

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121312.D
 Acq On : 17 Aug 2020 16:18
 Operator : JU/CG
 Sample : L3659-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Quant Time: Aug 17 17:04:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104284	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408562	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	213986	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	427562	20.00	ng	0.00
76) Chrysene-d12	13.86	240	385807	20.00	ng	0.00
86) Perylene-d12	15.27	264	389204	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	394615	57.37	ng	0.00
7) Phenol-d6	6.35	99	480625	54.22	ng	0.00
23) Nitrobenzene-d5	7.27	82	308068	41.21	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	153044	58.09	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	617123	39.89	ng	0.00
79) Terphenyl-d14	12.80	244	720135	36.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	65595	22.408	ng	98
3) Pyridine	3.00	79	148441	19.480	ng	99
4) n-Nitrosodimethylamine	2.93	42	77410	24.805	ng	93
6) Aniline	6.36	93	128995	12.276	ng	# 61
8) 2-Chlorophenol	6.49	128	180843	23.909	ng	97
9) Benzaldehyde	6.25	77	109137	23.892	ng	92
10) Phenol	6.36	94	231438	24.069	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	168600	24.291	ng	100
12) 1,3-Dichlorobenzene	6.65	146	184632	23.102	ng	98
13) 1,4-Dichlorobenzene	6.72	146	187630	23.228	ng	99
14) 1,2-Dichlorobenzene	6.87	146	178892	23.465	ng	98
15) Benzyl Alcohol	6.85	79	143566	24.179	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	238053	23.818	ng	99
17) 2-Methylphenol	6.97	107	144559	24.195	ng	98
18) Hexachloroethane	7.22	117	67015	23.460	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	115193	23.390	ng	98
20) 3+4-Methylphenols	7.12	107	185170	24.428	ng	# 75
22) Acetophenone	7.12	105	242803	23.073	ng	96
24) Nitrobenzene	7.29	77	183602	22.635	ng	96
25) Isophorone	7.53	82	328791	21.906	ng	98
26) 2-Nitrophenol	7.60	139	93747	23.853	ng	93
27) 2,4-Dimethylphenol	7.65	122	157295	24.979	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	210031	25.019	ng	99
29) 2,4-Dichlorophenol	7.85	162	148066	22.994	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	160264	22.549	ng	99
31) Naphthalene	8.01	128	511922	22.271	ng	99
32) Benzoic acid	7.77	122	76428	26.124	ng	99
33) 4-Chloroaniline	8.06	127	82892	8.837	ng	99
34) Hexachlorobutadiene	8.13	225	92212	21.444	ng	99
35) Caprolactam	8.42	113	48527	25.019	ng	96
36) 4-Chloro-3-methylphenol	8.55	107	153477	23.360	ng	97
37) 2-Methylnaphthalene	8.70	142	349766	23.124	ng	99
38) 1-Methylnaphthalene	8.80	142	324380	22.650	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	161397	22.510	ng	99

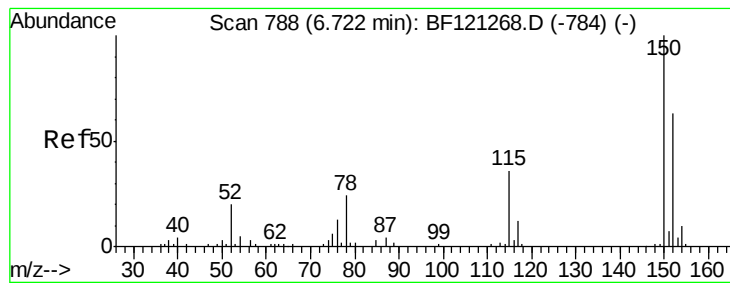
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121312.D
 Acq On : 17 Aug 2020 16:18
 Operator : JU/CG
 Sample : L3659-07MSD
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Instrument :
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Quant Time: Aug 17 17:04:22 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	93296	44.061	nq	99
43) 2,4,6-Trichlorophenol	8.99	196	107465	23.567	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	115692	23.359	nq	98
46) 1,1'-Biphenyl	9.16	154	425710	23.024	nq	98
47) 2-Chloronaphthalene	9.19	162	322308	22.645	nq	99
48) 2-Nitroaniline	9.29	65	100331	25.079	nq	91
49) Acenaphthylene	9.60	152	521173	23.054	nq	99
50) Dimethylphthalate	9.47	163	454344	28.217	nq	99
51) 2,6-Dinitrotoluene	9.53	165	83889	23.371	nq	97
52) Acenaphthene	9.77	154	302185	22.578	nq	99
53) 3-Nitroaniline	9.70	138	48520	11.839	nq	100
54) 2,4-Dinitrophenol	9.81	184	69516	46.954	nq	93
55) Dibenzofuran	9.95	168	476454	22.354	nq	98
56) 4-Nitrophenol	9.87	139	137831	52.113	nq	100
57) 2,4-Dinitrotoluene	9.93	165	111985	23.773	nq	94
58) Fluorene	10.29	166	362240	22.452	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	100239	25.597	nq	99
60) Diethylphthalate	10.16	149	382371	23.352	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	178359	22.729	nq	97
62) 4-Nitroaniline	10.31	138	91108	22.173	nq	96
63) Azobenzene	10.44	77	368594	22.529	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	53808	23.736	nq	88
66) n-Nitrosodiphenylamine	10.40	169	331406	22.605	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	113314	22.720	nq	96
68) Hexachlorobenzene	10.83	284	129462	22.764	nq	95
69) Atrazine	10.93	200	93603	21.345	nq	100
70) Pentachlorophenol	11.03	266	125875	52.102	nq	97
71) Phenanthrene	11.25	178	557274	22.783	nq	99
72) Anthracene	11.30	178	564028	22.978	nq	100
73) Carbazole	11.46	167	538733	22.442	nq	99
74) Di-n-butylphthalate	11.79	149	651441	24.042	nq	99
75) Fluoranthene	12.43	202	645771	23.709	nq	98
77) Benzidine	12.56	184	252681	24.913	nq	98
78) Pyrene	12.66	202	666183	23.188	nq	100
80) Butylbenzylphthalate	13.28	149	295820	25.207	nq	95
81) Benzo(a)anthracene	13.84	228	586988	22.432	nq	100
82) 3,3'-Dichlorobenzidine	13.81	252	165187	15.911	nq	99
83) Chrysene	13.89	228	609239	22.804	nq	98
84) Bis(2-ethylhexyl)phthalate	13.84	149	390658	24.151	nq	# 99
85) Di-n-octyl phthalate	14.45	149	751543	25.341	nq	100
87) Indeno(1,2,3-cd)pyrene	16.63	276	622277	21.505	nq	100
88) Benzo(b)fluoranthene	14.87	252	595546	22.837	nq	99
89) Benzo(k)fluoranthene	14.90	252	589646	24.349	nq	99
90) Benzo(a)pyrene	15.21	252	527353	22.405	nq	99
91) Dibenzo(a,h)anthracene	16.64	278	528591	21.319	nq	97
92) Benzo(g,h,i)perylene	17.04	276	524911	21.452	nq	99

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

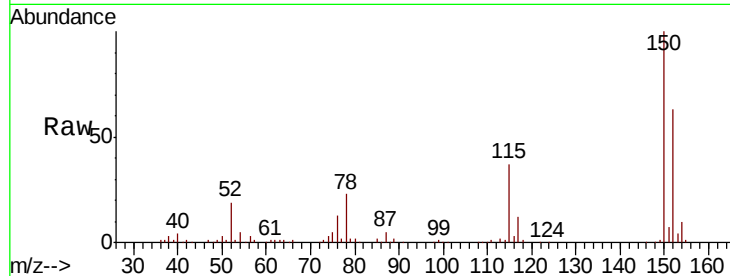


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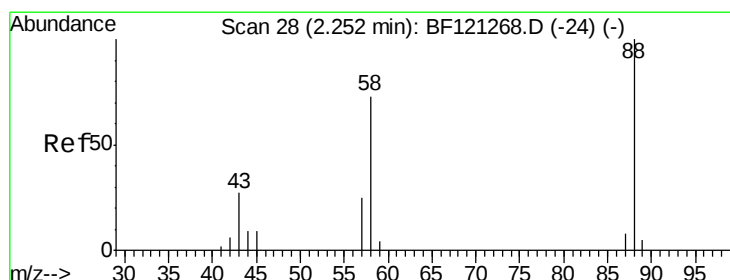
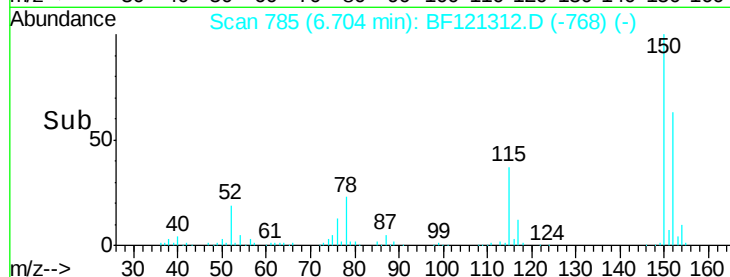
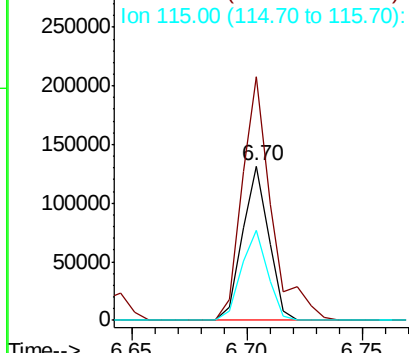
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Tot Ion:152 Resp: 104284
Ion Ratio Lower Upper
152 100
150 157.8 123.9 185.9
115 58.1 47.3 70.9



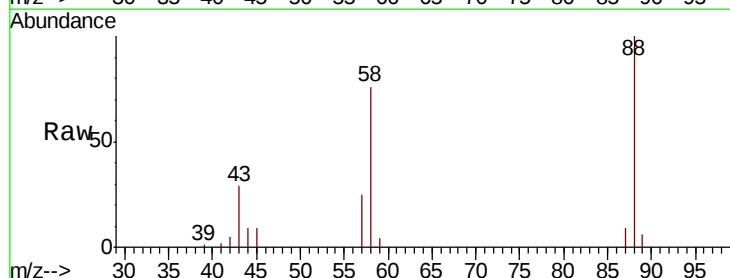
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



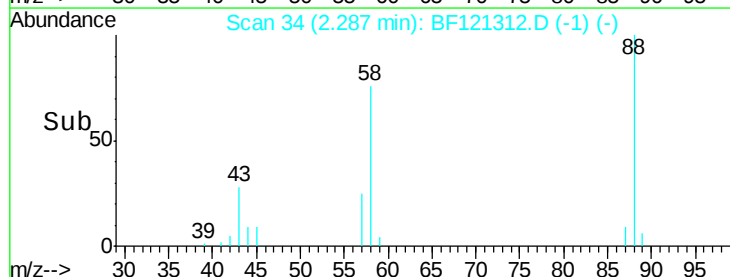
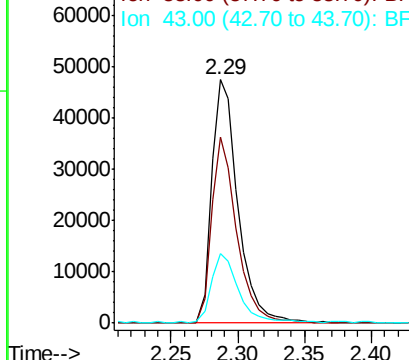
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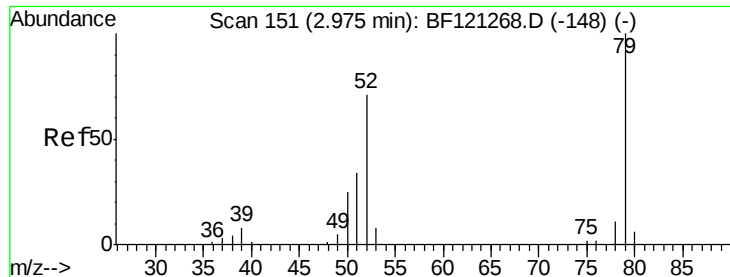
1,4-Dioxane
Concen: 22.408 ng
RT: 2.29 min Scan# 34
Delta R.T. 0.02 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion: 88 Resp: 65595
Ion Ratio Lower Upper
88 100
58 73.2 57.8 86.8
43 30.1 22.2 33.2



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

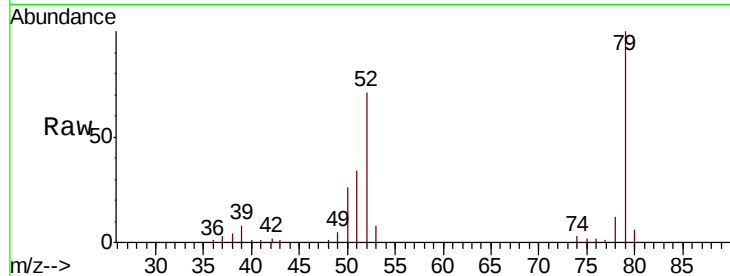




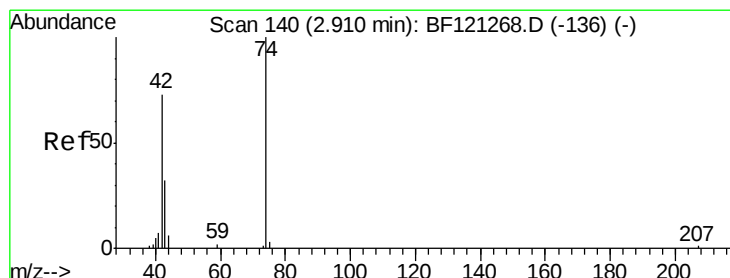
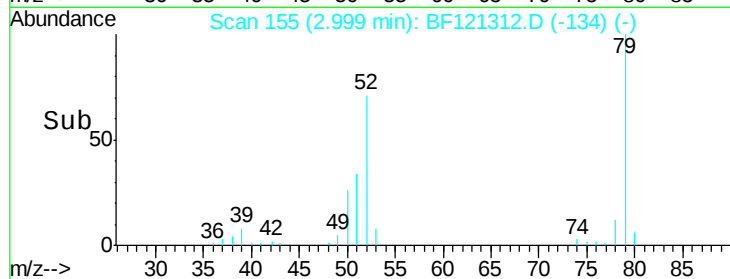
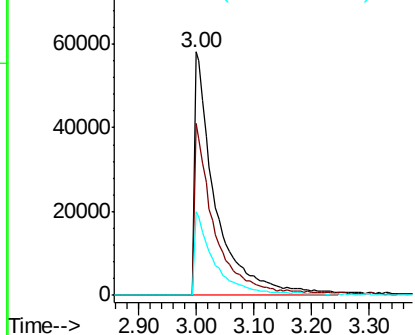
#3
 Pvridine
 Concen: 19.480 ng
 RT: 3.00 min Scan# 155
 Delta R.T. 0.02 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion: 79 Resp: 148441
 Ion Ratio Lower Upper
 79 100
 52 70.6 56.9 85.3
 51 34.4 26.3 39.5

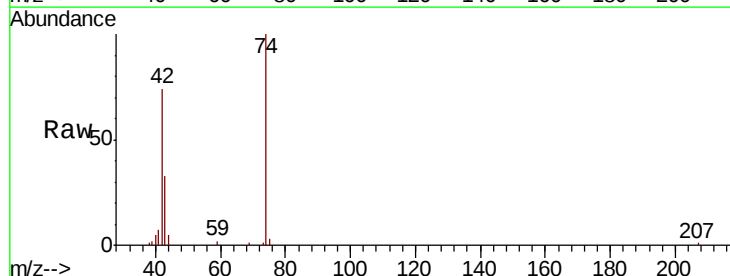


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

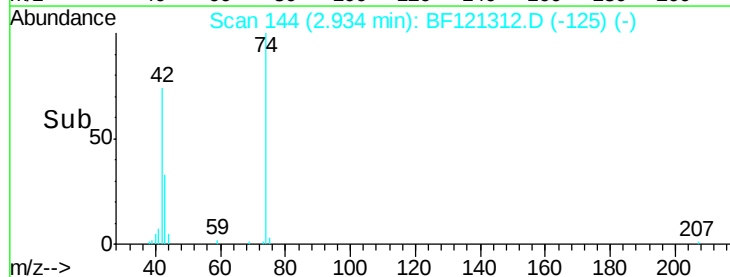
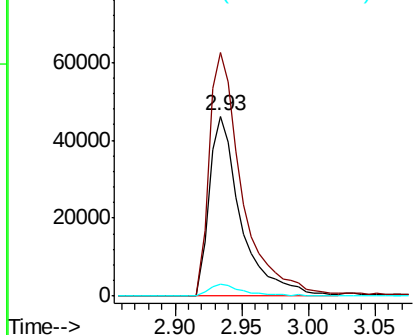


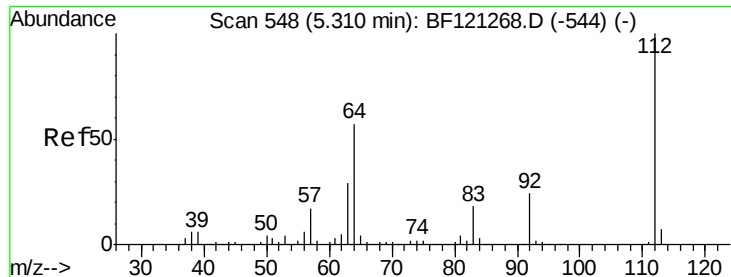
#4
 n-Nitrosodimethylamine
 Concen: 24.805 ng
 RT: 2.93 min Scan# 144
 Delta R.T. 0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion: 42 Resp: 77410
 Ion Ratio Lower Upper
 42 100
 74 135.2 115.8 173.8
 44 6.7 5.7 8.5



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

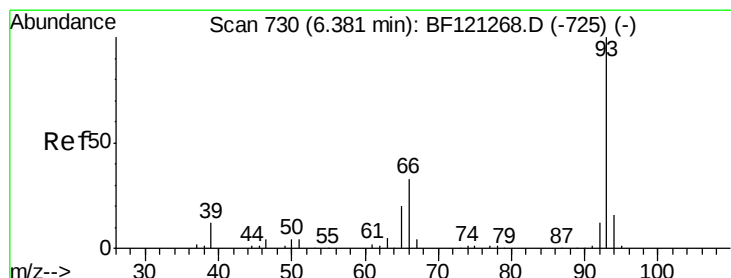
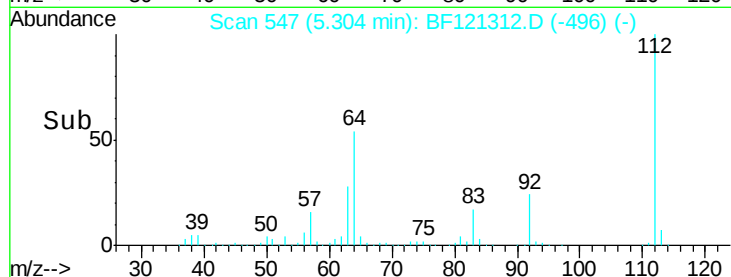
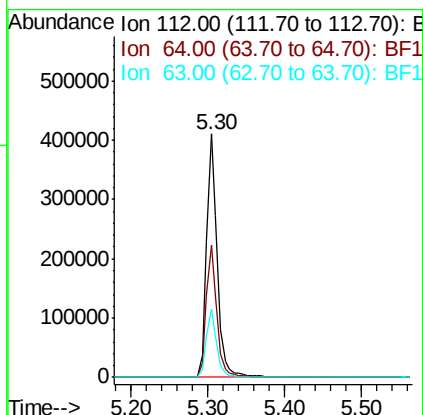
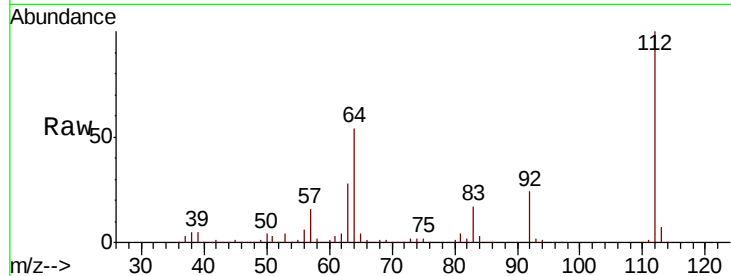




#5
2-Fluorophenol
Concen: 57.369 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

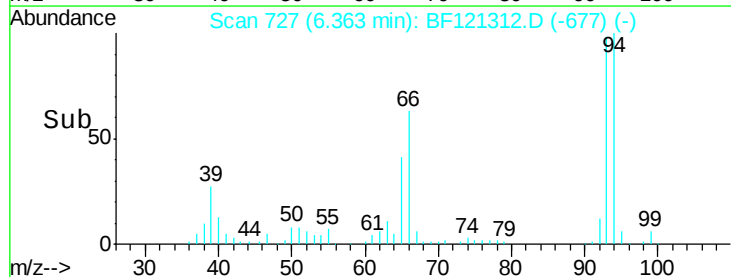
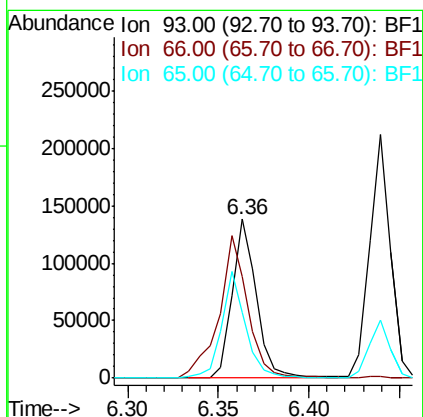
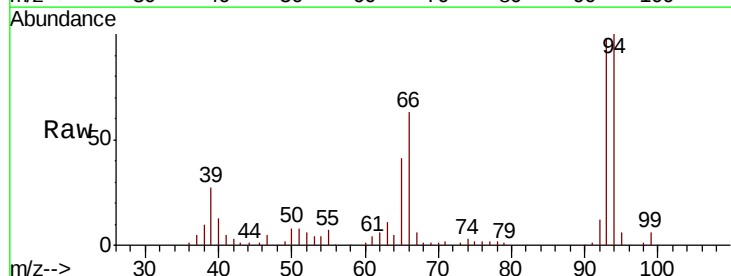
Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

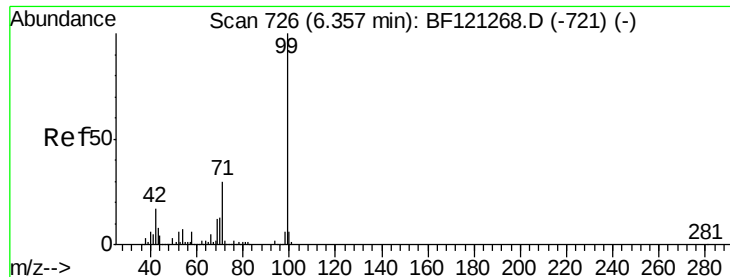
Tot Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.9	64.3
63	27.8	22.2	33.2



#6
Aniline
Concen: 12.276 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
93	100		
66	64.1	32.2	48.4#
65	41.6	18.2	27.4#





#7

Phenol-d6

Concen: 54.222 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

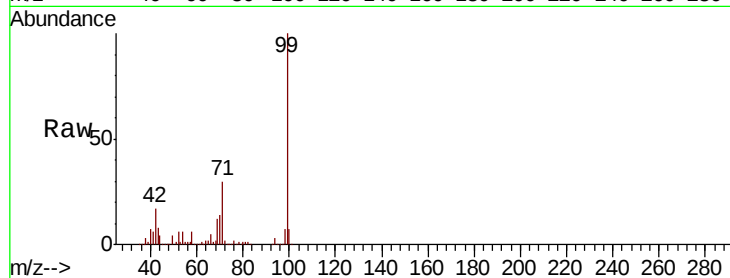
Tot Ion: 99 Resp: 480625

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

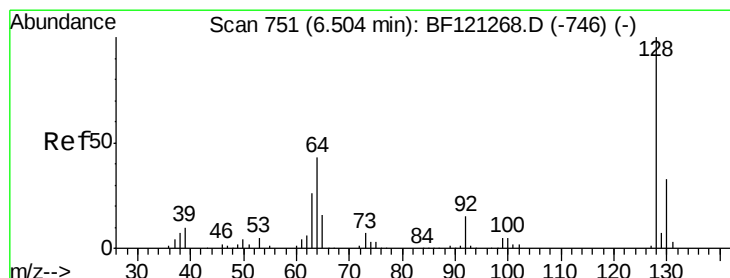
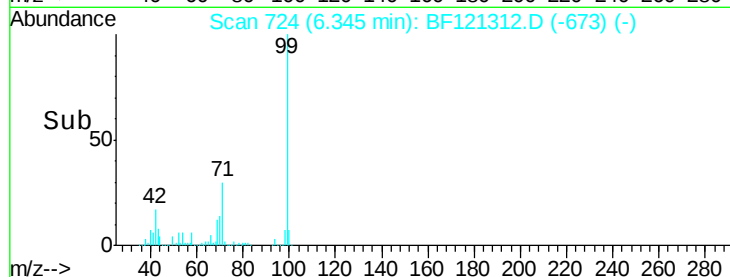
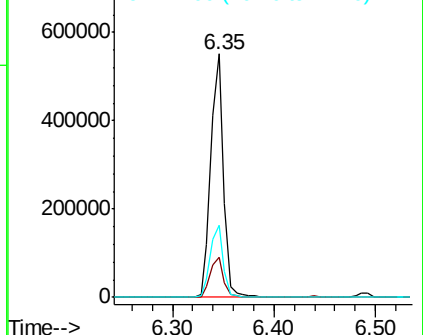
71 29.7 24.8 37.2



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: 23.909 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

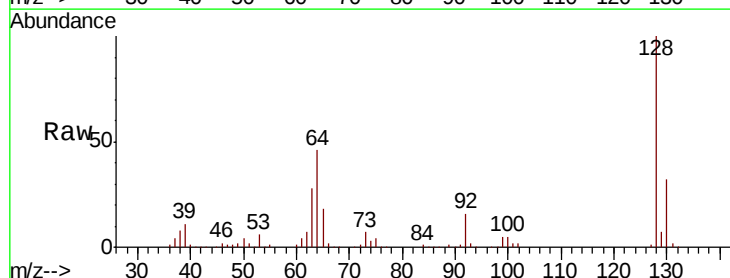
Tgt Ion: 128 Resp: 180843

Ion Ratio Lower Upper

128 100

130 32.1 11.9 51.9

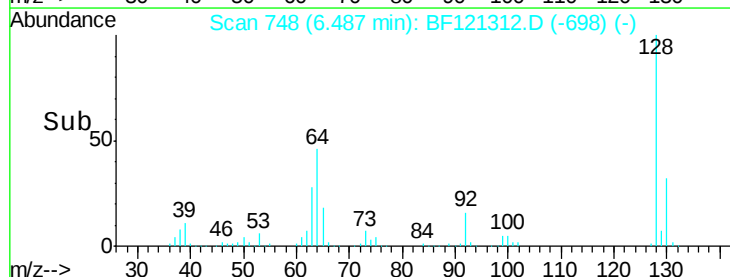
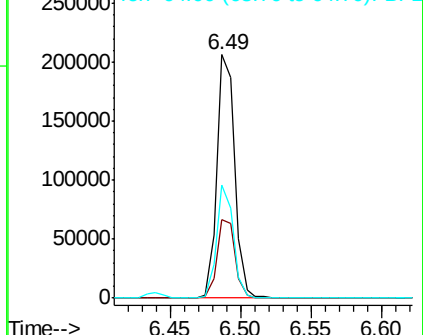
64 46.2 22.5 62.5

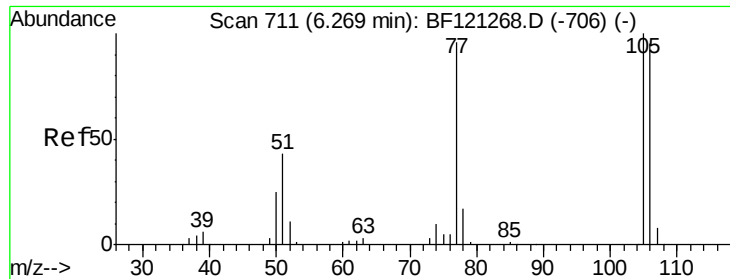


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.892 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

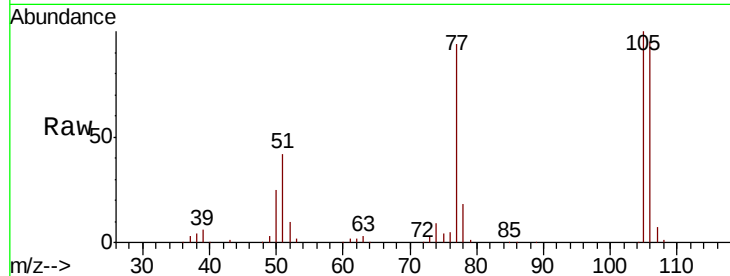
Tot Ion: 77 Resp: 109137

Ion Ratio Lower Upper

77 100

105 106.5 77.6 117.6

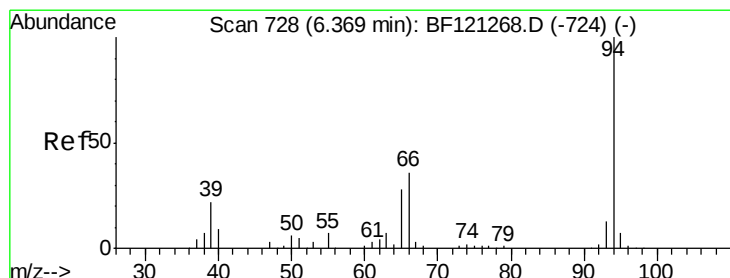
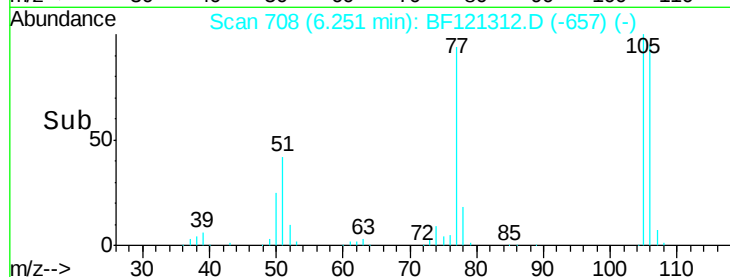
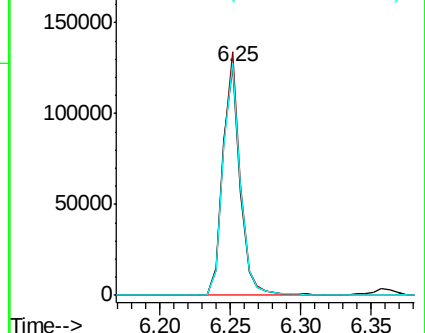
106 101.4 74.9 114.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 24.069 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

