

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
 Data File : BF121551.D
 Acq On : 10 Sep 2020 14:39
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 10 15:20:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 14:49:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	190238	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	703037	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	357243	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	644962	20.00	ng	0.00
76) Chrysene-d12	13.99	240	511359	20.00	ng	0.00
86) Perylene-d12	15.44	264	473824	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1229135	108.40	ng	0.00
7) Phenol-d6	6.47	99	1616257	102.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	1322106	128.57	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	455973	126.37	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2160993	97.60	ng	0.00
79) Terphenyl-d14	12.94	244	2438781	100.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	295205	54.592	ng	99
3) Pyridine	3.35	79	821132	55.762	ng	99
4) n-Nitrosodimethylamine	3.32	42	381232	58.568	ng	100
6) Aniline	6.50	93	1076200	57.241	ng	100
8) 2-Chlorophenol	6.62	128	628627	54.625	ng	97
9) Benzaldehyde	6.39	77	497043	63.969	ng	98
10) Phenol	6.48	94	851370	54.924	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	659892	52.397	ng	98
12) 1,3-Dichlorobenzene	6.77	146	701527	50.629	ng	99
13) 1,4-Dichlorobenzene	6.85	146	705422	50.799	ng	99
14) 1,2-Dichlorobenzene	7.00	146	637637	49.314	ng	99
15) Benzyl Alcohol	6.98	79	561671	54.005	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1064736	57.068	ng	100
17) 2-Methylphenol	7.09	107	545630	54.493	ng	99
18) Hexachloroethane	7.35	117	259192	54.539	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	467949	52.844	ng	100
20) 3+4-Methylphenols	7.25	107	624102	51.507	ng	89
22) Acetophenone	7.25	105	841913	48.587	ng	# 95
24) Nitrobenzene	7.42	77	704125	68.309	ng	96
25) Isophorone	7.66	82	1313974	56.808	ng	99
26) 2-Nitrophenol	7.73	139	331012	94.985	ng	95
27) 2,4-Dimethylphenol	7.77	122	604306	62.993	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	808533	51.406	ng	98
29) 2,4-Dichlorophenol	7.97	162	536772	56.669	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	554573	47.794	ng	99
31) Naphthalene	8.14	128	1774085	50.829	ng	99
32) Benzoic acid	7.91	122	442153	83.356	ng	98
33) 4-Chloroaniline	8.19	127	791032	50.885	ng	98
34) Hexachlorobutadiene	8.26	225	328860	47.658	ng	99
35) Caprolactam	8.57	113	151511	49.043	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	573453	57.421	ng	99
37) 2-Methylnaphthalene	8.83	142	1164688	50.365	ng	100
38) 1-Methylnaphthalene	8.93	142	1087585	49.807	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	541874	51.169	ng	99

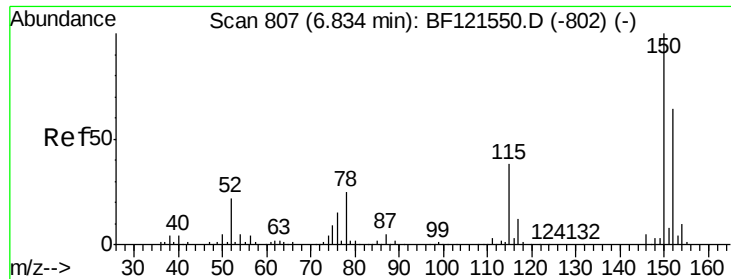
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	343390	77.110	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	387028	57.823	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	406324	61.390	nq	96
46) 1,1'-Biphenyl	9.29	154	1359863	50.444	nq	100
47) 2-Chloronaphthalene	9.32	162	1087752	49.091	nq	99
48) 2-Nitroaniline	9.42	65	374095	77.665	nq	93
49) Acenaphthylene	9.73	152	1659704	49.937	nq	99
50) Dimethylphthalate	9.60	163	1262410	51.444	nq	99
51) 2,6-Dinitrotoluene	9.66	165	286309	79.938	nq	88
52) Acenaphthene	9.90	154	1064015	50.700	nq	100
53) 3-Nitroaniline	9.83	138	327162	69.261	nq	96
54) 2,4-Dinitrophenol	9.93	184	140857	110.560	nq	# 90
55) Dibenzofuran	10.08	168	1469985	48.219	nq	98
56) 4-Nitrophenol	9.98	139	269130	70.132	nq	98
57) 2,4-Dinitrotoluene	10.06	165	376202	88.327	nq	93
58) Fluorene	10.42	166	1084740	47.201	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	331068	60.080	nq	99
60) Diethylphthalate	10.29	149	1231745	49.961	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	528764	45.922	nq	99
62) 4-Nitroaniline	10.44	138	324341	63.954	nq	97
63) Azobenzene	10.57	77	1299991	53.321	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	195564	116.970	nq	96
66) n-Nitrosodiphenylamine	10.53	169	1079242	52.907	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	365689	51.541	nq	98
68) Hexachlorobenzene	10.96	284	412525	49.720	nq	99
69) Atrazine	11.06	200	281005	47.500	nq	98
70) Pentachlorophenol	11.16	266	249081	65.713	nq	99
71) Phenanthrene	11.38	178	1673398	50.559	nq	99
72) Anthracene	11.43	178	1717289	52.753	nq	99
73) Carbazole	11.59	167	1572395	50.090	nq	99
74) Di-n-butylphthalate	11.92	149	1855021	53.194	nq	99
75) Fluoranthene	12.57	202	1789615	50.170	nq	98
77) Benzidine	12.69	184	869522	77.967	nq	100
78) Pyrene	12.79	202	1841601	50.427	nq	100
80) Butylbenzylphthalate	13.41	149	792075	56.297	nq	99
81) Benzo(a)anthracene	13.98	228	1566998	50.199	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	645303	56.439	nq	100
83) Chrysene	14.02	228	1609092	51.523	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	989254	54.440	nq	# 98
85) Di-n-octyl phthalate	14.59	149	1823046	59.199	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1530252	52.489	nq	100
88) Benzo(b)fluoranthene	15.02	252	1659286	53.834	nq	99
89) Benzo(k)fluoranthene	15.06	252	1405372	49.021	nq	98
90) Benzo(a)pyrene	15.39	252	1360742	49.097	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	1263152	52.931	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1248452	54.307	nq	98

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

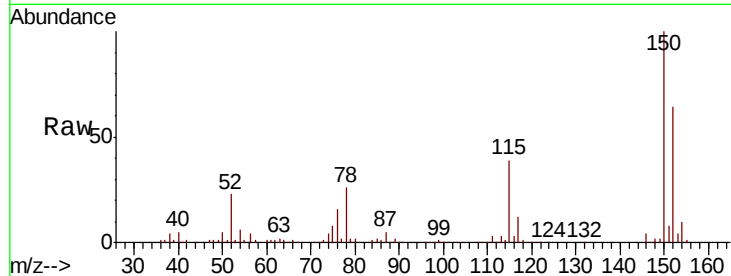


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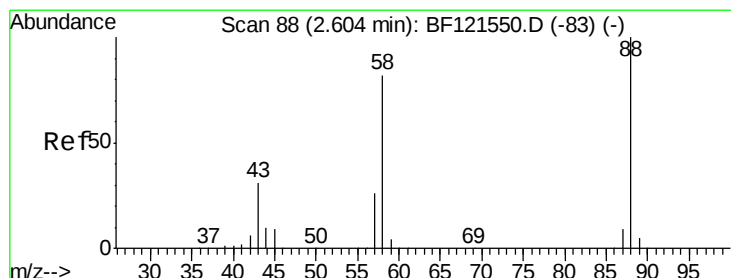
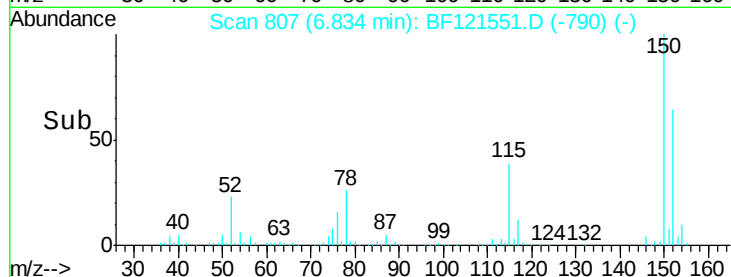
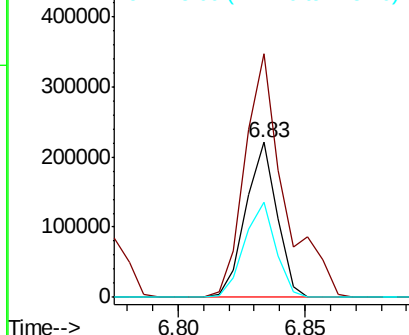
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190238
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 61.7 47.8 71.8



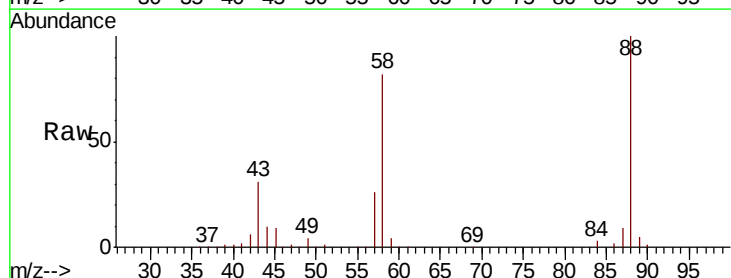
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



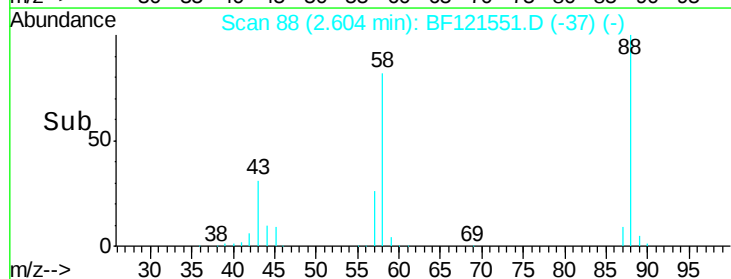
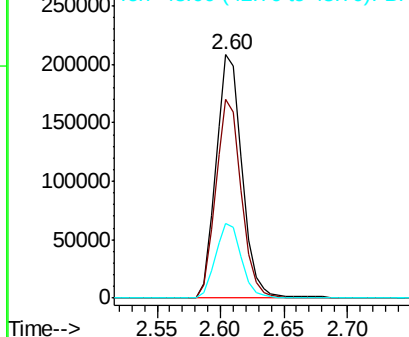
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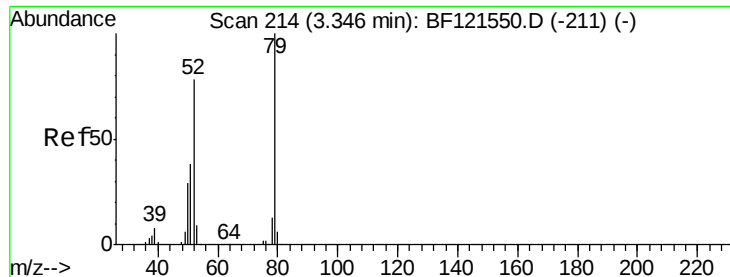
1,4-Dioxane
Concen: 54.592 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion: 88 Resp: 295205
Ion Ratio Lower Upper
88 100
58 80.9 65.1 97.7
43 31.0 25.0 37.4



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

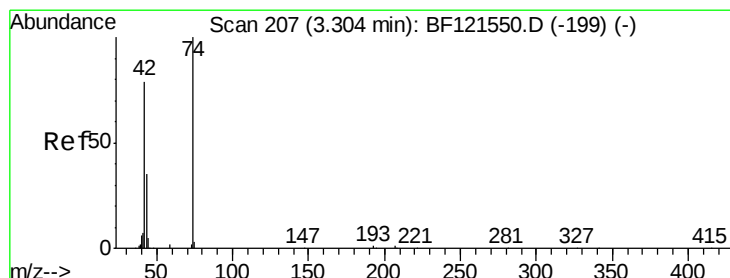
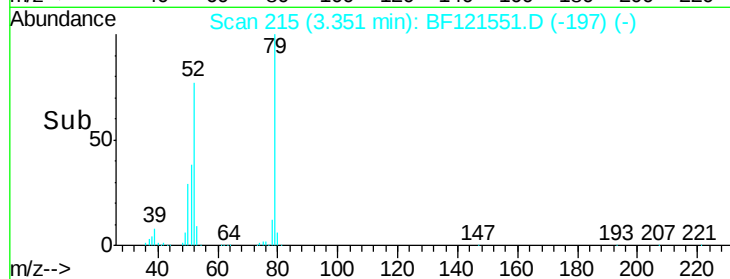
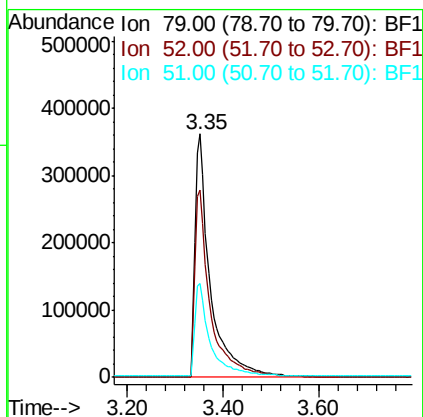
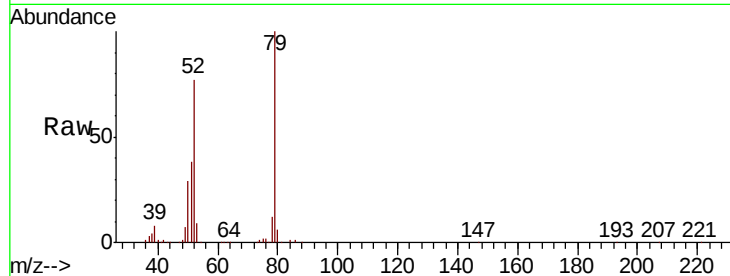




#3
 Pvridine
 Concen: 55.762 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

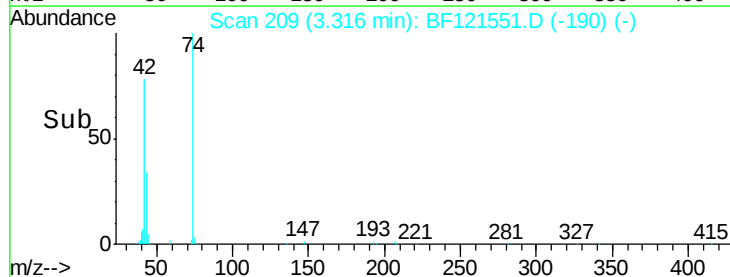
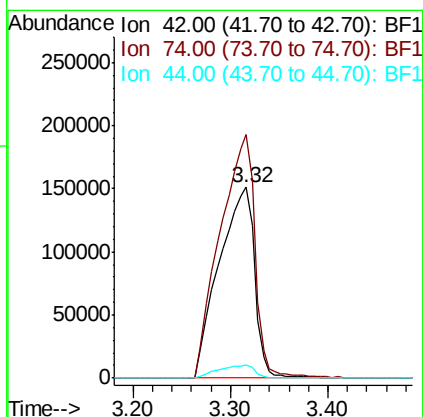
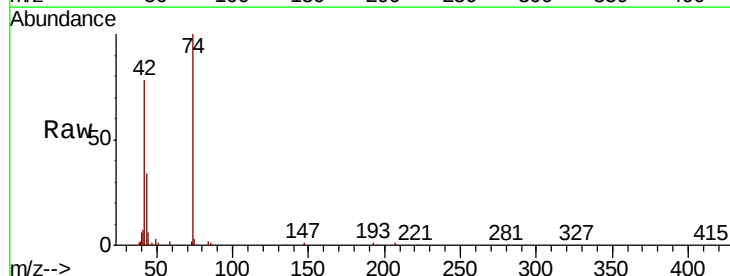
Instrument :
 BNA_F
 ClientSampleId :

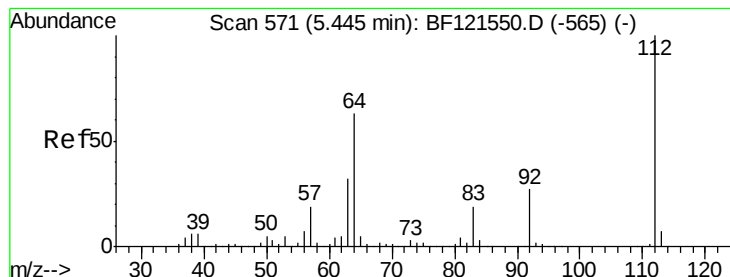
Tot Ion: 79 Resp: 821132
 Ion Ratio Lower Upper
 79 100
 52 76.9 62.2 93.2
 51 38.3 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 58.568 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion: 42 Resp: 381232
 Ion Ratio Lower Upper
 42 100
 74 127.5 101.7 152.5
 44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 108.400 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

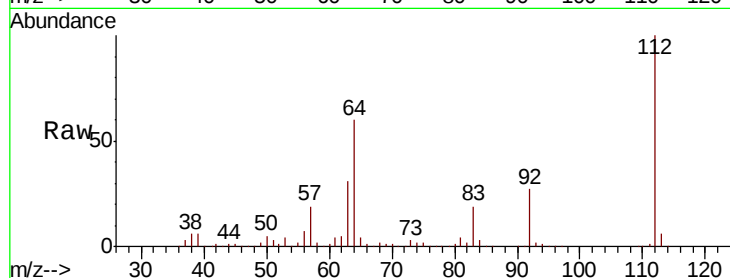
Tot Ion: 112 Resp: 1229135

Ion Ratio Lower Upper

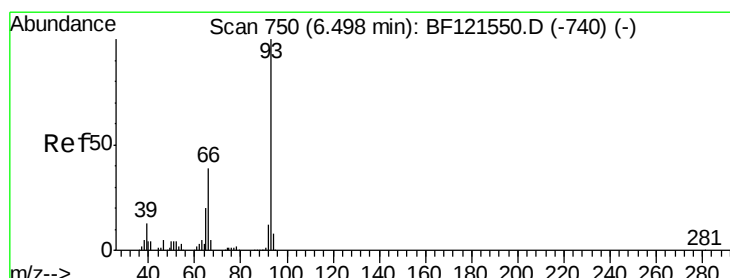
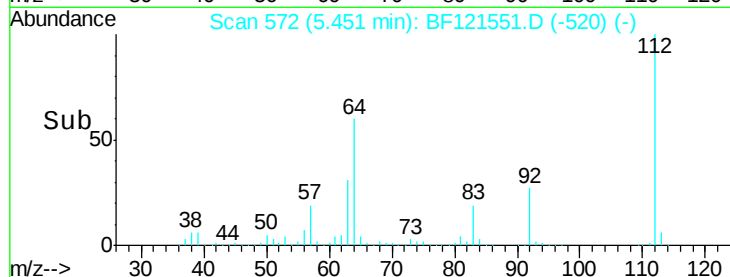
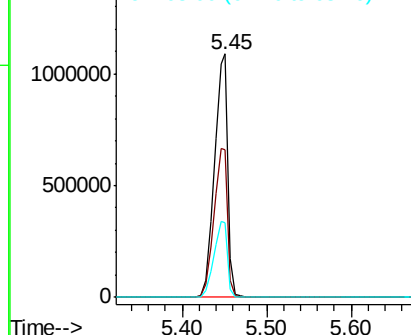
112 100

64 60.4 50.3 75.5

63 30.6 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 57.241 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

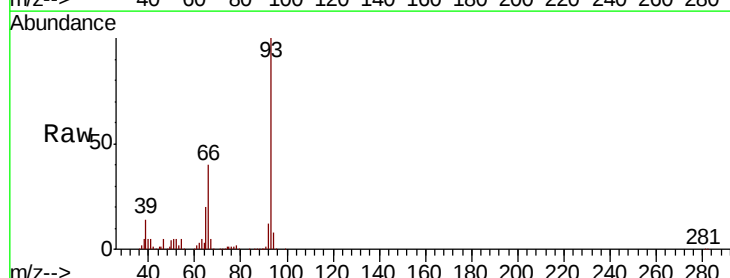
Tgt Ion: 93 Resp: 1076200

Ion Ratio Lower Upper

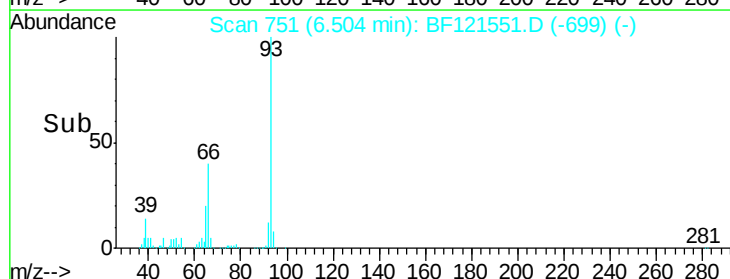
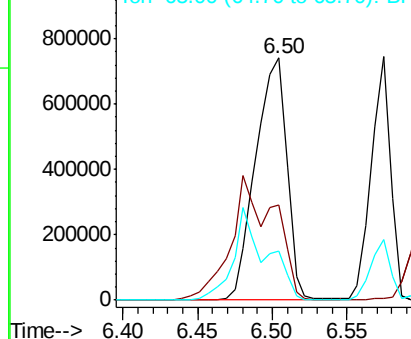
93 100

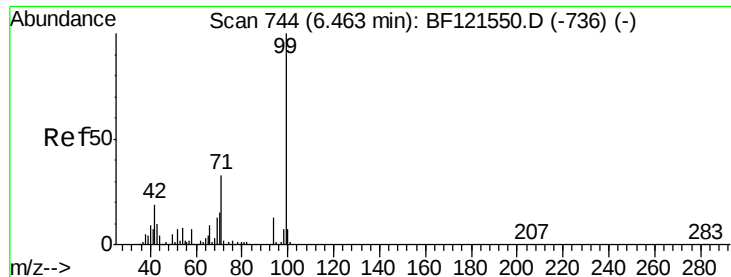
66 39.6 31.8 47.8

65 20.3 16.2 24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.999 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

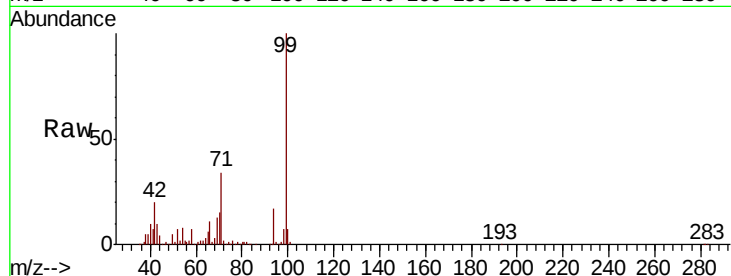
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1616257

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.5	23.3
71	33.6	26.1	39.1

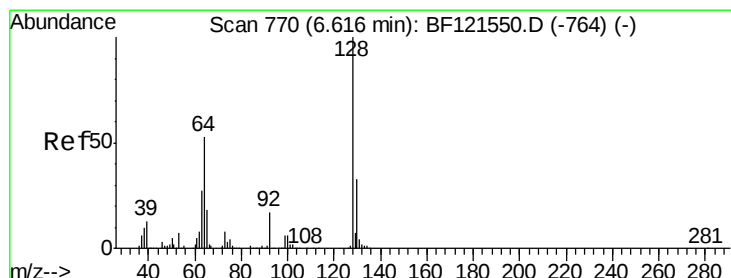
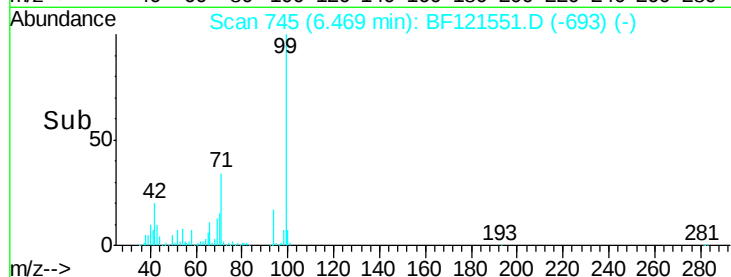


Abundance

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: 54.625 ng

RT: 6.62 min Scan# 771

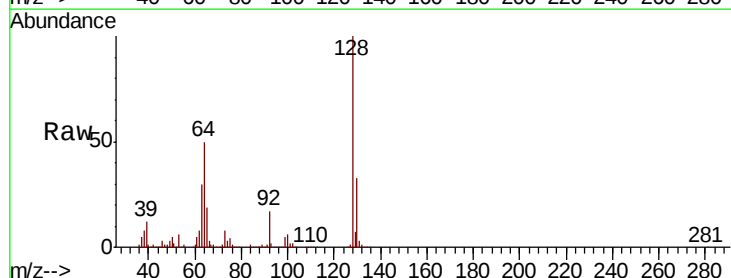
Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion: 128 Resp: 628627

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	49.7	33.1	73.1

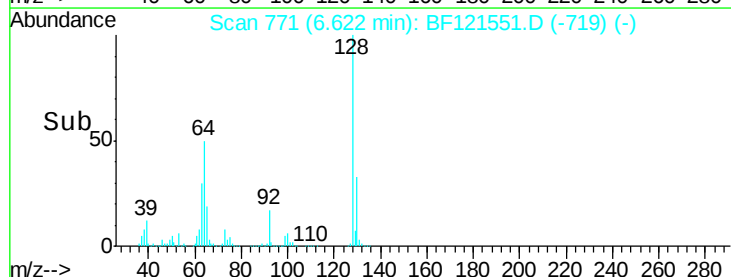


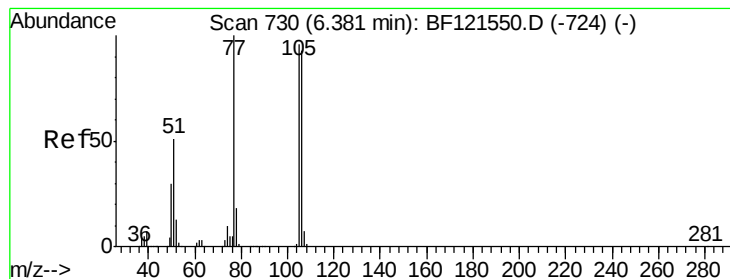
Abundance

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: 63.969 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

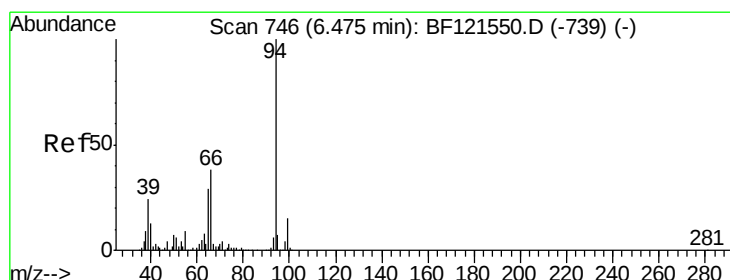
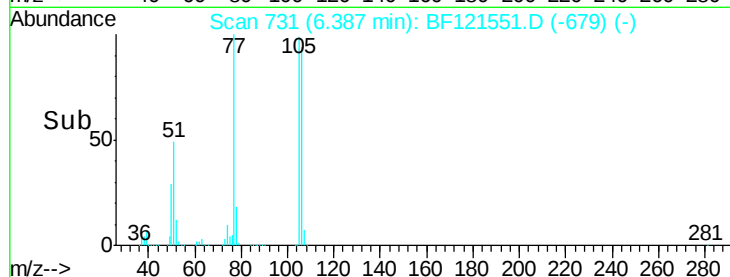
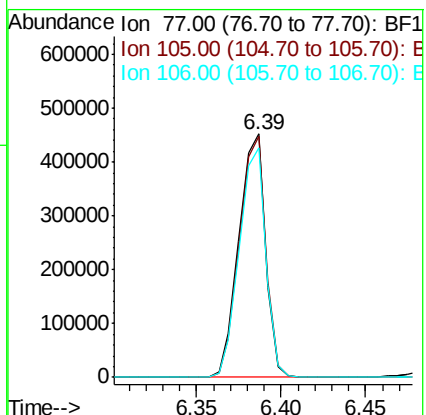
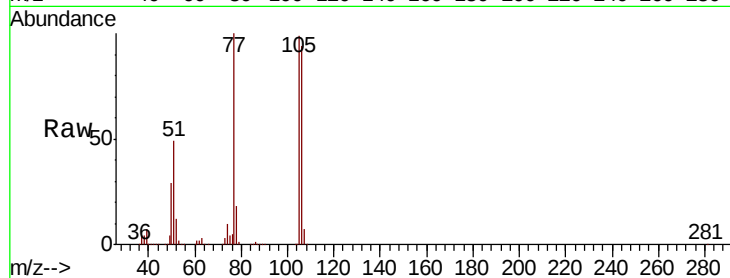
Tot Ion: 77 Resp: 497043

Ion Ratio Lower Upper

77 100

105 98.8 76.4 116.4

106 94.3 73.5 113.5



#10

Phenol

Concen: 54.924 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

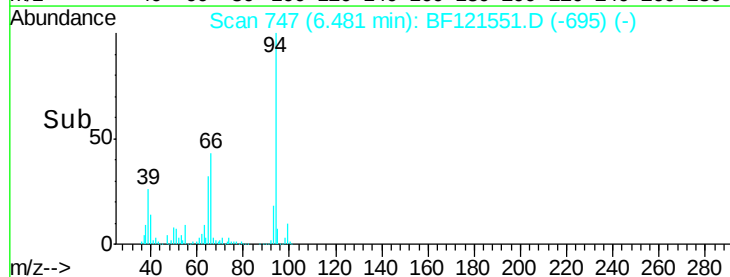
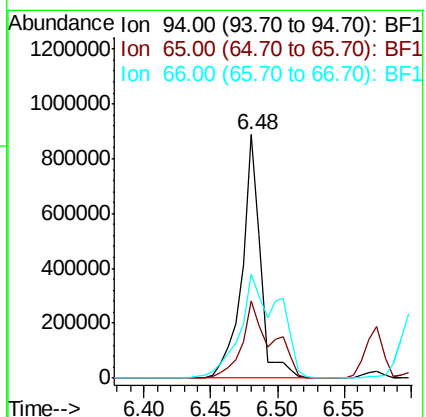
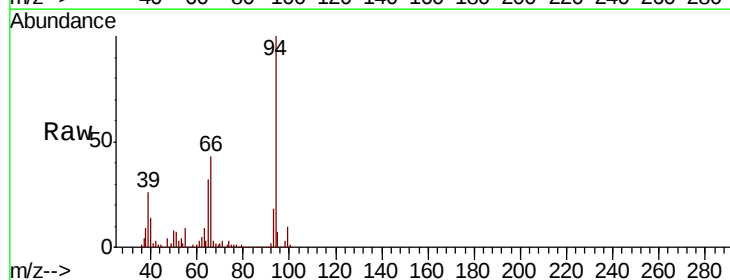
Tgt Ion: 94 Resp: 851370

