

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121627.D
 Acq On : 21 Sep 2020 15:22
 Operator : JU/CG
 Sample : PB131752BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Quant Time: Sep 21 16:07:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170618	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	683380	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	371989	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	696707	20.00	ng	0.00
76) Chrysene-d12	14.00	240	561017	20.00	ng	0.00
86) Perylene-d12	15.46	264	516682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1057351	92.10	ng	0.02
7) Phenol-d6	6.46	99	1397838	92.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	1200187	94.30	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	461618	99.85	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2129383	86.70	ng	0.00
79) Terphenyl-d14	12.94	244	1976062	71.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	193098	36.610	ng	100
3) Pyridine	3.42	79	455537	31.242	ng	99
4) n-Nitrosodimethylamine	3.38	42	246665	36.470	ng	97
6) Aniline	6.48	93	494113	25.188	ng	# 82
8) 2-Chlorophenol	6.61	128	442048	37.817	ng	99
9) Benzaldehyde	6.37	77	256297	26.029	ng	99
10) Phenol	6.47	94	558942	34.848	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	451936	37.385	ng	99
12) 1,3-Dichlorobenzene	6.76	146	485915	37.244	ng	98
13) 1,4-Dichlorobenzene	6.83	146	488387	37.281	ng	98
14) 1,2-Dichlorobenzene	6.99	146	443689	36.765	ng	98
15) Benzyl Alcohol	6.96	79	386772	37.780	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	687290	35.331	ng	94
17) 2-Methylphenol	7.08	107	382661	38.475	ng	98
18) Hexachloroethane	7.33	117	179796	38.330	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	318585	36.701	ng	98
20) 3+4-Methylphenols	7.23	107	446467	37.362	ng	91
22) Acetophenone	7.23	105	611975	35.296	ng	99
24) Nitrobenzene	7.40	77	492481	35.776	ng	98
25) Isophorone	7.65	82	902250	35.215	ng	98
26) 2-Nitrophenol	7.72	139	238419	37.387	ng	97
27) 2,4-Dimethylphenol	7.76	122	406359	35.531	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	560990	35.368	ng	99
29) 2,4-Dichlorophenol	7.96	162	385034	36.963	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	400088	36.469	ng	98
31) Naphthalene	8.13	128	1298196	35.986	ng	100
32) Benzoic acid	7.90	122	287574	35.768	ng	97
33) 4-Chloroaniline	8.17	127	399258	25.532	ng	98
34) Hexachlorobutadiene	8.24	225	238083	36.973	ng	99
35) Caprolactam	8.56	113	76658	22.099	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	420660	37.487	ng	98
37) 2-Methylnaphthalene	8.82	142	872468	36.905	ng	99
38) 1-Methylnaphthalene	8.92	142	819266	37.236	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	401350	34.540	ng	99

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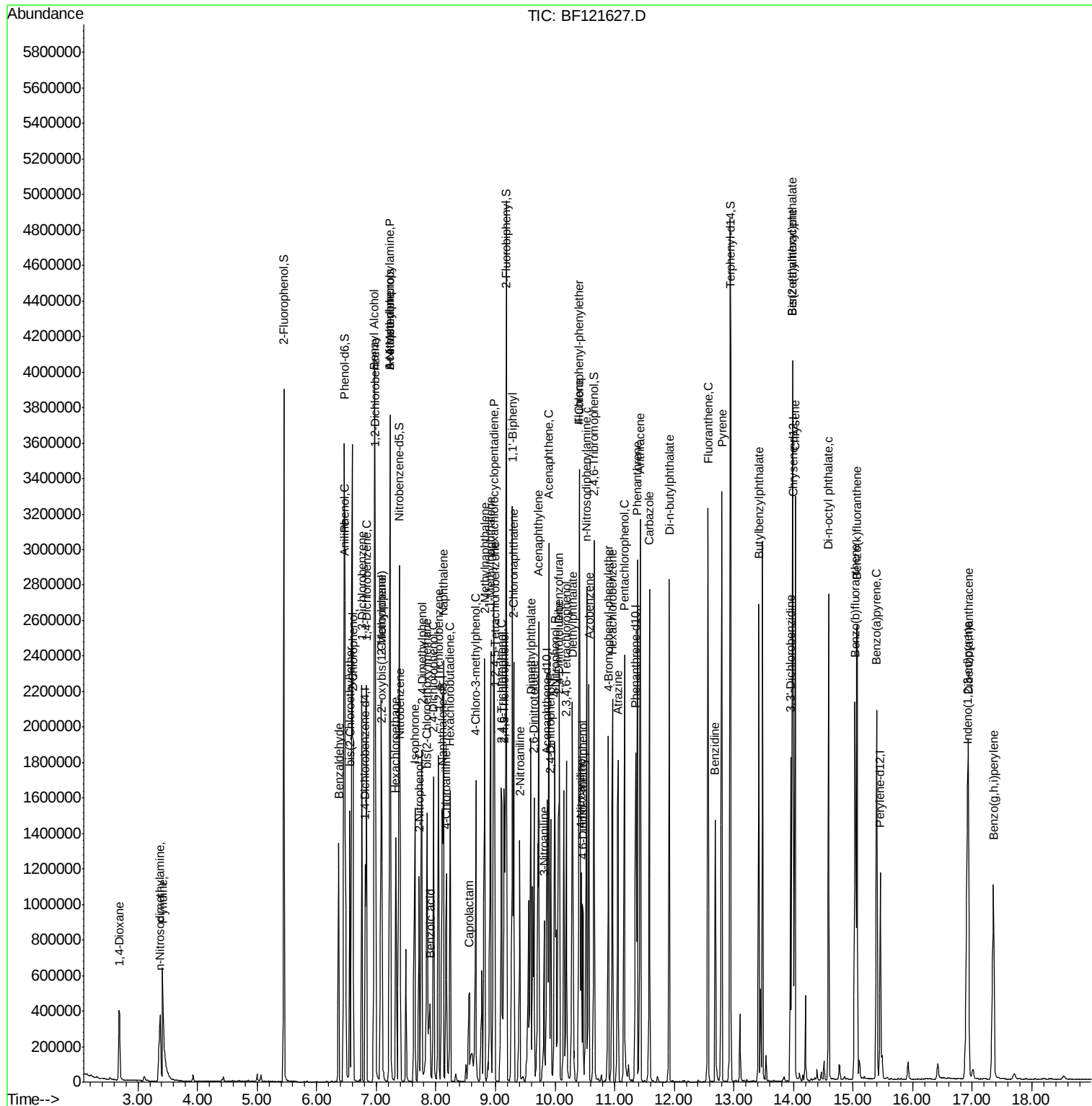
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	447742	67.475	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	298813	37.728	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	289743	34.605	ng	98
46) 1,1'-Biphenyl	9.29	154	1043194	35.030	ng	100
47) 2-Chloronaphthalene	9.31	162	803933	34.257	ng	98
48) 2-Nitroaniline	9.41	65	277798	38.093	ng	97
49) Acenaphthylene	9.73	152	1291820	35.827	ng	100
50) Dimethylphthalate	9.59	163	959614	35.592	ng	100
51) 2,6-Dinitrotoluene	9.65	165	215018	37.448	ng	96
52) Acenaphthene	9.90	154	755045	33.154	ng	99
53) 3-Nitroaniline	9.82	138	167689	25.211	ng	92
54) 2,4-Dinitrophenol	9.93	184	232628	71.347	ng	95
55) Dibenzofuran	10.07	168	1124971	35.076	ng	96
56) 4-Nitrophenol	10.00	139	351146	66.196	ng	97
57) 2,4-Dinitrotoluene	10.06	165	283560	39.255	ng	97
58) Fluorene	10.42	166	856160	34.908	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247511	36.362	ng	99
60) Diethylphthalate	10.29	149	933301	35.505	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	419625	35.716	ng	99
62) 4-Nitroaniline	10.44	138	223213	33.798	ng	99
63) Azobenzene	10.57	77	949115	33.905	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	158344	38.602	ng	99
66) n-Nitrosodiphenylamine	10.53	169	818304	34.235	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	285930	36.046	ng	98
68) Hexachlorobenzene	10.96	284	321909	35.960	ng	100
69) Atrazine	11.06	200	235067	39.584	ng	98
70) Pentachlorophenol	11.16	266	351620	71.522	ng	99
71) Phenanthrene	11.38	178	1299765	34.241	ng	100
72) Anthracene	11.43	178	1340682	34.225	ng	100
73) Carbazole	11.59	167	1198532	33.905	ng	99
74) Di-n-butylphthalate	11.92	149	1389913	34.067	ng	100
75) Fluoranthene	12.57	202	1402375	34.608	ng	99
77) Benzidine	12.69	184	623343	33.515	ng	99
78) Pyrene	12.80	202	1421943	34.690	ng	100
80) Butylbenzylphthalate	13.42	149	591347	35.672	ng	99
81) Benzo(a)anthracene	13.99	228	1247293	35.142	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	371938	26.842	ng	100
83) Chrysene	14.03	228	1242358	34.567	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	742820	33.542	ng	99
85) Di-n-octyl phthalate	14.59	149	1339516	34.273	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1247366	37.071	ng	100
88) Benzo(b)fluoranthene	15.03	252	1325913	38.387	ng	100
89) Benzo(k)fluoranthene	15.07	252	1127773	35.655	ng	99
90) Benzo(a)pyrene	15.40	252	1120536	38.164	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	1033041	36.882	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1021757	37.111	ng	98

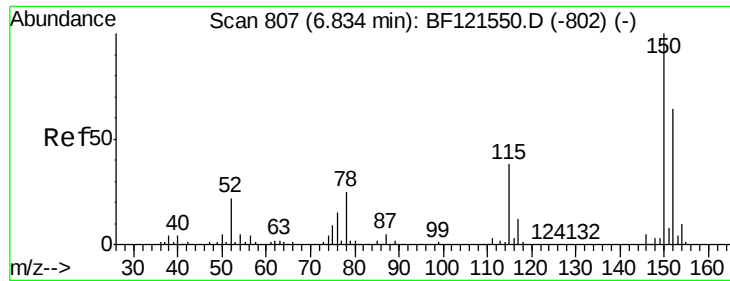
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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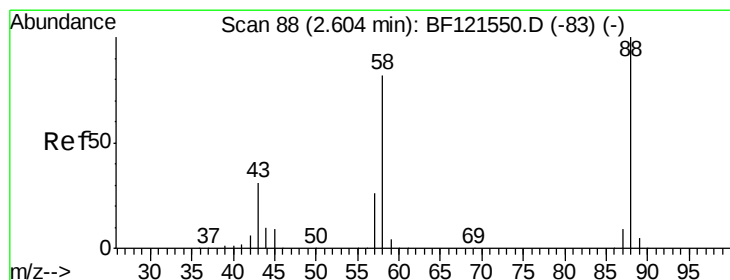
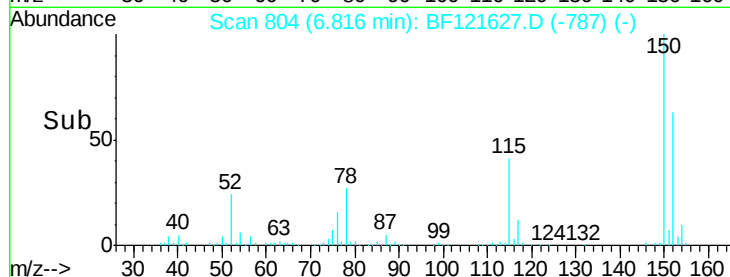
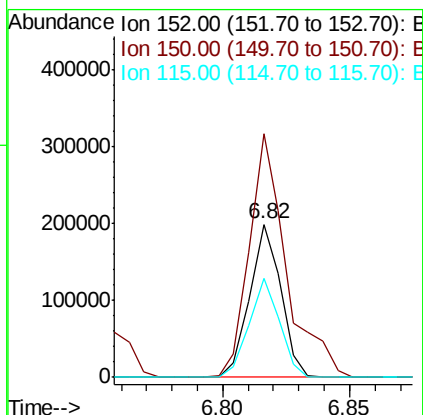
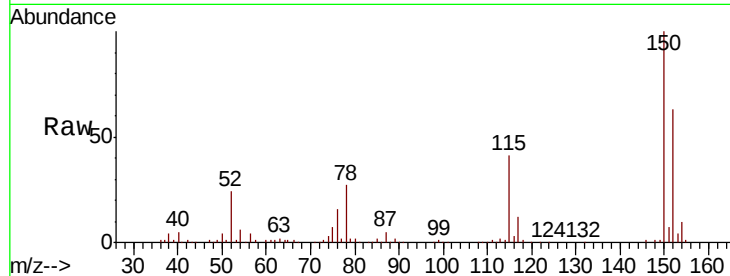


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
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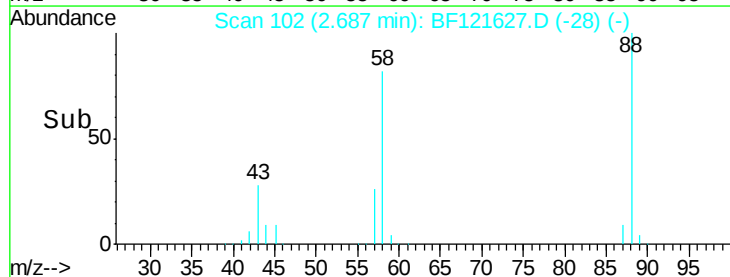
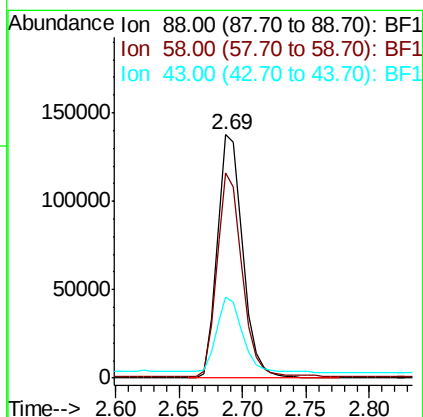
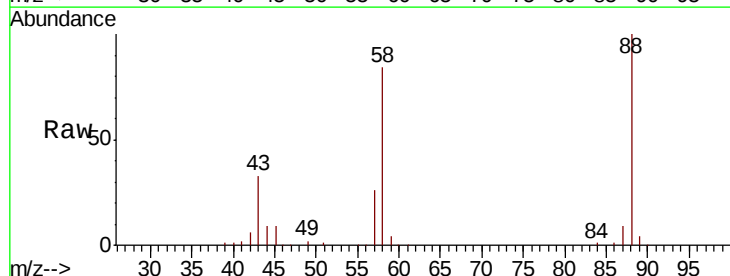
Tot Ion:152 Resp: 170618
Ion Ratio Lower Upper
152 100
150 159.3 128.1 192.1
115 65.2 52.6 79.0

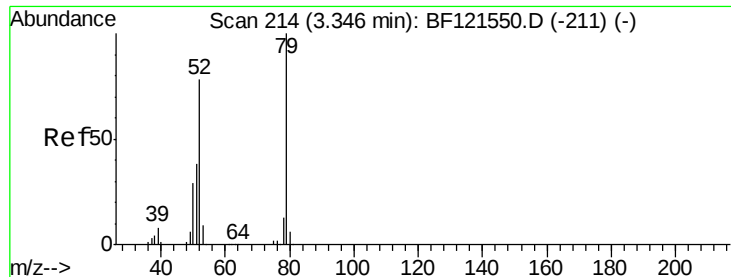


#2

1,4-Dioxane
Concen: 36.610 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.14 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion: 88 Resp: 193098
Ion Ratio Lower Upper
88 100
58 82.0 65.4 98.0
43 30.9 24.9 37.3





#3

Pvridine

Concen: 31.242 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.12 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

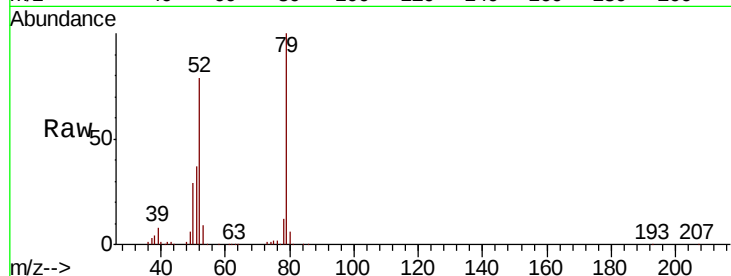
Tot Ion: 79 Resp: 45537

Ion Ratio Lower Upper

79 100

52 79.2 63.4 95.0

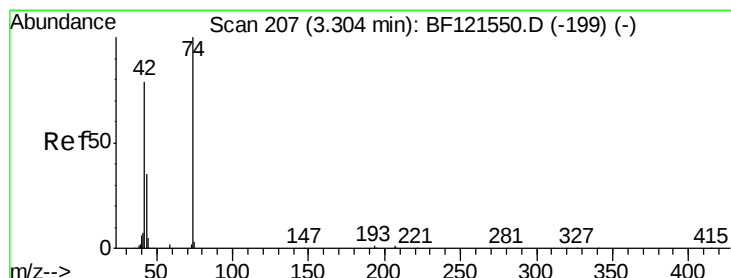
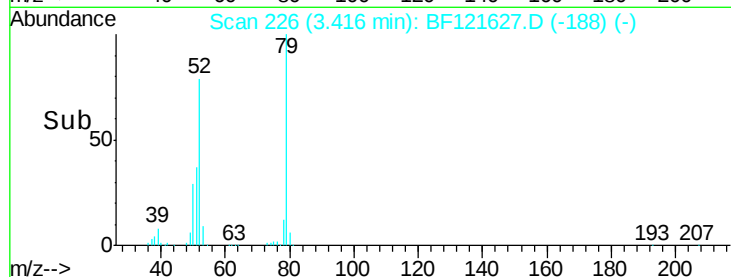
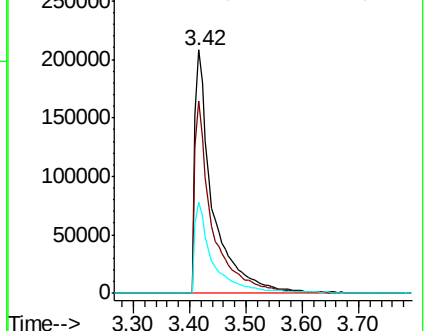
51 37.3 30.7 46.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.470 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.12 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

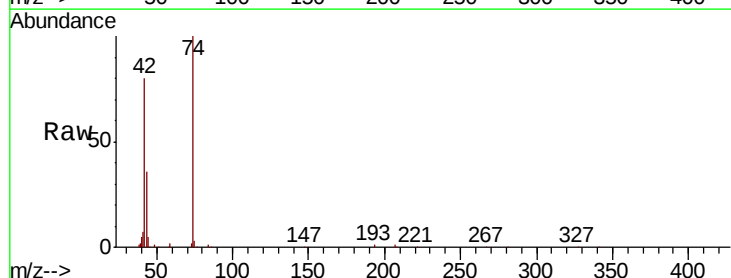
Tgt Ion: 42 Resp: 246665

Ion Ratio Lower Upper

42 100

74 124.7 102.6 154.0

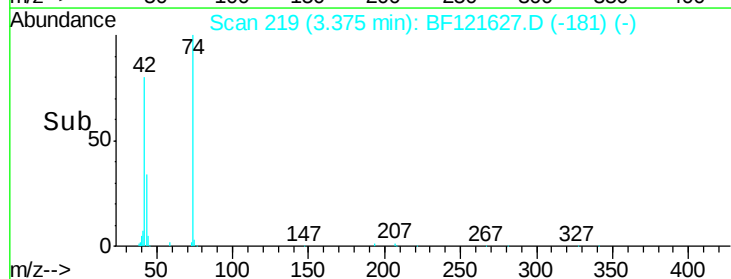
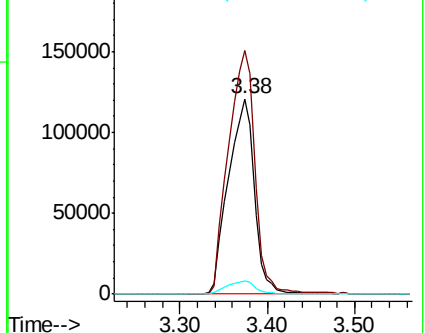
44 6.7 6.0 9.0

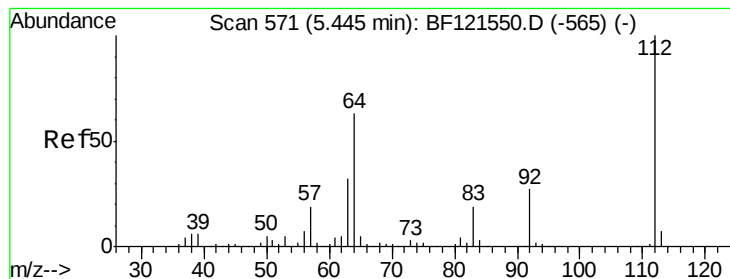


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.098 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

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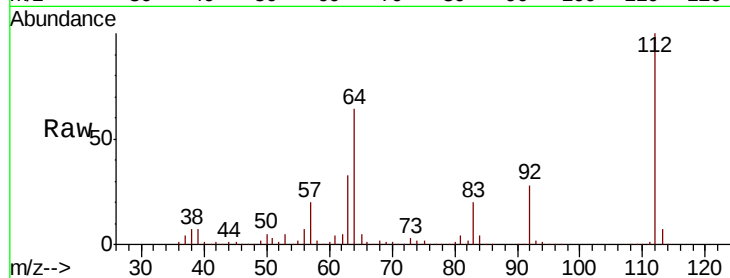
Tot Ion:112 Resp: 1057351

Ion Ratio Lower Upper

112 100

64 63.9 52.2 78.2

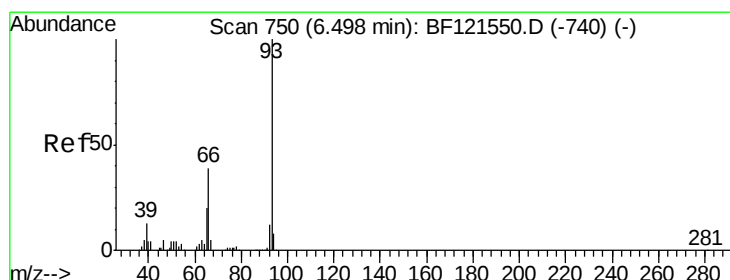
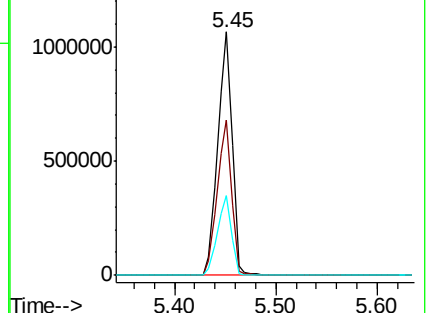
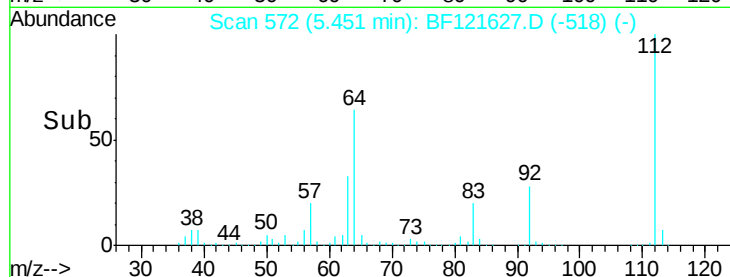
63 33.0 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.188 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

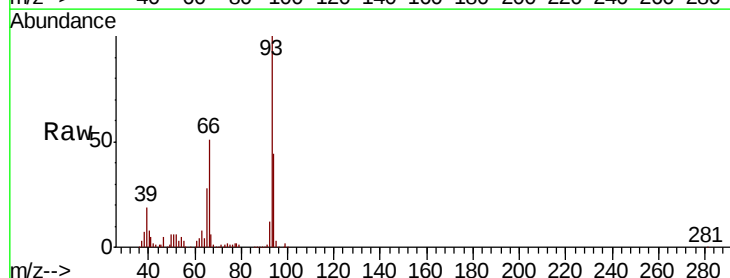
Tgt Ion: 93 Resp: 494113

Ion Ratio Lower Upper

93 100

66 50.6 31.9 47.9#

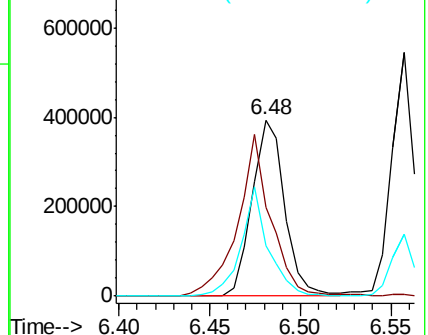
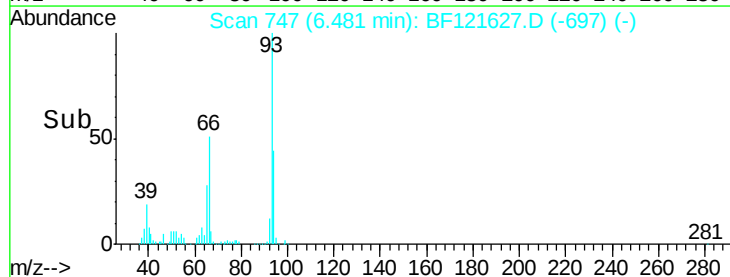
65 28.4 16.1 24.1#

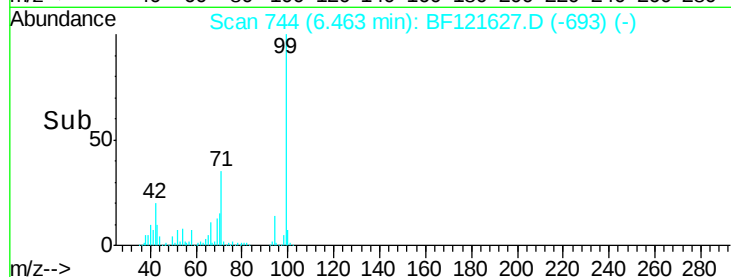
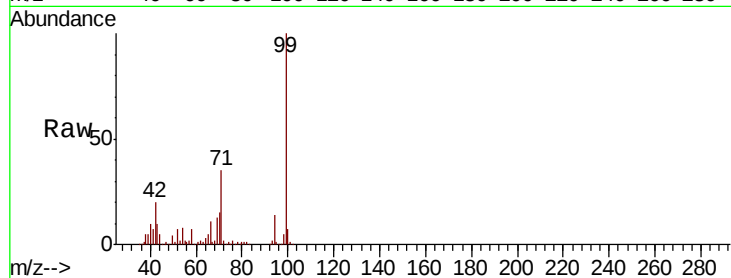
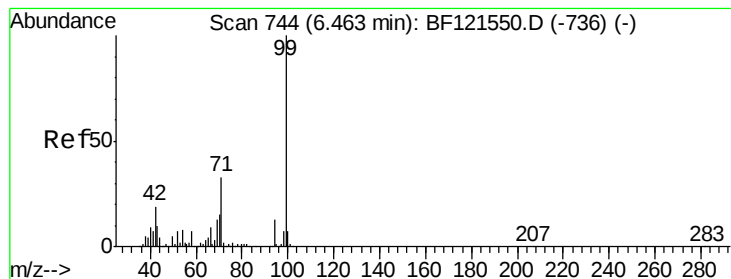


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.805 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

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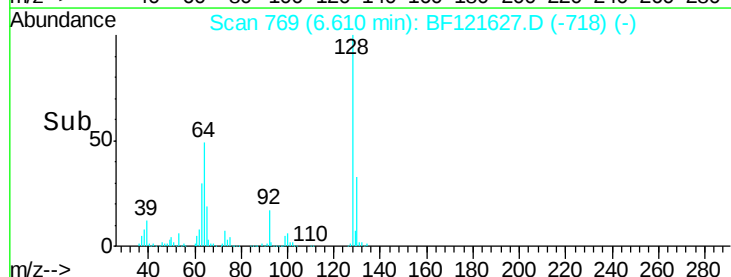
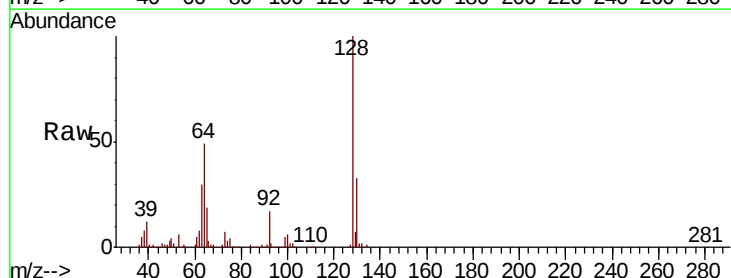
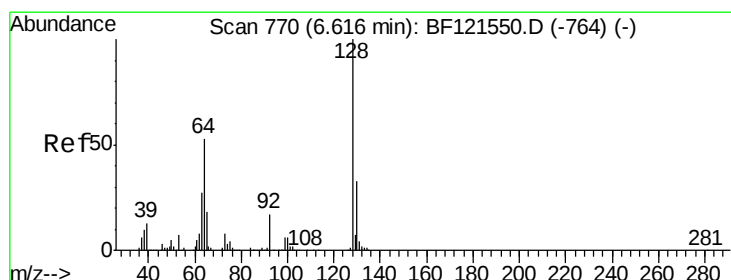
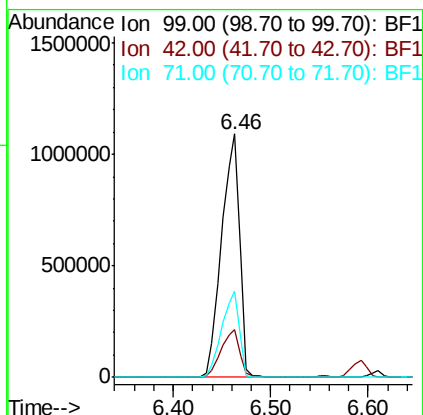
Tot Ion: 99 Resp: 1397838