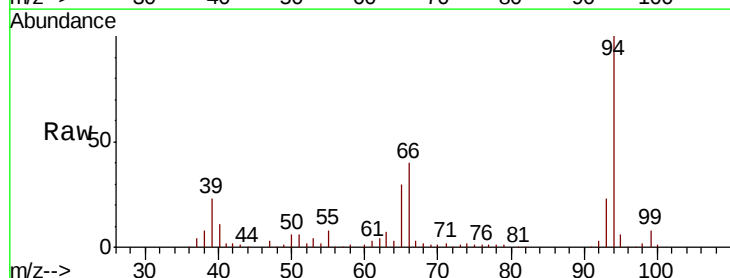
Tgt Ion: 94 Resp: 231438

Ion Ratio Lower Upper

94 100

65 30.3 19.2 59.2

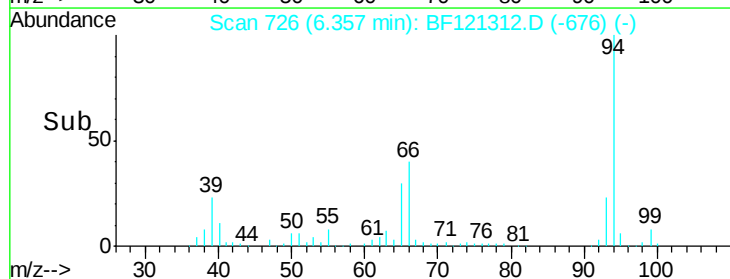
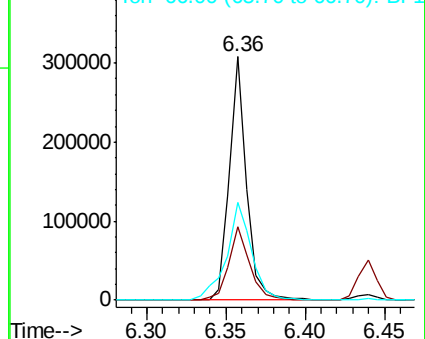
66 40.2 39.6 79.6

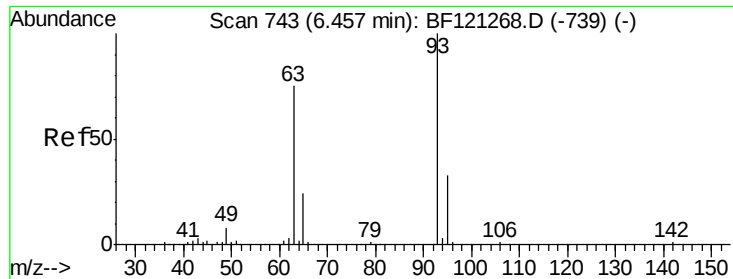


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

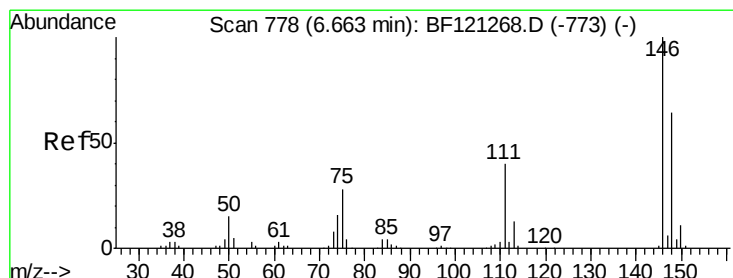
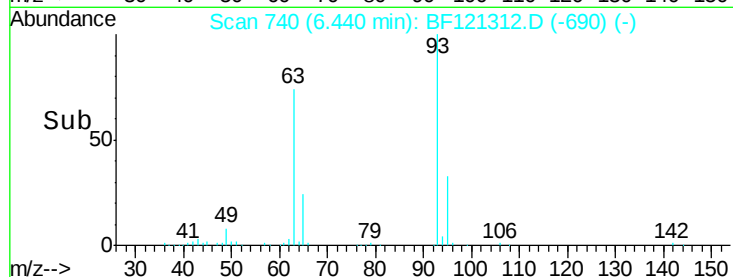
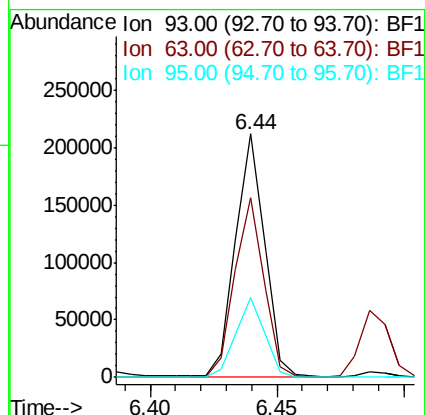
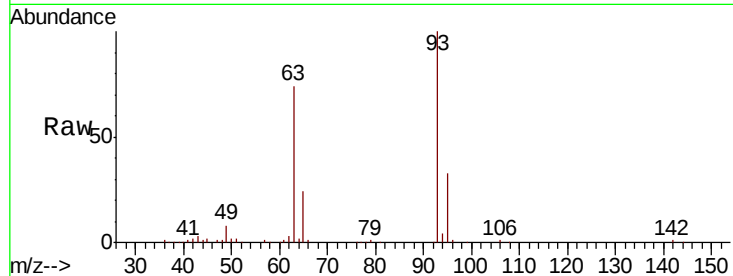




#11
 bis(2-Chloroethyl)ether
 Concen: 24.291 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

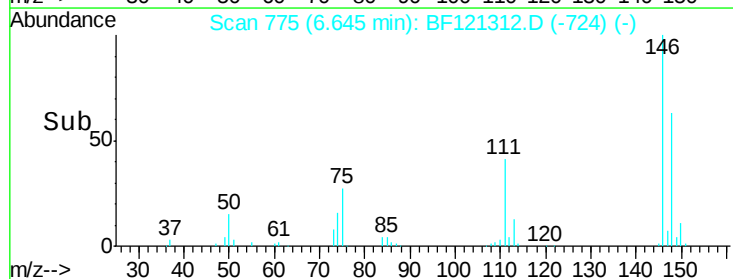
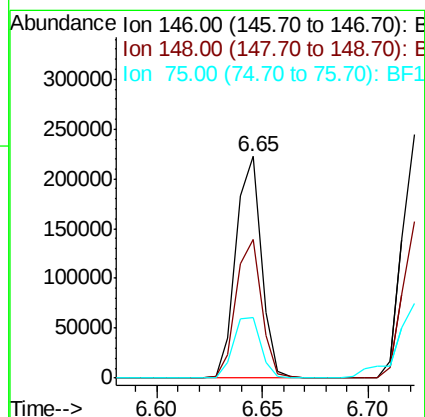
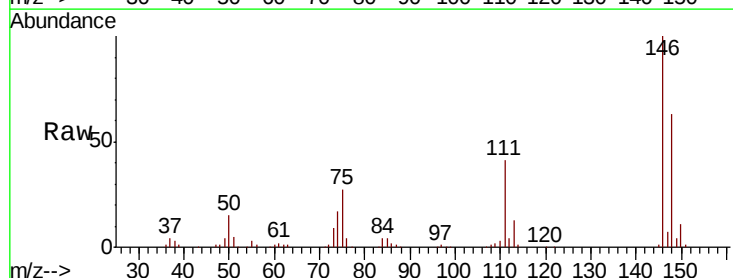
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

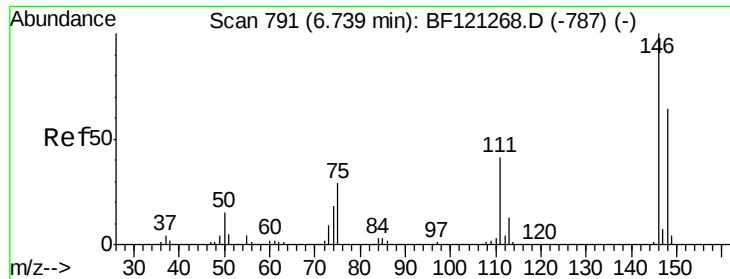
Tot Ion: 93 Resp: 168600
 Ion Ratio Lower Upper
 93 100
 63 74.0 53.9 93.9
 95 33.0 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 23.102 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion: 146 Resp: 184632
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 75 27.3 24.1 36.1

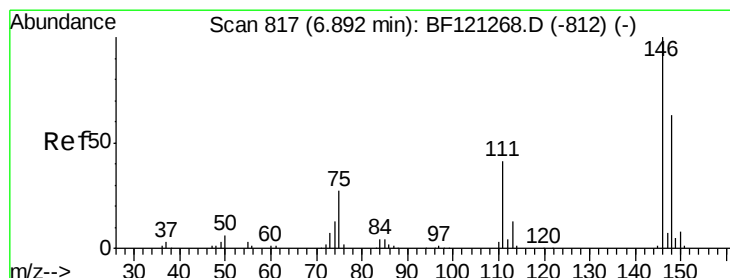
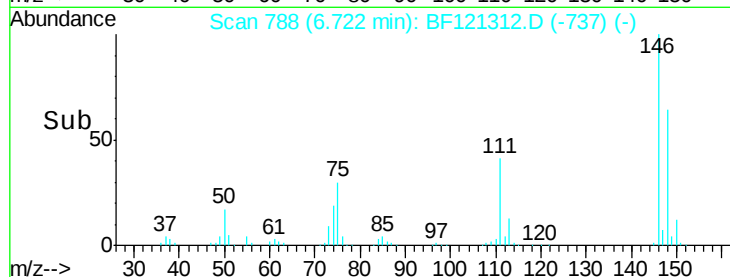
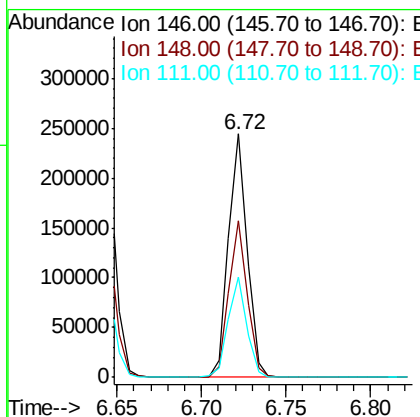
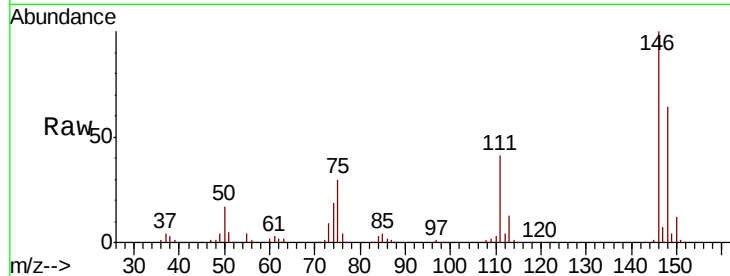




#13
 1,4-Dichlorobenzene
 Concen: 23.228 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

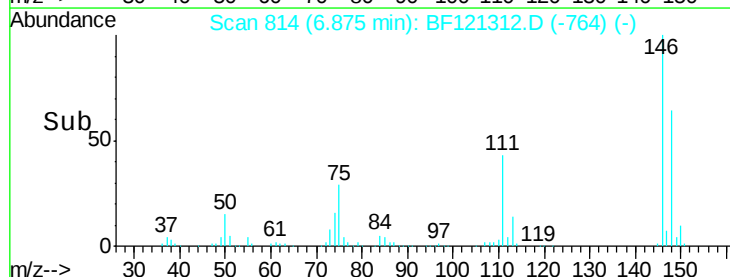
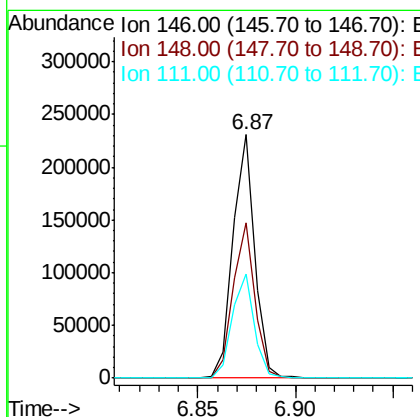
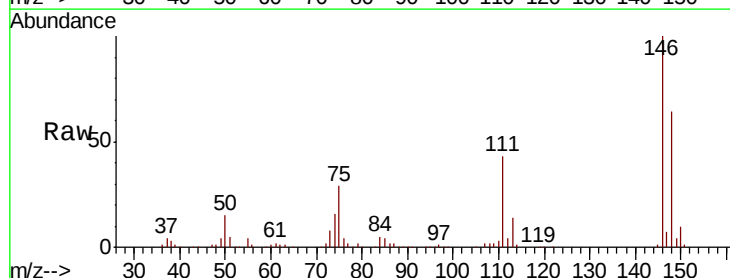
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

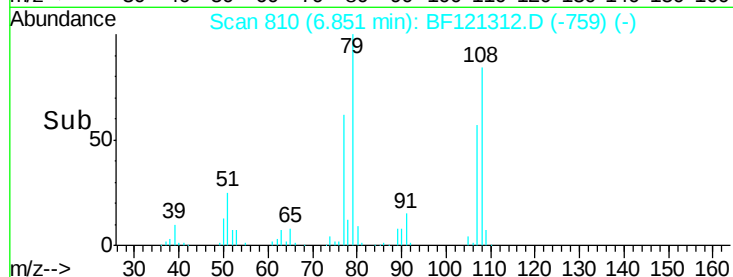
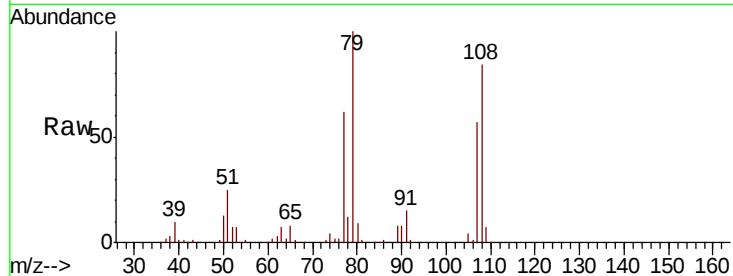
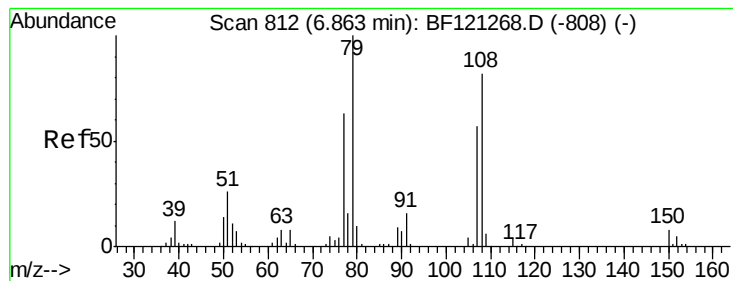
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	41.0	33.0	49.6



#14
 1,2-Dichlorobenzene
 Concen: 23.465 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	42.6	32.3	48.5





#15

Benzyl Alcohol

Concen: 24.179 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampled :

SP1-3MSD

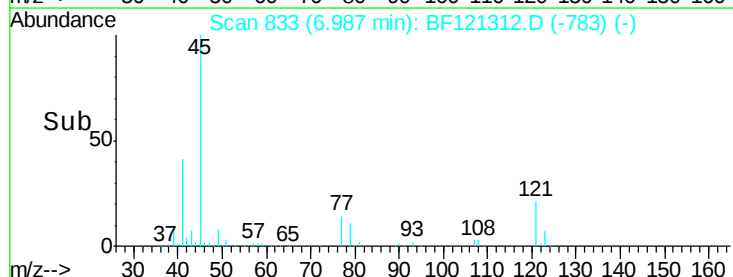
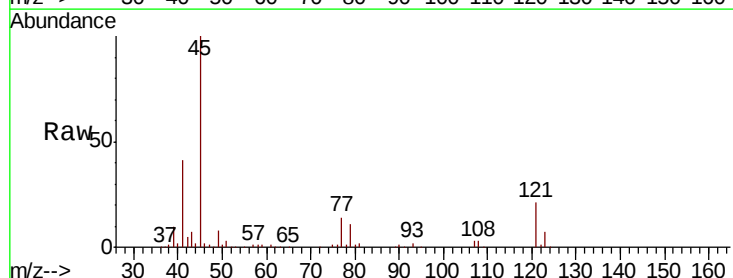
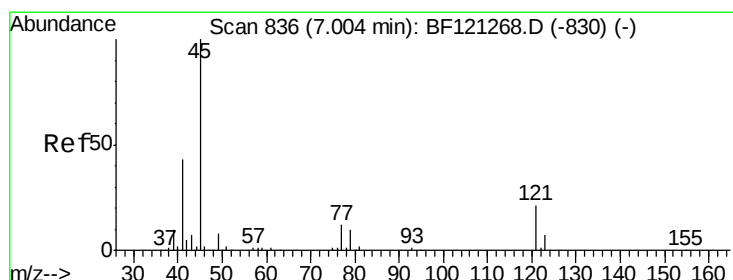
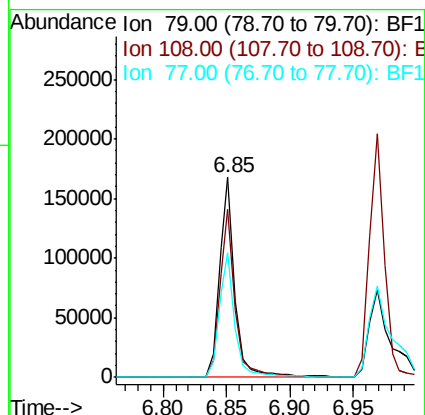
Tot Ion: 79 Resp: 143566

Ion Ratio Lower Upper

79 100

108 84.4 66.3 99.5

77 62.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.818 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

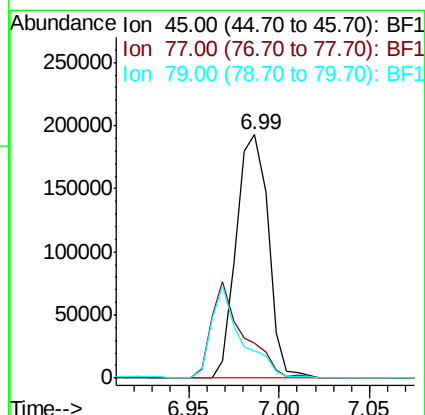
Tgt Ion: 45 Resp: 238053

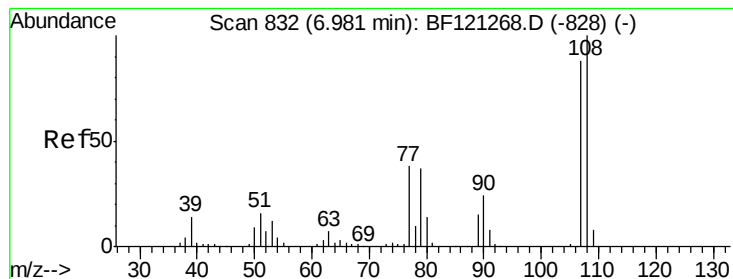
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.4

79 11.2 0.0 31.5





#17

2-Methylphenol

Concen: 24.195 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

Tot Ion:107 Resp: 144559

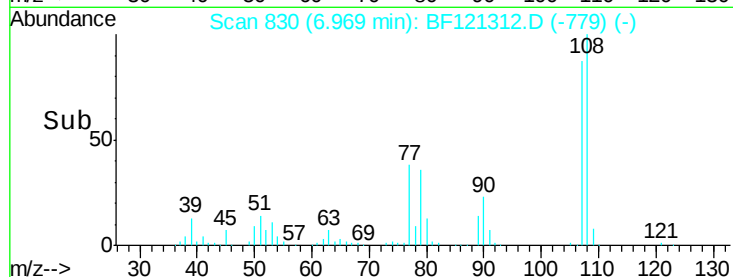
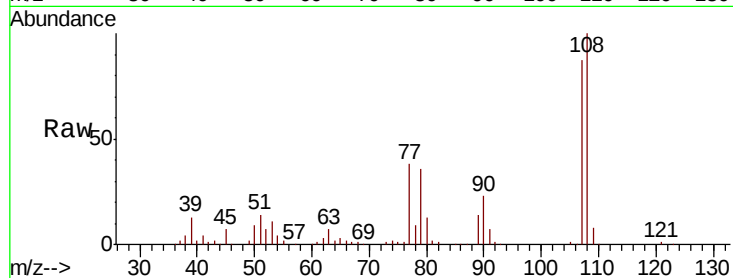
Ion Ratio Lower Upper

107 100

108 115.3 93.4 140.0

77 43.4 35.7 53.5

79 41.5 34.1 51.1

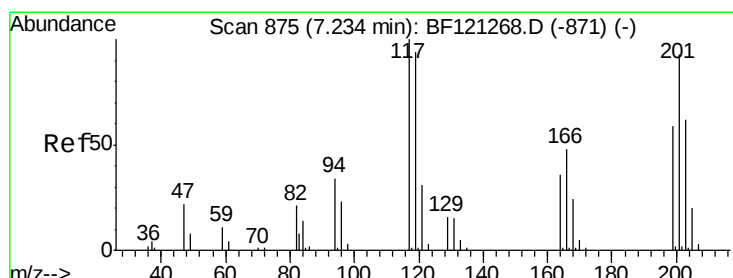
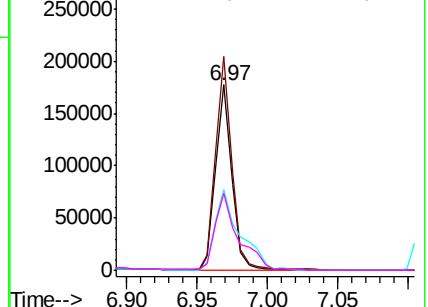


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.460 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

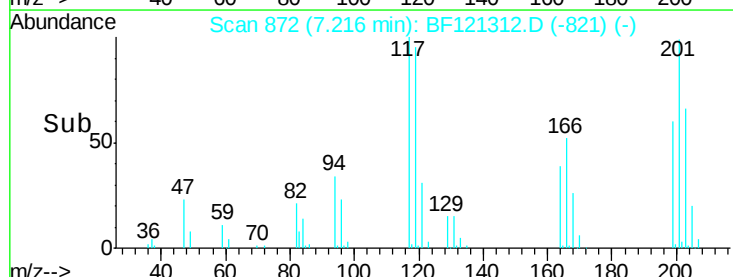
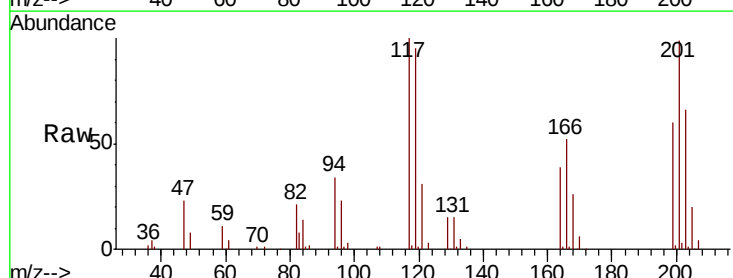
Tgt Ion:117 Resp: 67015

Ion Ratio Lower Upper

117 100

119 94.9 74.6 112.0

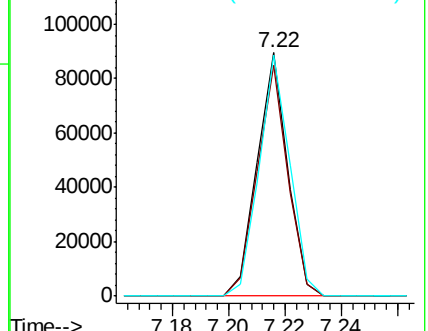
201 99.1 69.8 104.8

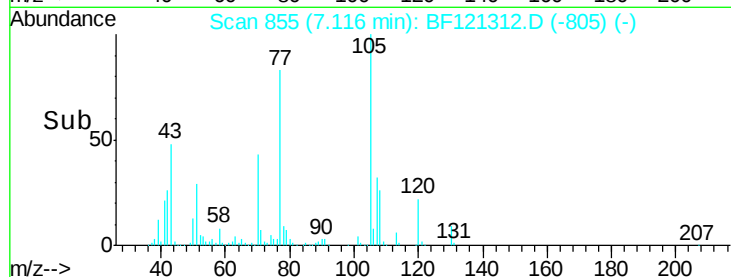
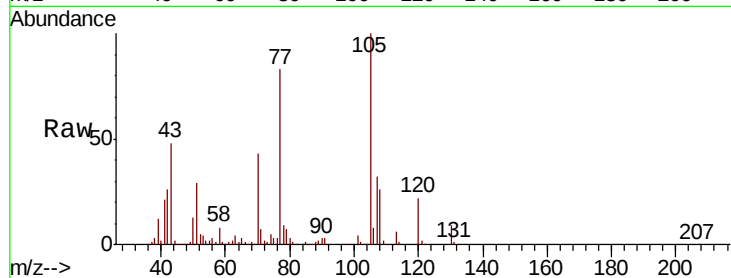
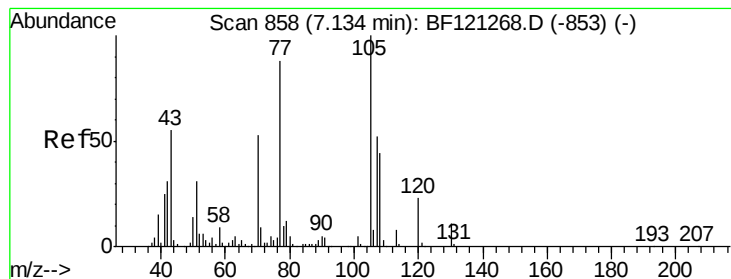


Abundance Ion 117.00 (116.70 to 117.70): E

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: 23.390 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

Tot Ion: 70 Resp: 115193

Ion Ratio Lower Upper

70 100

42 60.6 47.0 70.6

101 9.5 7.6 11.4

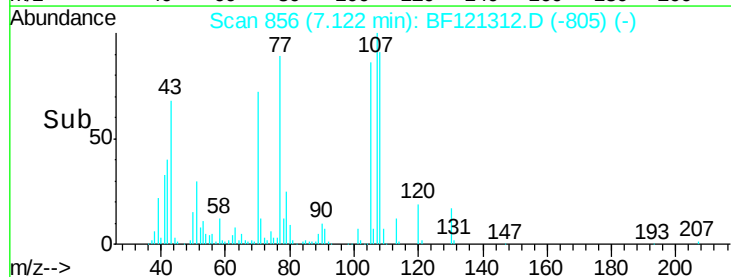
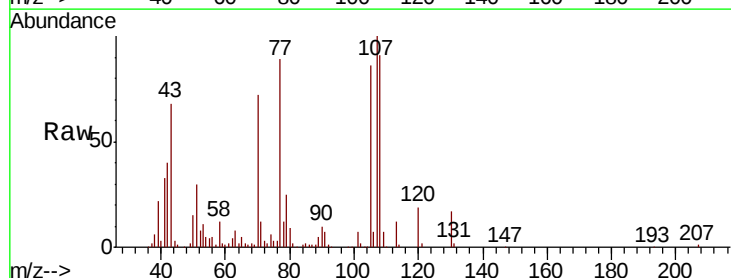
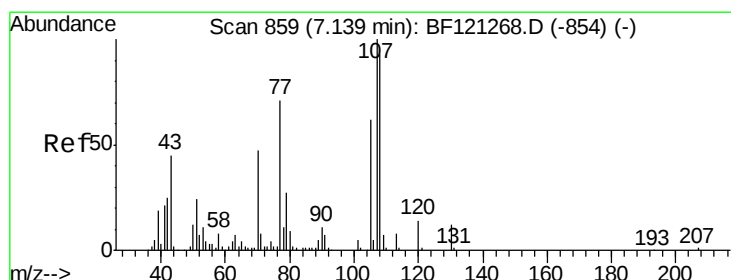
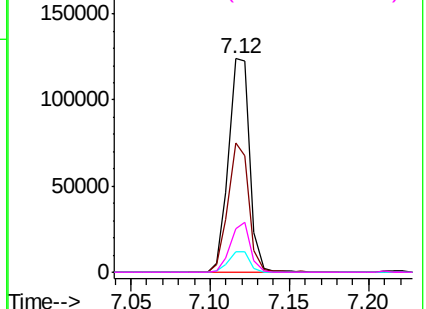
130 20.5 16.9 25.3

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: 24.428 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Tgt Ion:107 Resp: 185170

Ion Ratio Lower Upper

107 100

108 90.8 66.3 106.3

77 88.6 119.8 159.8#

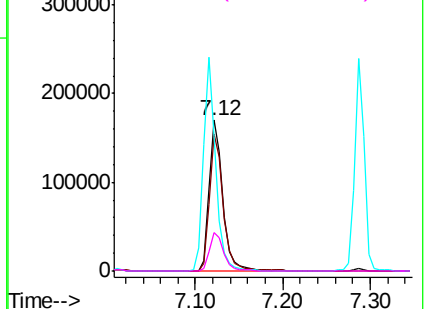
79 25.5 5.1 45.1

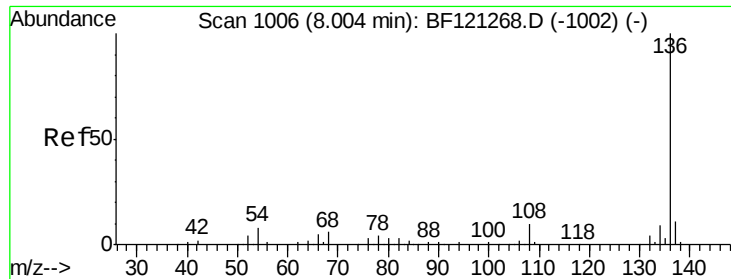
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