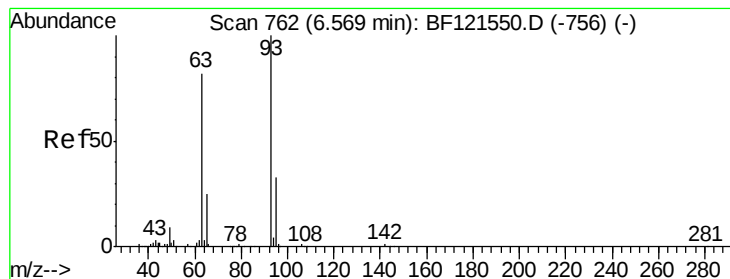
Ion Ratio Lower Upper

94 100

65 31.8 9.4 49.4

66 43.0 18.3 58.3





#11

bis(2-Chloroethyl)ether

Concen: 52.397 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

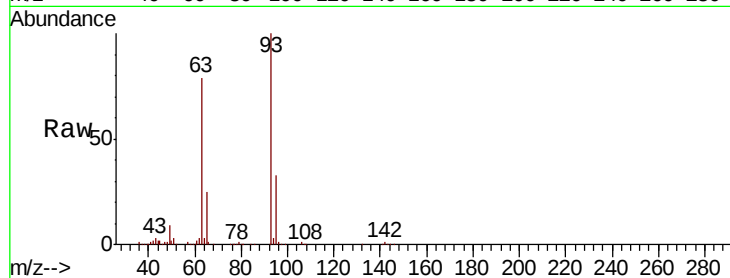
Tot Ion: 93 Resp: 659892

Ion Ratio Lower Upper

93 100

63 79.3 61.7 101.7

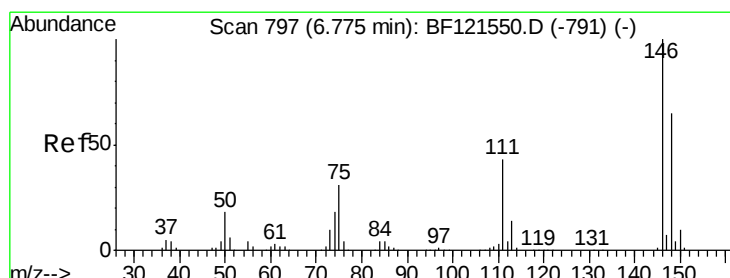
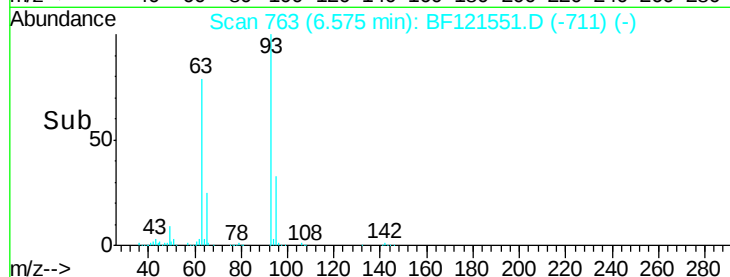
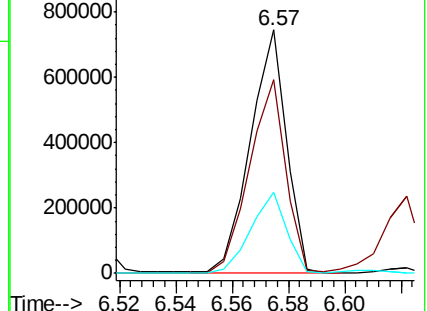
95 33.3 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 50.629 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

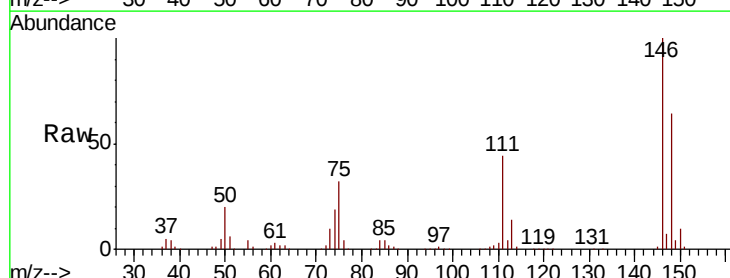
Tgt Ion: 146 Resp: 701527

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

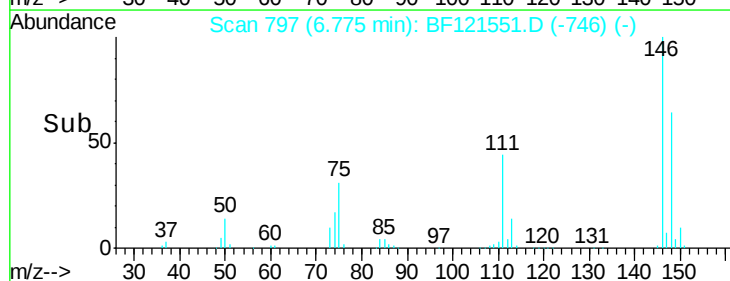
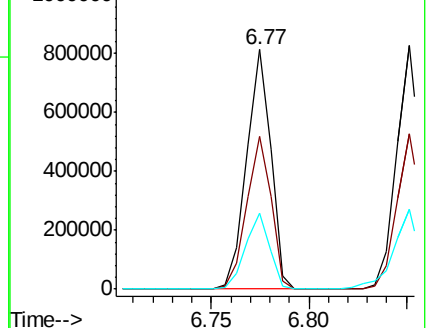
75 31.9 24.6 36.8

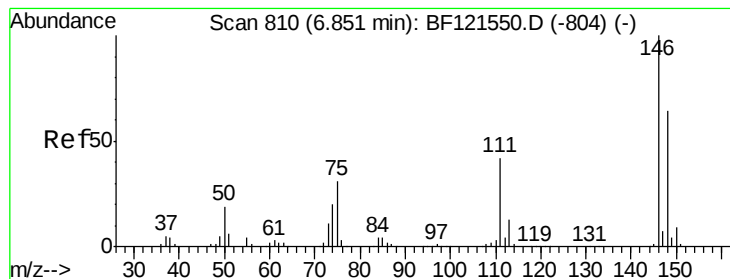


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 50.799 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampled :

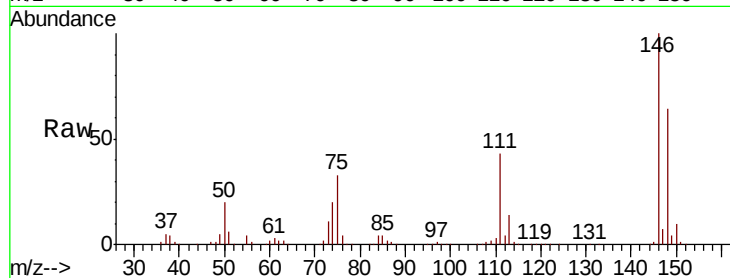
Tot Ion:146 Resp: 705422

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

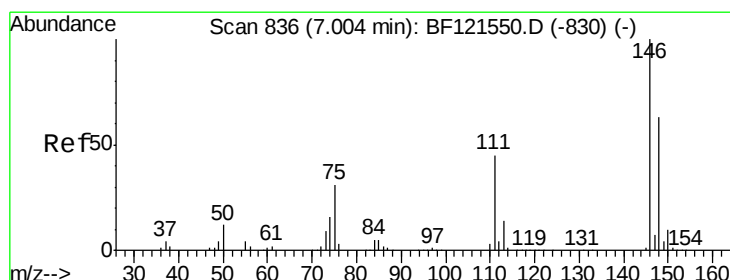
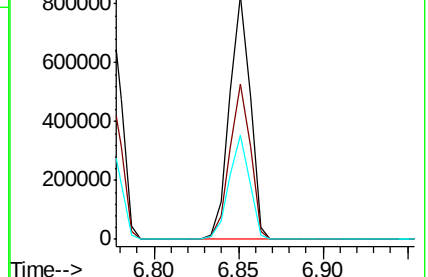
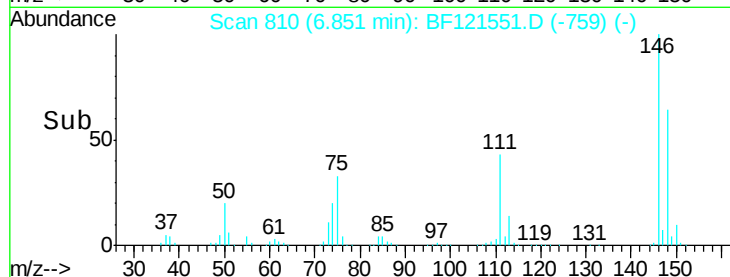
111 42.8 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.314 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

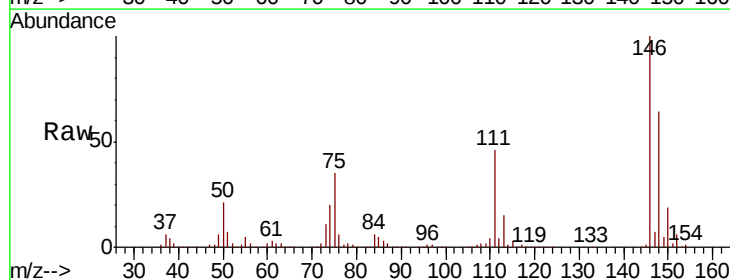
Tgt Ion:146 Resp: 637637

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

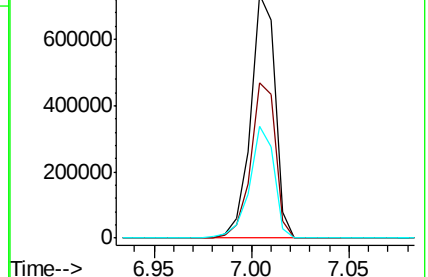
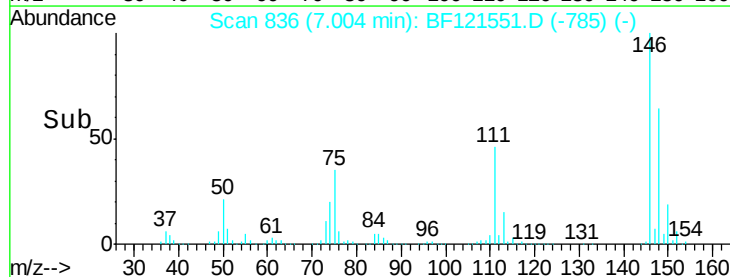
111 46.1 35.8 53.6

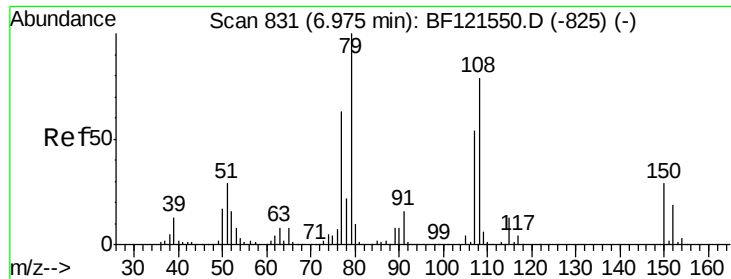


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.005 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

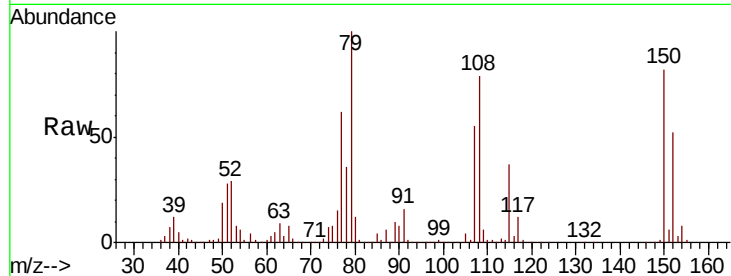
Tot Ion: 79 Resp: 561671

Ion Ratio Lower Upper

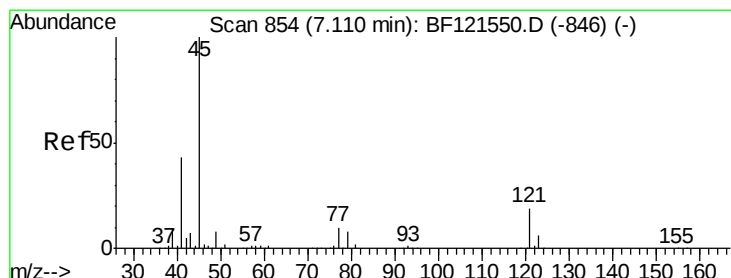
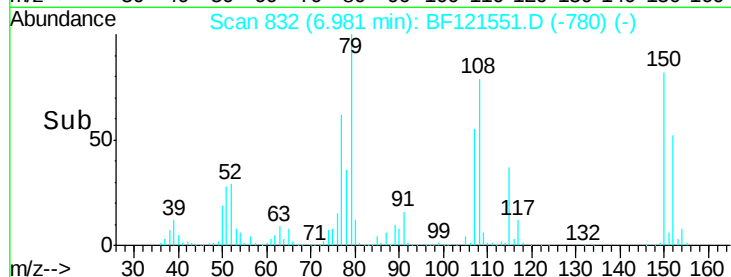
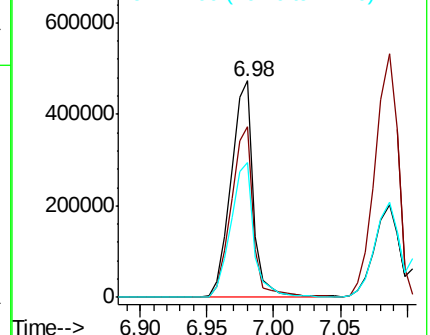
79 100

108 79.0 63.1 94.7

77 62.4 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.068 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

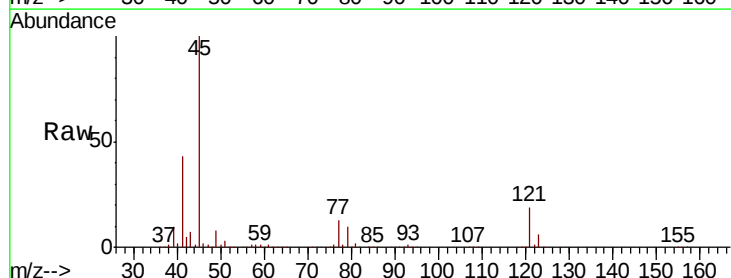
Tgt Ion: 45 Resp: 1064736

Ion Ratio Lower Upper

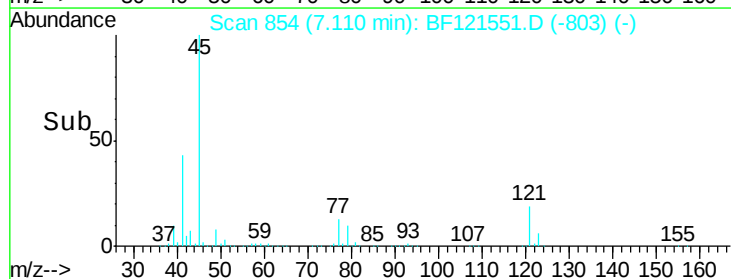
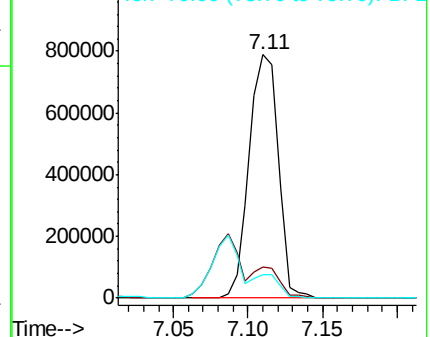
45 100

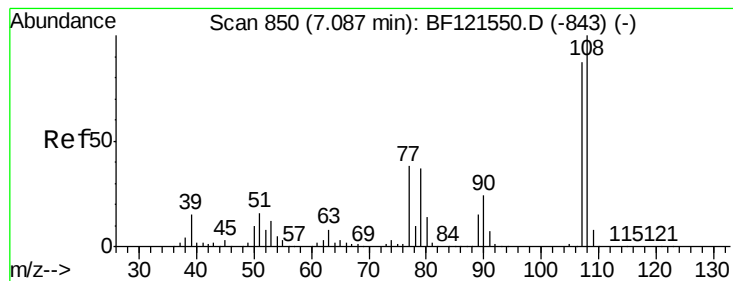
77 12.7 0.0 32.5

79 9.8 0.0 29.8



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

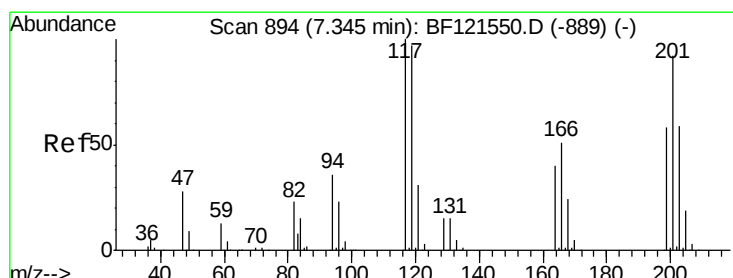
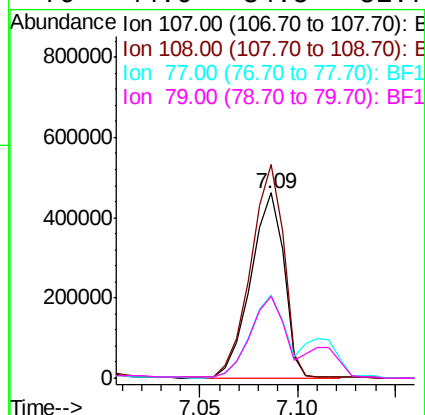
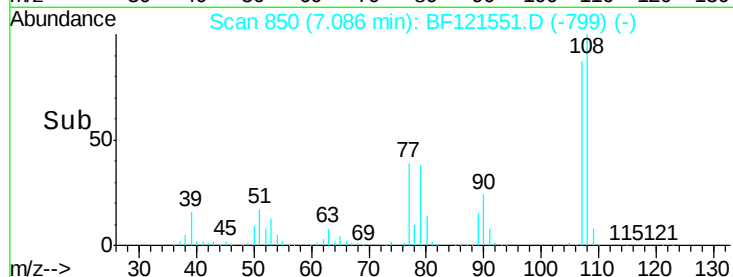
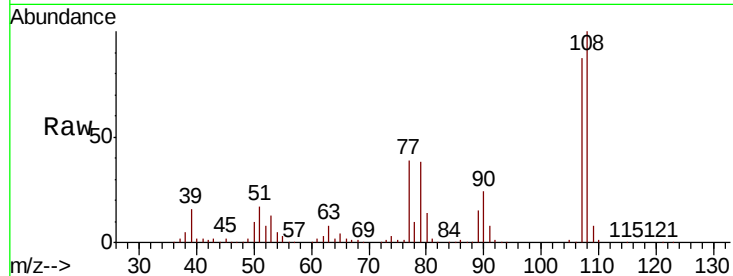




#17
2-Methylphenol
Concen: 54.493 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

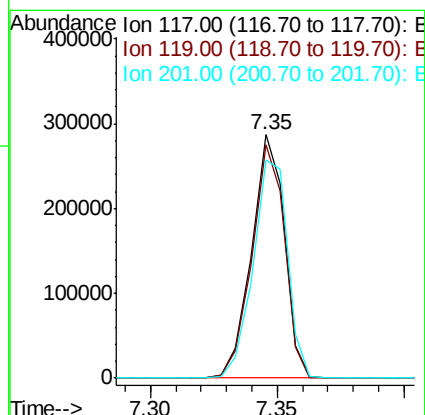
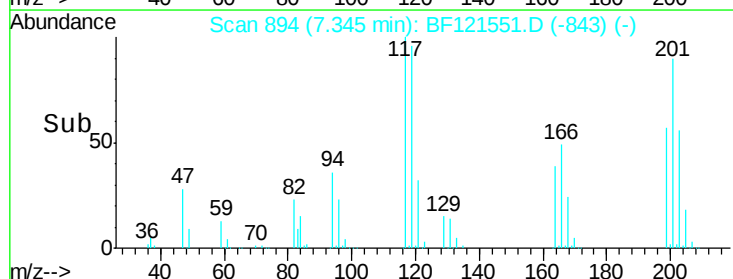
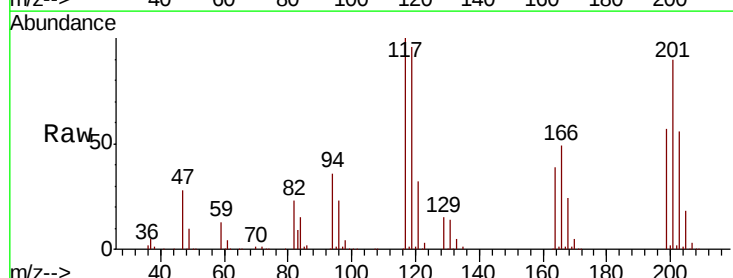
Instrument :
BNA_F
ClientSampleId :

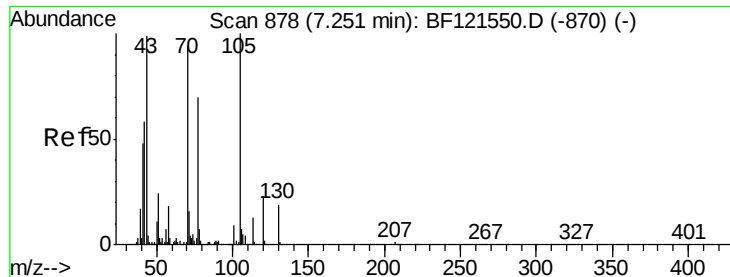
Tot Ion:	107	Resp:	545630
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.1	138.1
77	45.1	35.5	53.3
79	44.0	34.5	51.7



#18
Hexachloroethane
Concen: 54.539 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:	117	Resp:	259192
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.2	115.8
201	89.6	73.7	110.5

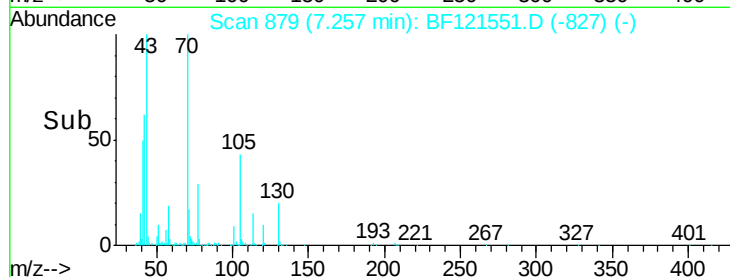
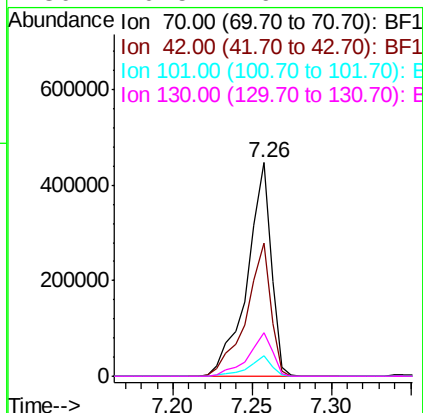
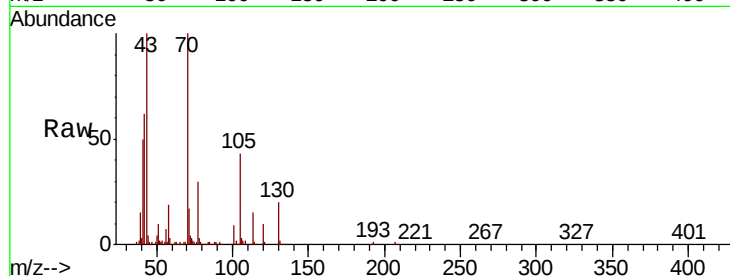




#19
n-Nitroso-di-n-propylamine
Concen: 52.844 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

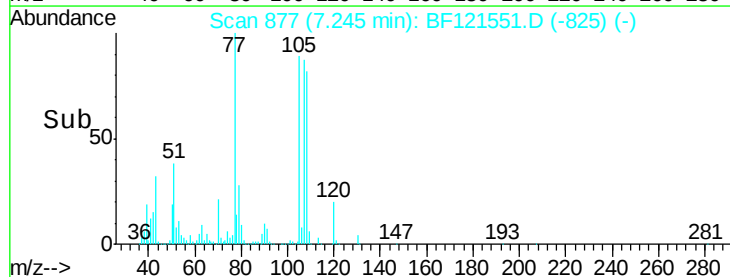
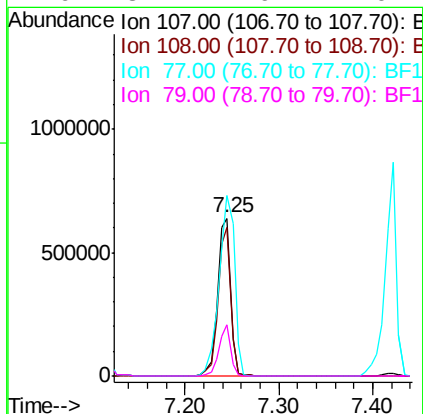
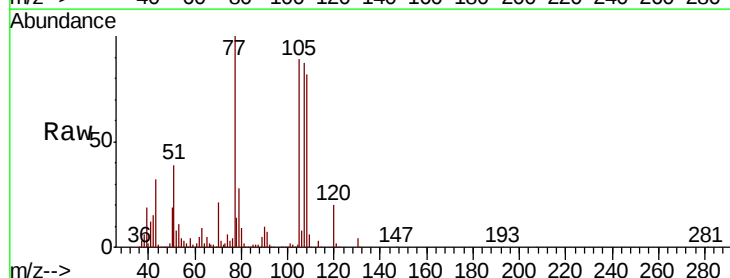
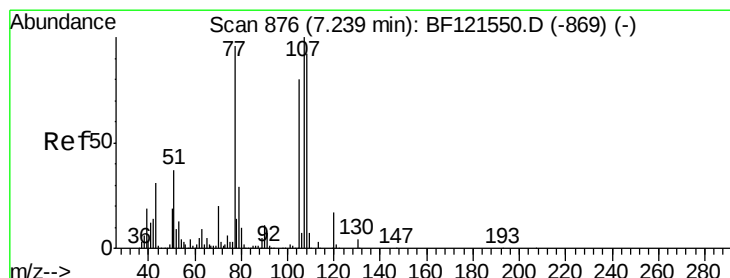
Instrument :
BNA_F
ClientSampleId :

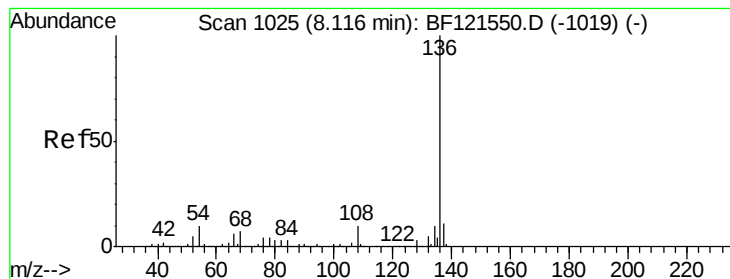
Tot Ion:	70	Resp:	467949
Ion	Ratio	Lower	Upper
70	100		
42	62.2	49.4	74.2
101	9.4	7.6	11.4
130	20.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 51.507 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:	107	Resp:	624102
Ion	Ratio	Lower	Upper
107	100		
108	94.3	71.8	111.8
77	114.9	75.5	115.5
79	32.2	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 703037

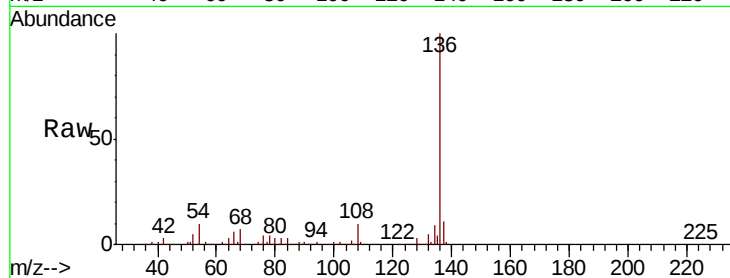
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.6 7.6 11.4

68 7.0 5.7 8.5

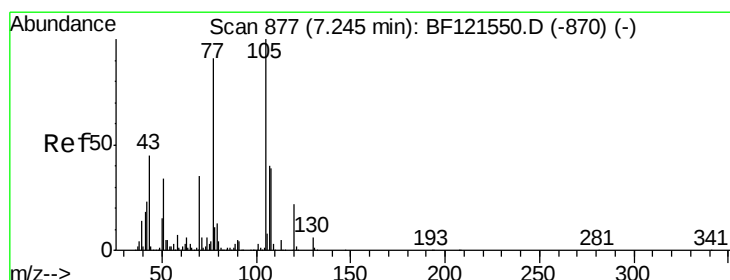
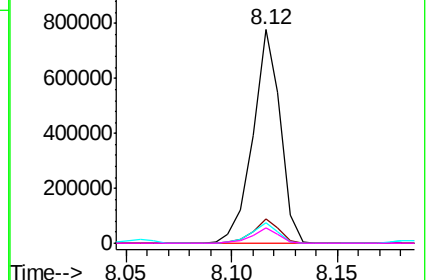
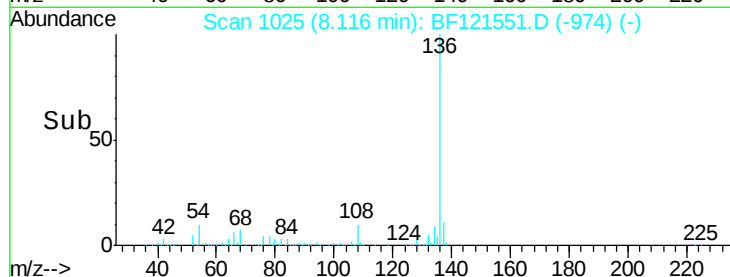


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.587 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion:105 Resp: 841913

