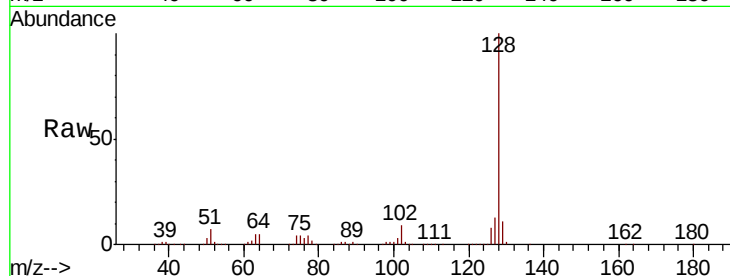




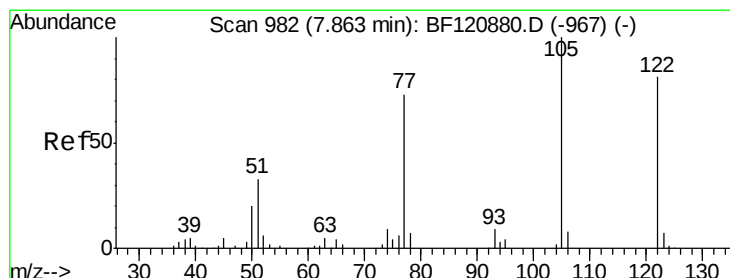
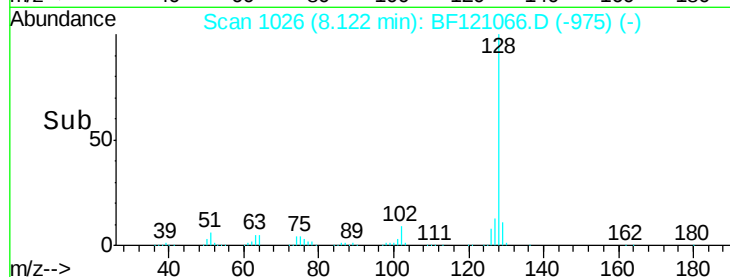
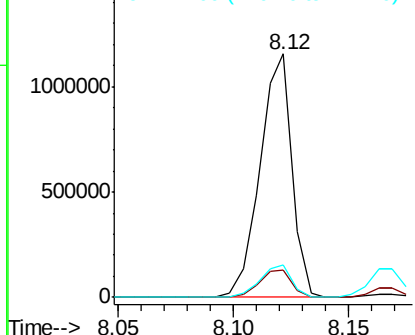
#31
Naphthalene
Concen: 34.383 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:128 Resp: 1109989
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.7 16.1

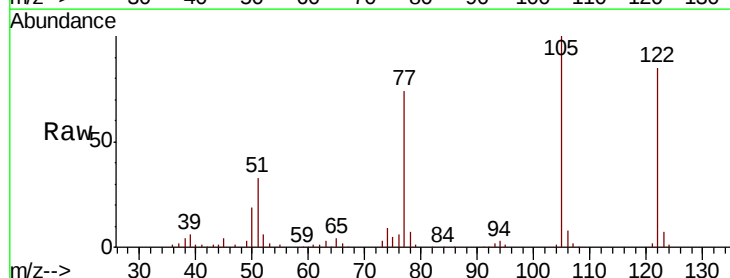


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

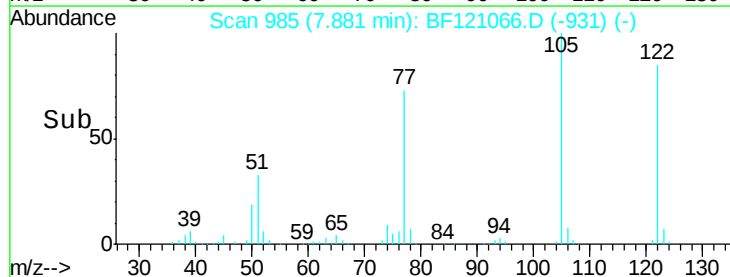
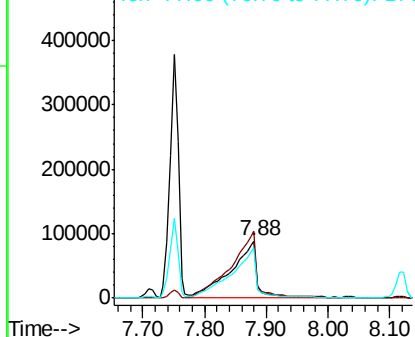


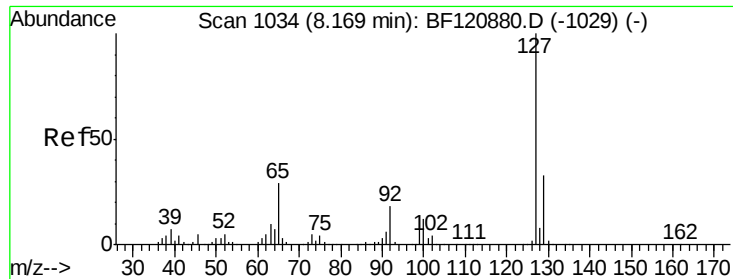
#32
Benzoic acid
Concen: 38.750 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.02 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:122 Resp: 262940
Ion Ratio Lower Upper
122 100
105 118.1 101.3 141.3
77 87.9 69.1 109.1



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

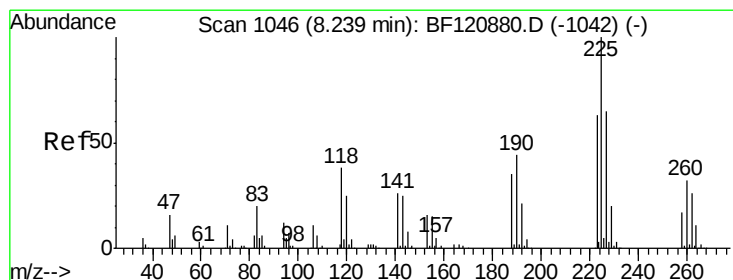
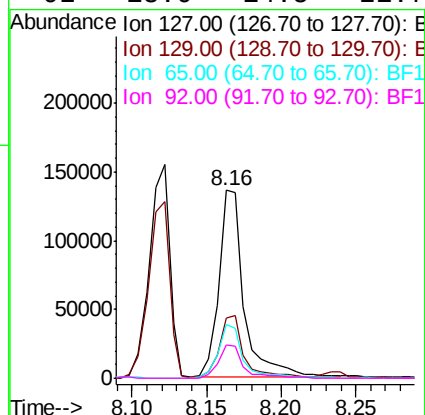
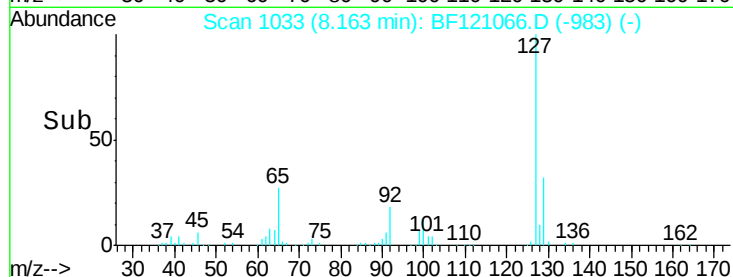
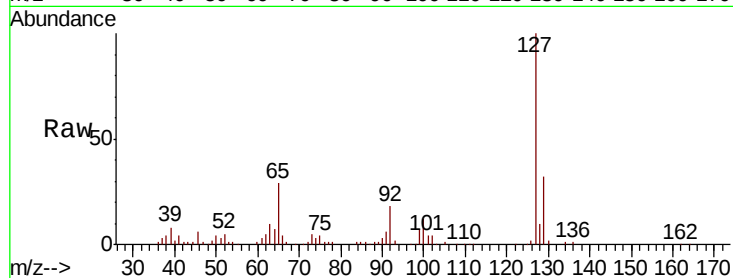




#33
4-Chloroaniline
Concen: 11.271 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

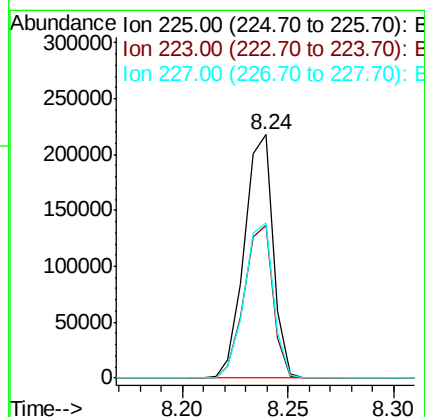
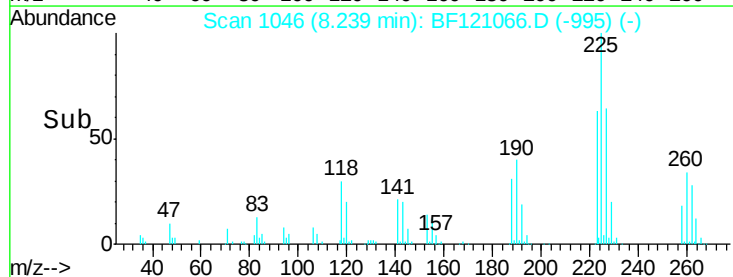
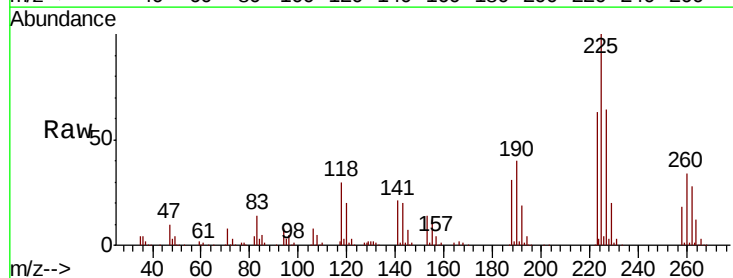
Instrument :
BNA_F
ClientSampleId :
SP-1MS

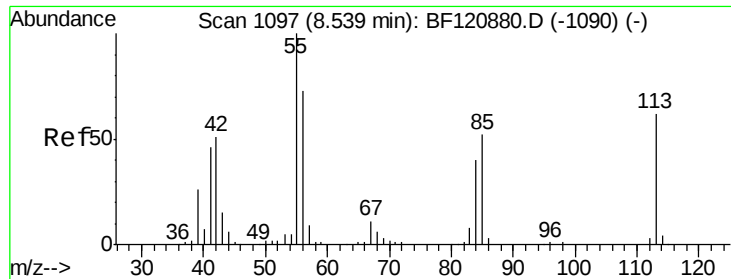
Tot Ion:127 Resp: 162308
Ion Ratio Lower Upper
127 100
129 32.0 26.5 39.7
65 29.0 23.0 34.4
92 18.0 14.5 21.7



#34
Hexachlorobutadiene
Concen: 34.210 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:225 Resp: 206673
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 63.7 52.2 78.2

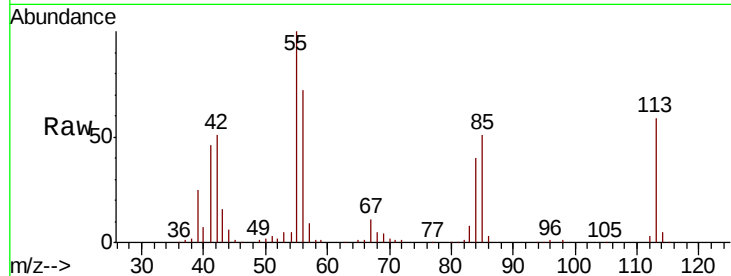




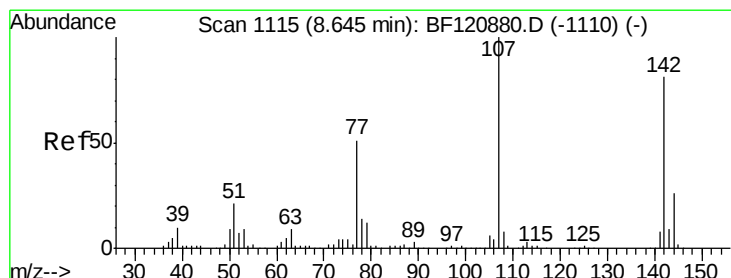
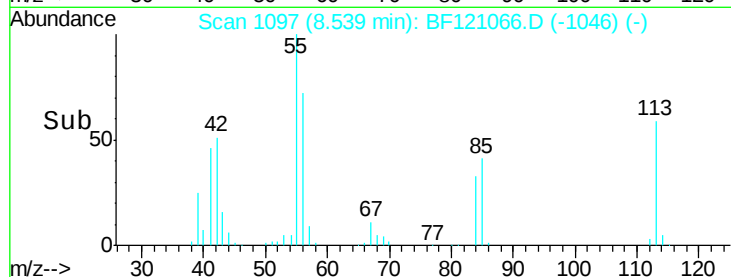
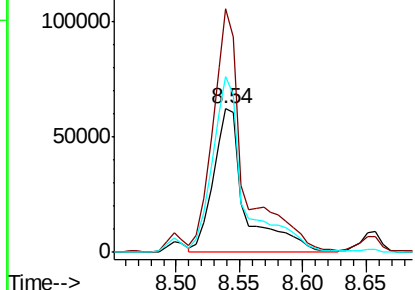
#35
 Caprolactam
 Concen: 37.343 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:113 Resp: 110616
 Ion Ratio Lower Upper
 113 100
 55 169.5 143.3 183.3
 56 122.4 99.4 139.4

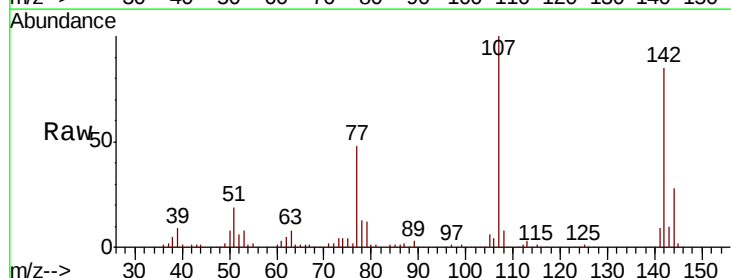


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

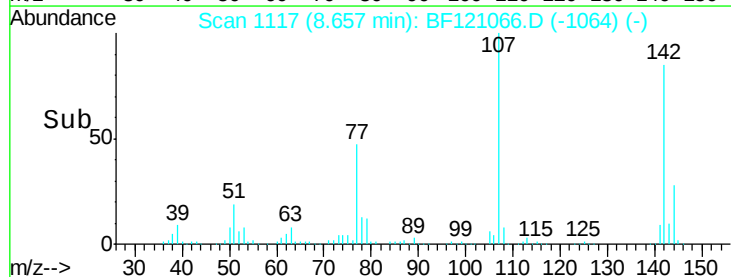
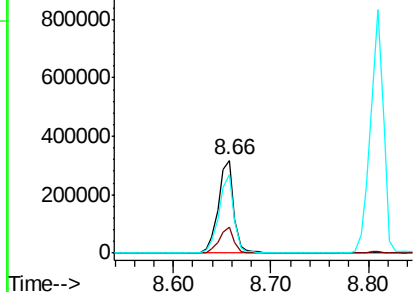


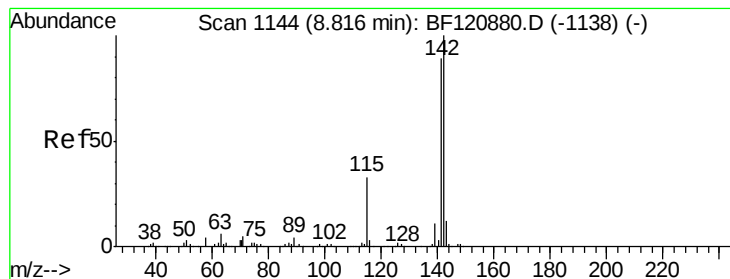
#36
 4-Chloro-3-methylphenol
 Concen: 37.126 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:107 Resp: 351709
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.0 31.6
 142 84.6 65.0 97.6



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: 36.868 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

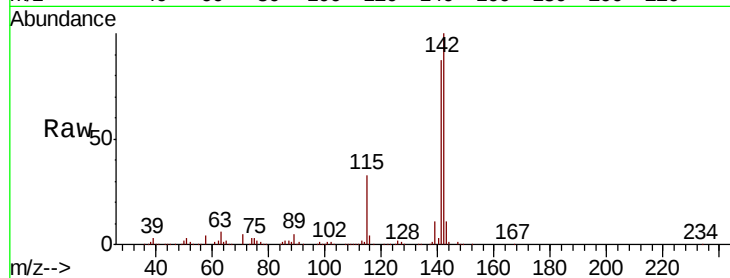
Tot Ion:142 Resp: 772791

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.4

115 33.1 26.0 39.0



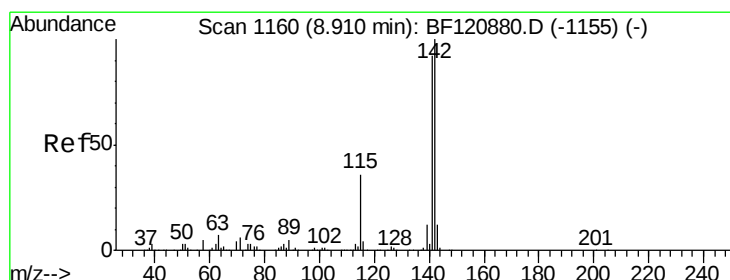
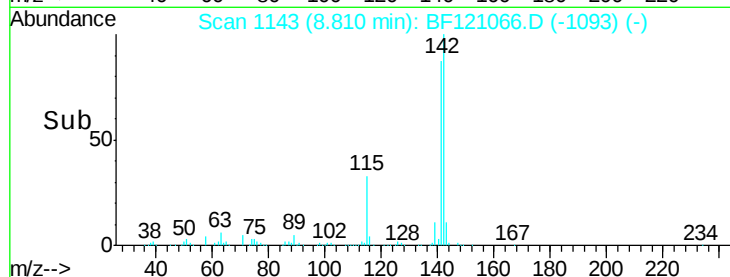
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.81

Time-->



#38

1-Methylnaphthalene

Concen: 36.092 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

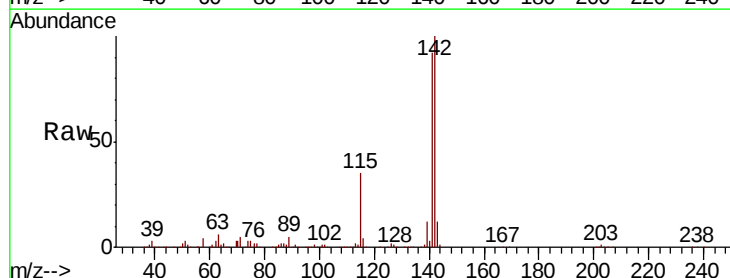
Tgt Ion:142 Resp: 716507

Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

116 3.6 3.0 4.6



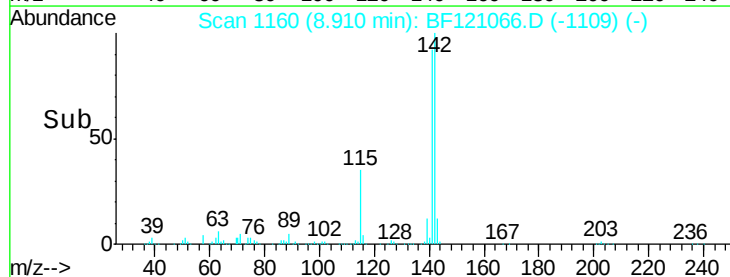
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.91