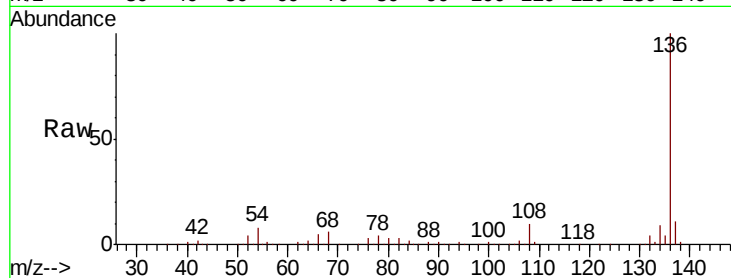




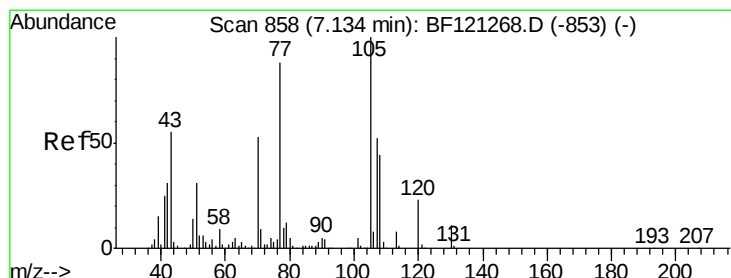
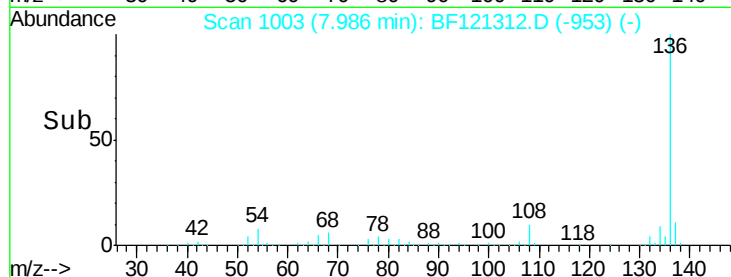
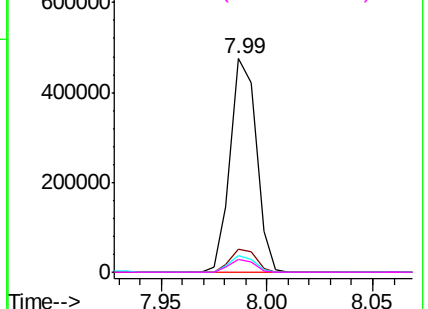
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Tot Ion:136	Resp:	408562
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	7.7	5.4 8.2
68	6.1	4.6 6.8

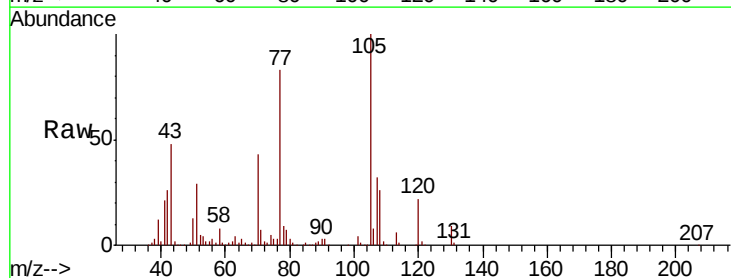


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

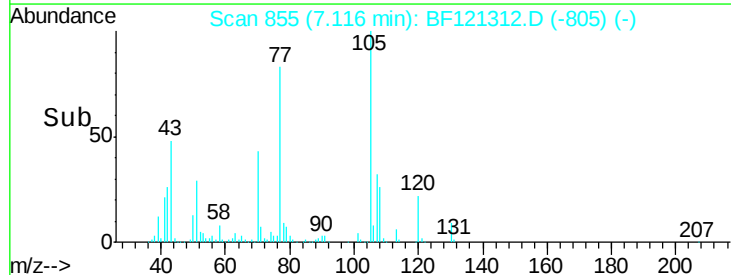
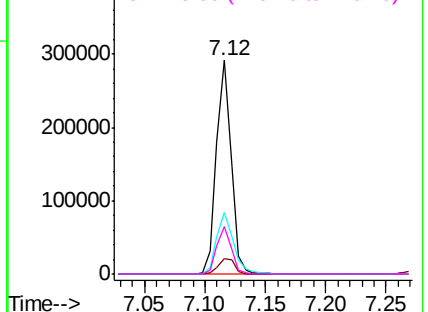


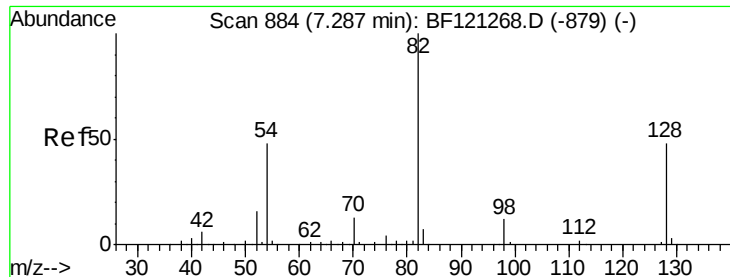
#22
Acetophenone
Concen: 23.073 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion:105	Resp:	242803
Ion Ratio	Lower	Upper
105	100	
71	7.2	7.1 10.7
51	28.9	25.9 38.9
120	22.4	17.8 26.8



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

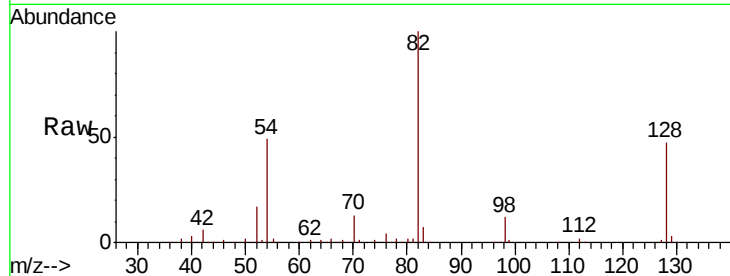




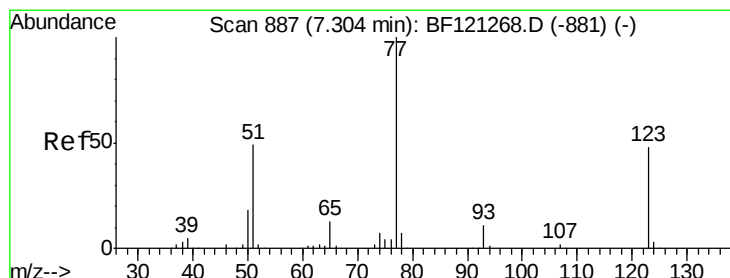
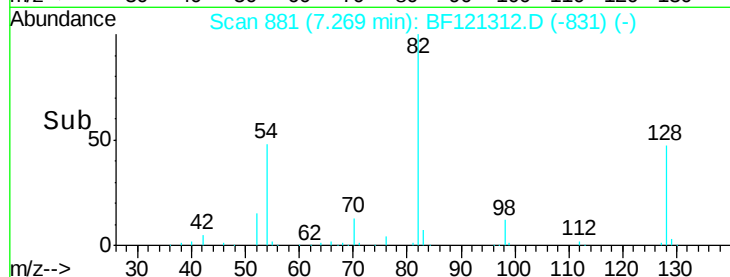
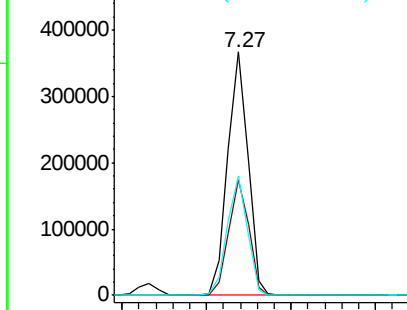
#23
Nitrobenzene-d5
Concen: 41.210 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Tot Ion: 82 Resp: 308068
Ion Ratio Lower Upper
82 100
128 47.4 38.2 57.2
54 48.9 38.2 57.4

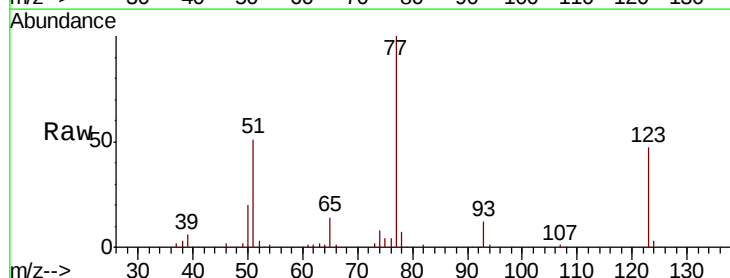


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

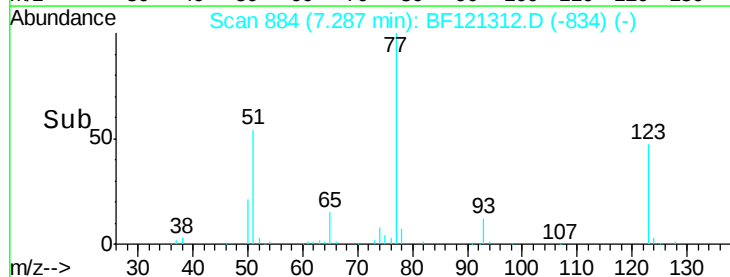
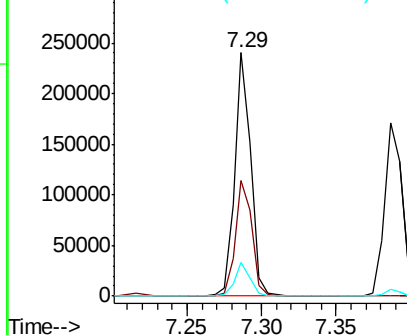


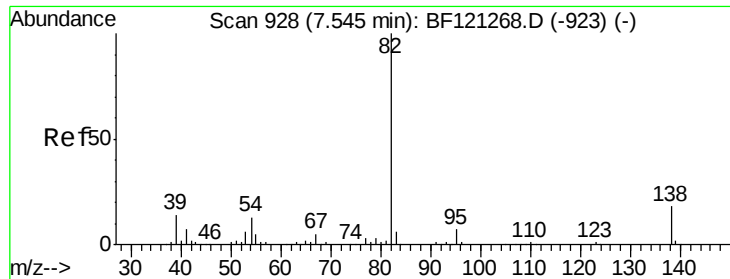
#24
Nitrobenzene
Concen: 22.635 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion: 77 Resp: 183602
Ion Ratio Lower Upper
77 100
123 47.4 40.3 60.5
65 13.7 10.2 15.4



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: 21.906 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

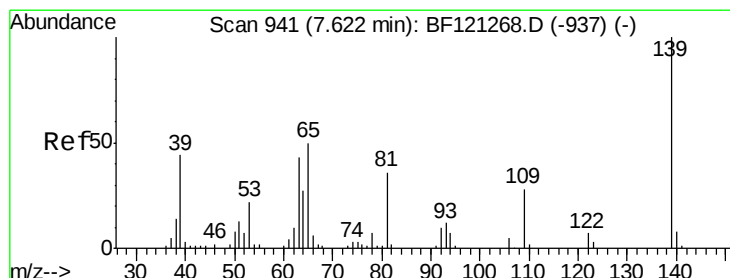
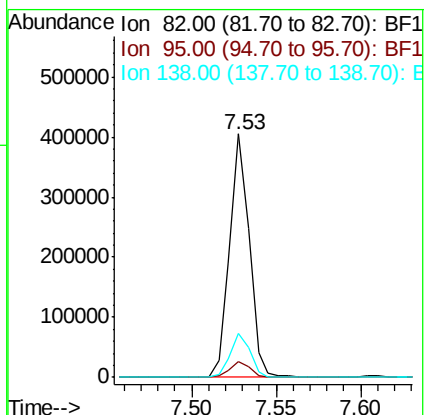
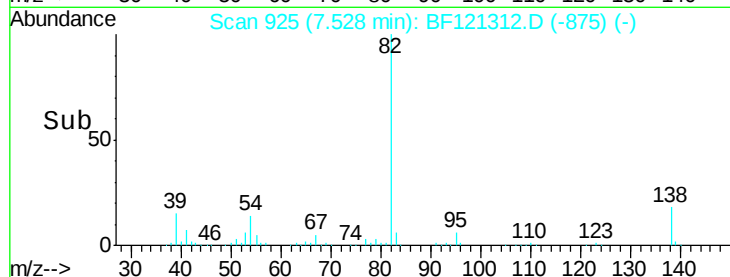
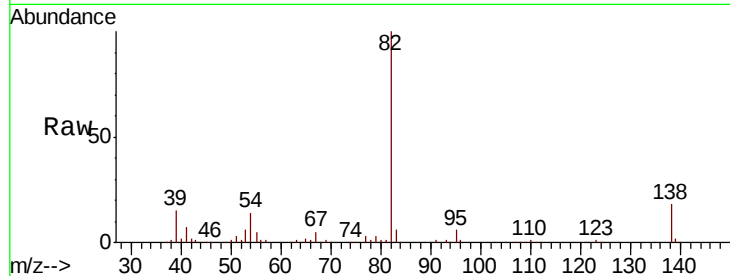
Tot Ion: 82 Resp: 328791

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

138 18.2 15.6 23.4



#26

2-Nitrophenol

Concen: 23.853 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

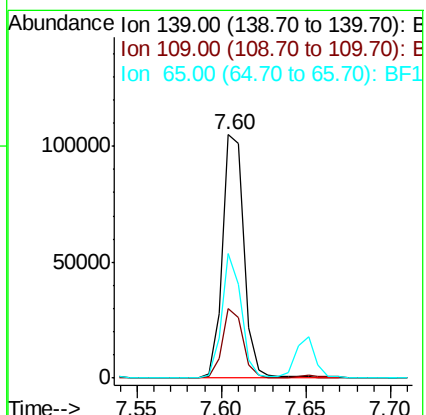
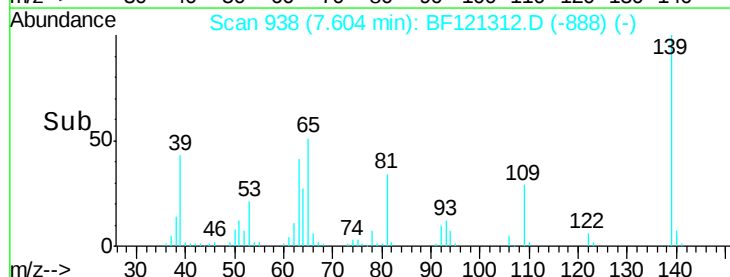
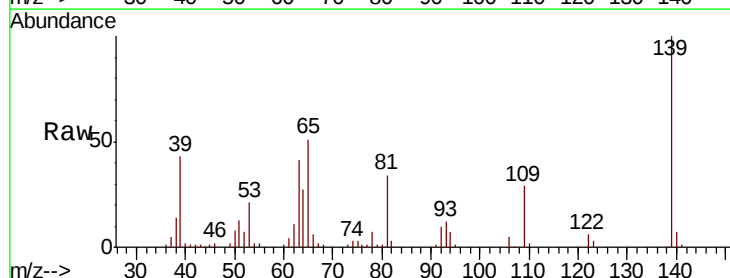
Tgt Ion: 139 Resp: 93747

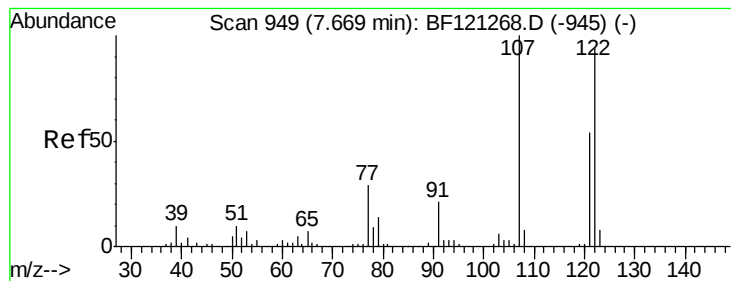
Ion Ratio Lower Upper

139 100

109 28.5 20.8 31.2

65 50.9 36.4 54.6





#27

2,4-Dimethylphenol

Concen: 24.979 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

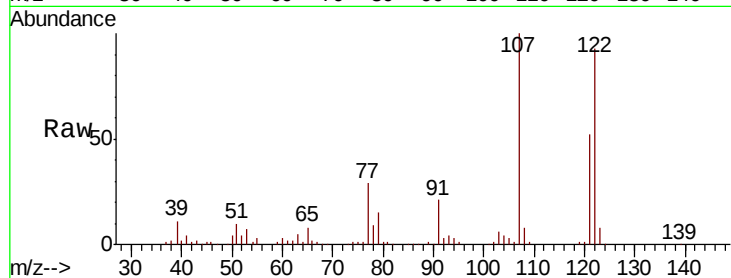
Tot Ion:122 Resp: 157295

Ion Ratio Lower Upper

122 100

107 107.8 87.2 130.8

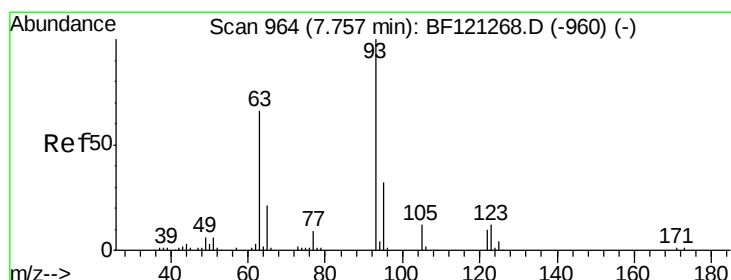
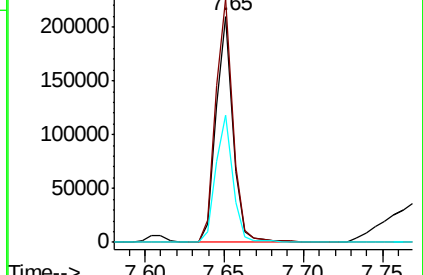
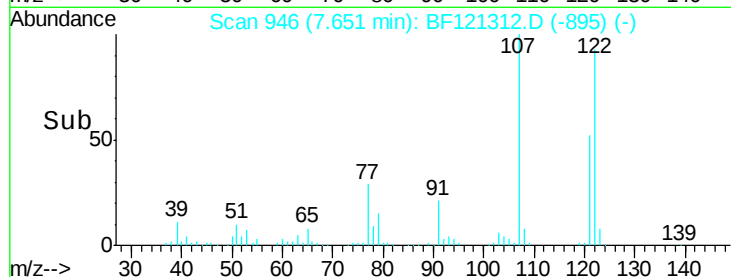
121 56.5 45.7 68.5



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: 25.019 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

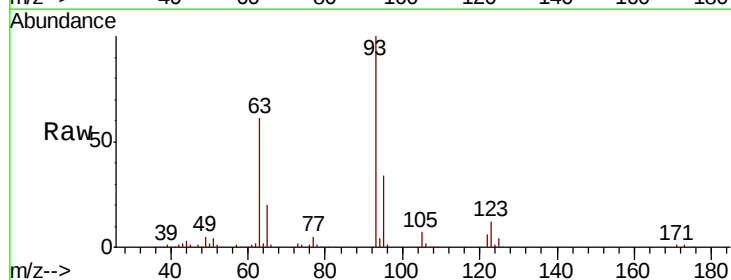
Tgt Ion: 93 Resp: 210031

Ion Ratio Lower Upper

93 100

95 34.0 26.7 40.1

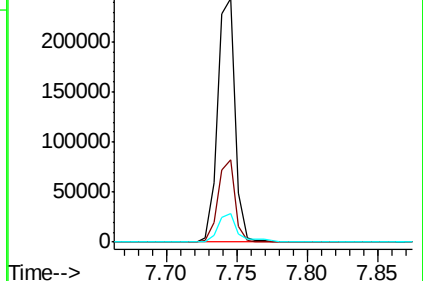
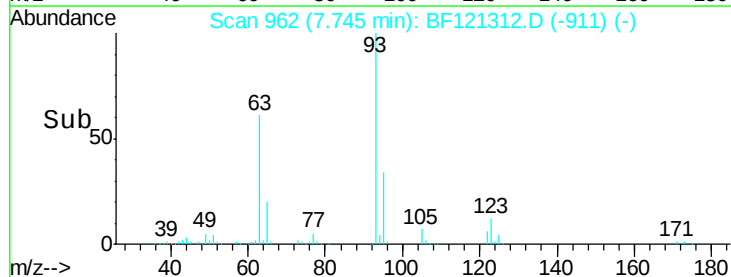
123 12.0 9.1 13.7

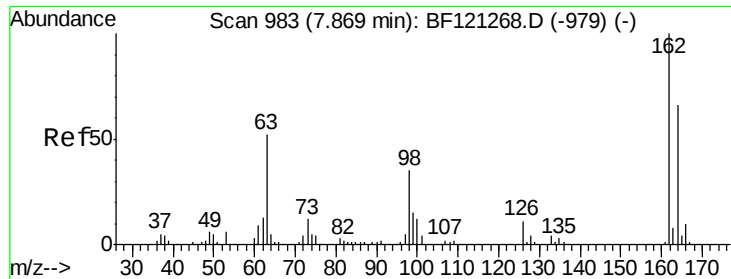


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

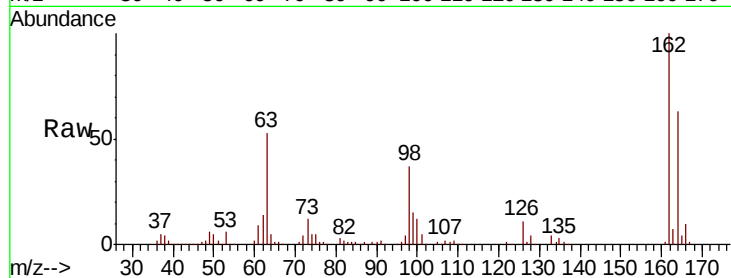




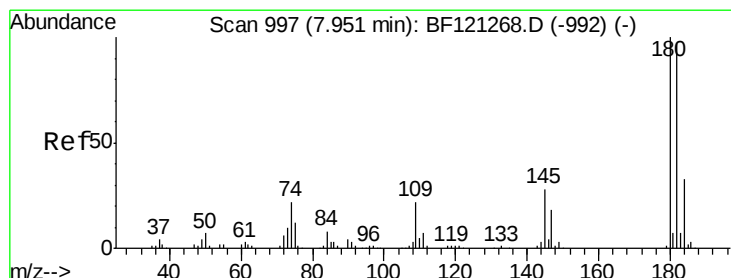
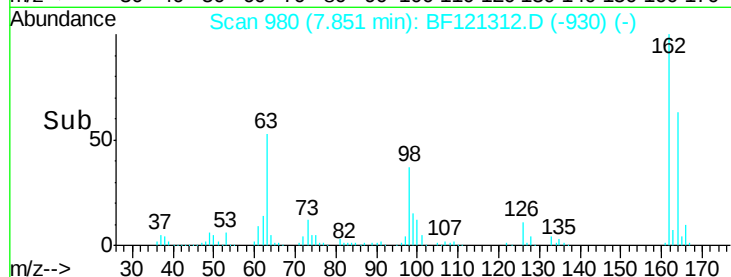
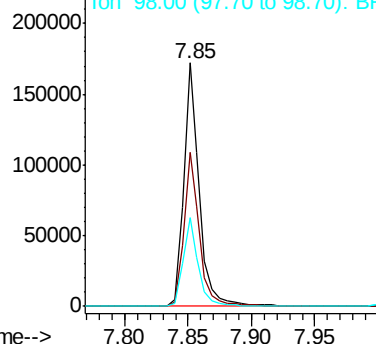
#29
 2,4-Dichlorophenol
 Concen: 22.994 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.0	85.0
98	36.6	13.7	53.7

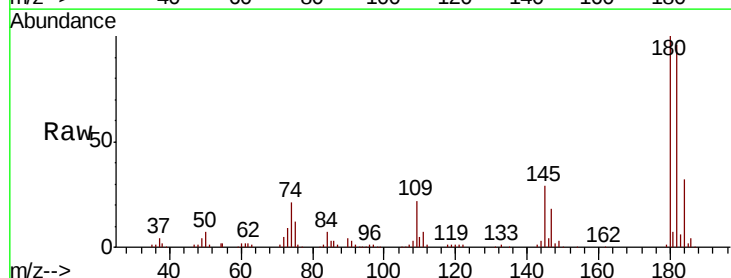


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

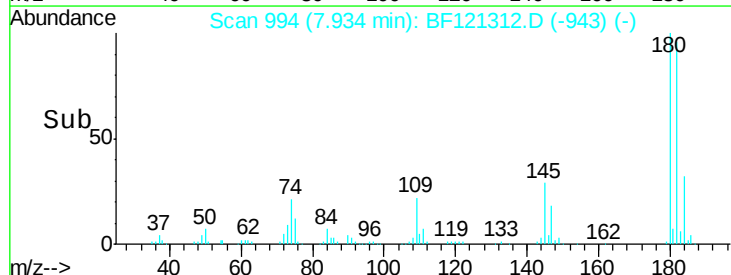
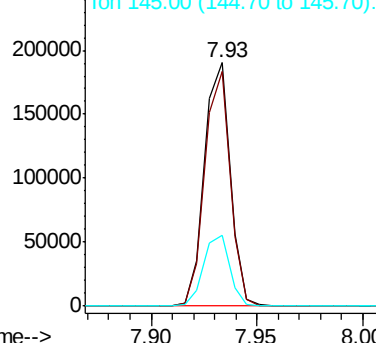


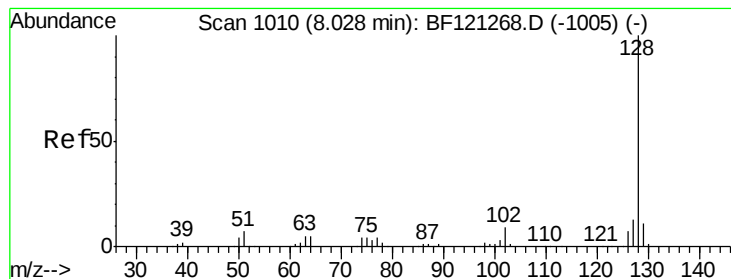
#30
 1,2,4-Trichlorobenzene
 Concen: 22.549 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	29.1	23.4	35.0



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





#31

Naphthalene

Concen: 22.271 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

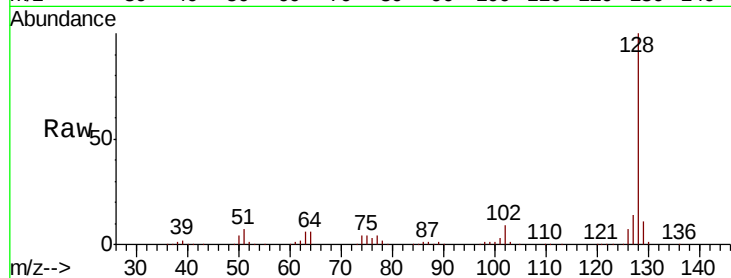
Tot Ion:128 Resp: 511922

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

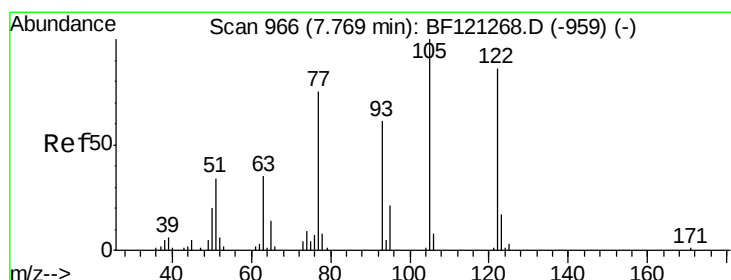
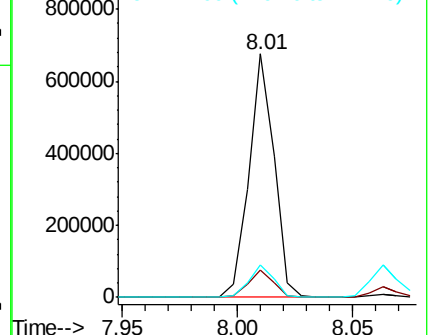
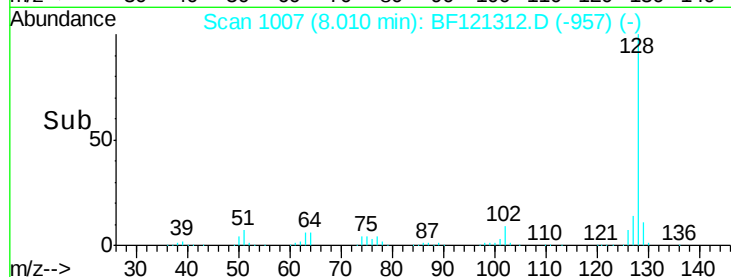
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.124 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

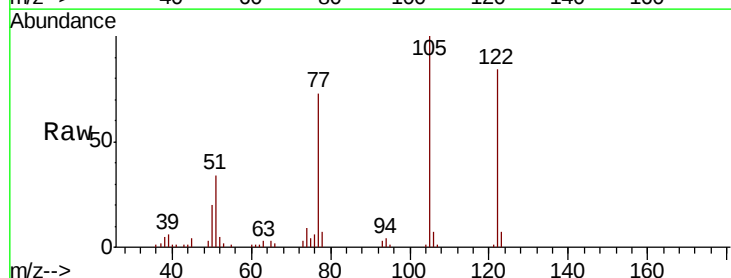
Tgt Ion:122 Resp: 76428

Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

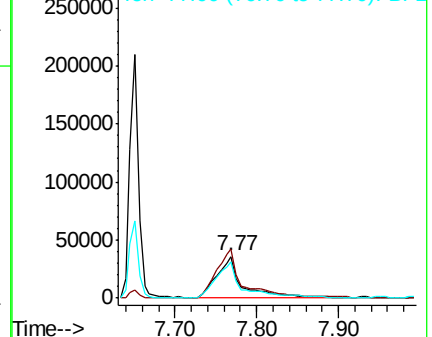
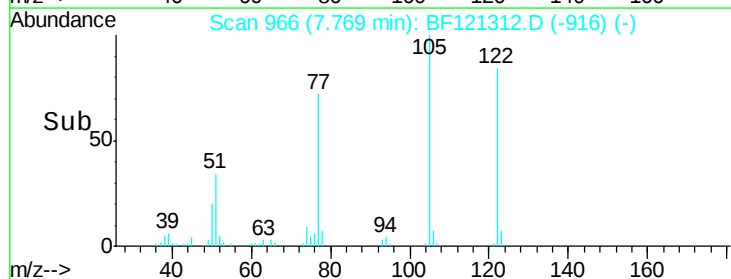
77 87.2 67.8 107.8