Ion Ratio Lower Upper

99 100

42 19.8 15.5 23.3

71 35.3 27.4 41.2



#8

2-Chlorophenol

Concen: 37.817 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

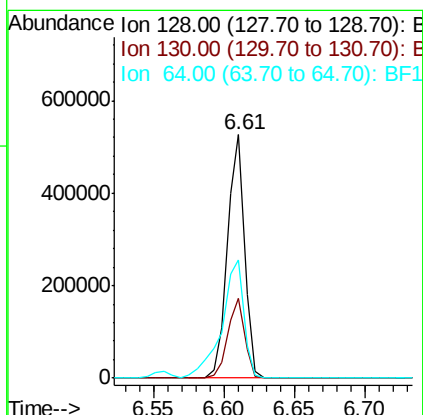
Tgt Ion: 128 Resp: 442048

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

64 48.6 29.3 69.3





#9

Benzaldehyde

Concen: 26.029 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

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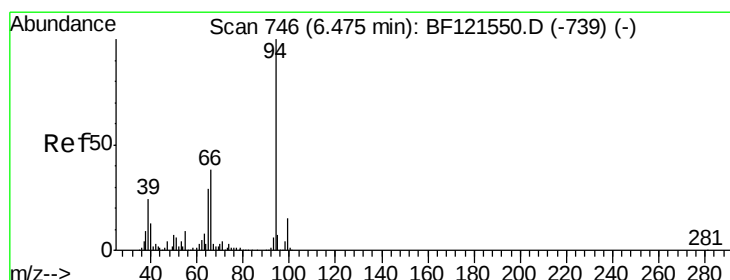
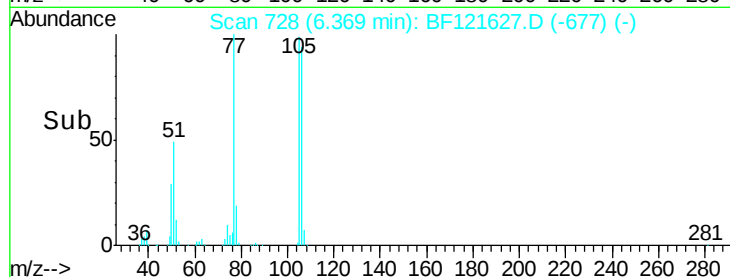
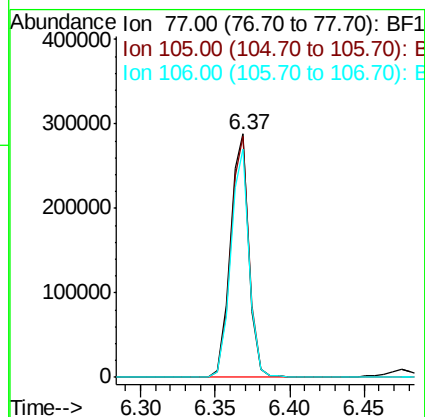
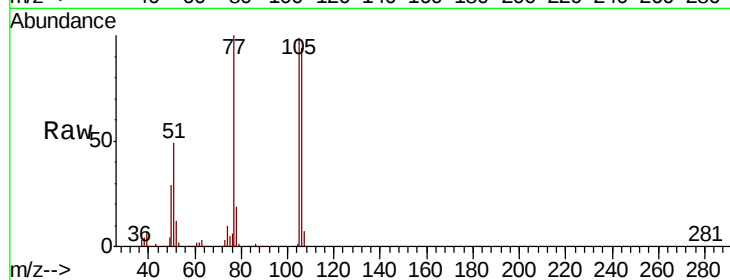
Tot Ion: 77 Resp: 256297

Ion Ratio Lower Upper

77 100

105 99.3 79.2 119.2

106 93.9 72.9 112.9



#10

Phenol

Concen: 34.848 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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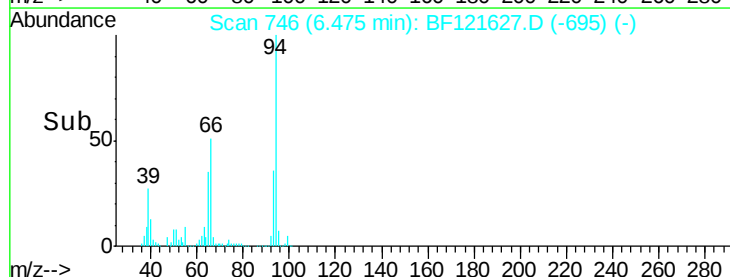
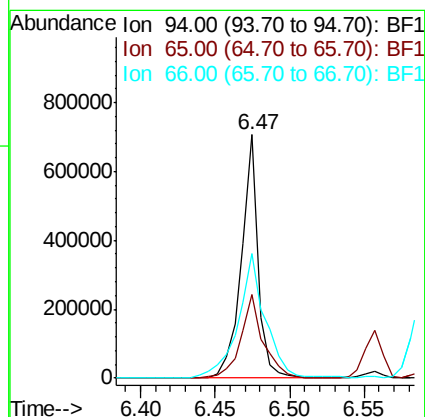
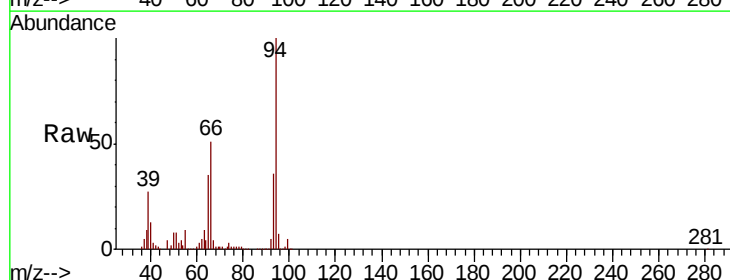
Tgt Ion: 94 Resp: 558942

Ion Ratio Lower Upper

94 100

65 34.5 17.8 57.8

66 51.1 37.8 77.8

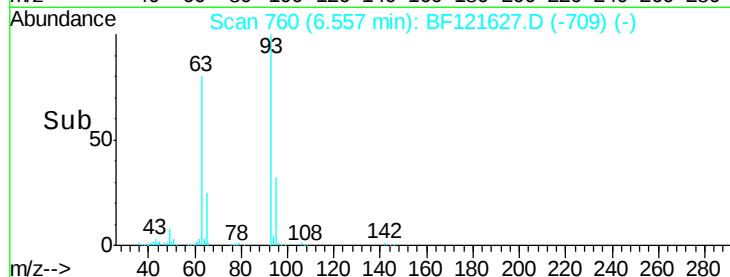
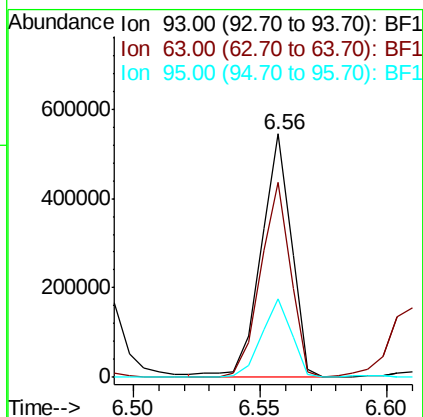
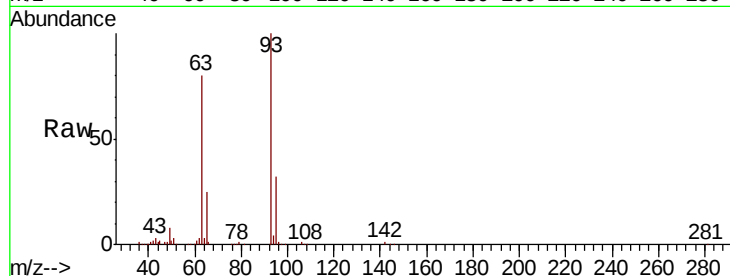




#11
bis(2-Chloroethyl)ether
Concen: 37.385 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

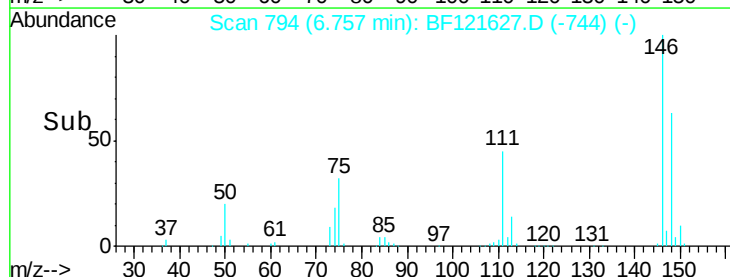
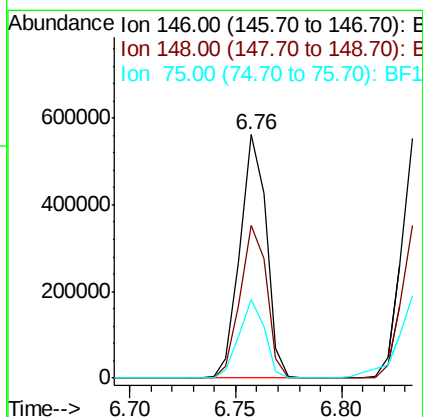
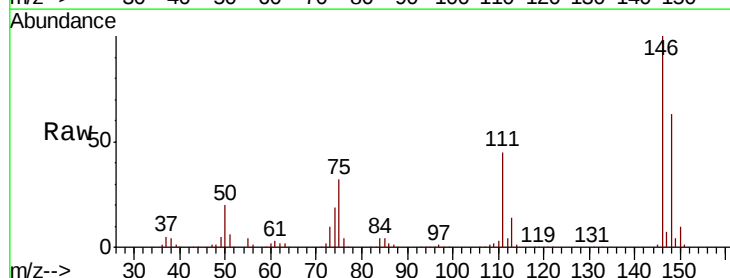
Instrument :
BNA_F
ClientSampleId :
PB131752BS

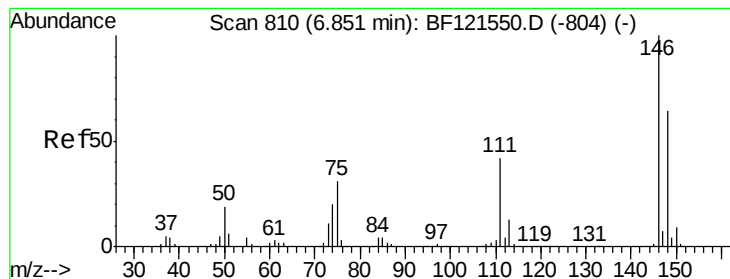
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	60.3	100.3
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 37.244 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
75	32.4	23.5	35.3





#13

1,4-Dichlorobenzene

Concen: 37.281 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

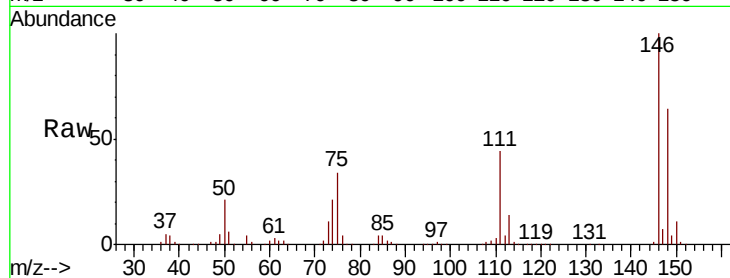
Tot Ion:146 Resp: 488387

Ion Ratio Lower Upper

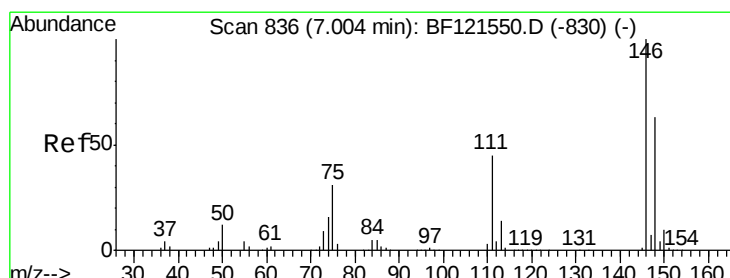
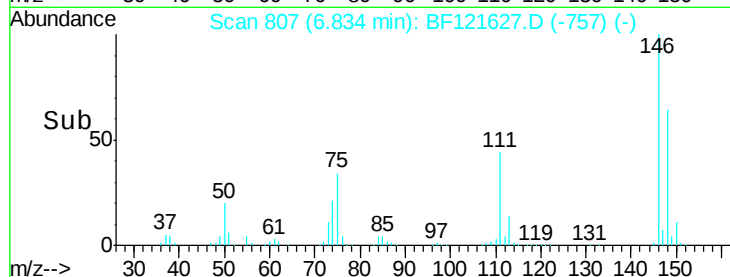
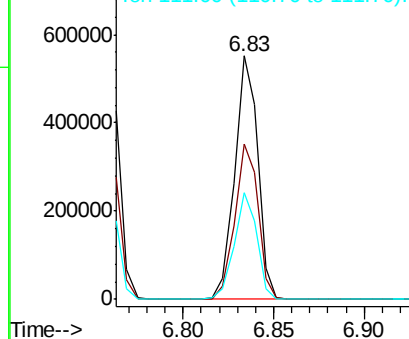
146 100

148 63.9 51.9 77.9

111 43.6 32.7 49.1



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: 36.765 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

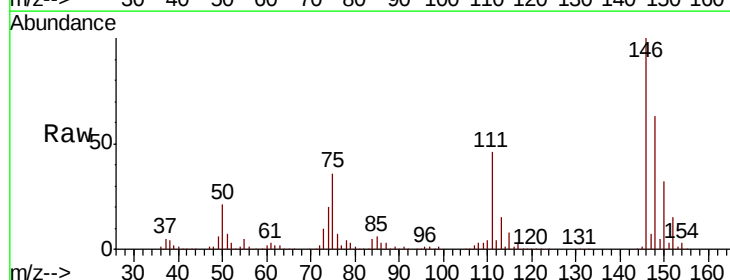
Tgt Ion:146 Resp: 443689

Ion Ratio Lower Upper

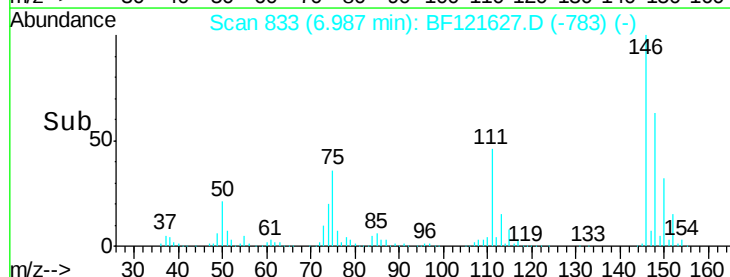
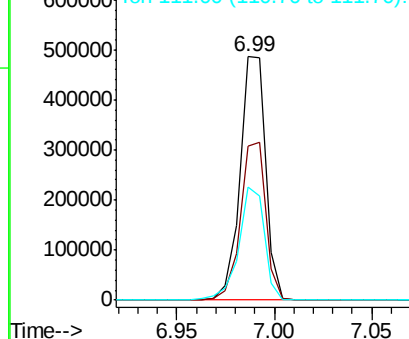
146 100

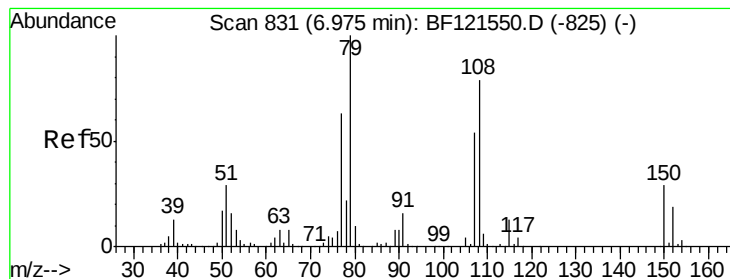
148 63.3 51.3 76.9

111 46.2 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.780 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

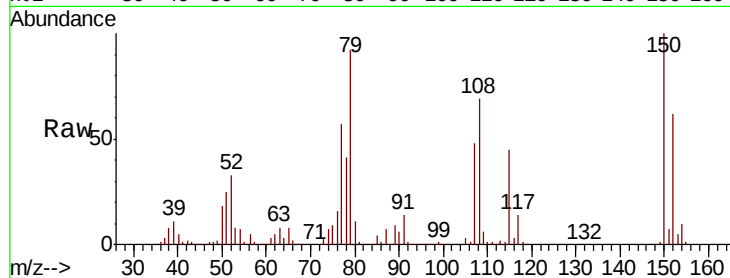
Tot Ion: 79 Resp: 386772

Ion Ratio Lower Upper

79 100

108 75.8 60.2 90.2

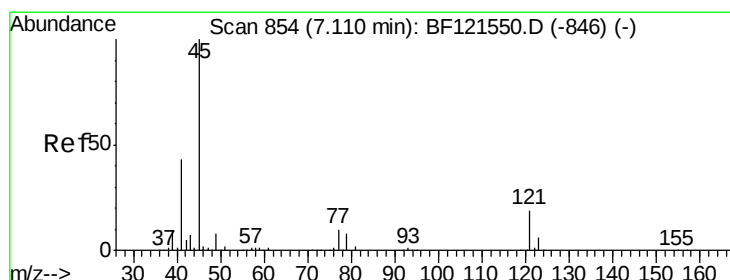
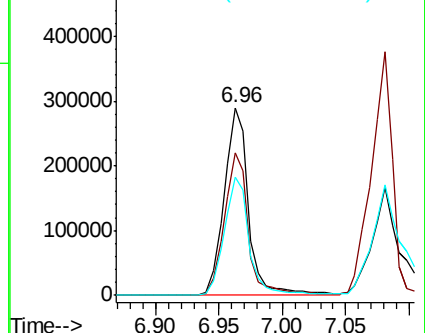
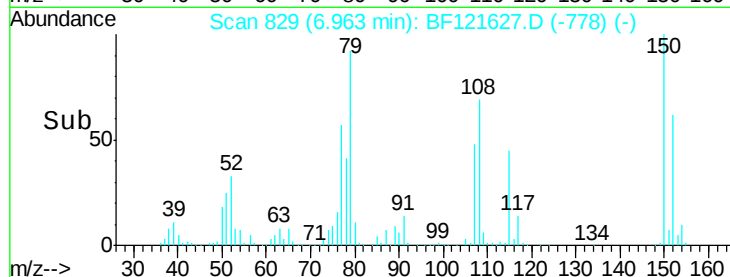
77 62.8 50.6 76.0



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: 35.331 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

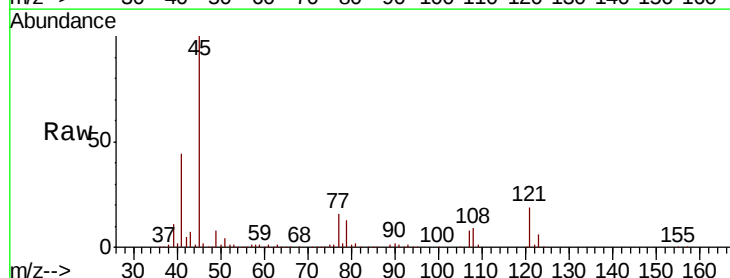
Tgt Ion: 45 Resp: 687290

Ion Ratio Lower Upper

45 100

77 16.4 0.0 33.8

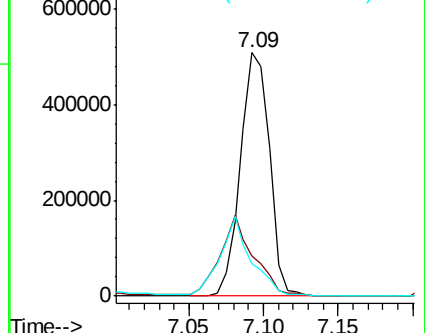
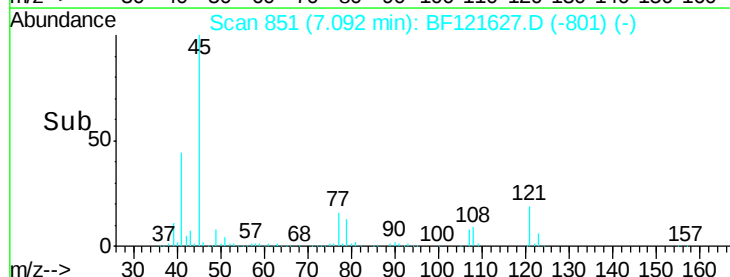
79 13.1 0.0 31.2

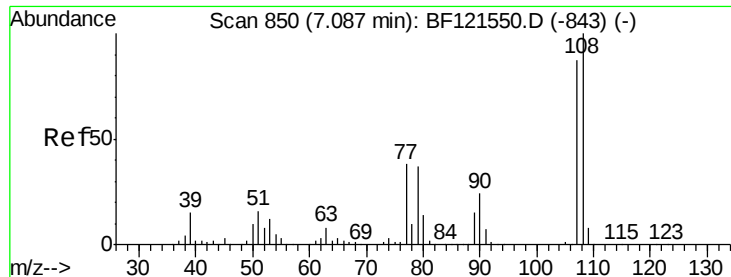


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

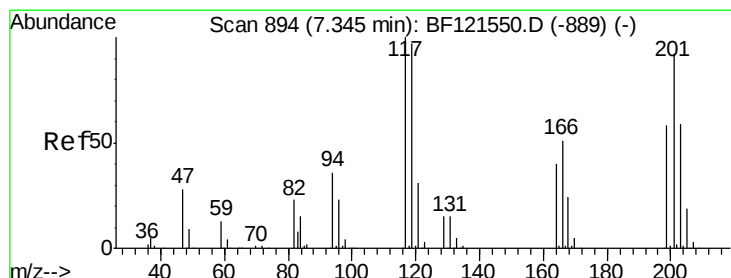
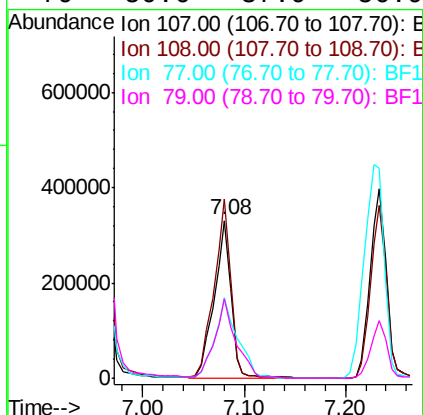
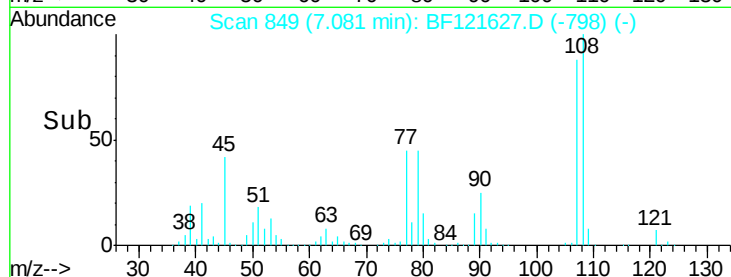
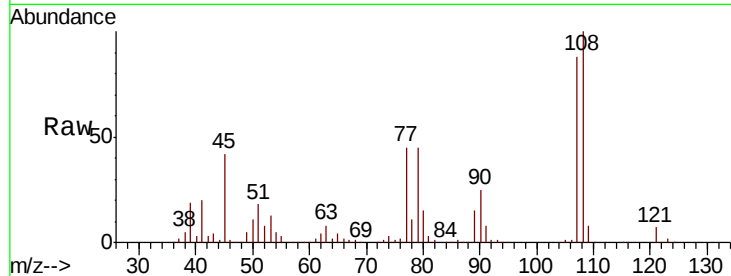




#17
2-Methylphenol
Concen: 38.475 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

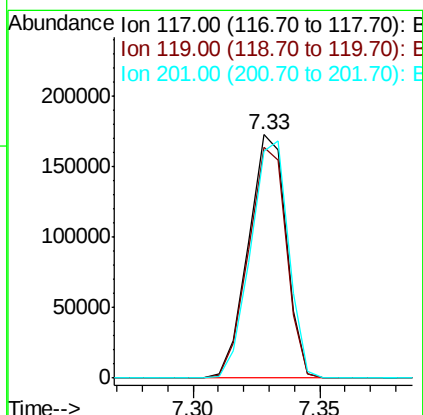
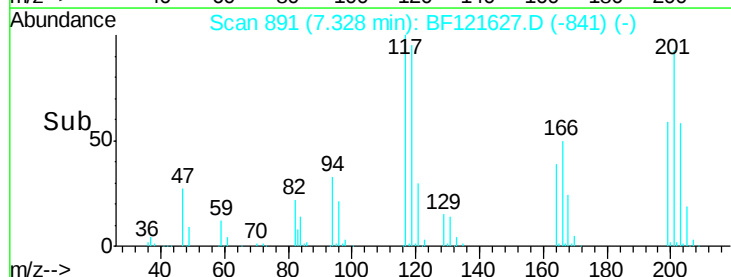
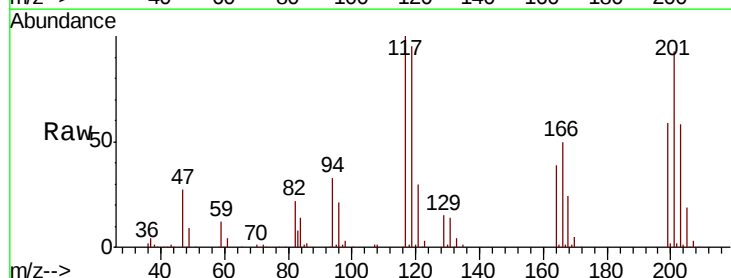
Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion:	107	Resp:	382661
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.6	135.8
77	51.3	38.7	58.1
79	50.6	37.9	56.9



#18
Hexachloroethane
Concen: 38.330 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:	117	Resp:	179796
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.7	113.5
201	93.1	77.5	116.3

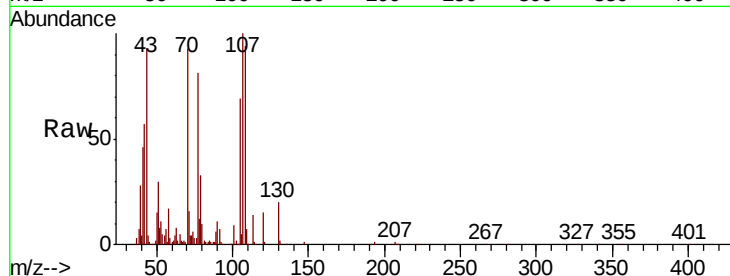




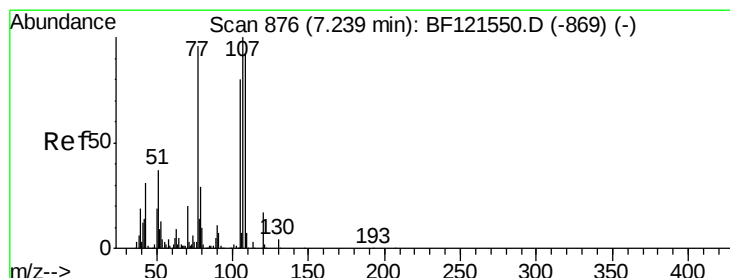
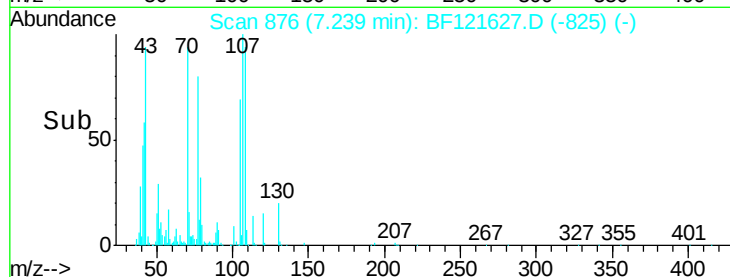
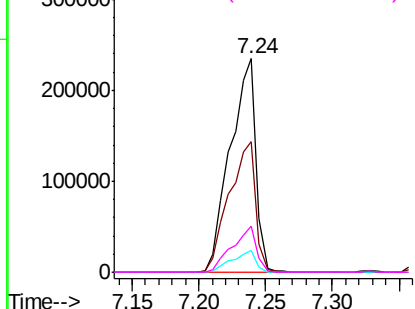
#19
n-Nitroso-di-n-propylamine
Concen: 36.701 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion:	70	Resp:	318585
Ion	Ratio	Lower	Upper
70	100		
42	61.4	48.3	72.5
101	10.0	7.6	11.4
130	21.3	15.9	23.9