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

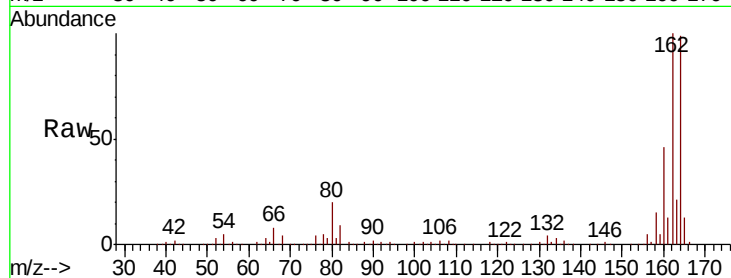
Tot Ion:164 Resp: 339967

Ion Ratio Lower Upper

164 100

162 101.3 81.2 121.8

160 46.7 36.9 55.3

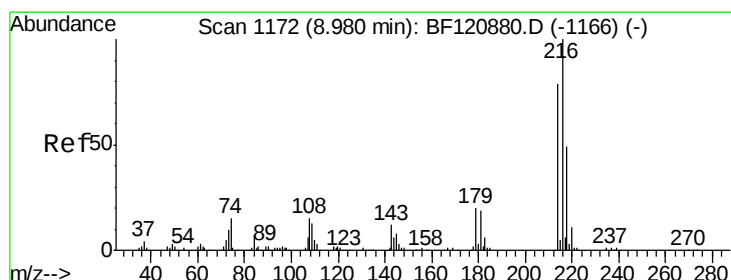
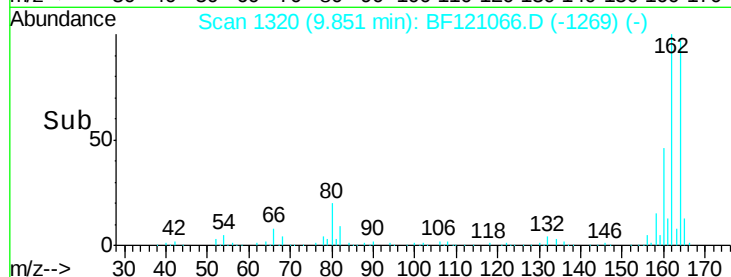
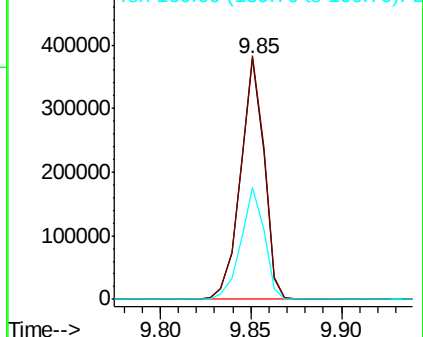


Abundance

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: 35.012 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Tgt Ion:216 Resp: 346802

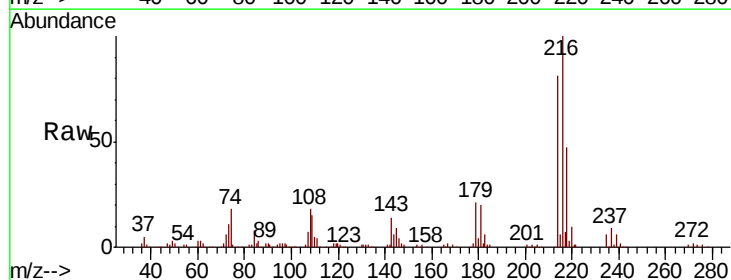
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 20.5 16.6 24.8

108 20.2 15.4 23.0



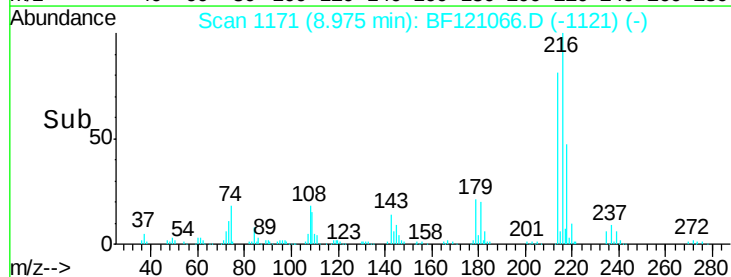
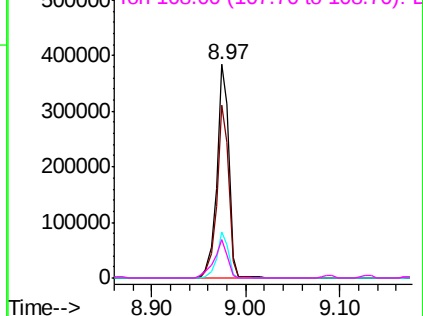
Abundance

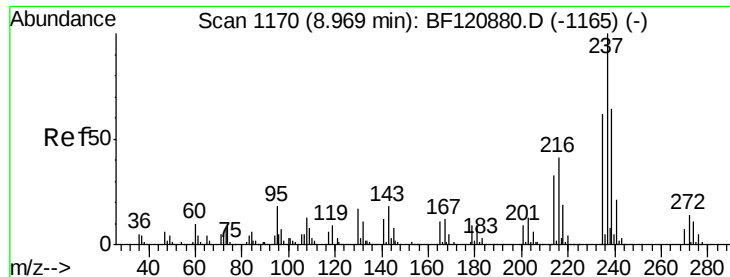
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.280 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

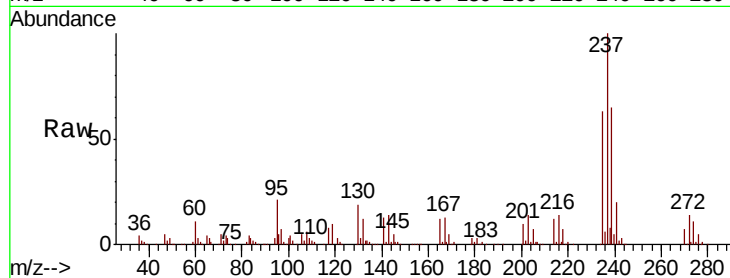
Tot Ion:237 Resp: 362840

Ion Ratio Lower Upper

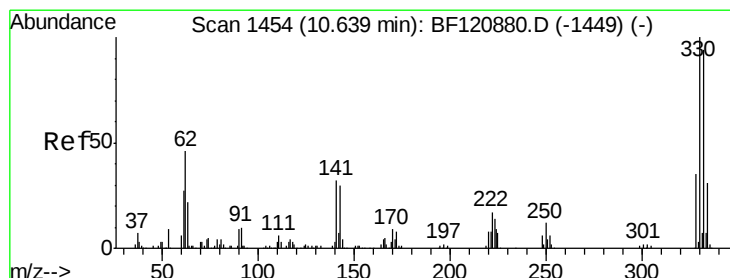
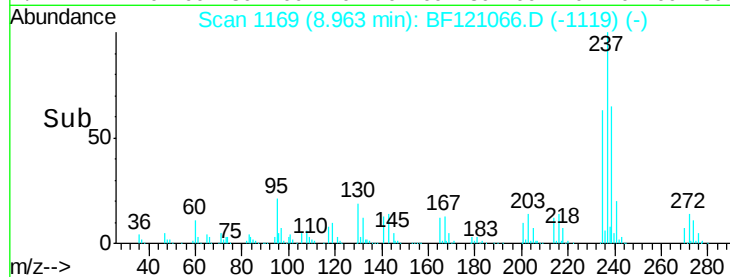
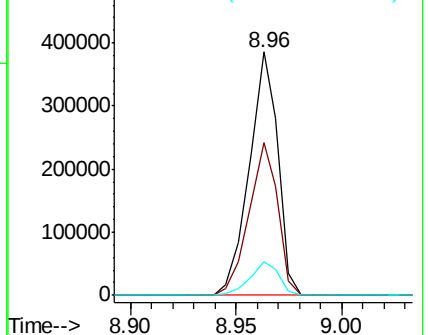
237 100

235 62.9 41.6 81.6

272 13.8 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 112.714 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

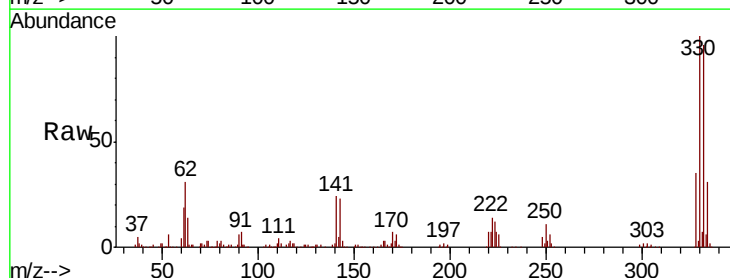
Tgt Ion:330 Resp: 419438

Ion Ratio Lower Upper

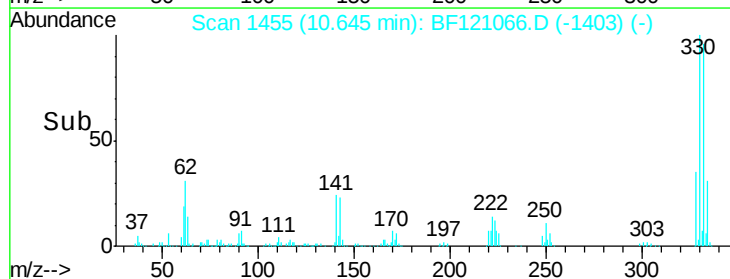
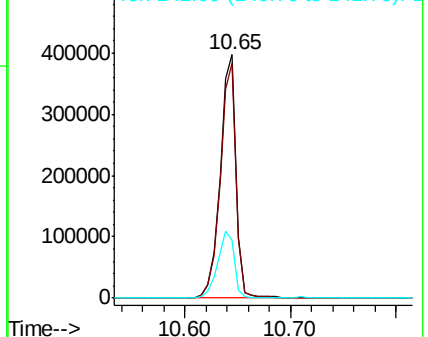
330 100

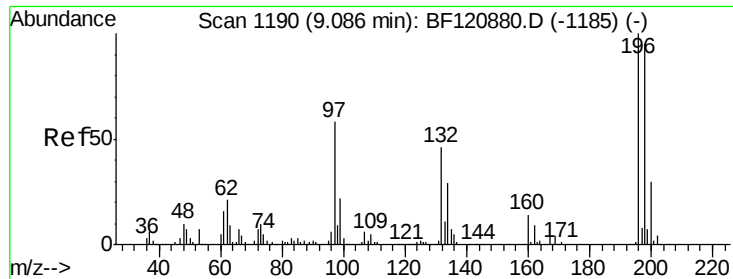
332 96.5 75.5 113.3

141 29.6 25.7 38.5



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

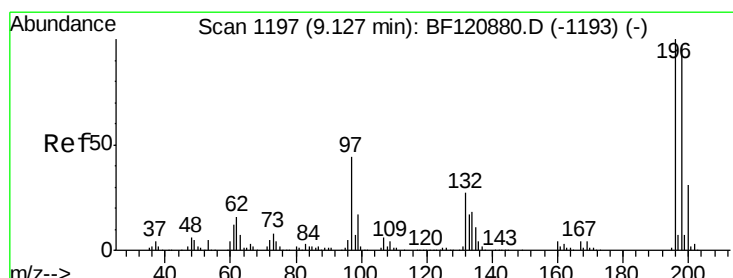
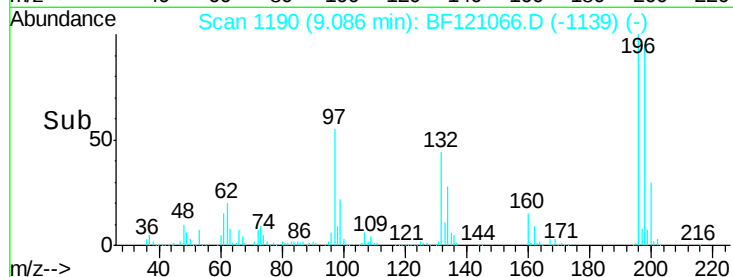
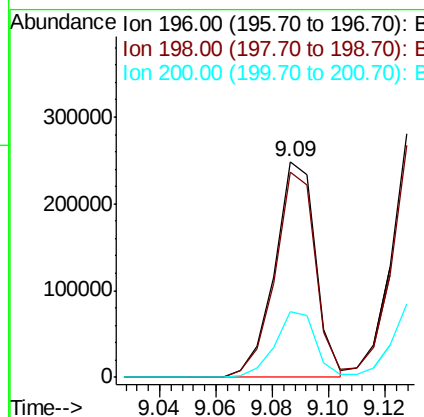
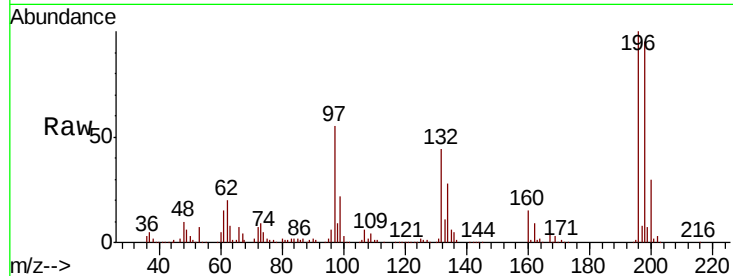




#43
 2,4,6-Trichlorophenol
 Concen: 35.666 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

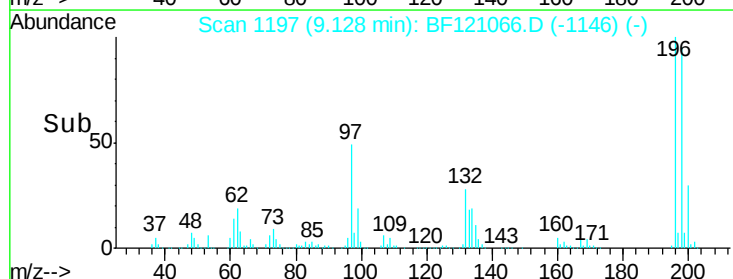
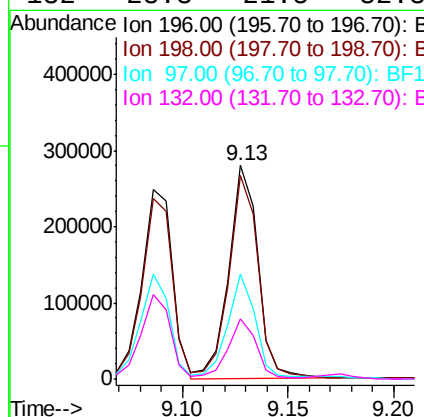
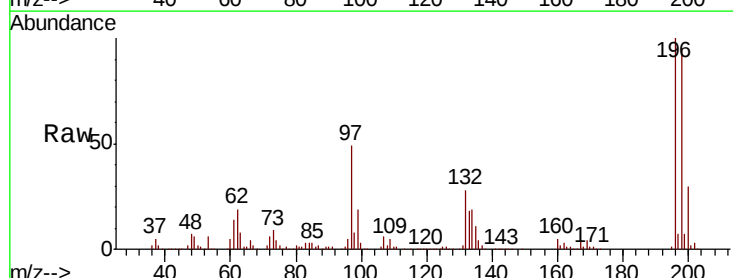
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

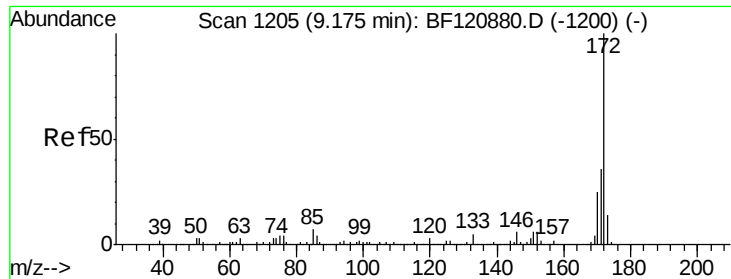
Tot Ion:196 Resp: 248742
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.3 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.671 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:196 Resp: 266374
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 49.1 35.6 53.4
 132 28.3 21.5 32.3

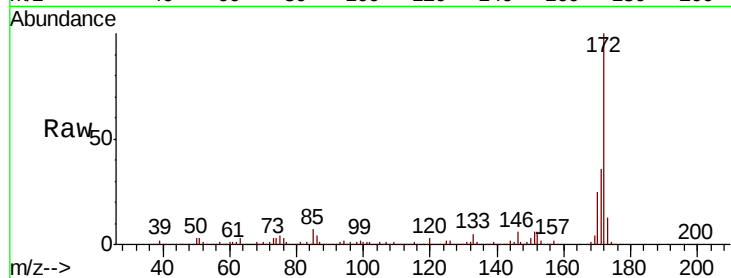




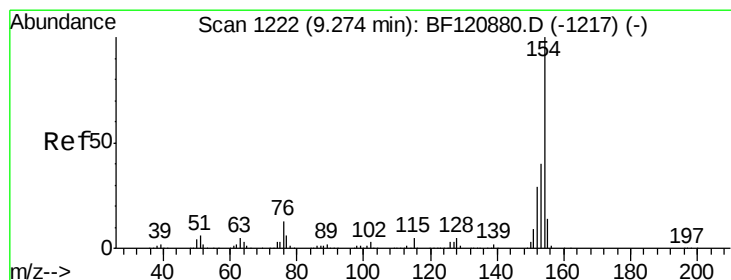
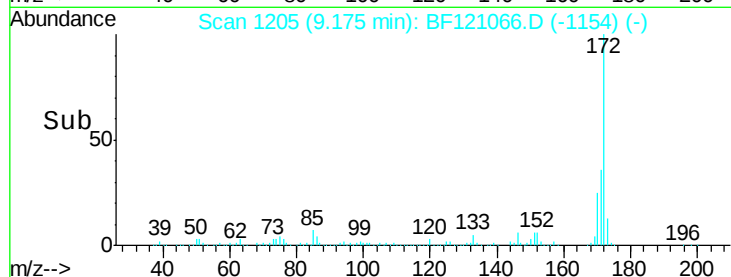
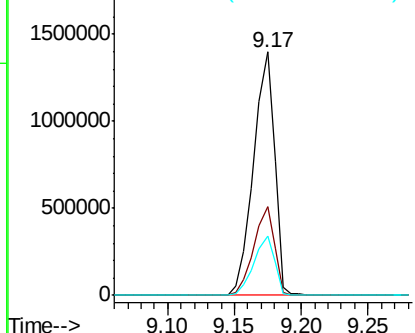
#45
 2-Fluorobiphenyl
 Concen: 66.476 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:172 Resp: 1513658
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.5 19.6 29.4