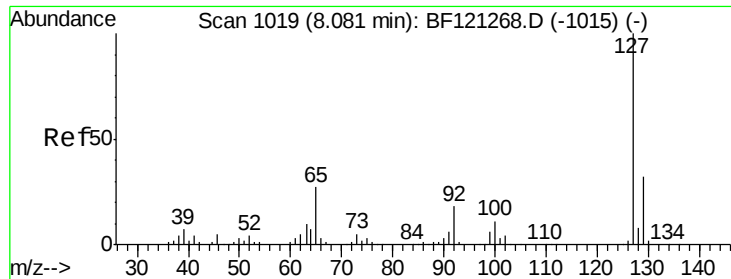


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

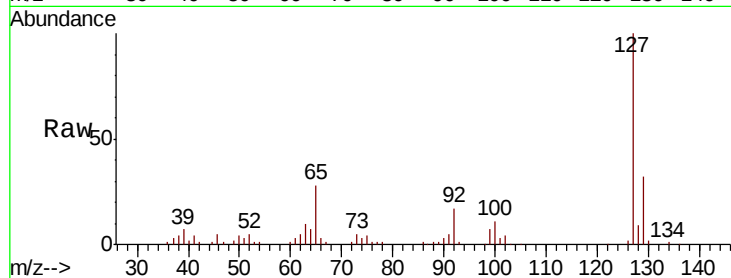




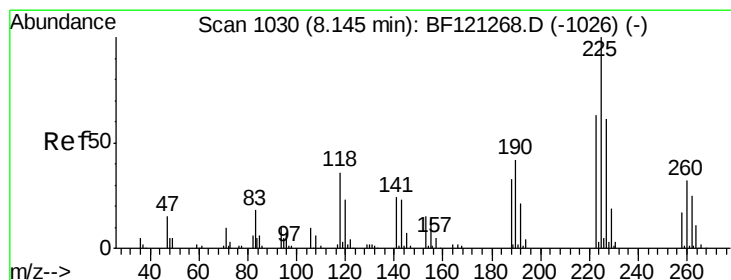
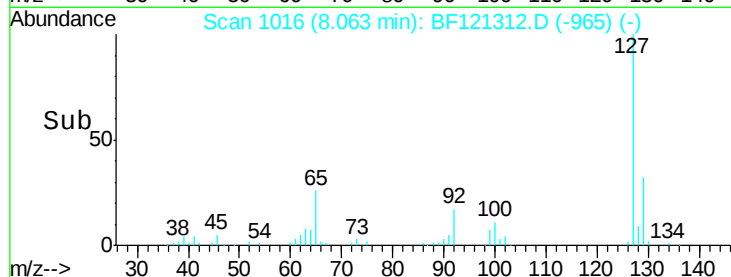
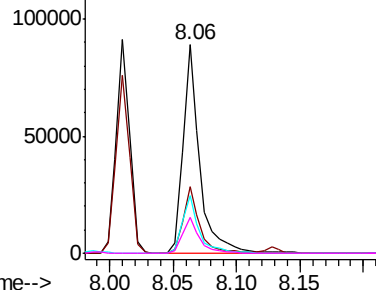
#33
4-Chloroaniline
Concen: 8.837 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Tot Ion:127	Resp:	82892
Ion Ratio	Lower	Upper
127	100	
129	32.0	25.7 38.5
65	27.7	22.9 34.3
92	17.4	15.0 22.4

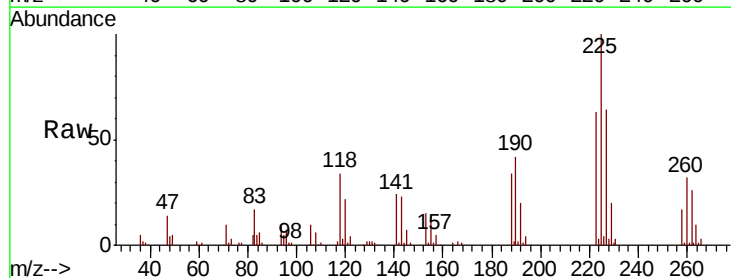


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

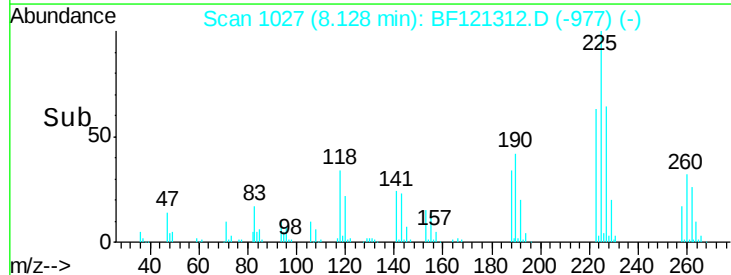
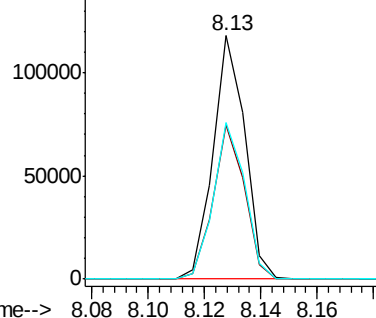


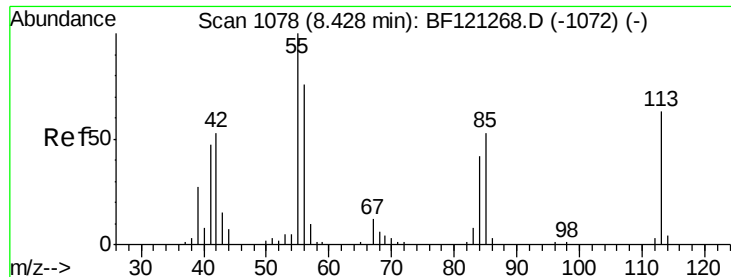
#34
Hexachlorobutadiene
Concen: 21.444 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion:225	Resp:	92212
Ion Ratio	Lower	Upper
225	100	
223	63.0	51.0 76.4
227	64.3	51.0 76.4



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

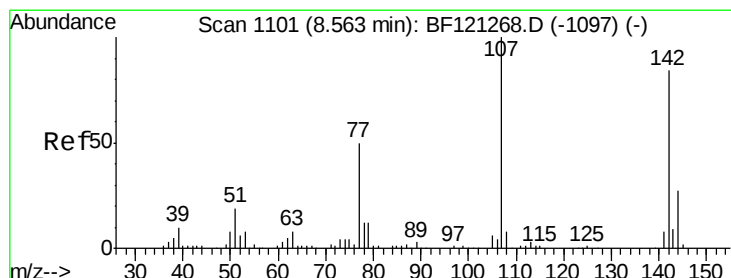
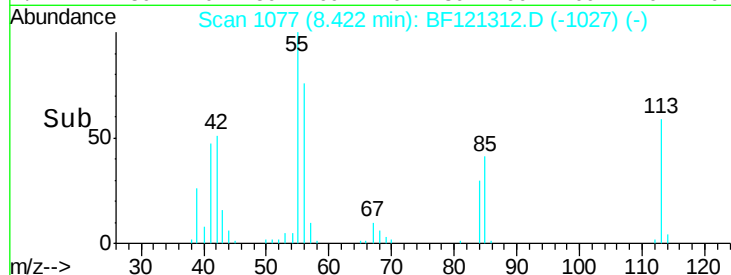
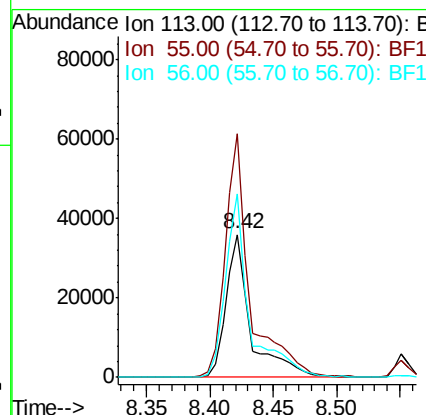
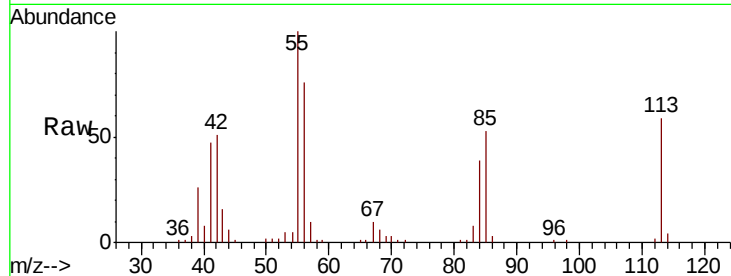




#35
 Caprolactam
 Concen: 25.019 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

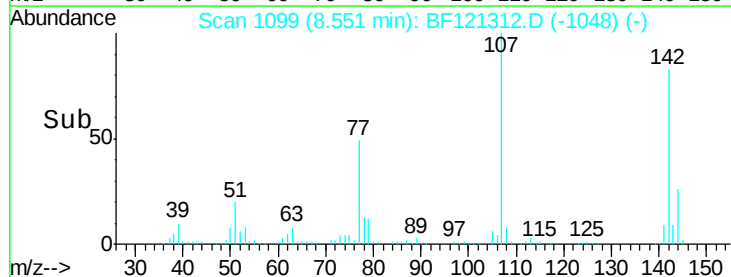
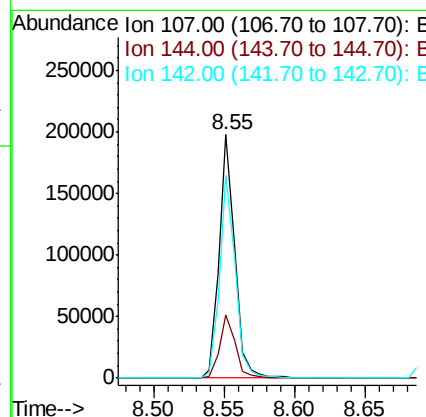
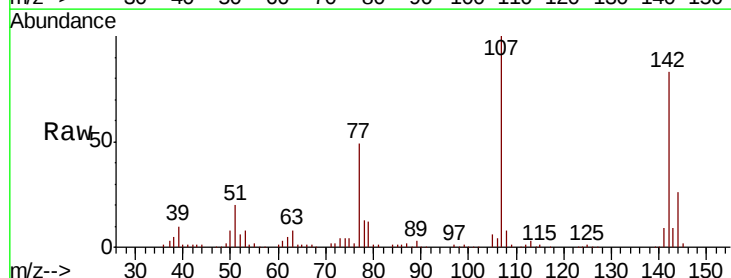
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

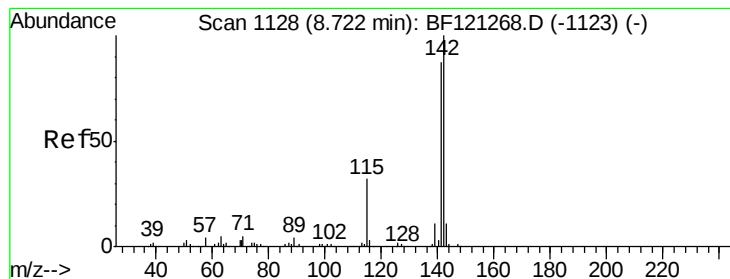
Tot Ion:113 Resp: 48527
 Ion Ratio Lower Upper
 113 100
 55 170.3 146.1 186.1
 56 128.7 103.3 143.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.360 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:107 Resp: 153477
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.4 30.6
 142 83.2 63.8 95.8

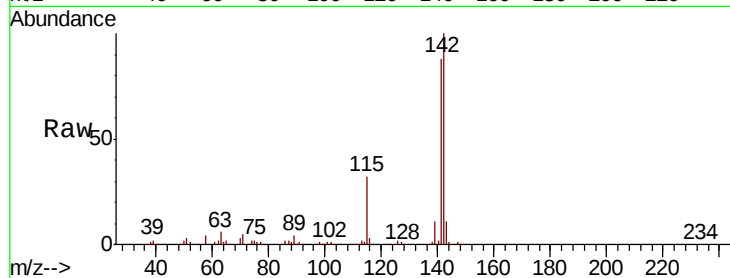




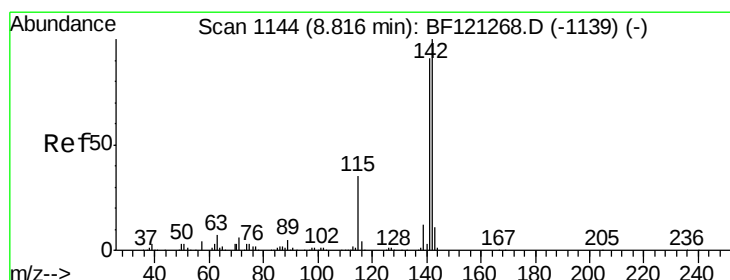
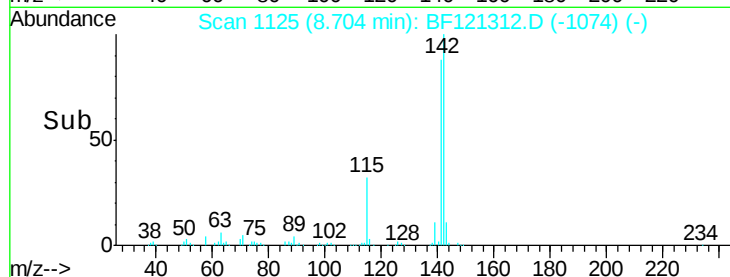
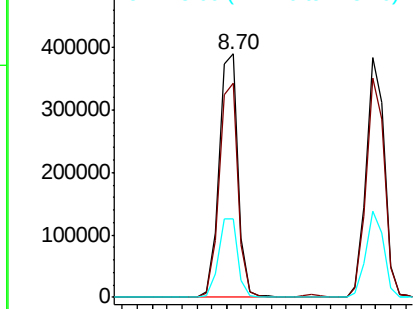
#37
 2-Methylnaphthalene
 Concen: 23.124 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.2	103.8
115	32.1	25.8	38.8

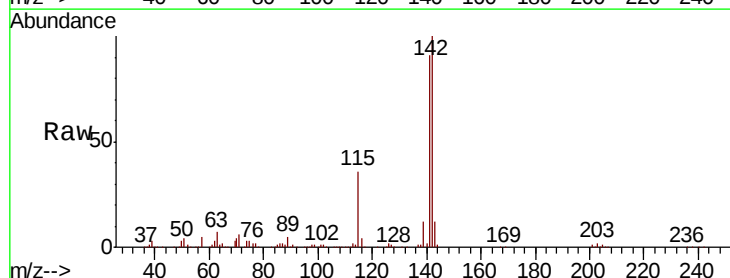


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

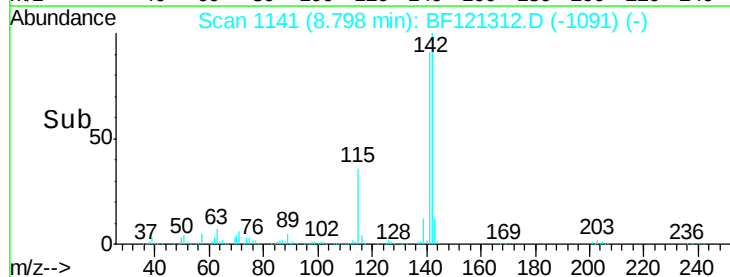
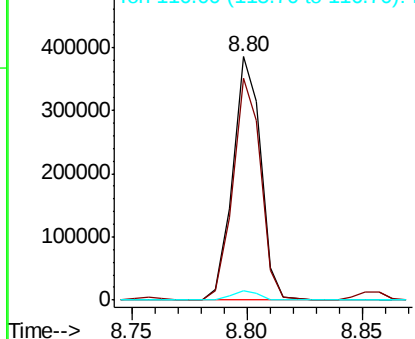


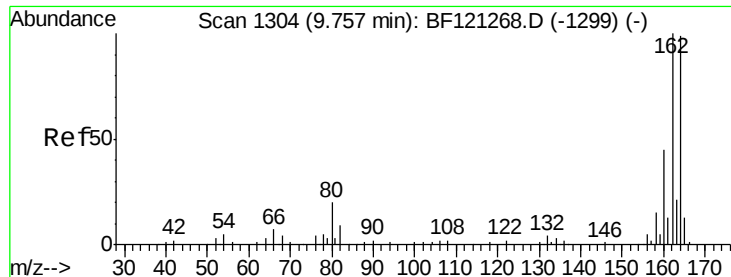
#38
 1-Methylnaphthalene
 Concen: 22.650 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	109.0
116	3.6	2.8	4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

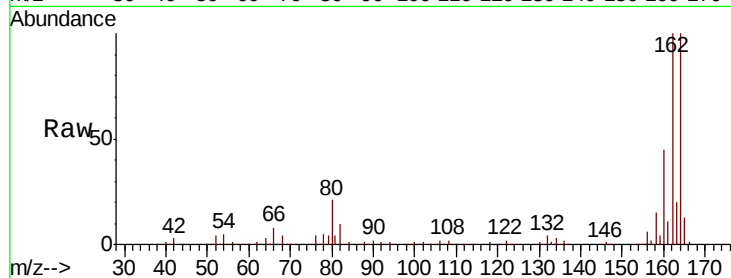
Tot Ion:164 Resp: 213986

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

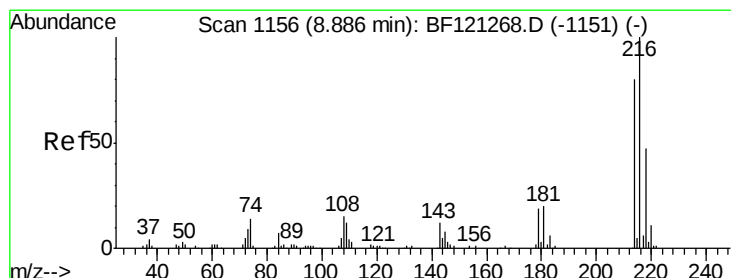
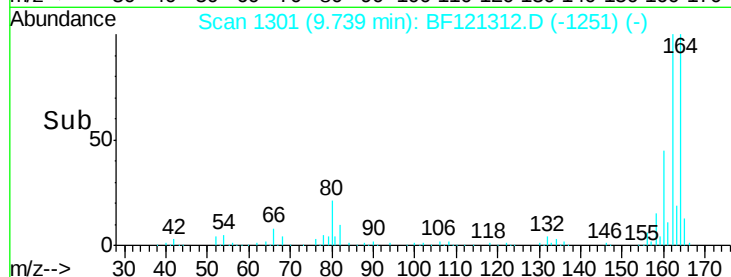
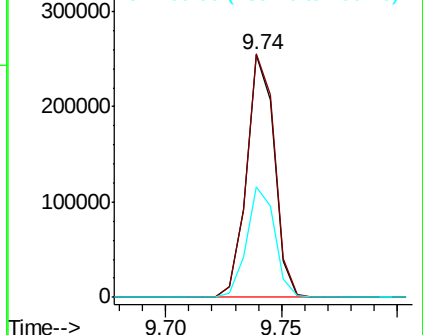
160 45.5 36.5 54.7



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: 22.510 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Tgt Ion:216 Resp: 161397

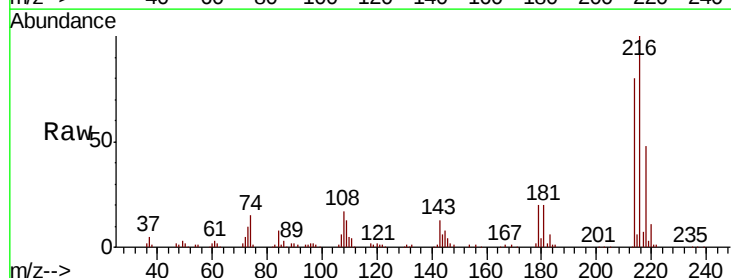
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 20.4 15.8 23.6

108 18.9 14.1 21.1

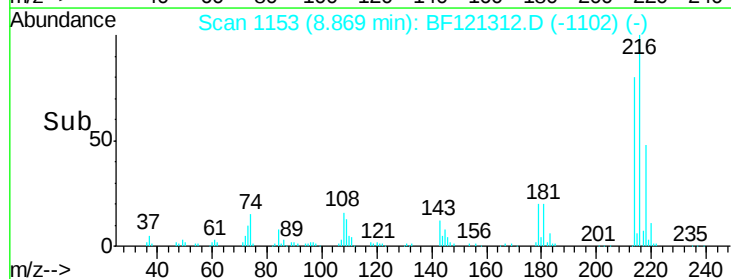
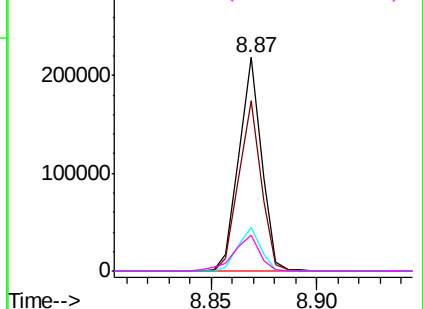


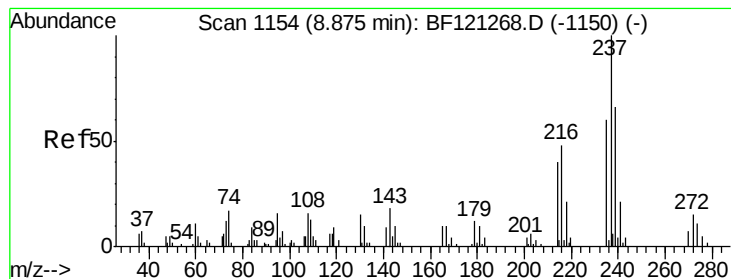
Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.061 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

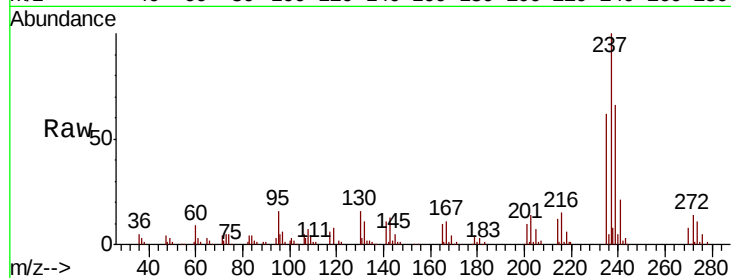
Tot Ion:237 Resp: 93296

Ion Ratio Lower Upper

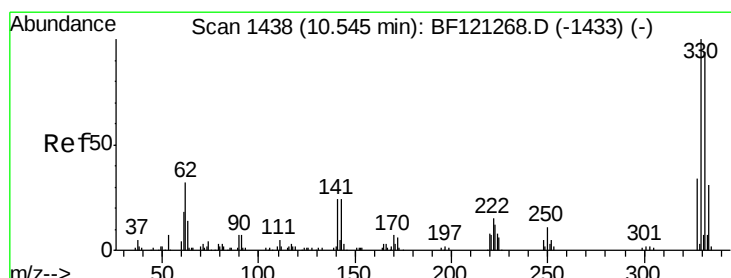
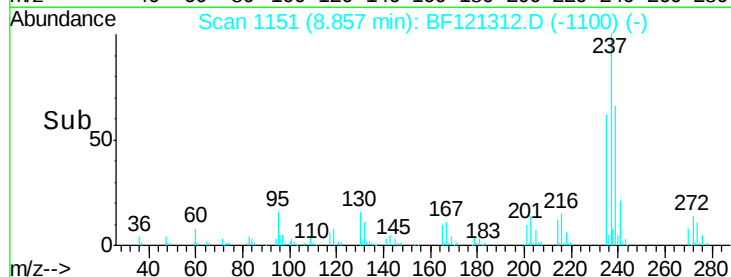
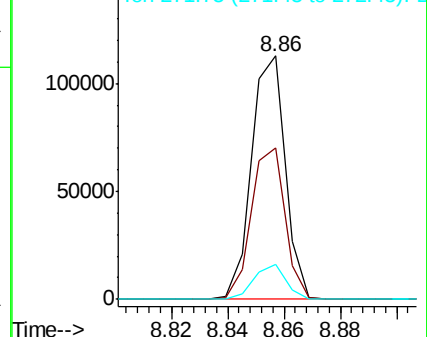
237 100

235 62.2 41.5 81.5

272 14.2 0.0 34.2



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: 58.090 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

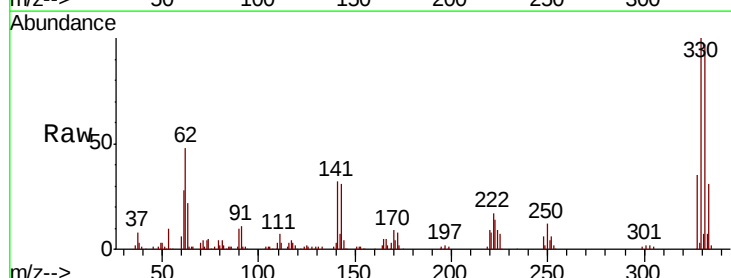
Tgt Ion:330 Resp: 153044

Ion Ratio Lower Upper

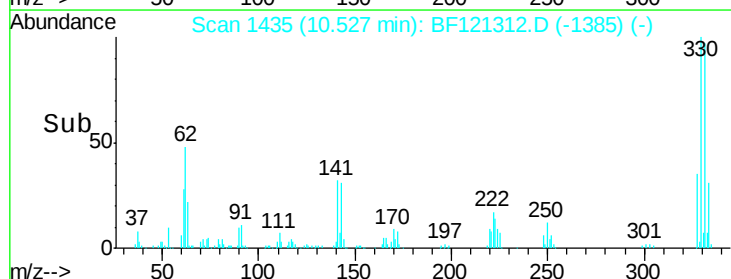
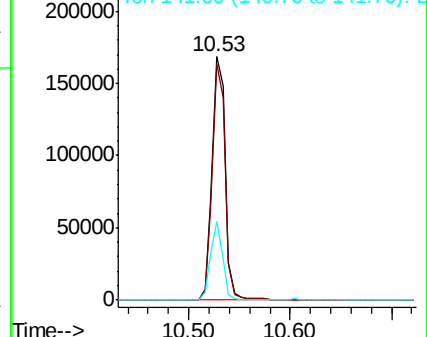
330 100

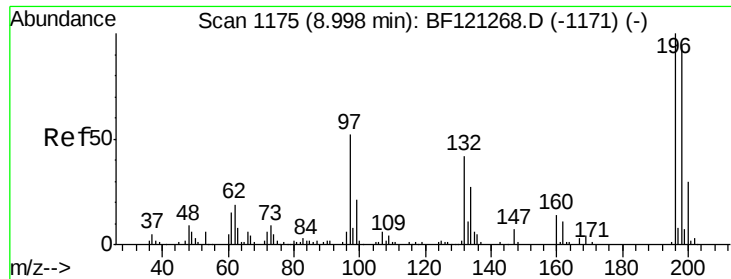
332 95.2 77.4 116.0

141 29.5 24.2 36.4



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

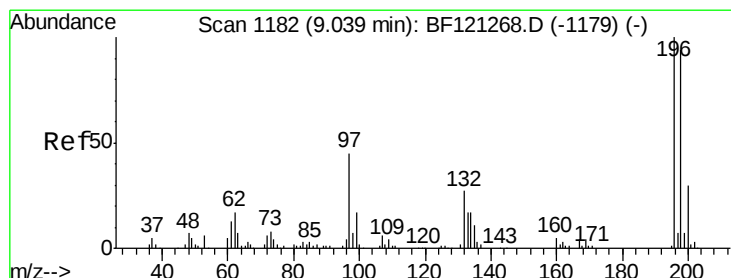
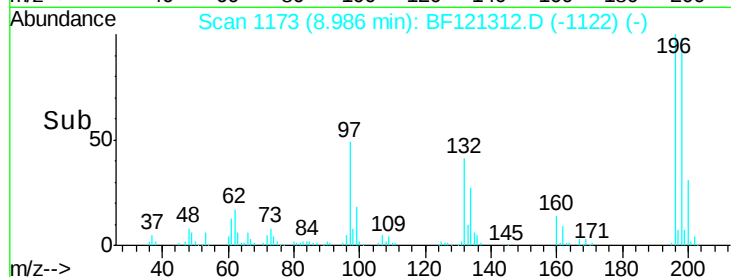
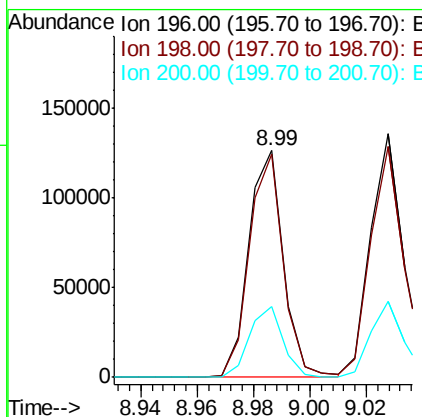
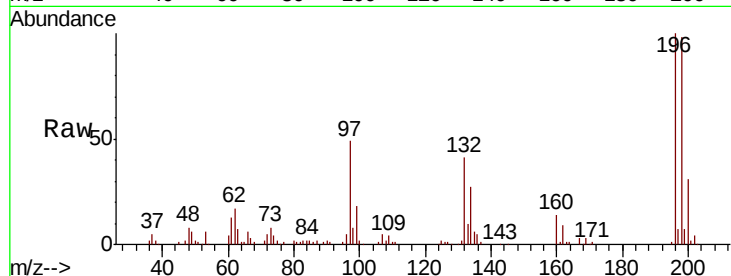




#43
 2,4,6-Trichlorophenol
 Concen: 23.567 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

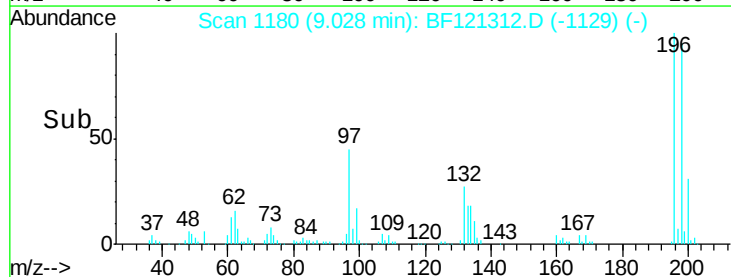
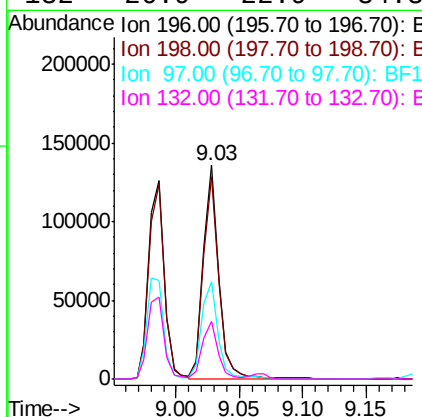
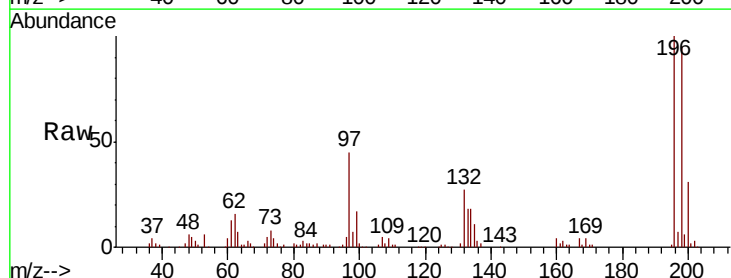
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