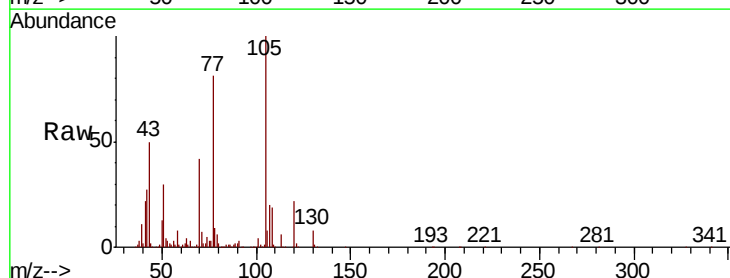
Ion Ratio Lower Upper

105 100

71 7.1 4.6 7.0#

51 29.8 27.6 41.4

120 22.4 17.4 26.2

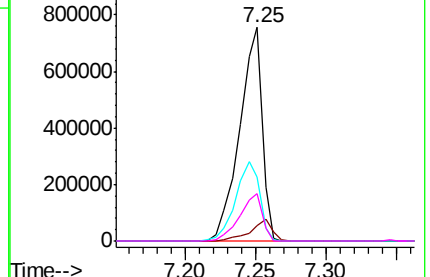
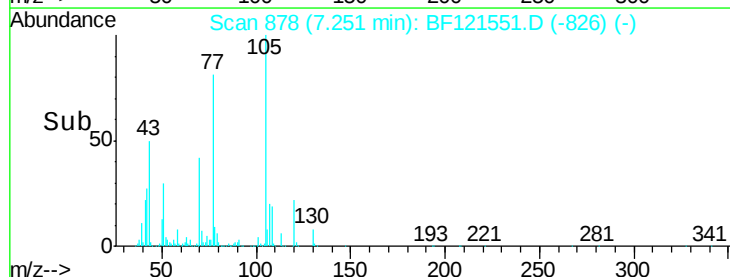


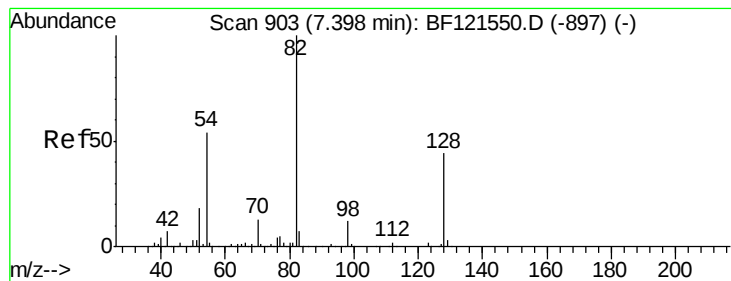
Abundance Ion 105.00 (104.70 to 105.70): E

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: 128.566 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

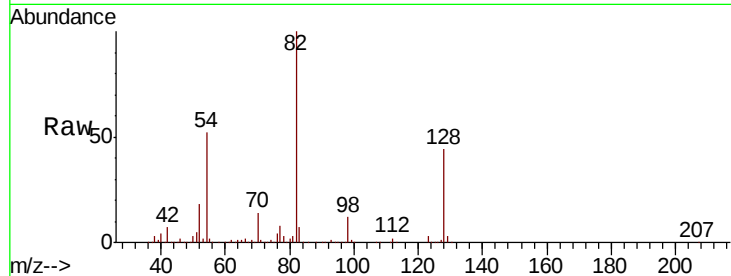
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1322106

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	52.4	43.0	64.6

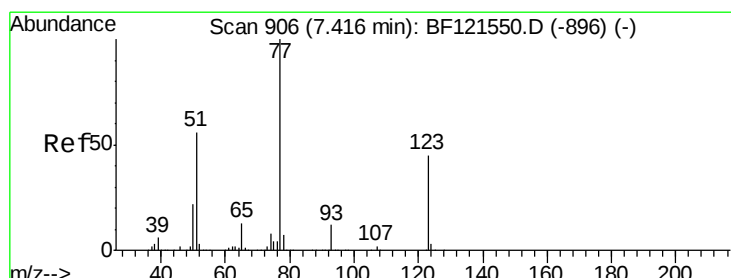
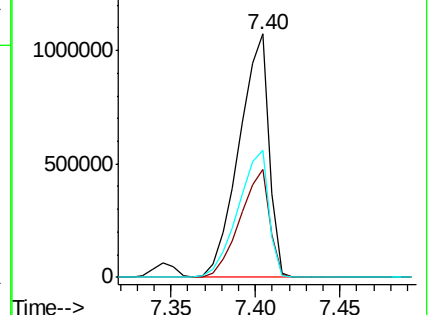
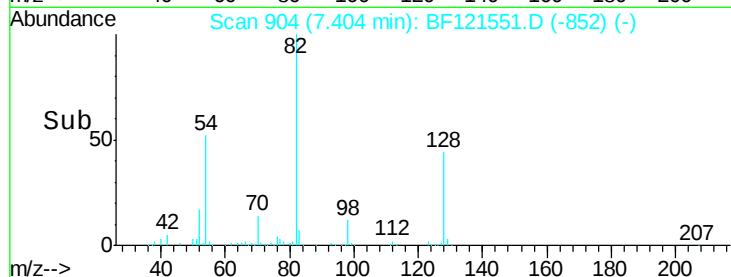


Abundance

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: 68.309 ng

RT: 7.42 min Scan# 907

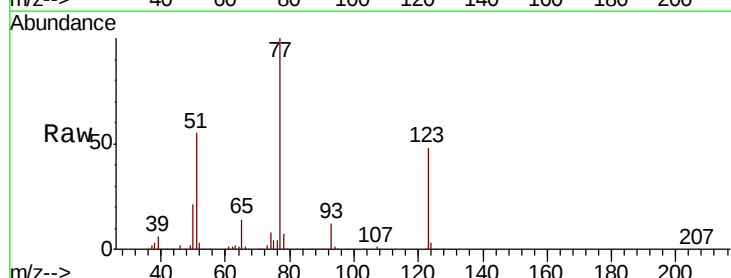
Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion: 77 Resp: 704125

Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.8	53.8
65	13.7	10.7	16.1

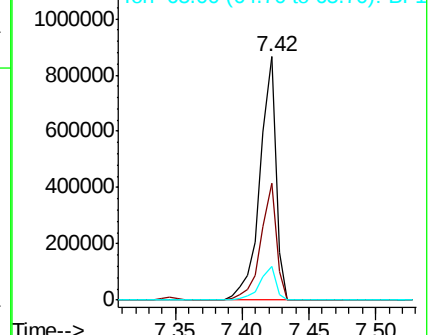
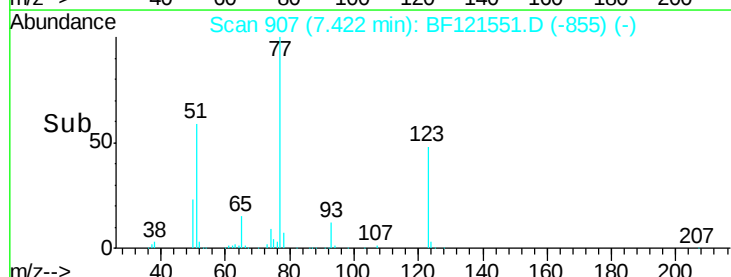


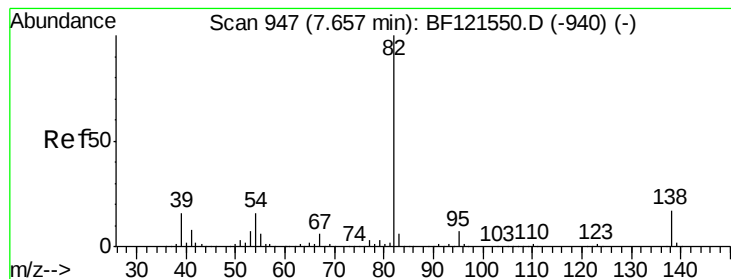
Abundance

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: 56.808 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

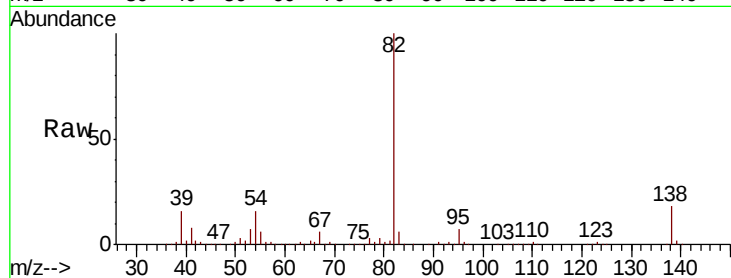
Tot Ion: 82 Resp: 1313974

Ion Ratio Lower Upper

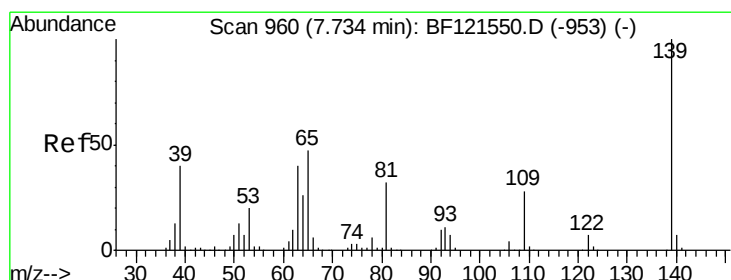
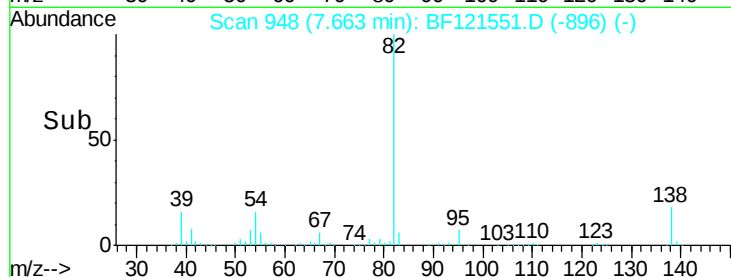
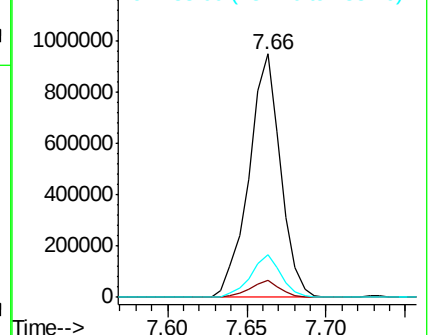
82 100

95 6.9 5.3 7.9

138 17.5 13.7 20.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 94.985 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

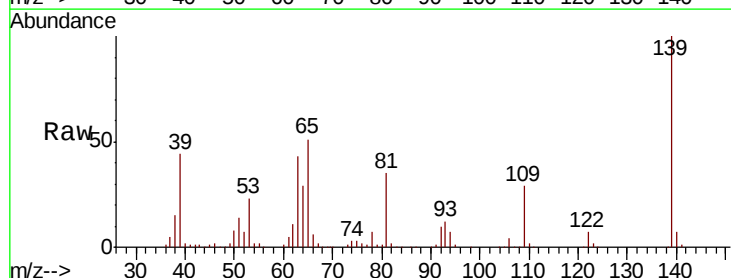
Tgt Ion: 139 Resp: 331012

Ion Ratio Lower Upper

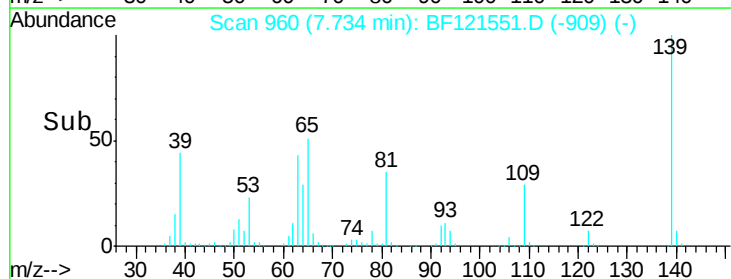
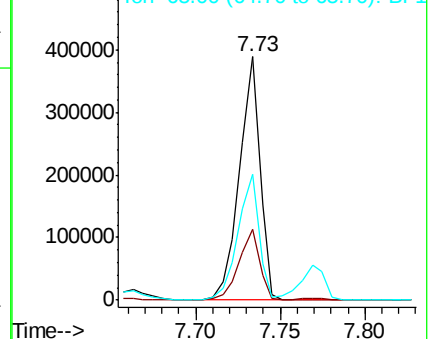
139 100

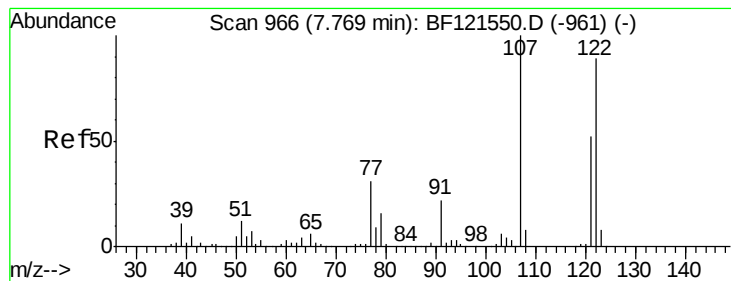
109 29.2 22.4 33.6

65 51.4 37.6 56.4



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





#27

2,4-Dimethylphenol

Concen: 62.993 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

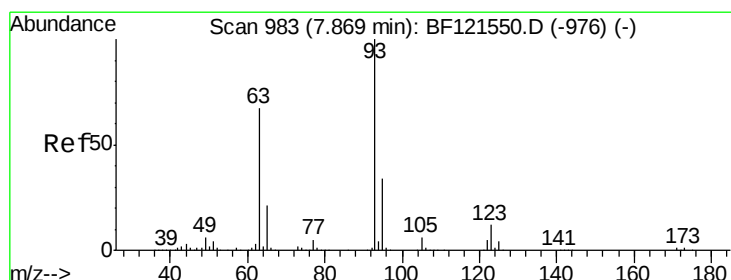
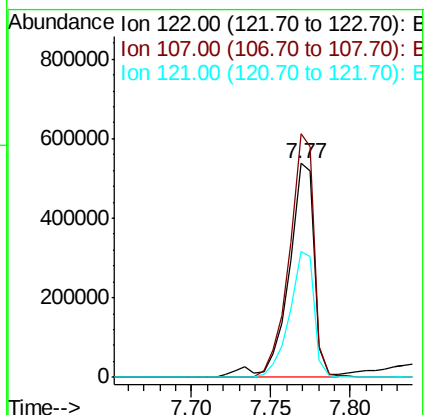
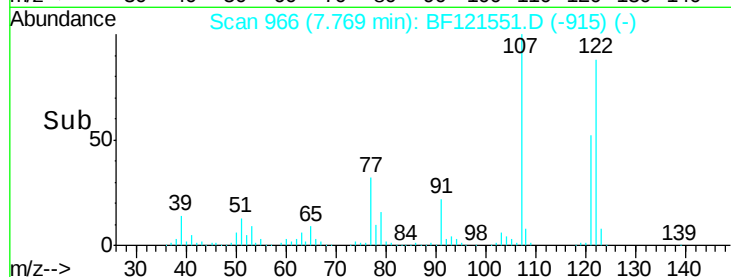
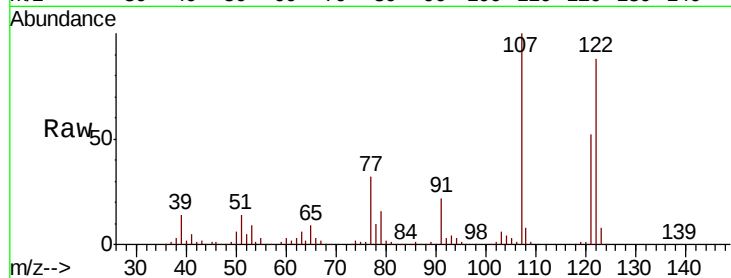
Tot Ion:122 Resp: 604306

Ion Ratio Lower Upper

122 100

107 114.0 89.5 134.3

121 59.1 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.406 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

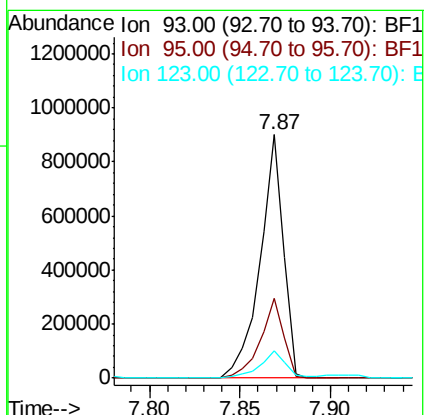
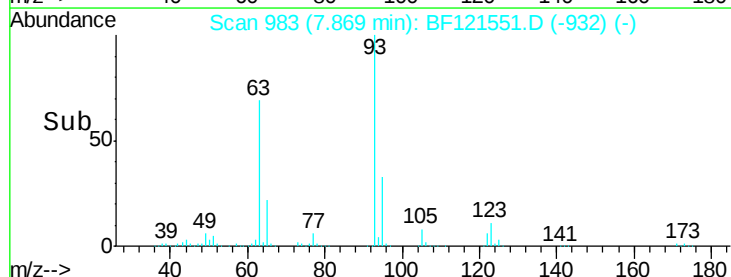
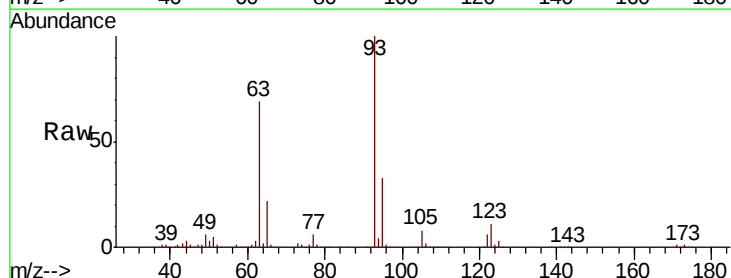
Tgt Ion: 93 Resp: 808533

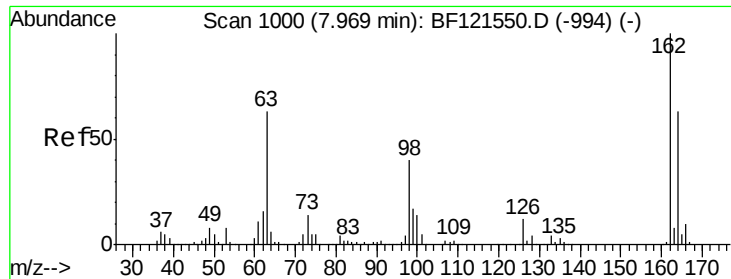
Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

123 11.4 9.7 14.5

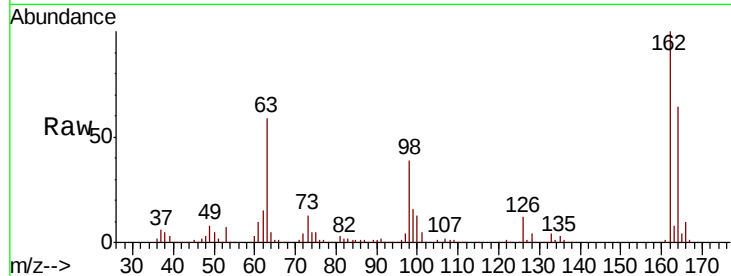




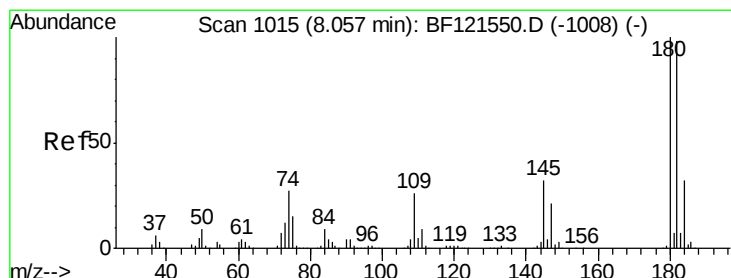
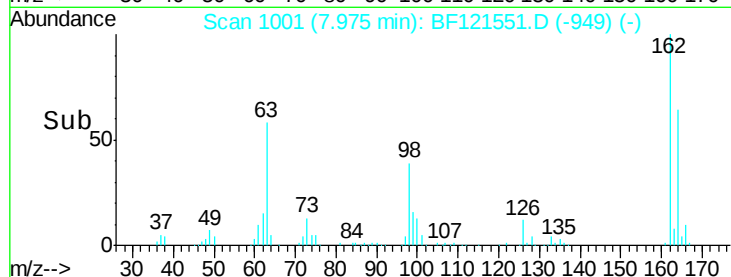
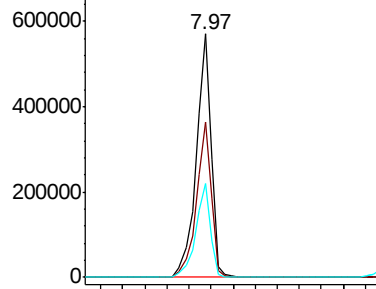
#29
 2,4-Dichlorophenol
 Concen: 56.669 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.5	83.5
98	38.5	20.2	60.2

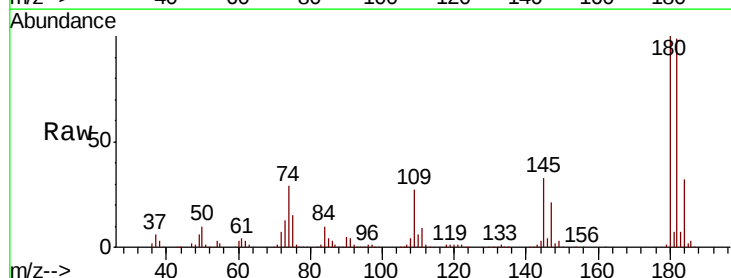


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

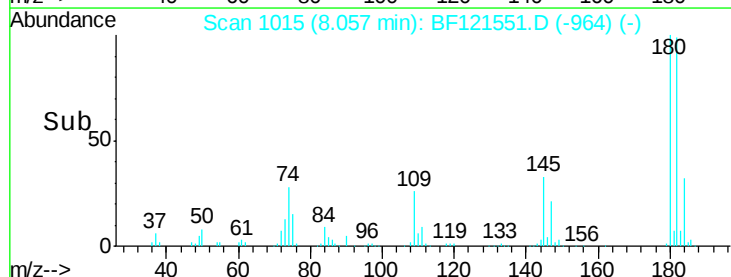
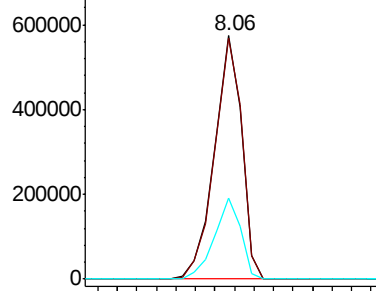


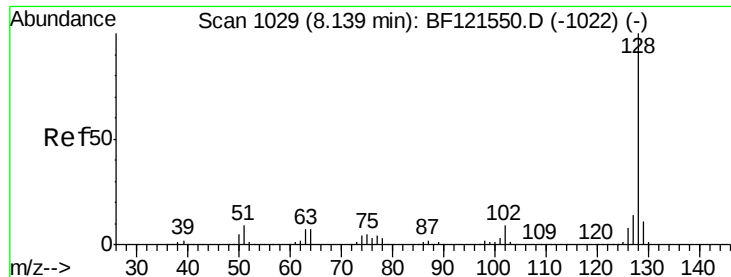
#30
 1,2,4-Trichlorobenzene
 Concen: 47.794 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	78.7	118.1
145	33.3	26.0	39.0



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

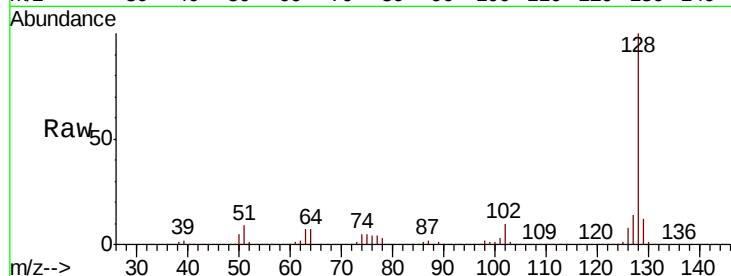




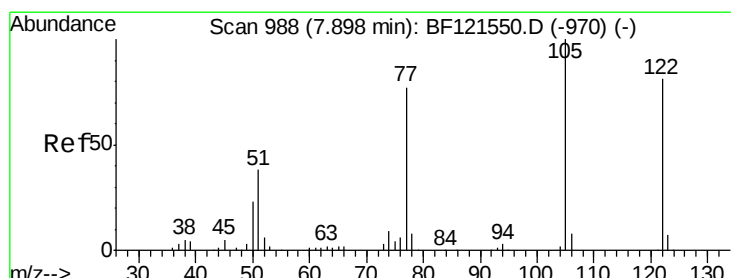
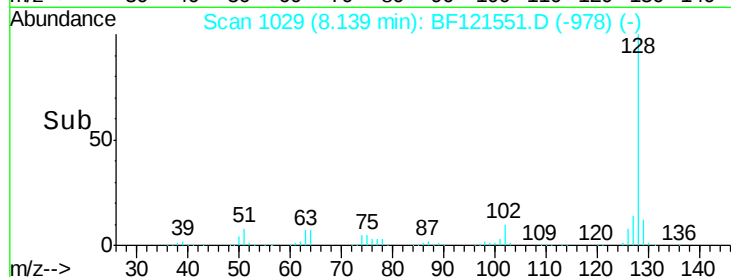
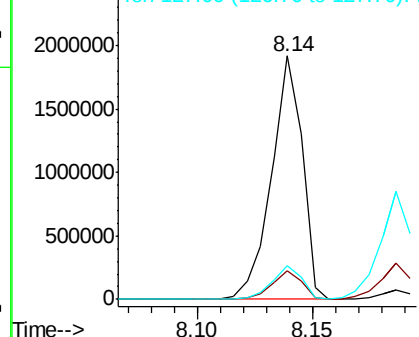
#31
Naphthalene
Concen: 50.829 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1774085
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.0 11.0 16.6

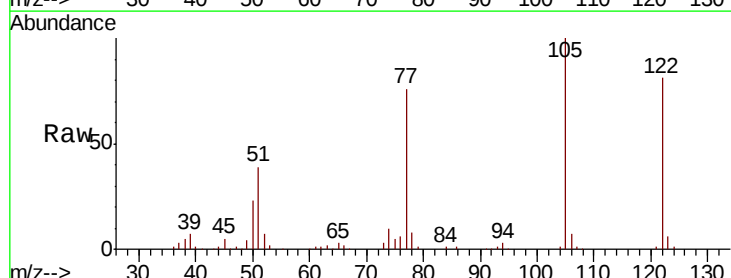


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

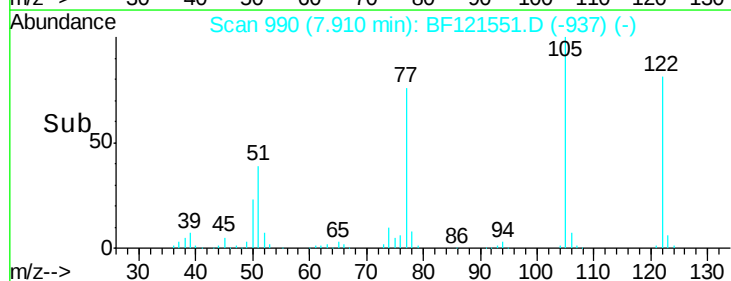
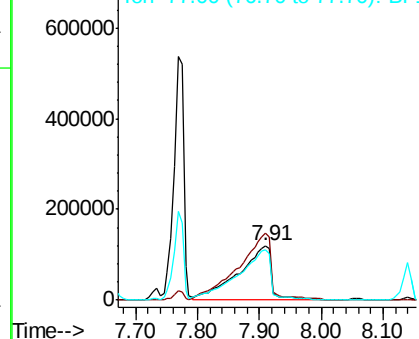


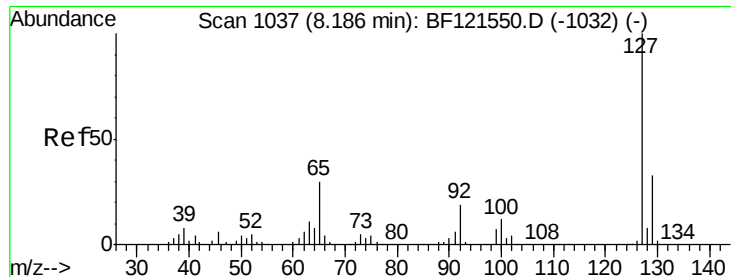
#32
Benzoic acid
Concen: 83.356 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:122 Resp: 442153
Ion Ratio Lower Upper
122 100
105 124.1 100.5 140.5
77 93.7 72.6 112.6



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

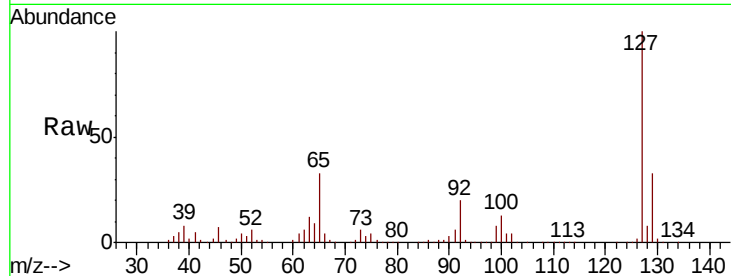




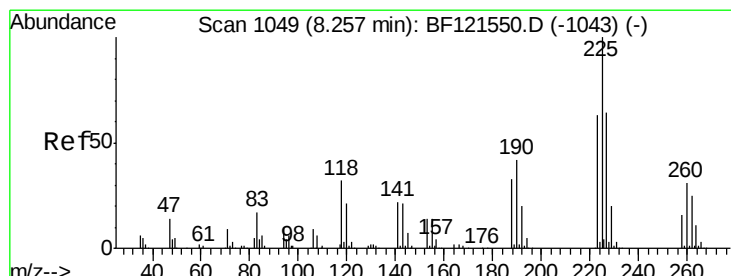
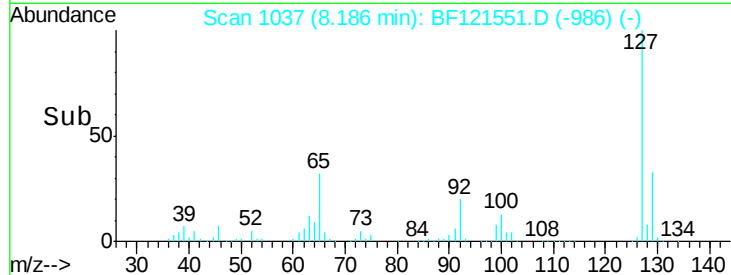
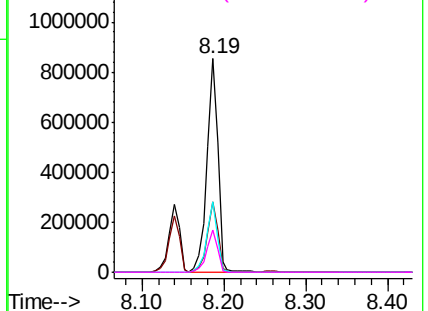
#33
4-Chloroaniline
Concen: 50.885 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	791032
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	32.8	24.4	36.6
92	20.0	15.4	23.2