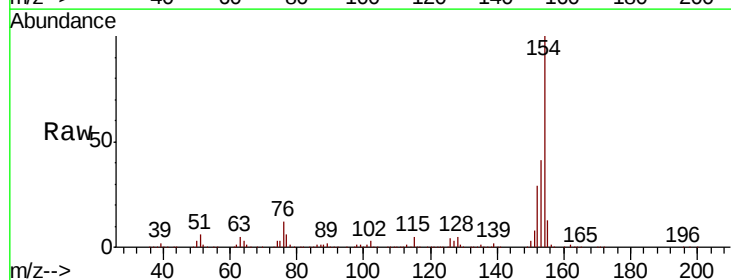


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

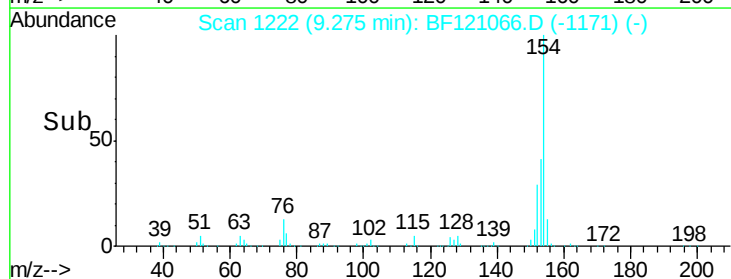
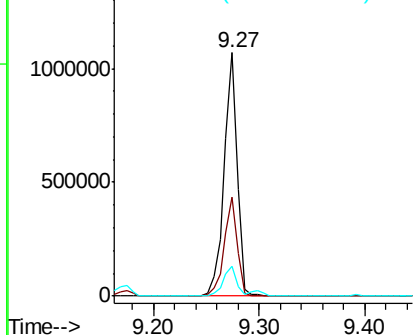


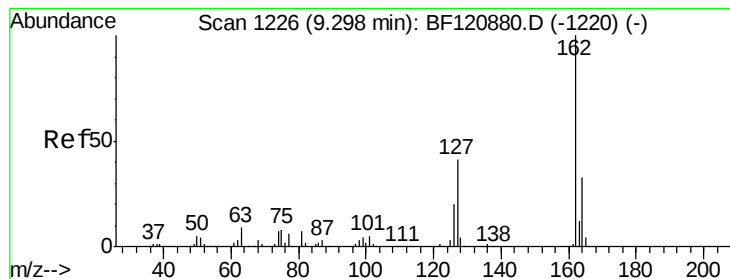
#46
 1,1'-Biphenyl
 Concen: 36.044 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:154 Resp: 934710
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.4 60.4
 76 12.5 0.0 33.1



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





#47

2-Chloronaphthalene

Concen: 34.065 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

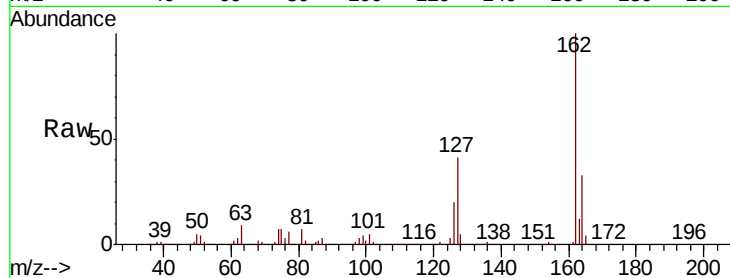
Tot Ion:162 Resp: 720244

Ion Ratio Lower Upper

162 100

127 41.0 33.3 49.9

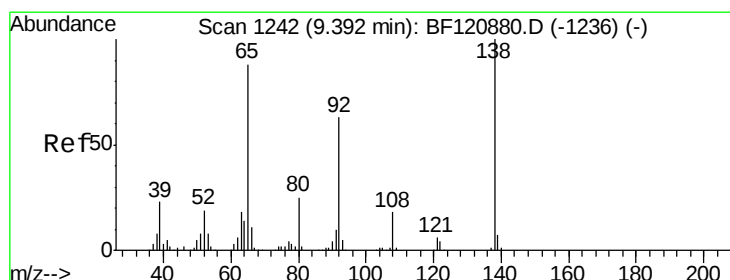
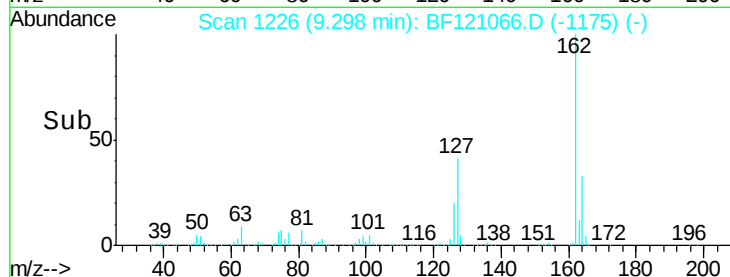
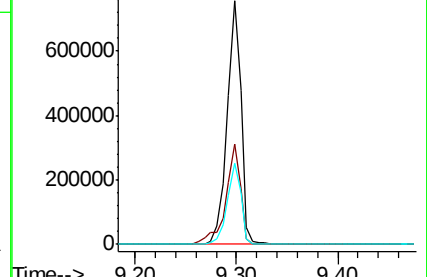
164 33.4 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 34.999 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

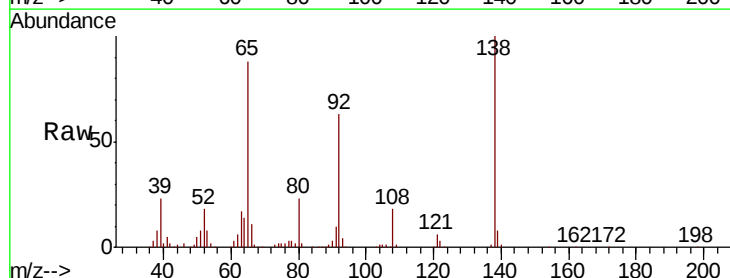
Tgt Ion: 65 Resp: 223628

Ion Ratio Lower Upper

65 100

92 71.5 57.0 85.4

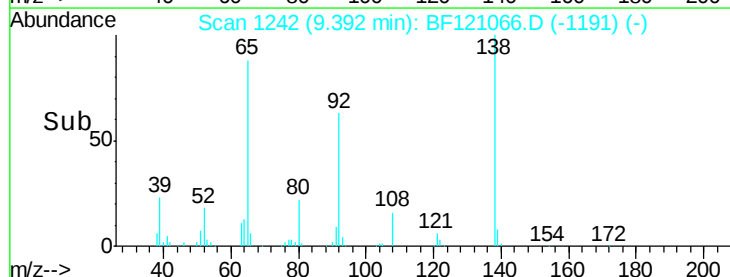
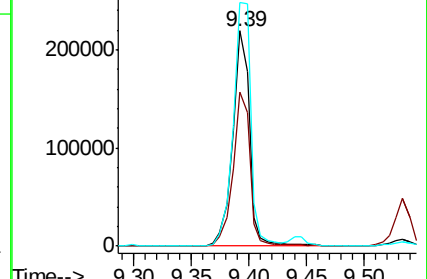
138 113.1 90.4 135.6

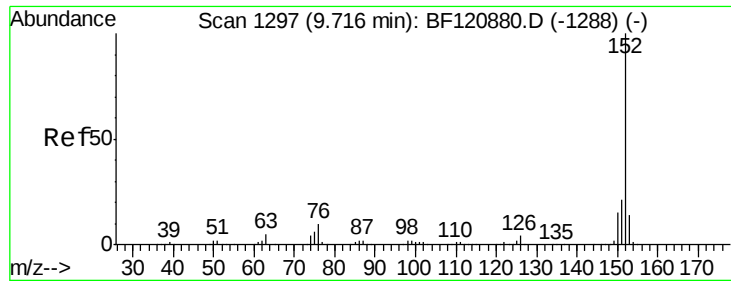


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.440 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

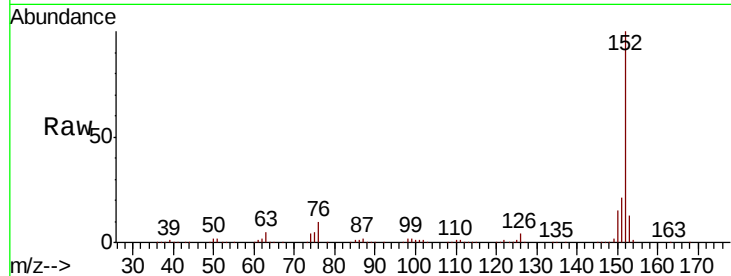
Tot Ion:152 Resp: 1164067

Ion Ratio Lower Upper

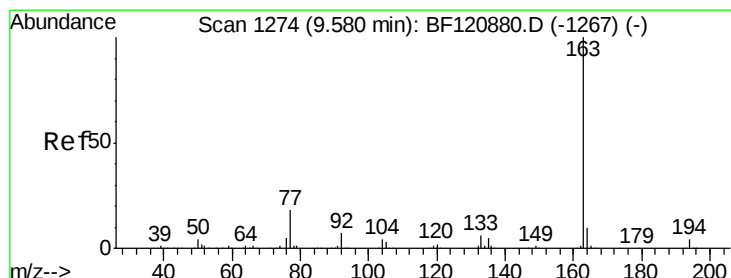
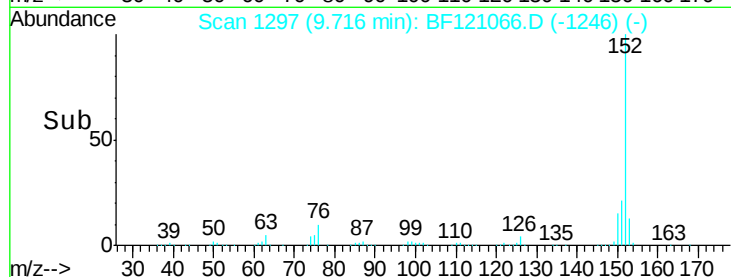
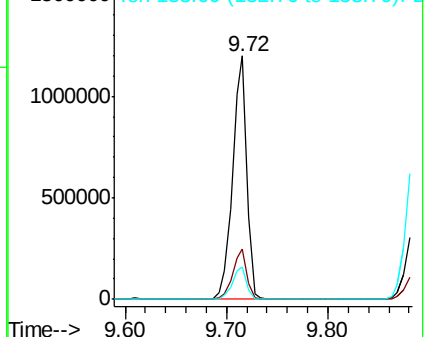
152 100

151 20.6 16.6 25.0

153 13.3 10.9 16.3



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



#50

Dimethylphthalate

Concen: 43.353 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

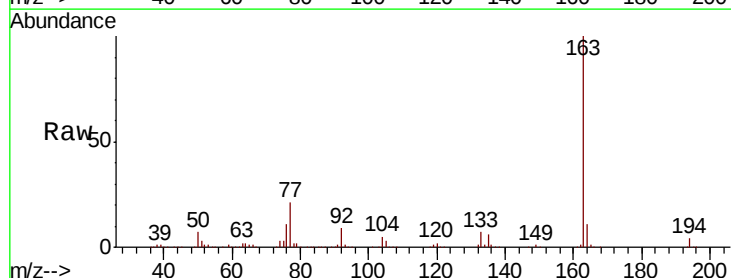
Tgt Ion:163 Resp: 1063304

Ion Ratio Lower Upper

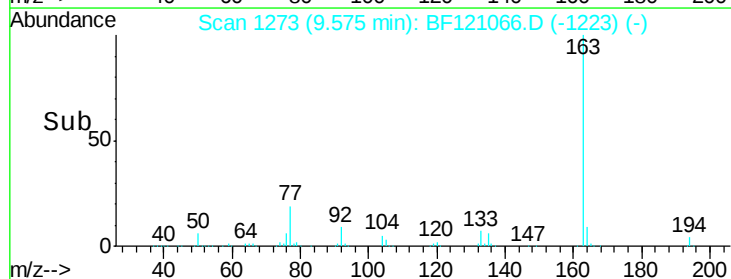
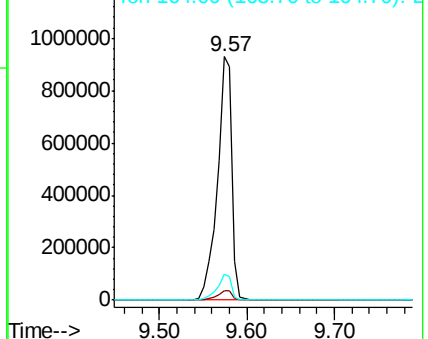
163 100

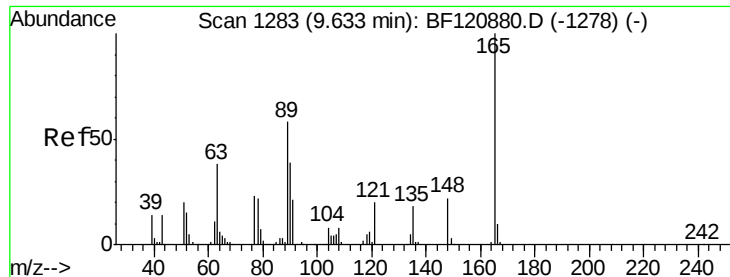
194 3.9 3.2 4.8

164 10.8 7.9 11.9



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

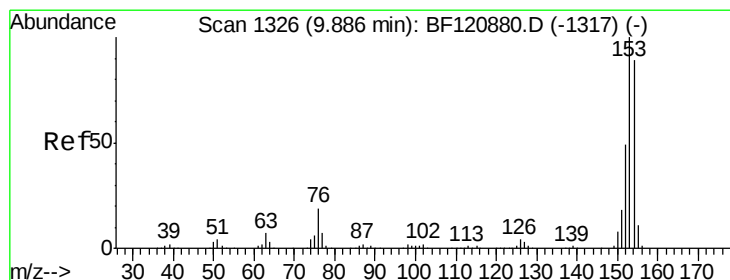
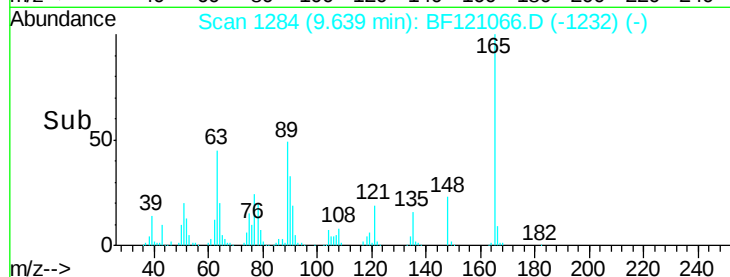
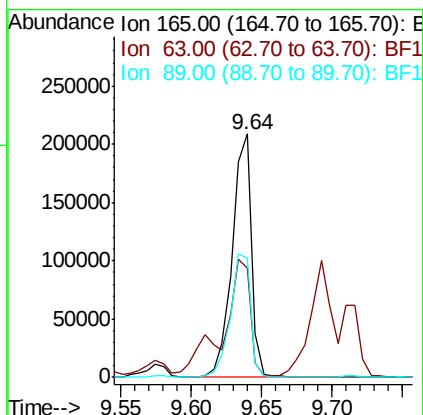
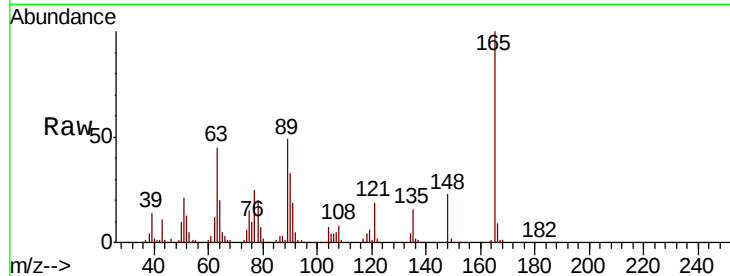




#51
 2,6-Dinitrotoluene
 Concen: 37.654 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

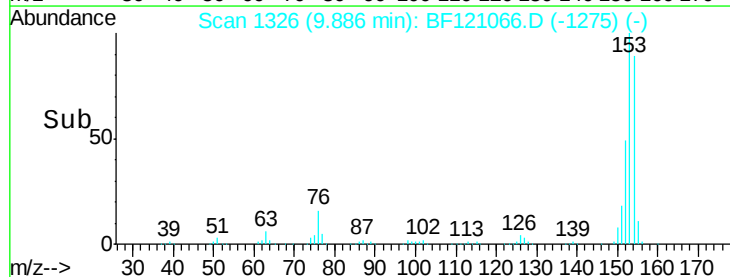
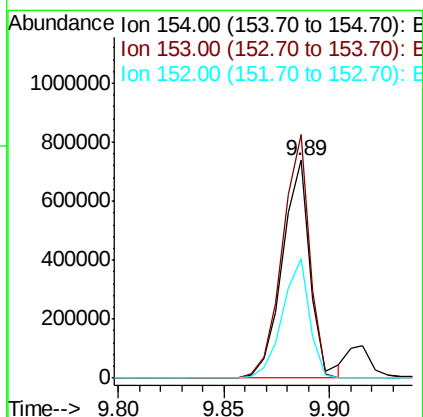
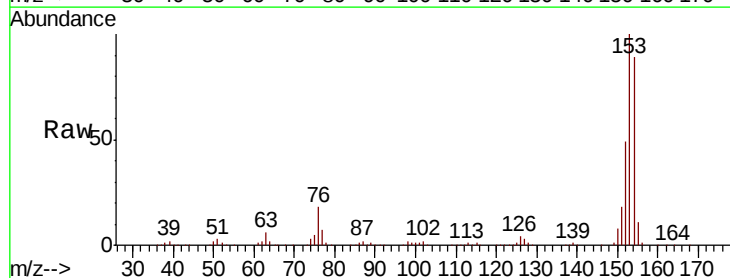
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

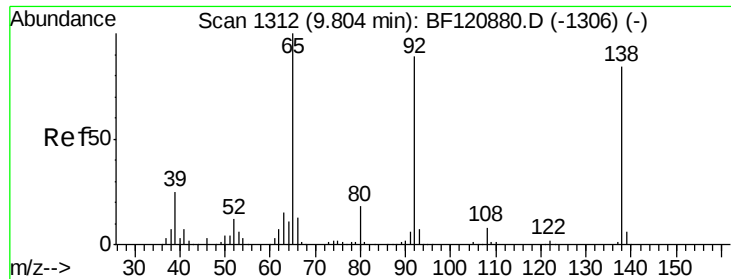
Tot Ion:165 Resp: 198411
 Ion Ratio Lower Upper
 165 100
 63 45.0 45.4 68.2#
 89 48.9 47.0 70.4



#52
 Acenaphthene
 Concen: 32.842 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:154 Resp: 685826
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.5 134.3
 152 54.9 44.2 66.2

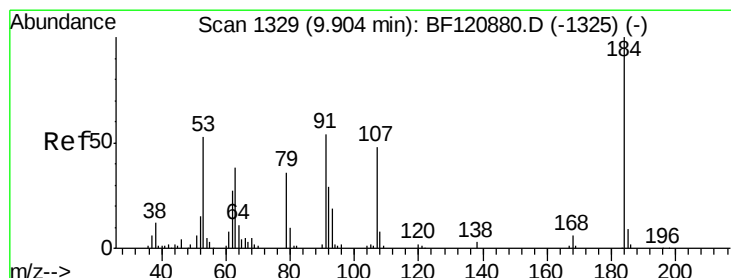
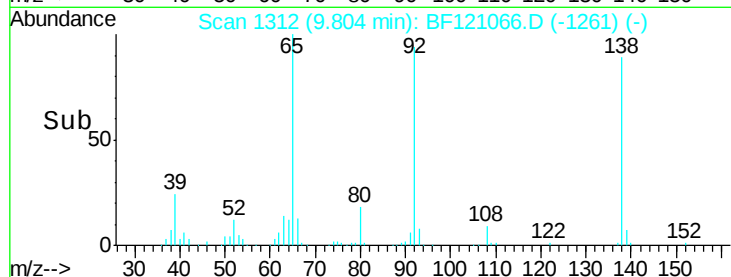
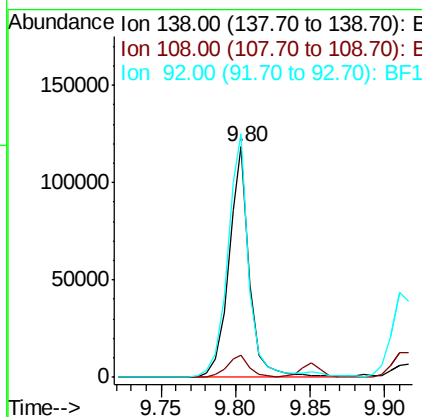
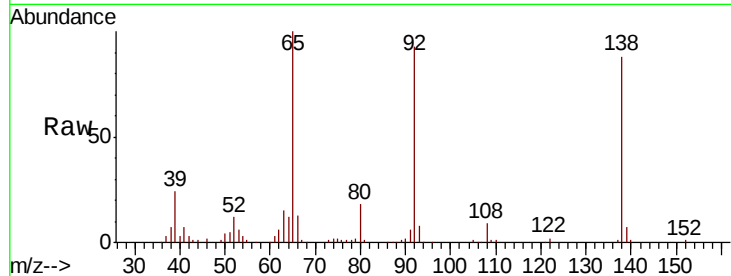