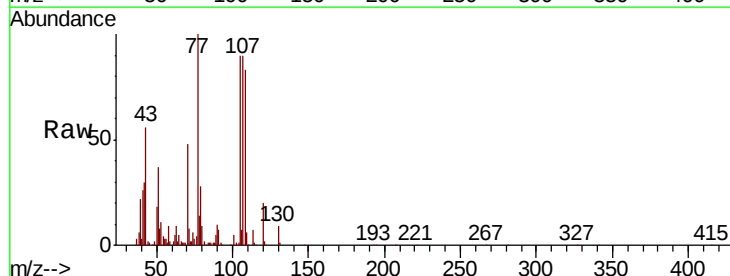


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

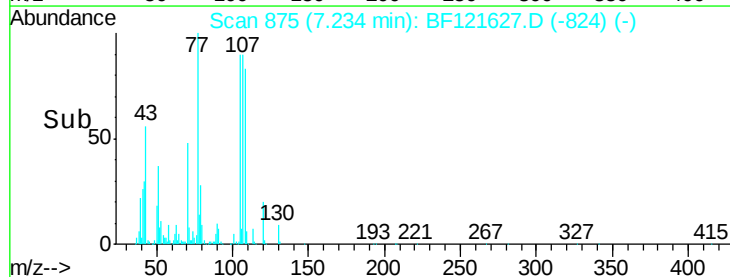
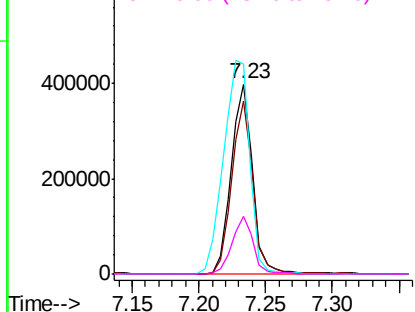


#20
3+4-Methylphenols
Concen: 37.362 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:	107	Resp:	446467
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.0	107.0
77	110.5	107.7	147.7
79	30.5	10.3	50.3



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

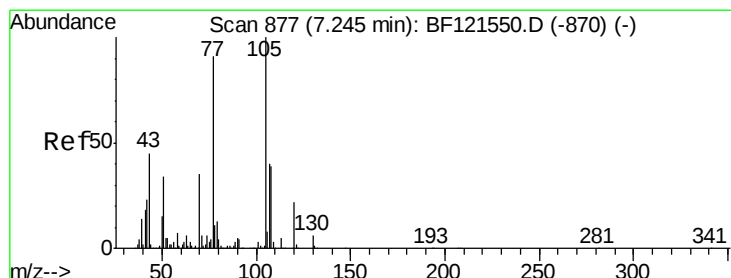
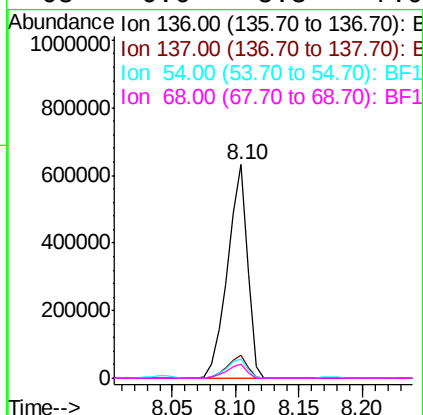
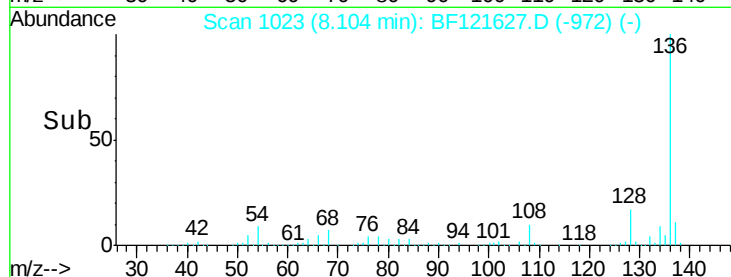
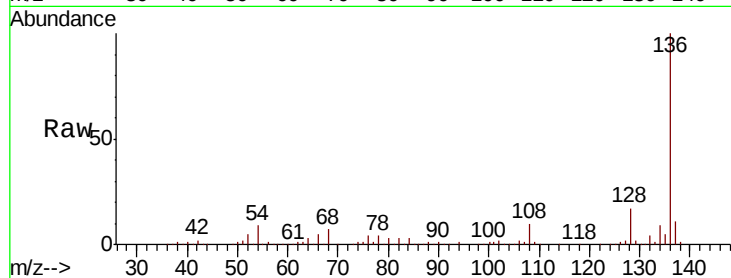




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

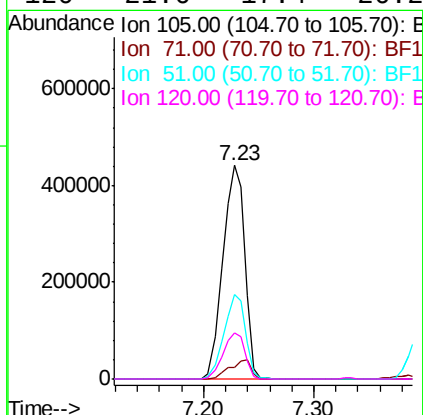
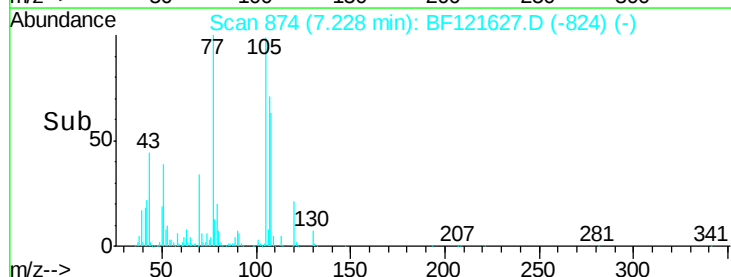
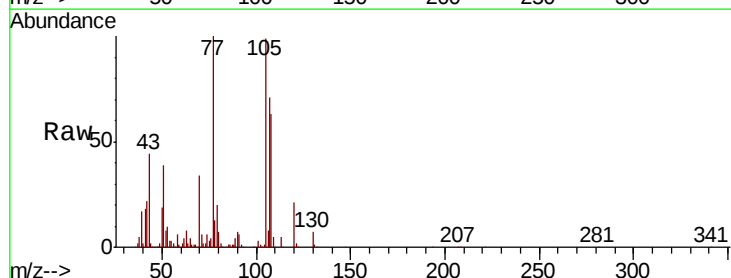
Instrument :
BNA_F
ClientSampleId :
PB131752BS

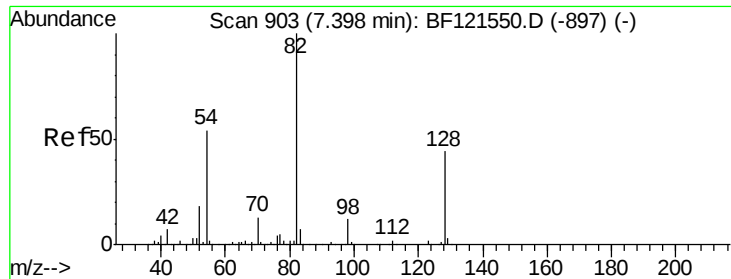
Tot Ion:136	Resp:	683380
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.7	7.4 11.0
68	6.6	5.3 7.9



#22
Acetophenone
Concen: 35.296 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:105	Resp:	611975
Ion Ratio	Lower	Upper
105	100	
71	5.6	5.5 8.3
51	39.3	31.7 47.5
120	21.6	17.4 26.2

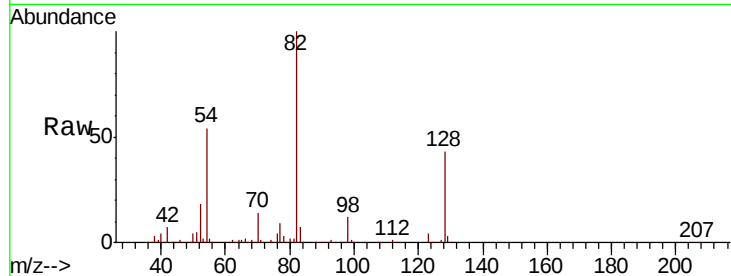




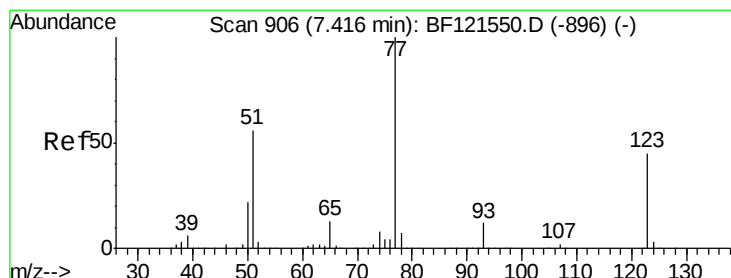
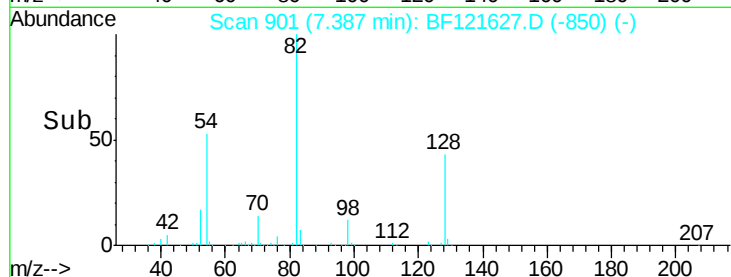
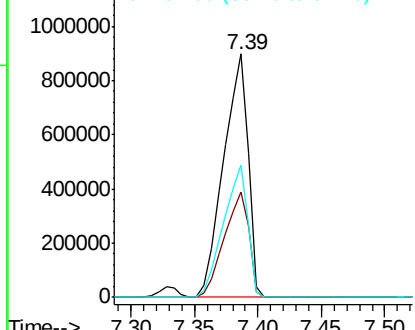
#23
Nitrobenzene-d5
Concen: 94.296 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion: 82 Resp: 1200187
Ion Ratio Lower Upper
82 100
128 43.3 33.9 50.9
54 54.1 42.9 64.3

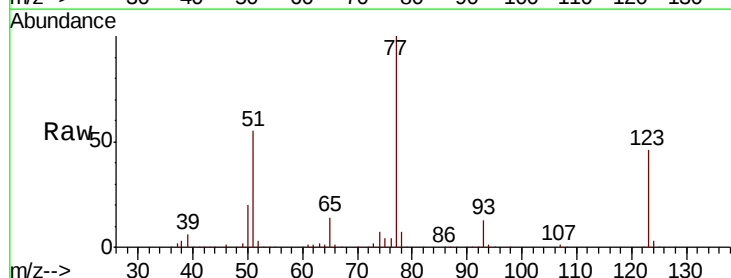


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

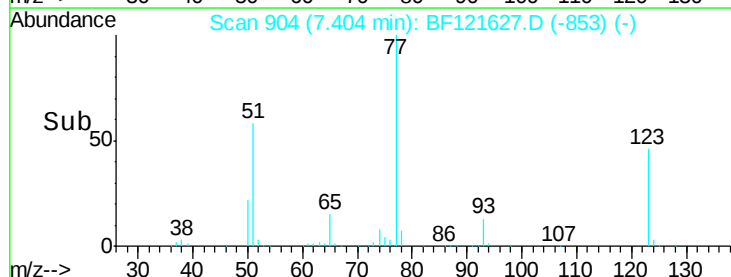
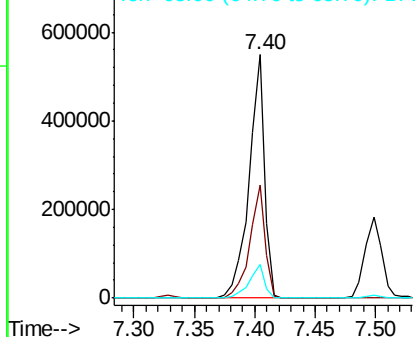


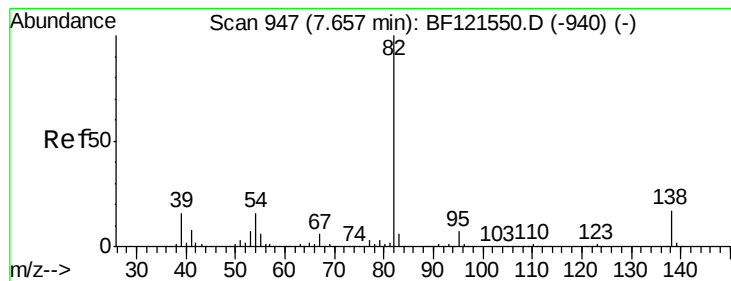
#24
Nitrobenzene
Concen: 35.776 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion: 77 Resp: 492481
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.8
65 13.7 11.2 16.8



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: 35.215 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

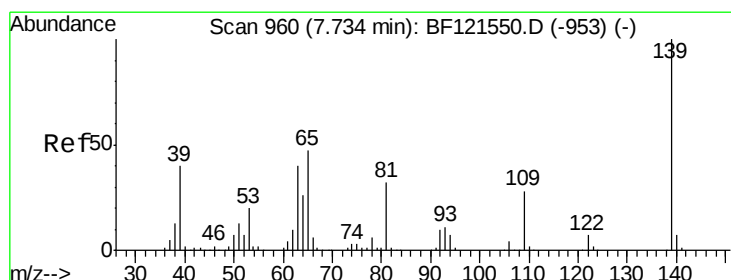
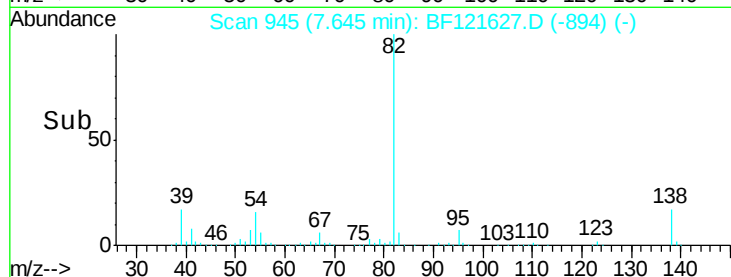
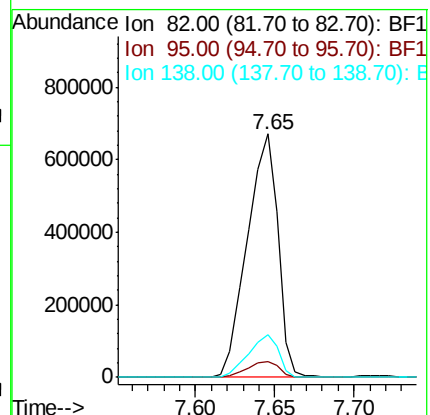
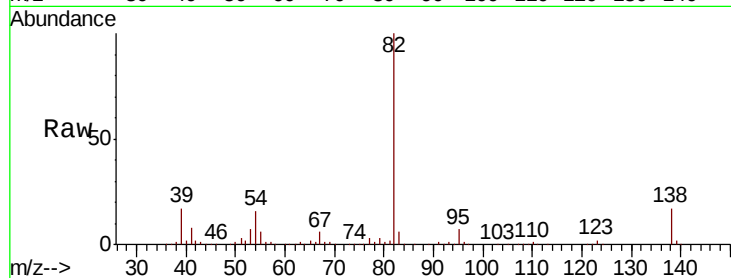
Tot Ion: 82 Resp: 902250

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 17.4 13.2 19.8



#26

2-Nitrophenol

Concen: 37.387 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

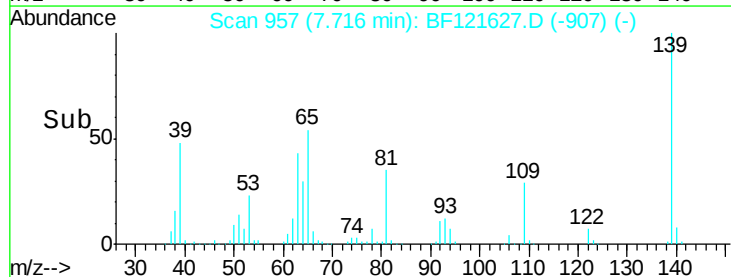
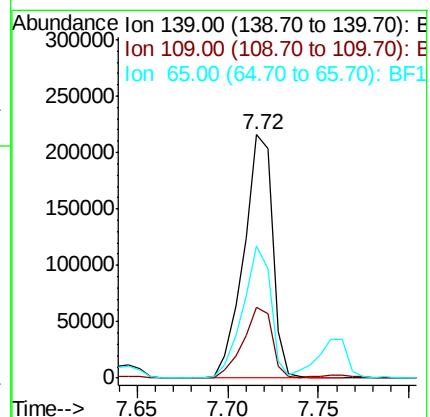
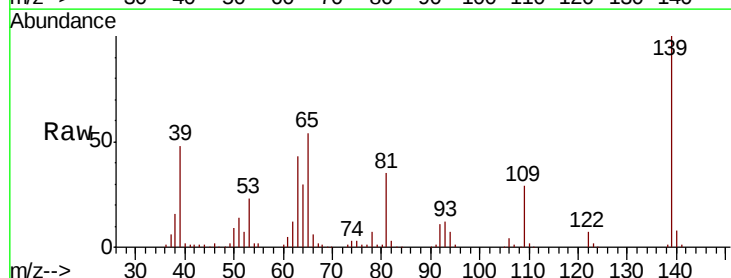
Tgt Ion: 139 Resp: 238419

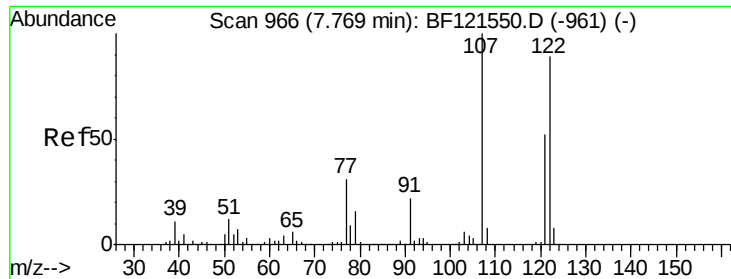
Ion Ratio Lower Upper

139 100

109 29.3 23.4 35.2

65 54.2 41.0 61.4

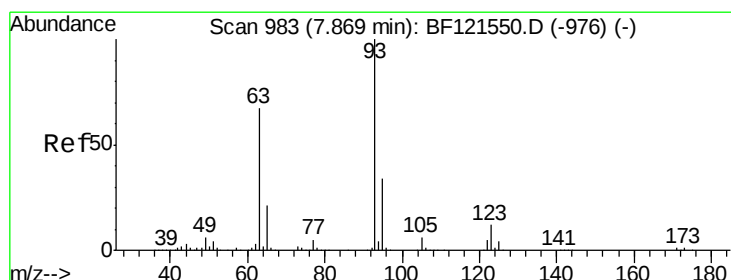
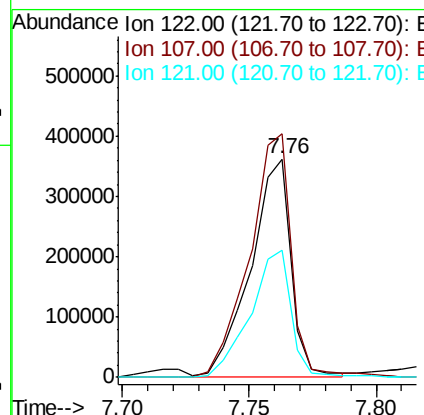
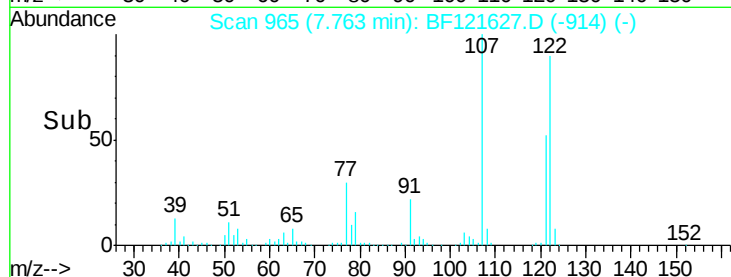
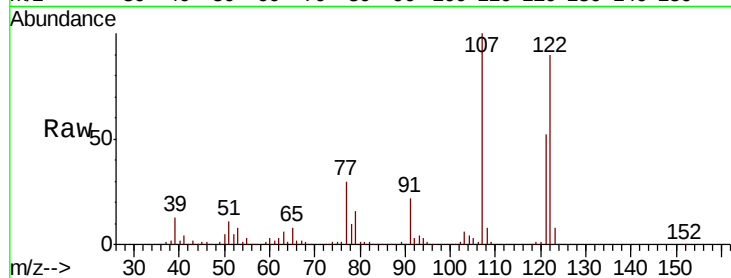




#27
2,4-Dimethylphenol
Concen: 35.531 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

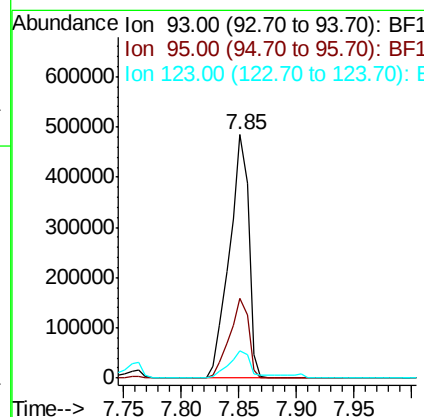
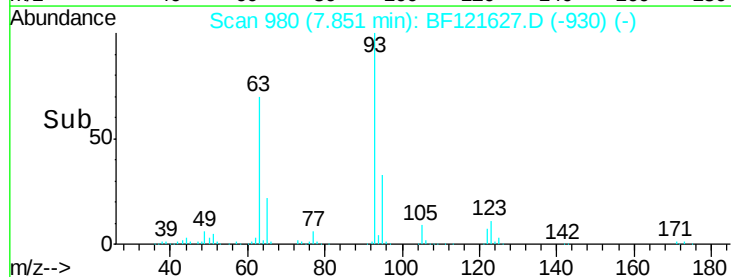
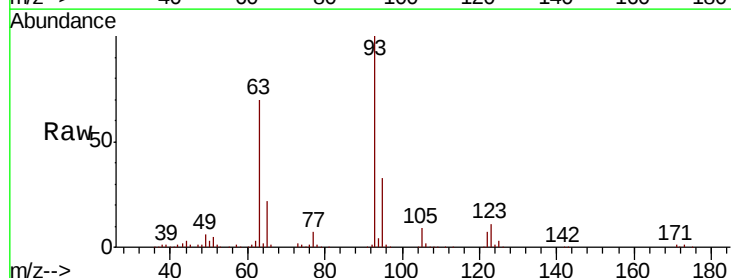
Instrument :
BNA_F
ClientSampleId :
PB131752BS

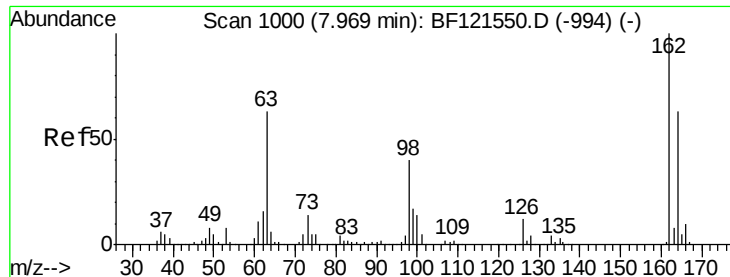
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	91.4	137.0
121	58.4	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 35.368 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.3	9.3	13.9

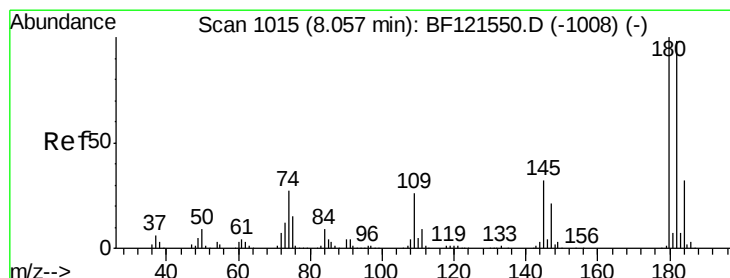
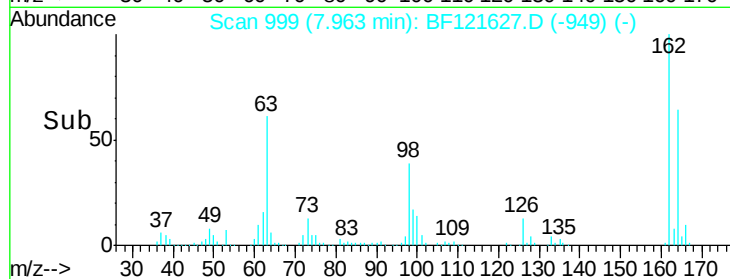
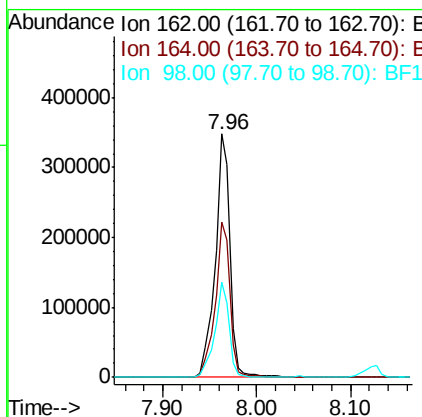
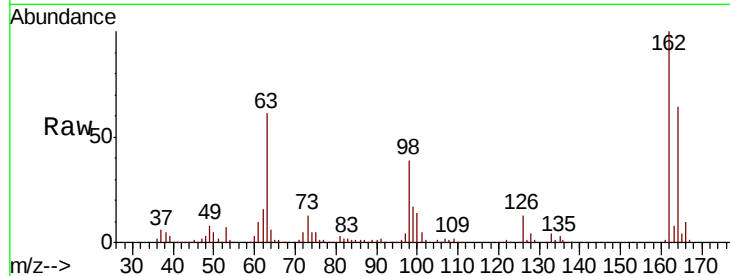




#29
 2,4-Dichlorophenol
 Concen: 36.963 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

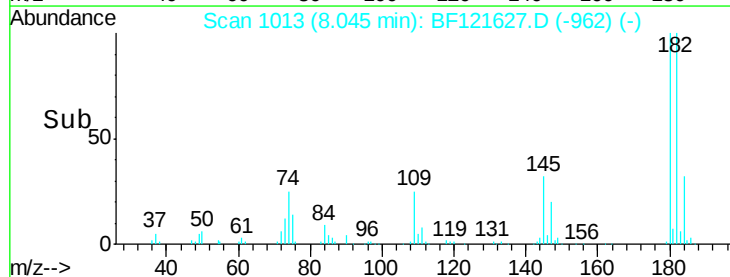
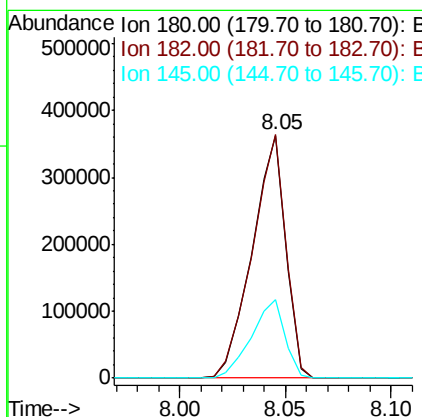
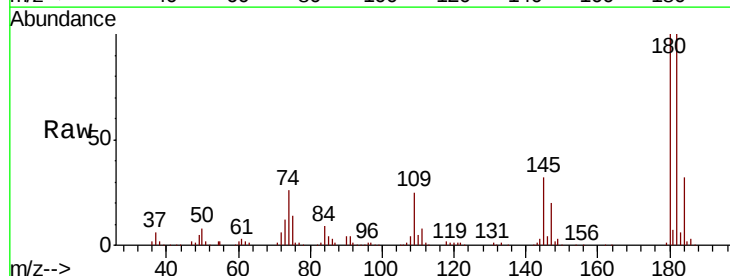
Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

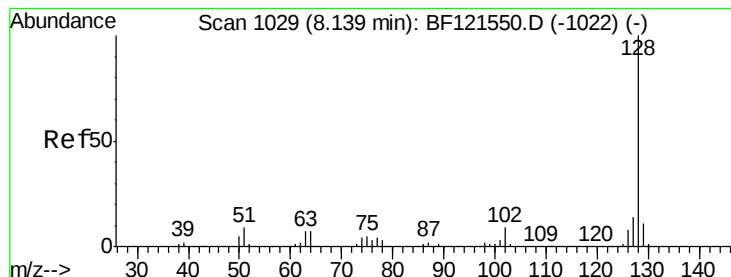
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	39.0	16.7	56.7