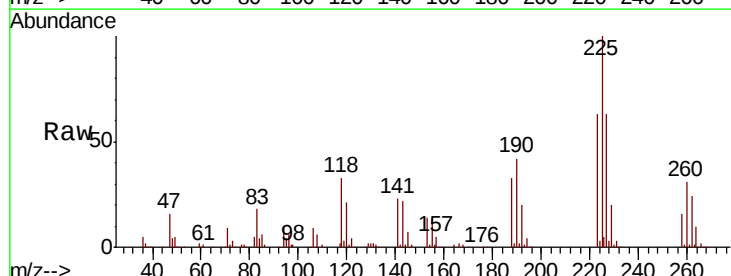


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

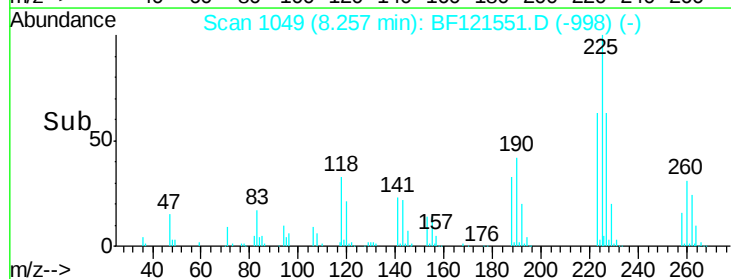
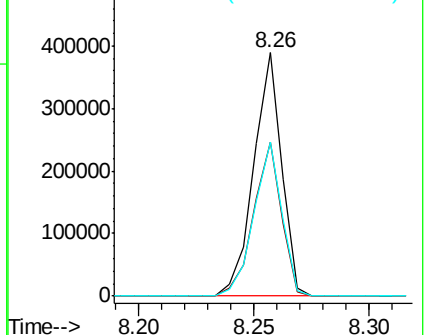


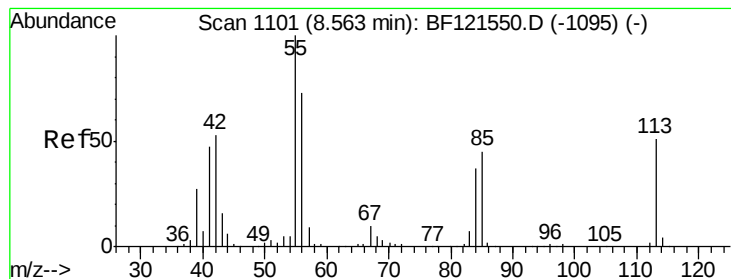
#34
Hexachlorobutadiene
Concen: 47.658 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:	225	Resp:	328860
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.2
227	63.0	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: 49.043 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

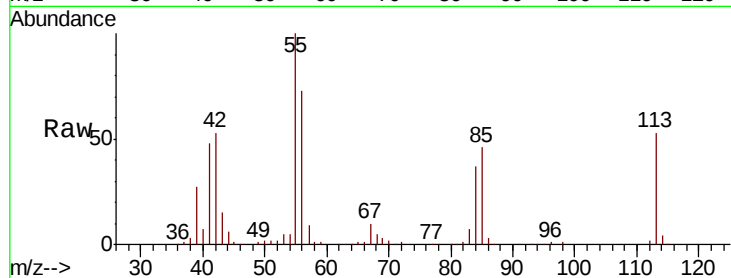
Tot Ion:113 Resp: 151511

Ion Ratio Lower Upper

113 100

55 190.1 176.2 216.2

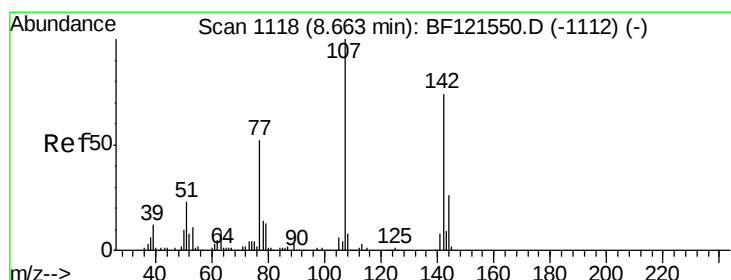
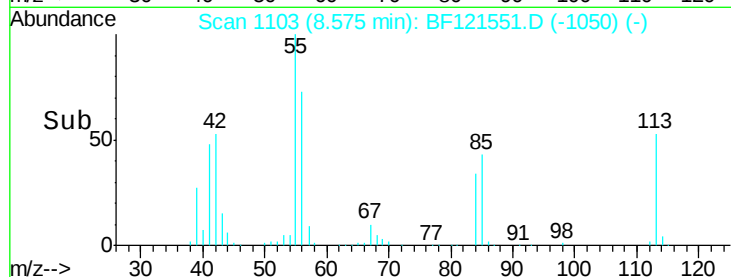
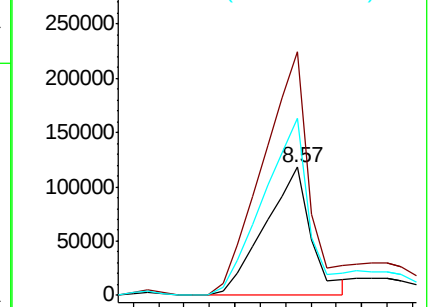
56 137.9 123.9 163.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 57.421 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

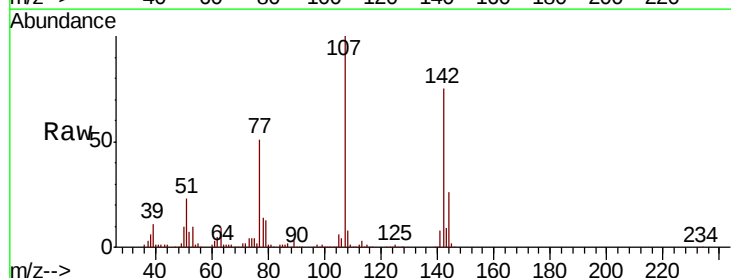
Tgt Ion:107 Resp: 573453

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

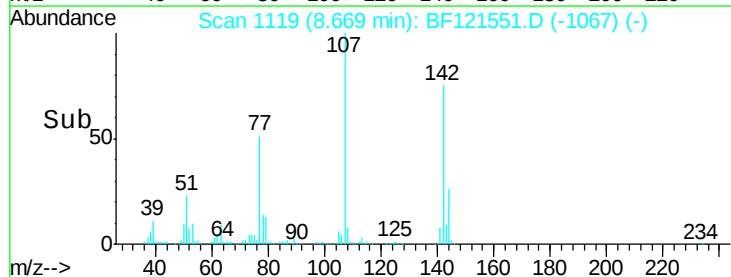
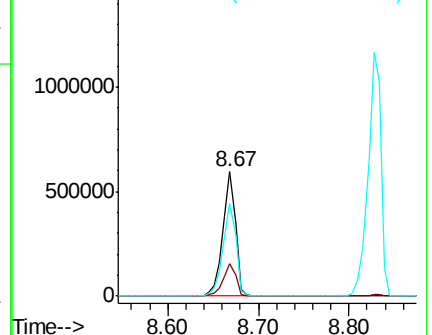
142 75.0 59.5 89.3

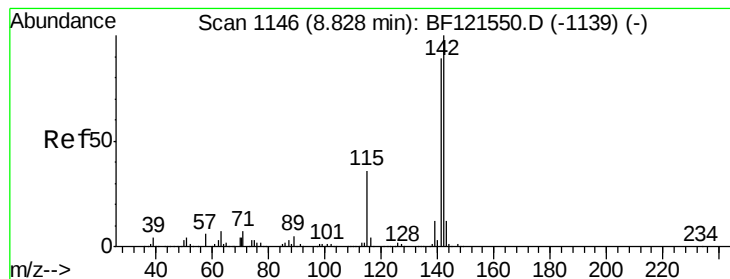


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.365 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

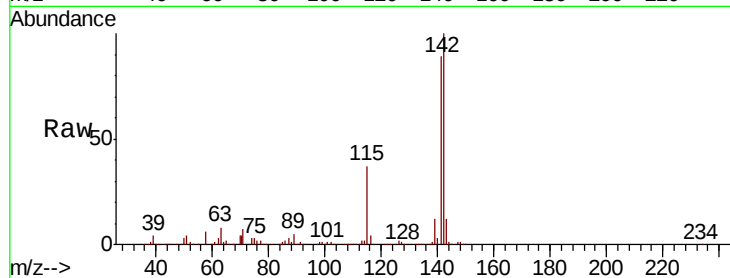
Tot Ion:142 Resp: 1164688

Ion Ratio Lower Upper

142 100

141 89.3 71.5 107.3

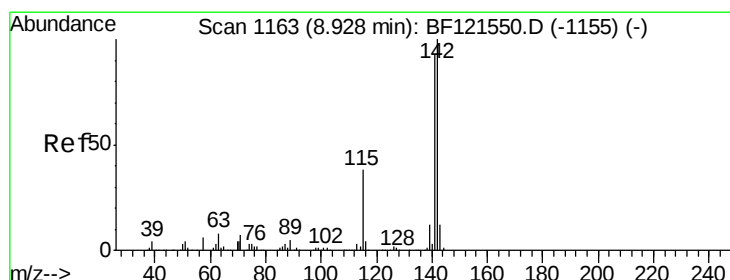
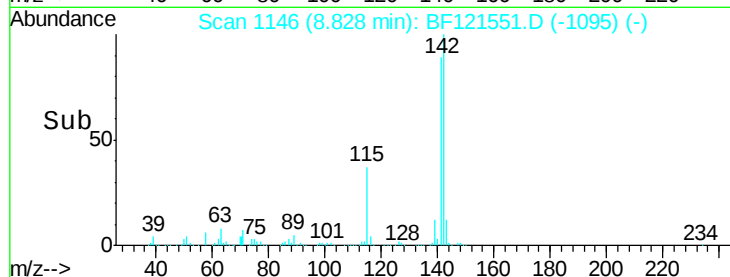
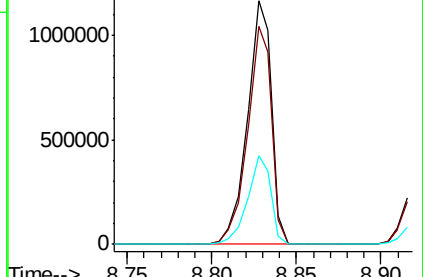
115 36.7 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.807 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

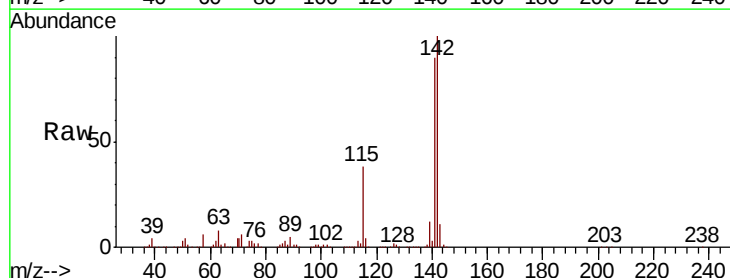
Tgt Ion:142 Resp: 1087585

Ion Ratio Lower Upper

142 100

141 90.5 74.8 112.2

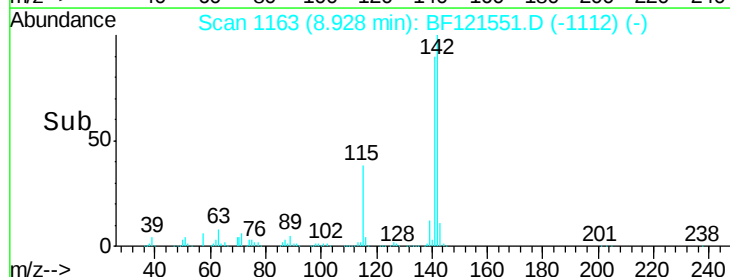
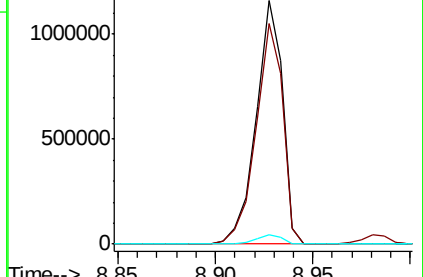
116 3.9 3.0 4.6

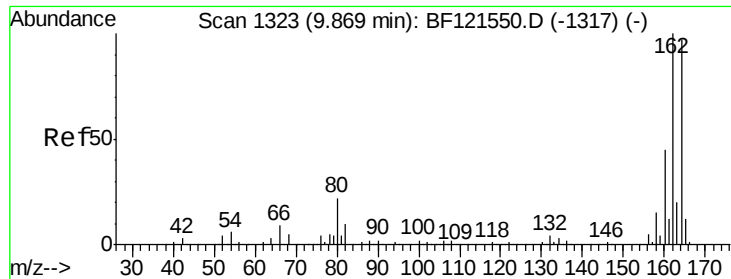


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

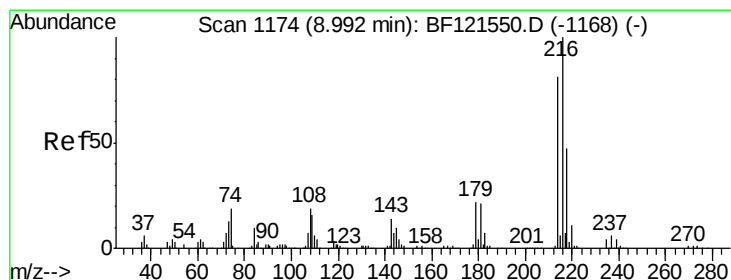
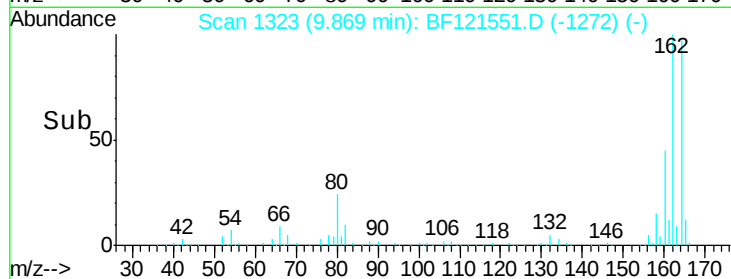
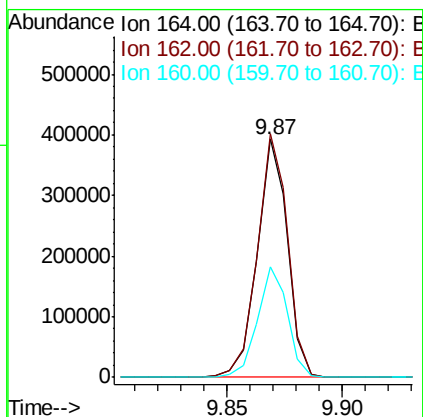
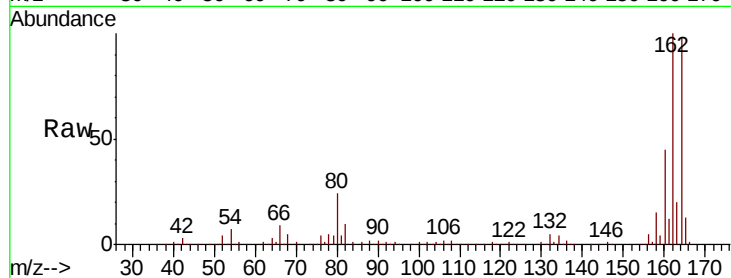




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

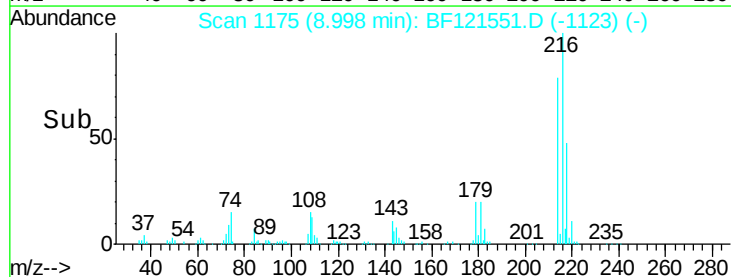
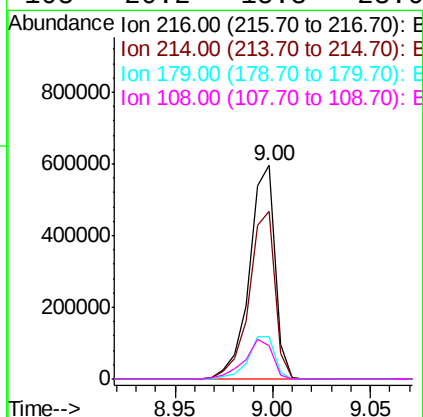
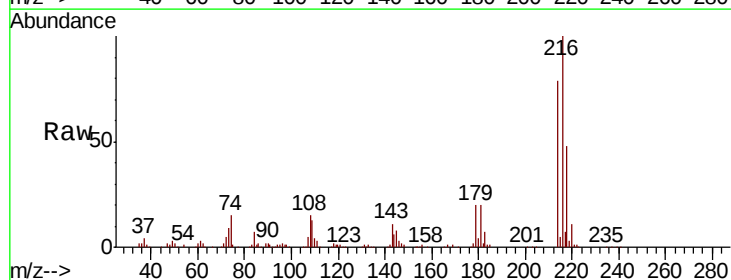
Instrument :
BNA_F
ClientSampleId :

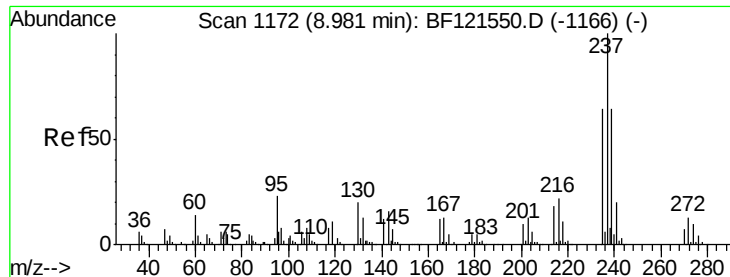
Tot Ion:164 Resp: 357243
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 46.2 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.169 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:216 Resp: 541874
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 20.9 16.6 25.0
108 20.2 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 77.110 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

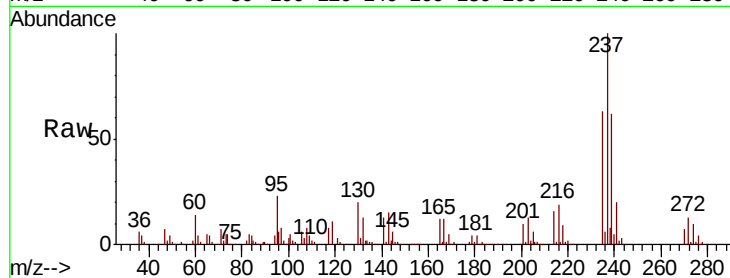
Tot Ion:237 Resp: 343390

Ion Ratio Lower Upper

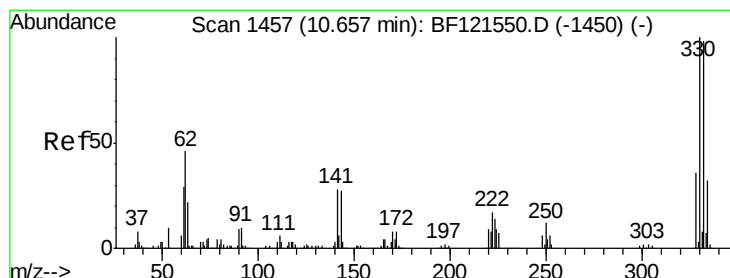
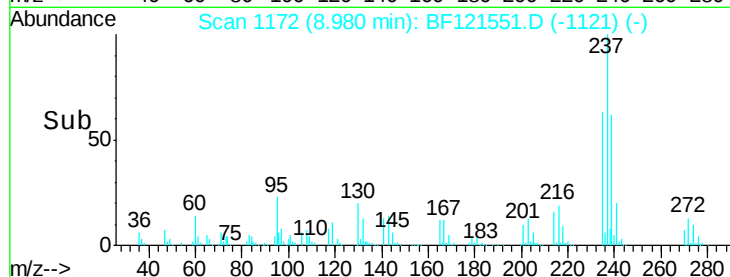
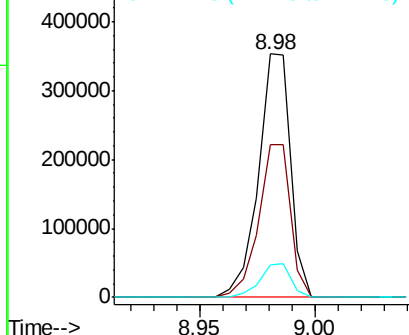
237 100

235 63.0 44.0 84.0

272 13.2 0.0 33.4



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: 126.366 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

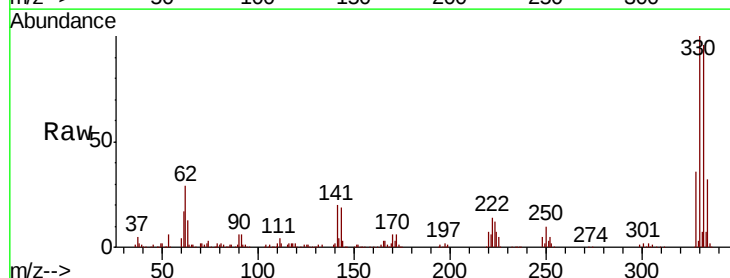
Tgt Ion:330 Resp: 455973

Ion Ratio Lower Upper

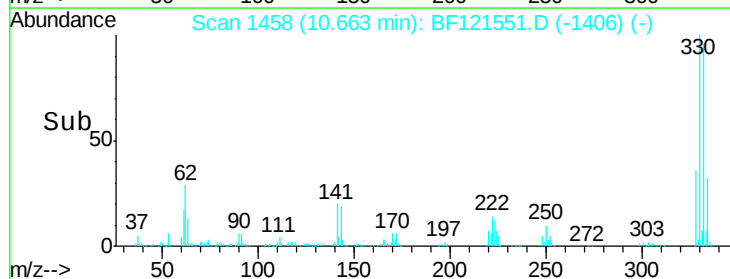
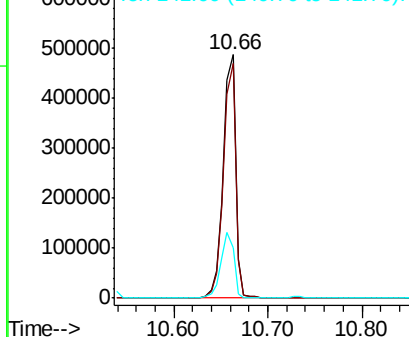
330 100

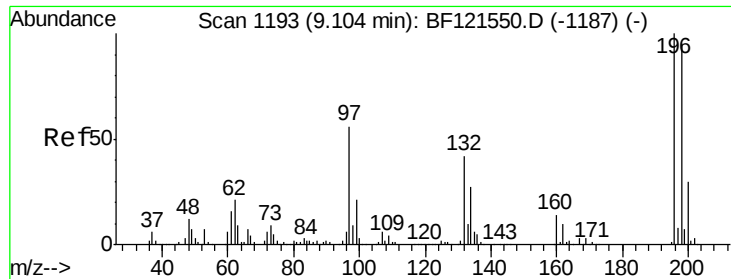
332 95.1 77.1 115.7

141 28.2 23.6 35.4



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

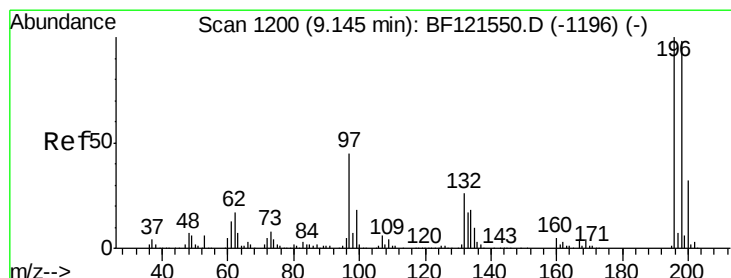
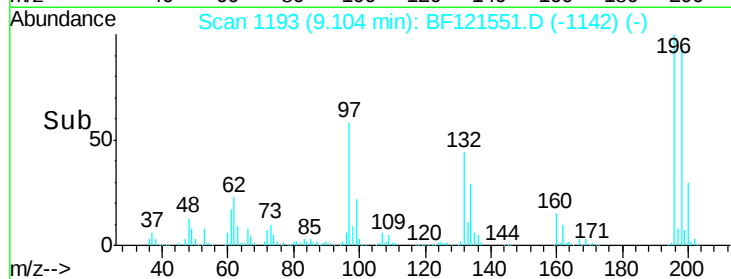
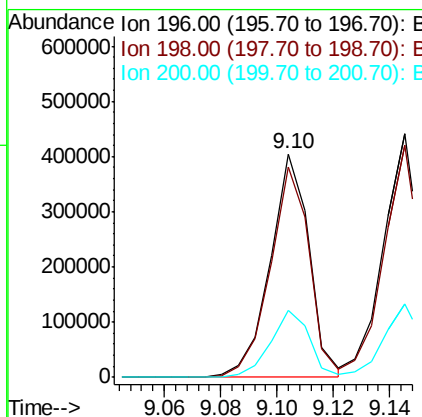
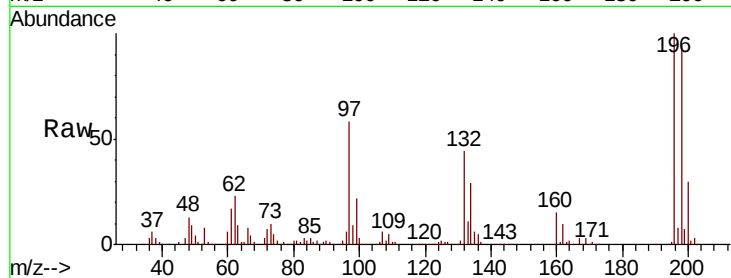




#43
 2,4,6-Trichlorophenol
 Concen: 57.823 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

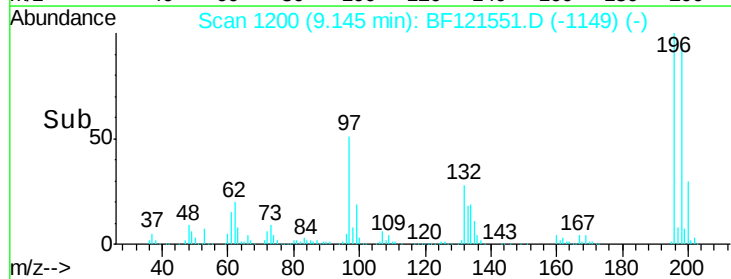
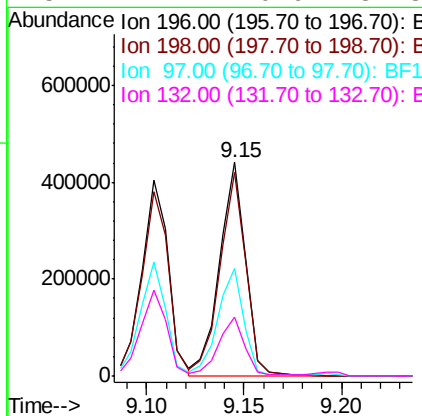
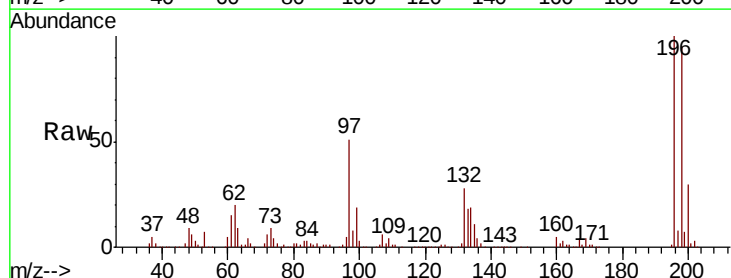
Instrument :
 BNA_F
 ClientSampled :

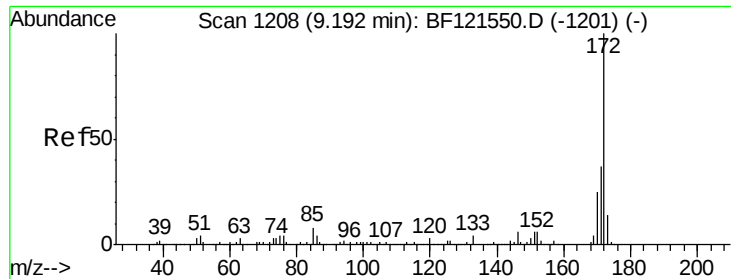
Tot Ion	196	Resp	387028
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.6	113.4
200	30.1	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 61.390 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	196	Resp	406324
Ion Ratio	Lower	Upper	
196	100		
198	95.5	78.1	117.1
97	50.6	36.8	55.2
132	27.7	20.9	31.3

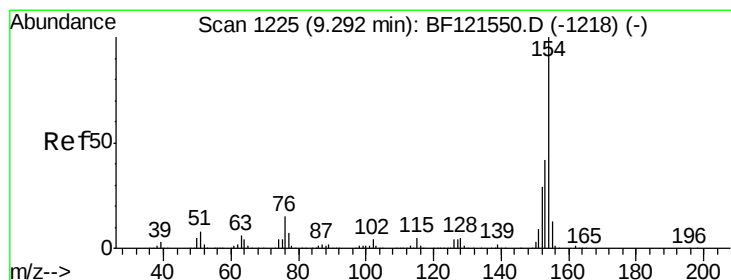
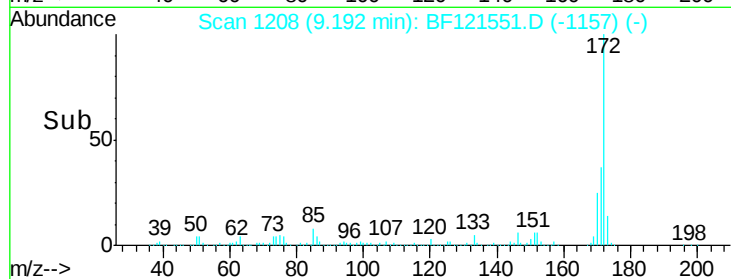
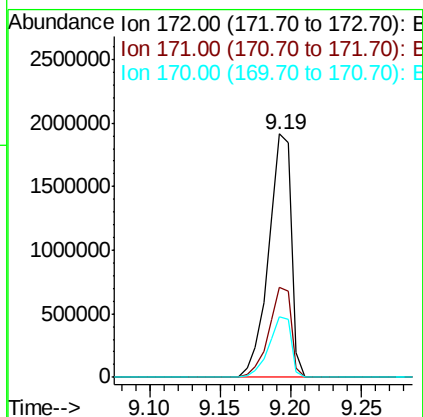
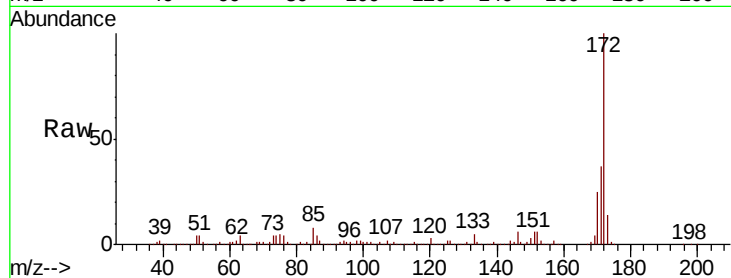