#53
3-Nitroaniline
Concen: 17.391 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

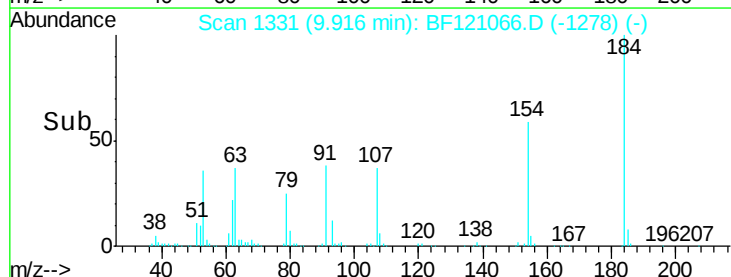
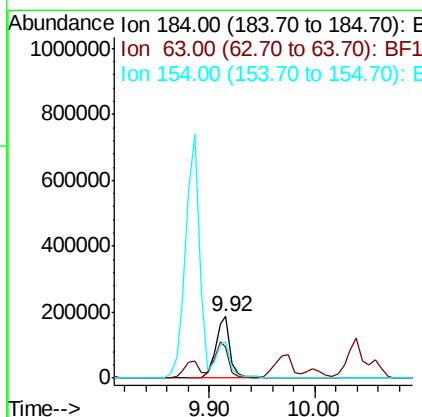
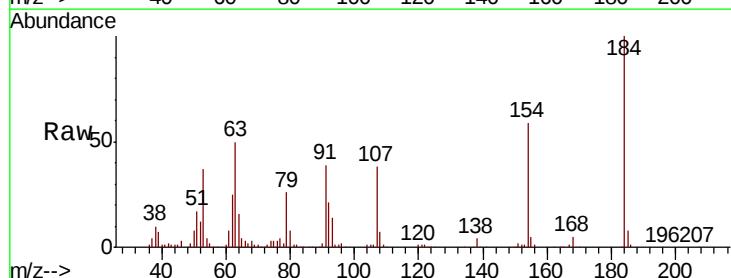
Instrument :
BNA_F
ClientSampleId :
SP-1MS

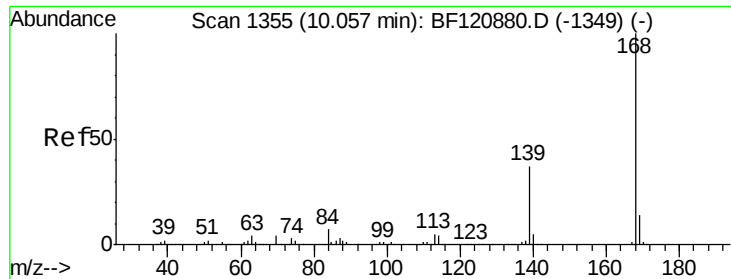
Tot Ion:138 Resp: 114932
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 105.6 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 63.430 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:184 Resp: 187691
Ion Ratio Lower Upper
184 100
63 50.3 57.9 86.9#
154 59.3 52.6 78.8





#55

Dibenzofuran

Concen: 34.296 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

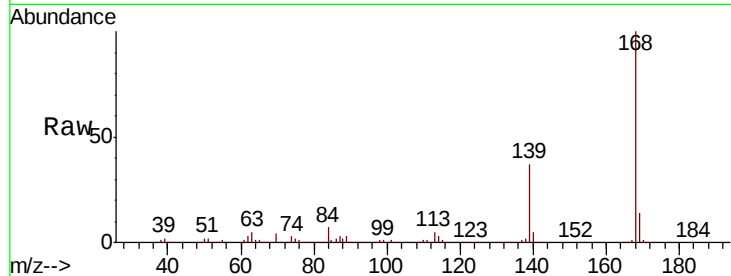
Tot Ion:168 Resp: 1035679

Ion Ratio Lower Upper

168 100

139 37.3 29.7 44.5

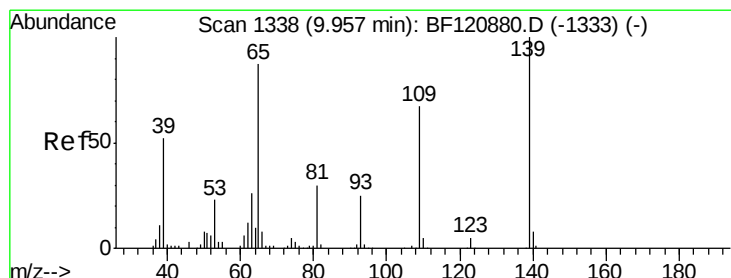
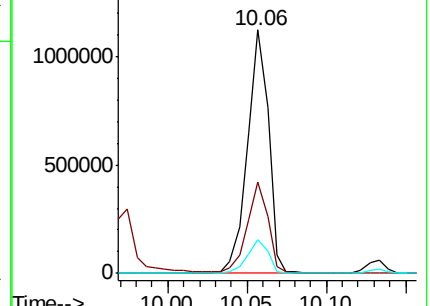
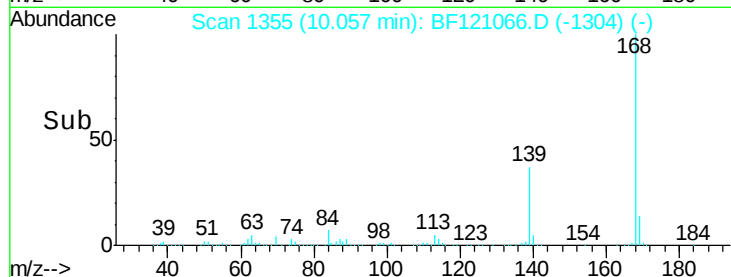
169 13.9 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 67.456 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

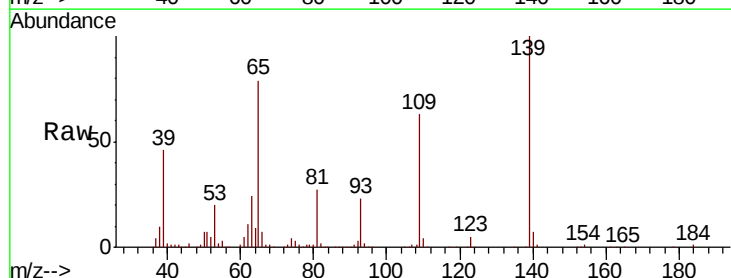
Tgt Ion:139 Resp: 338637

Ion Ratio Lower Upper

139 100

109 62.9 47.3 87.3

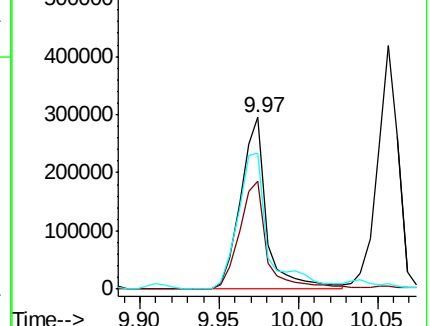
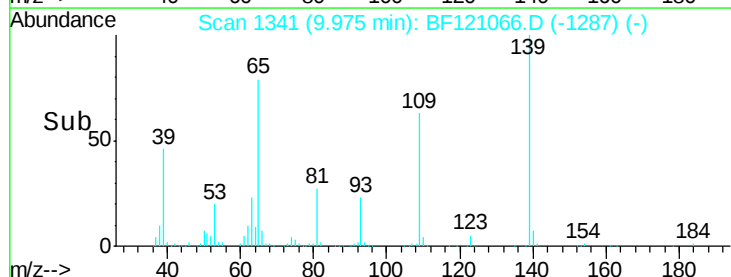
65 79.4 67.2 107.2

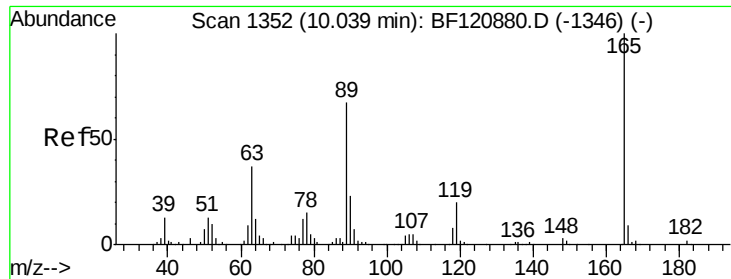


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

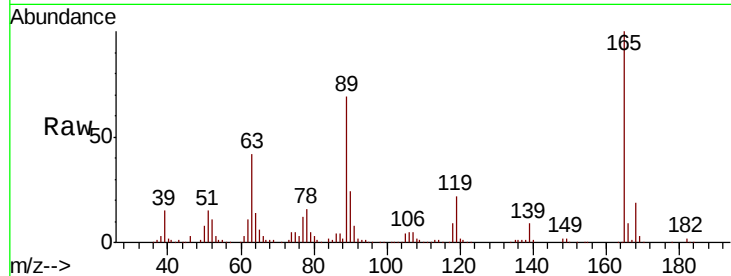




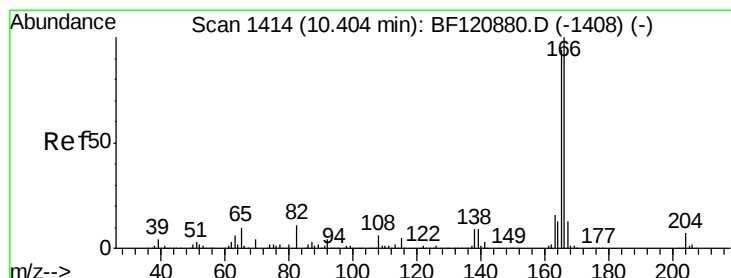
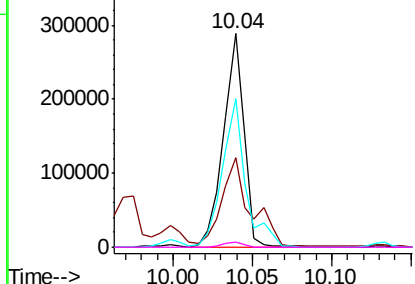
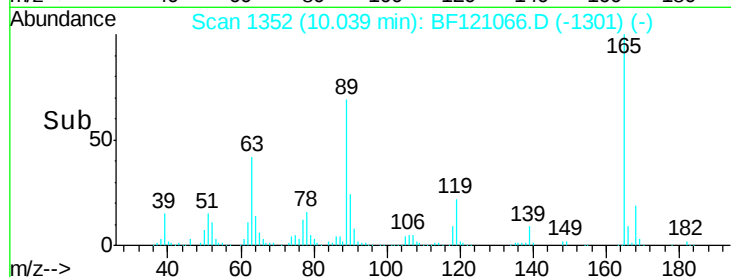
#57
2,4-Dinitrotoluene
Concen: 37.308 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:165	Resp:	258160
Ion Ratio	Lower	Upper
165 100		
63 42.0	29.4	44.2
89 69.5	53.4	80.0
182 2.4	1.8	2.6

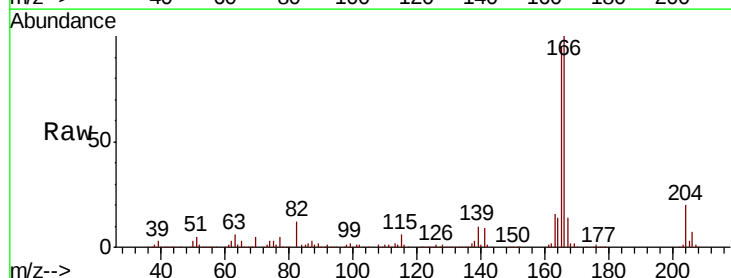


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

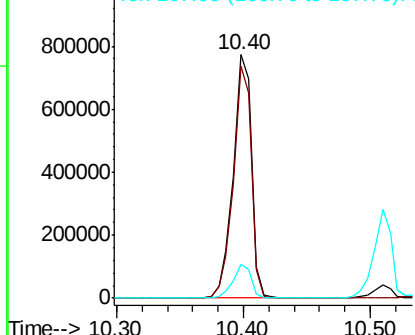
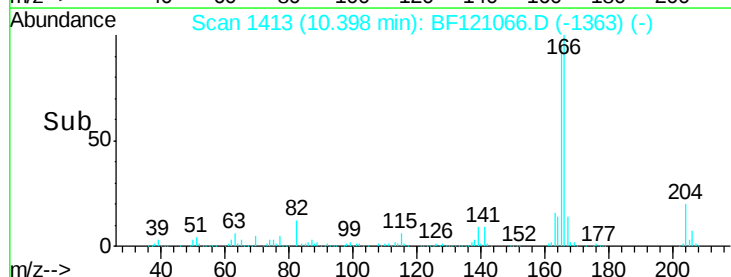


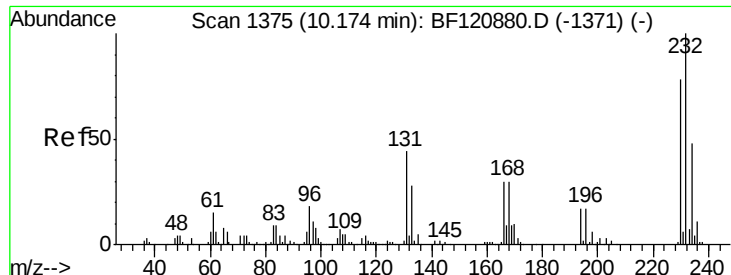
#58
Fluorene
Concen: 33.981 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt	Ion:166	Resp:	765335
Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.4	113.0
167	13.9	10.6	15.8



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

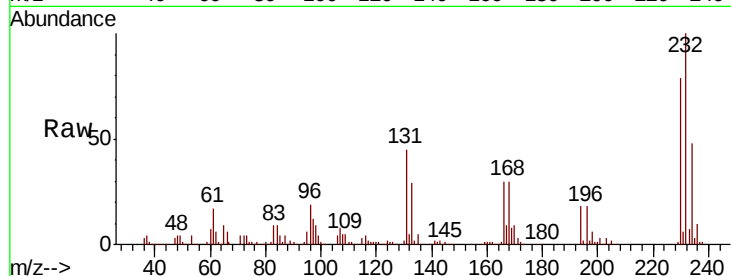




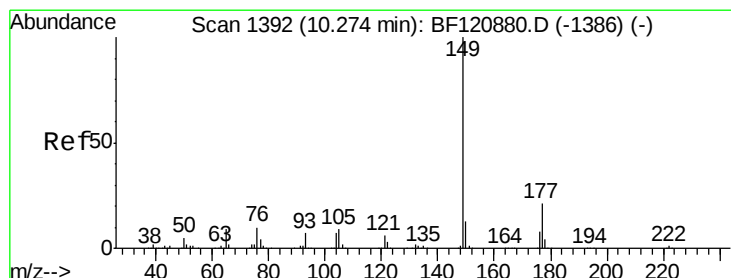
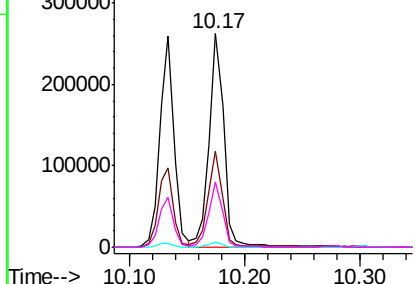
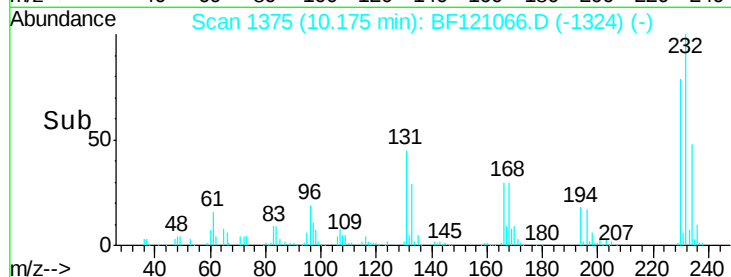
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.877 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:232 Resp: 234168
Ion Ratio Lower Upper
232 100
131 43.5 37.1 55.7
130 2.1 1.7 2.5
166 29.1 24.2 36.4

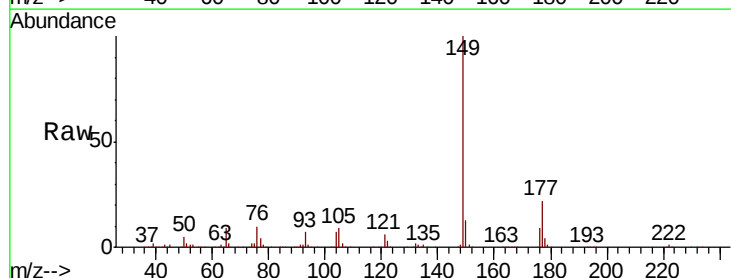


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

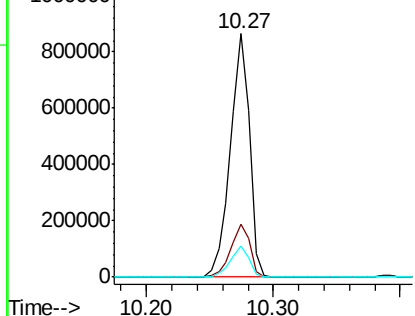
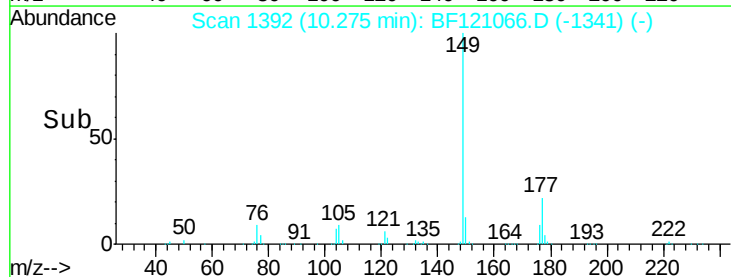


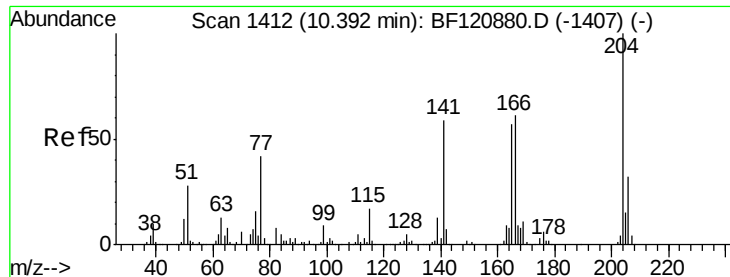
#60
Diethylphthalate
Concen: 35.969 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:149 Resp: 892312
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.7 10.3 15.5