#30
 1,2,4-Trichlorobenzene
 Concen: 36.469 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	78.6	117.8
145	32.5	26.2	39.2





#31

Naphthalene

Concen: 35.986 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

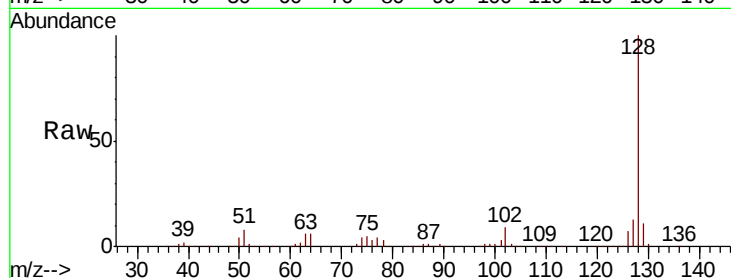
Tot Ion:128 Resp: 1298196

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

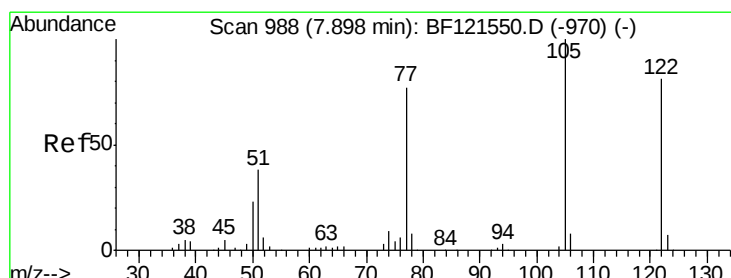
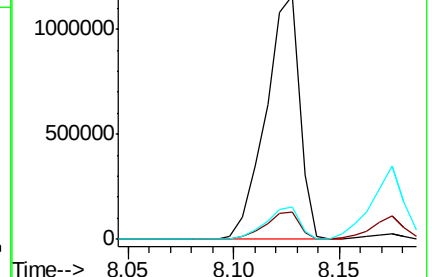
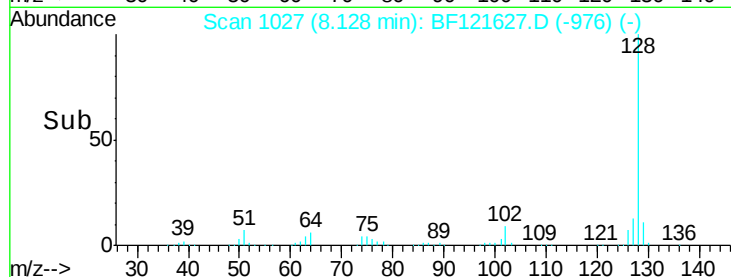
127 13.4 10.8 16.2



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: 35.768 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

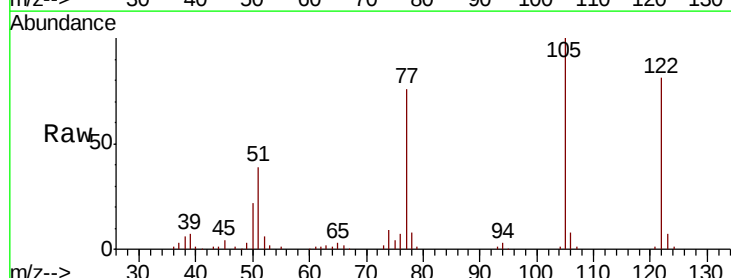
Tgt Ion:122 Resp: 287574

Ion Ratio Lower Upper

122 100

105 123.7 101.9 141.9

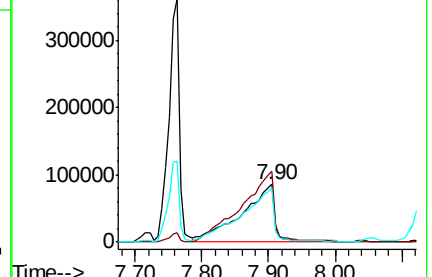
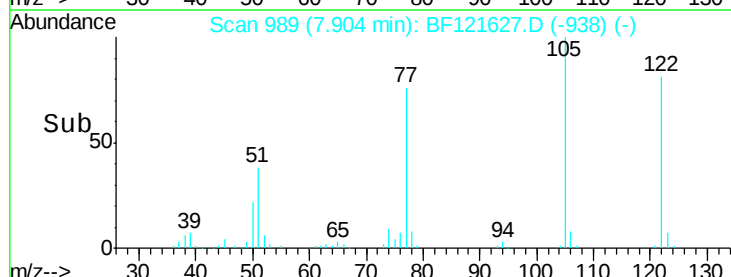
77 94.4 69.0 109.0



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

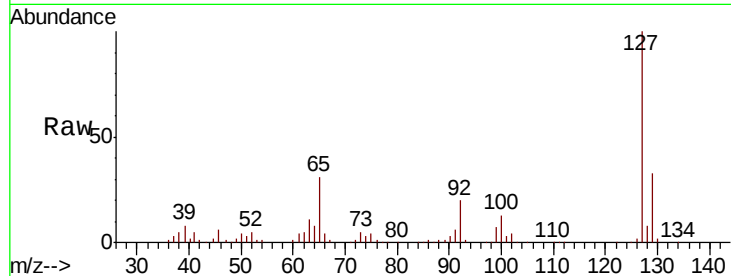




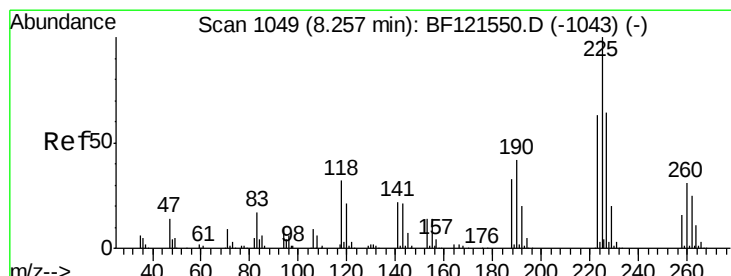
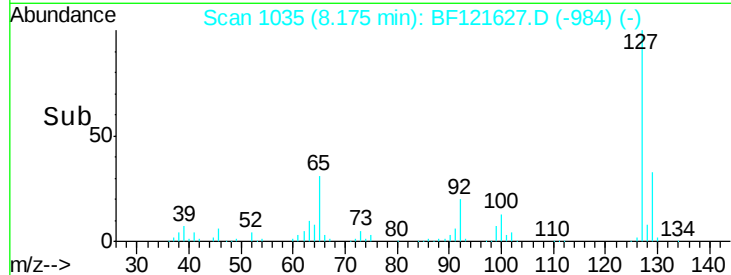
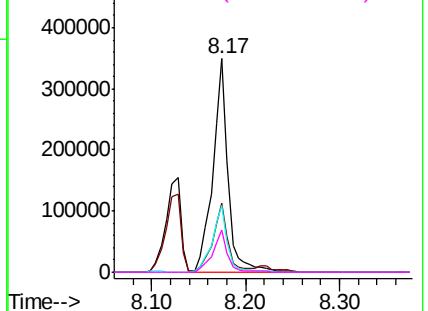
#33
4-Chloroaniline
Concen: 25.532 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion:	127	Resp:	399258
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	31.2	26.3	39.5
92	19.7	16.2	24.4

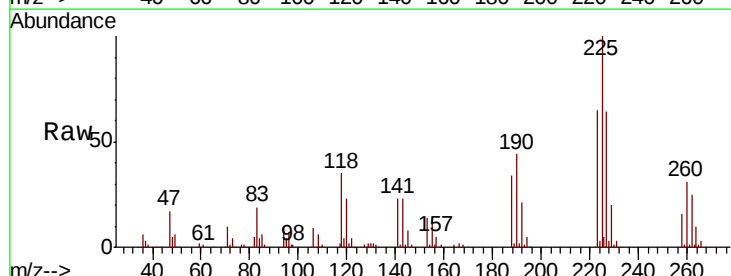


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

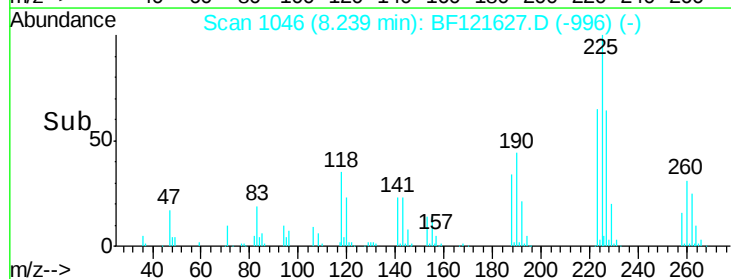
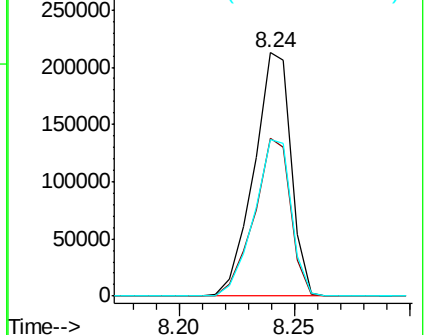


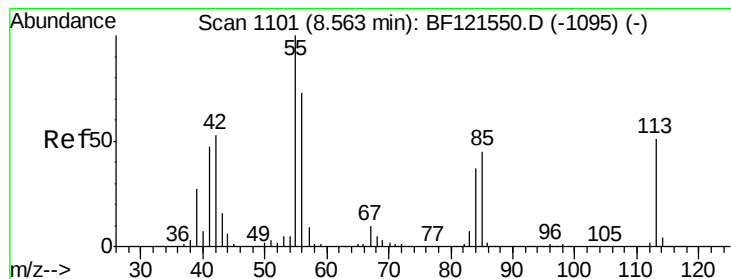
#34
Hexachlorobutadiene
Concen: 36.973 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:	225	Resp:	238083
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.4	77.2
227	64.3	51.7	77.5



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: 22.099 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

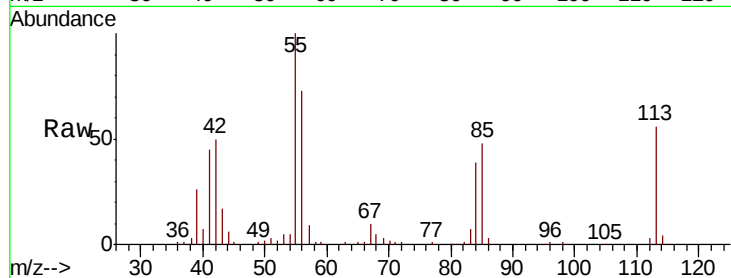
Tot Ion:113 Resp: 76658

Ion Ratio Lower Upper

113 100

55 177.8 166.3 206.3

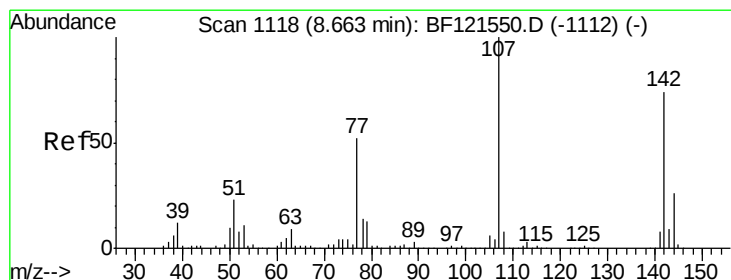
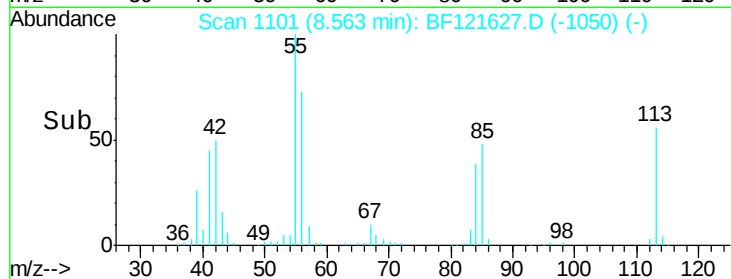
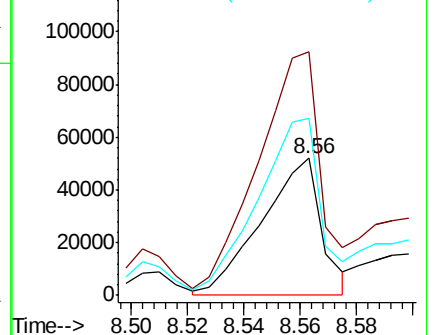
56 129.7 118.7 158.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.487 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

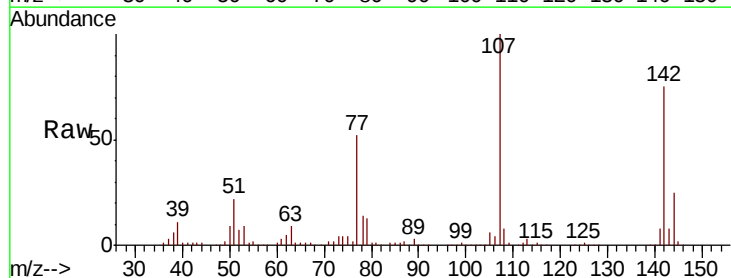
Tgt Ion:107 Resp: 420660

Ion Ratio Lower Upper

107 100

144 25.3 20.6 31.0

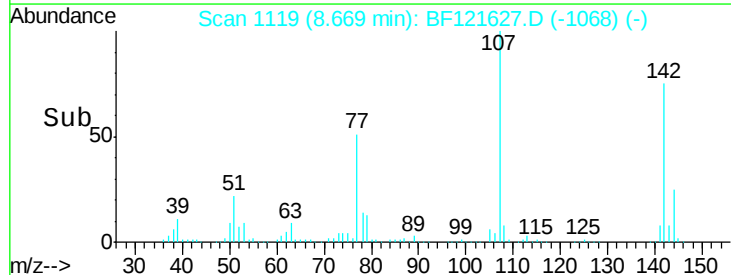
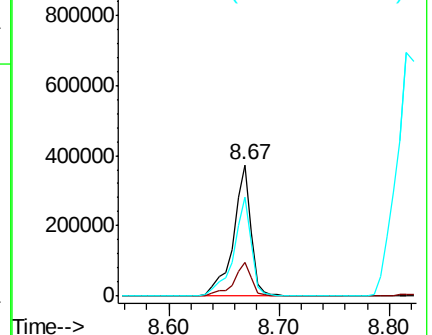
142 75.5 61.7 92.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.905 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

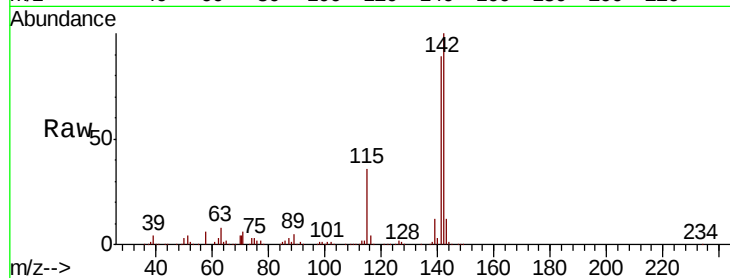
Tot Ion:142 Resp: 872468

Ion Ratio Lower Upper

142 100

141 89.5 72.2 108.2

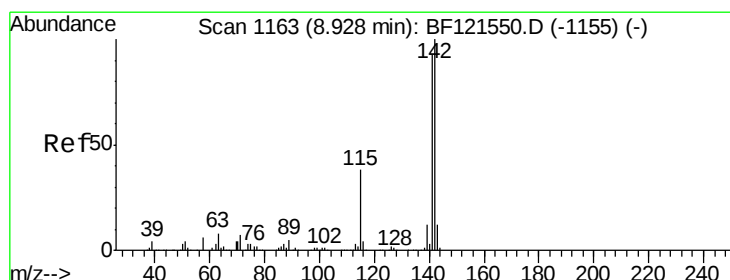
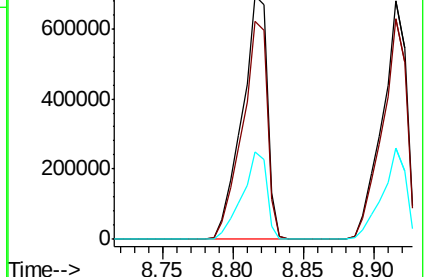
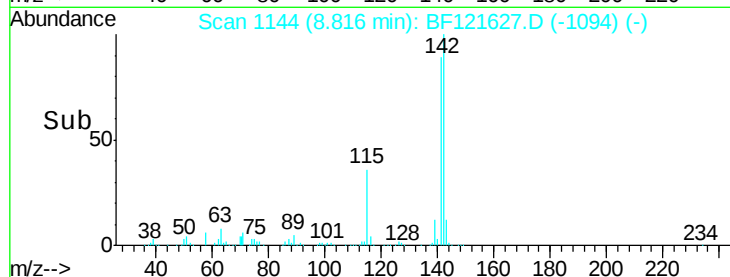
115 36.1 28.5 42.7



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: 37.236 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

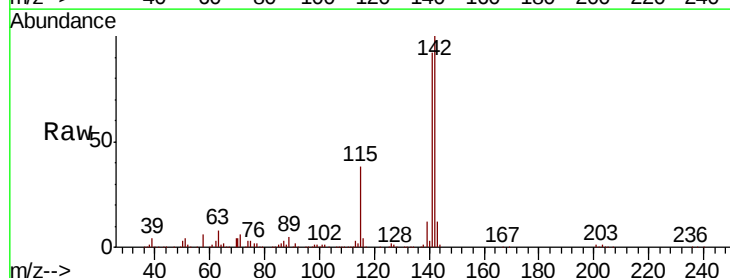
Tgt Ion:142 Resp: 819266

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.8

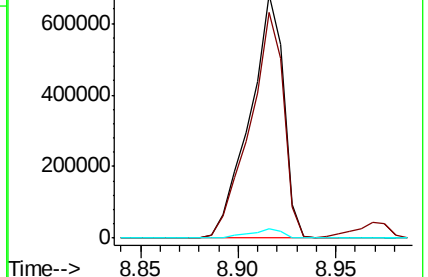
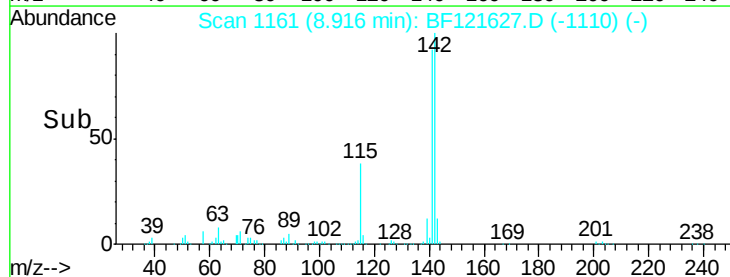
116 3.9 3.3 4.9



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: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

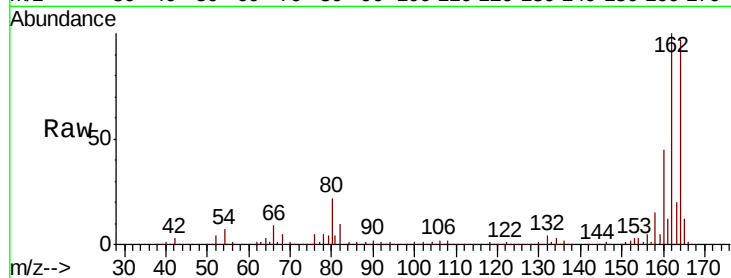
Tot Ion:164 Resp: 371989

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

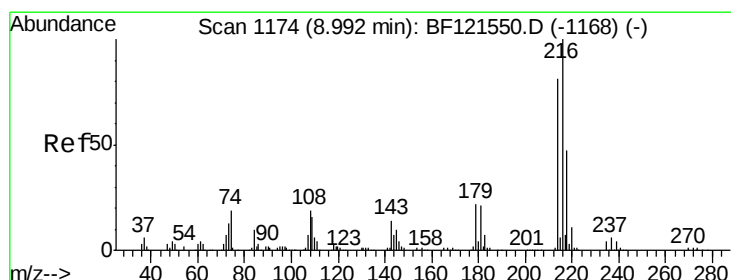
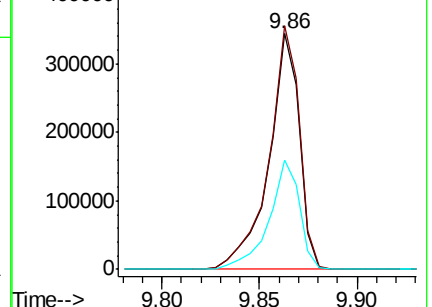
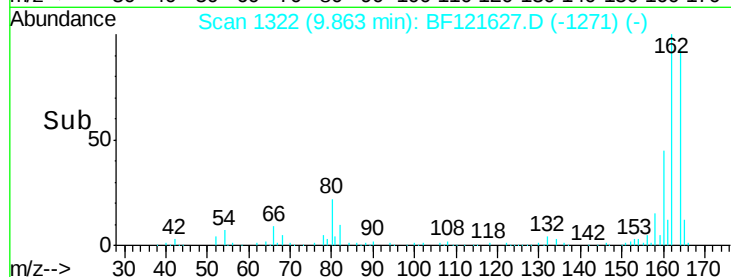
160 46.5 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.540 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:216 Resp: 401350

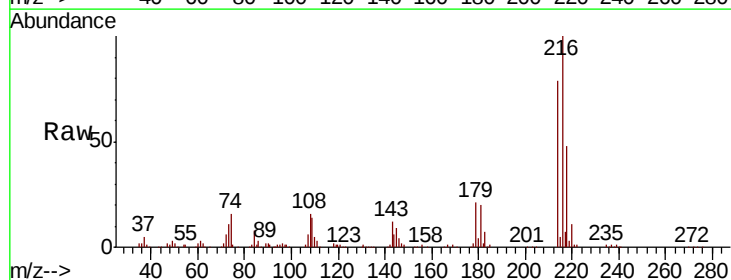
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.9 16.6 24.8

108 21.0 15.2 22.8

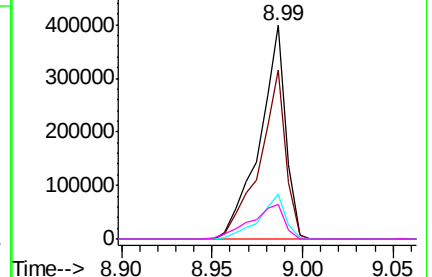
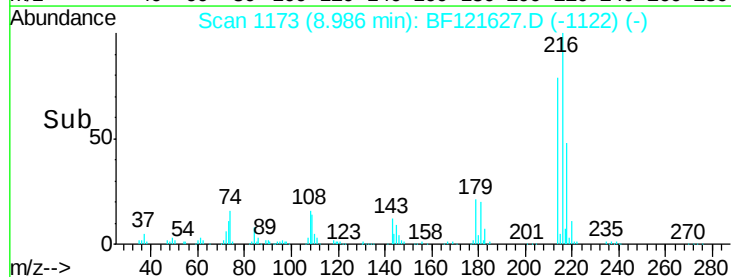


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.475 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

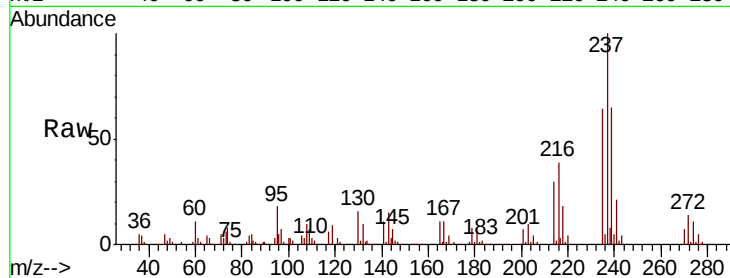
Tot Ion:237 Resp: 447742

Ion Ratio Lower Upper

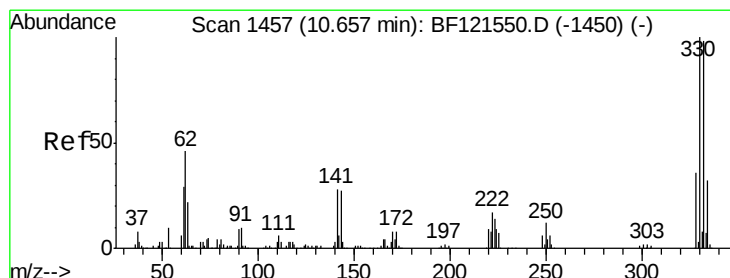
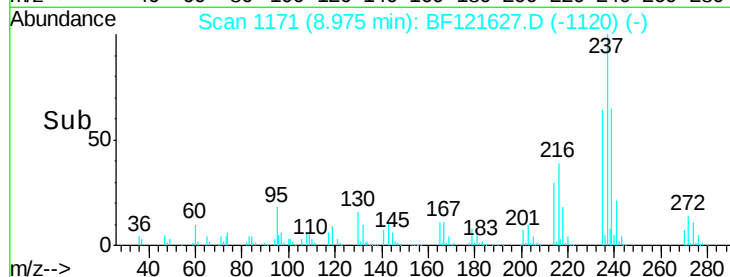
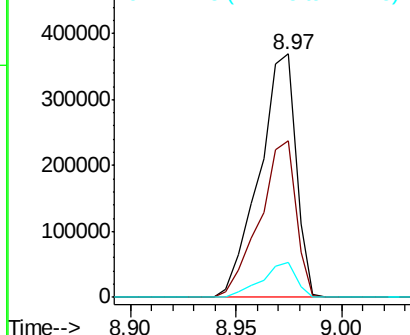
237 100

235 64.1 43.4 83.4

272 14.4 0.0 34.1



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: 99.845 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

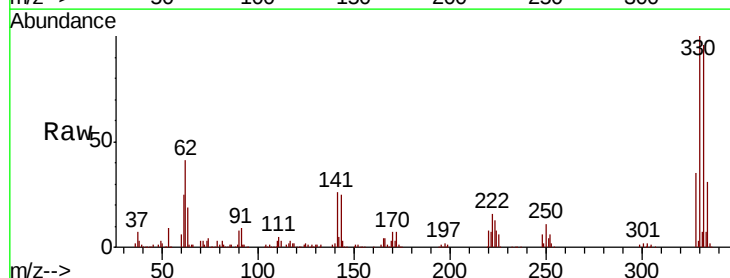
Tgt Ion:330 Resp: 461618

Ion Ratio Lower Upper

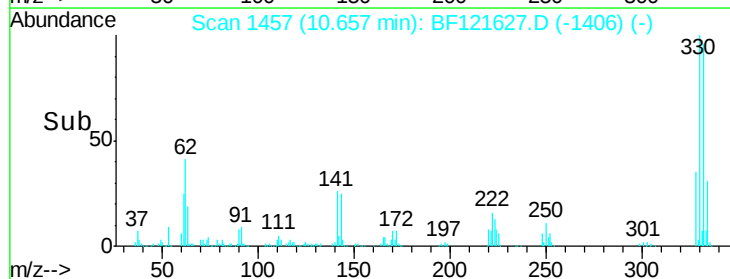
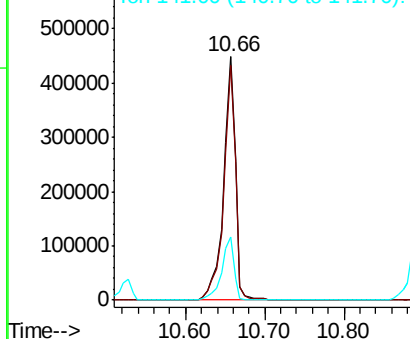
330 100

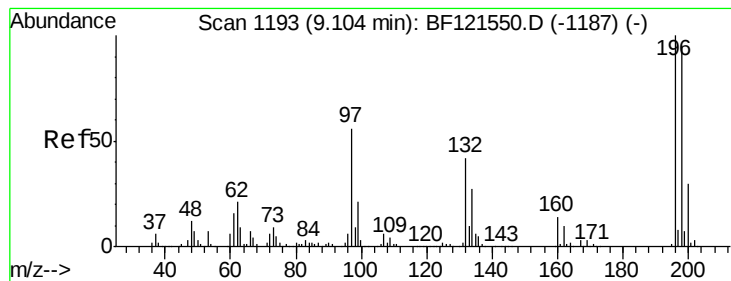
332 96.0 76.9 115.3

141 27.3 22.4 33.6



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: 37.728 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