#45
2-Fluorobiphenyl
Concen: 97.604 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

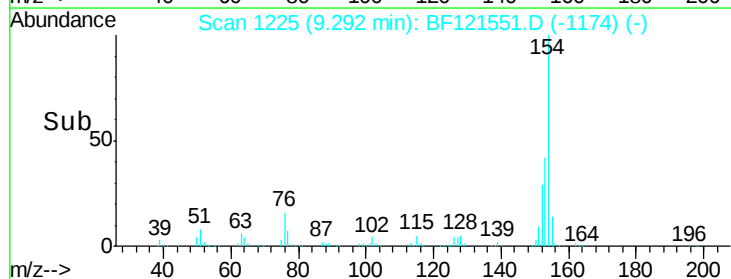
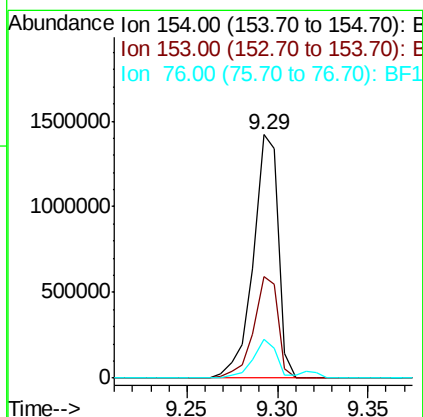
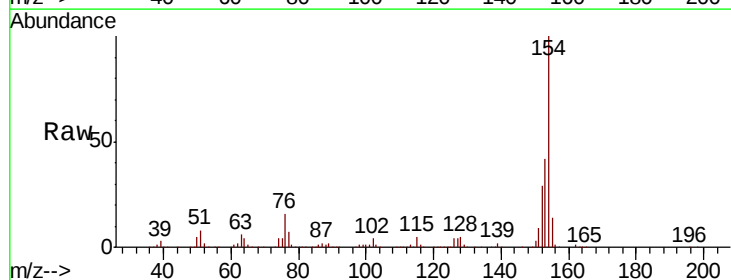
Instrument :
BNA_F
ClientSampled :

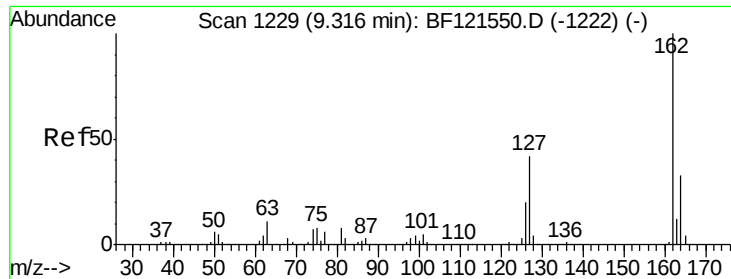
Tot Ion:172 Resp: 2160993
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.7 19.8 29.8



#46
1,1'-Biphenyl
Concen: 50.444 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:154 Resp: 1359863
Ion Ratio Lower Upper
154 100
153 41.6 21.7 61.7
76 15.7 0.0 35.5

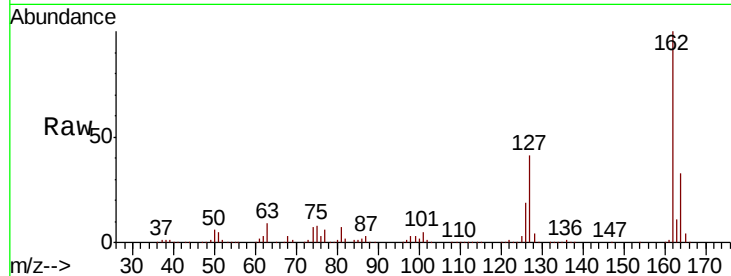




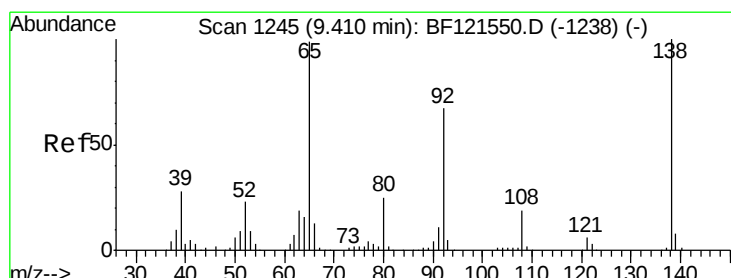
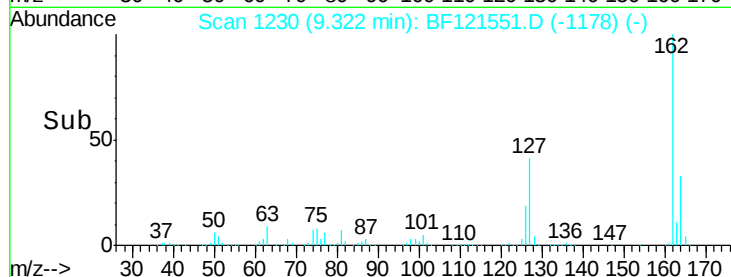
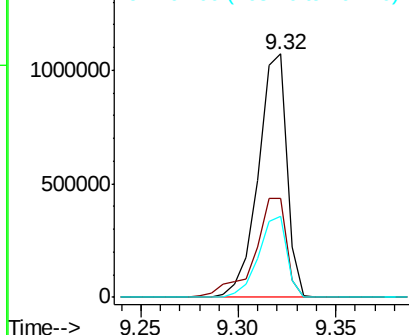
#47
2-Chloronaphthalene
Concen: 49.091 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1087752
Ion Ratio Lower Upper
162 100
127 40.8 33.9 50.9
164 33.4 26.7 40.1

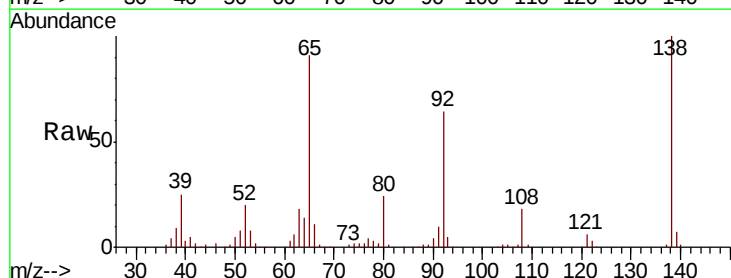


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

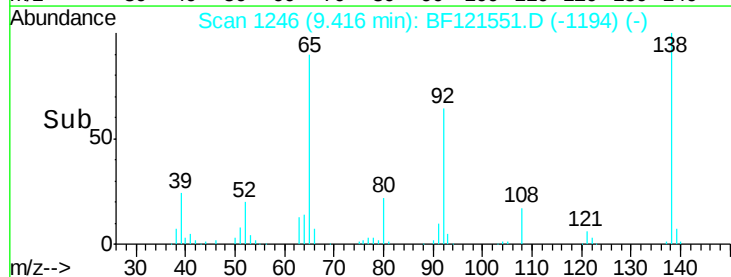
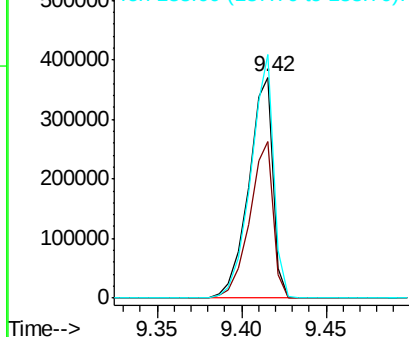


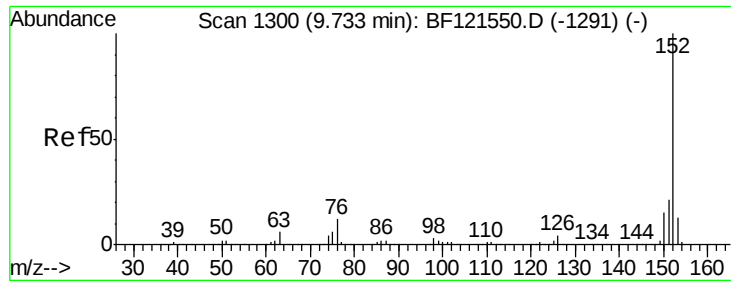
#48
2-Nitroaniline
Concen: 77.665 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion: 65 Resp: 374095
Ion Ratio Lower Upper
65 100
92 70.8 54.2 81.4
138 110.3 80.8 121.2



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





#49

Acenaphthylene

Concen: 49.937 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

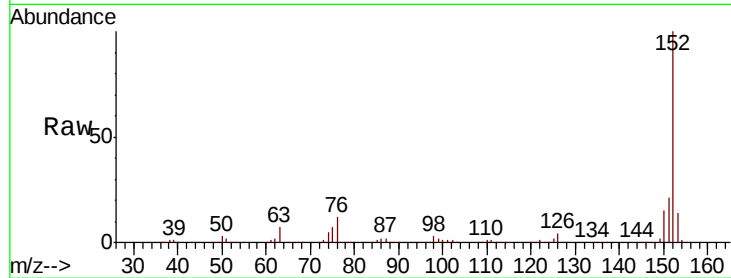
Tot Ion:152 Resp: 1659704

Ion Ratio Lower Upper

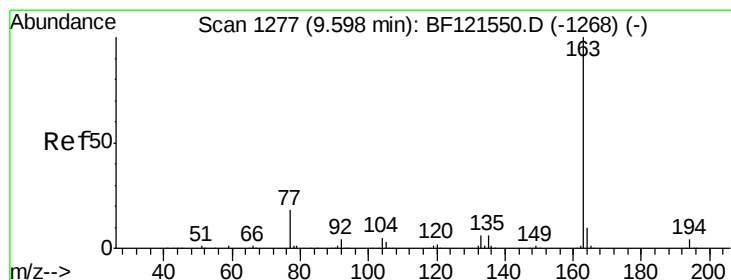
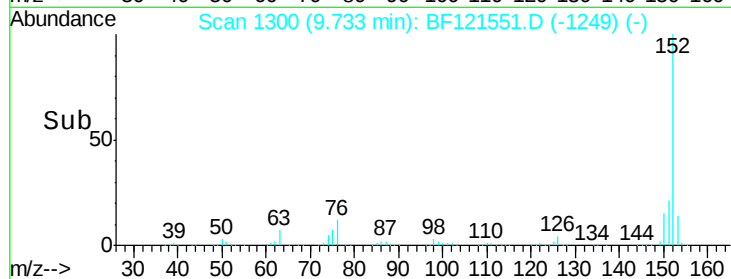
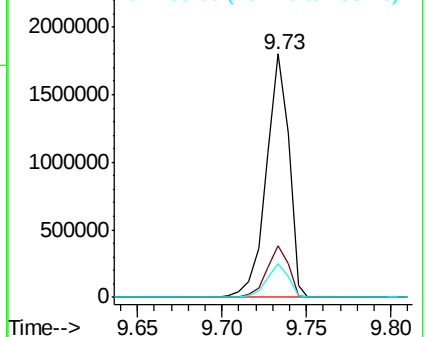
152 100

151 21.1 16.6 24.8

153 14.0 10.7 16.1



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: 51.444 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

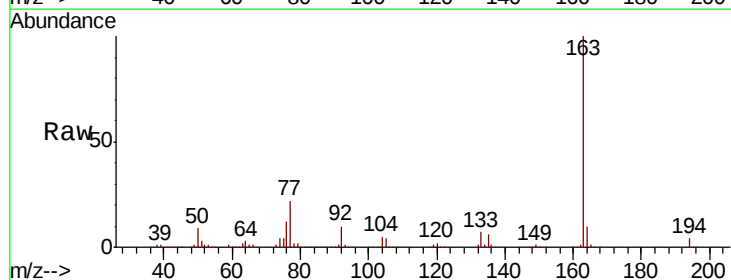
Tgt Ion:163 Resp: 1262410

Ion Ratio Lower Upper

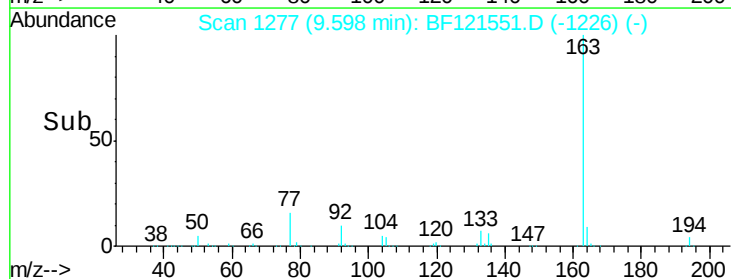
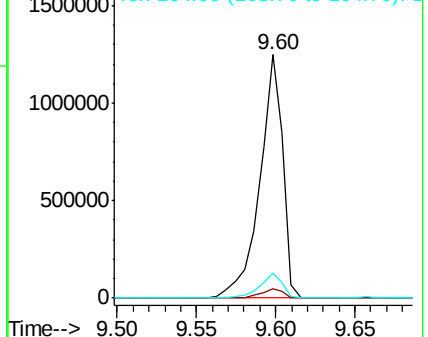
163 100

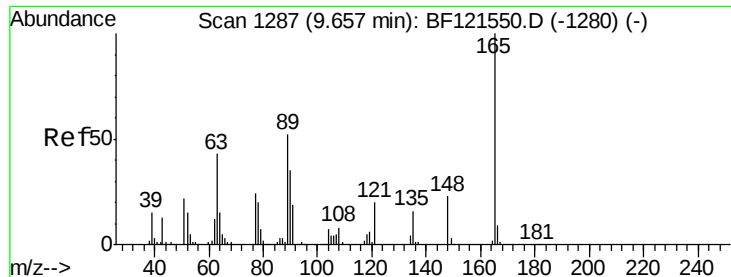
194 4.0 3.4 5.0

164 10.4 7.9 11.9



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

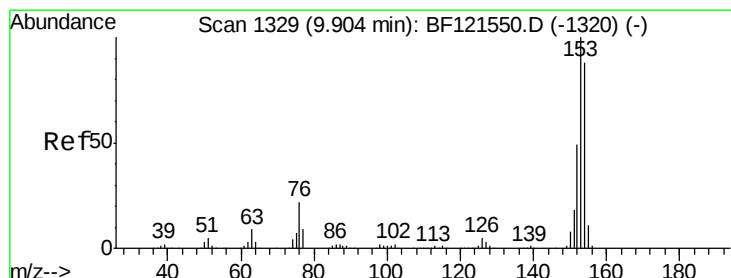
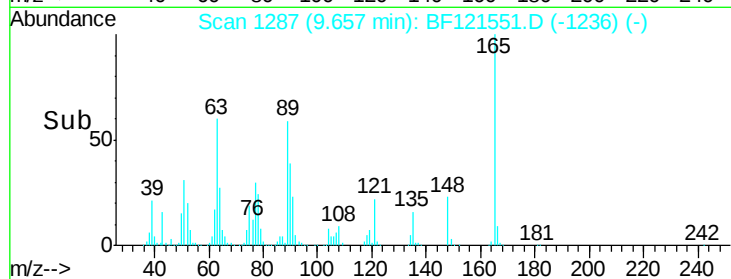
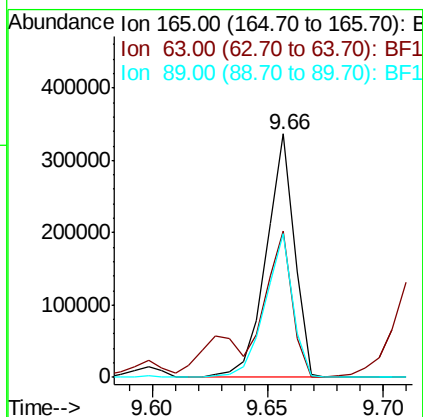
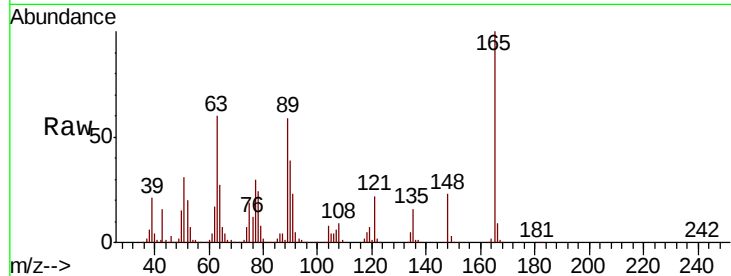




#51
 2,6-Dinitrotoluene
 Concen: 79.938 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

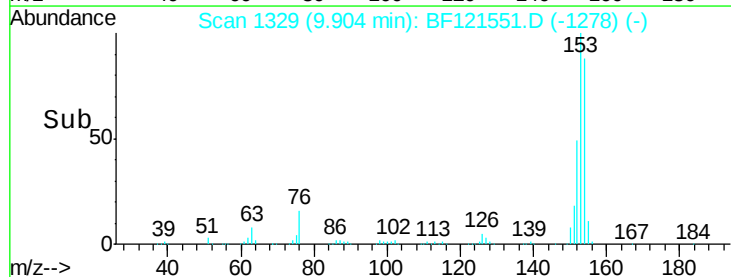
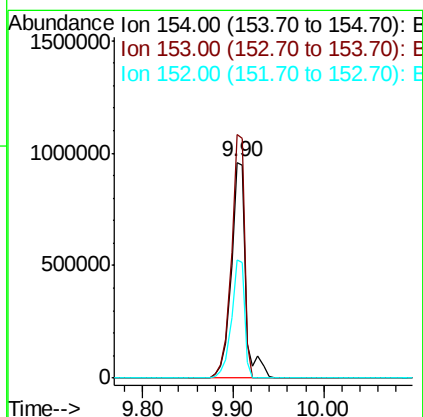
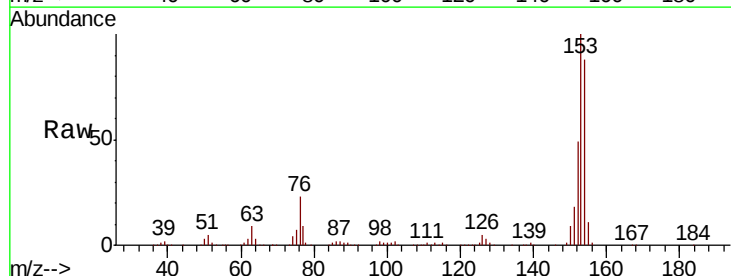
Instrument :
 BNA_F
 ClientSampled :

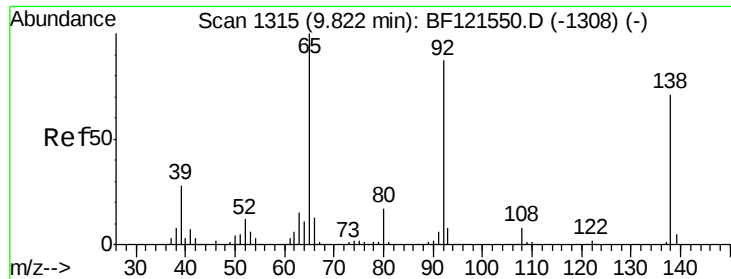
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.1	40.6	61.0
89	59.1	41.8	62.8



#52
 Acenaphthene
 Concen: 50.700 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.0	136.4
152	55.1	44.2	66.2

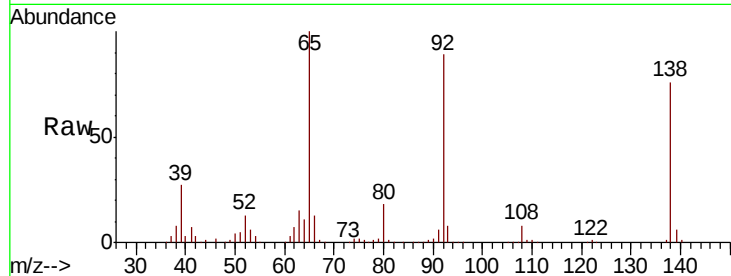




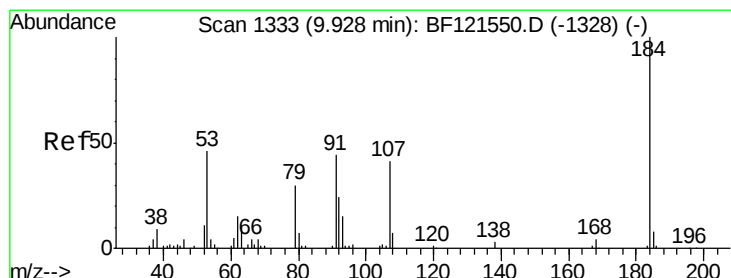
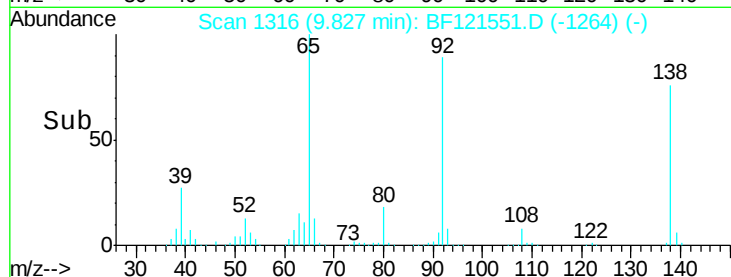
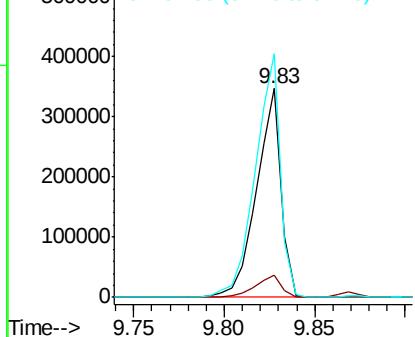
#53
3-Nitroaniline
Concen: 69.261 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 327162
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.6
92 116.7 97.4 146.0

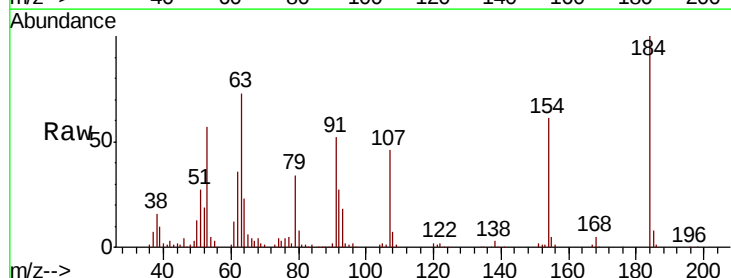


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

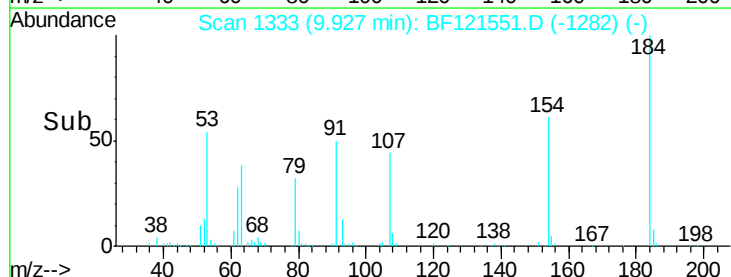
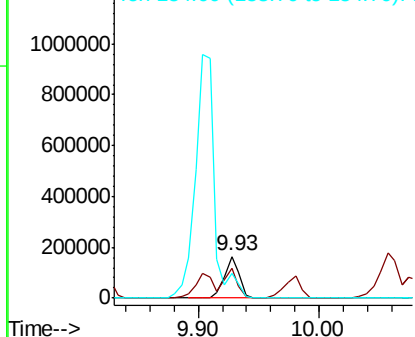


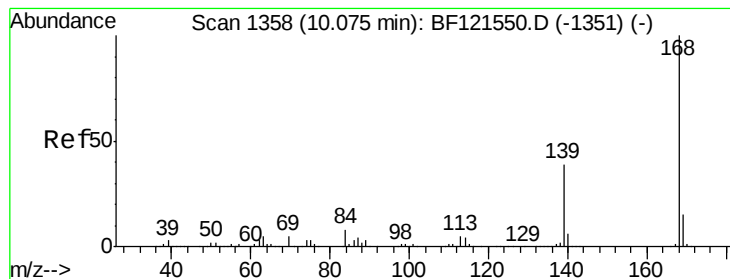
#54
2,4-Dinitrophenol
Concen: 110.560 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:184 Resp: 140857
Ion Ratio Lower Upper
184 100
63 73.0 47.7 71.5#
154 60.7 47.2 70.8



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





#55

Dibenzofuran

Concen: 48.219 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

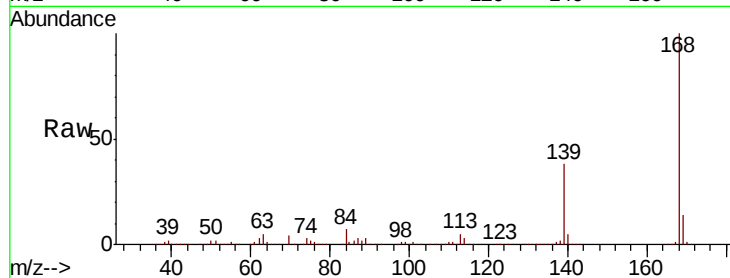
Tot Ion:168 Resp: 1469985

Ion Ratio Lower Upper

168 100

139 37.9 31.4 47.0

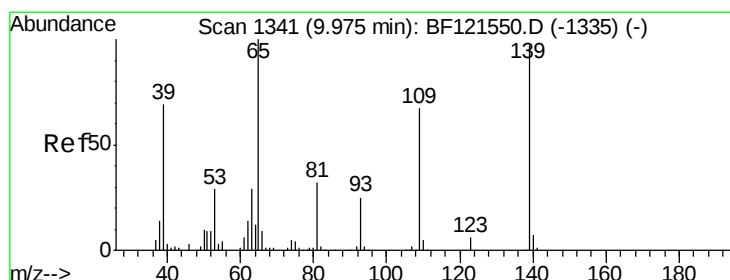
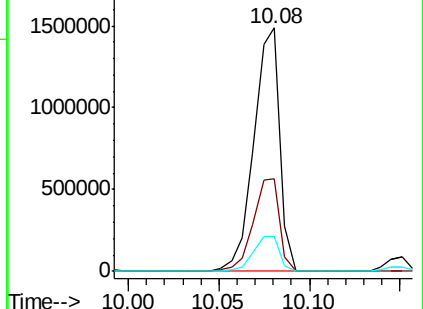
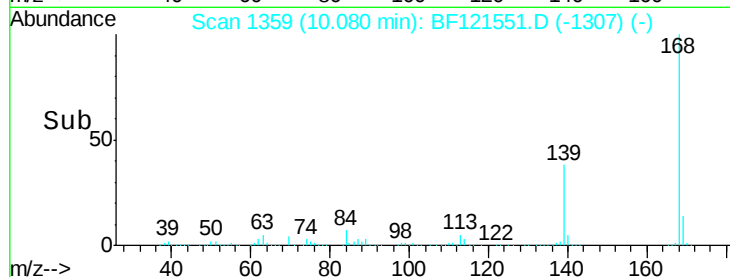
169 14.4 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.132 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

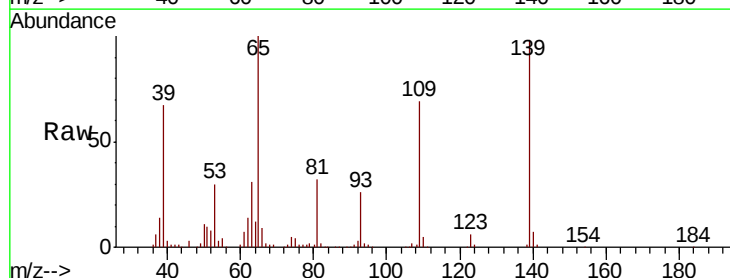
Tgt Ion:139 Resp: 269130

Ion Ratio Lower Upper

139 100

109 70.2 48.8 88.8

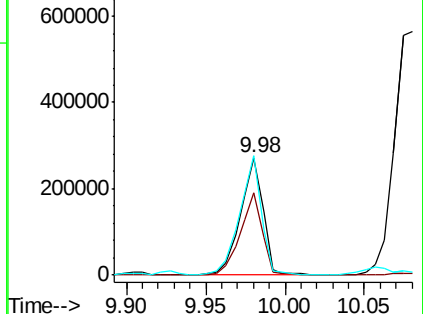
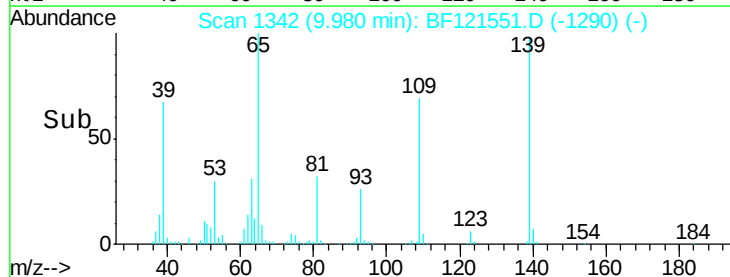
65 102.1 83.6 123.6