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

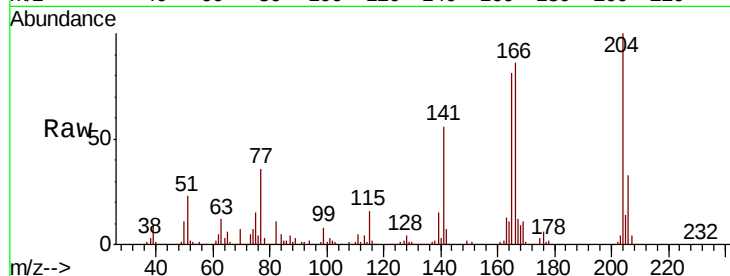




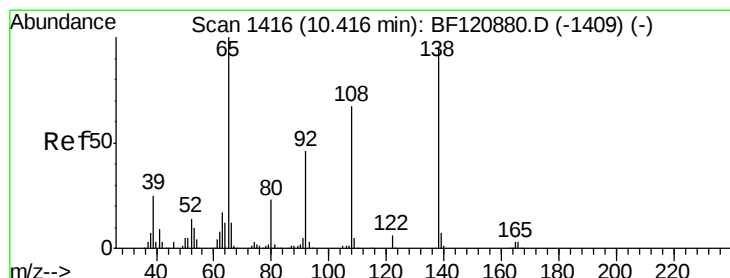
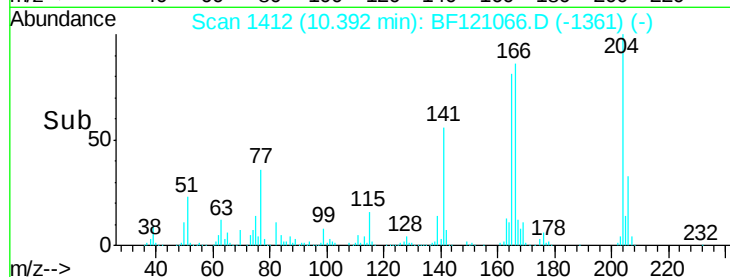
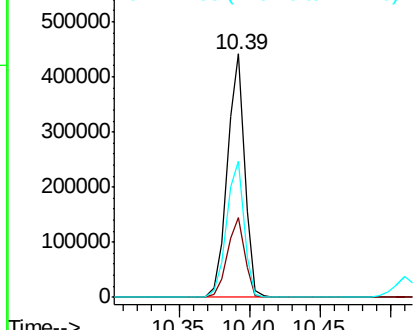
#61
4-Chlorophenyl-phenylether
Concen: 31.204 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampled :
SP-1MS

Tot Ion:204 Resp: 374851
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 56.0 47.2 70.8

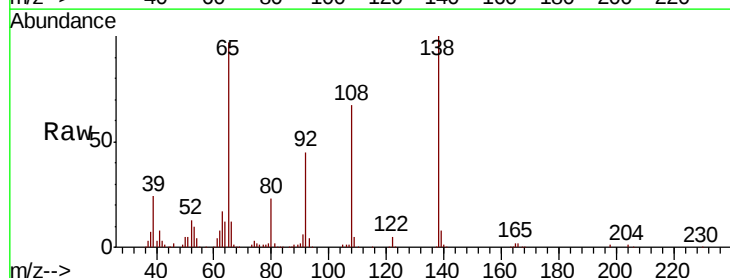


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

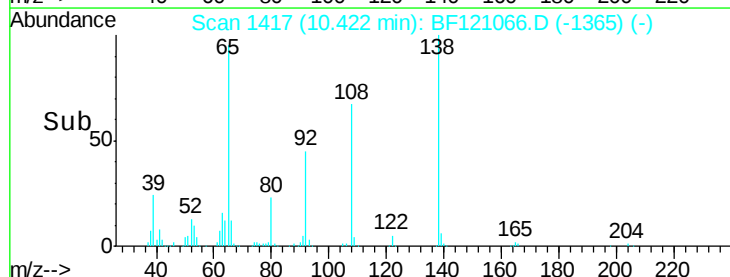
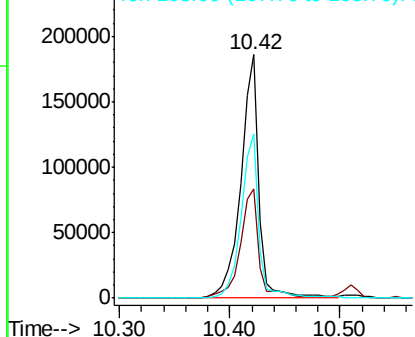


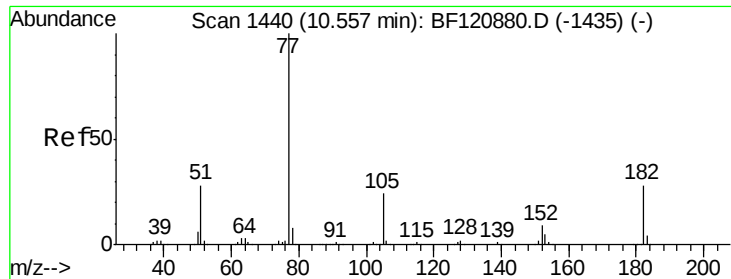
#62
4-Nitroaniline
Concen: 33.308 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:138 Resp: 214420
Ion Ratio Lower Upper
138 100
92 45.1 28.6 68.6
108 67.5 51.1 91.1



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

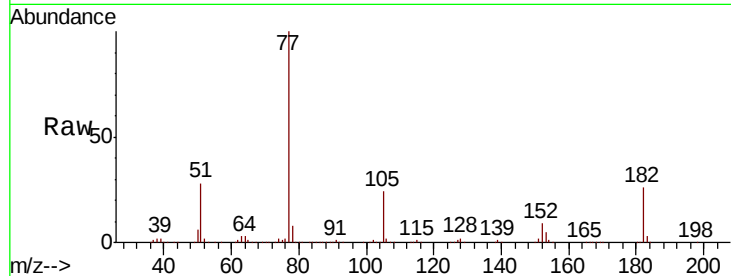




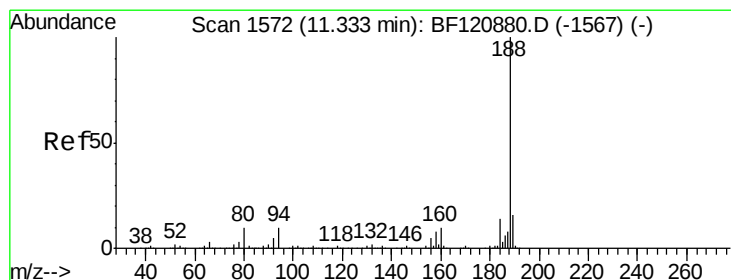
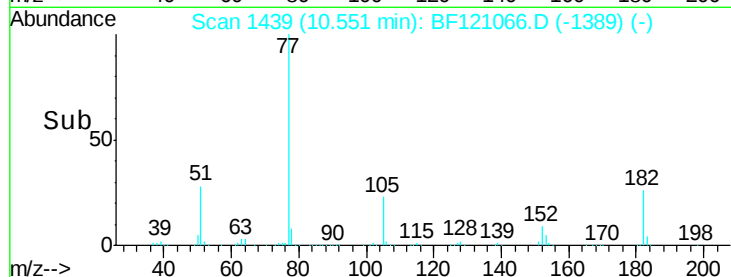
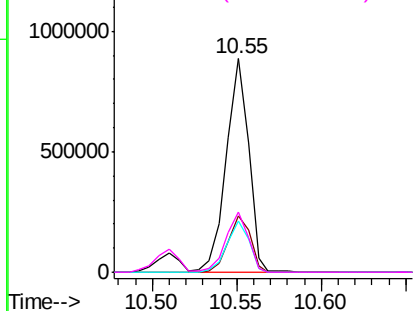
#63
Azobenzene
Concen: 34.498 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion: 77 Resp: 814764
Ion Ratio Lower Upper
77 100
182 26.2 7.8 47.8
105 23.9 4.4 44.4
51 28.4 8.0 48.0

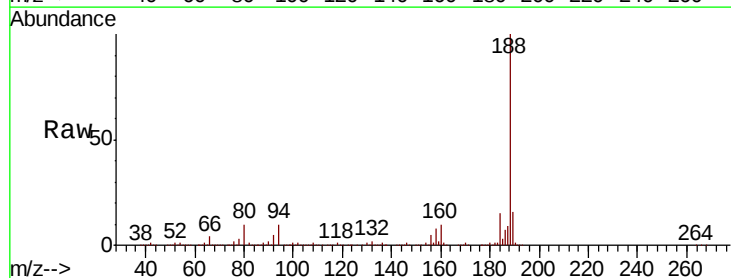


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

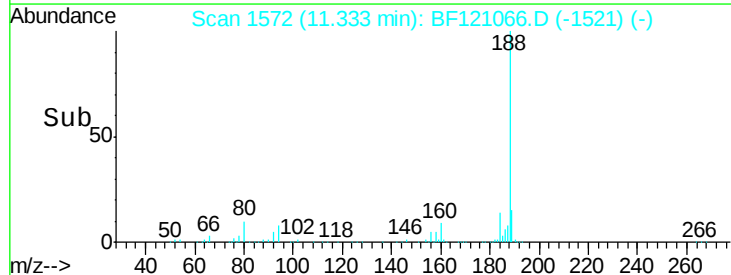
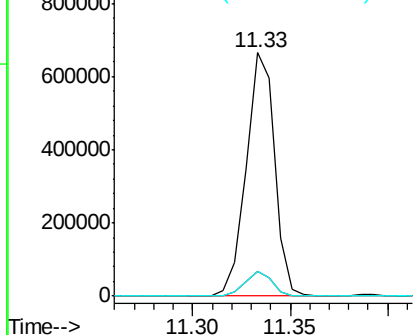


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion: 188 Resp: 671171
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.2 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

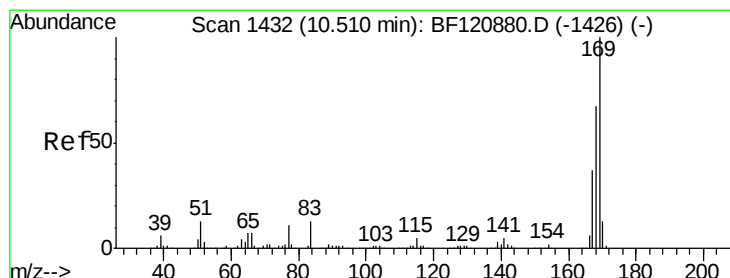
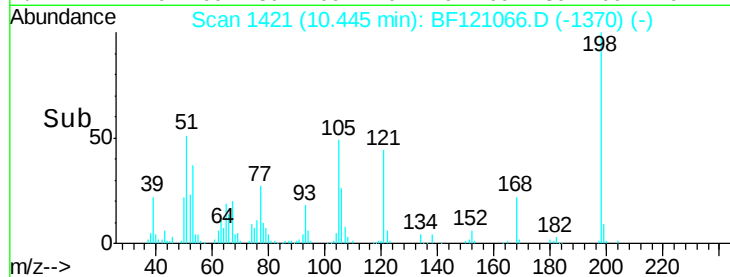
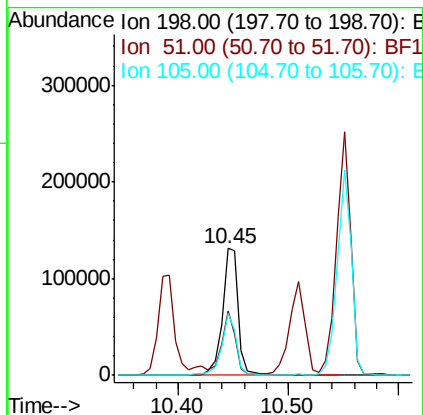
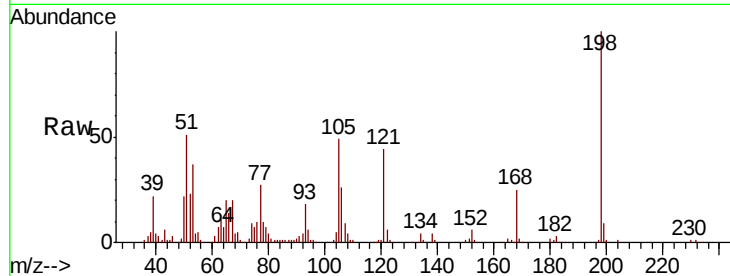




#65
4,6-Dinitro-2-methylphenol
Concen: 35.070 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

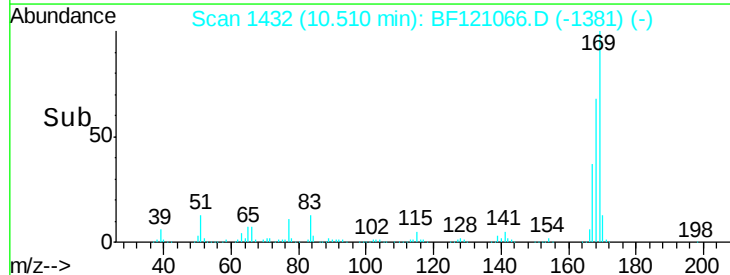
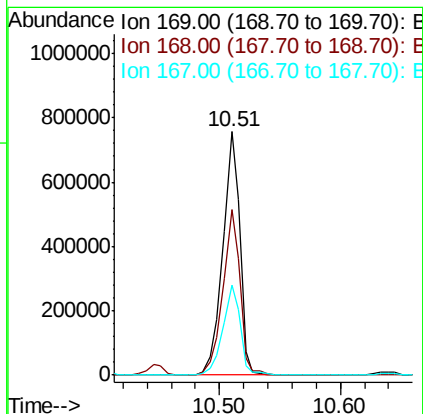
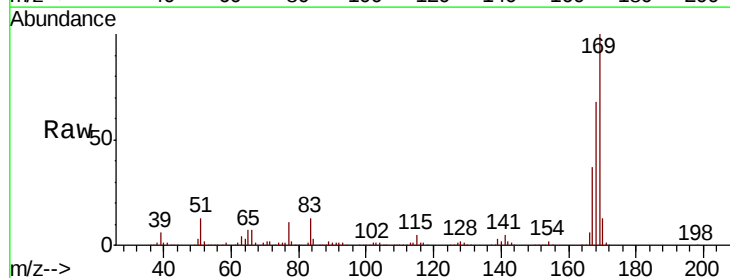
Instrument :
BNA_F
ClientSampleId :
SP-1MS

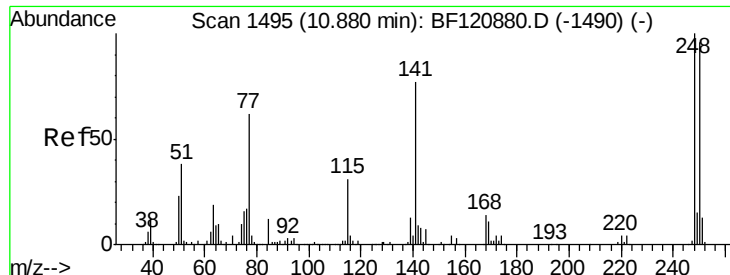
Tot Ion:198 Resp: 131858
Ion Ratio Lower Upper
198 100
51 51.0 19.5 59.5
105 49.2 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 35.019 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:169 Resp: 739380
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.0
167 37.0 29.4 44.0

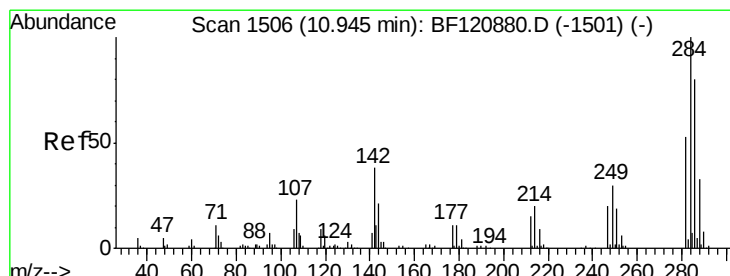
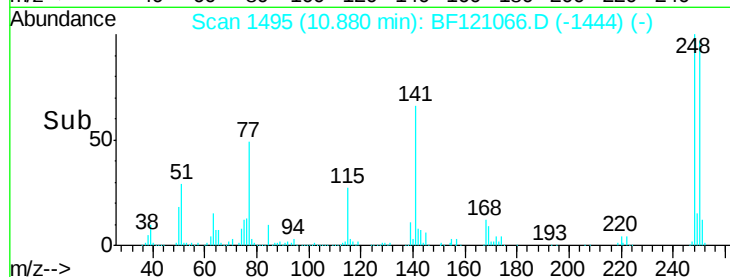
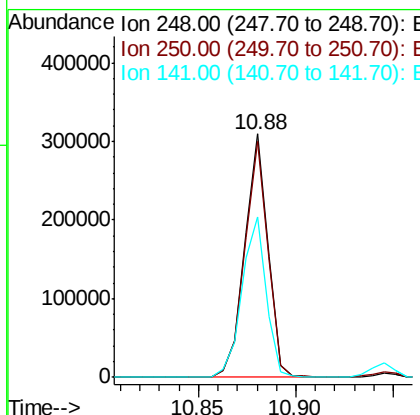
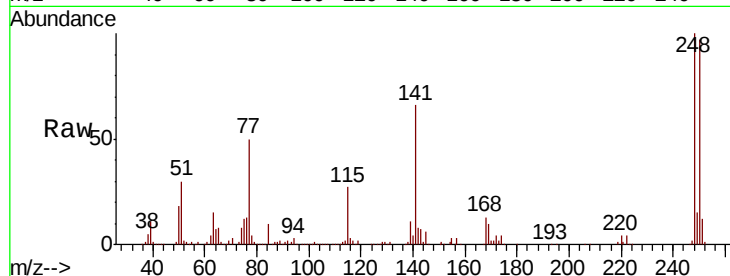




#67
4-Bromophenyl-phenylether
Concen: 34.215 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

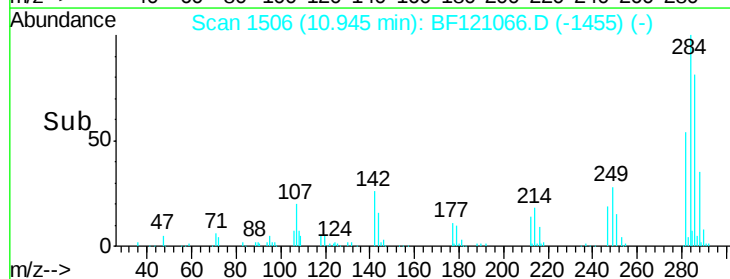
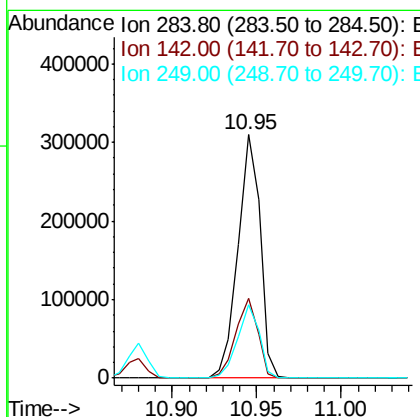
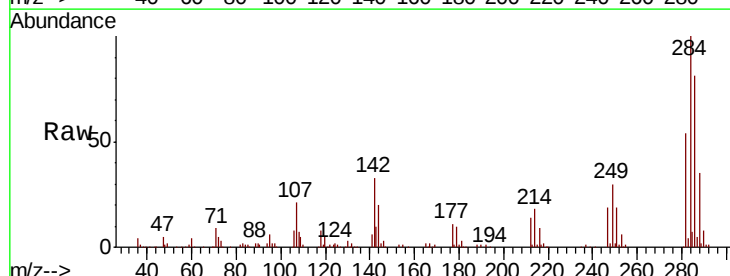
Instrument :
BNA_F
ClientSampleId :
SP-1MS