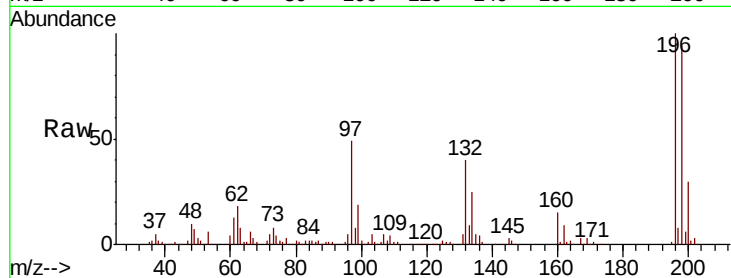
Tot Ion:196 Resp: 298813

Ion Ratio Lower Upper

196 100

198 93.8 75.4 113.2

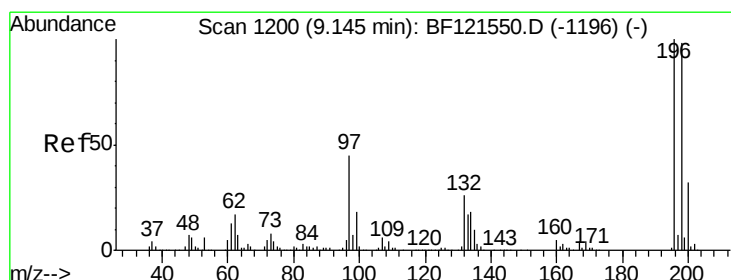
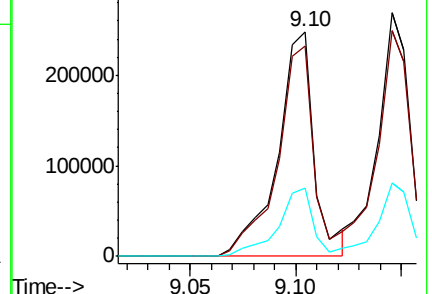
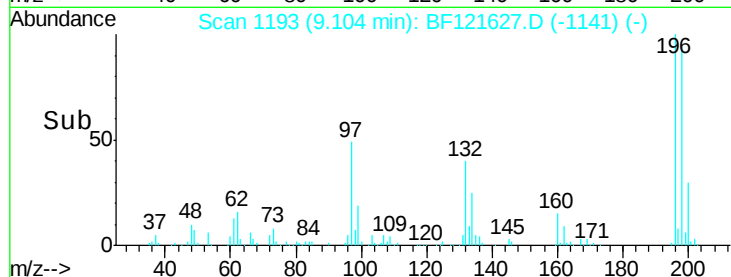
200 30.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 34.605 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:196 Resp: 289743

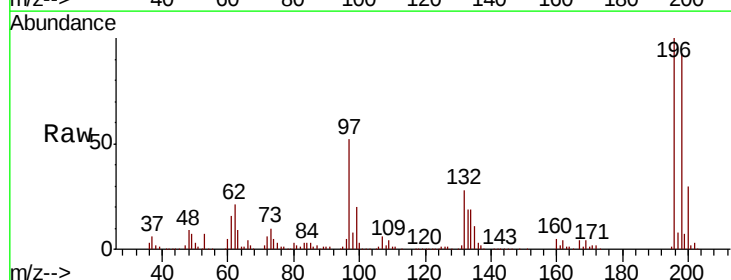
Ion Ratio Lower Upper

196 100

198 92.7 74.3 111.5

97 52.3 44.2 66.2

132 28.0 23.4 35.0

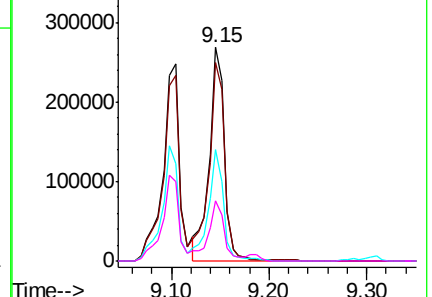
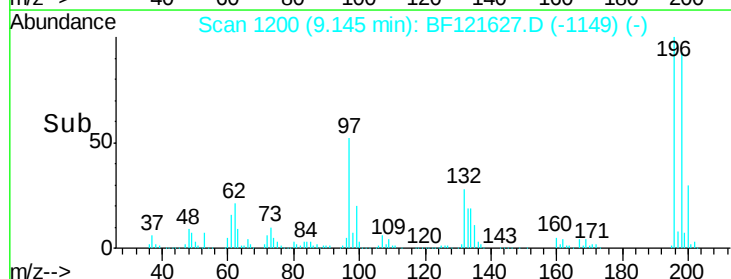


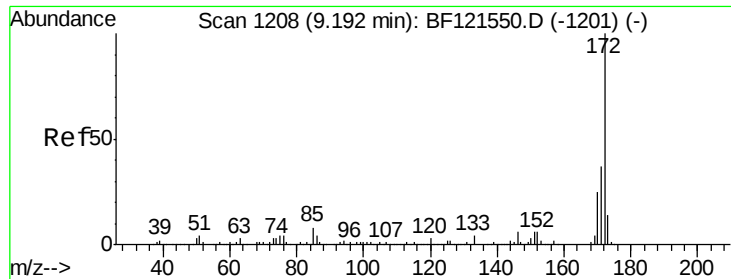
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

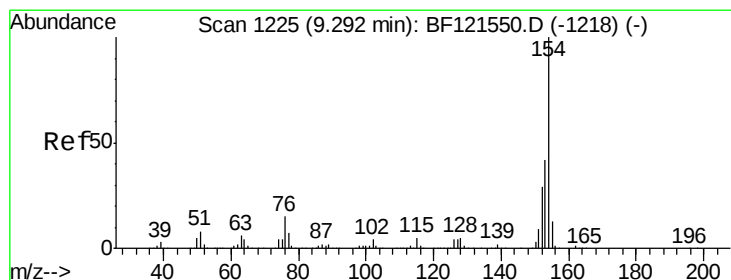
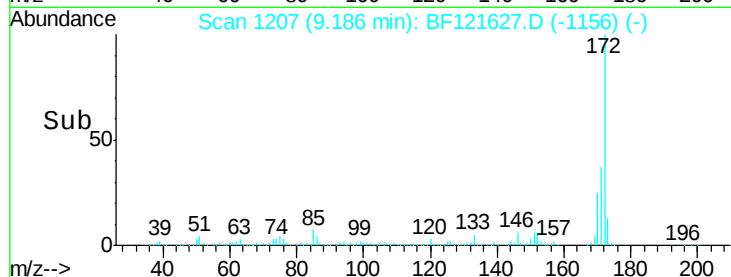
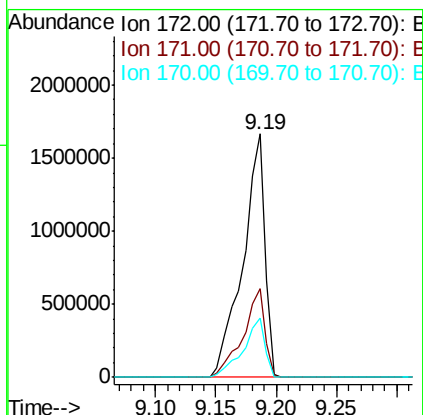
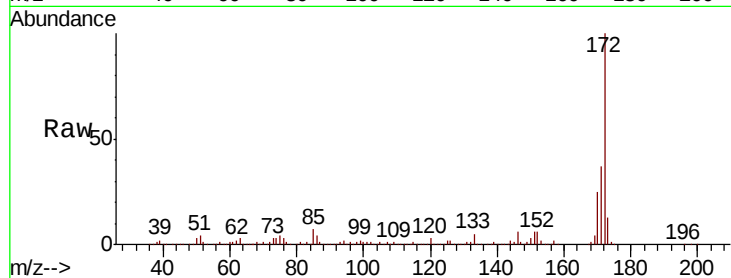




#45
2-Fluorobiphenyl
Concen: 86.697 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

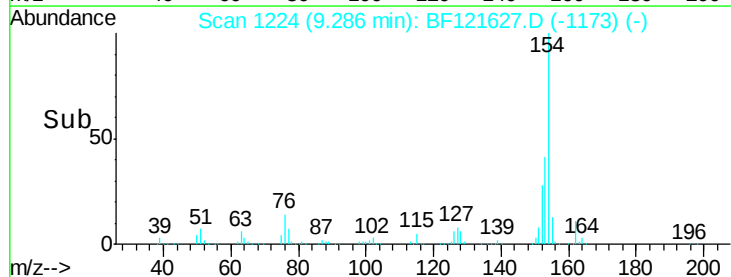
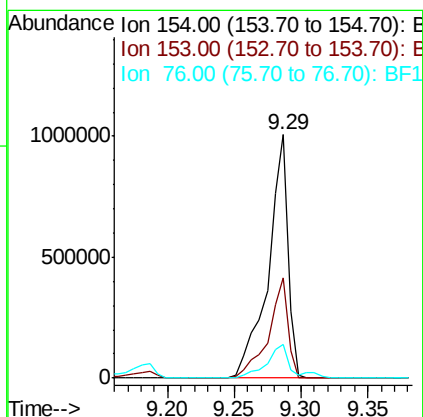
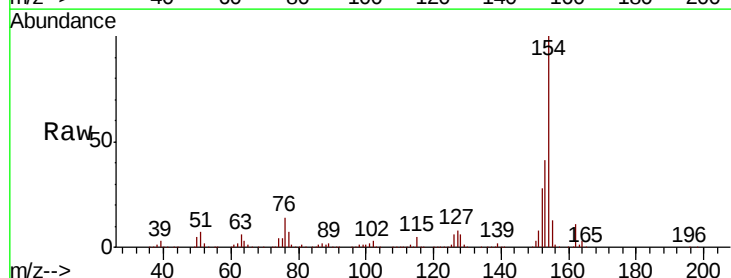
Instrument :
BNA_F
ClientSampleId :
PB131752BS

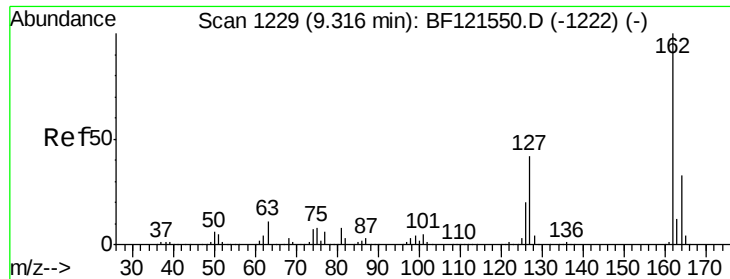
Tot Ion:172 Resp: 2129383
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 35.030 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:154 Resp: 1043194
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 13.6 0.0 34.1

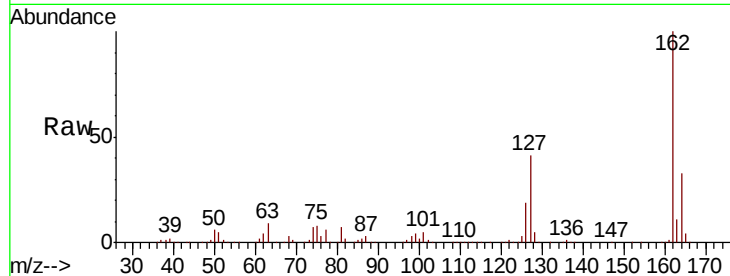




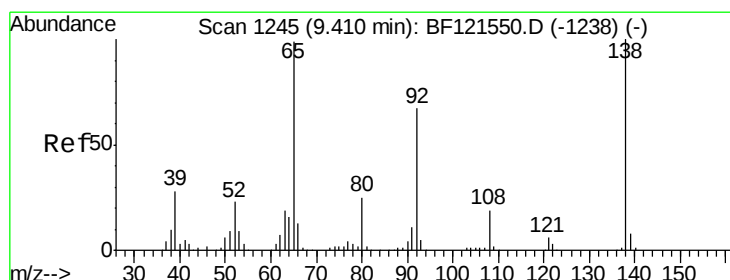
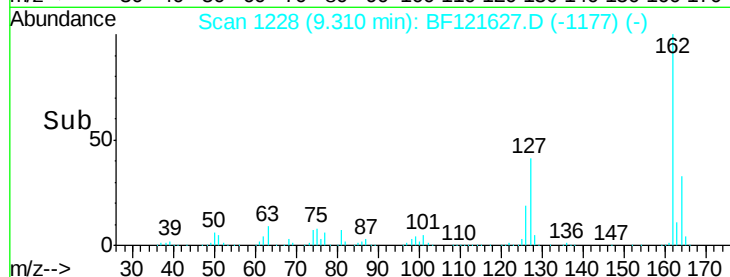
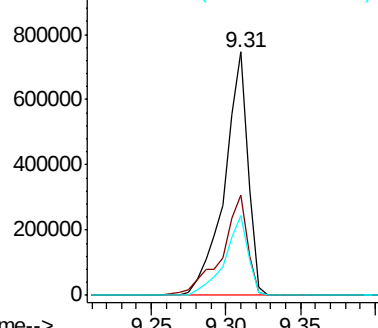
#47
 2-Chloronaphthalene
 Concen: 34.257 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion:162 Resp: 803933
 Ion Ratio Lower Upper
 162 100
 127 41.4 34.2 51.4
 164 32.9 27.0 40.4

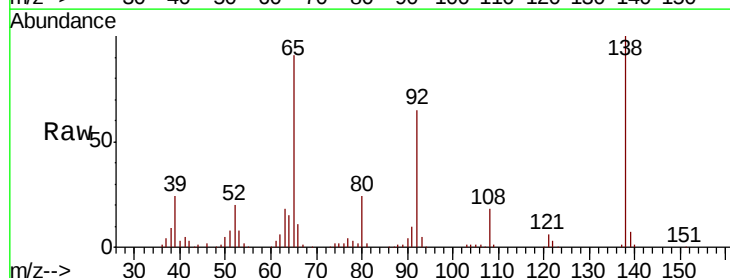


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

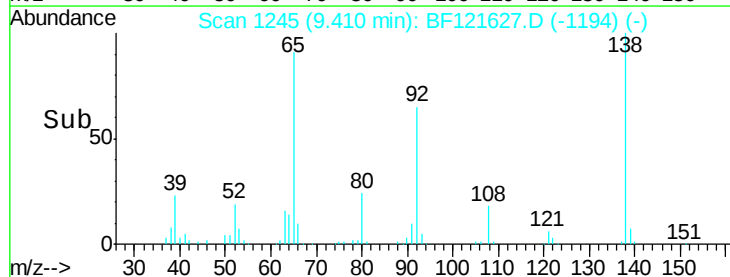
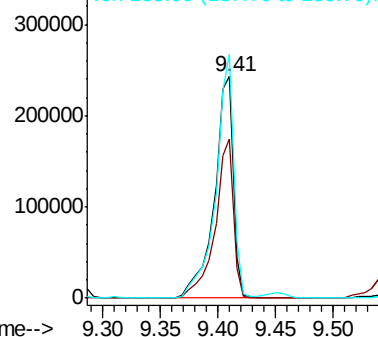


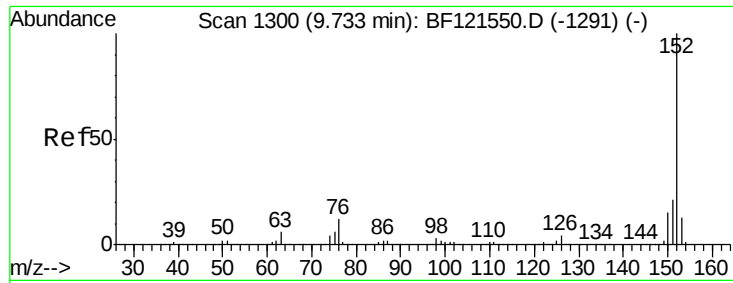
#48
 2-Nitroaniline
 Concen: 38.093 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion: 65 Resp: 277798
 Ion Ratio Lower Upper
 65 100
 92 71.9 56.0 84.0
 138 109.9 84.7 127.1



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





#49

Acenaphthylene

Concen: 35.827 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

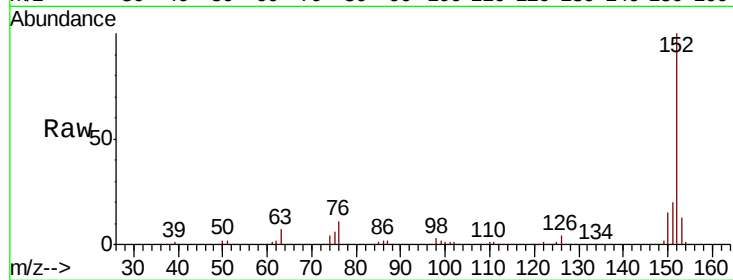
Tot Ion:152 Resp: 1291820

Ion Ratio Lower Upper

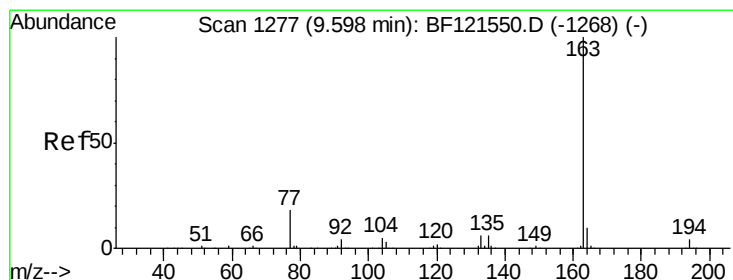
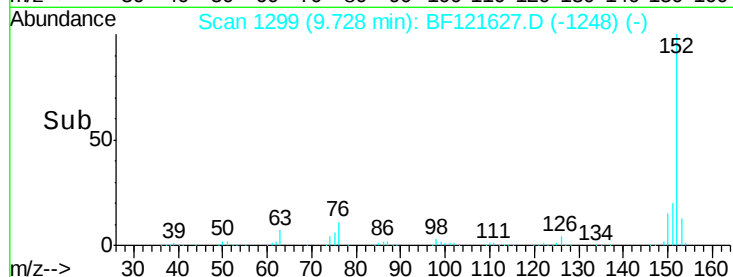
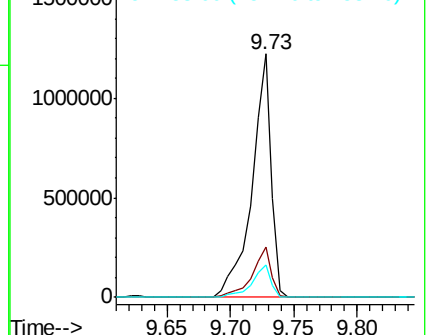
152 100

151 20.5 16.3 24.5

153 13.3 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: 35.592 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

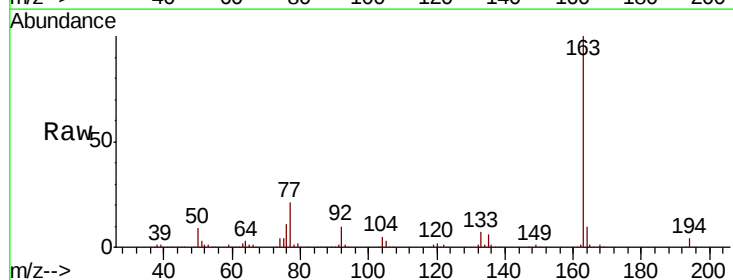
Tgt Ion:163 Resp: 959614

Ion Ratio Lower Upper

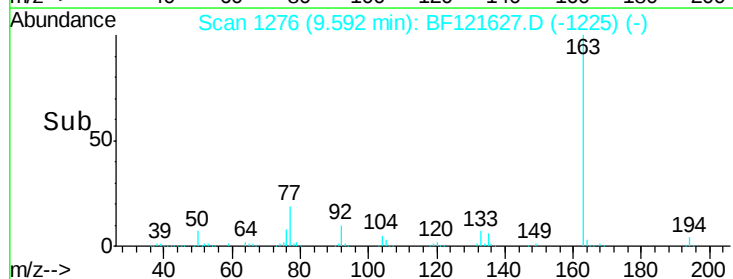
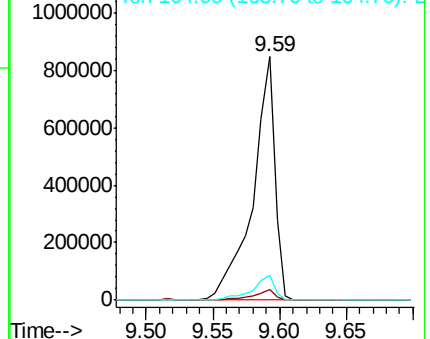
163 100

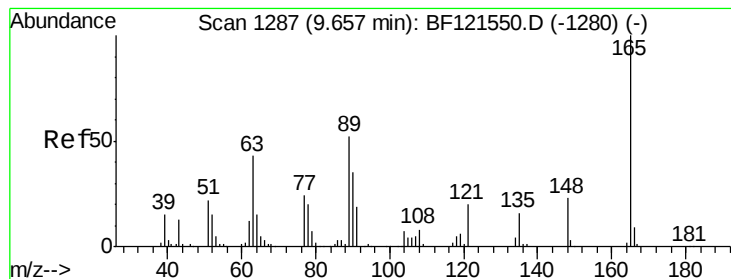
194 4.2 3.3 4.9

164 9.9 8.0 12.0



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





#51

2,6-Dinitrotoluene

Concen: 37.448 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

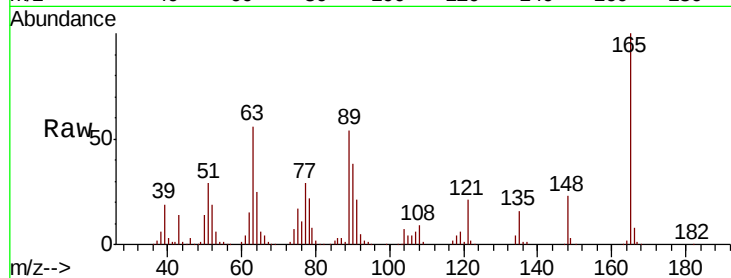
Tot Ion:165 Resp: 215018

Ion Ratio Lower Upper

165 100

63 56.0 47.6 71.4

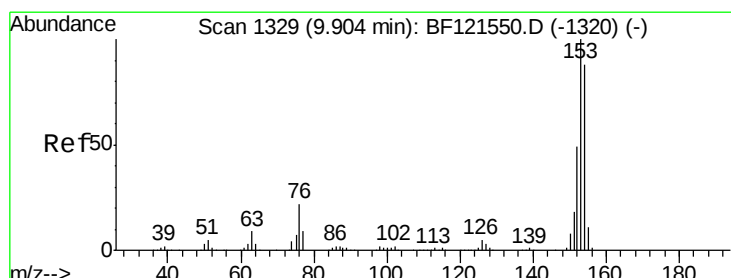
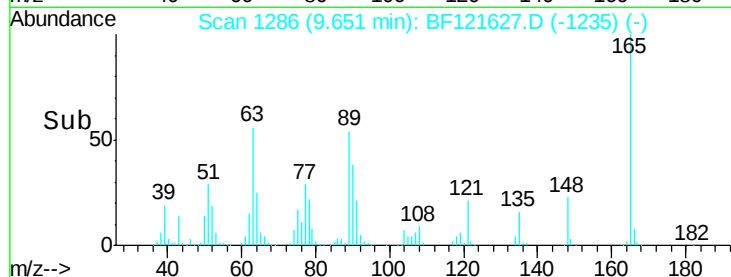
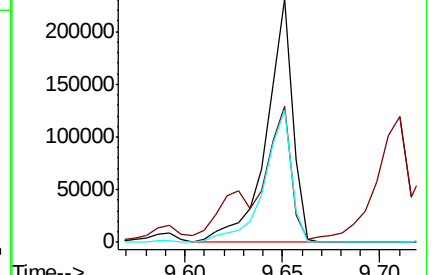
89 54.5 46.0 69.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 33.154 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

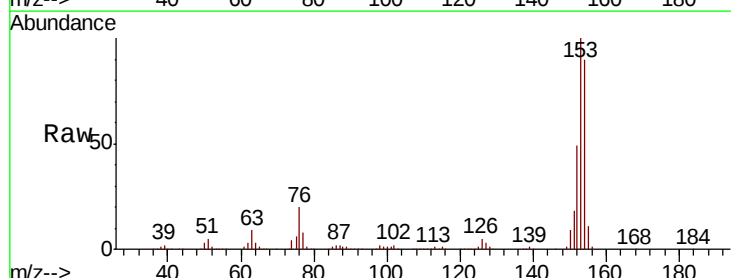
Tgt Ion:154 Resp: 755045

Ion Ratio Lower Upper

154 100

153 111.6 89.9 134.9

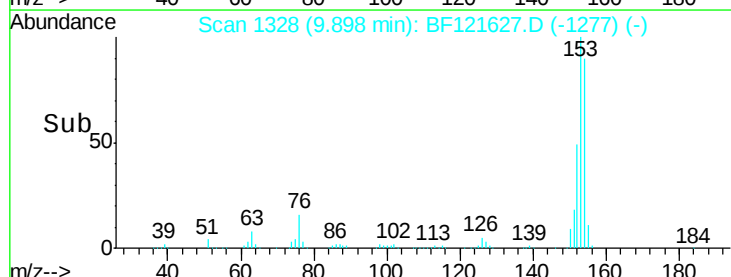
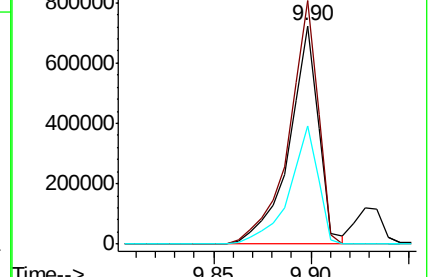
152 54.3 43.8 65.6

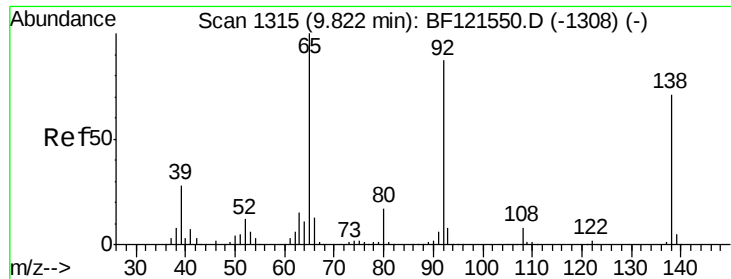


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

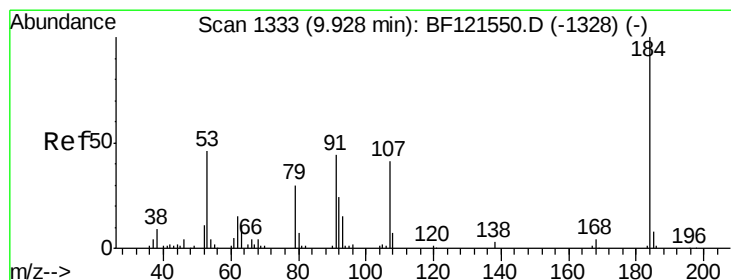
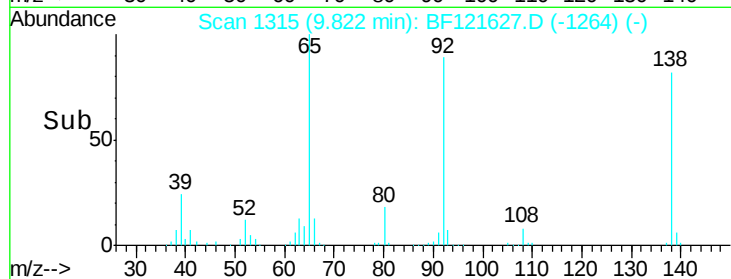
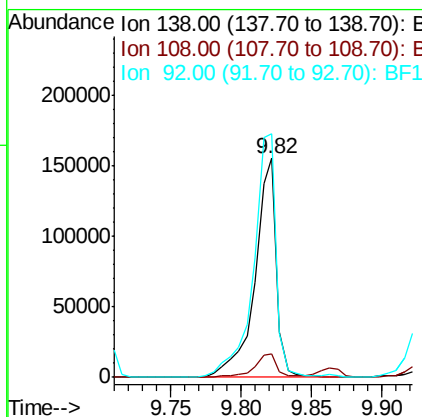
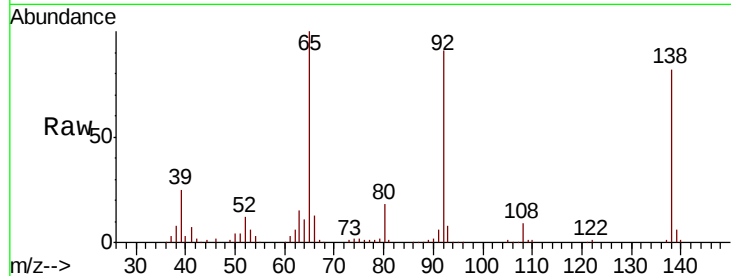




#53
 3-Nitroaniline
 Concen: 25.211 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