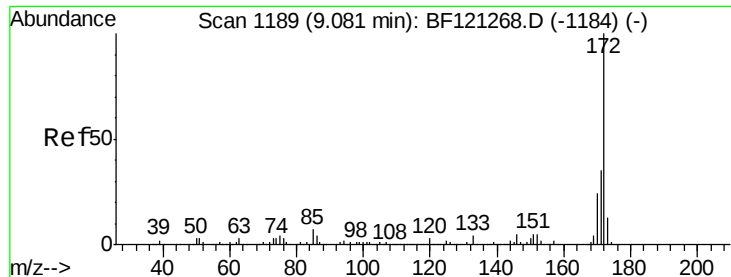
Tot Ion:196 Resp: 107465
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.9 115.3
 200 31.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 23.359 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:196 Resp: 115692
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.5 113.3
 97 45.4 39.4 59.2
 132 26.9 22.9 34.3

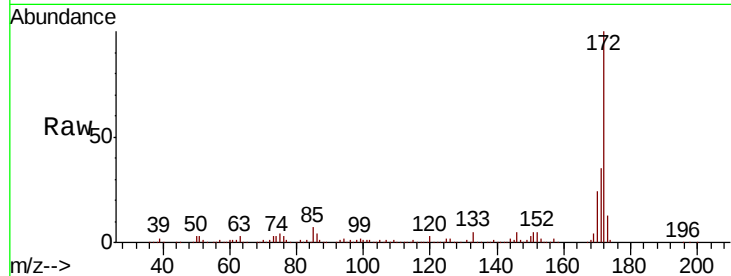




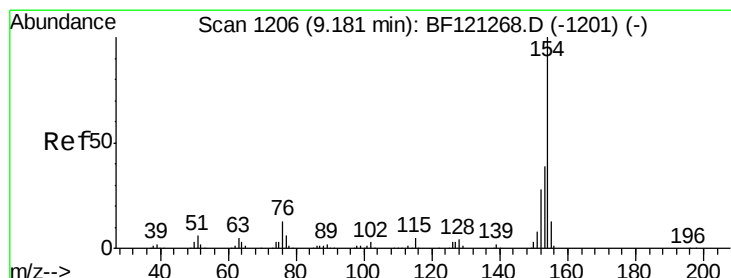
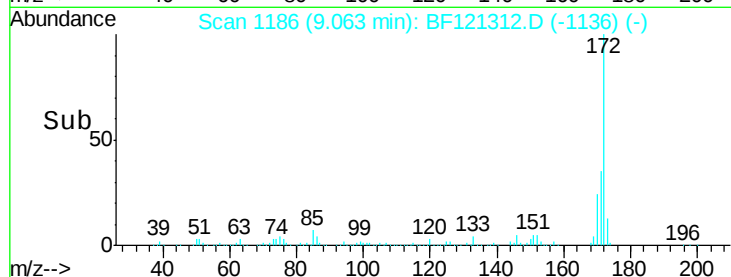
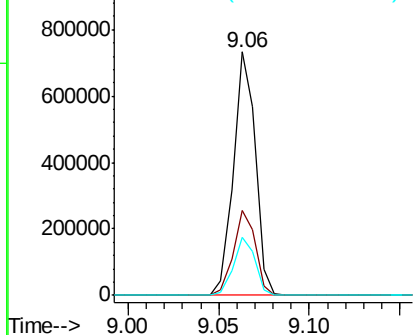
#45
2-Fluorobiphenyl
Concen: 39.893 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	23.6	19.3	28.9

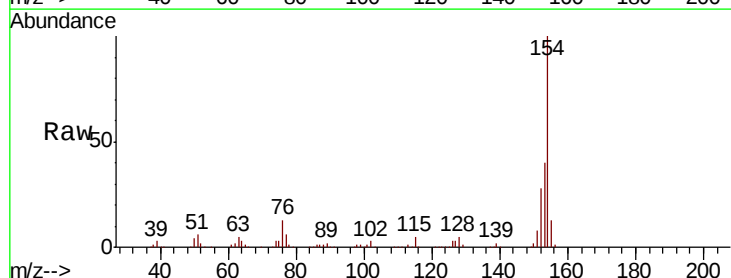


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

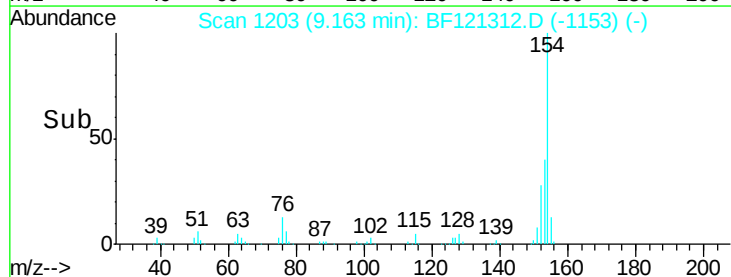
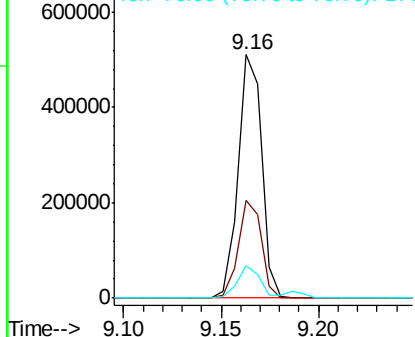


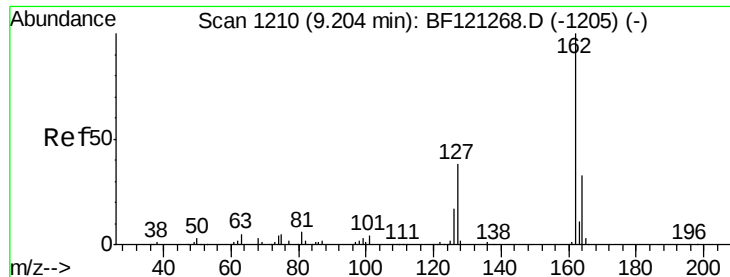
#46
1,1'-Biphenyl
Concen: 23.024 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.5	60.5
76	13.5	0.0	31.9



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

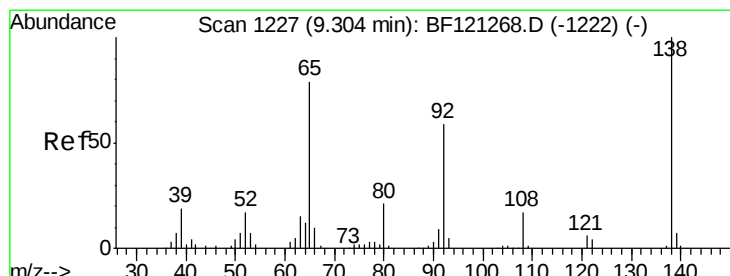
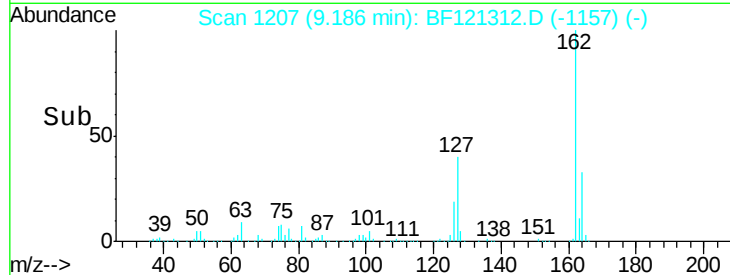
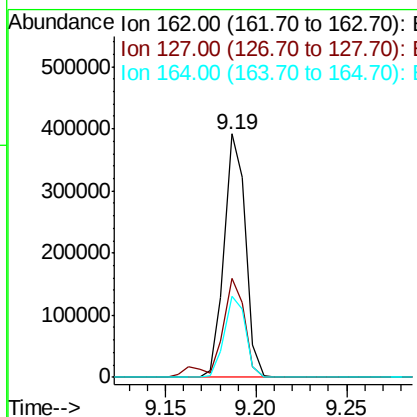
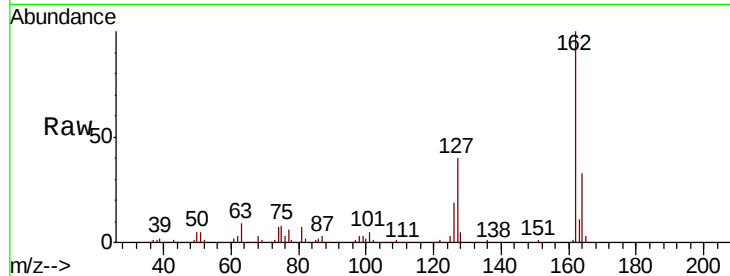




#47
 2-Chloronaphthalene
 Concen: 22.645 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

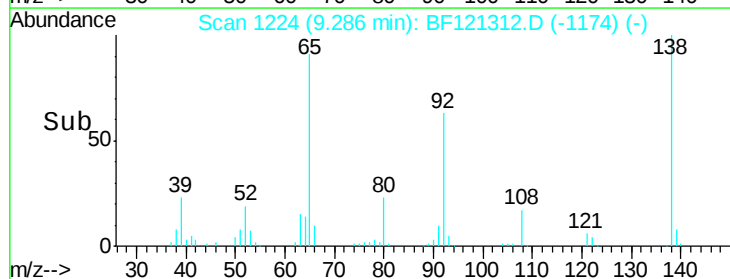
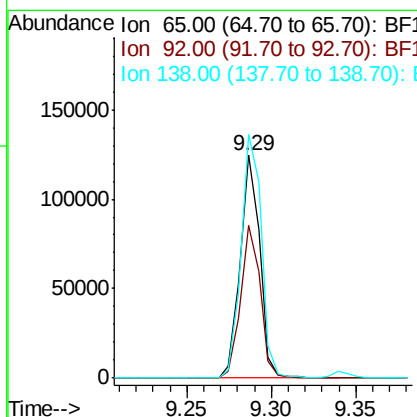
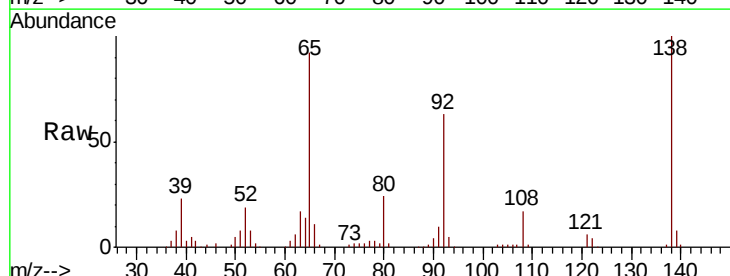
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

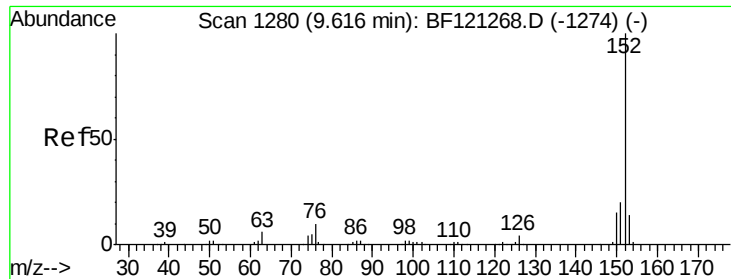
Tot Ion:	162	Resp:	322308
Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.4	47.2
164	33.1	26.5	39.7



#48
 2-Nitroaniline
 Concen: 25.079 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:	65	Resp:	100331
Ion	Ratio	Lower	Upper
65	100		
92	68.3	58.2	87.2
138	109.2	97.5	146.3





#49

Acenaphthylene

Concen: 23.054 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

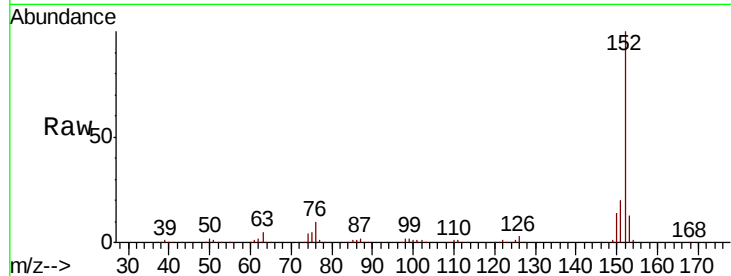
Tot Ion:152 Resp: 521173

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

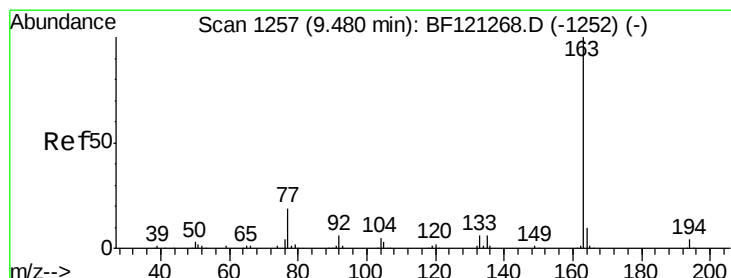
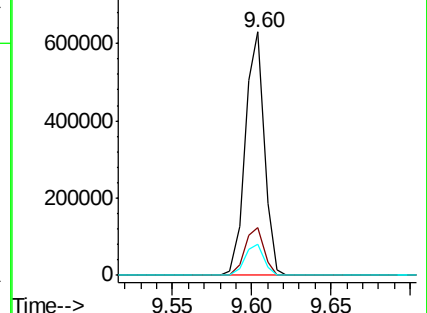
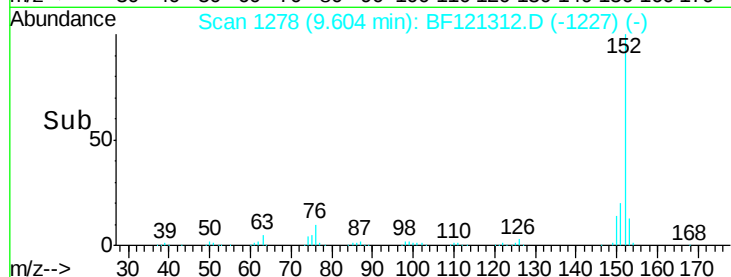
153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 28.217 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

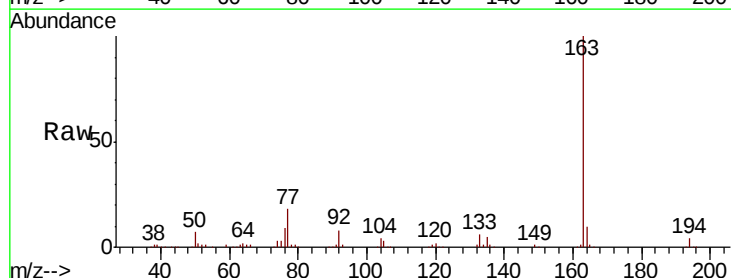
Tgt Ion:163 Resp: 454344

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

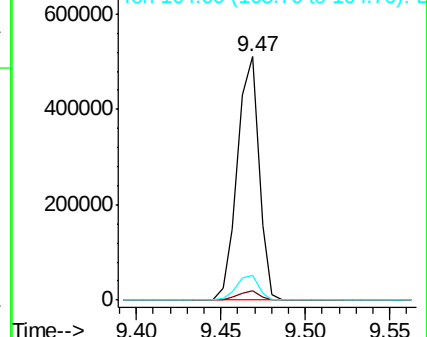
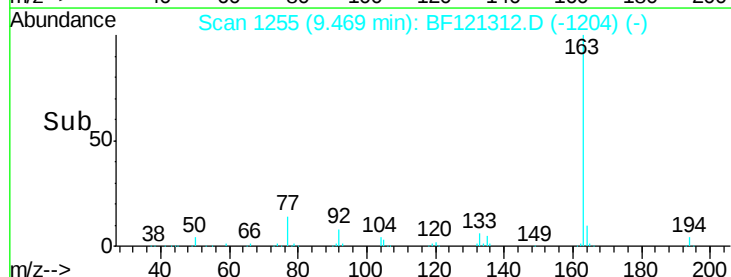
164 10.1 8.4 12.6

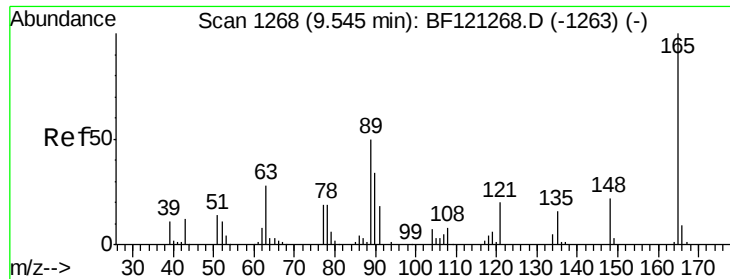


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

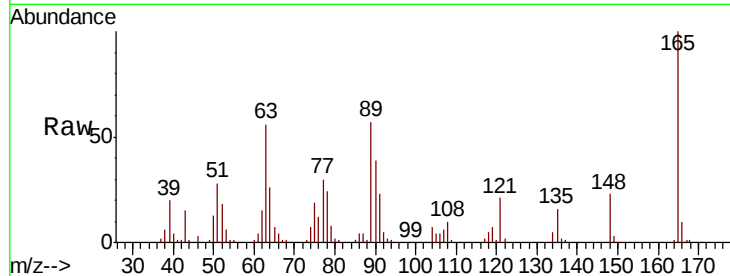




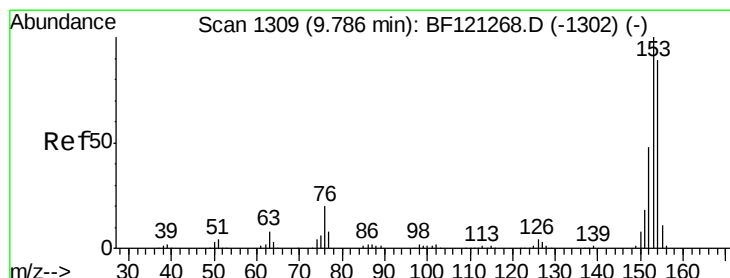
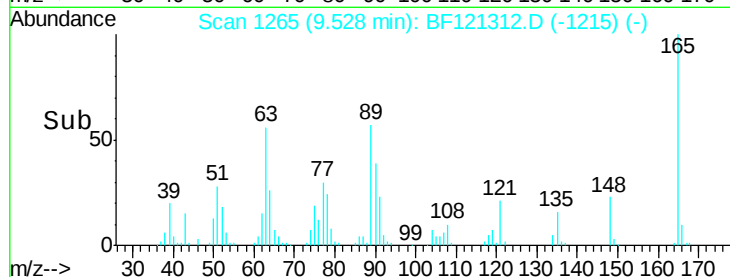
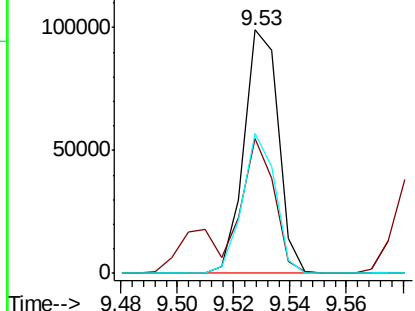
#51
 2,6-Dinitrotoluene
 Concen: 23.371 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.5	42.0	63.0
89	57.3	44.7	67.1

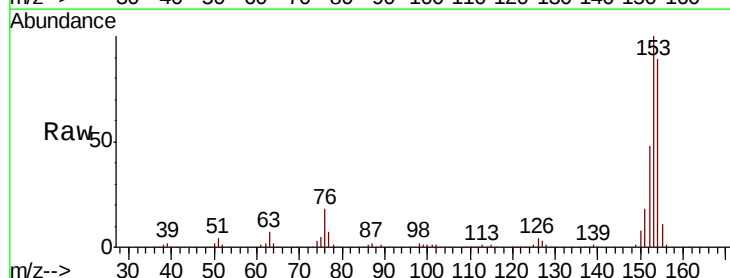


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

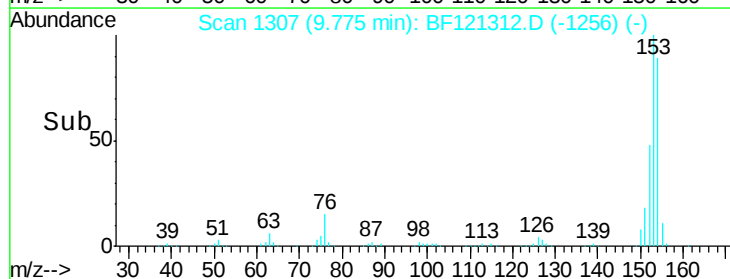
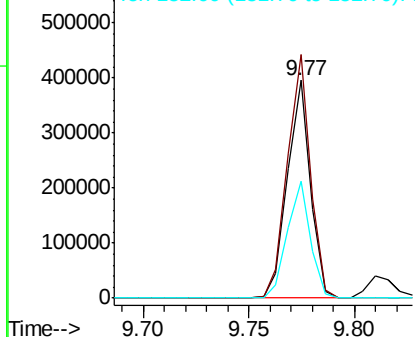


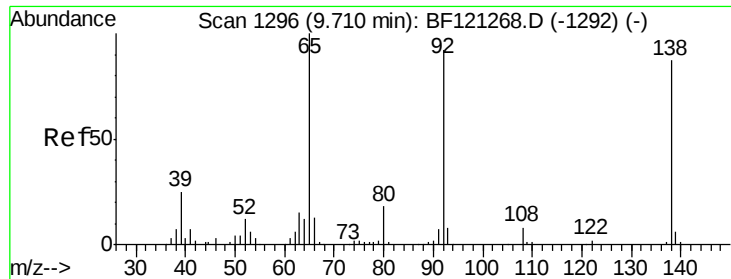
#52
 Acenaphthene
 Concen: 22.578 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.0	132.0
152	53.6	43.0	64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

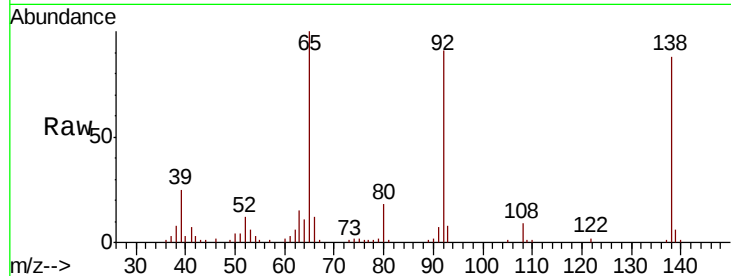




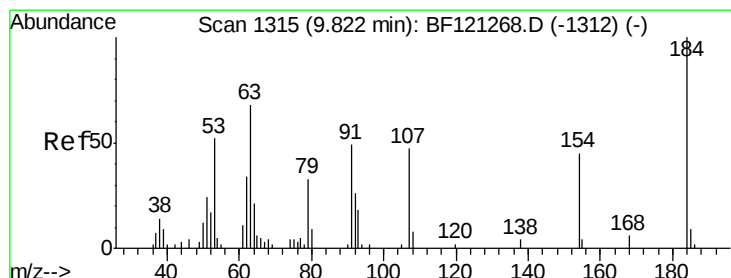
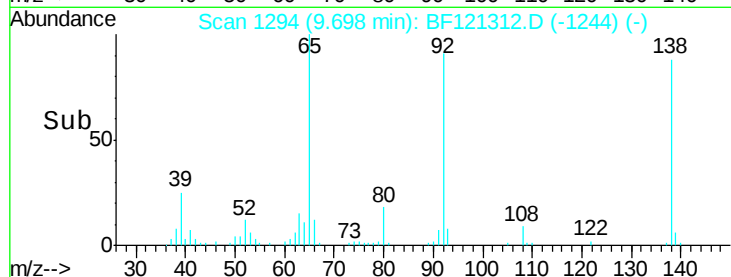
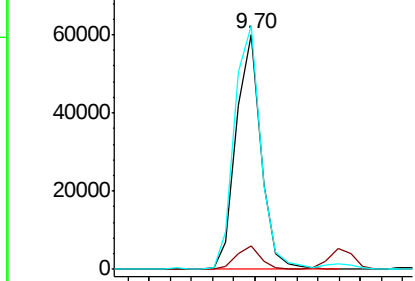
#53
 3-Nitroaniline
 Concen: 11.839 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion:138 Resp: 48520
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.6 11.4
 92 103.6 82.6 123.8

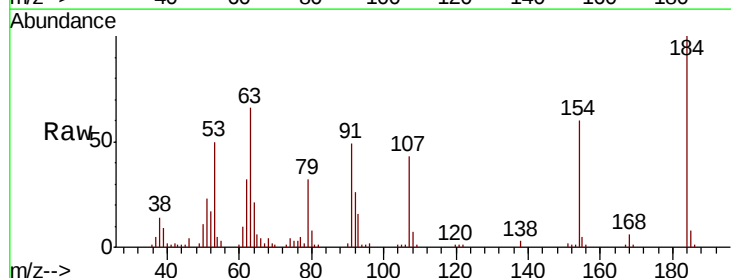


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

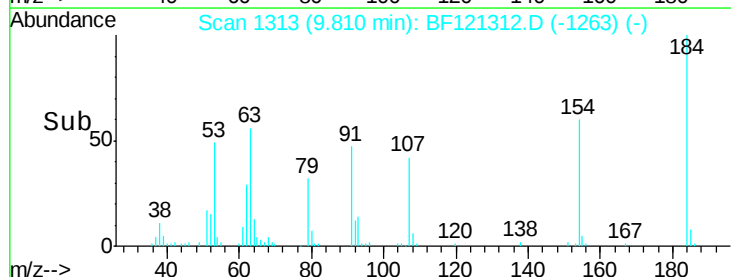
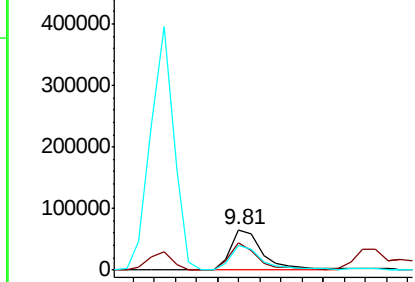


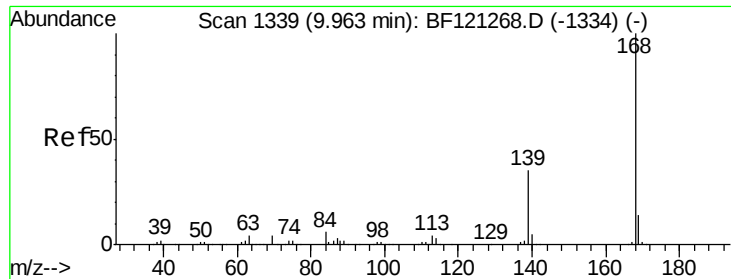
#54
 2,4-Dinitrophenol
 Concen: 46.954 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:184 Resp: 69516
 Ion Ratio Lower Upper
 184 100
 63 65.7 45.3 67.9
 154 59.9 46.4 69.6



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

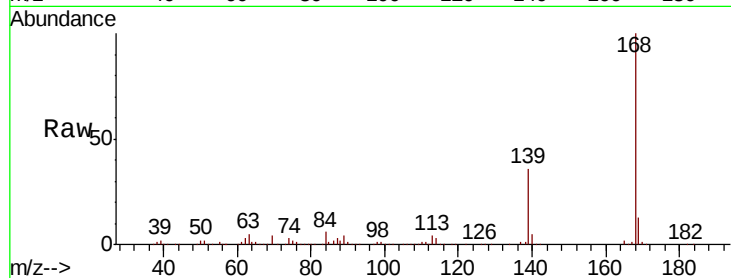




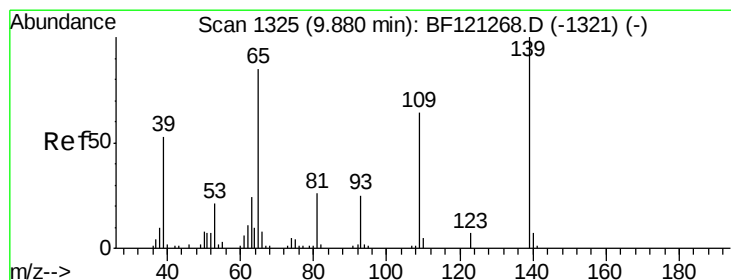
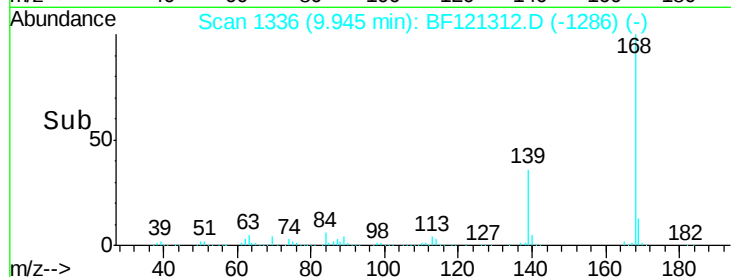
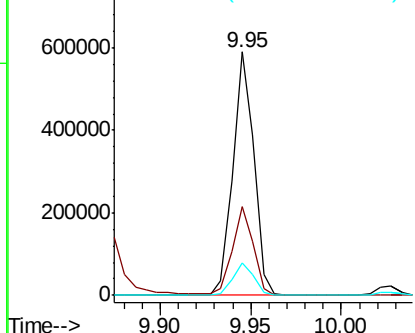
#55
Dibenzenofuran
Concen: 22.354 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	27.9	41.9
169	13.4	10.5	15.7

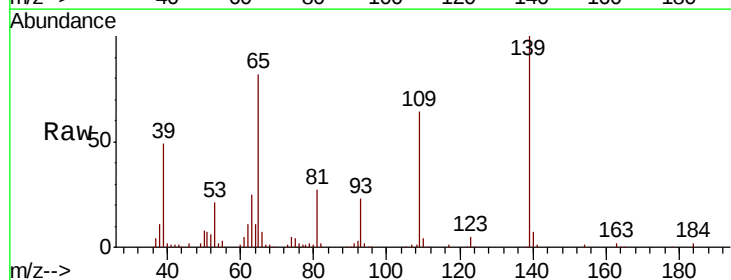


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

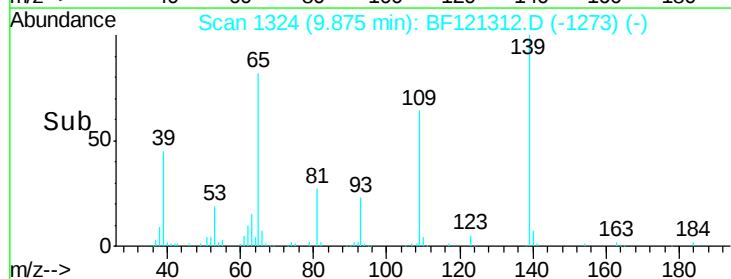
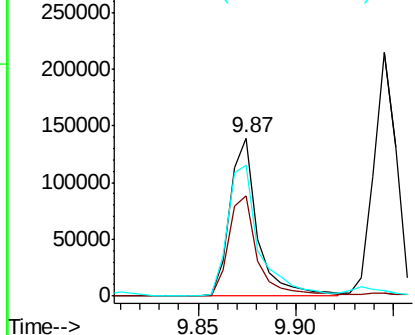