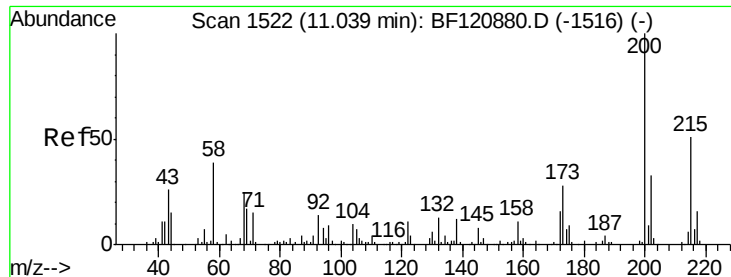
Tot Ion:248 Resp: 256030
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 65.8 61.2 91.8



#68
Hexachlorobenzene
Concen: 35.008 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:284 Resp: 283380
Ion Ratio Lower Upper
284 100
142 32.7 30.2 45.2
249 30.1 24.2 36.2

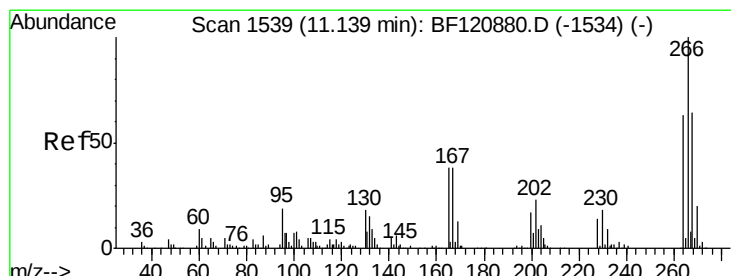
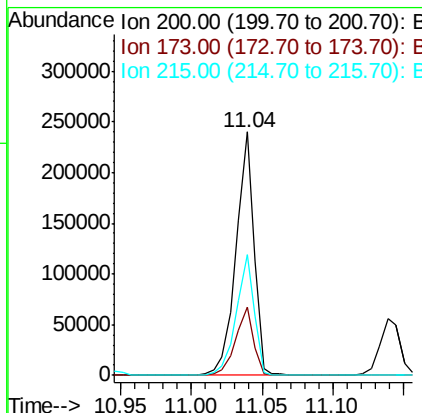
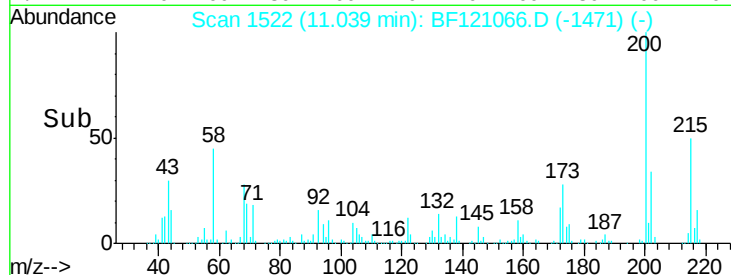
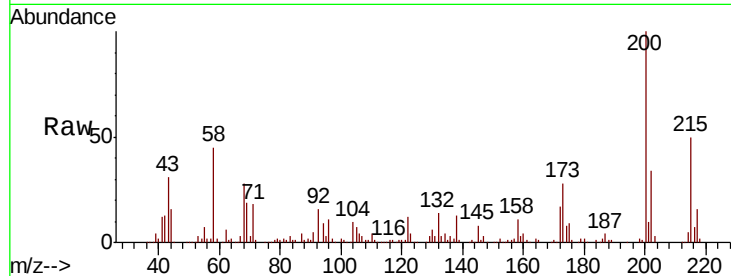




#69
 Atrazine
 Concen: 40.847 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

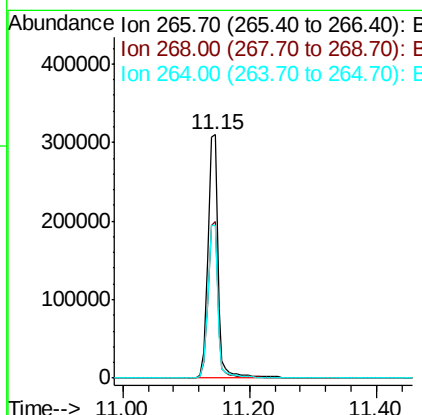
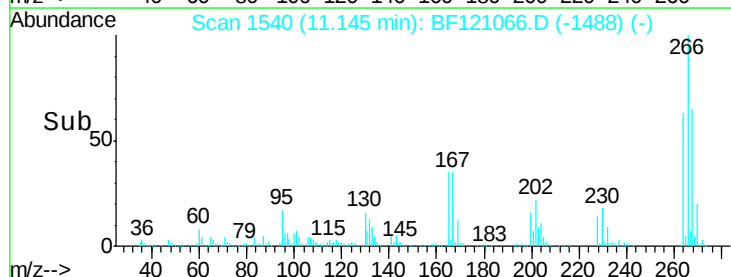
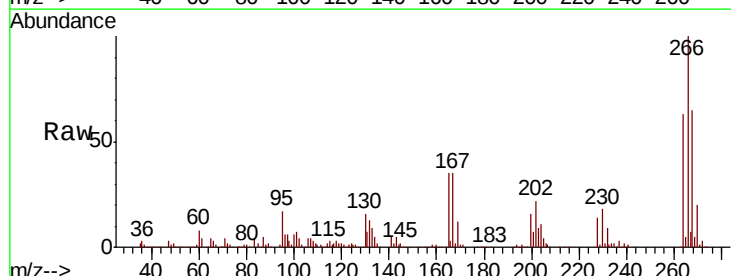
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

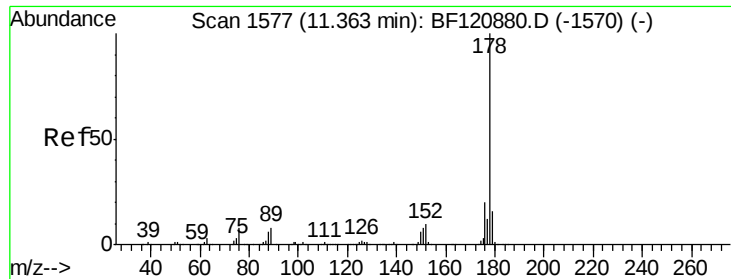
Tot Ion:200 Resp: 213585
 Ion Ratio Lower Upper
 200 100
 173 28.1 8.0 48.0
 215 49.5 31.5 71.5



#70
 Pentachlorophenol
 Concen: 74.828 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:266 Resp: 347002
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 34.068 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

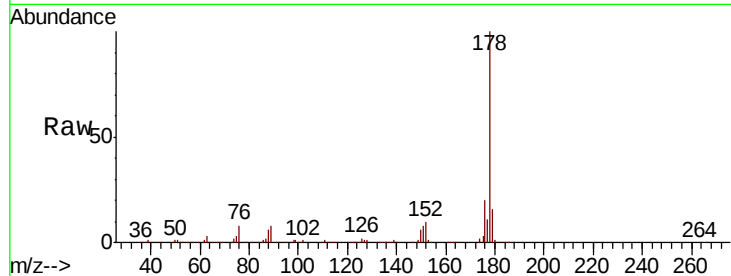
Tot Ion:178 Resp: 1175964

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

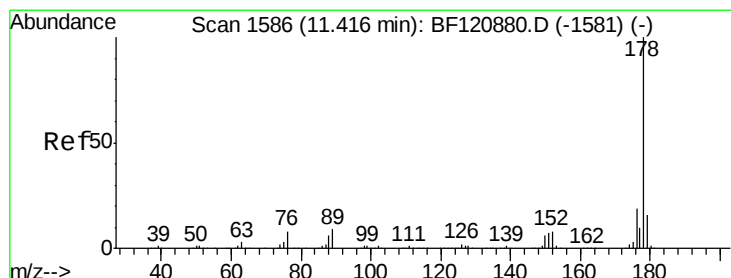
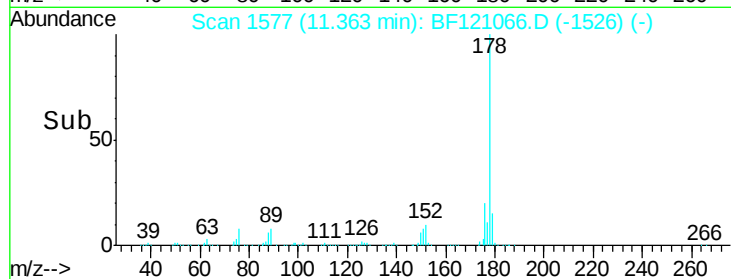
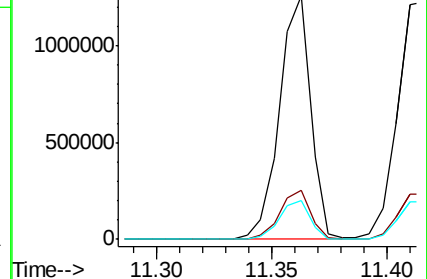
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.206 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

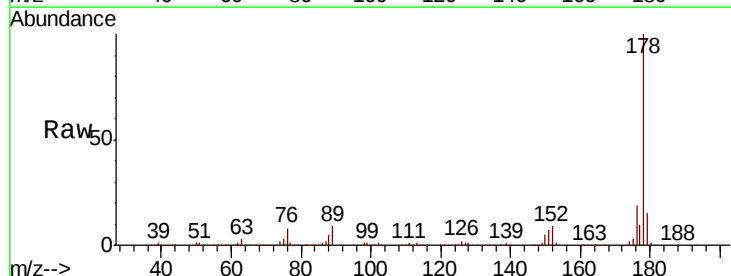
Tgt Ion:178 Resp: 1254947

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

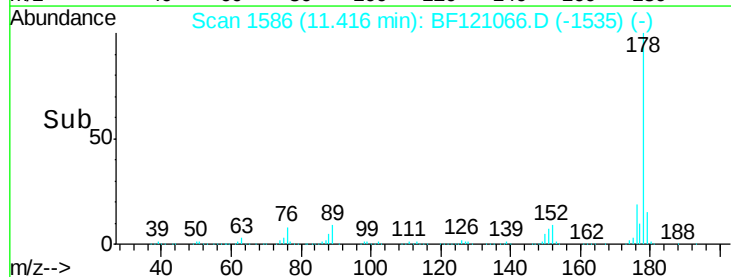
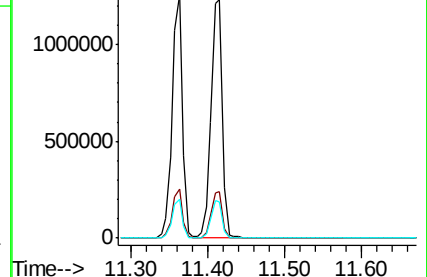
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

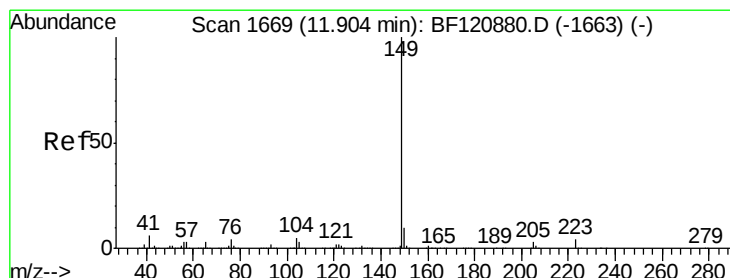
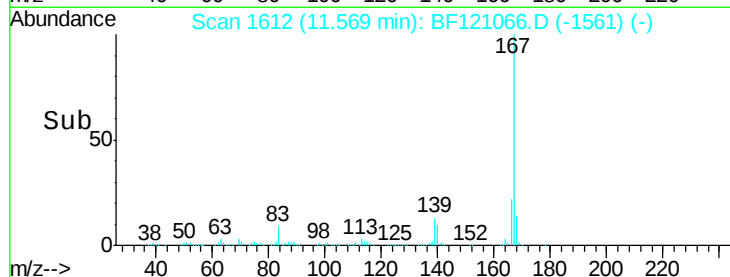
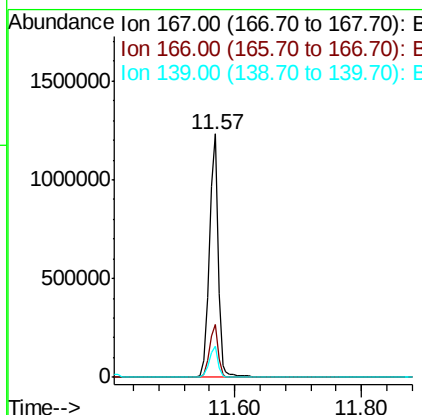
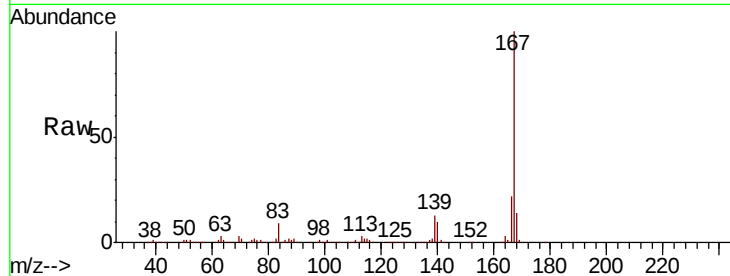




#73
 Carbazole
 Concen: 34.195 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

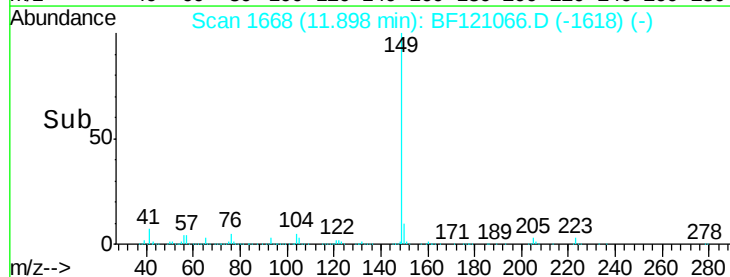
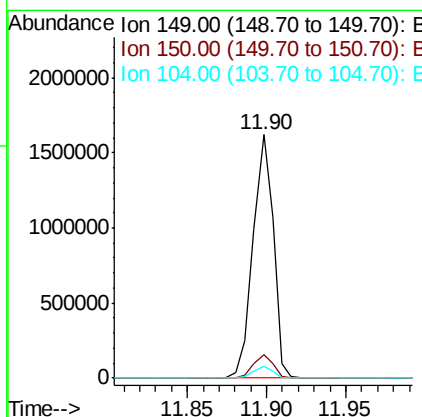
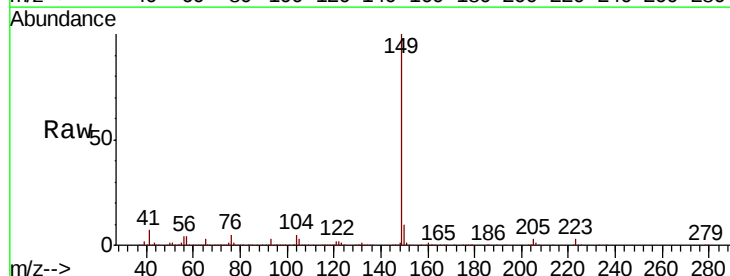
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:167 Resp: 1176238
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.6 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 36.344 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:149 Resp: 1442690
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.9 3.8 5.6

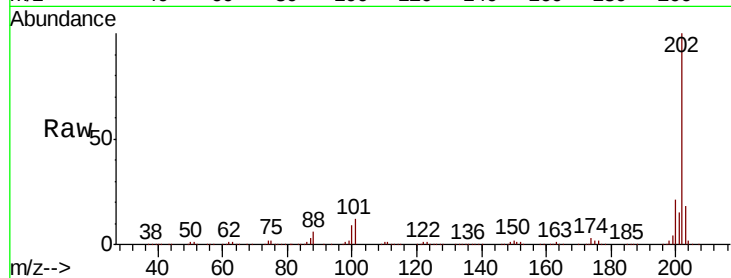




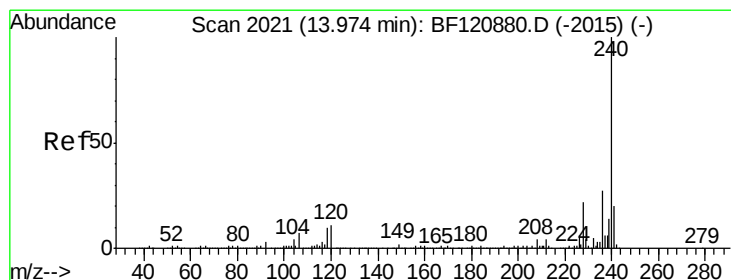
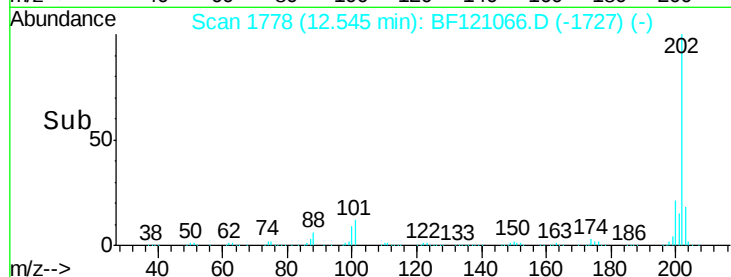
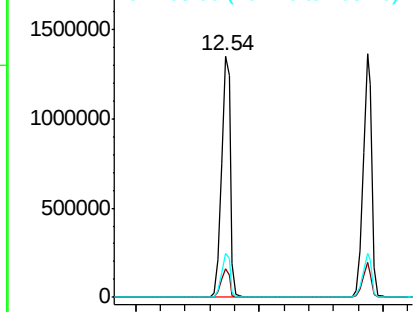
#75
Fluoranthene
Concen: 35.408 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion:202 Resp: 1354750
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.7
203 18.3 0.0 38.0