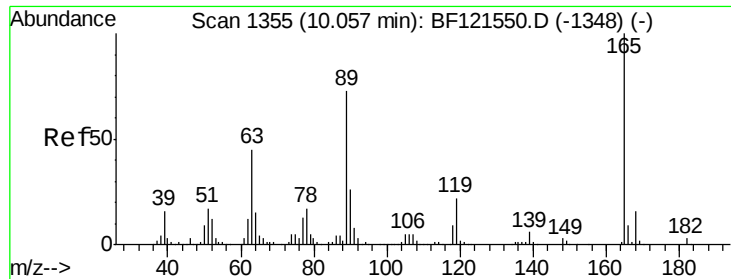


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

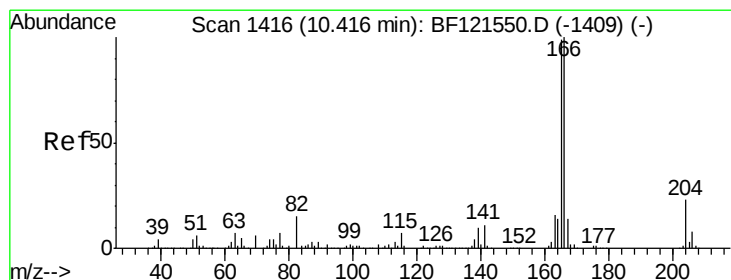
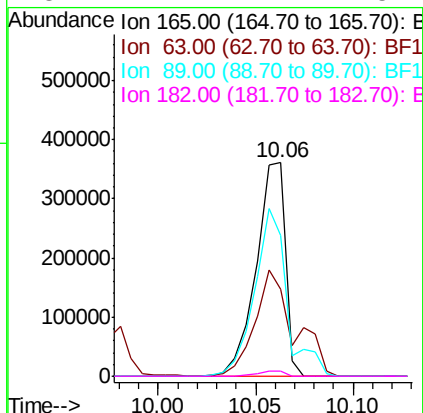
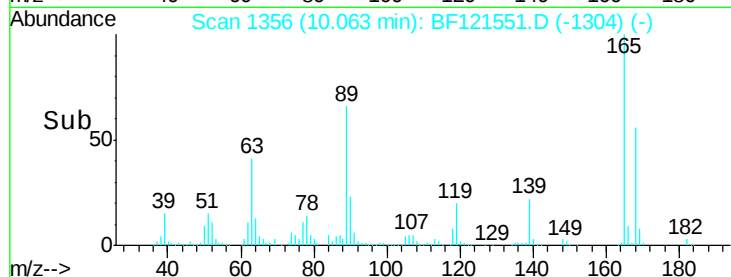
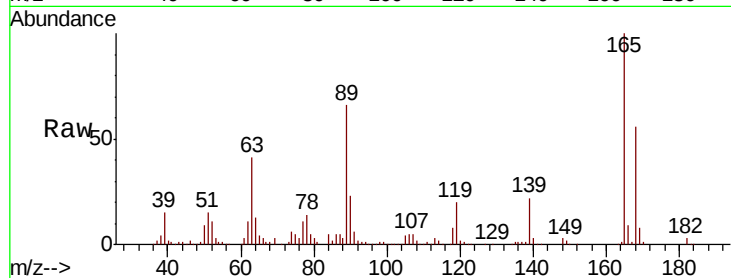




#57
2,4-Dinitrotoluene
Concen: 88.327 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

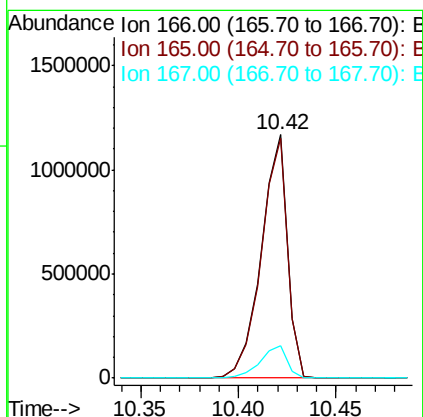
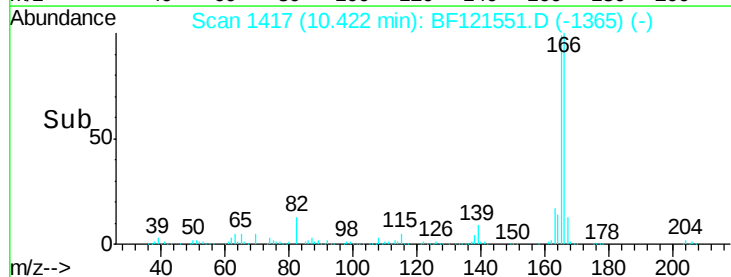
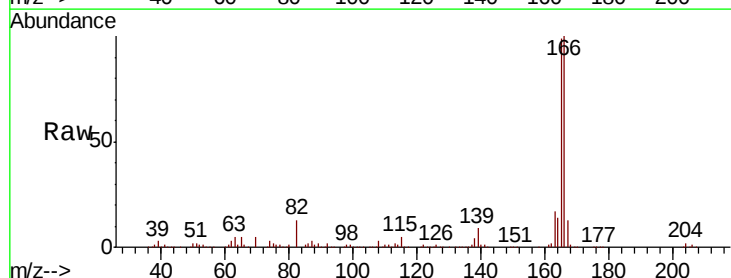
Instrument :
BNA_F
ClientSampleId :

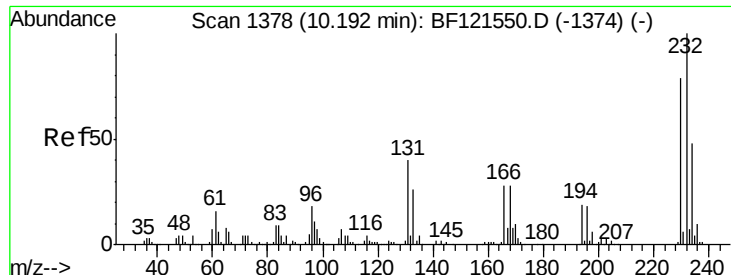
Tot Ion:165 Resp: 376202
Ion Ratio Lower Upper
165 100
63 40.7 36.2 54.4
89 66.1 58.2 87.4
182 2.7 2.2 3.2



#58
Fluorene
Concen: 47.201 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:166 Resp: 1084740
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 13.3 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.080 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 331068

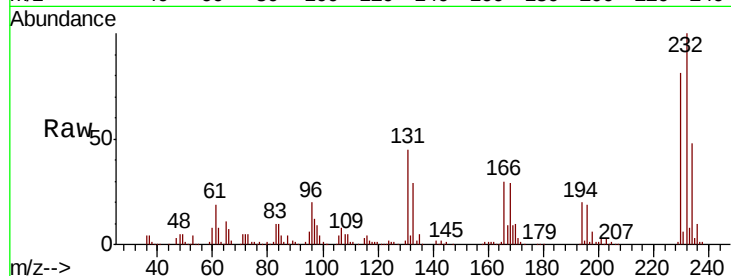
Ion Ratio Lower Upper

232 100

131 44.3 36.3 54.5

130 2.2 1.9 2.9

166 29.8 23.9 35.9

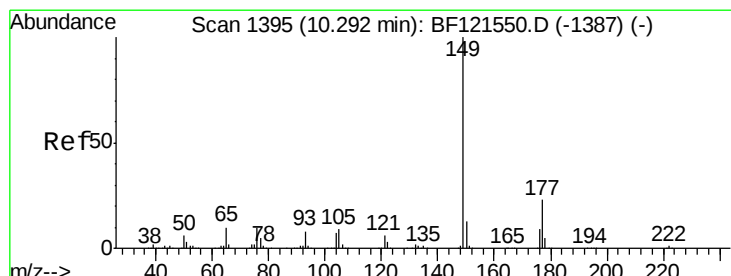
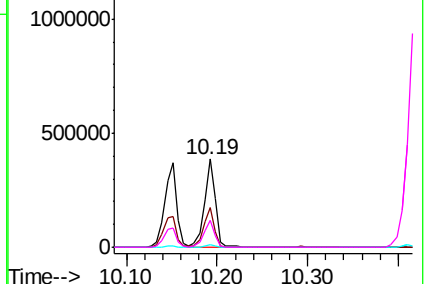
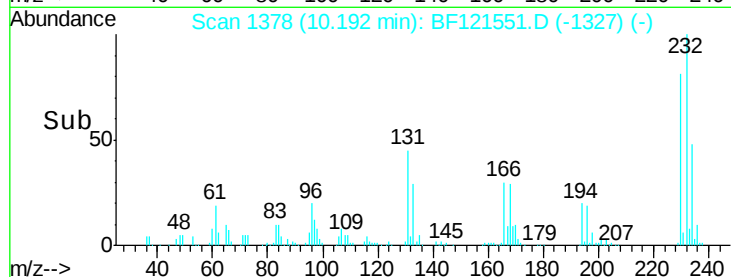


Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.961 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

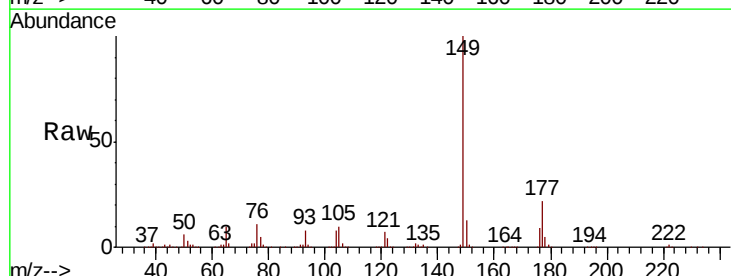
Tgt Ion:149 Resp: 1231745

Ion Ratio Lower Upper

149 100

177 22.4 18.2 27.2

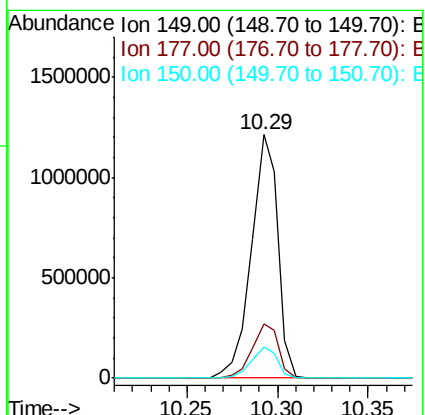
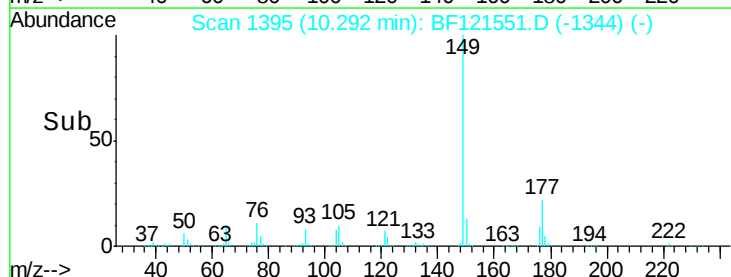
150 13.0 10.2 15.2

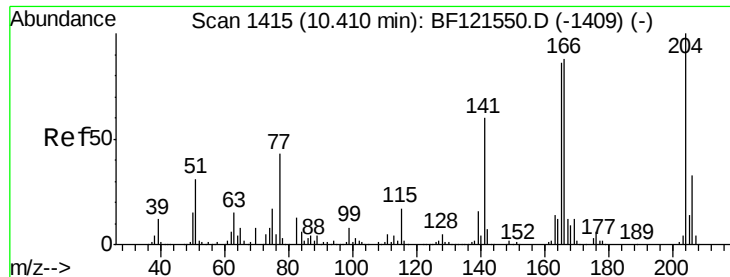


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

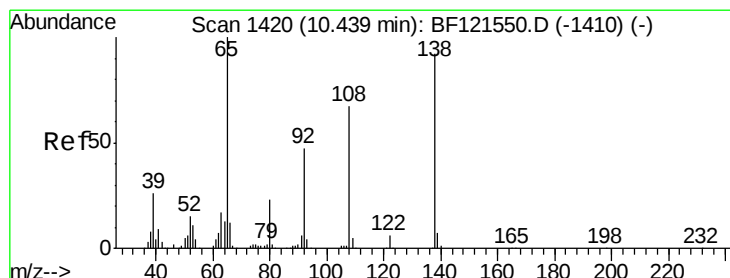
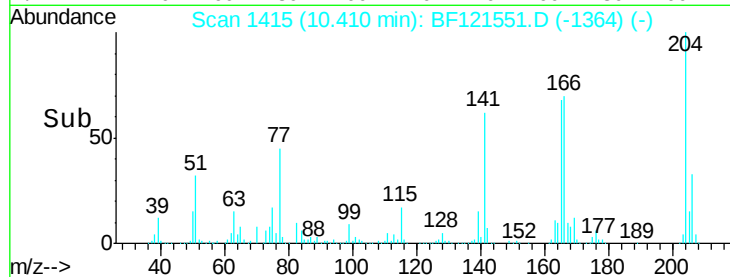
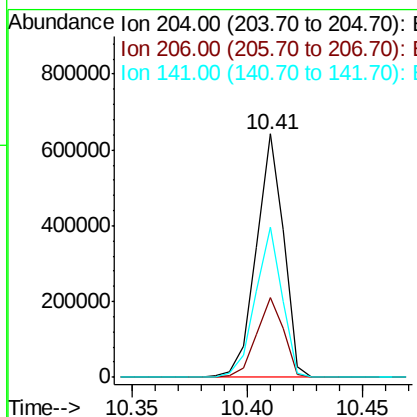
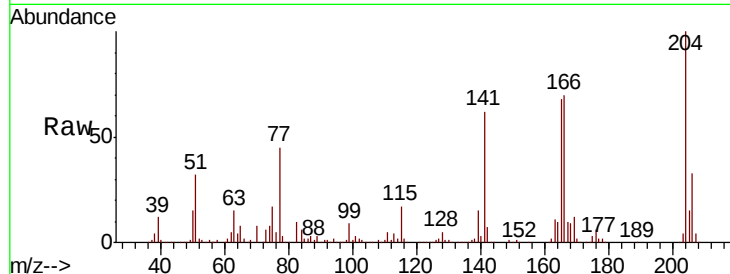




#61
 4-Chlorophenyl-phenylether
 Concen: 45.922 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

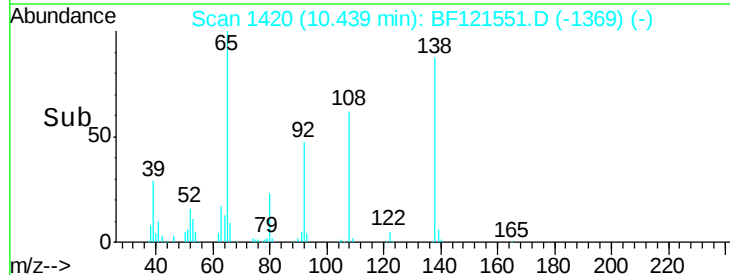
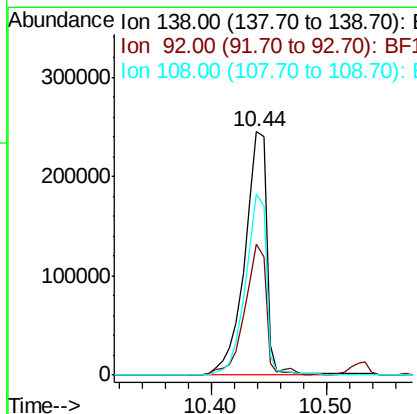
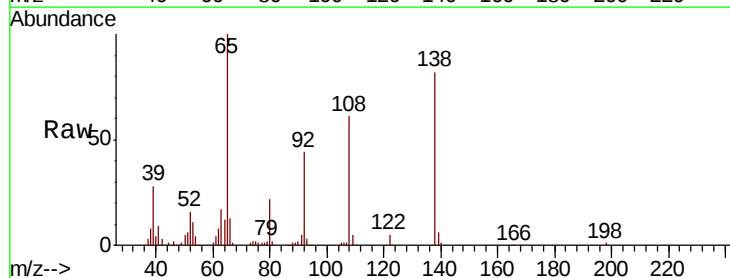
Instrument :
 BNA_F
 ClientSampleId :

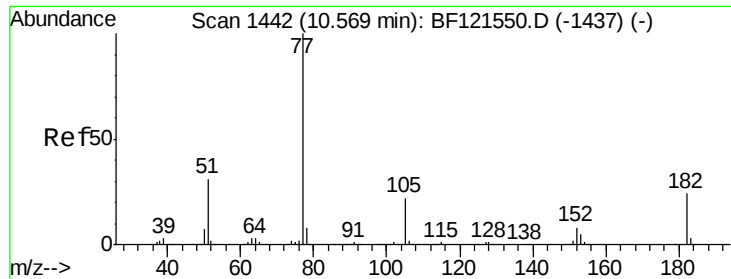
Tot Ion:204 Resp: 528764
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.4 39.6
 141 61.6 48.3 72.5



#62
 4-Nitroaniline
 Concen: 63.954 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion:138 Resp: 324341
 Ion Ratio Lower Upper
 138 100
 92 53.9 31.4 71.4
 108 74.3 52.4 92.4





#63

Azobenzene

Concen: 53.321 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1299991

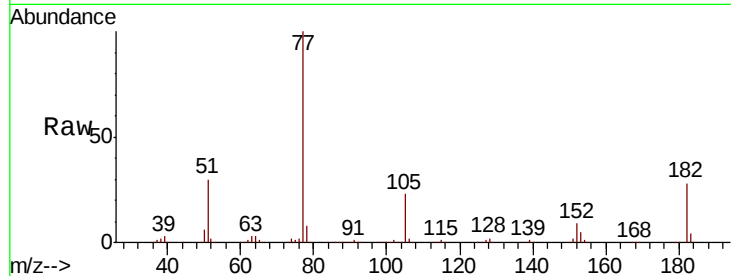
Ion Ratio Lower Upper

77 100

182 28.3 3.9 43.9

105 22.8 2.2 42.2

51 30.2 11.1 51.1

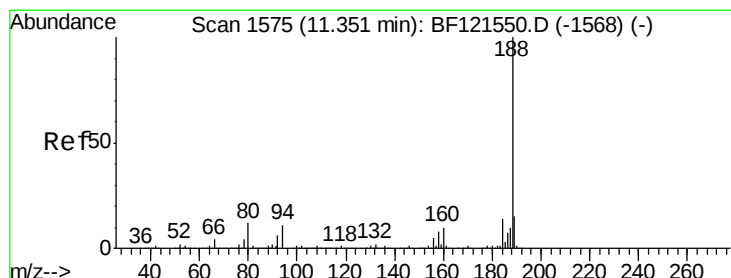
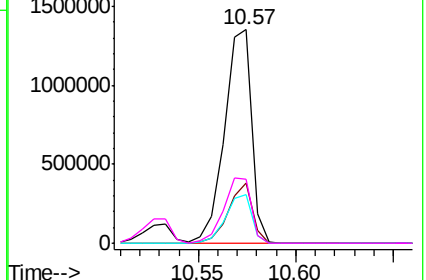
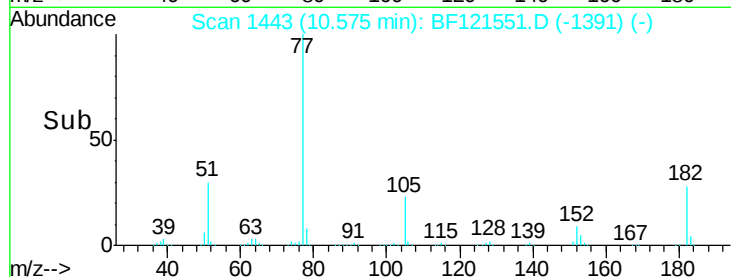


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

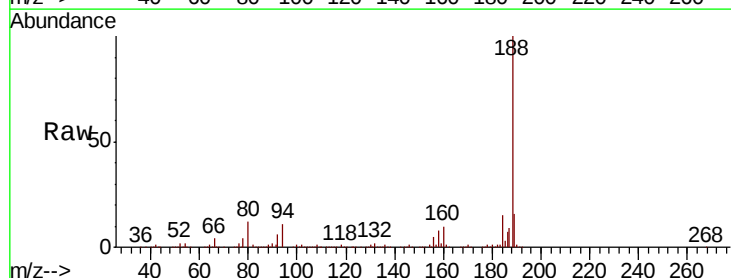
Tgt Ion: 188 Resp: 644962

Ion Ratio Lower Upper

188 100

94 11.5 8.7 13.1

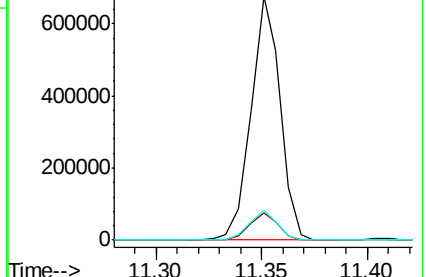
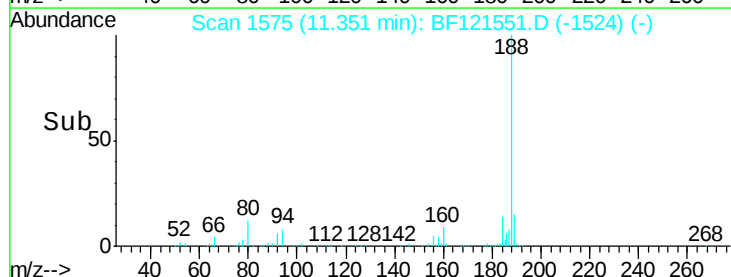
80 12.0 9.3 13.9

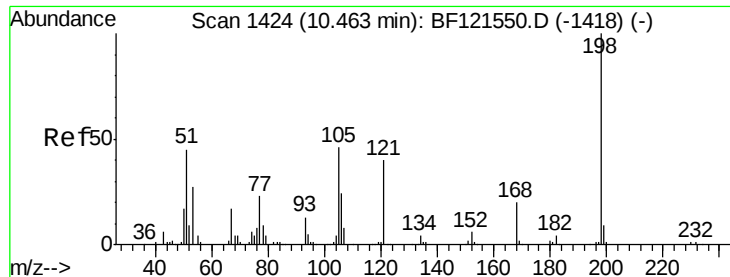


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 116.970 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

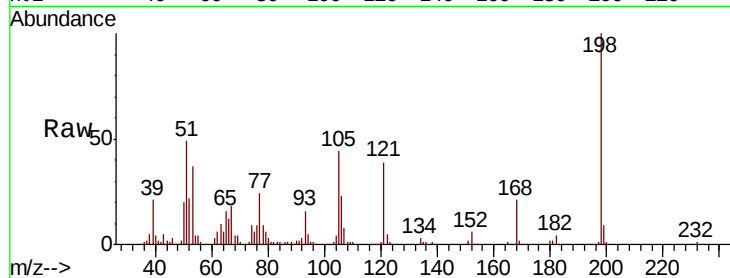
Tot Ion:198 Resp: 195564

Ion Ratio Lower Upper

198 100

51 48.7 31.1 71.1

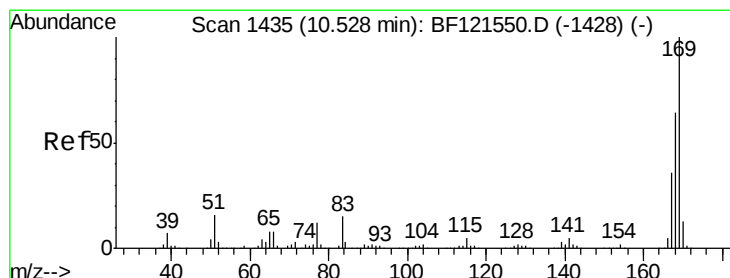
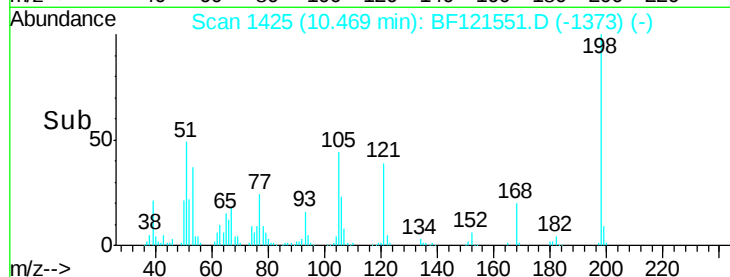
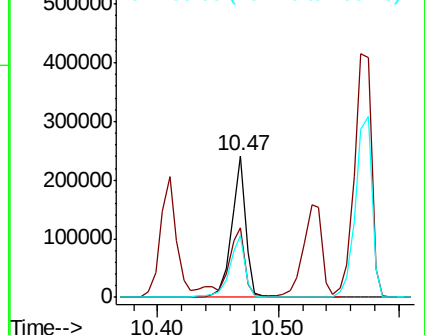
105 43.9 26.6 66.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.907 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

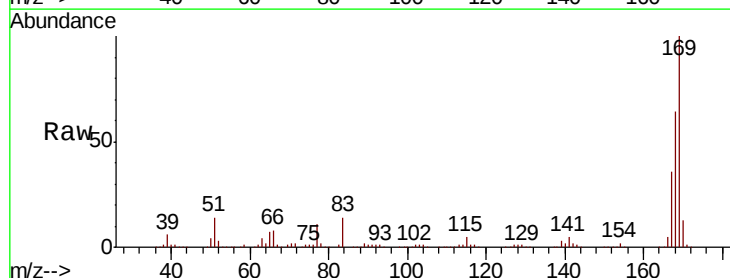
Tgt Ion:169 Resp: 1079242

Ion Ratio Lower Upper

169 100

168 63.8 51.2 76.8

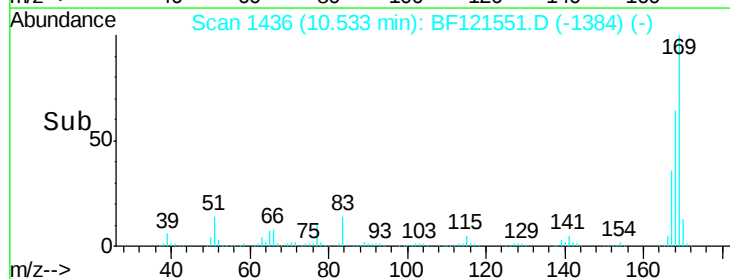
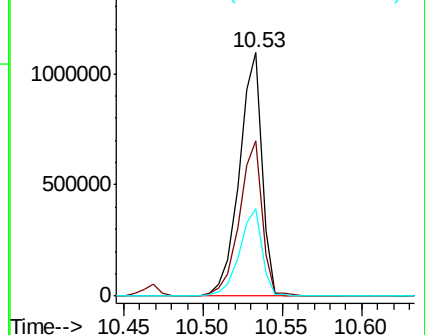
167 35.8 28.9 43.3

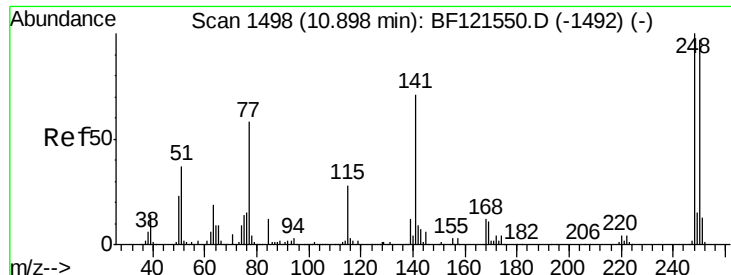


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

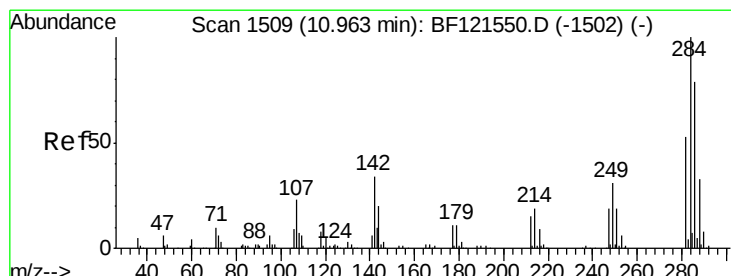
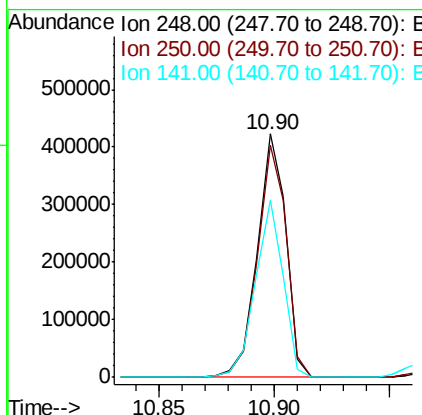
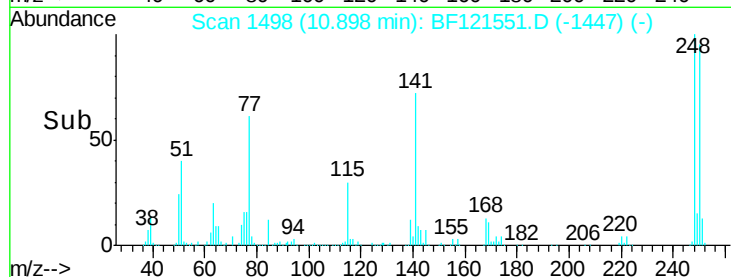
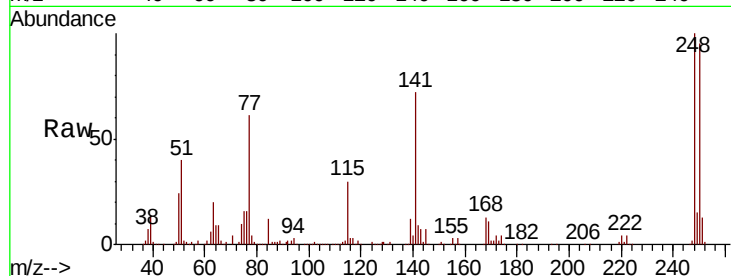




#67
 4-Bromophenyl-phenylether
 Concen: 51.541 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

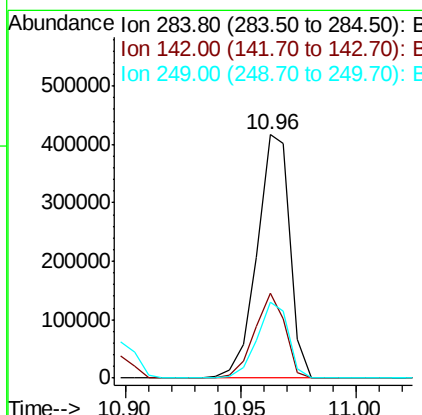
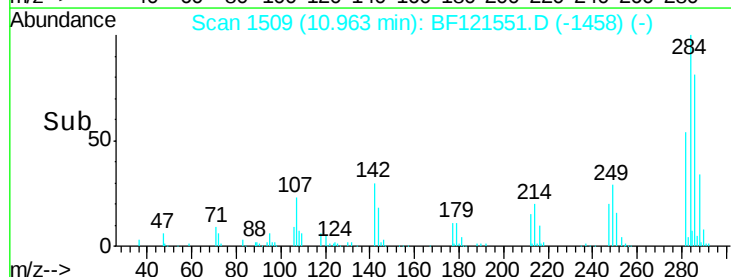
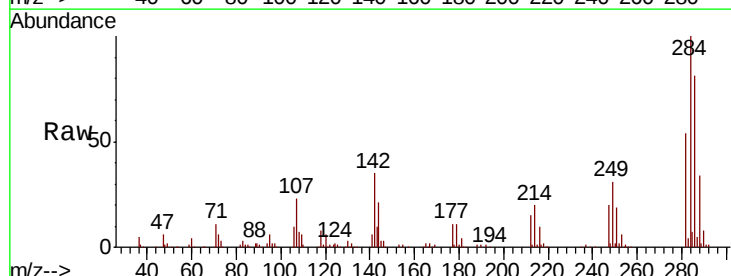
Instrument :
 BNA_F
 ClientSampled :