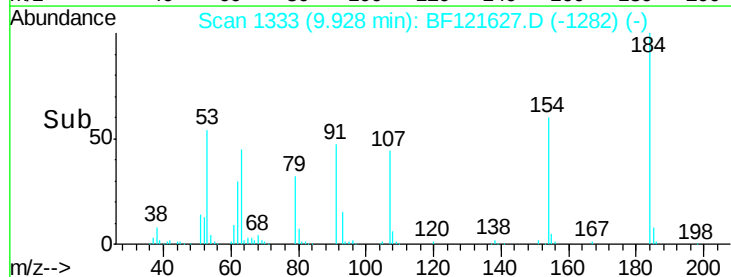
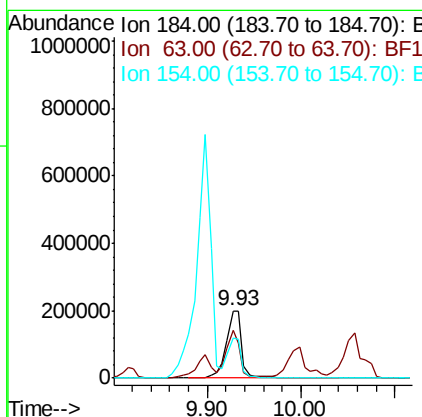
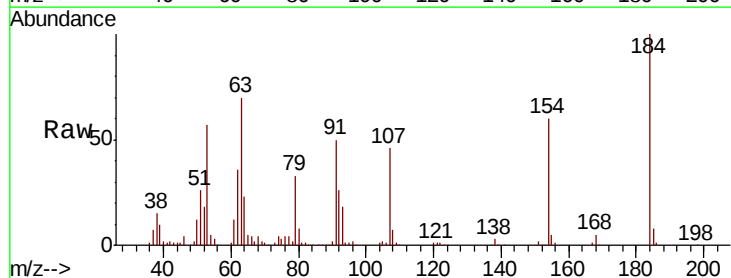
Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

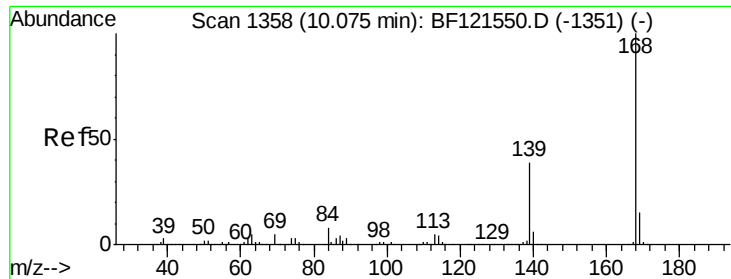
Tot Ion:138 Resp: 167689
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.1 13.7
 92 111.3 96.5 144.7



#54
 2,4-Dinitrophenol
 Concen: 71.347 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:184 Resp: 232628
 Ion Ratio Lower Upper
 184 100
 63 69.9 51.5 77.3
 154 60.1 46.6 70.0





#55

Dibenzenofuran

Concen: 35.076 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

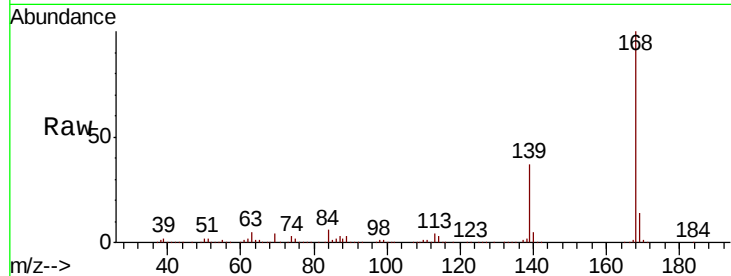
Tot Ion:168 Resp: 1124971

Ion Ratio Lower Upper

168 100

139 36.8 31.8 47.8

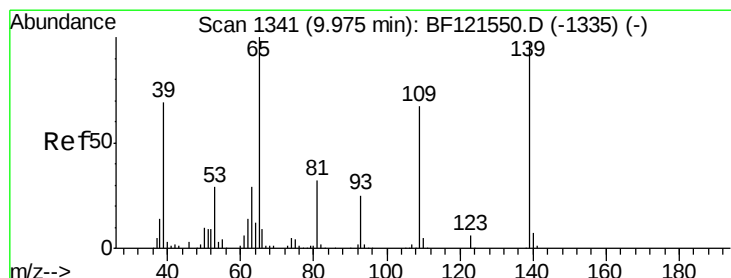
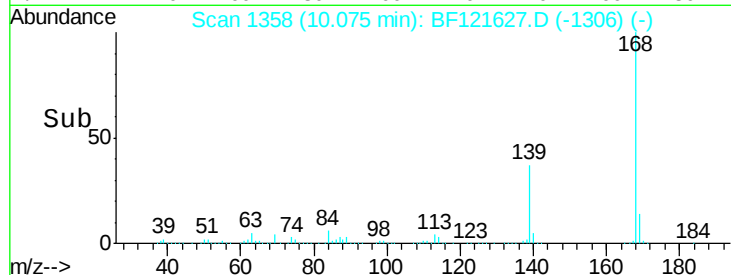
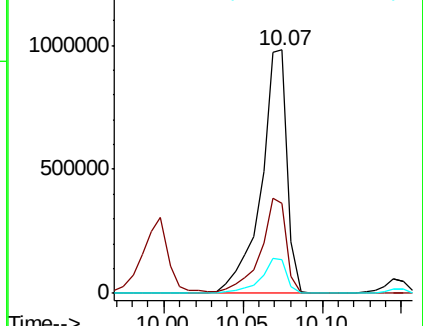
169 13.7 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.196 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

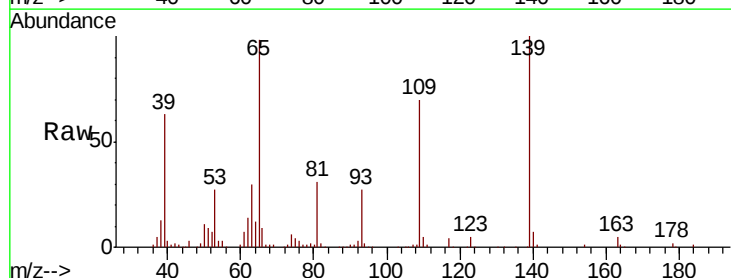
Tgt Ion:139 Resp: 351146

Ion Ratio Lower Upper

139 100

109 70.2 48.1 88.1

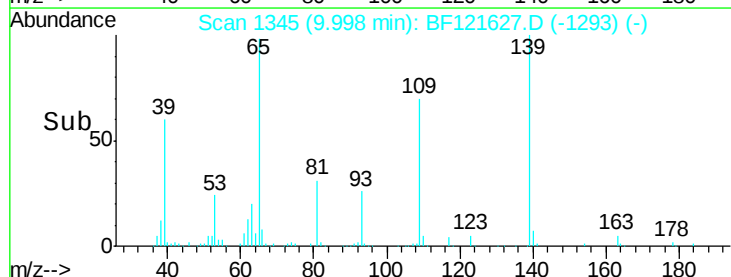
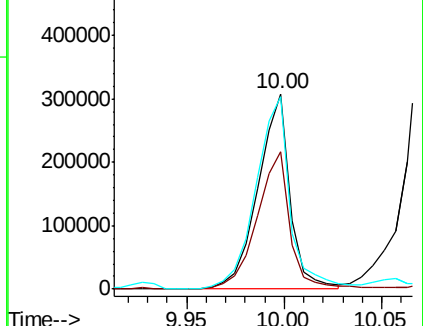
65 98.4 74.7 114.7

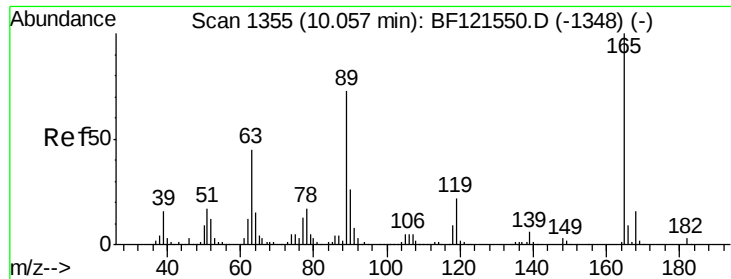


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

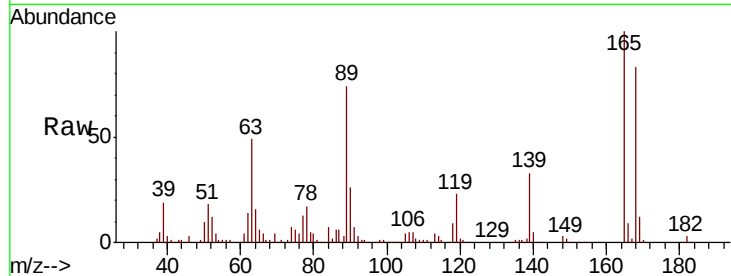




#57
2,4-Dinitrotoluene
Concen: 39.255 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	36.7	55.1
89	73.5	57.7	86.5
182	2.8	2.1	3.1



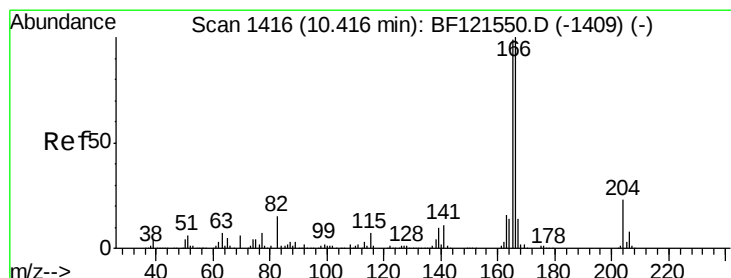
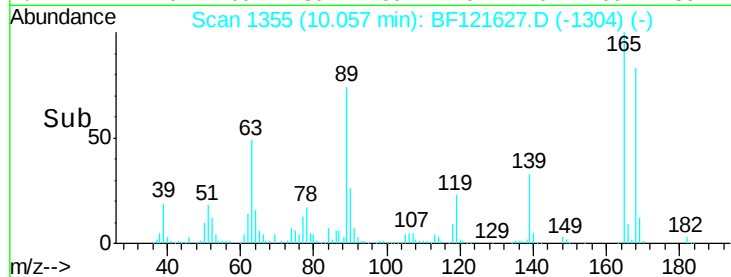
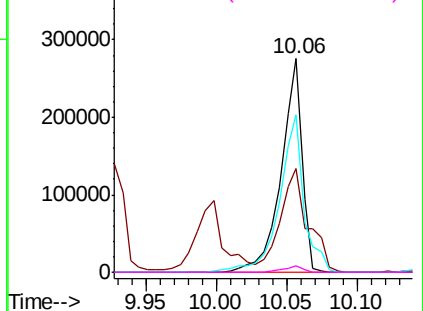
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

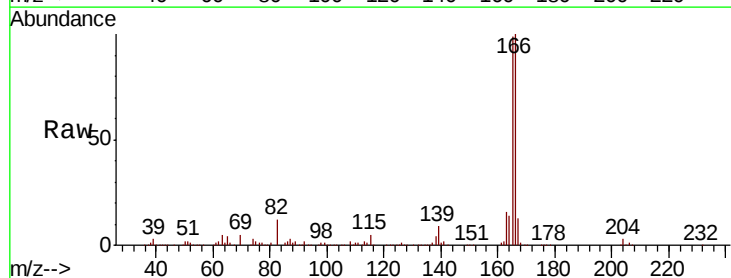
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.908 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.1	120.1
167	13.3	10.8	16.2

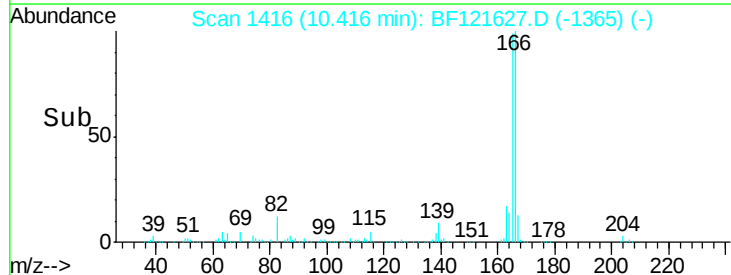
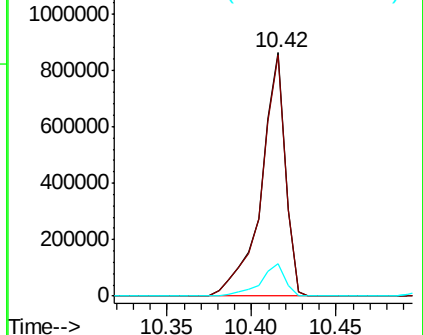


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

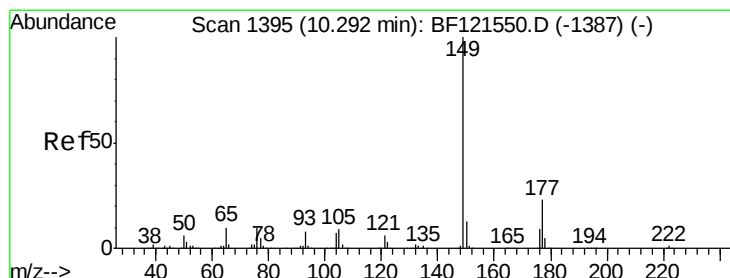
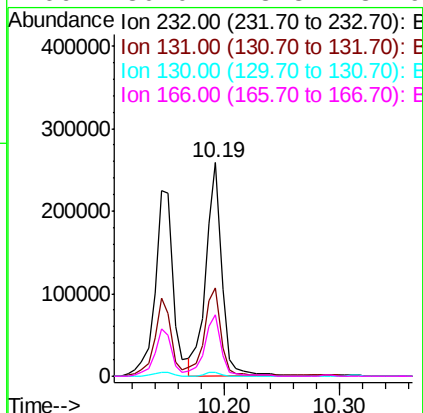
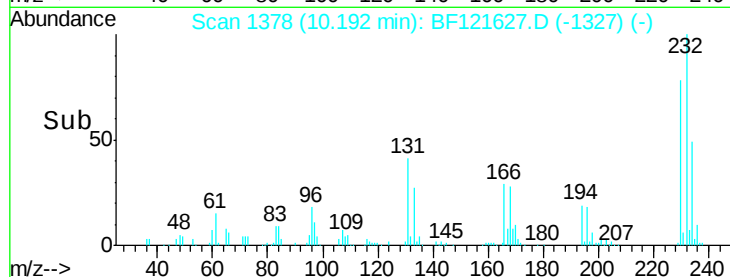
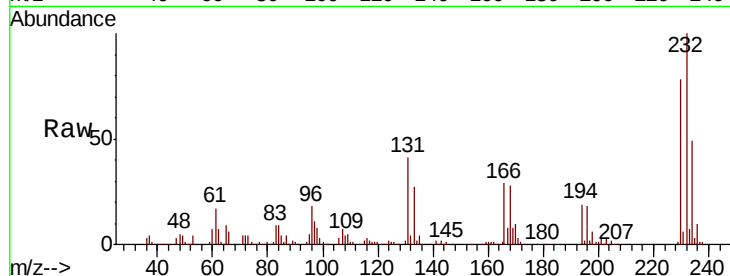




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.362 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

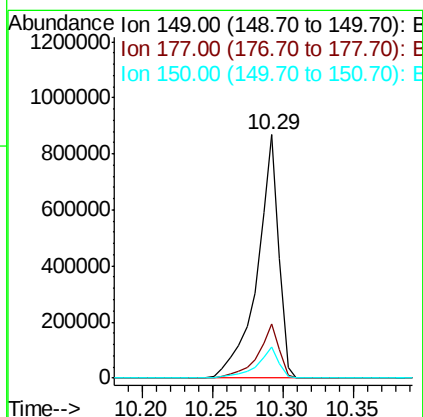
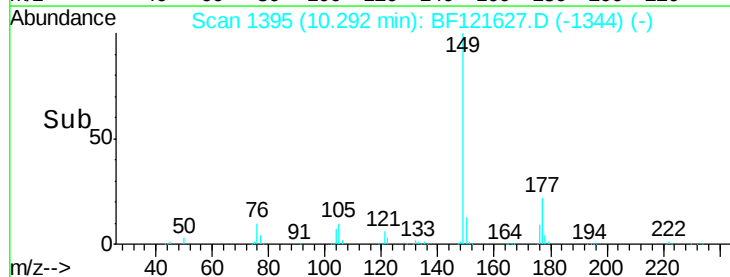
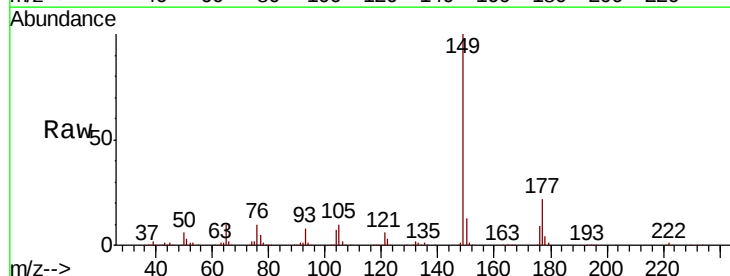
Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

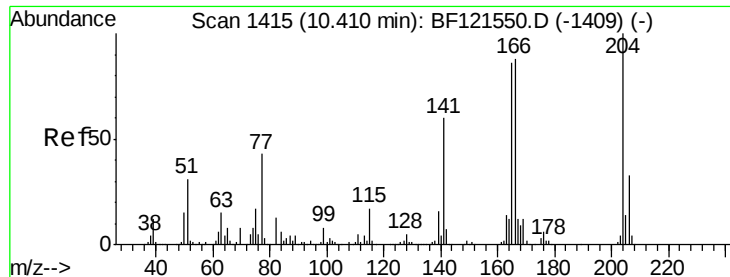
Tot Ion:	232	Resp:	247511
Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.1	52.7
130	2.1	1.6	2.4
166	30.0	23.3	34.9



#60
 Diethylphthalate
 Concen: 35.505 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:	149	Resp:	933301
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.9	9.8	14.8

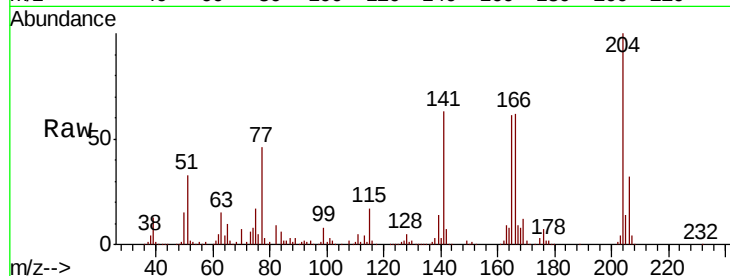




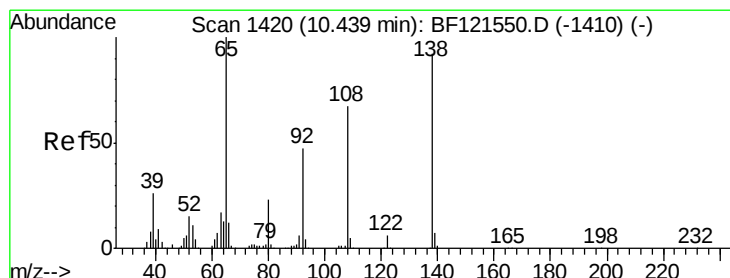
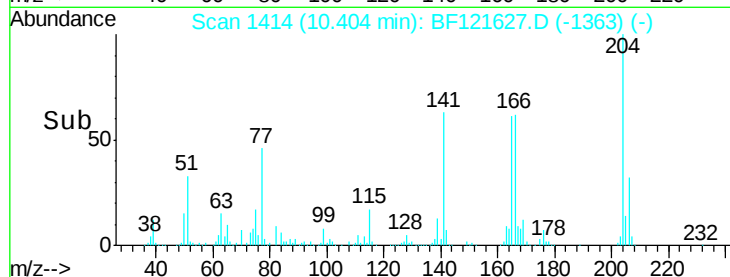
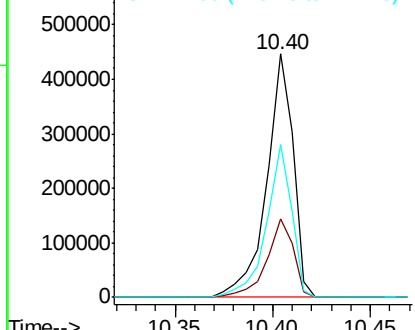
#61
4-Chlorophenyl-phenylether
Concen: 35.716 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion:204 Resp: 419625
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 62.8 50.4 75.6

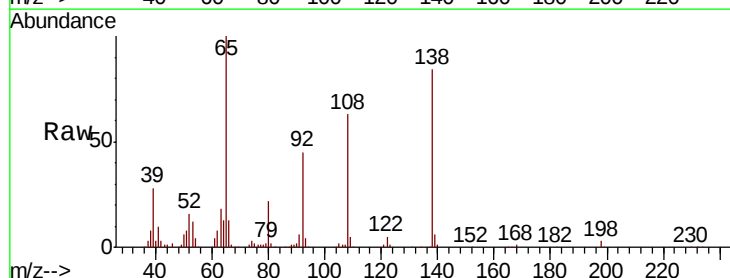


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

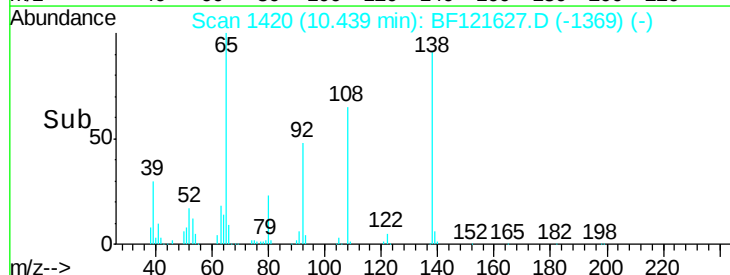
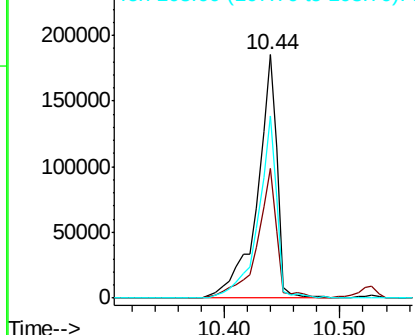


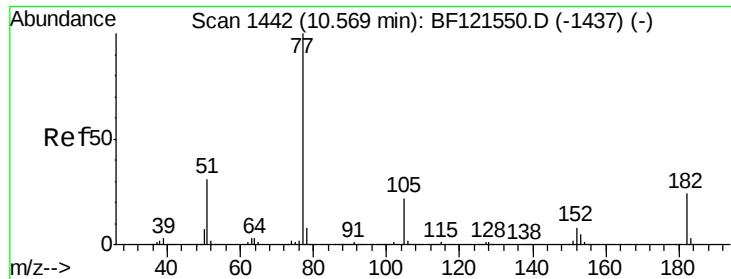
#62
4-Nitroaniline
Concen: 33.798 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:138 Resp: 223213
Ion Ratio Lower Upper
138 100
92 53.2 34.8 74.8
108 74.8 55.5 95.5



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





#63

Azobenzene

Concen: 33.905 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

Tot Ion: 77 Resp: 949115

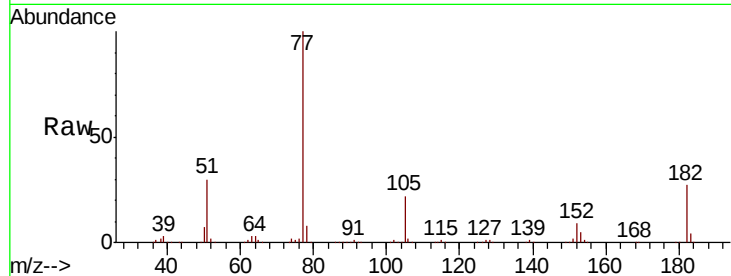
Ion Ratio Lower Upper

77 100

182 27.5 6.8 46.8

105 22.0 2.2 42.2

51 30.4 10.7 50.7

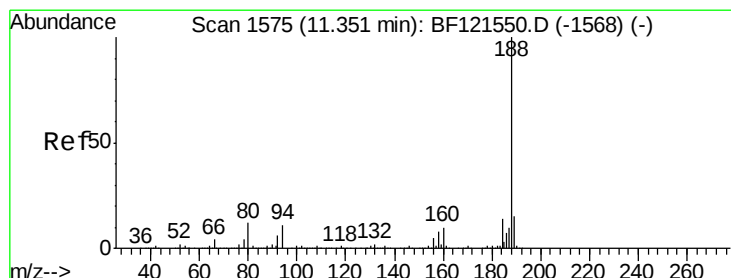
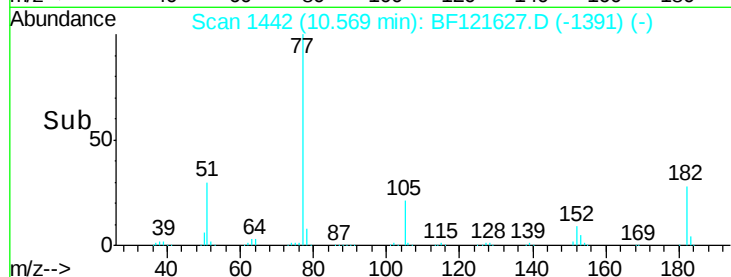
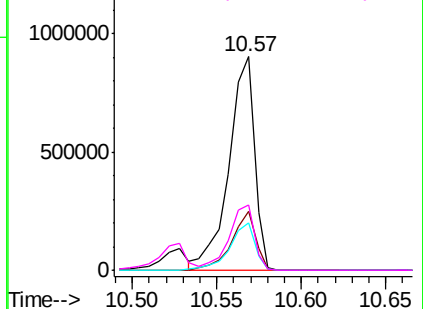


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF121627.D

Acq: 21 Sep 2020 15:22

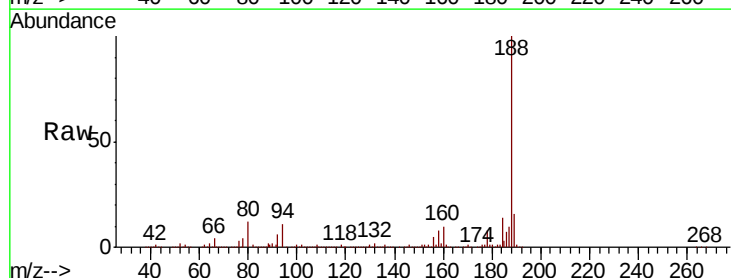
Tgt Ion: 188 Resp: 696707

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

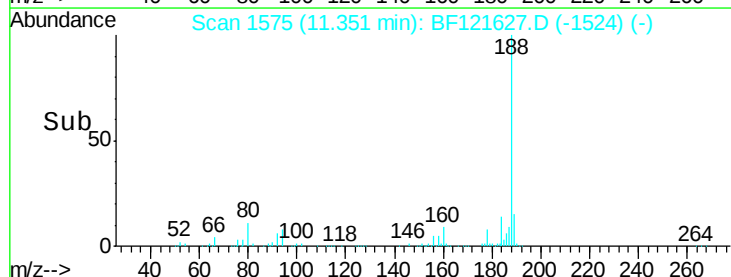
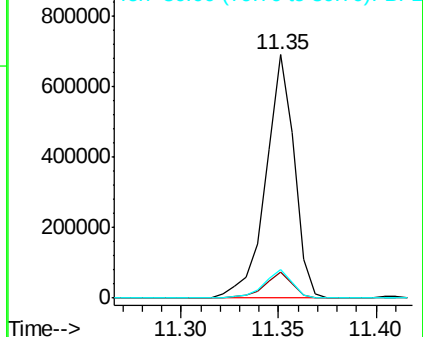
80 11.6 9.0 13.4

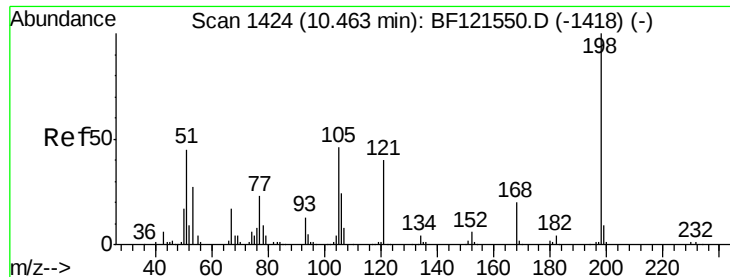


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

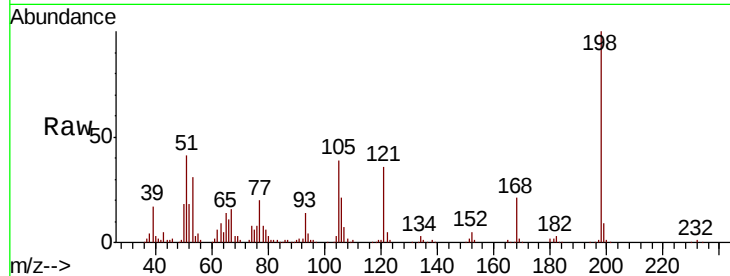




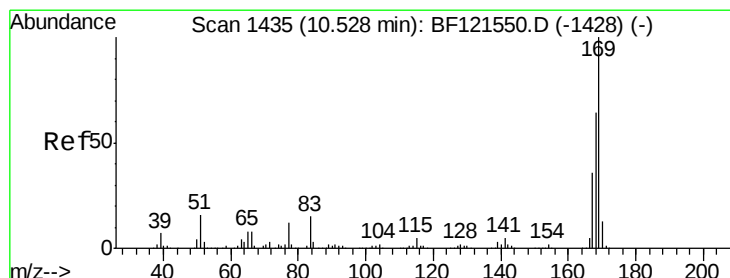
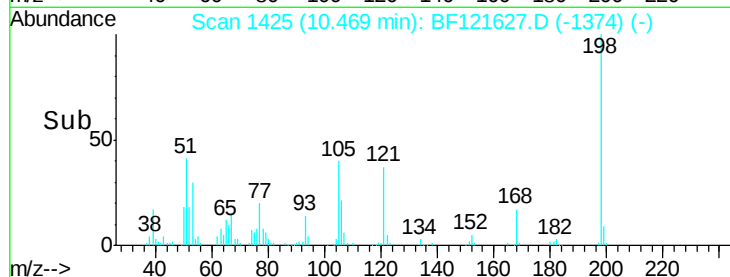
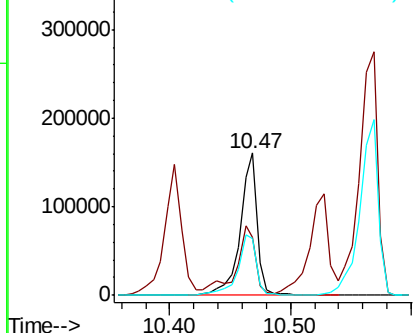
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.602 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion:198 Resp: 158344
 Ion Ratio Lower Upper
 198 100
 51 41.0 20.3 60.3
 105 39.5 20.2 60.2