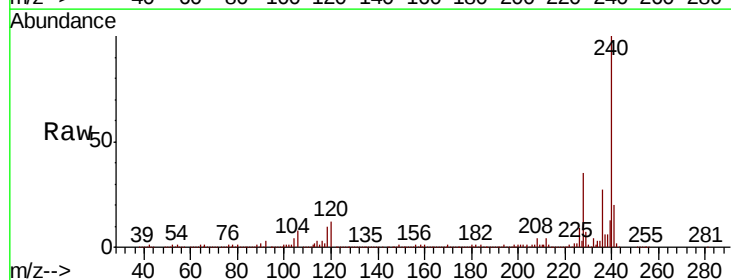


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

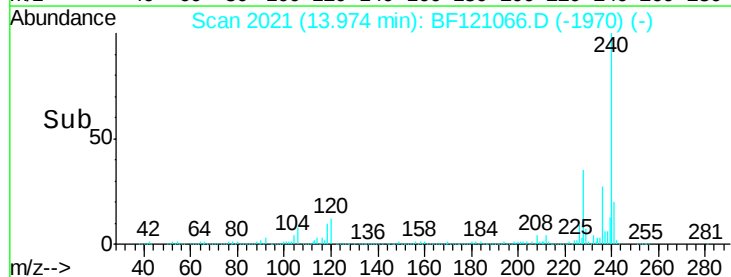
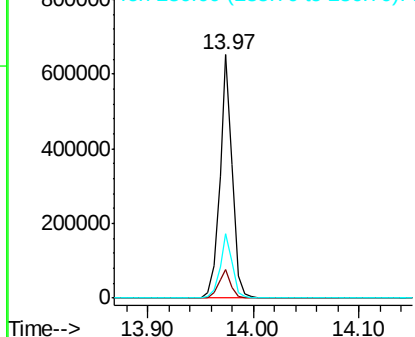


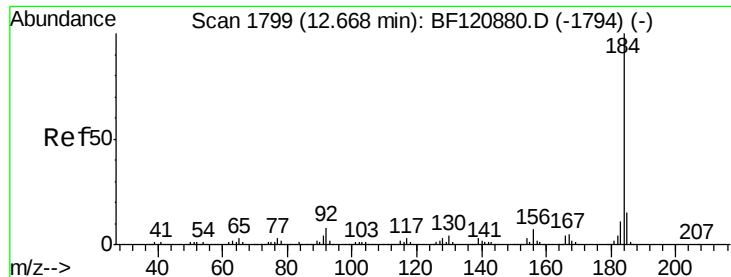
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:240 Resp: 539478
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 26.6 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.864 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

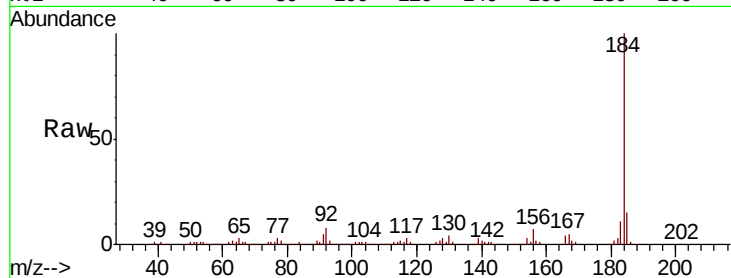
Tot Ion:184 Resp: 622161

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	11.0	8.5	12.7

184 100

185 15.1 12.2 18.2

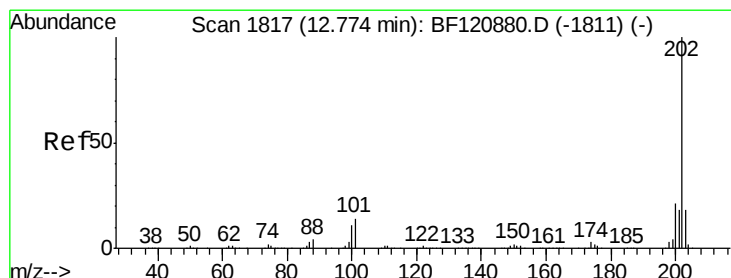
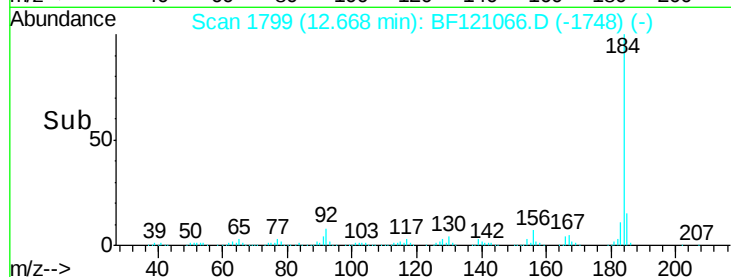
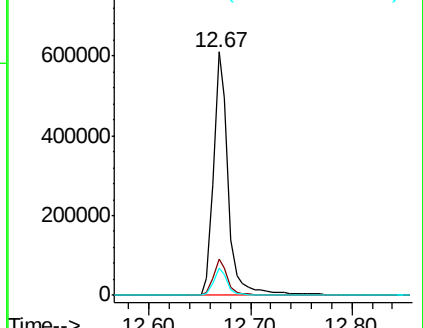
183 11.0 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.080 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

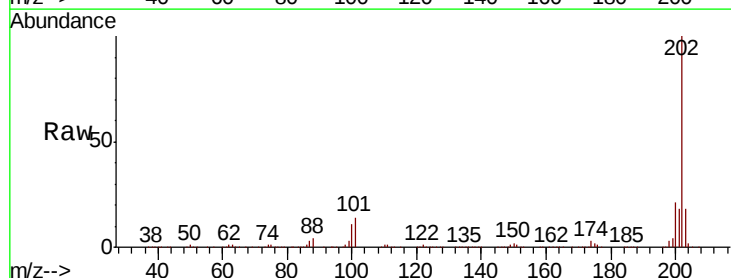
Tgt Ion:202 Resp: 1376143

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.3	14.4	21.6

202 100

200 21.4 17.0 25.4

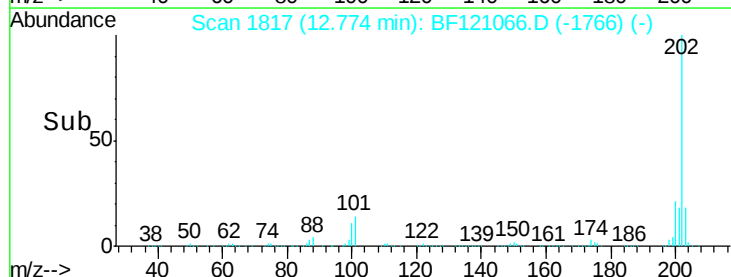
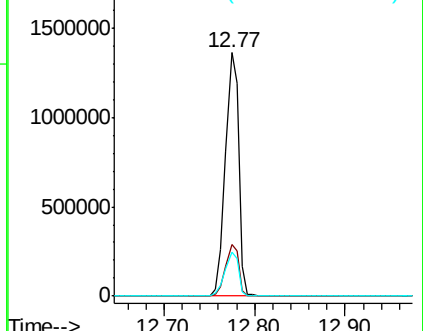
203 18.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.144 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

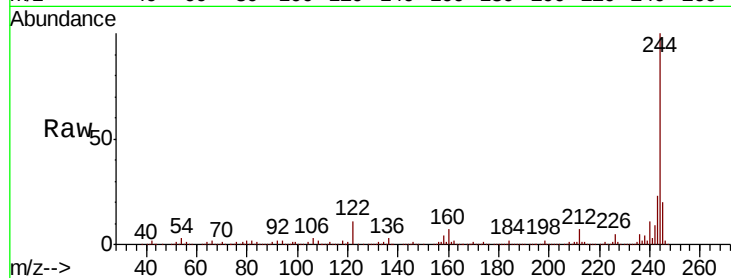
Tot Ion:244 Resp: 1641535

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

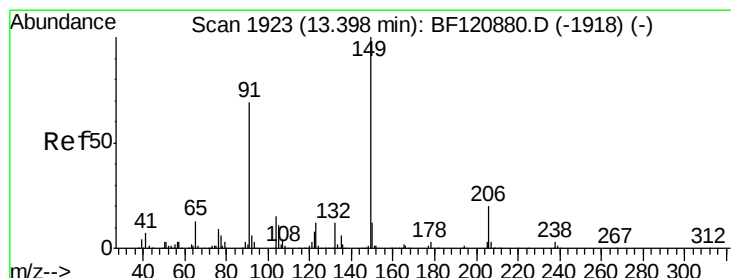
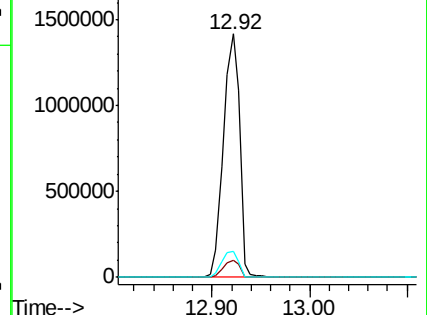
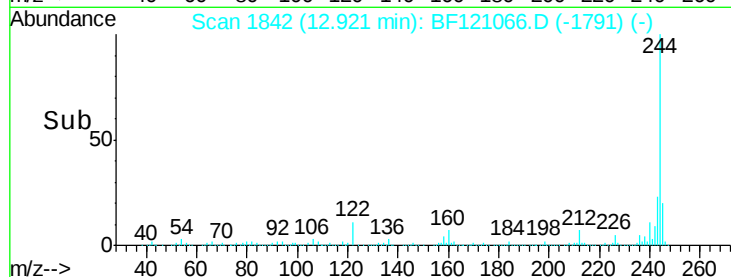
122 10.7 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.875 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

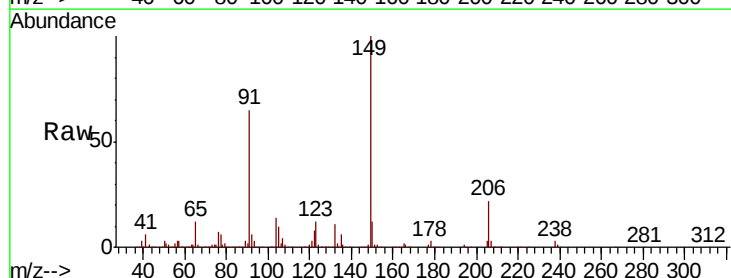
Tgt Ion:149 Resp: 643989

Ion Ratio Lower Upper

149 100

91 64.6 55.1 82.7

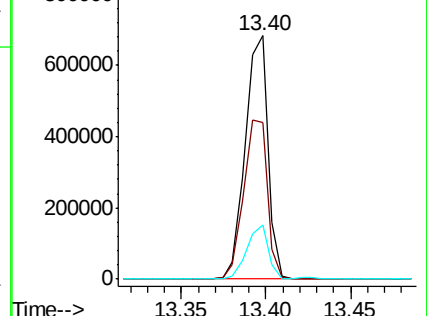
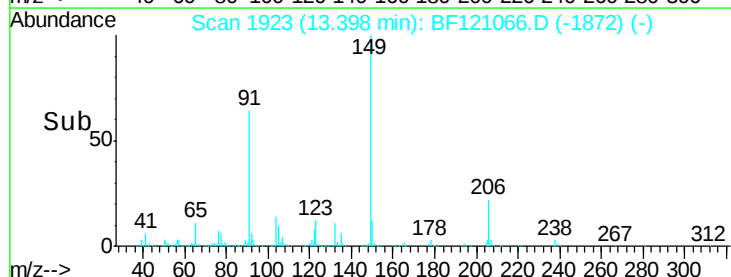
206 22.0 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.045 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

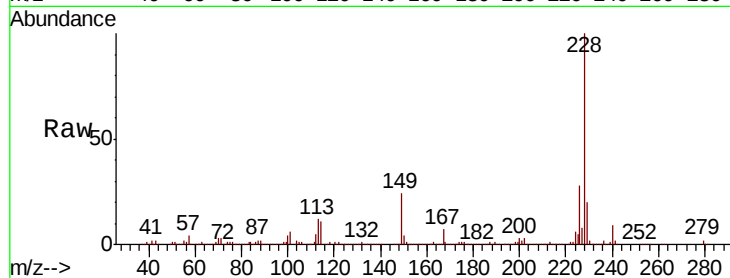
Tot Ion:228 Resp: 1112192

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

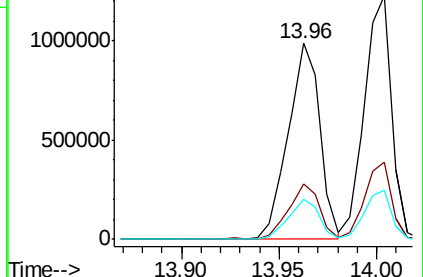
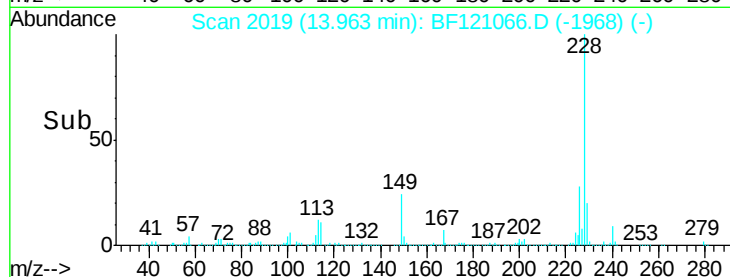
229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.134 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

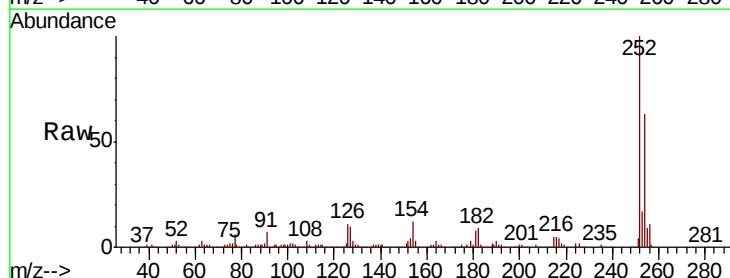
Tgt Ion:252 Resp: 359072

Ion Ratio Lower Upper

252 100

254 63.1 51.2 76.8

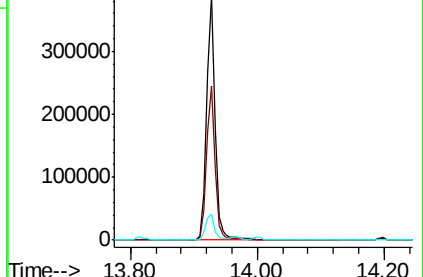
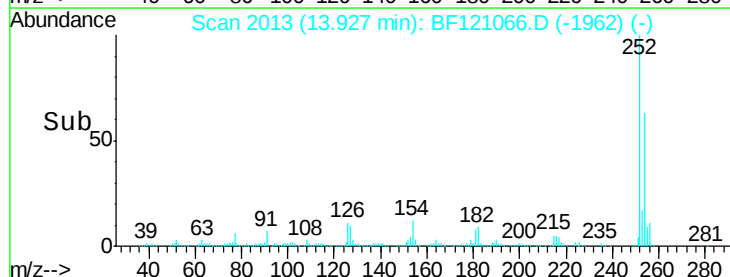
126 10.8 8.7 13.1

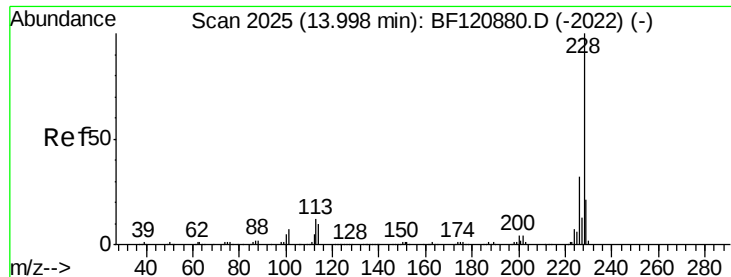


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.921 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

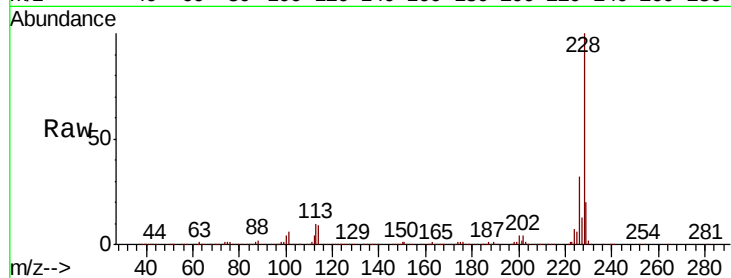
Tot Ion:228 Resp: 1198853

Ion Ratio Lower Upper

228 100

226 31.7 25.6 38.4

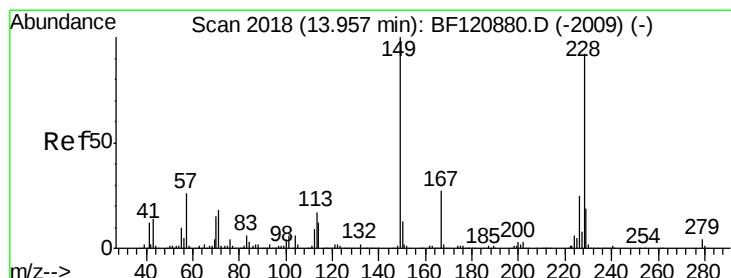
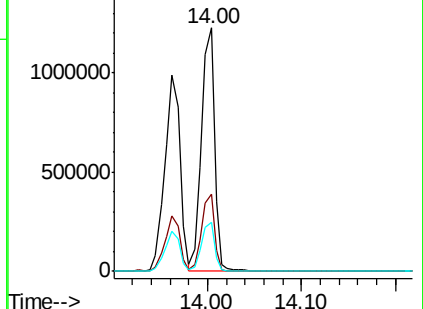
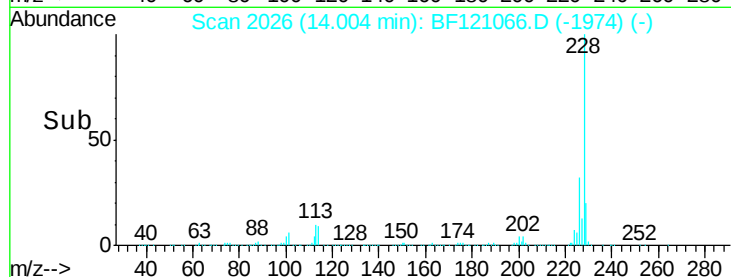
229 20.0 16.8 25.2



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: 38.639 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

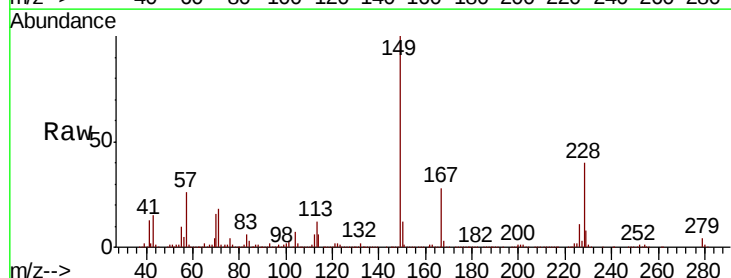
Tgt Ion:149 Resp: 810132

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

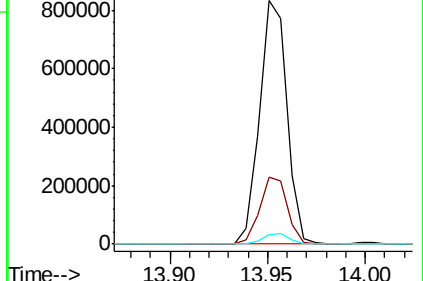
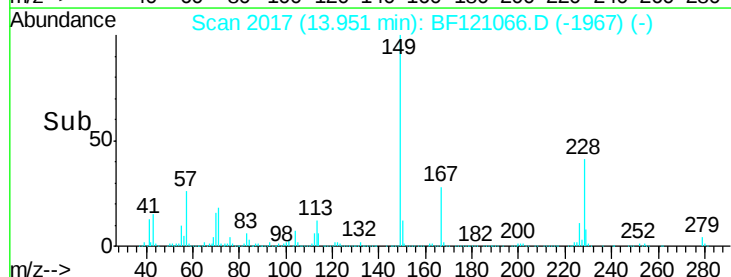
279 3.6 3.0 4.4