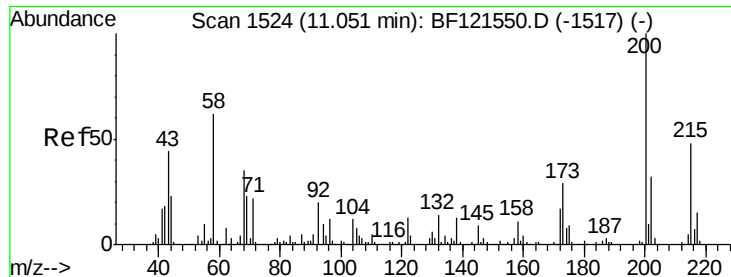
Tot Ion:248 Resp: 365689
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.4 116.0
 141 72.5 56.7 85.1



#68
 Hexachlorobenzene
 Concen: 49.720 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion:284 Resp: 412525
 Ion Ratio Lower Upper
 284 100
 142 34.7 27.0 40.4
 249 30.9 24.7 37.1

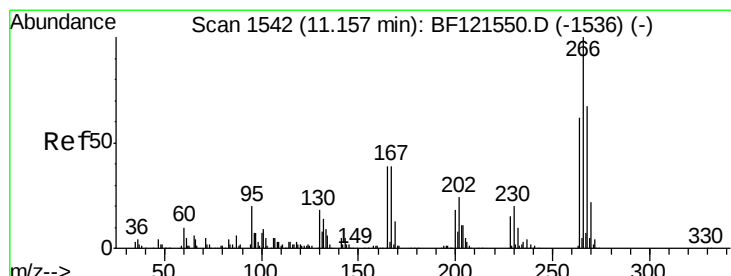
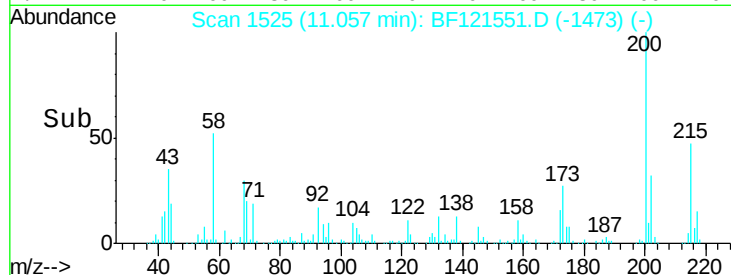
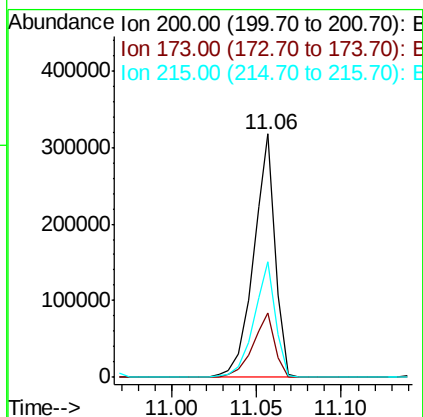
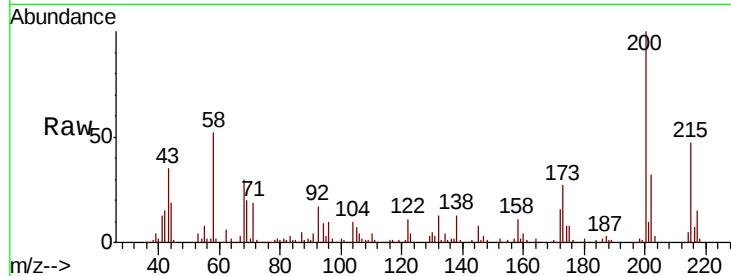




#69
Atrazine
Concen: 47.500 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

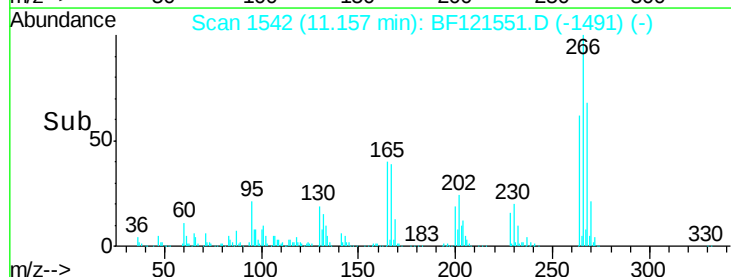
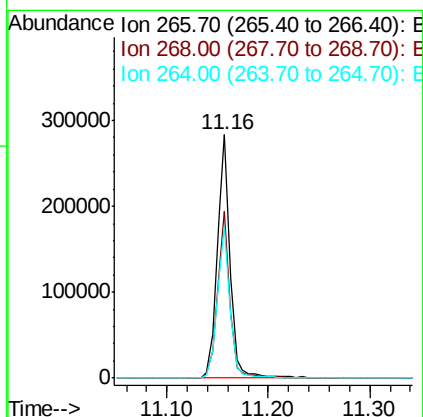
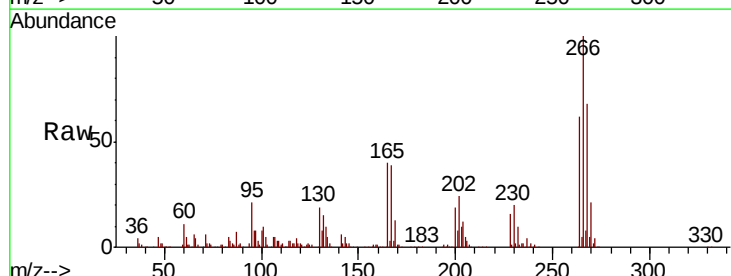
Instrument :
BNA_F
ClientSampled :

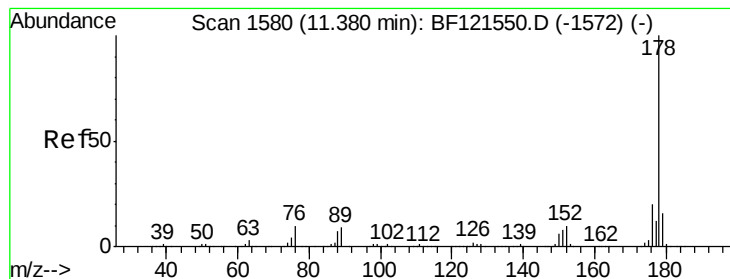
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	8.5	48.5
215	47.4	27.8	67.8



#70
Pentachlorophenol
Concen: 65.713 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	53.5	80.3
264	62.4	49.8	74.8





#71

Phenanthrene

Concen: 50.559 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampled :

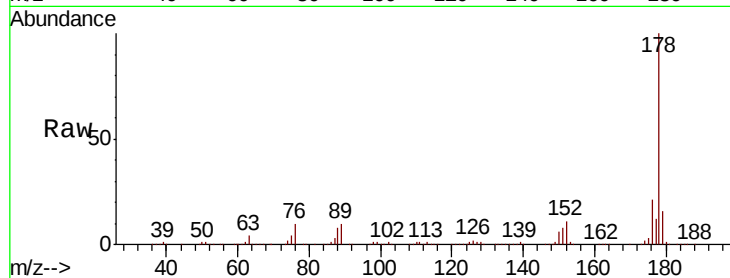
Tot Ion:178 Resp: 1673398

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

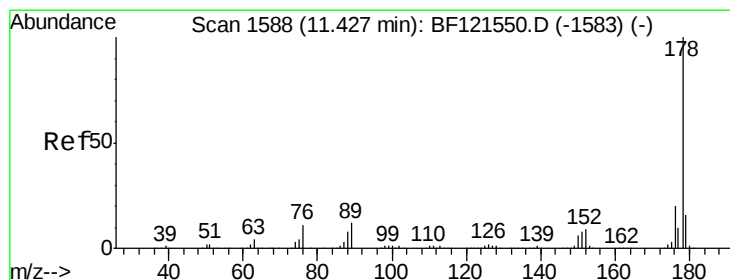
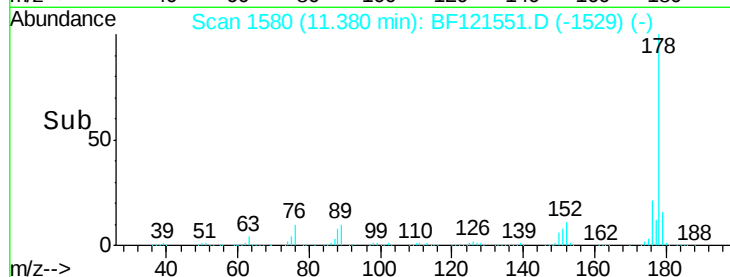
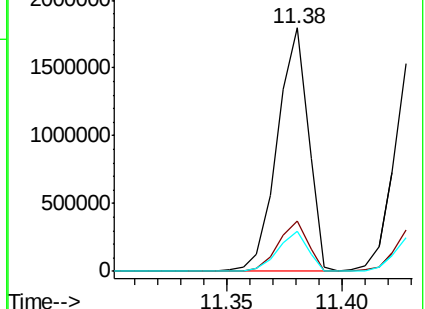
179 16.3 12.6 19.0



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: 52.753 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

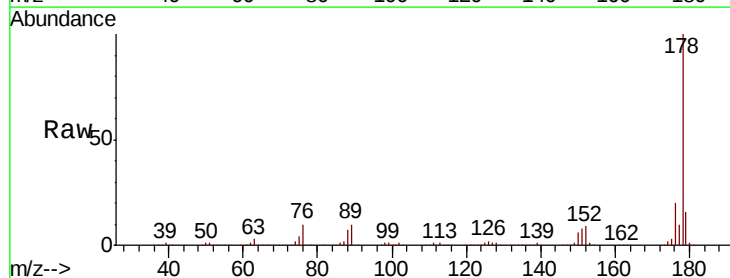
Tgt Ion:178 Resp: 1717289

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

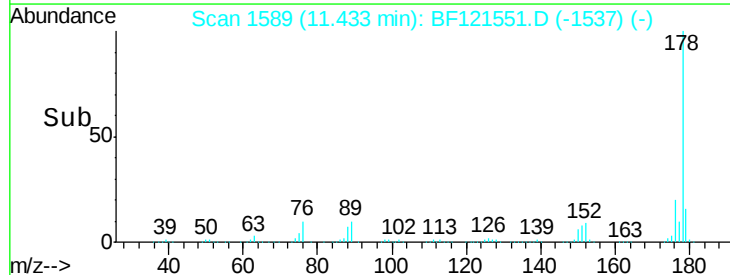
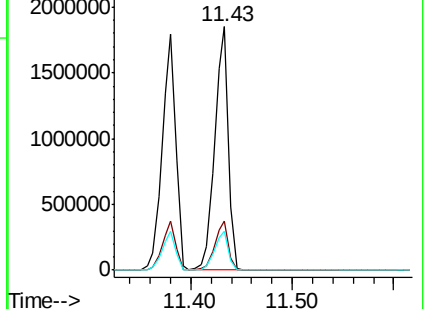
179 16.1 12.8 19.2

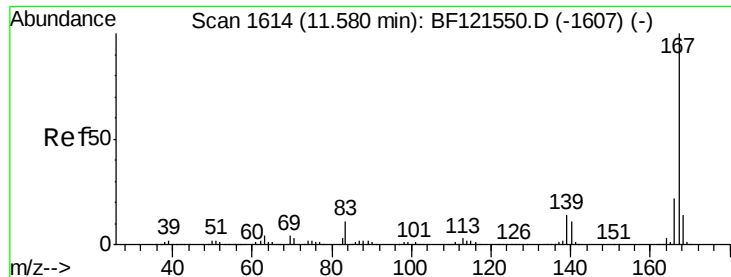


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.090 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

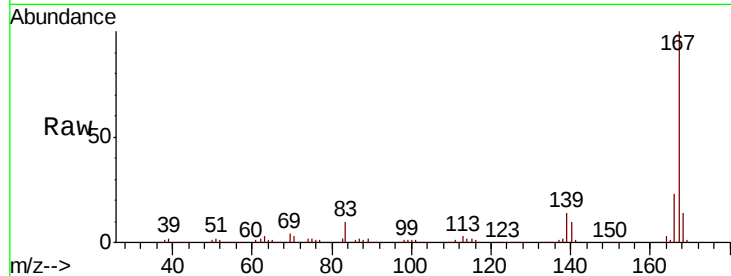
Tot Ion:167 Resp: 1572395

Ion Ratio Lower Upper

167 100

166 22.6 17.9 26.9

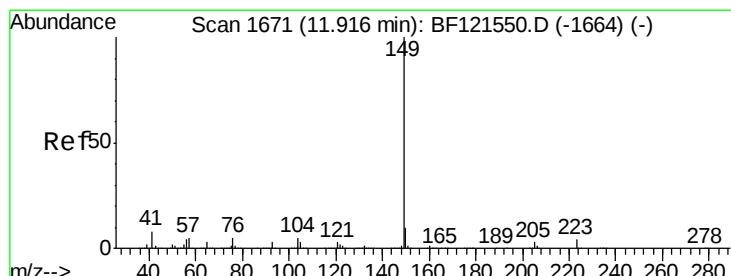
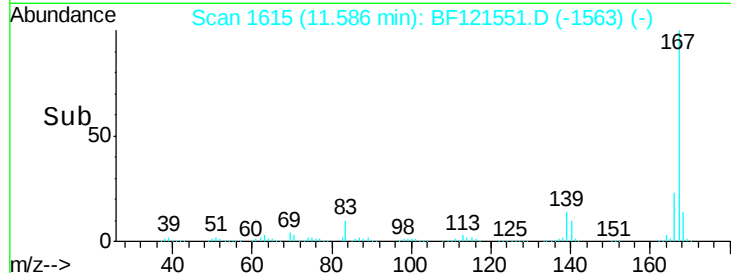
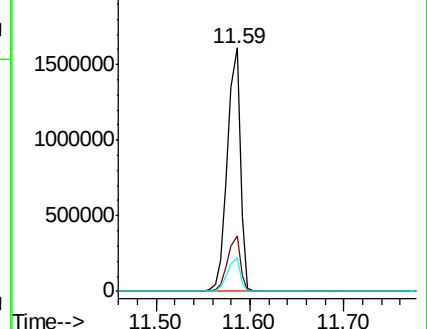
139 13.6 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.194 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

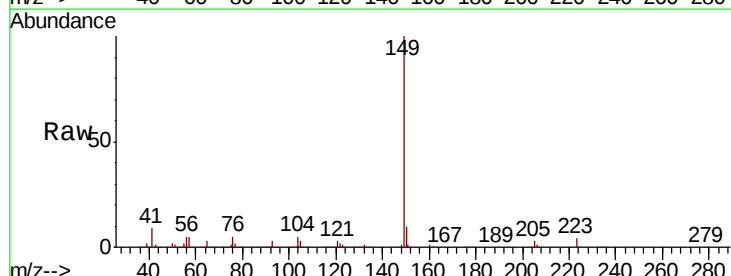
Tgt Ion:149 Resp: 1855021

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

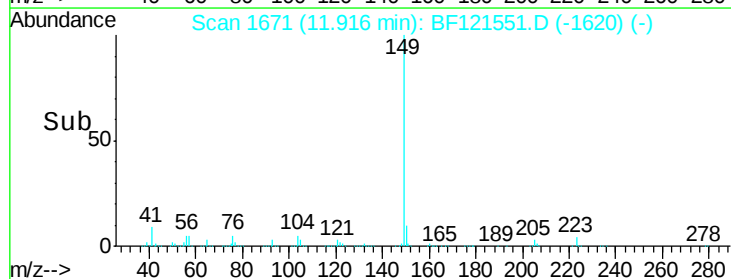
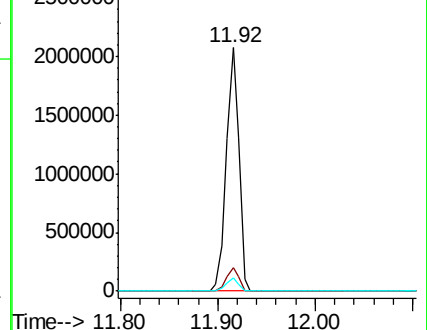
104 5.4 4.2 6.4

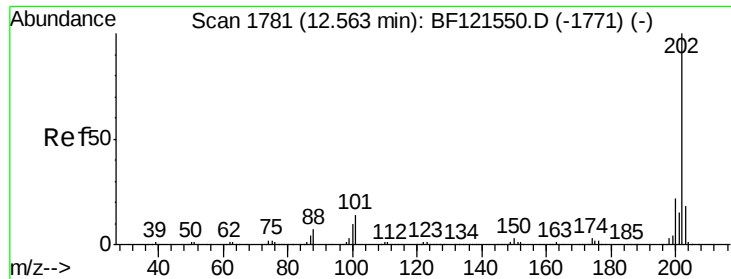


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

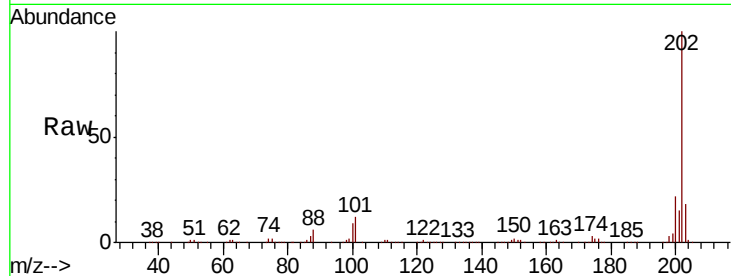




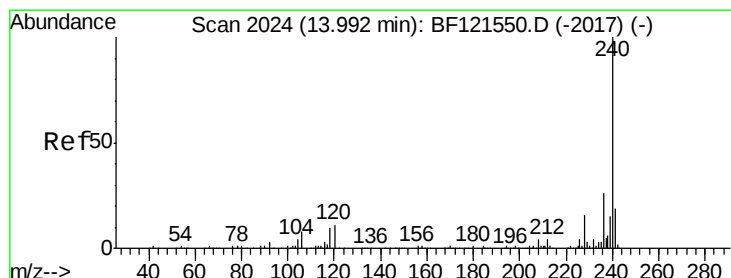
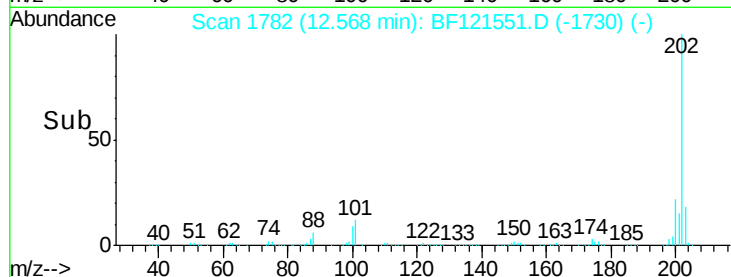
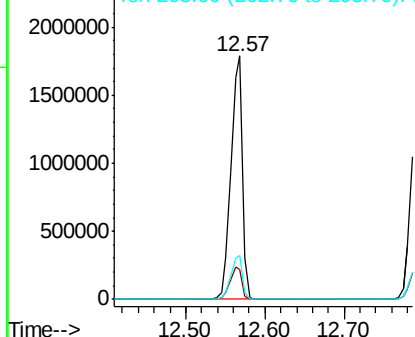
#75
Fluoranthene
Concen: 50.170 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1789615
Ion Ratio Lower Upper
202 100
101 12.1 0.0 34.0
203 18.1 0.0 38.2

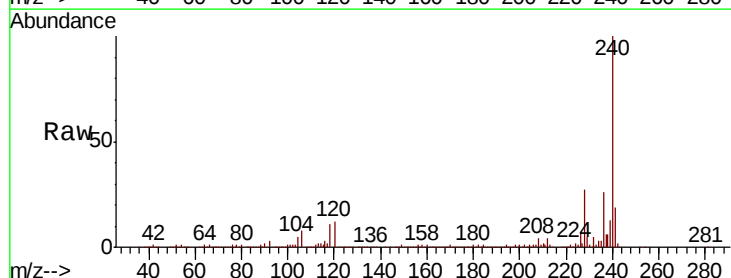


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

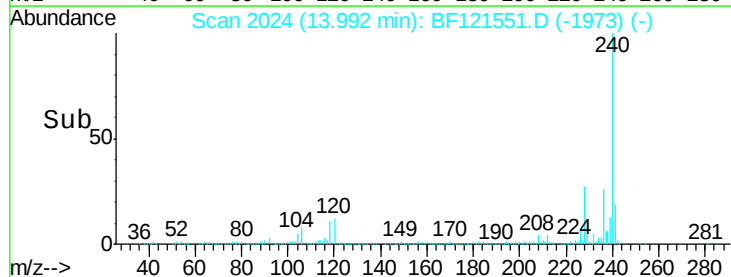
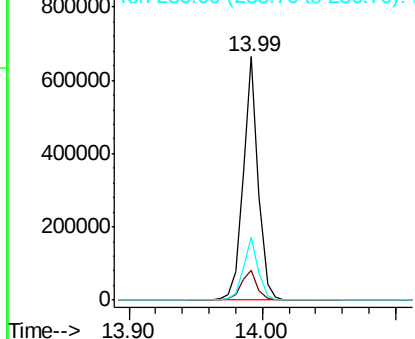


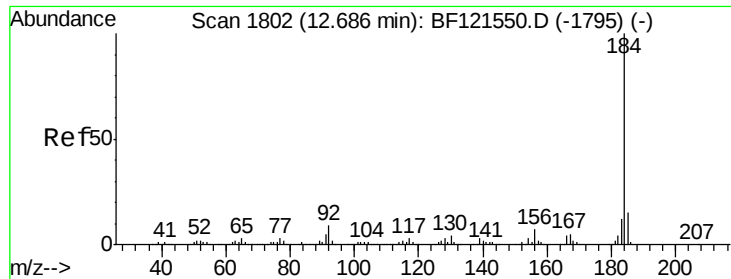
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:240 Resp: 511359
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.0 20.5 30.7



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





#77

Benzidine

Concen: 77.967 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampled :

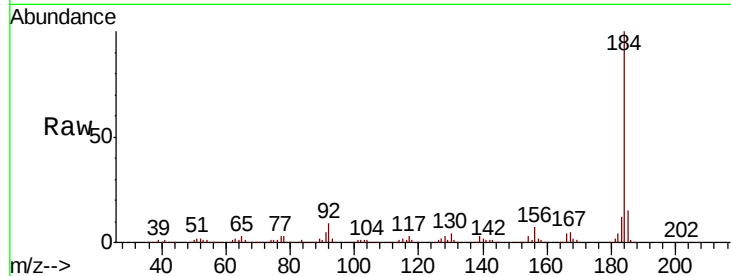
Tot Ion:184 Resp: 869522

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

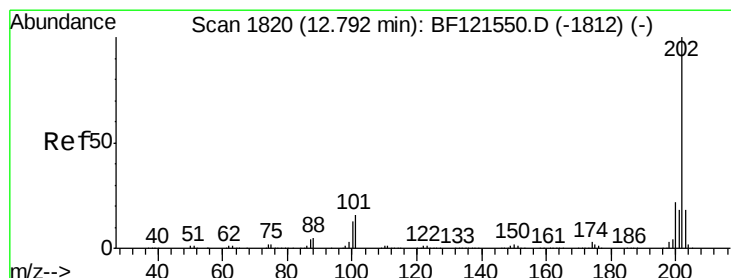
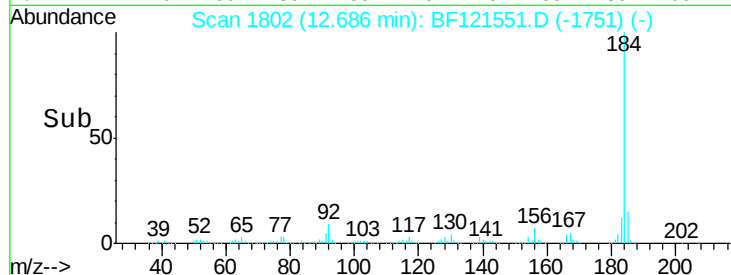
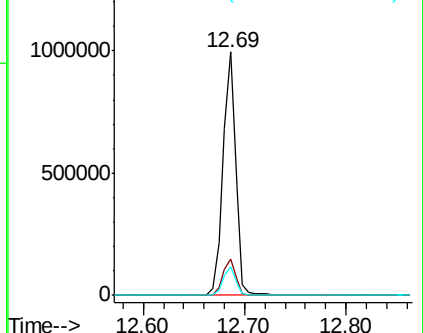
183 11.9 9.5 14.3



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: 50.427 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

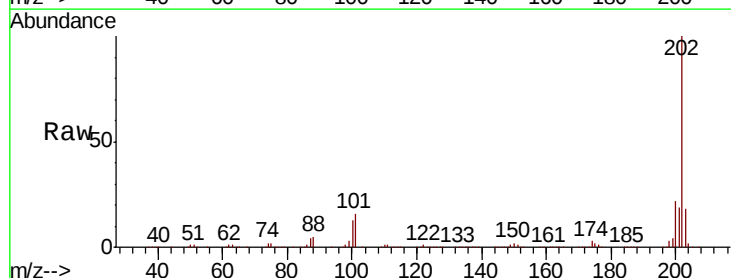
Tgt Ion:202 Resp: 1841601

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

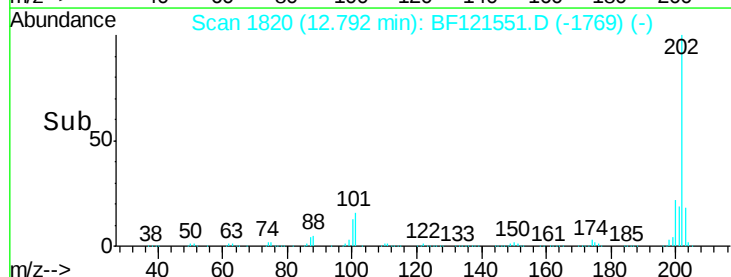
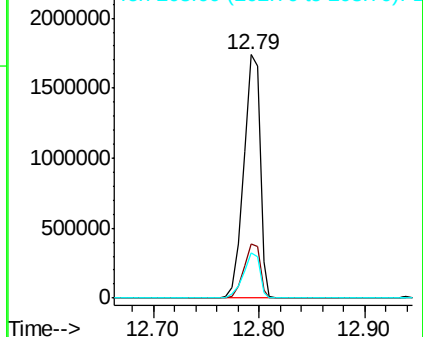
203 18.3 14.6 22.0

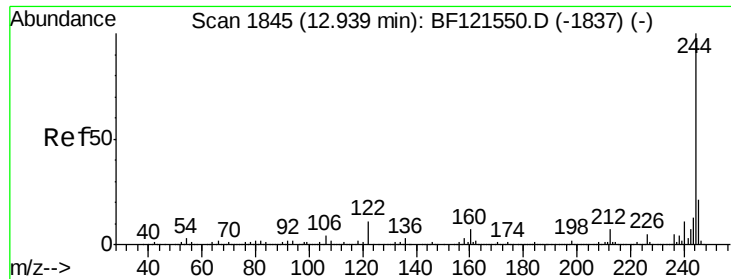


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

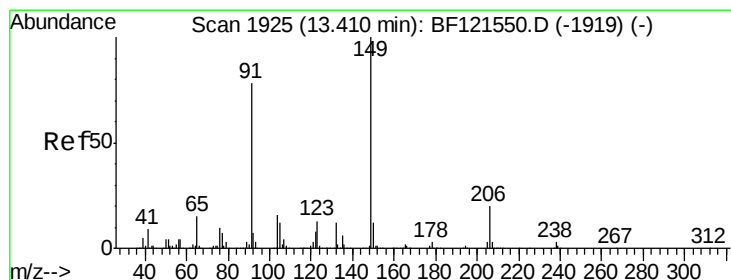
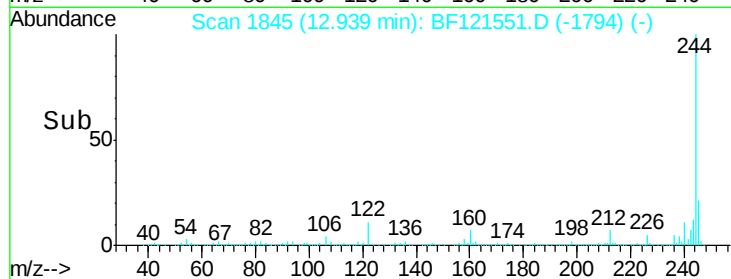
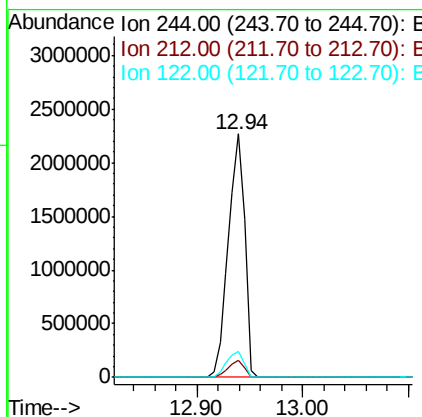
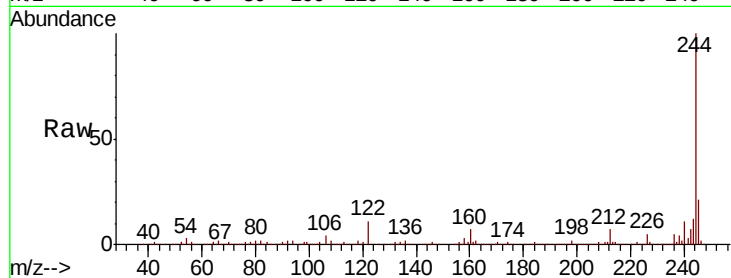




#79
 Terphenyl-d14
 Concen: 100.390 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

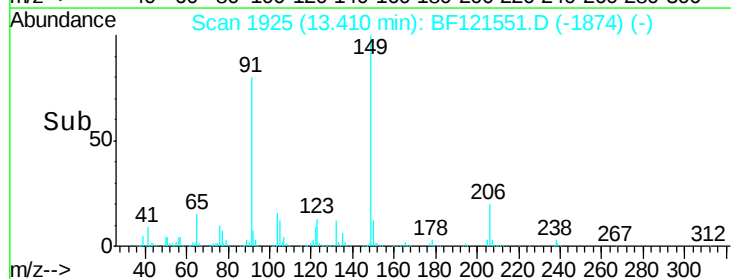
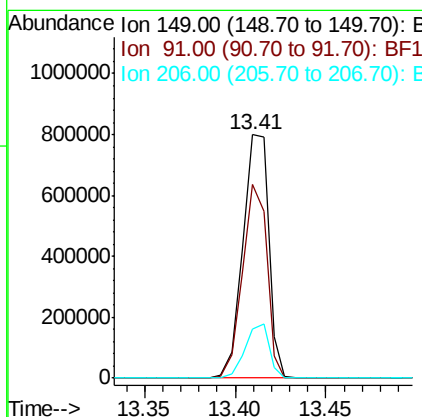
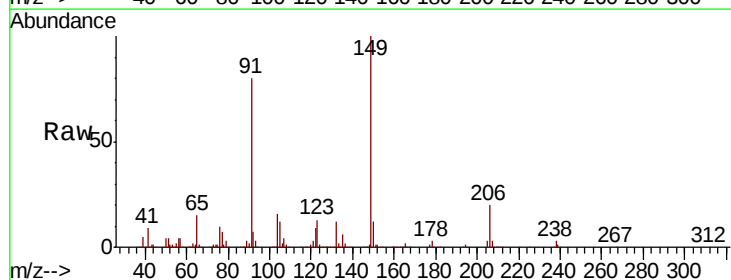
Instrument :
 BNA_F
 ClientSampleId :