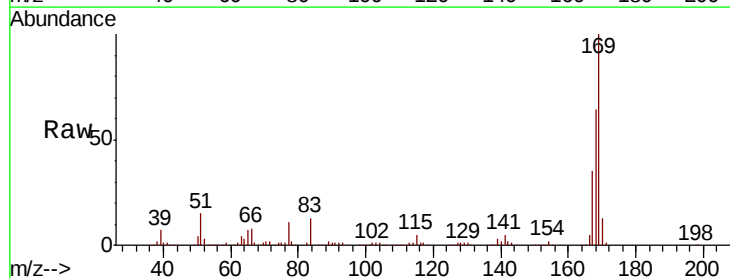


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

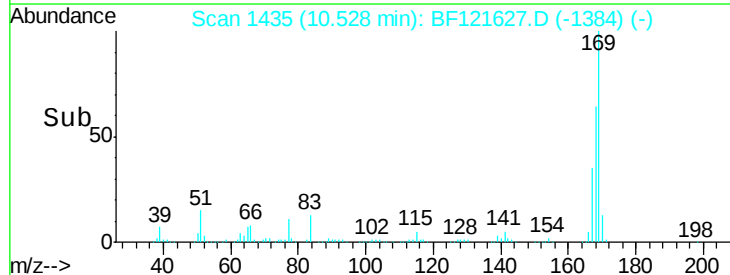
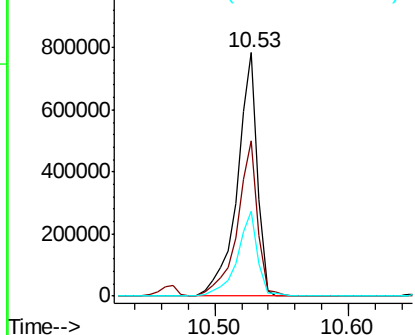


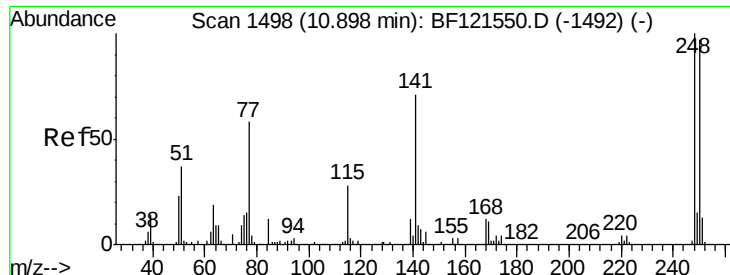
#66
 n-Nitrosodiphenylamine
 Concen: 34.235 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:169 Resp: 818304
 Ion Ratio Lower Upper
 169 100
 168 63.8 51.8 77.8
 167 35.0 28.4 42.6



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

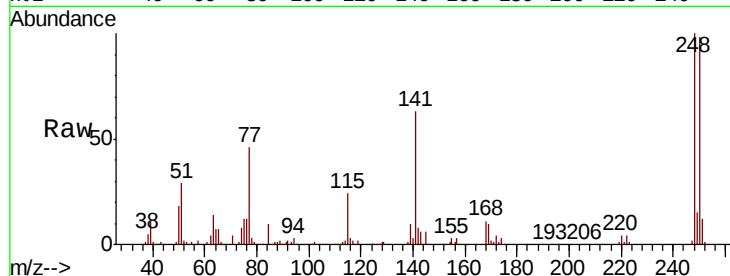




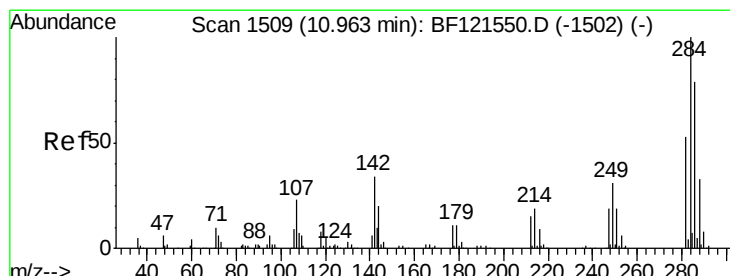
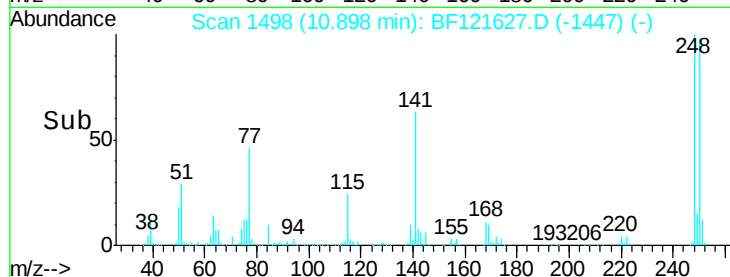
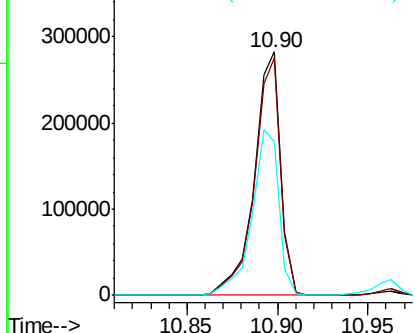
#67
 4-Bromophenyl-phenylether
 Concen: 36.046 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion:248 Resp: 285930
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.4 119.0
 141 63.3 52.2 78.4

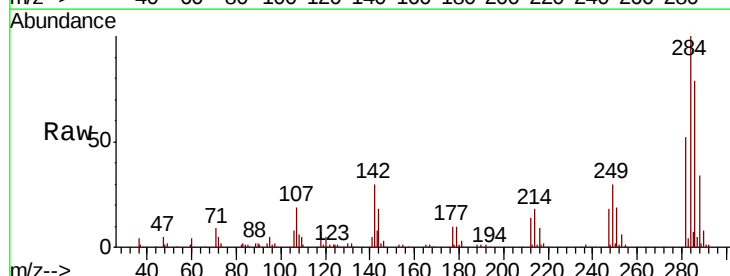


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

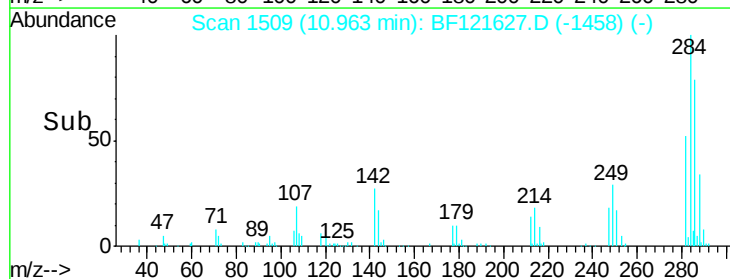
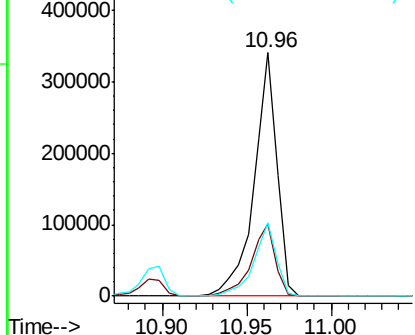


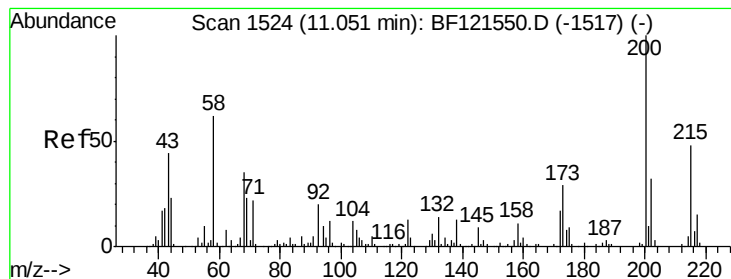
#68
 Hexachlorobenzene
 Concen: 35.960 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:284 Resp: 321909
 Ion Ratio Lower Upper
 284 100
 142 29.7 24.0 36.0
 249 30.1 23.9 35.9



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





#69

Atrazine

Concen: 39.584 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

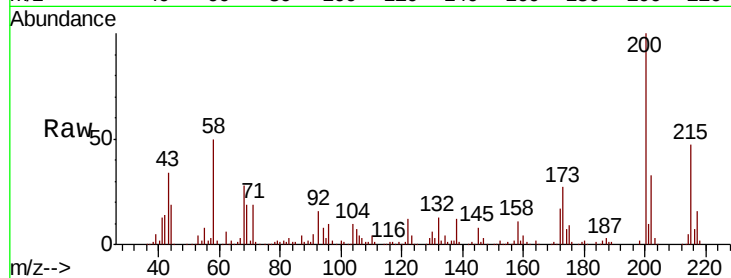
Tot Ion:200 Resp: 235067

Ion Ratio Lower Upper

200 100

173 26.9 6.0 46.0

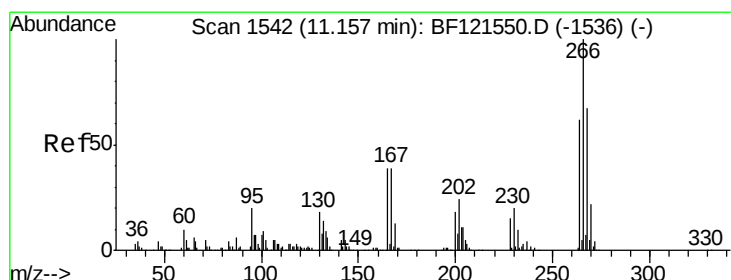
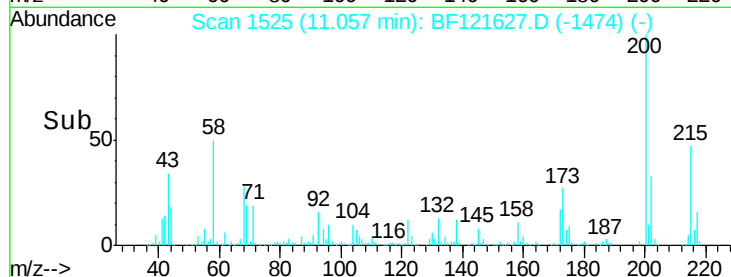
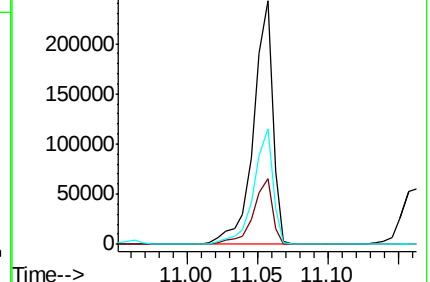
215 47.3 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.522 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

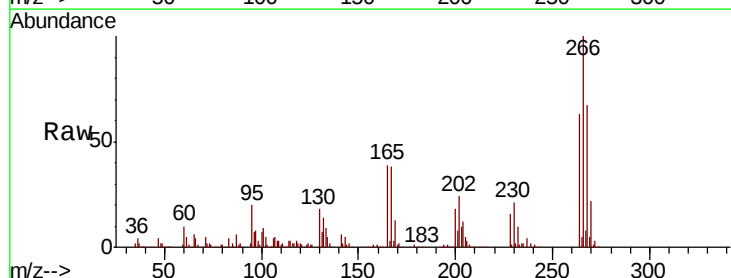
Tgt Ion:266 Resp: 351620

Ion Ratio Lower Upper

266 100

268 67.2 54.6 81.8

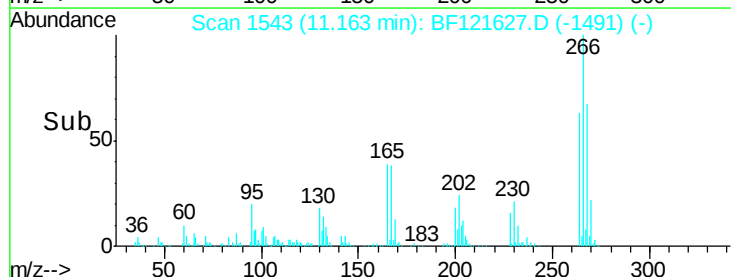
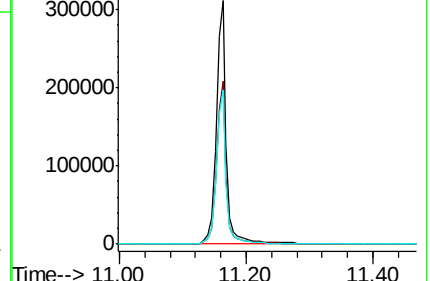
264 63.1 51.1 76.7

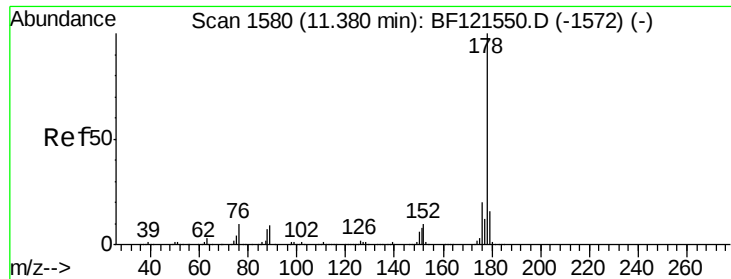


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

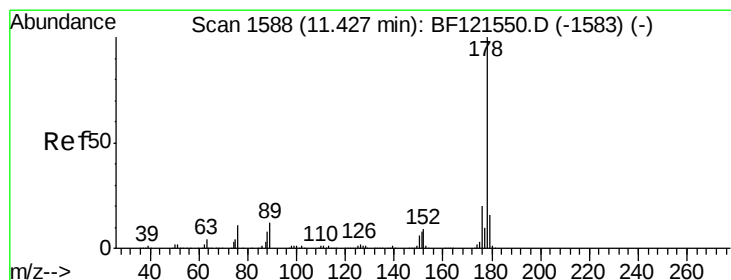
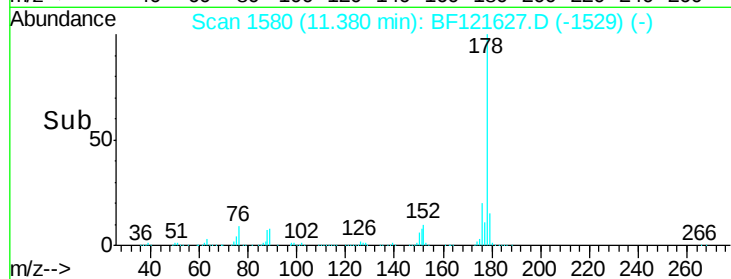
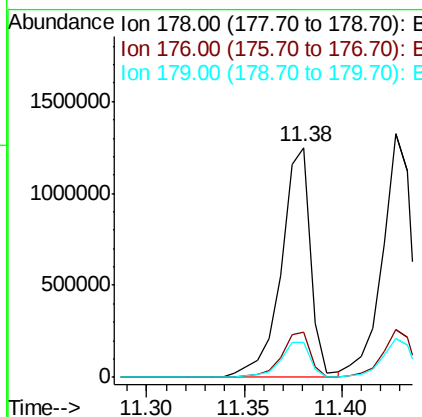
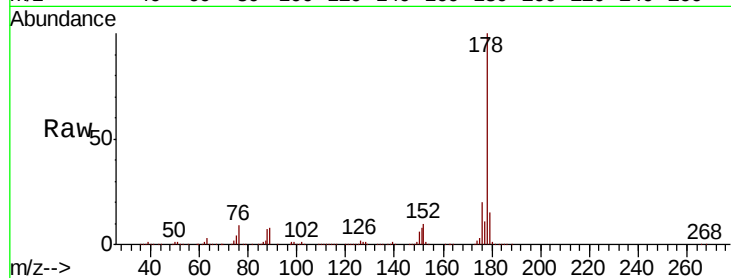




#71
Phenanthrene
Concen: 34.241 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

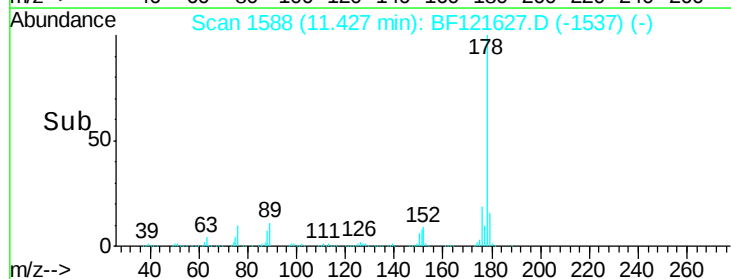
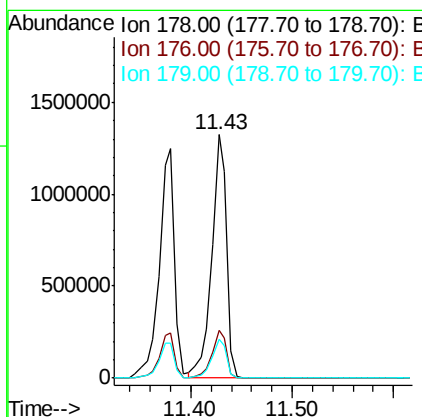
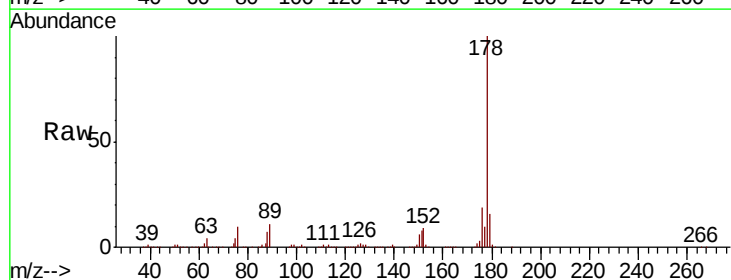
Instrument :
BNA_F
ClientSampleId :
PB131752BS

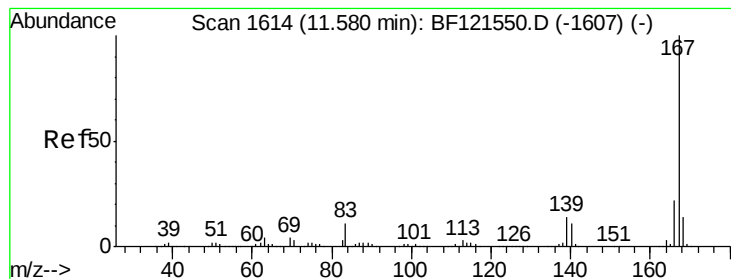
Tot Ion:178 Resp: 1299765
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.4 12.6 18.8



#72
Anthracene
Concen: 34.225 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:178 Resp: 1340682
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.6 19.0





#73

Carbazole

Concen: 33.905 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

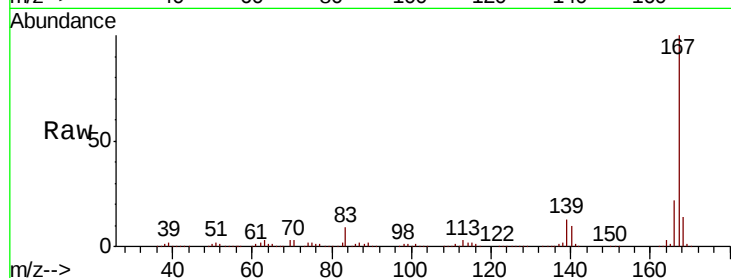
Tot Ion:167 Resp: 1198532

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

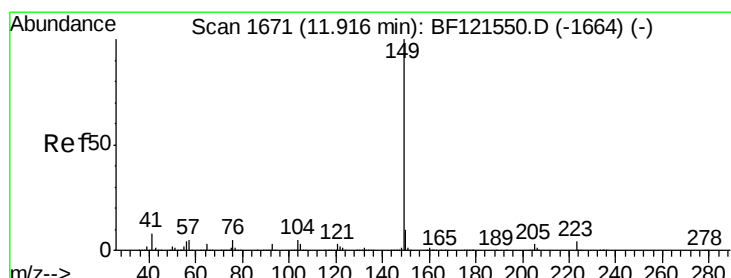
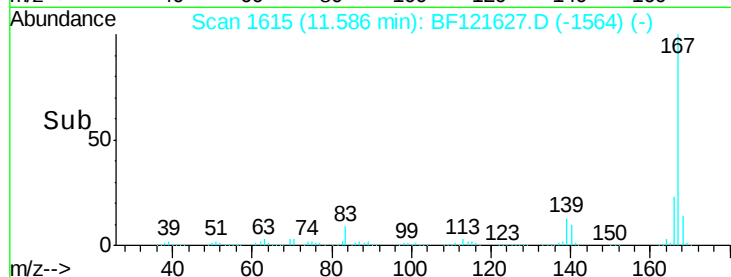
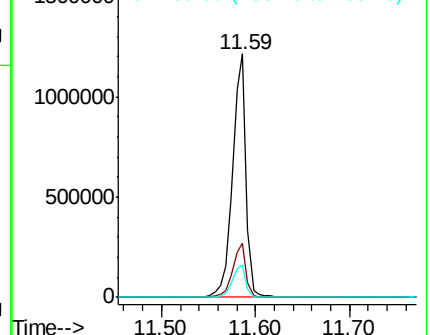
139 13.4 10.9 16.3



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: 34.067 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

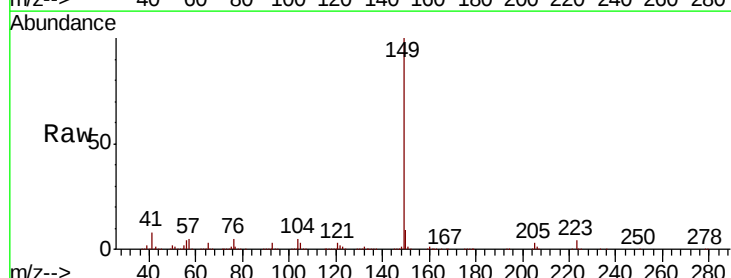
Tgt Ion:149 Resp: 1389913

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

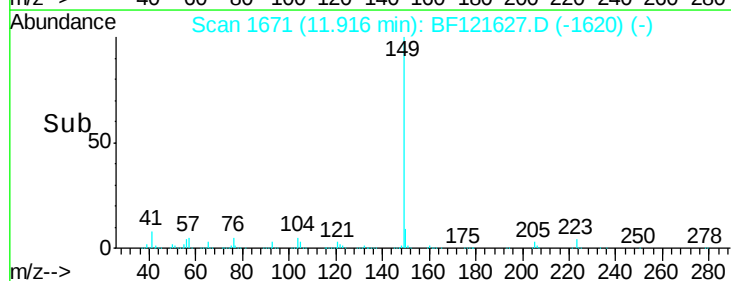
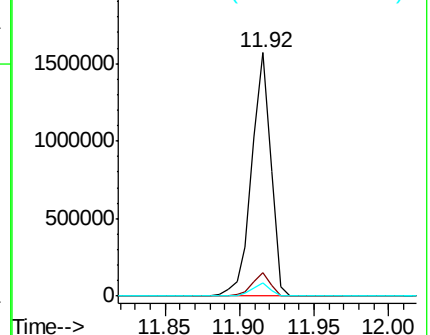
104 5.3 4.2 6.2

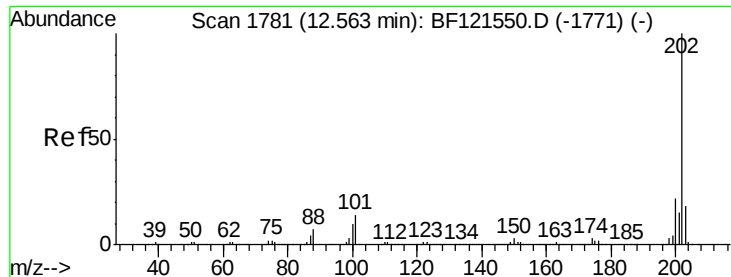


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

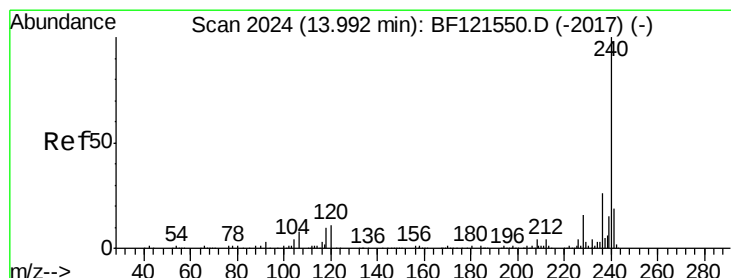
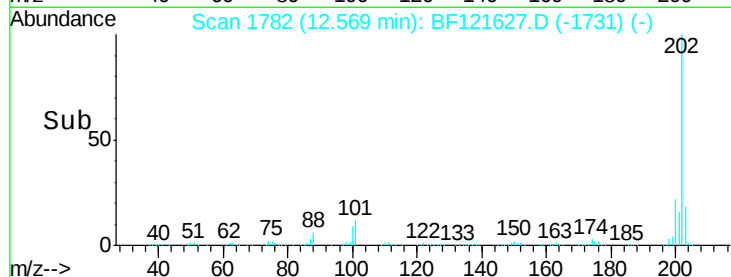
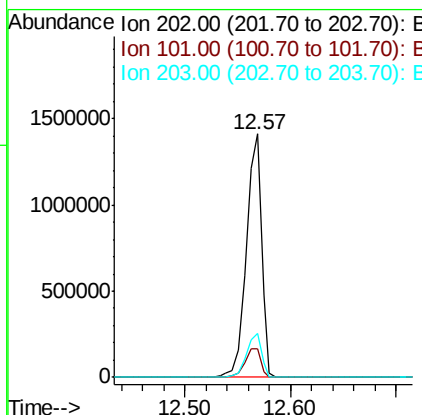
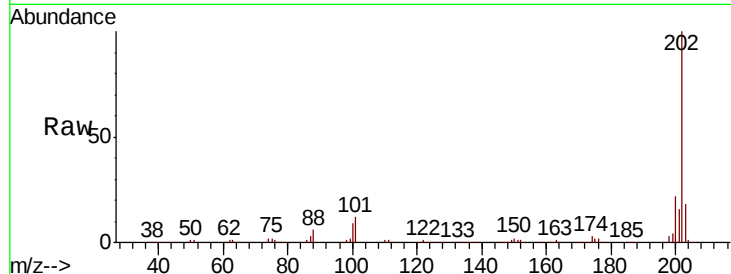




#75
 Fluoranthene
 Concen: 34.608 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

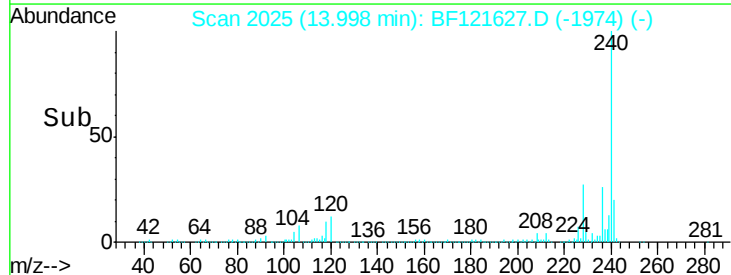
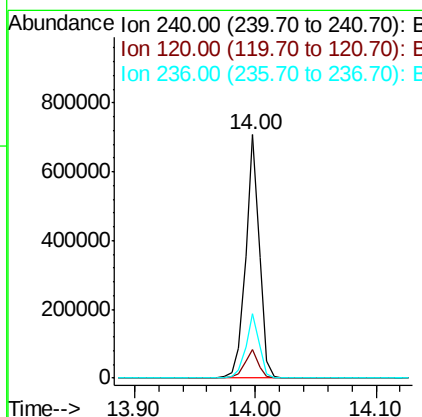
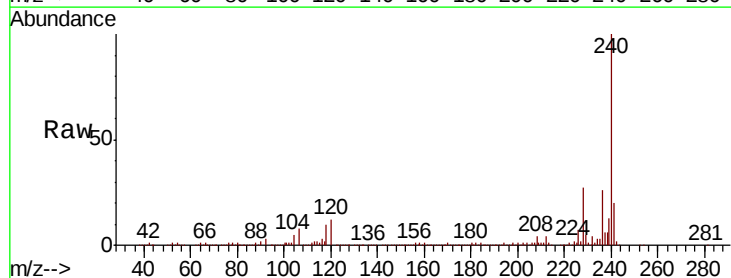
Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