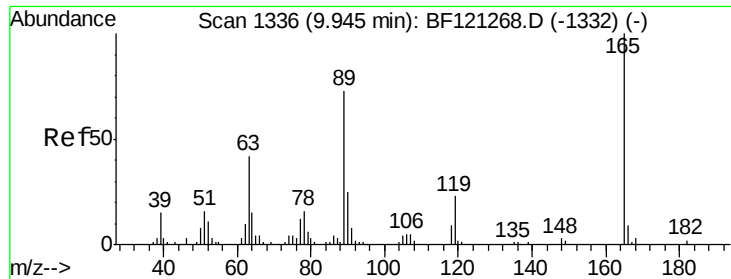
#56
4-Nitrophenol
Concen: 52.113 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	44.3	84.3
65	82.5	62.4	102.4



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

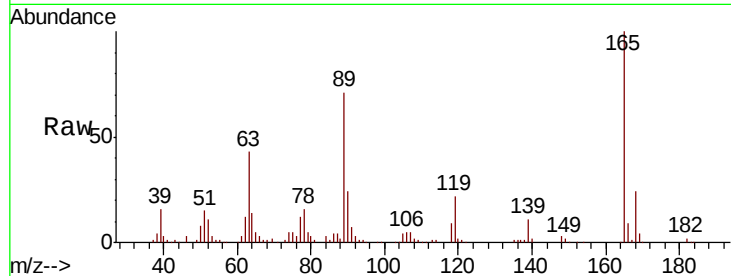




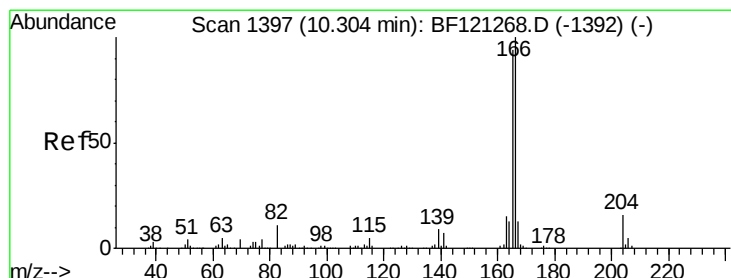
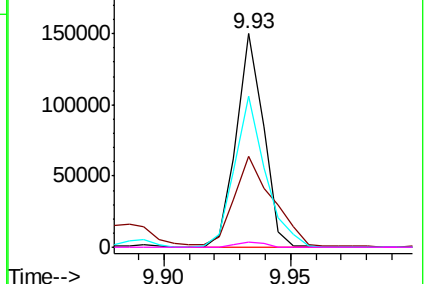
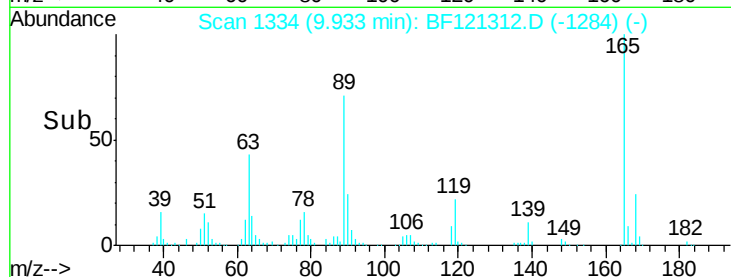
#57
 2,4-Dinitrotoluene
 Concen: 23.773 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion:165	Resp:	111985
Ion Ratio	Lower	Upper
165	100	
63	42.7	31.7 47.5
89	71.0	52.8 79.2
182	2.2	2.1 3.1

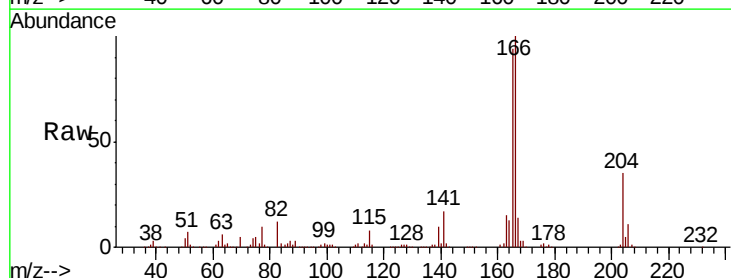


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

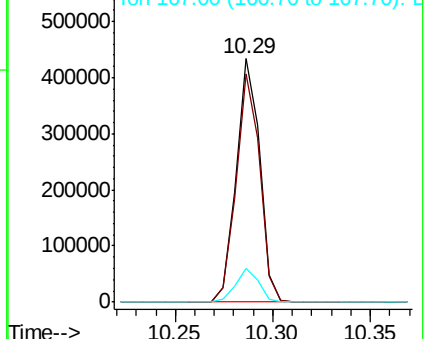
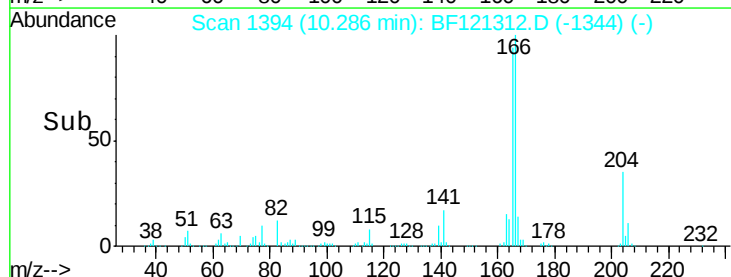


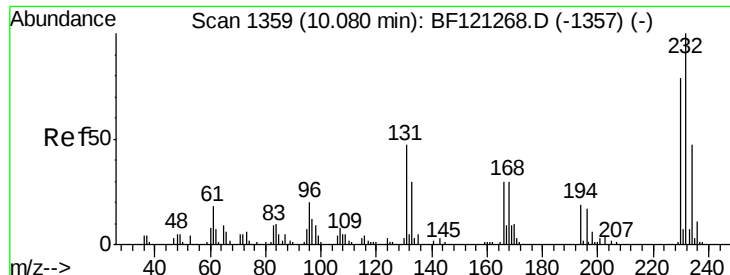
#58
 Fluorene
 Concen: 22.452 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:166	Resp:	362240
Ion Ratio	Lower	Upper
166	100	
165	93.7	74.5 111.7
167	13.8	10.7 16.1



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

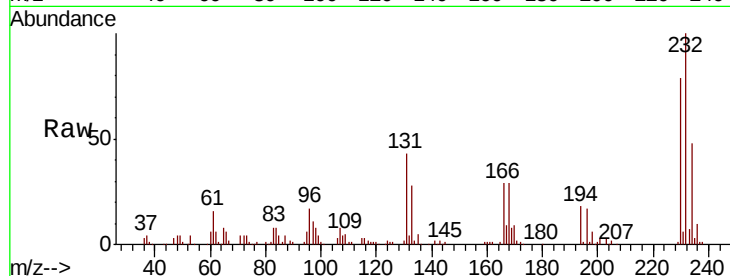




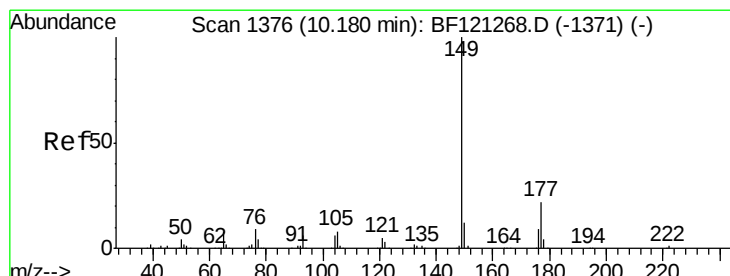
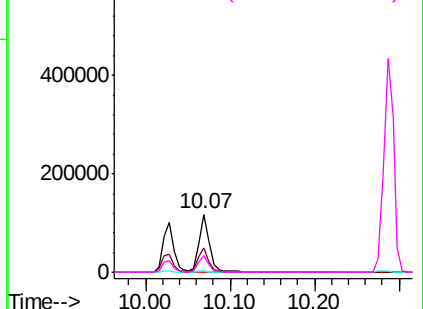
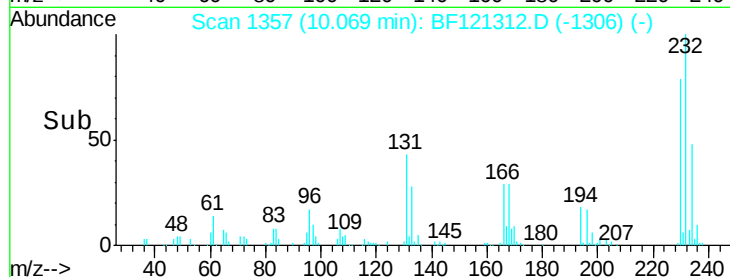
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.597 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion:	232	Resp:	100239
Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.6	50.4
130	2.0	1.4	2.2
166	27.8	22.9	34.3

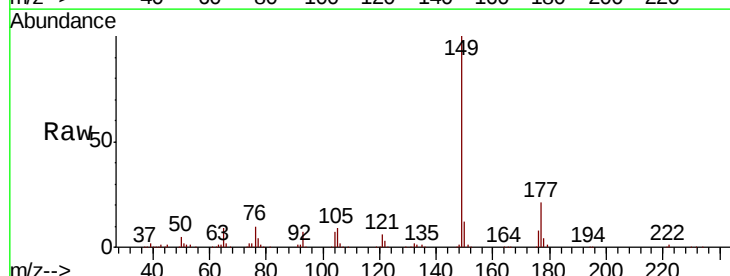


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

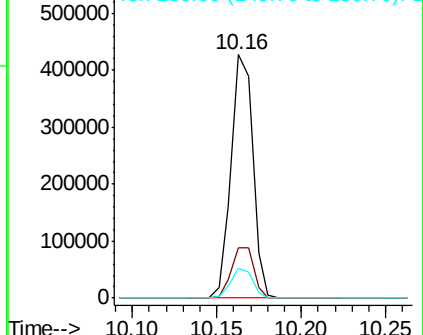
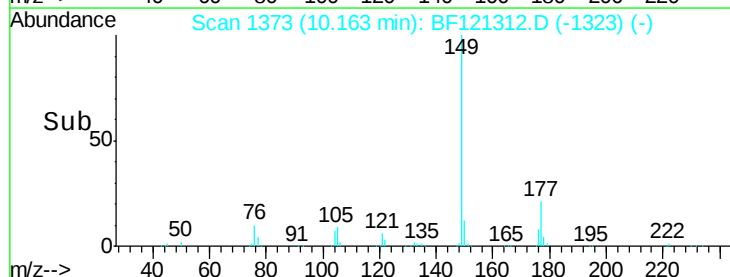


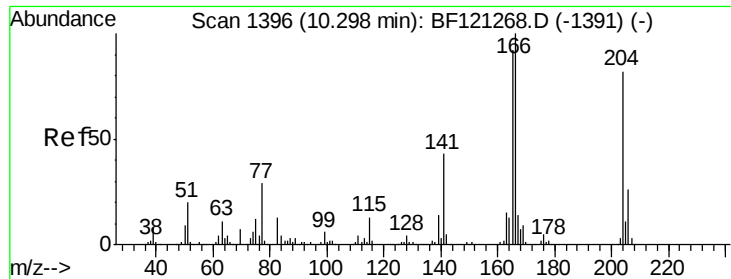
#60
 Diethylphthalate
 Concen: 23.352 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:	149	Resp:	382371
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.3	25.9
150	12.4	10.1	15.1



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

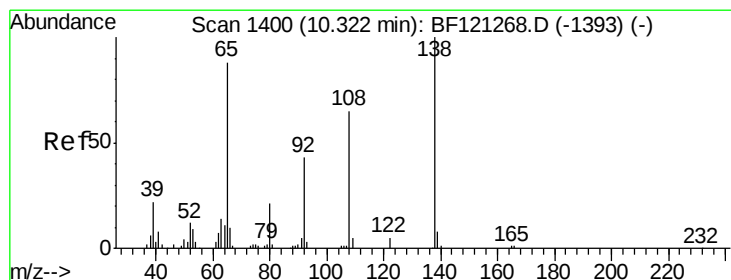
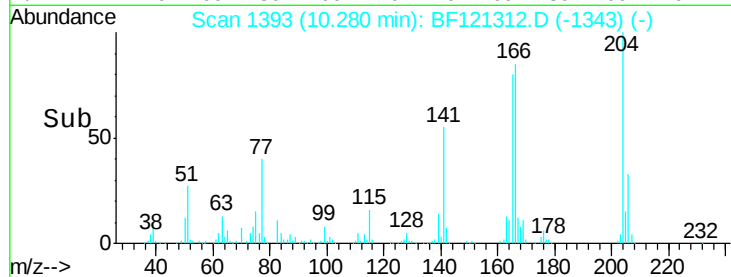
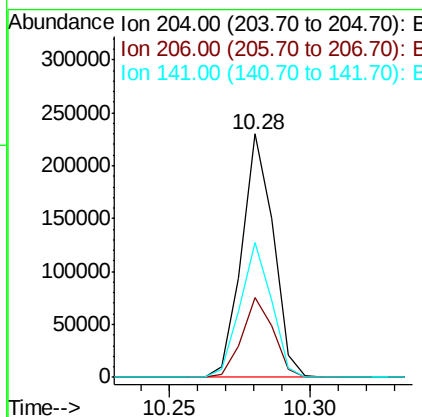
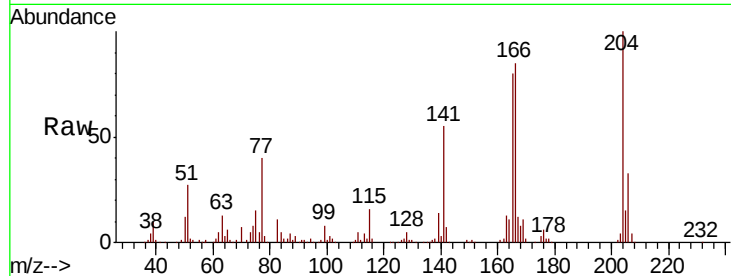




#61
 4-Chlorophenyl-phenylether
 Concen: 22.729 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

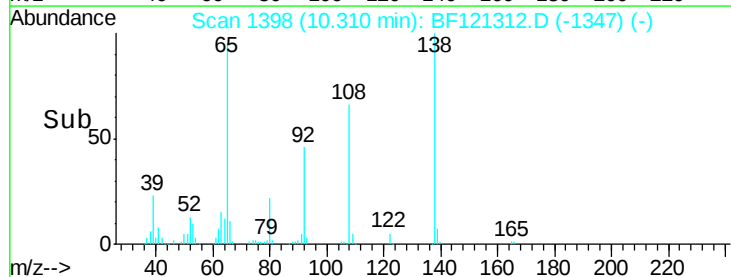
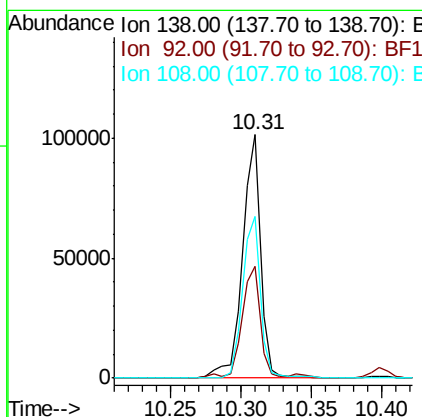
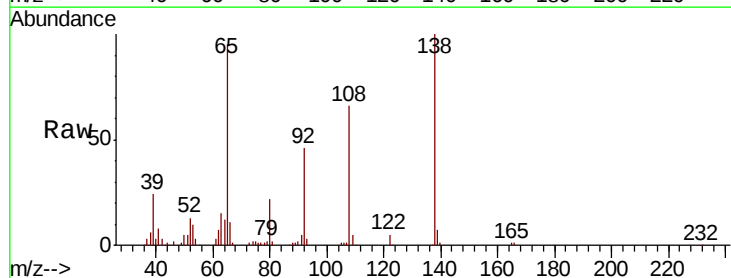
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

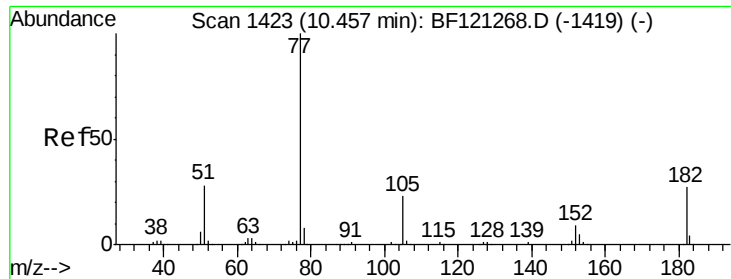
Tot Ion:204 Resp: 178359
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.2
 141 55.3 41.7 62.5



#62
 4-Nitroaniline
 Concen: 22.173 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:138 Resp: 91108
 Ion Ratio Lower Upper
 138 100
 92 45.8 28.2 68.2
 108 66.3 50.0 90.0





#63

Azobenzene

Concen: 22.529 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

Tot Ion: 77 Resp: 368594

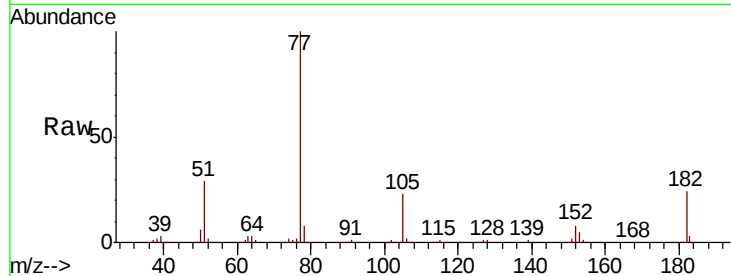
Ion Ratio Lower Upper

77 100

182 23.7 6.7 46.7

105 22.7 3.7 43.7

51 28.9 8.1 48.1

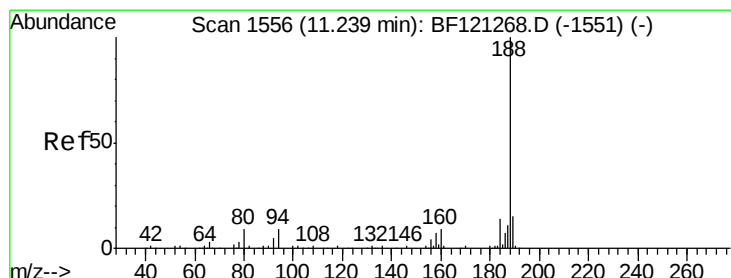
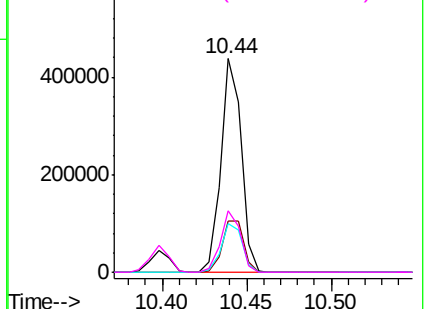
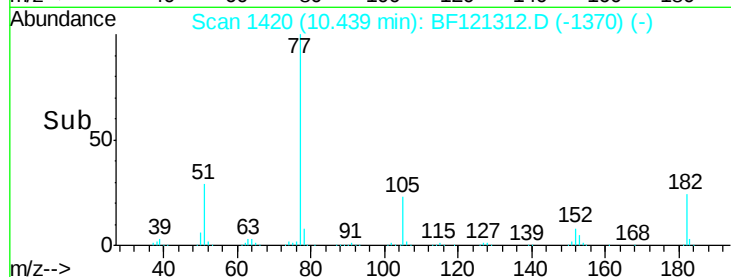


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

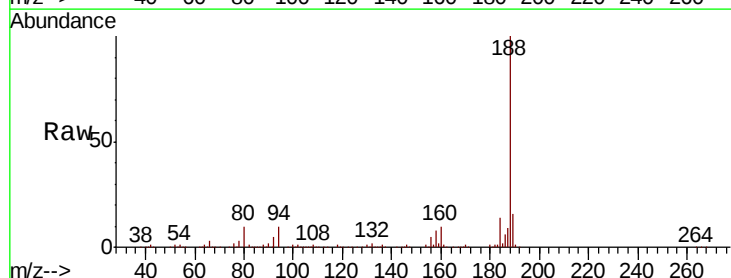
Tgt Ion: 188 Resp: 427562

Ion Ratio Lower Upper

188 100

94 9.6 6.4 9.6

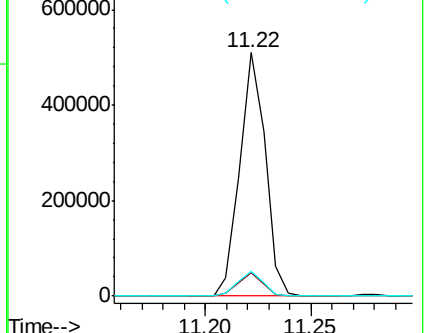
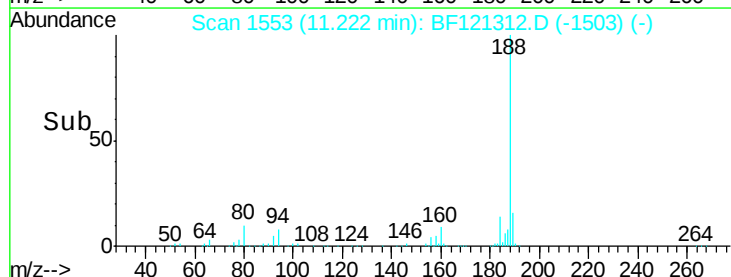
80 10.1 7.0 10.4

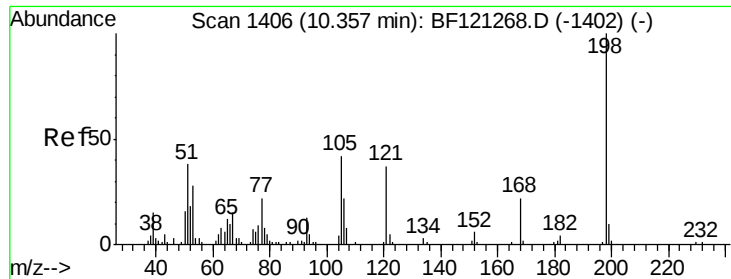


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

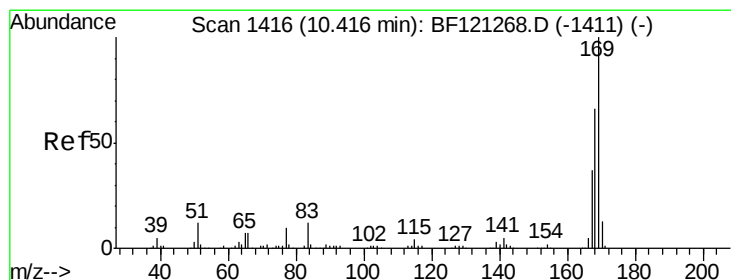
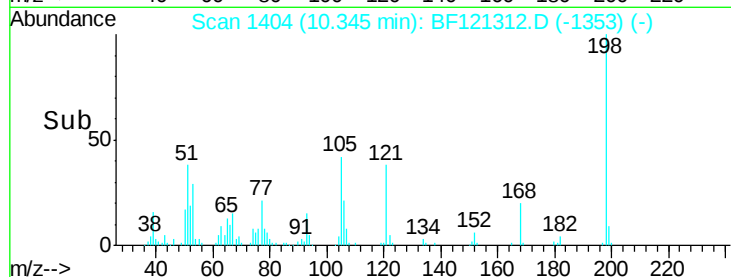
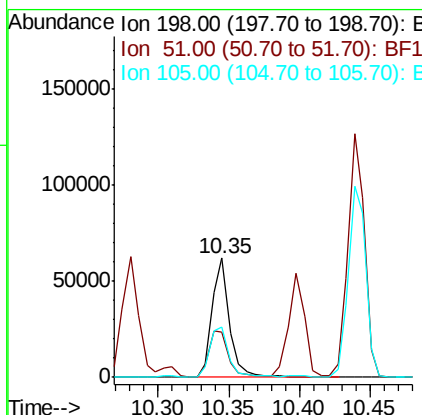
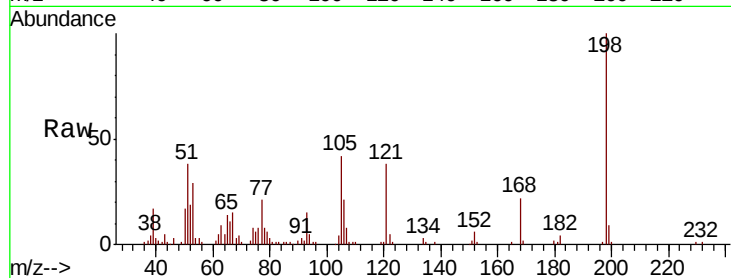




#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.736 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

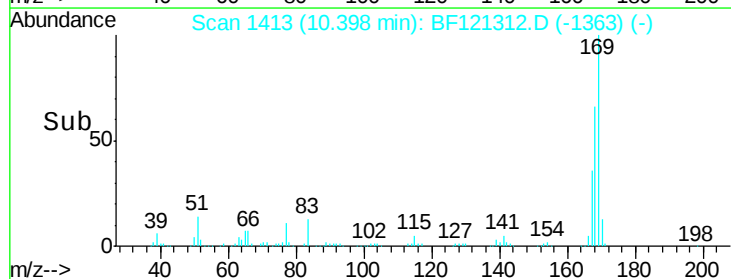
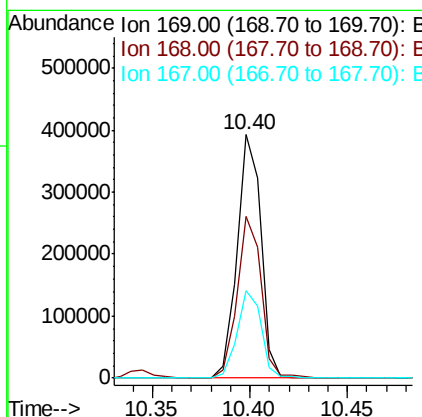
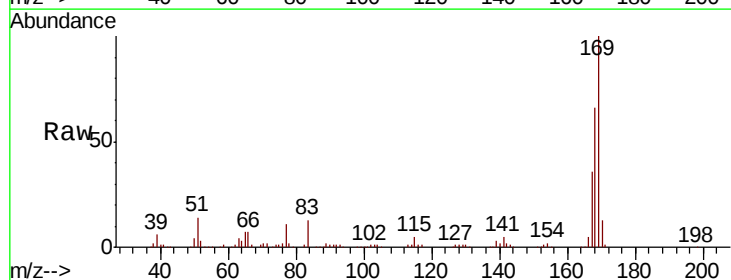
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

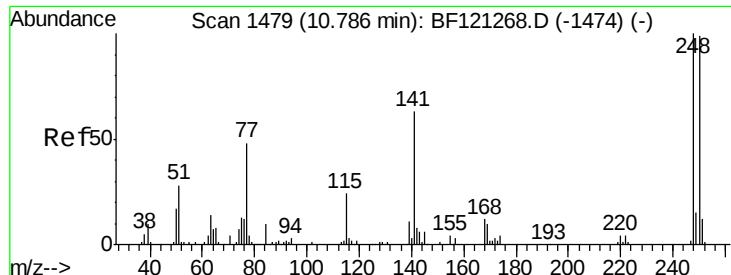
Tot Ion	198	Resp	53808
Ion Ratio	100	Lower	Upper
51	38.4	29.1	69.1
105	42.3	28.5	68.5



#66
 n-Nitrosodiphenylamine
 Concen: 22.605 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	169	Resp	331406
Ion Ratio	100	Lower	Upper
168	66.2	53.4	80.0
167	36.0	29.3	43.9

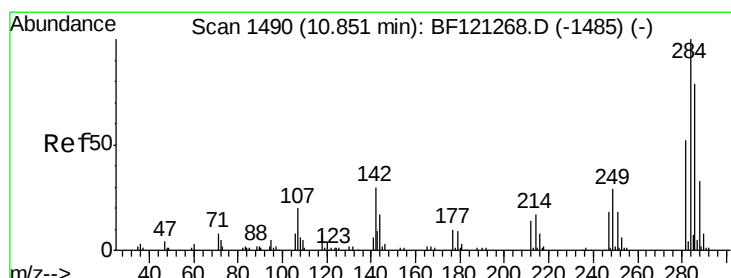
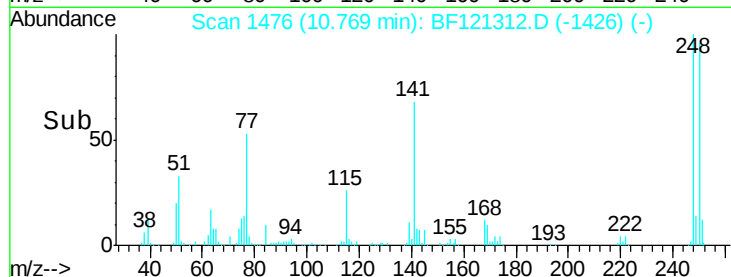
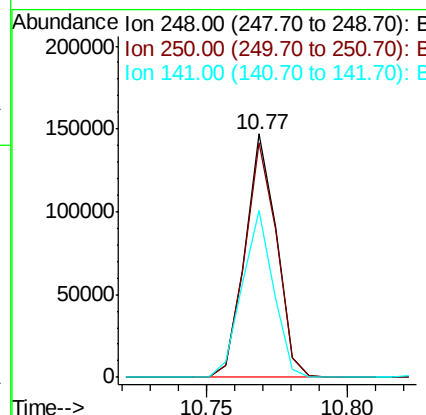
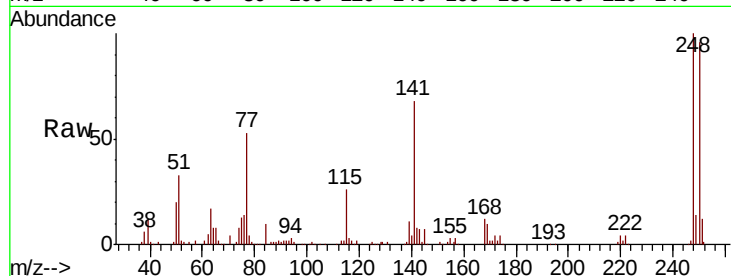




#67
4-Bromophenyl-phenylether
Concen: 22.720 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