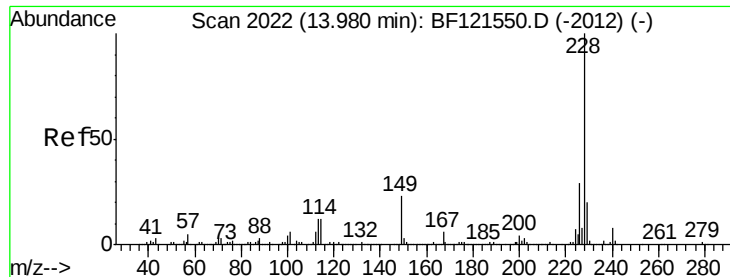
Tot Ion:244 Resp: 2438781
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.7 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 56.297 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion:149 Resp: 792075
 Ion Ratio Lower Upper
 149 100
 91 79.6 62.6 94.0
 206 19.9 15.8 23.6





#81

Benzo(a)anthracene

Concen: 50.199 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

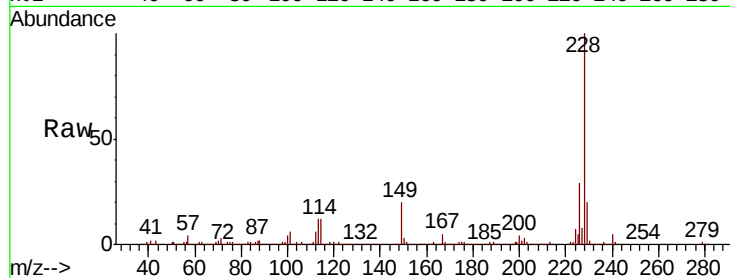
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1566998

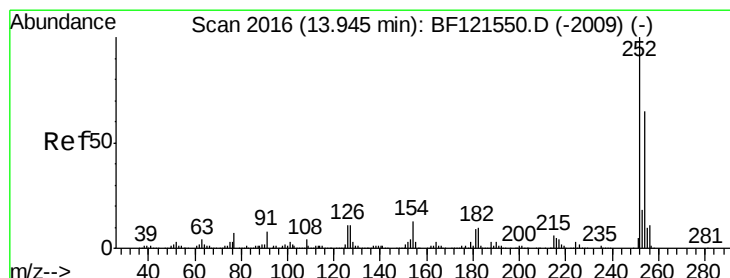
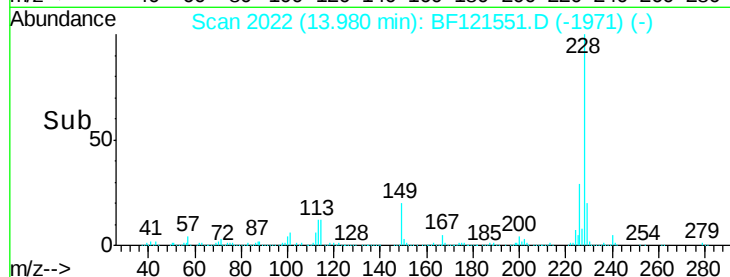
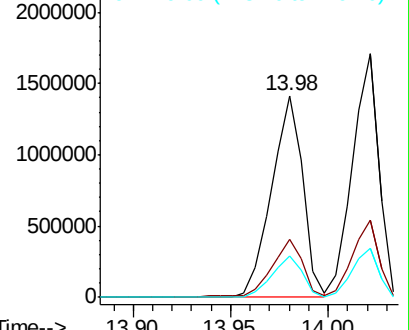
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	20.4	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 56.439 ng

RT: 13.94 min Scan# 2016

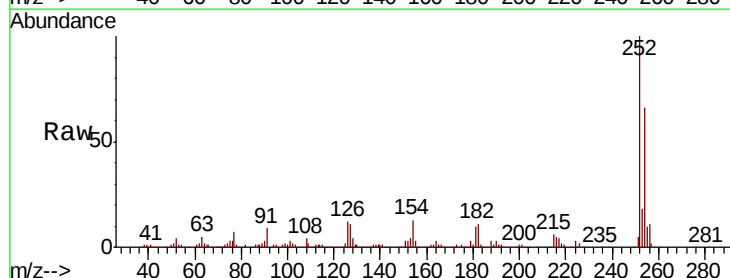
Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion:252 Resp: 645303

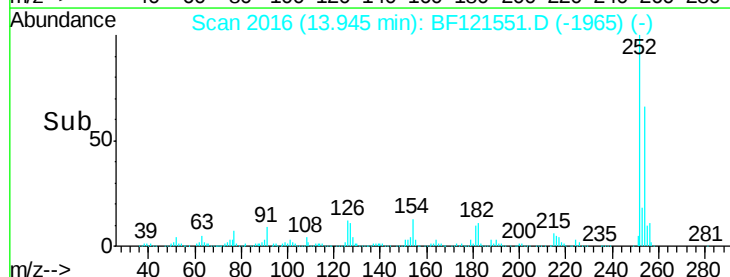
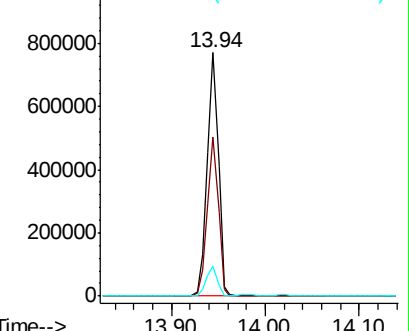
Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	12.2	9.1	13.7

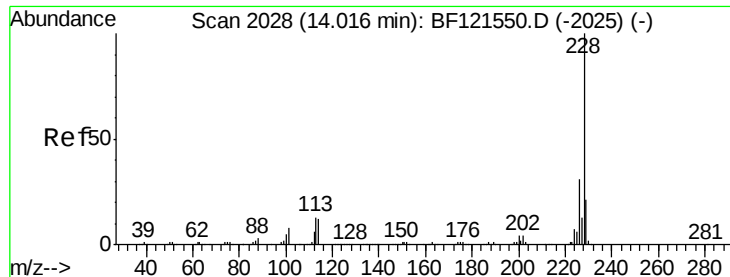


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.523 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

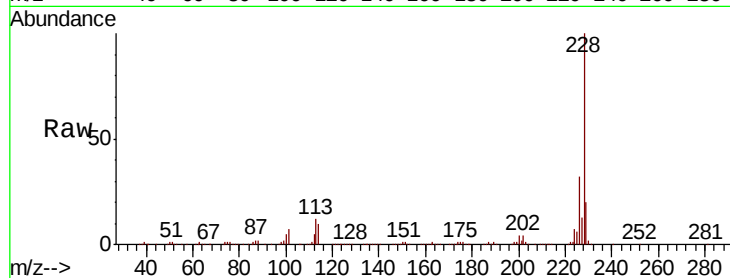
Tot Ion:228 Resp: 1609092

Ion Ratio Lower Upper

228 100

226 31.8 25.1 37.7

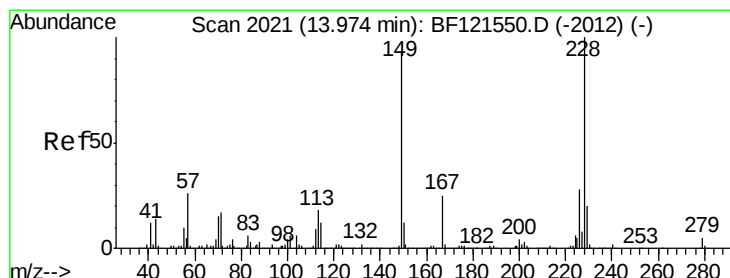
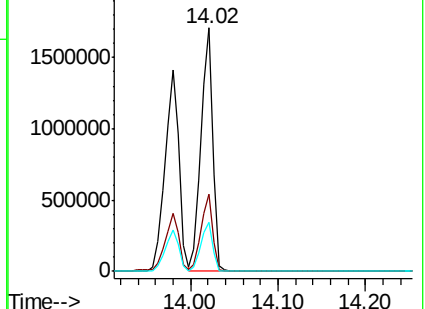
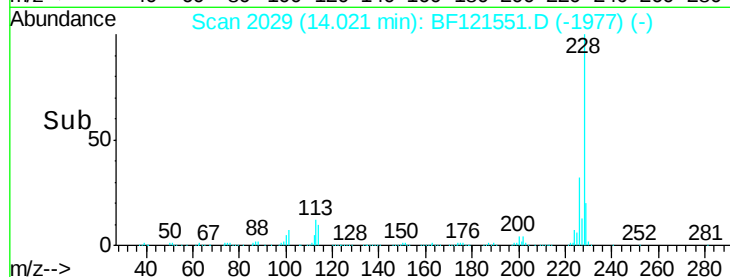
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.440 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

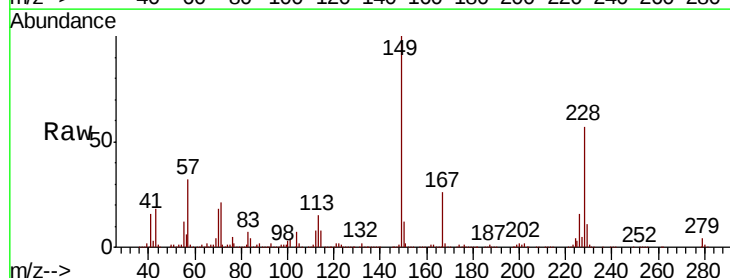
Tgt Ion:149 Resp: 989254

Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

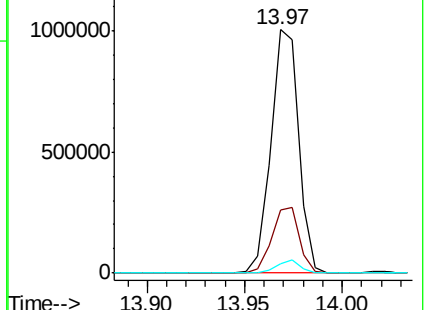
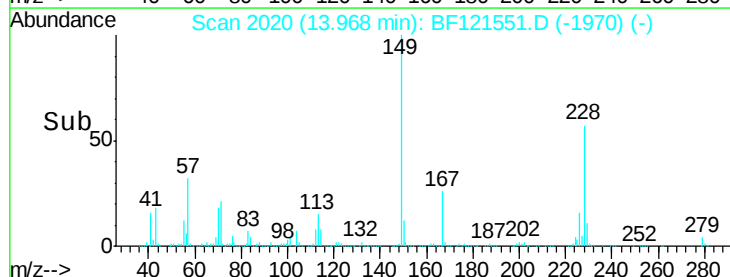
279 3.8 4.1 6.1#

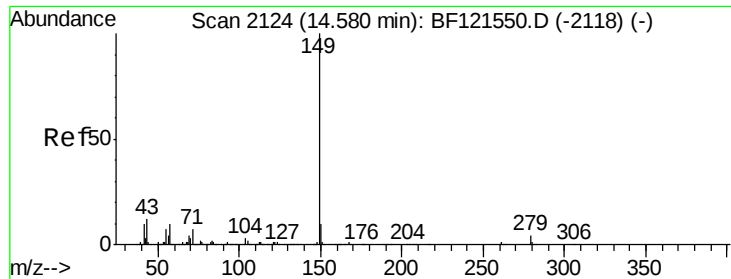


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

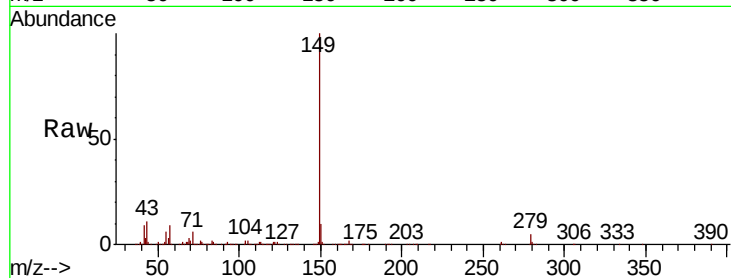




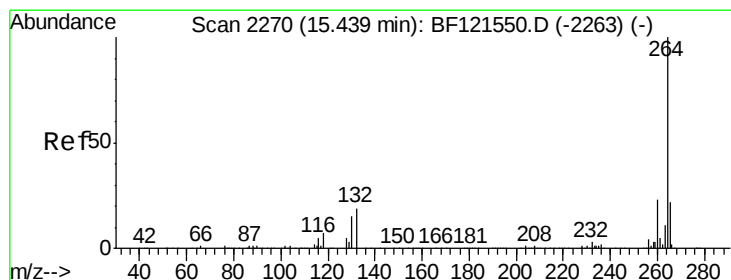
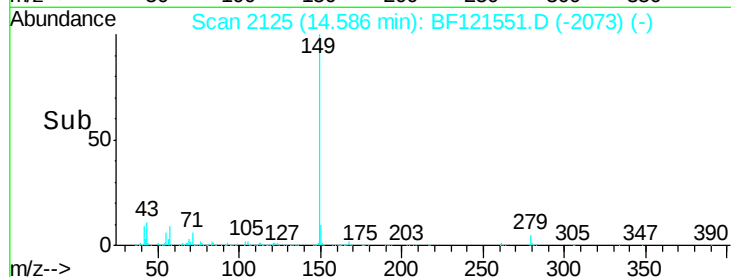
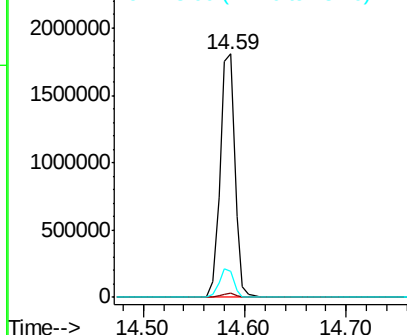
#85
Di-n-octyl phthalate
Concen: 59.199 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1823046
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 9.4 14.0

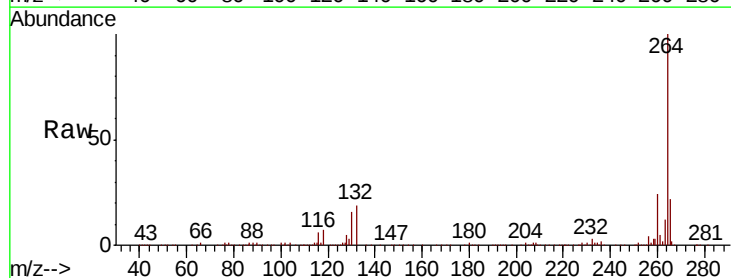


Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

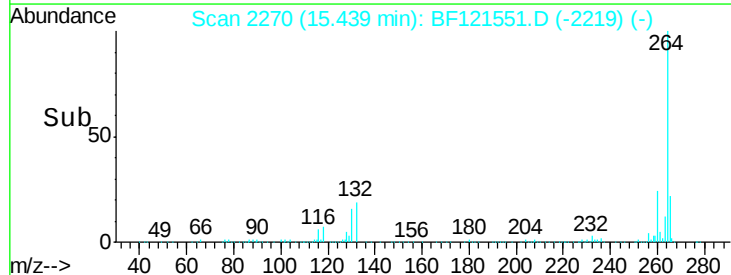
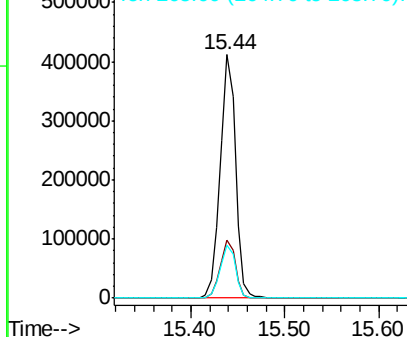


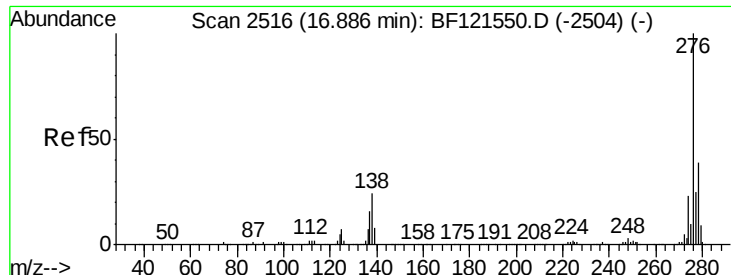
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:264 Resp: 473824
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.8 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

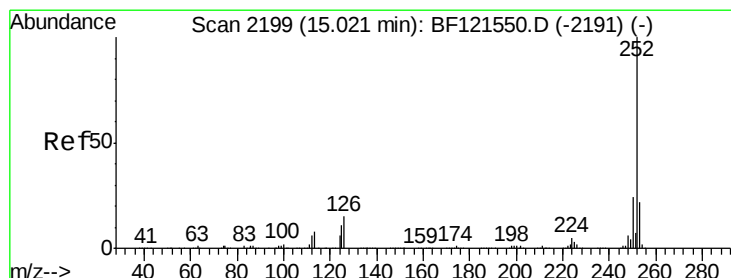
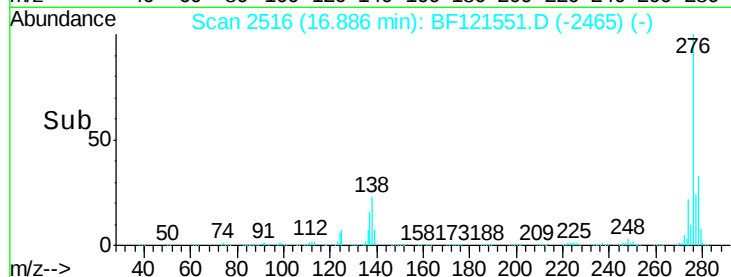
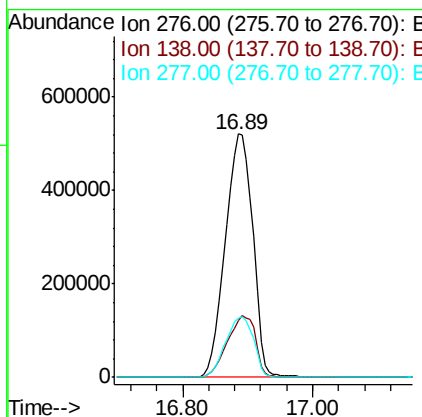
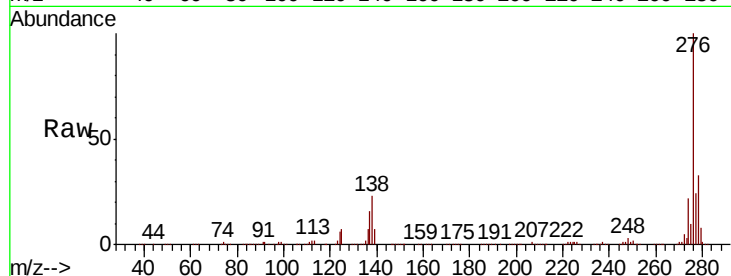




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.489 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

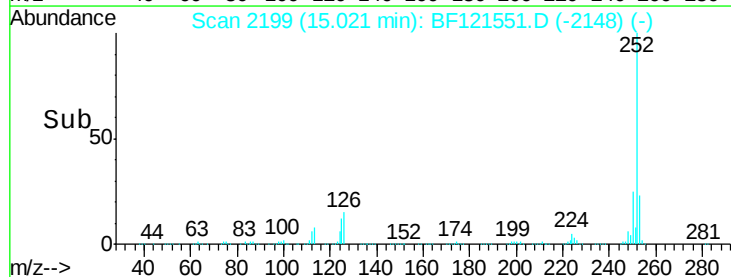
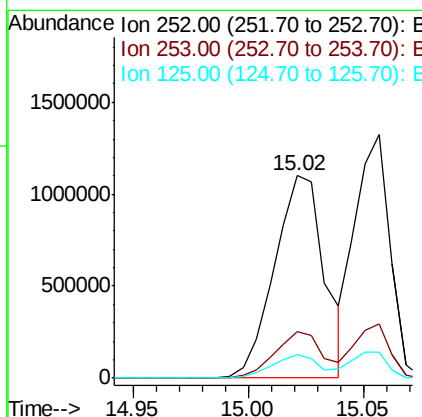
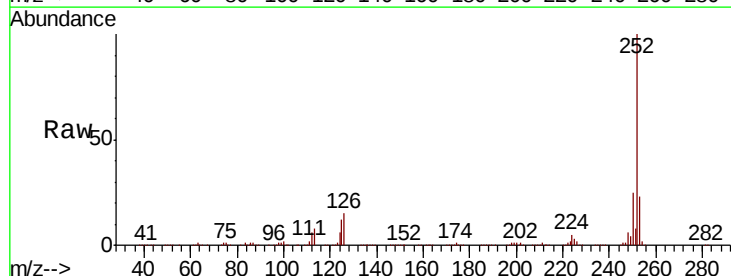
Instrument :
 BNA_F
 ClientSampleId :

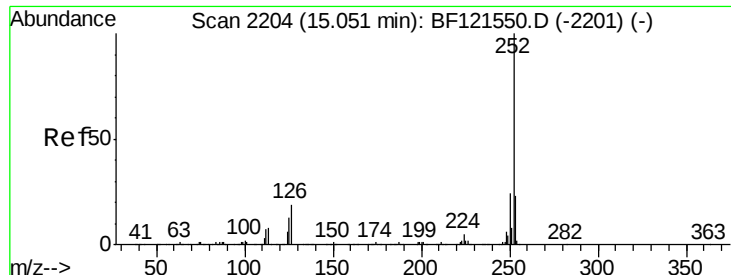
Tot Ion:276 Resp: 1530252
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.6 31.0
 277 25.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 53.834 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion:252 Resp: 1659286
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.9 26.9
 125 11.8 9.2 13.8

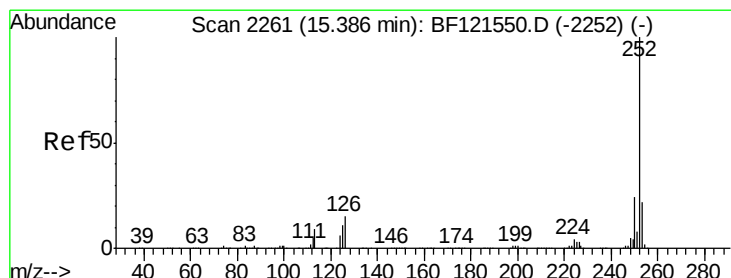
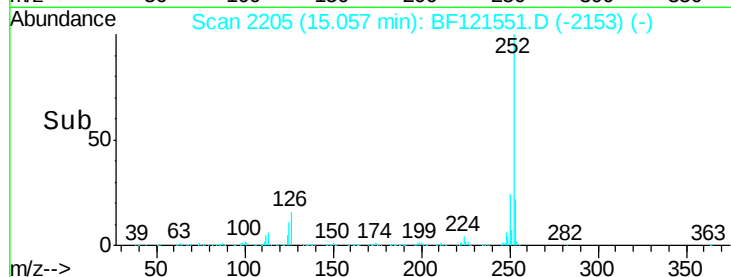
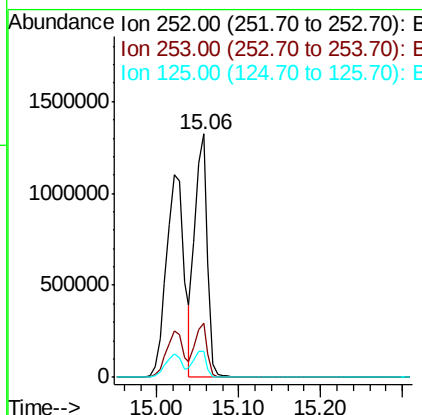
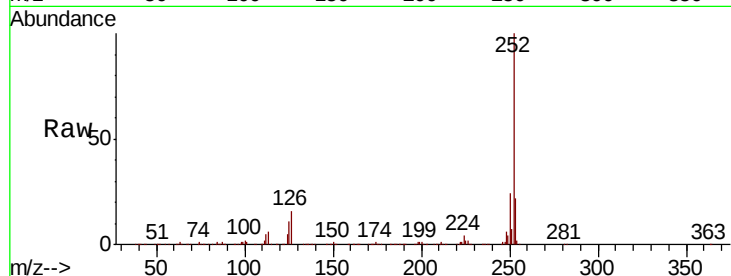




#89
Benzo(k)fluoranthene
Concen: 49.021 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

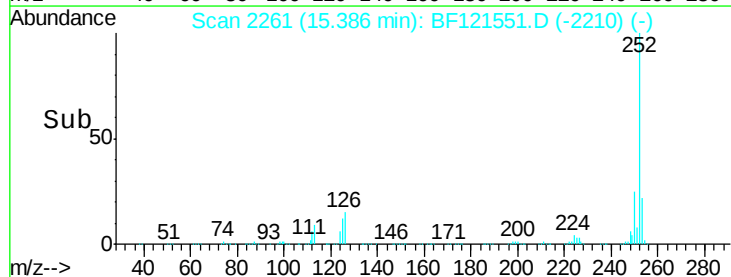
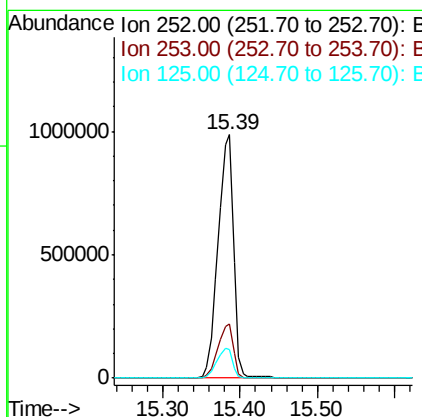
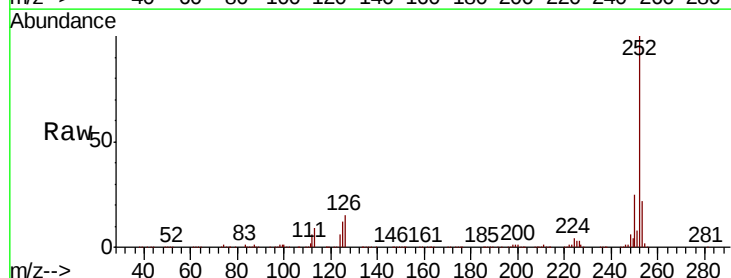
Instrument :
BNA_F
ClientSampleId :

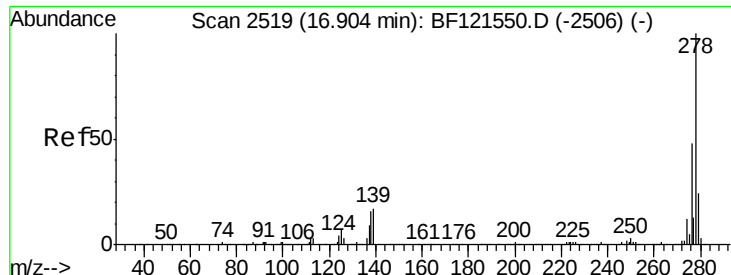
Tot Ion:252 Resp: 1405372
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.5 9.8 14.6



#90
Benzo(a)pyrene
Concen: 49.097 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:252 Resp: 1360742
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.6 9.0 13.4

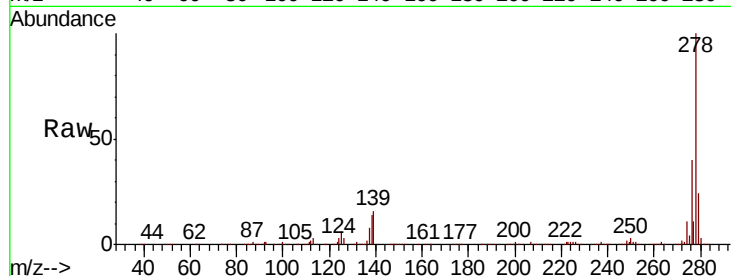




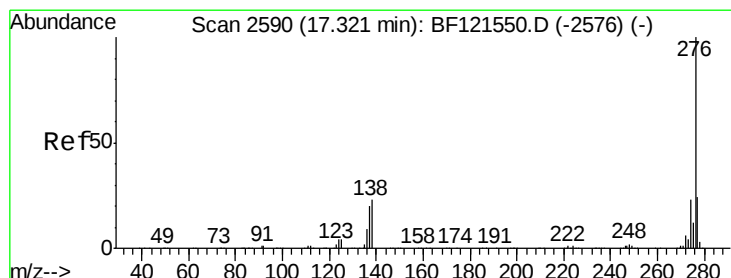
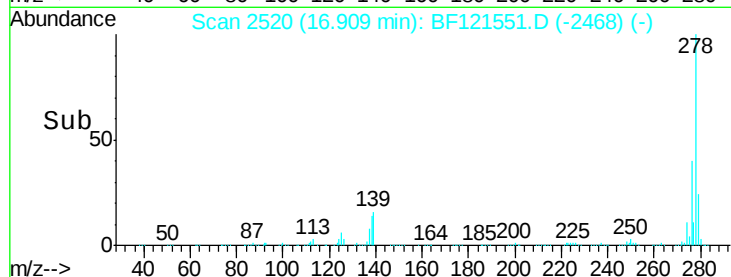
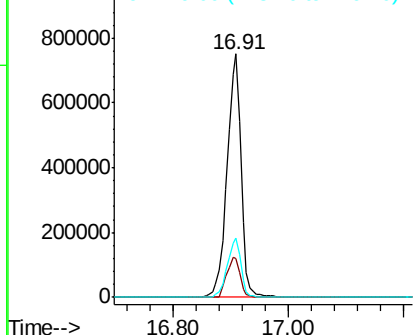
#91
Dibenzo(a,h)anthracene
Concen: 52.931 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1263152
Ion Ratio Lower Upper
278 100
139 16.0 13.9 20.9
279 24.2 19.2 28.8

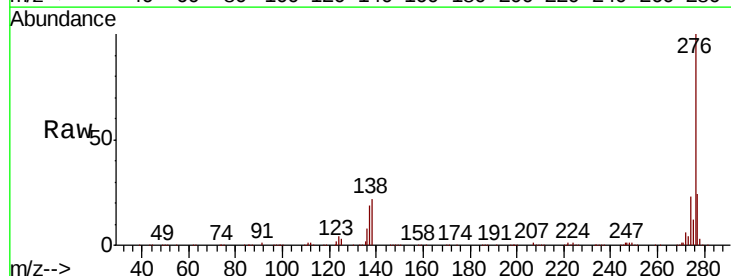


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.307 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion:276 Resp: 1248452
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 22.0 18.7 28.1



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