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: 37.254 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

Instrument :

BNA_F

ClientSampleId :

SP-1MS

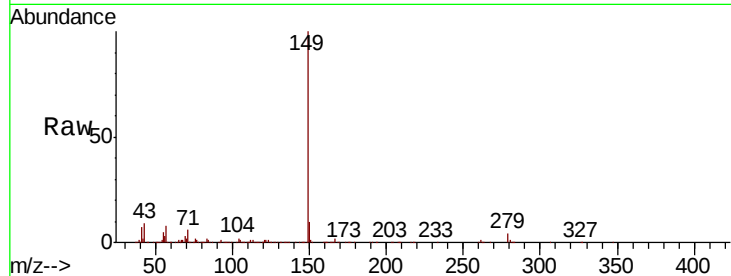
Tot Ion:149 Resp: 1553995

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

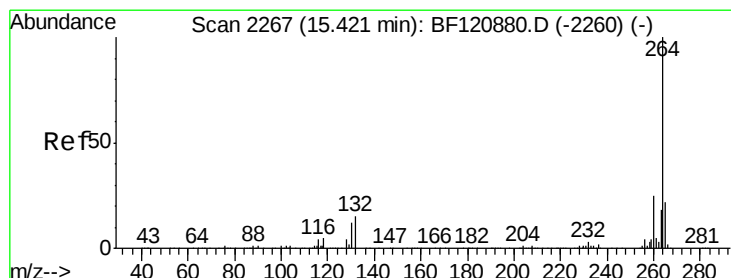
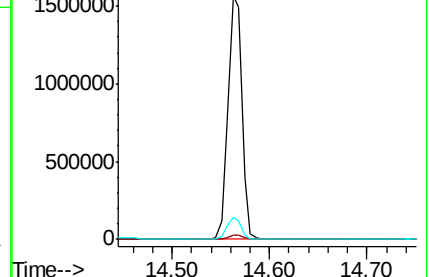
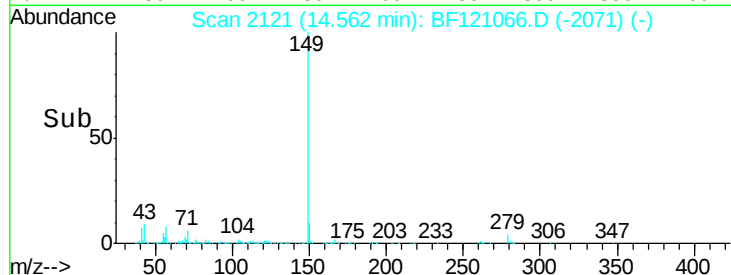
43 8.9 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF121066.D

Acq: 28 Jul 2020 13:20

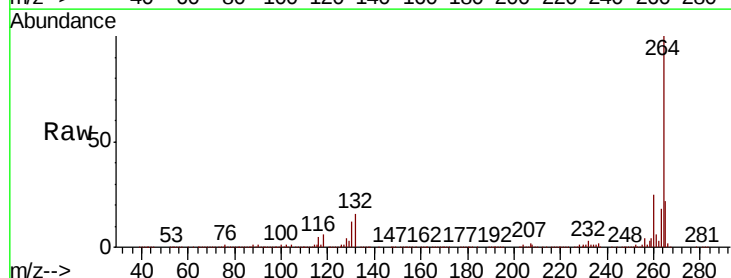
Tgt Ion:264 Resp: 522193

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

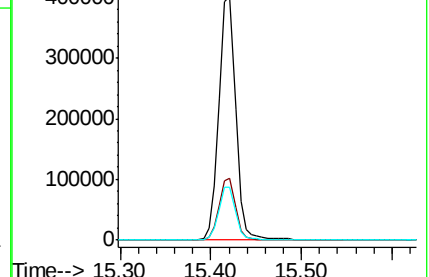
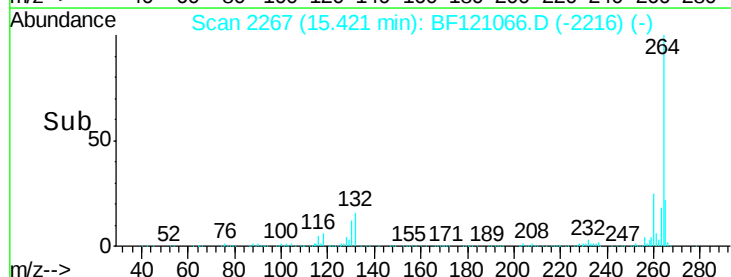
265 22.0 17.4 26.2

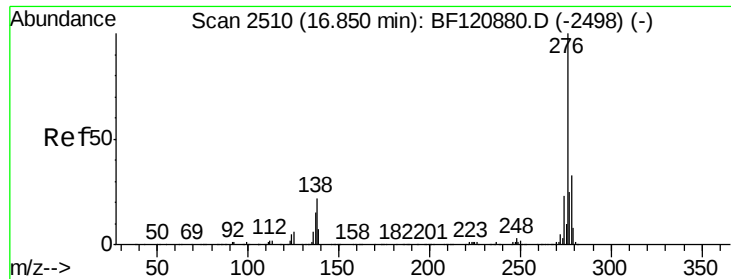


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



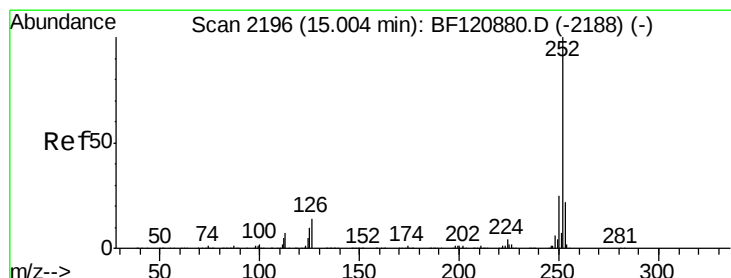
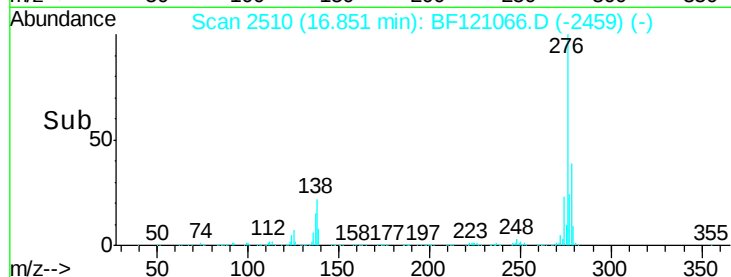
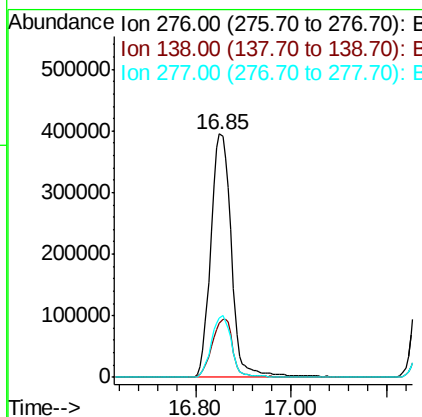
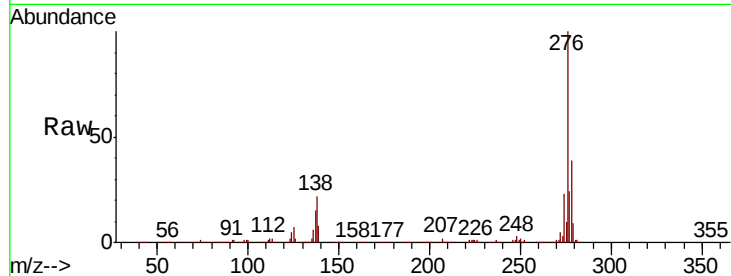


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.678 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MS

Tot Ion:276 Resp: 1186758

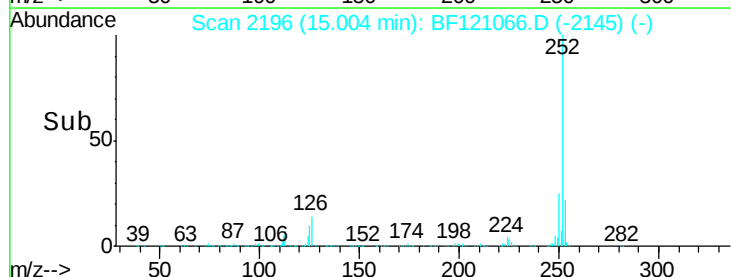
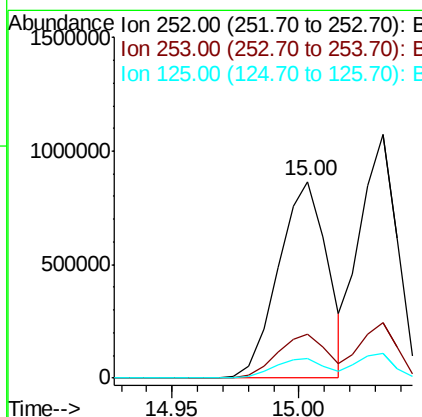
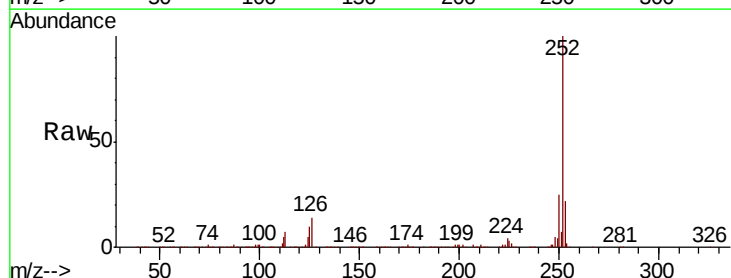
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.8
277	25.2	20.2	30.2

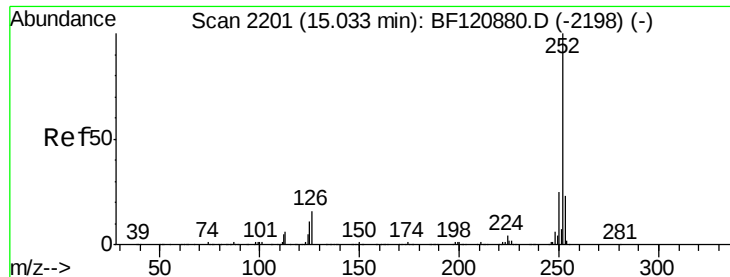


#88
 Benzo(b)fluoranthene
 Concen: 36.806 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121066.D
 Acq: 28 Jul 2020 13:20

Tgt Ion:252 Resp: 1161757

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	8.3	12.5

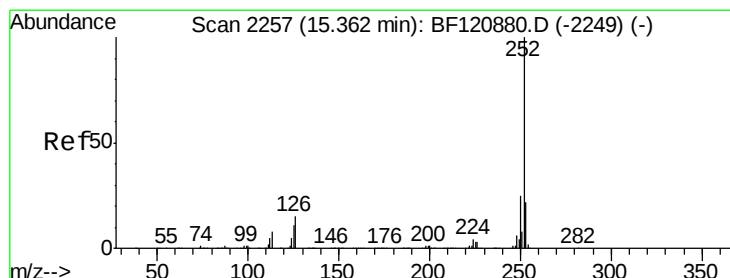
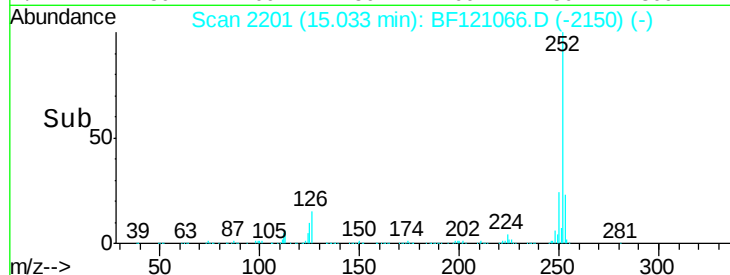
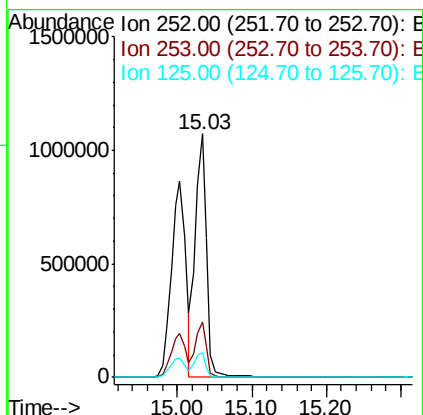
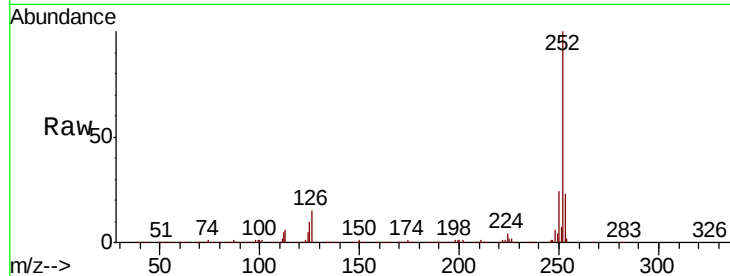




#89
Benzo(k)fluoranthene
Concen: 39.349 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

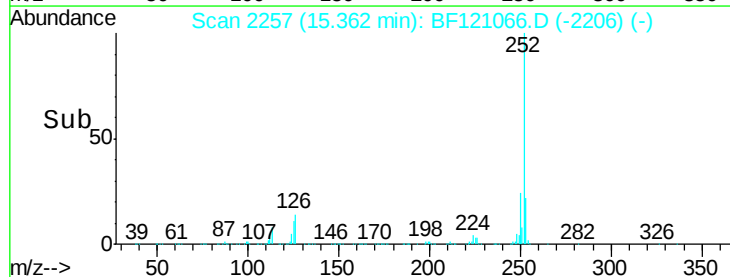
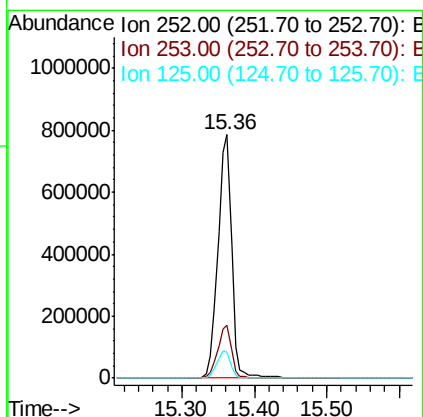
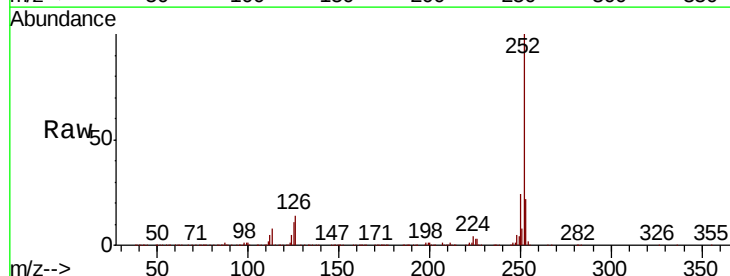
Instrument :
BNA_F
ClientSampleId :
SP-1MS

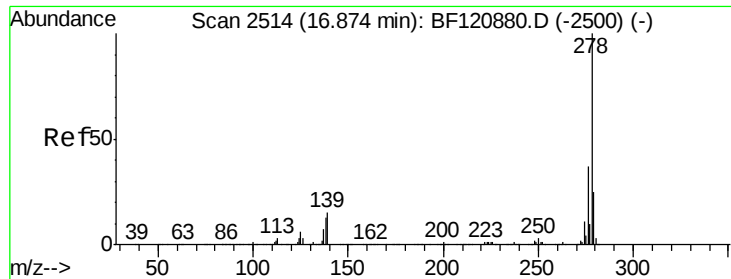
Tot Ion:252 Resp: 1132731
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 35.889 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion:252 Resp: 1033556
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 8.9 13.3

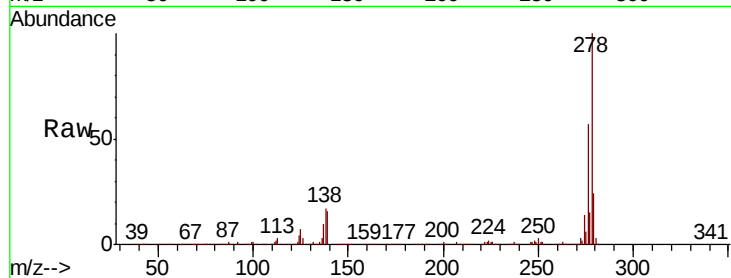




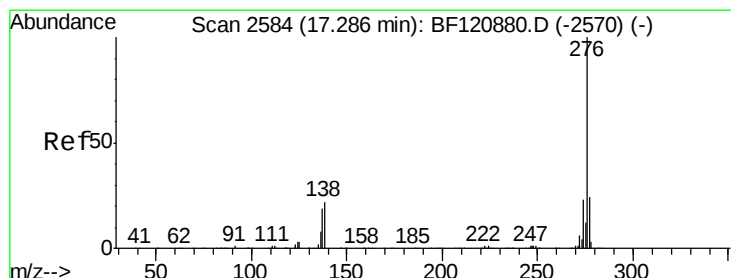
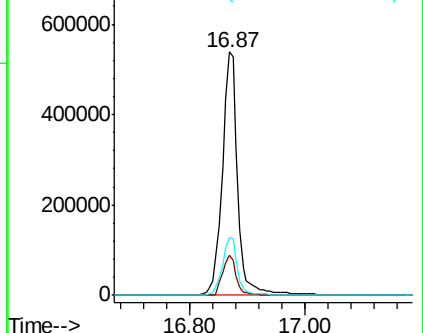
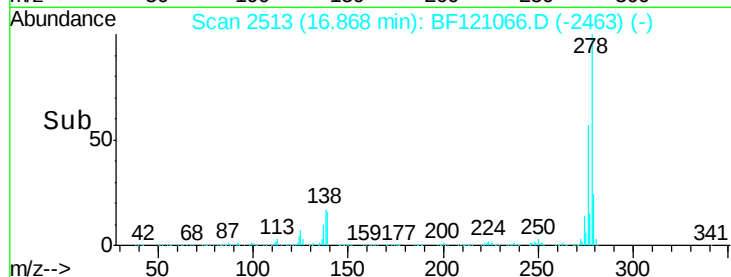
#91
Dibenzo(a,h)anthracene
Concen: 33.628 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.3	18.5
279	24.0	20.1	30.1

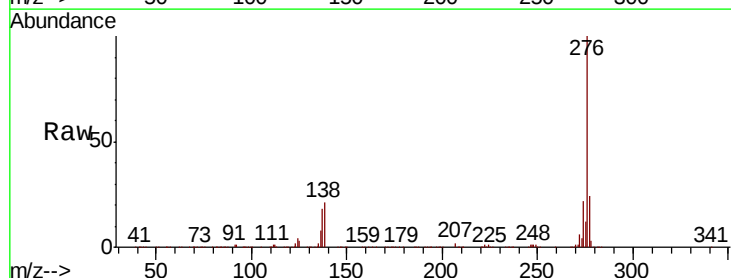


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.987 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF121066.D
Acq: 28 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.9	17.5	26.3



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