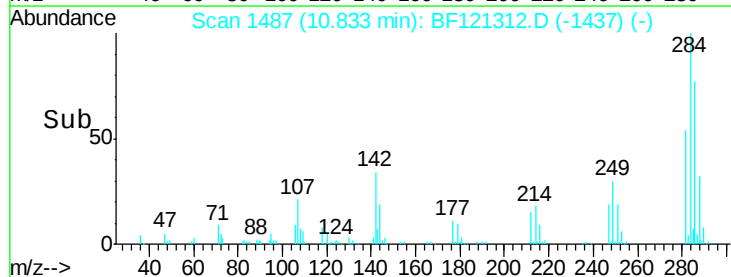
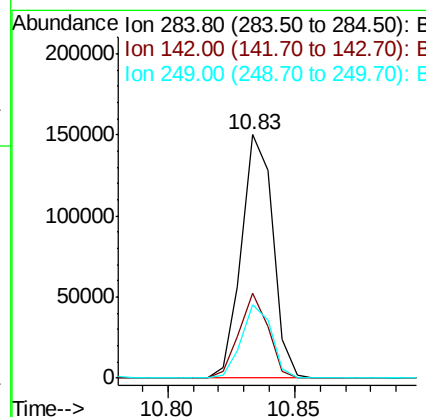
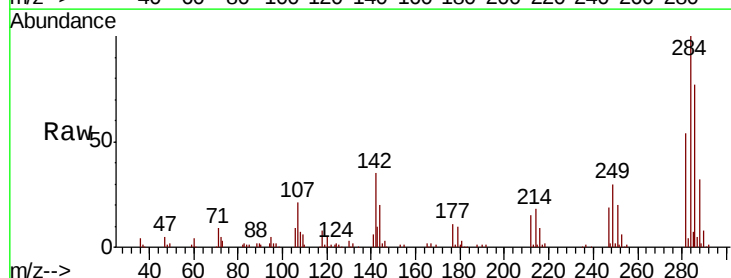
Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

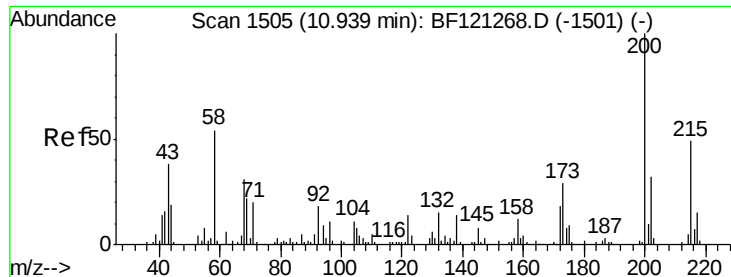
Tot Ion:248 Resp: 113314
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.0
141 68.3 48.9 73.3



#68
Hexachlorobenzene
Concen: 22.764 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion:284 Resp: 129462
Ion Ratio Lower Upper
284 100
142 34.7 24.6 36.8
249 30.2 23.2 34.8

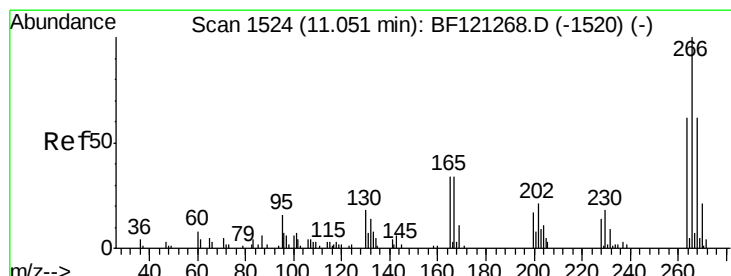
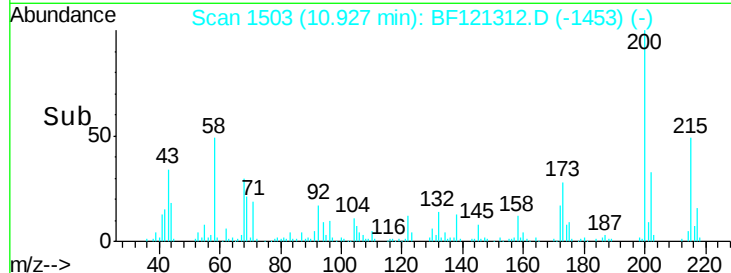
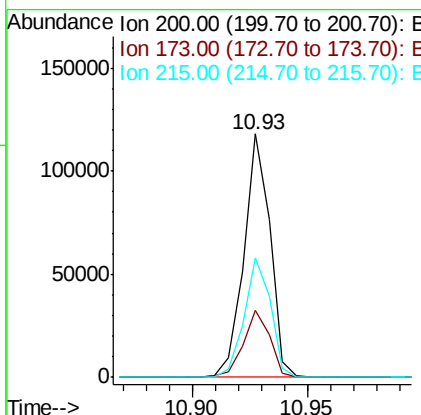
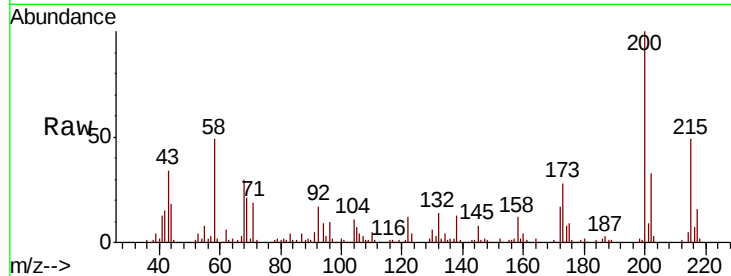




#69
 Atrazine
 Concen: 21.345 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

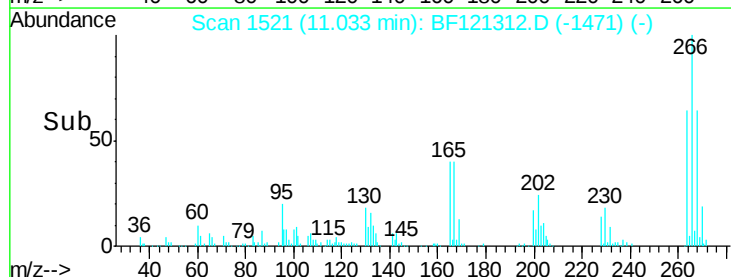
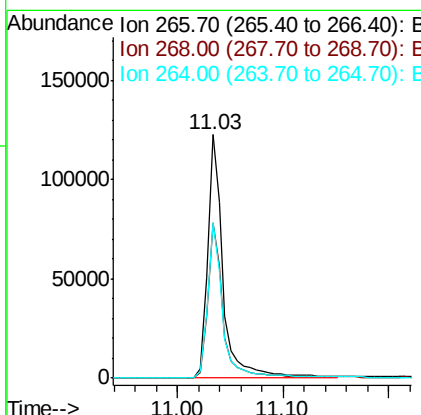
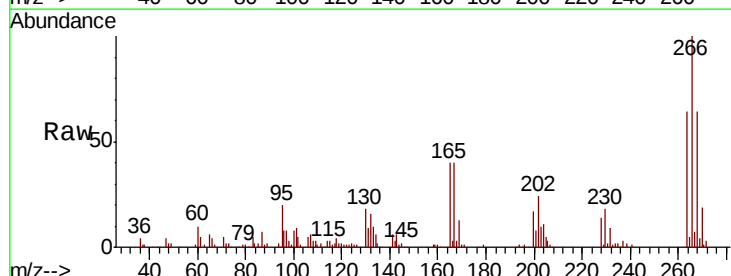
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

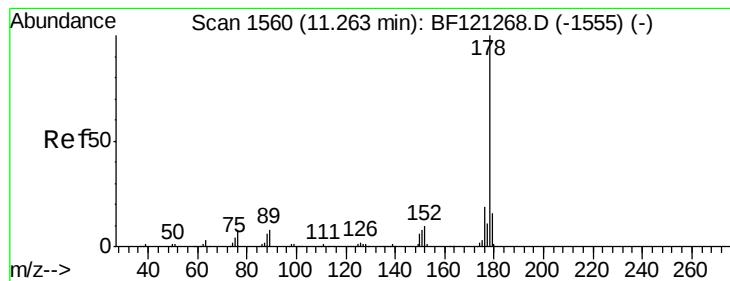
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	48.9	29.1	69.1



#70
 Pentachlorophenol
 Concen: 52.102 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.3	79.9
264	63.9	49.4	74.0





#71

Phenanthrene

Concen: 22.783 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

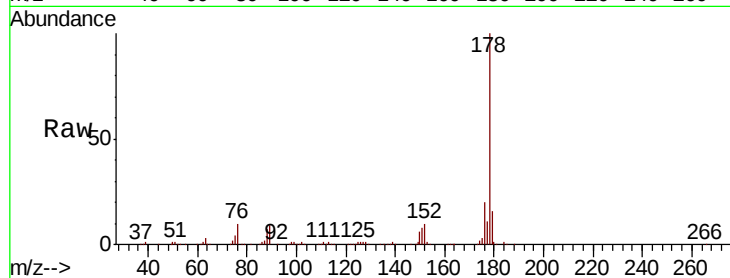
Tot Ion:178 Resp: 557274

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

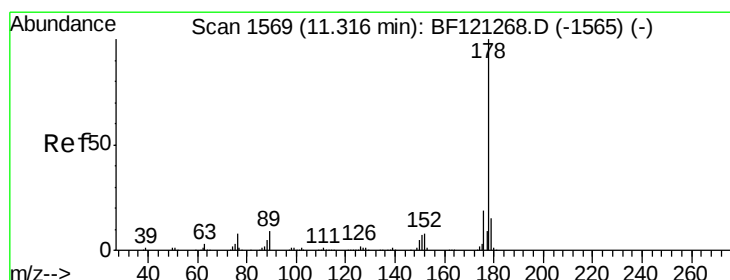
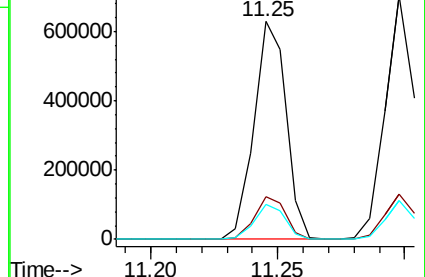
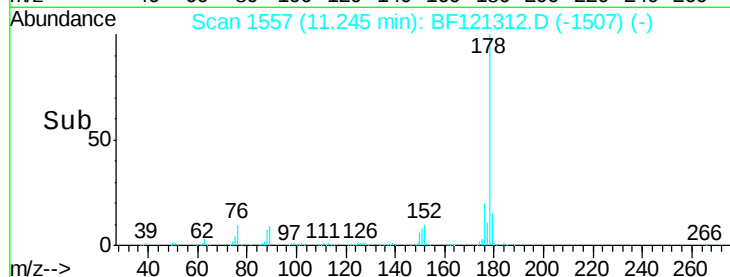
179 15.8 12.3 18.5



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: 22.978 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

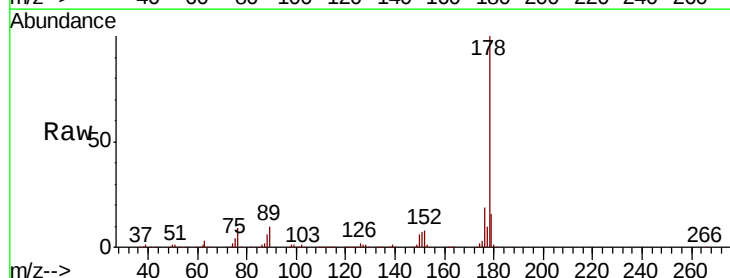
Tgt Ion:178 Resp: 564028

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

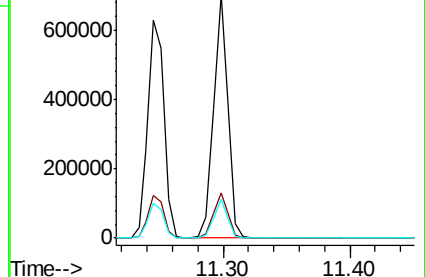
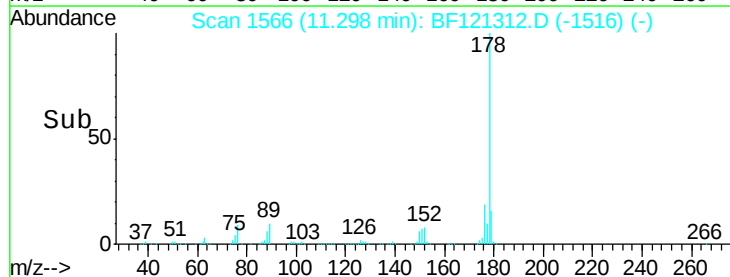
179 15.7 12.2 18.4

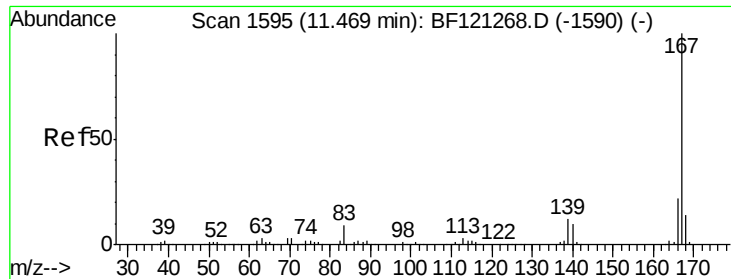


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

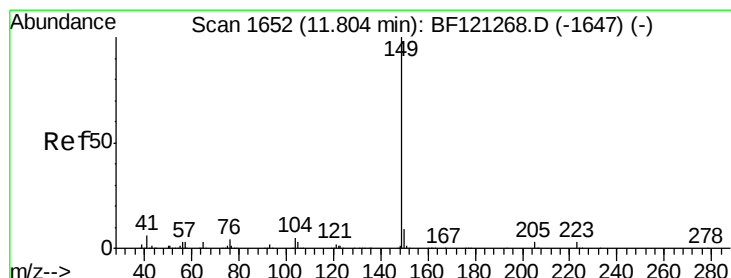
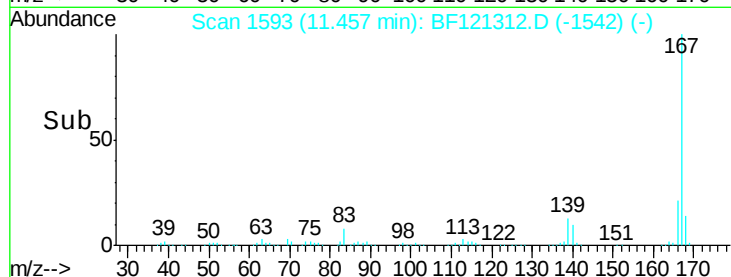
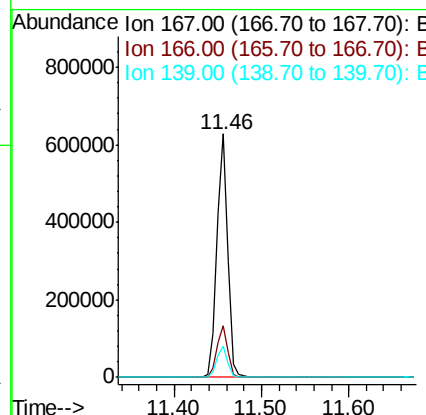
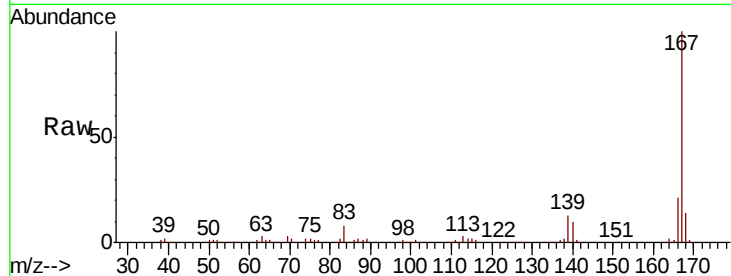




#73
 Carbazole
 Concen: 22.442 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

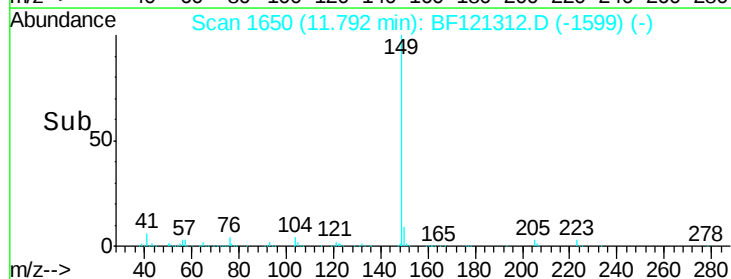
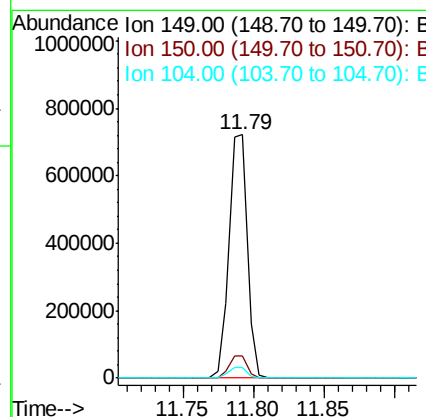
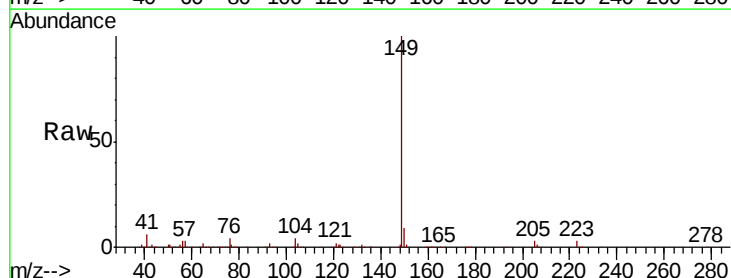
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

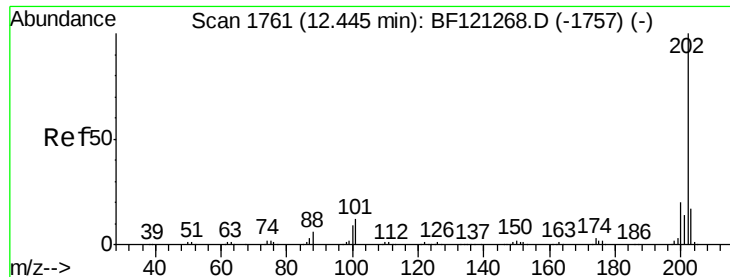
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	12.5	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 24.042 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.2	3.6	5.4

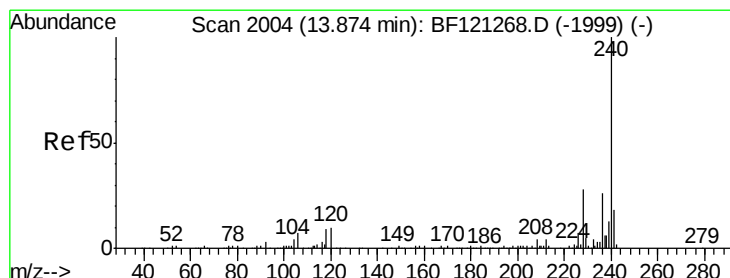
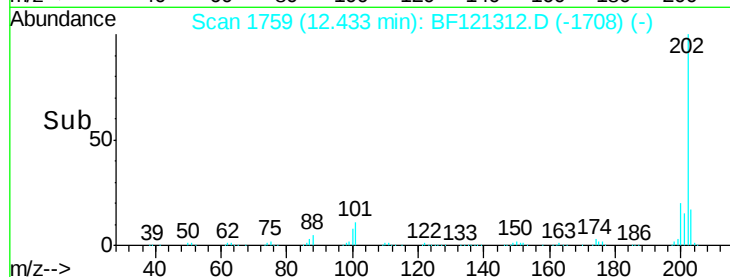
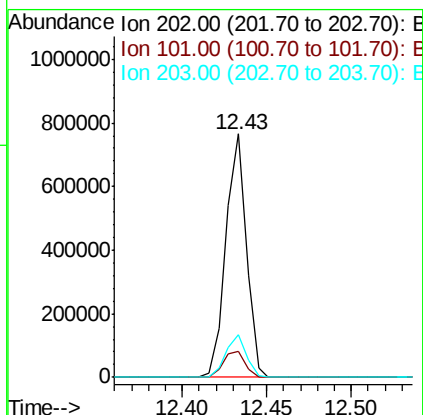
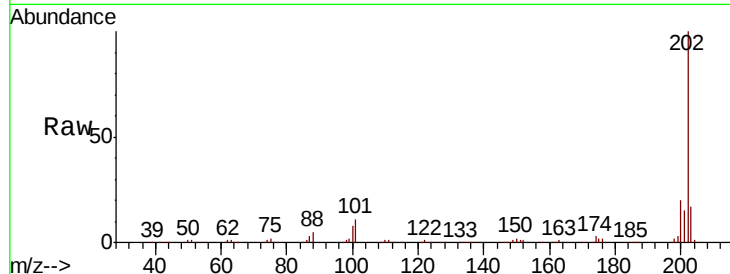




#75
Fluoranthene
Concen: 23.709 ng
RT: 12.43 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

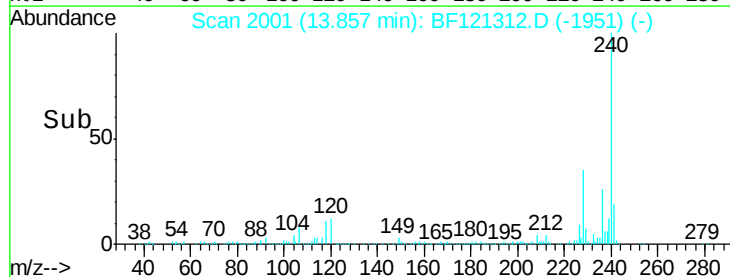
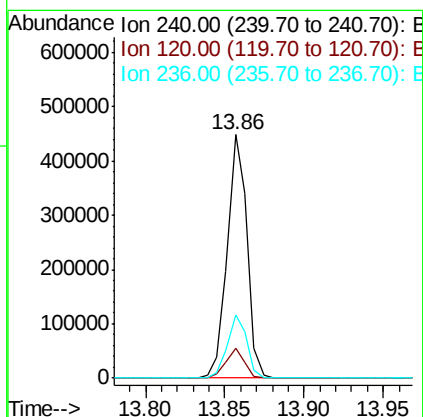
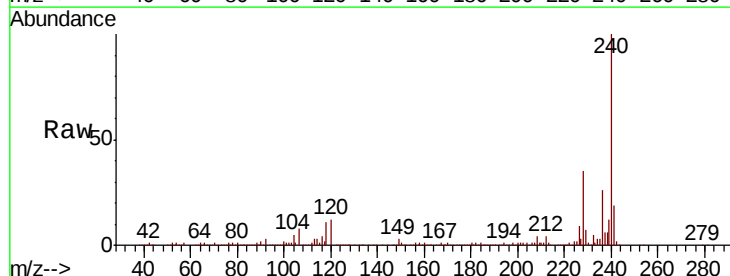
Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

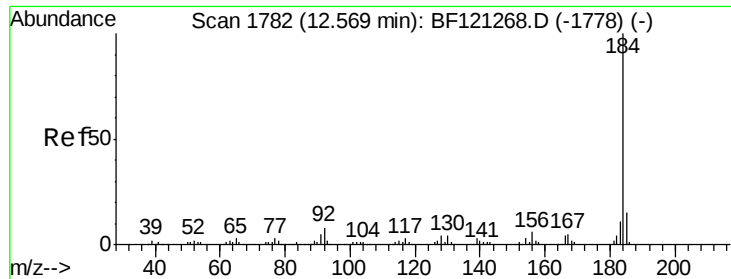
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.2
203	17.3	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	26.1	21.2	31.8





#77

Benzidine

Concen: 24.913 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

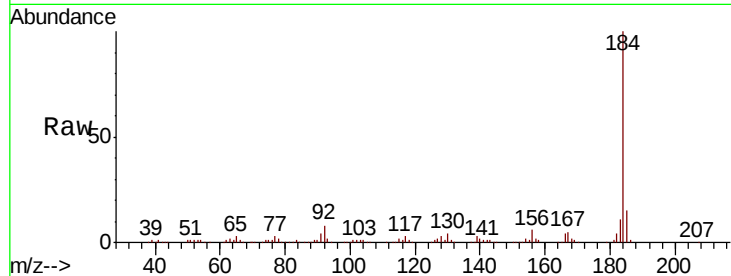
Tot Ion:184 Resp: 252681

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

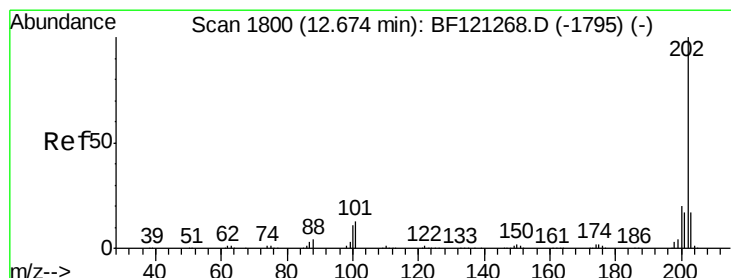
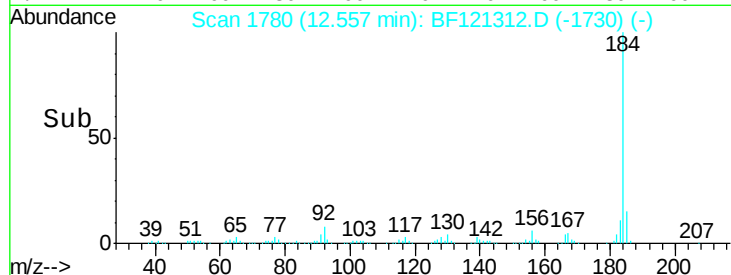
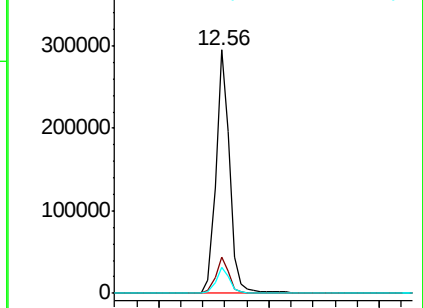
183 10.6 8.6 13.0



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: 23.188 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

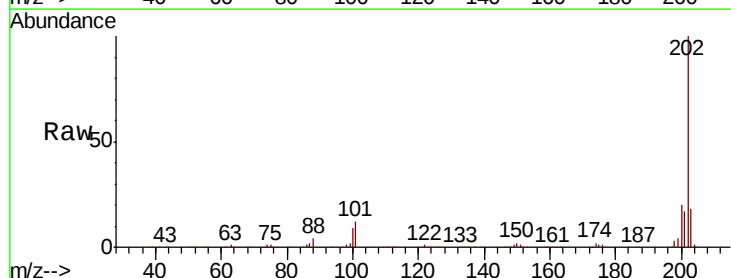
Tgt Ion:202 Resp: 666183

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

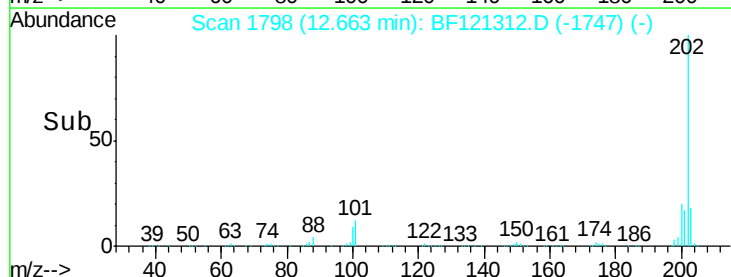
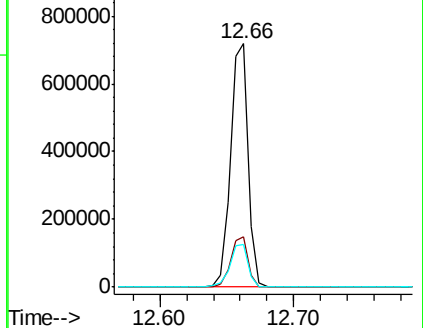
203 17.8 14.2 21.4

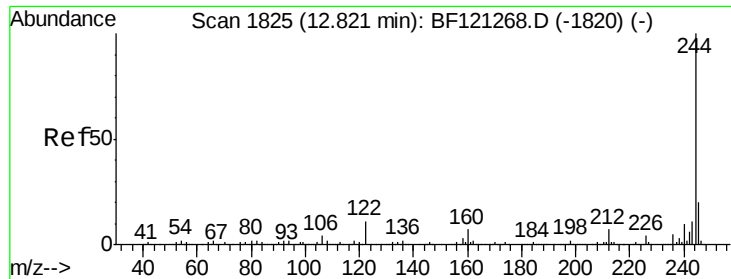


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 36.386 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampled :

SP1-3MSD

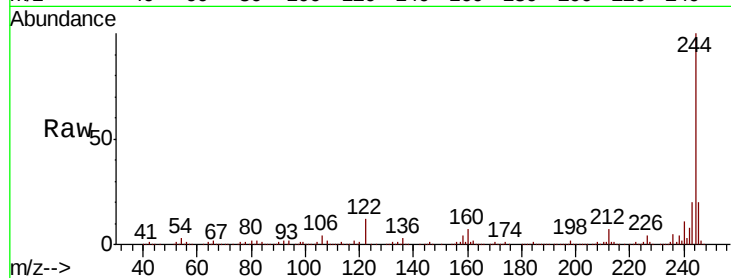
Tot Ion:244 Resp: 720135

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

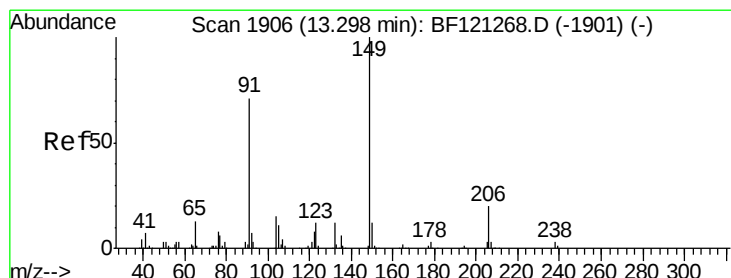
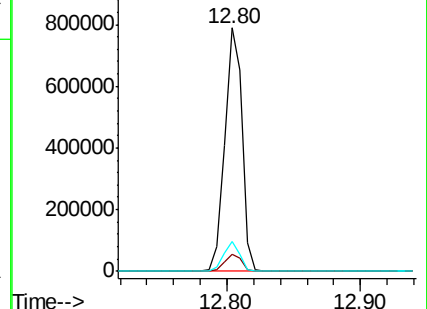
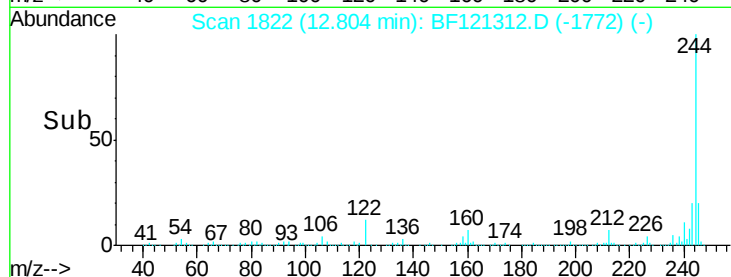
122 12.1 9.0 13.6



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: 25.207 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

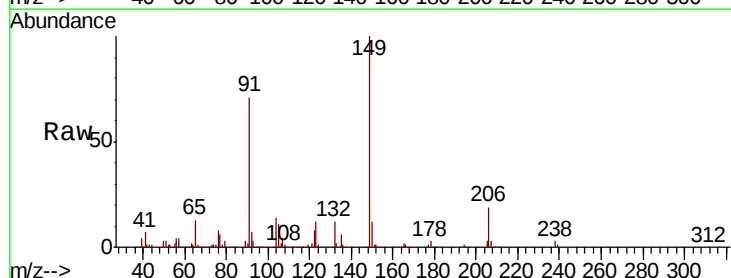
Tgt Ion:149 Resp: 295820

Ion Ratio Lower Upper

149 100

91 70.6 53.0 79.4

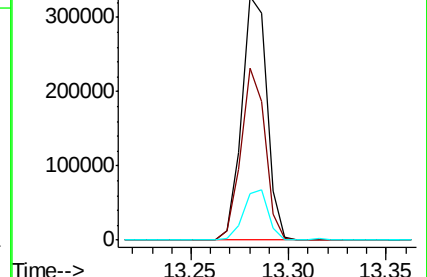
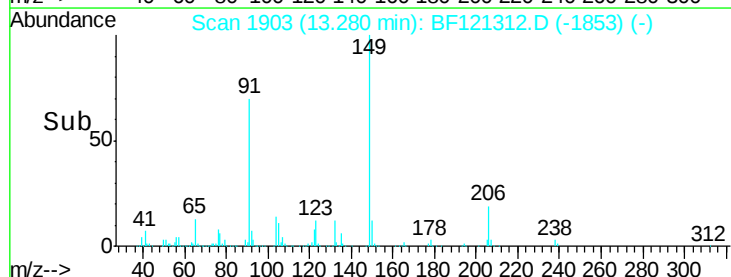
206 19.3 16.7 25.1

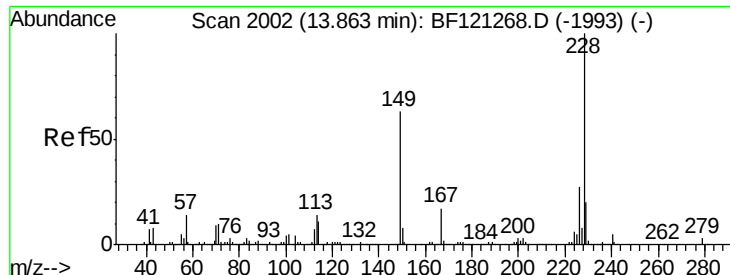


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.432 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

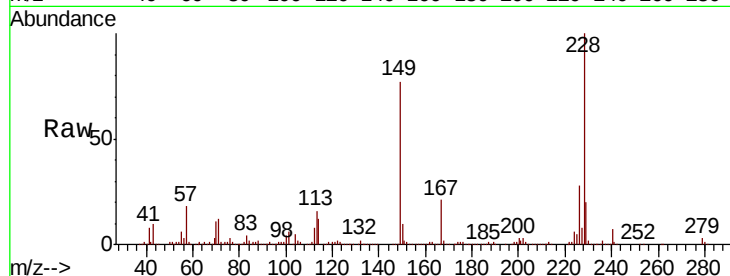
Tot Ion:228 Resp: 586988

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

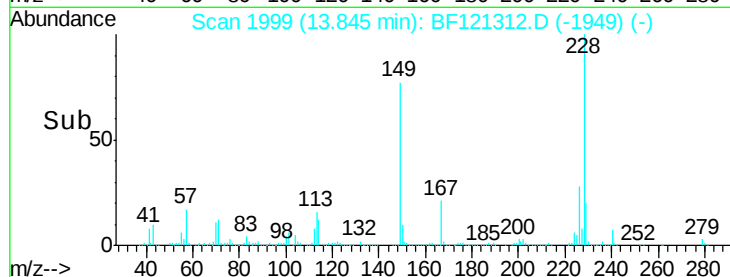
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

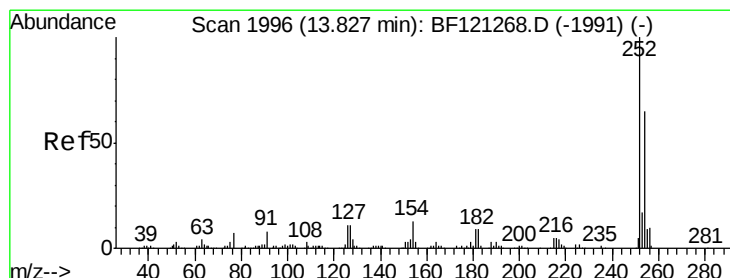
Ion 229.00 (228.70 to 229.70): E



Abundance

13.84

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 15.911 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

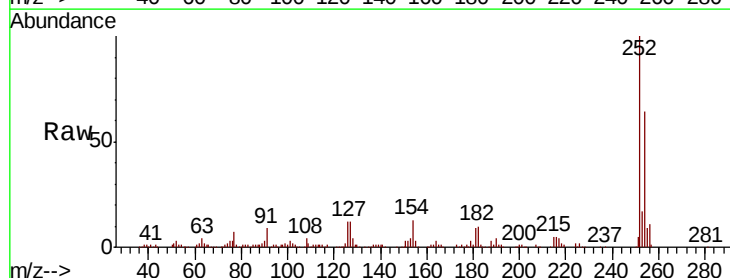
Tgt Ion:252 Resp: 165187

Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

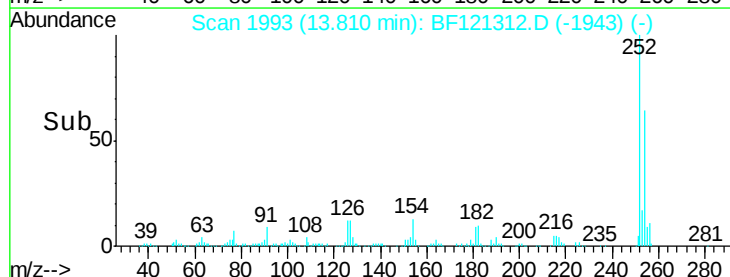
126 12.4 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

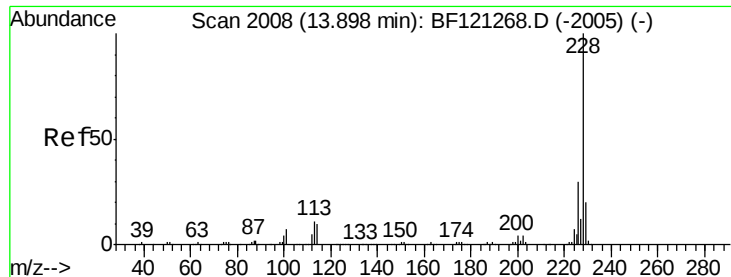
Ion 126.00 (125.70 to 126.70): E



Abundance

13.81

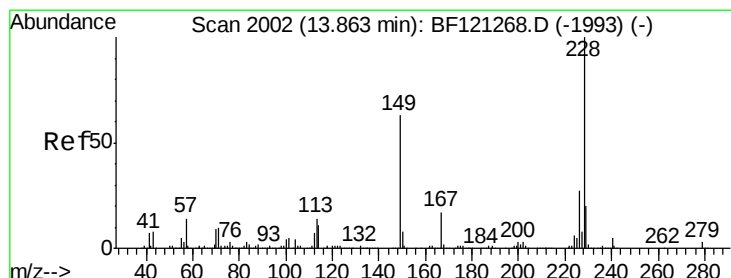
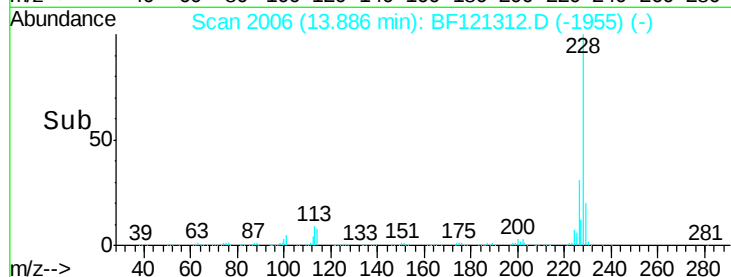
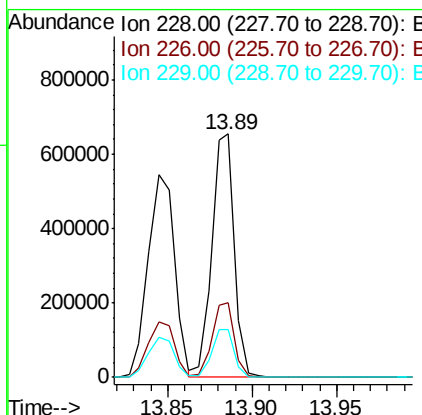
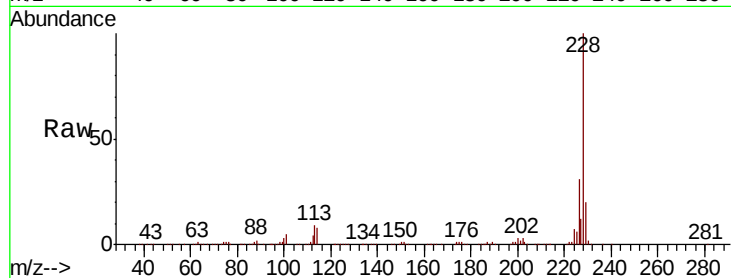
Time-->



#83
 Chrvsene
 Concen: 22.804 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

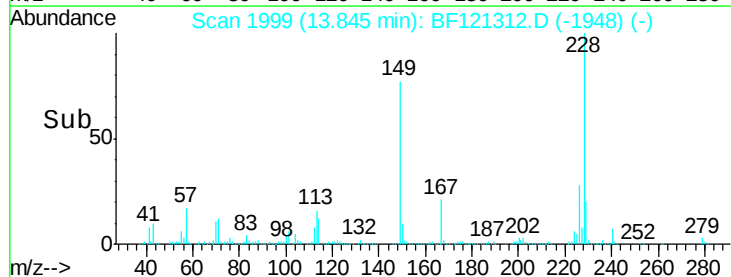
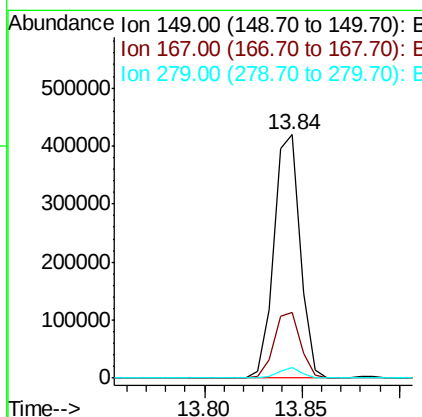
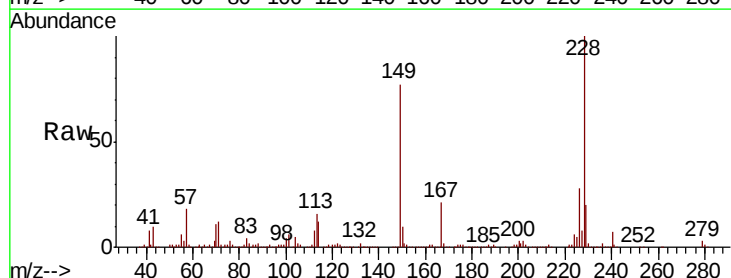
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

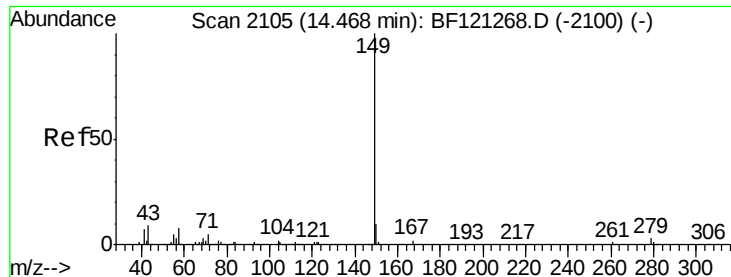
Tot Ion:228 Resp: 609239
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.3 37.9
 229 19.6 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.151 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion:149 Resp: 390658
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.5 32.3
 279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 25.341 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

Instrument :

BNA_F

ClientSampleId :

SP1-3MSD

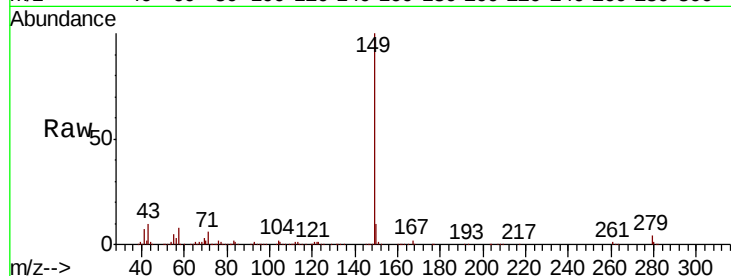
Tot Ion:149 Resp: 751543

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

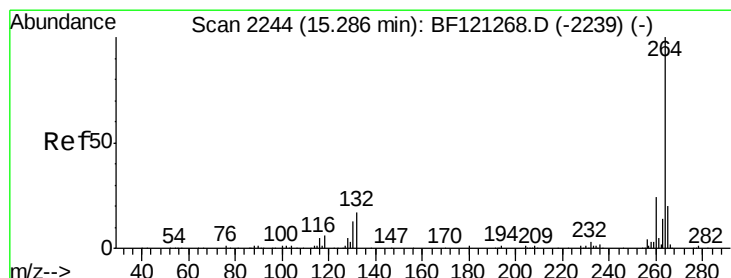
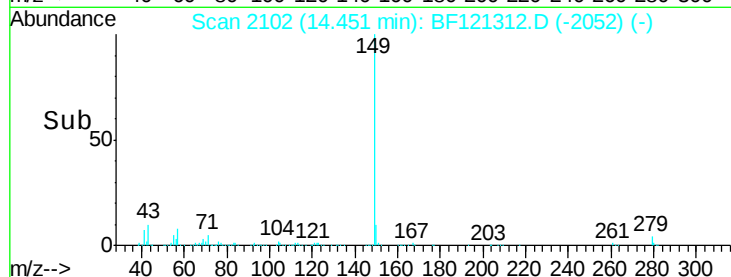
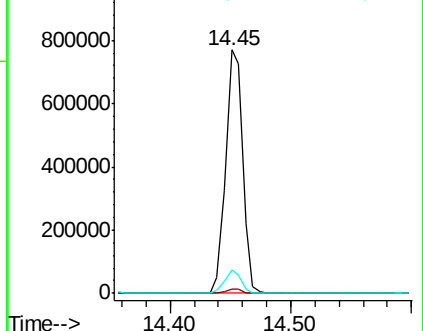
43 8.9 7.2 10.8



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: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF121312.D

Acq: 17 Aug 2020 16:18

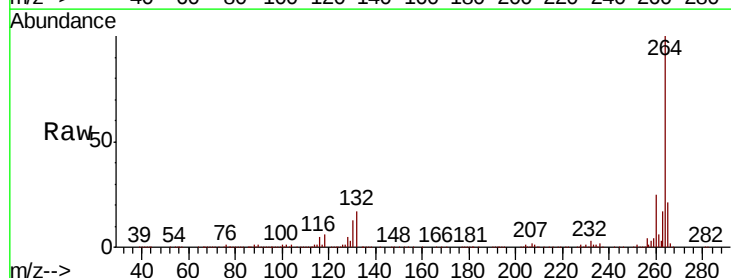
Tgt Ion:264 Resp: 389204

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

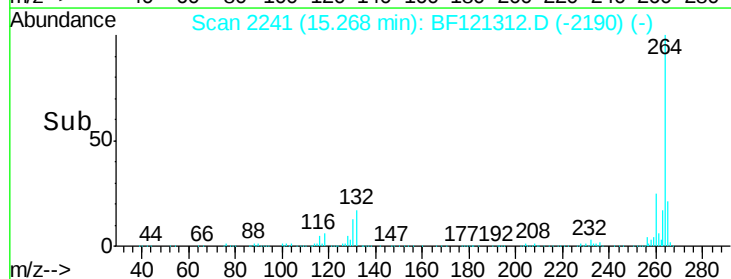
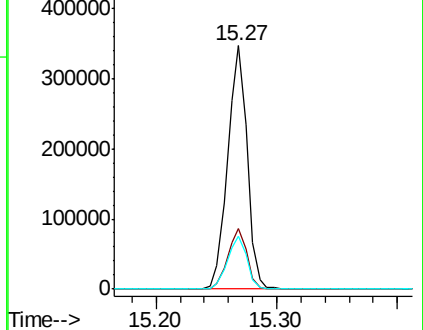
265 21.5 17.1 25.7

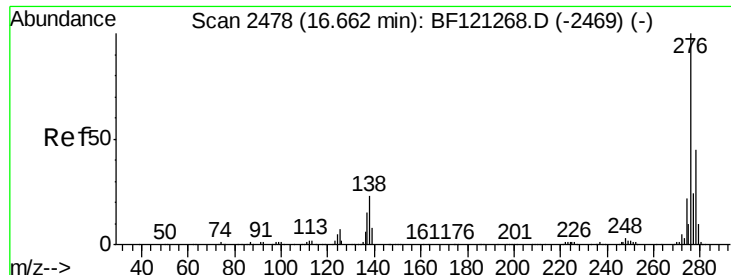


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

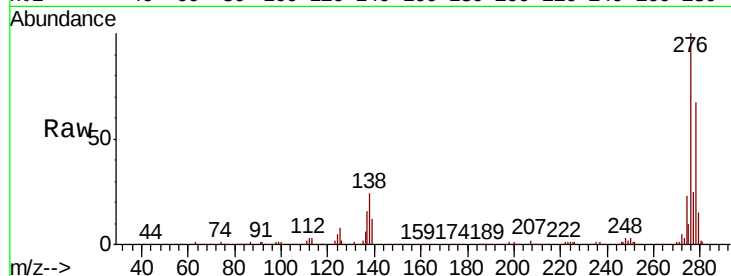




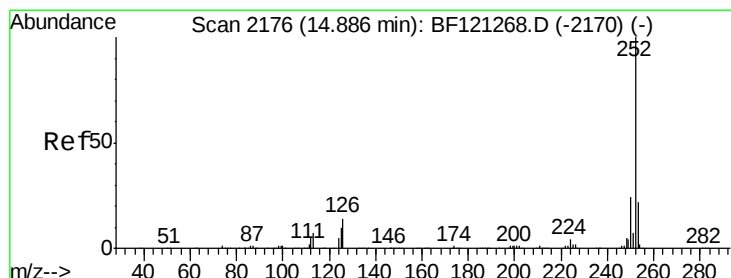
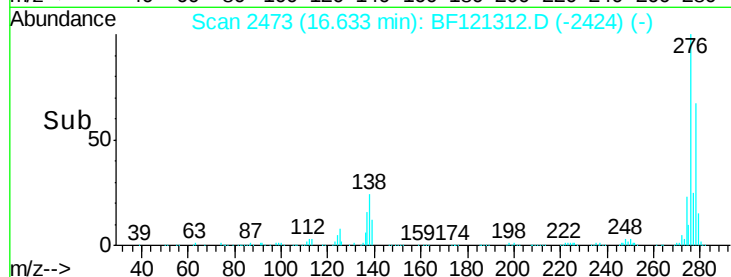
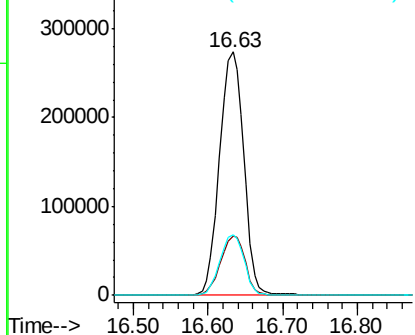
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 21.505 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.6	29.4
277	25.1	20.4	30.6

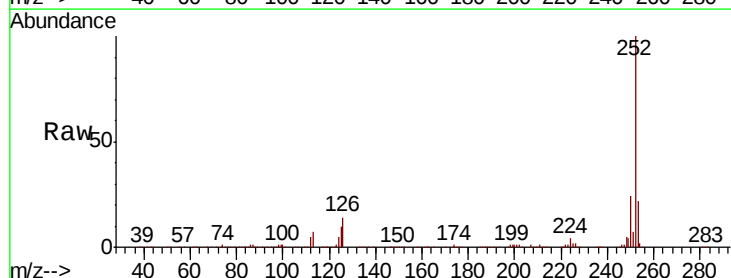


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

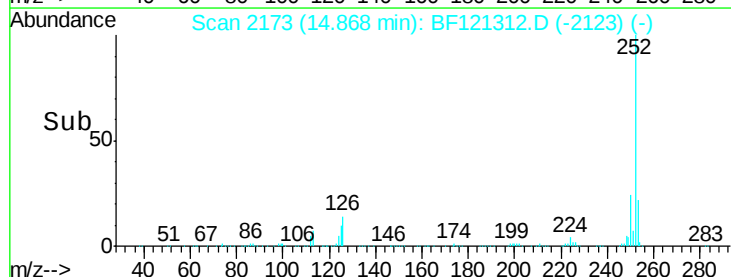
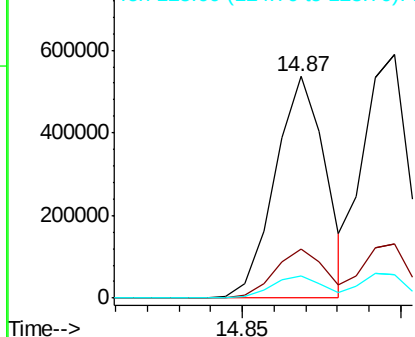


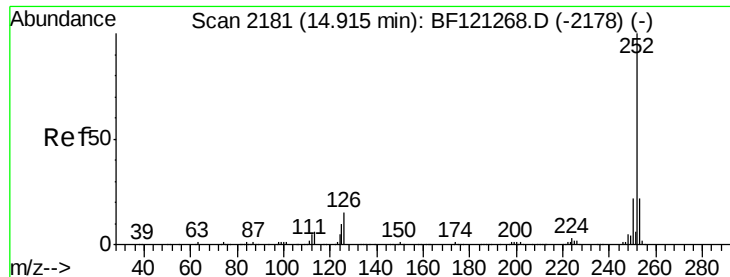
#88
 Benzo(b)fluoranthene
 Concen: 22.837 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	7.5	11.3



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

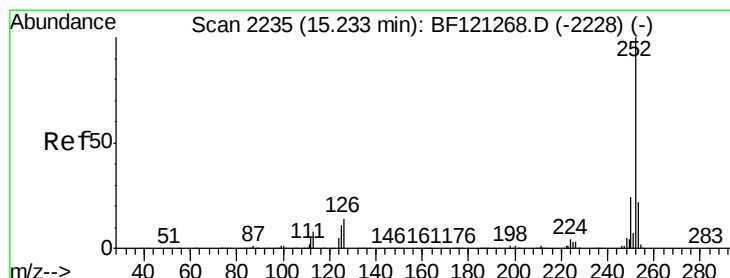
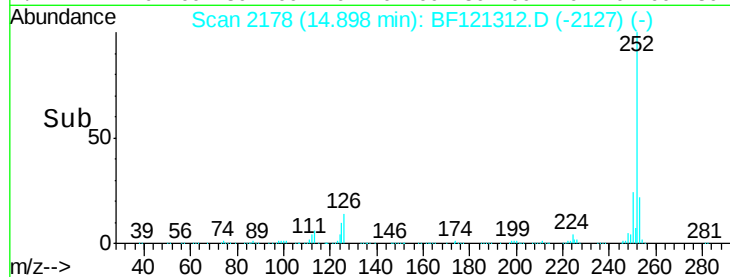
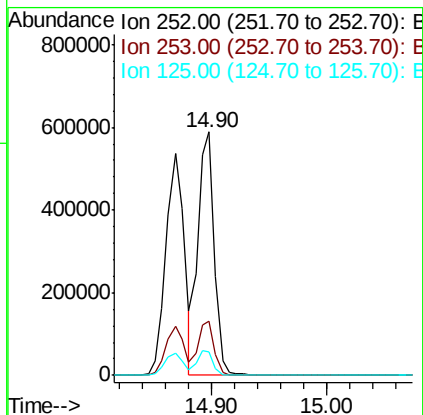
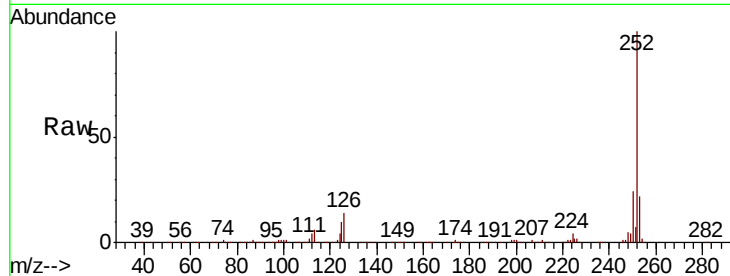




#89
Benzo(k)fluoranthene
Concen: 24.349 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

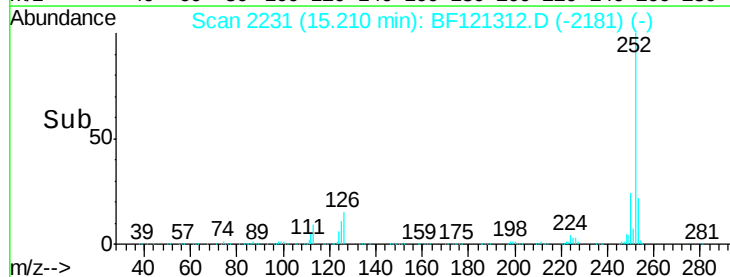
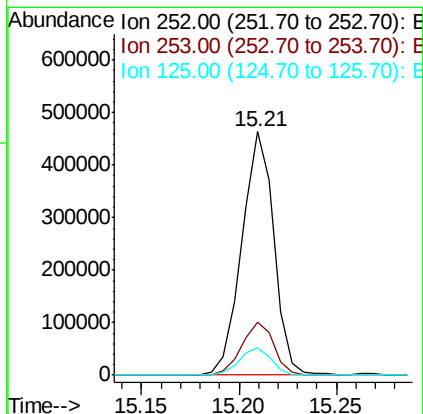
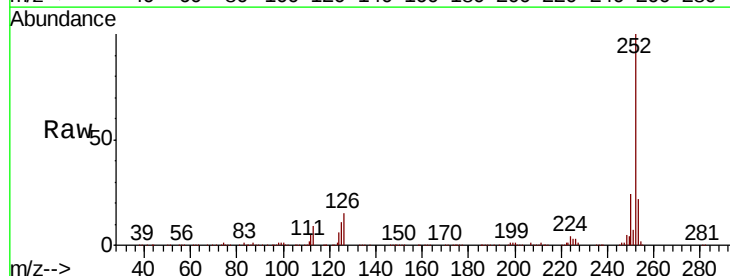
Instrument :
BNA_F
ClientSampleId :
SP1-3MSD

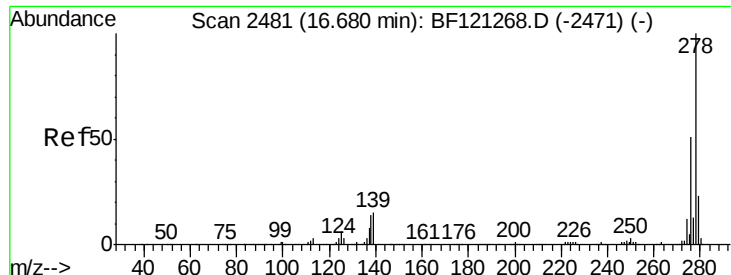
Tot Ion:252 Resp: 589646
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 22.405 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121312.D
Acq: 17 Aug 2020 16:18

Tgt Ion:252 Resp: 527353
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.5 8.7 13.1

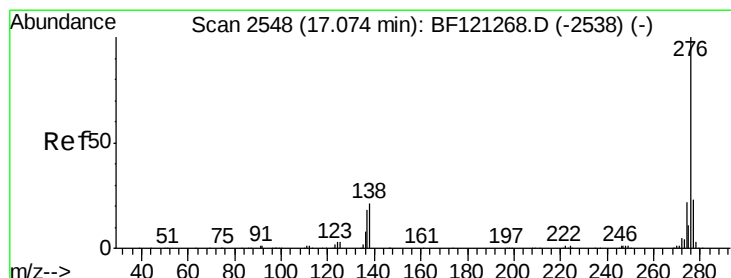
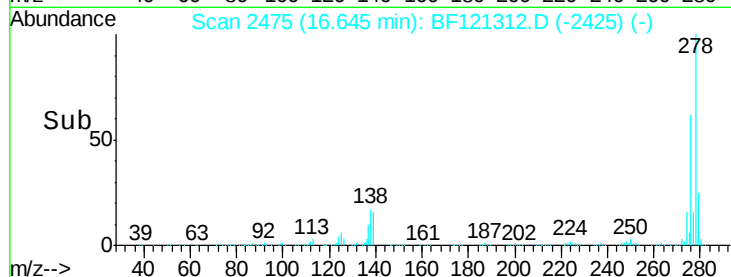
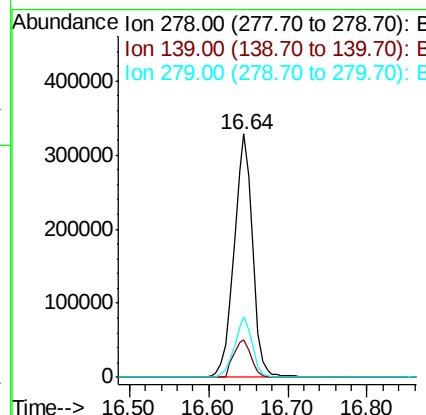
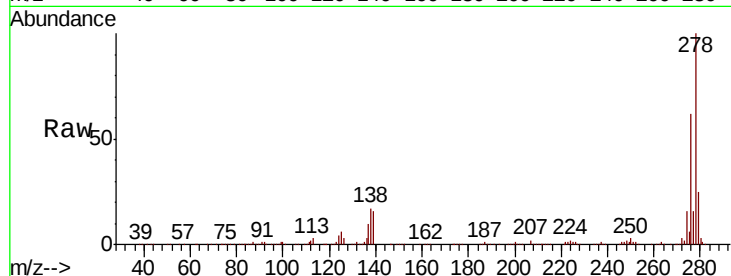




#91
 Dibenzo(a,h)anthracene
 Concen: 21.319 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	24.7	18.6	27.8



#92
 Benzo(g,h,i)perylene
 Concen: 21.452 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BF121312.D
 Acq: 17 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	21.2	16.6	24.8