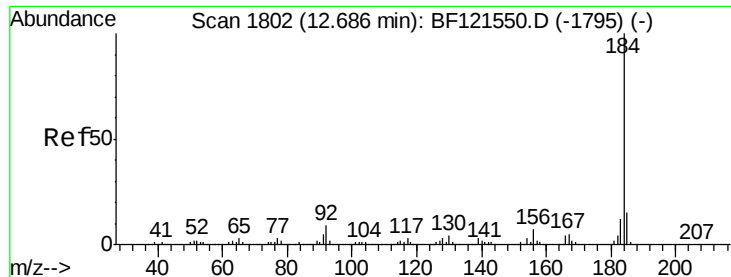
Tot Ion:202 Resp: 1402375
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.9
 203 18.2 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:240 Resp: 561017
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.2 13.8
 236 26.3 20.4 30.6





#77

Benzidine

Concen: 33.515 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

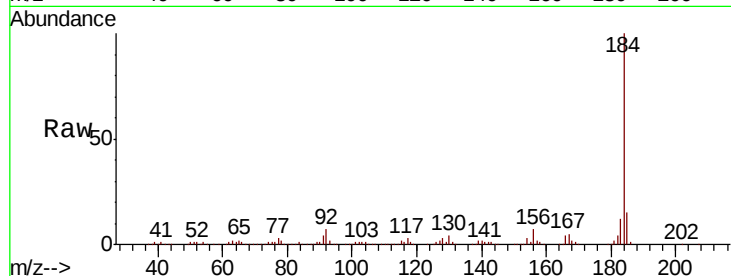
Tot Ion:184 Resp: 623343

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

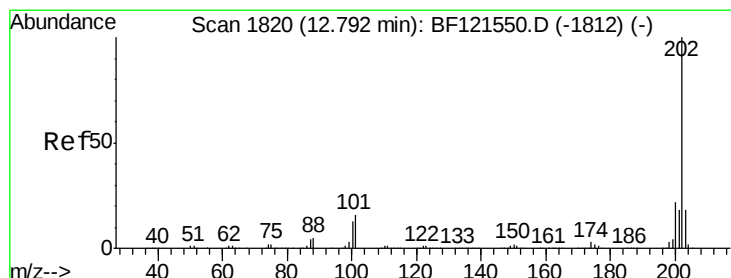
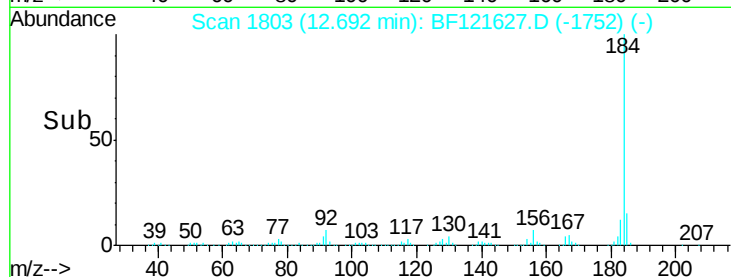
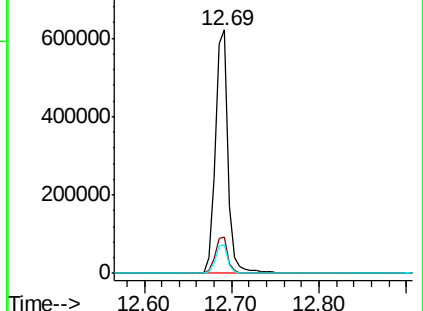
183 11.6 9.6 14.4



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: 34.690 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

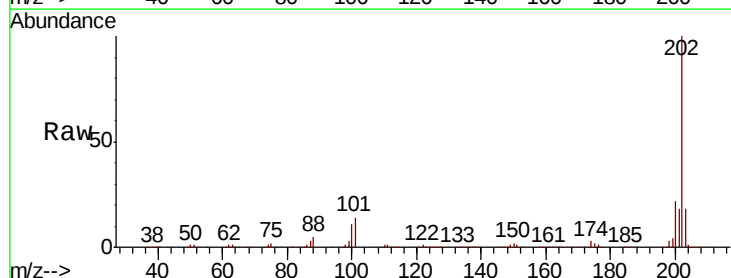
Tgt Ion:202 Resp: 1421943

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

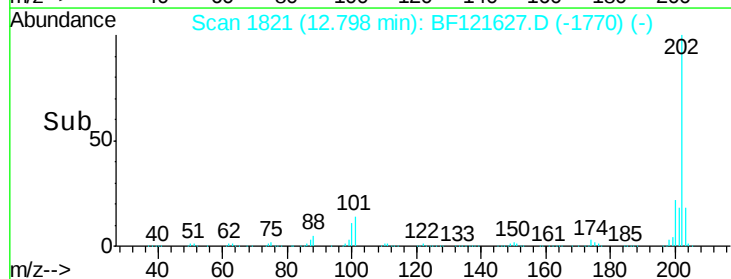
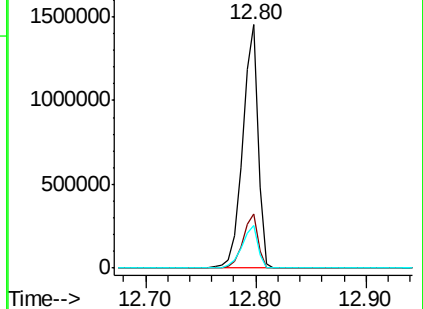
203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.358 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

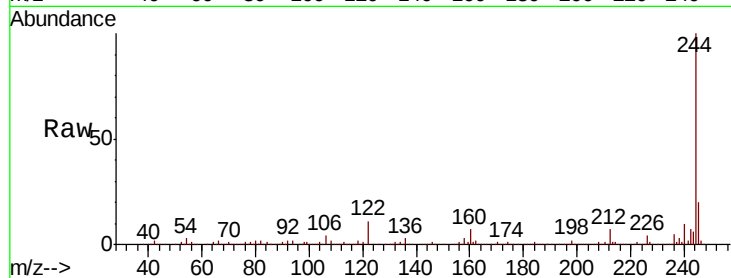
Tot Ion:244 Resp: 1976062

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

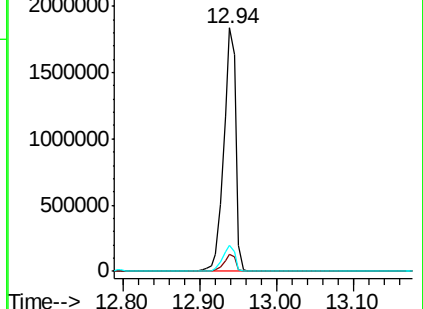
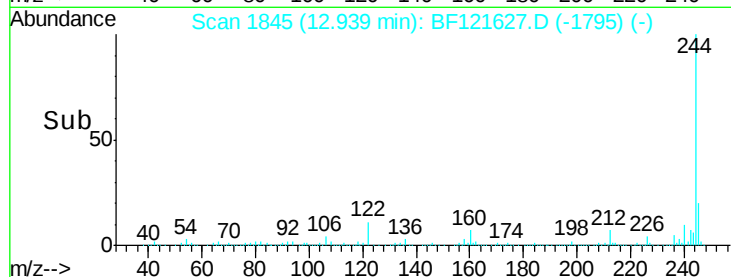
122 10.8 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.672 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

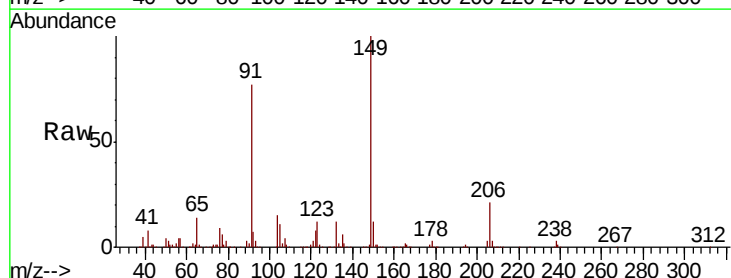
Tgt Ion:149 Resp: 591347

Ion Ratio Lower Upper

149 100

91 76.8 61.0 91.4

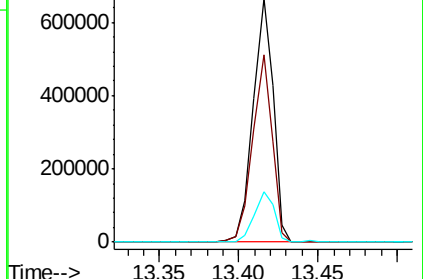
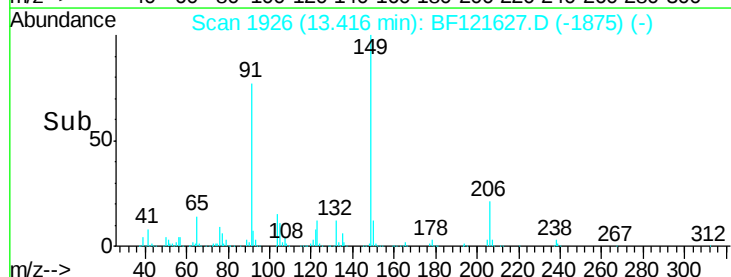
206 20.8 16.6 25.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.142 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

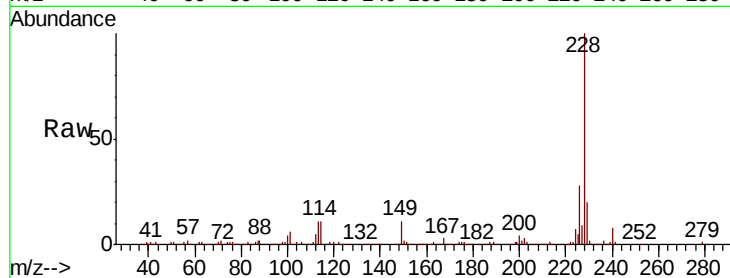
BNA_F

ClientSampleId :

PB131752BS

Tot Ion:228 Resp: 1247293

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	16.2	24.2

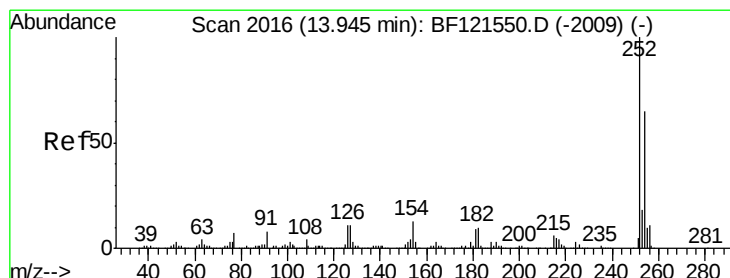
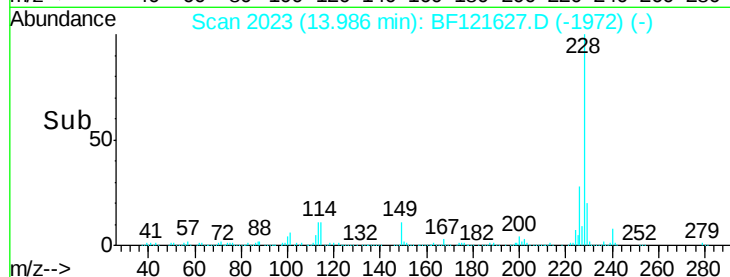
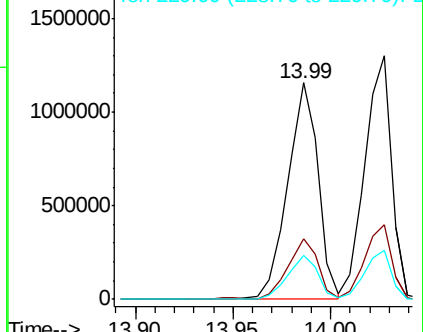


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.842 ng

RT: 13.95 min Scan# 2017

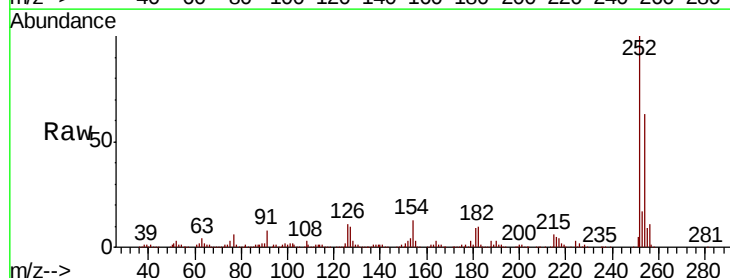
Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Tgt Ion:252 Resp: 371938

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.4
126	10.7	8.6	13.0

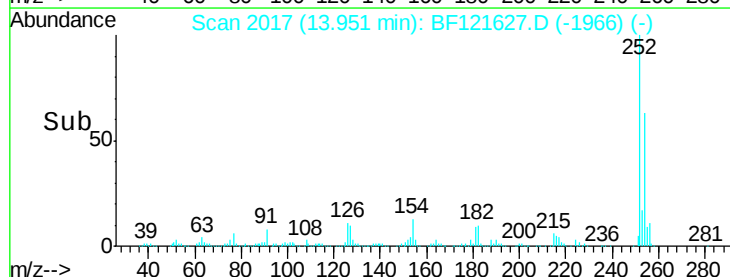
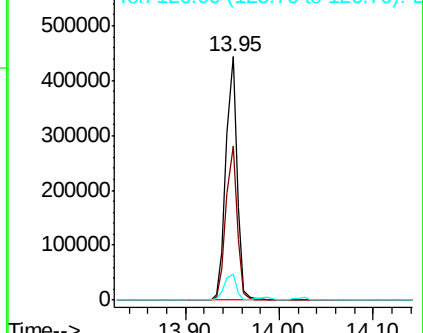


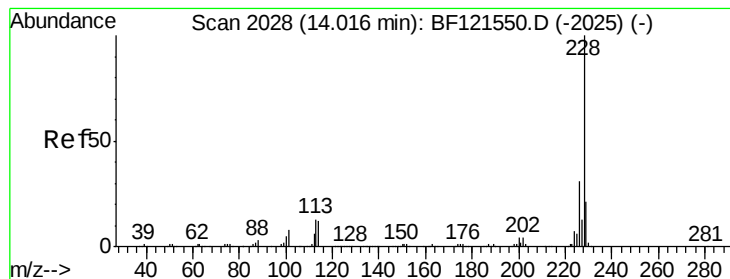
Abundance

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: 34.567 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB131752BS

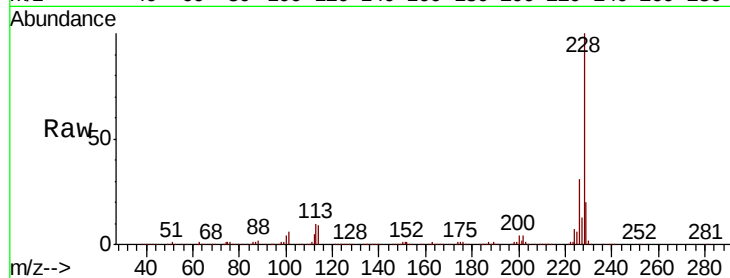
Tot Ion:228 Resp: 1242358

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

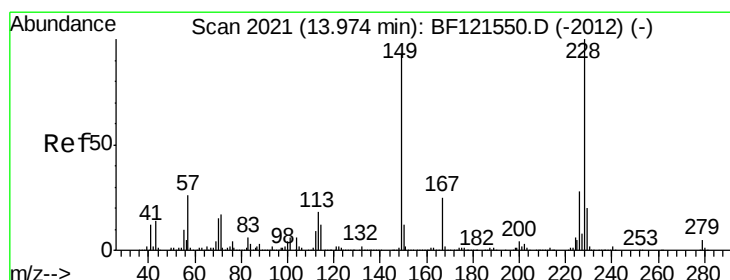
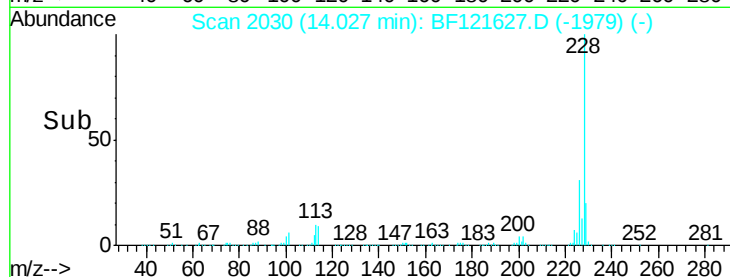
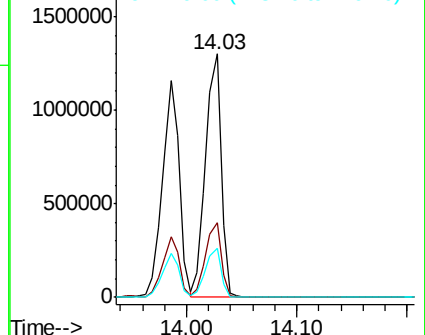
229 20.1 16.0 24.0



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: 33.542 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121627.D

Acq: 21 Sep 2020 15:22

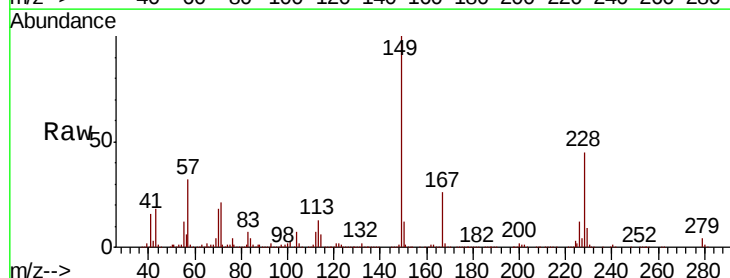
Tgt Ion:149 Resp: 742820

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

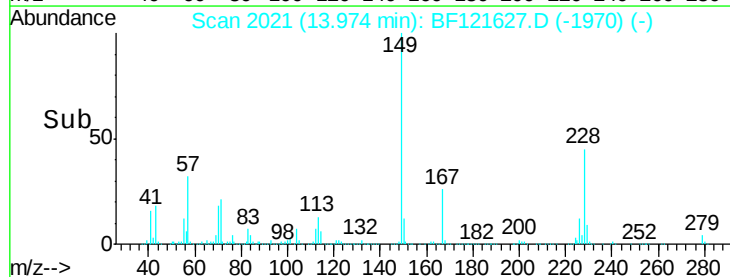
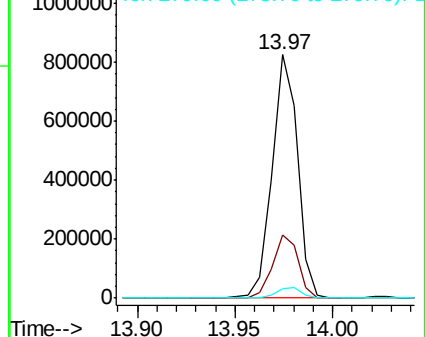
279 4.0 3.4 5.0

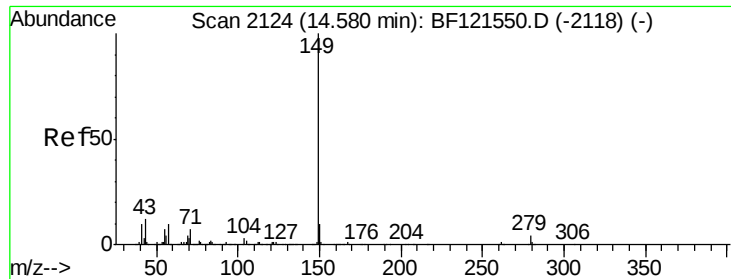


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

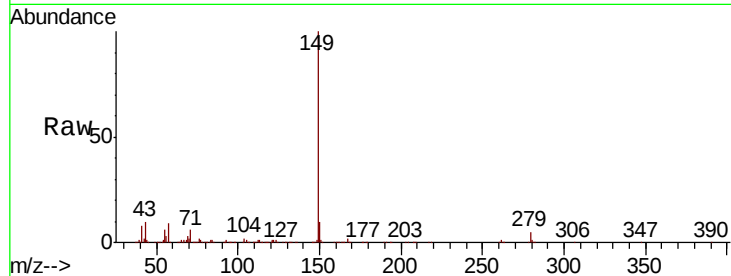




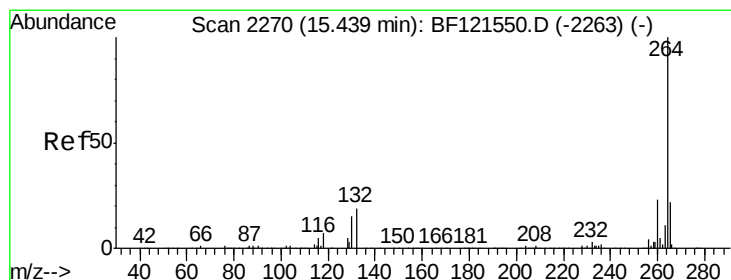
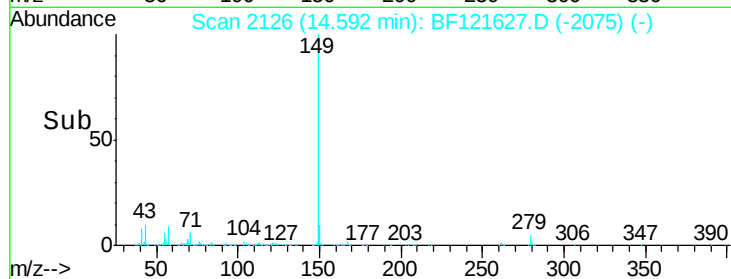
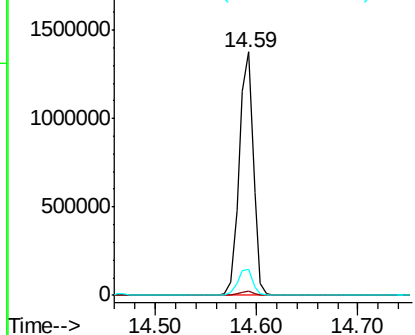
#85
Di-n-octyl phthalate
Concen: 34.273 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion:149 Resp: 1339516
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.0 13.4

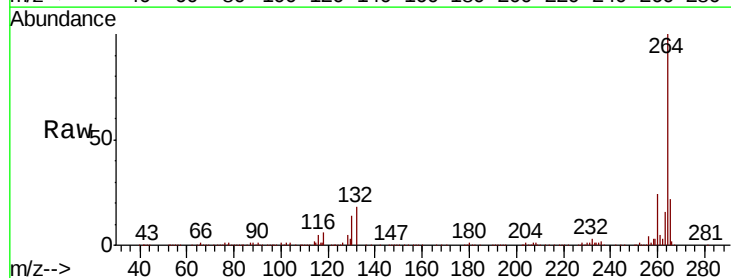


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

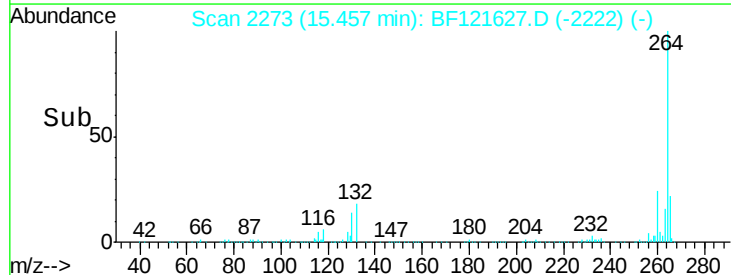
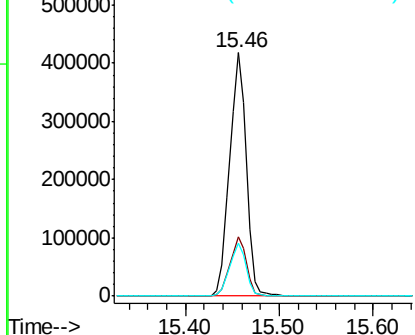


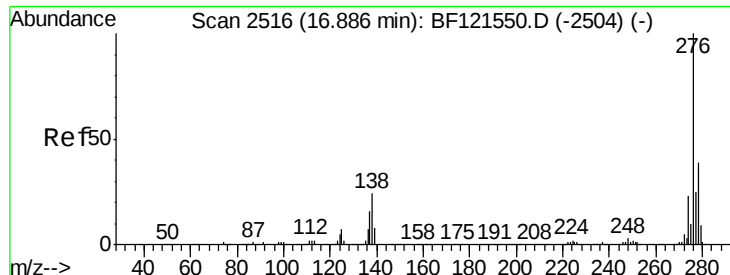
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:264 Resp: 516682
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.6 17.3 25.9



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

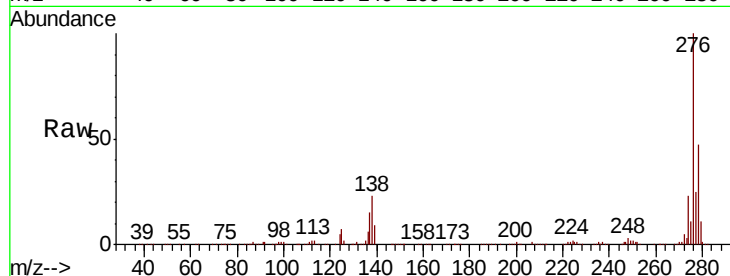




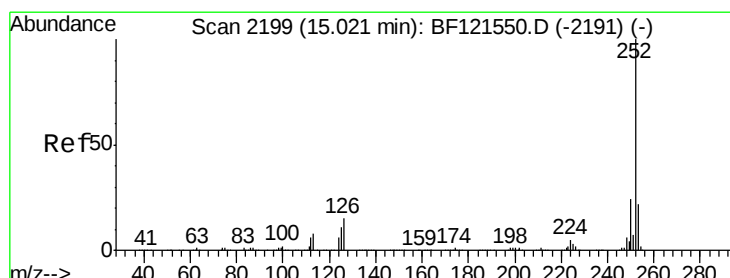
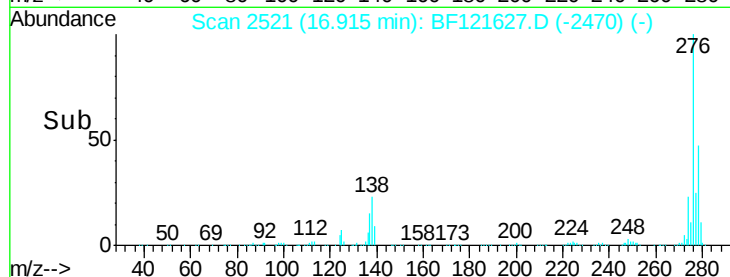
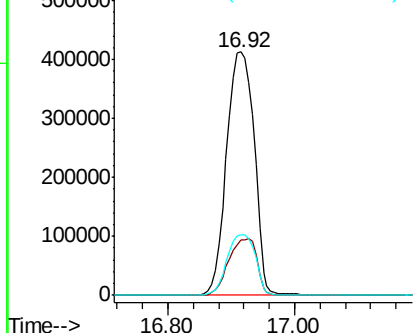
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.071 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB131752BS

Tot Ion:276 Resp: 1247366
 Ion Ratio Lower Upper
 276 100
 138 23.8 19.0 28.6
 277 25.5 20.2 30.2

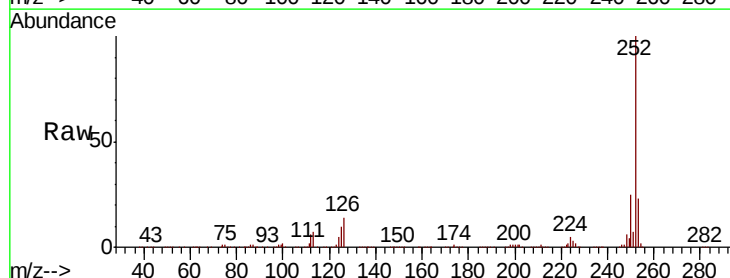


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

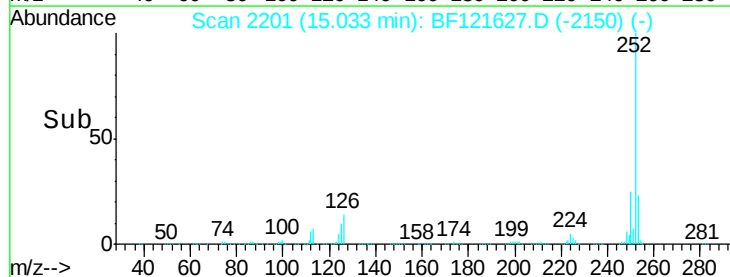
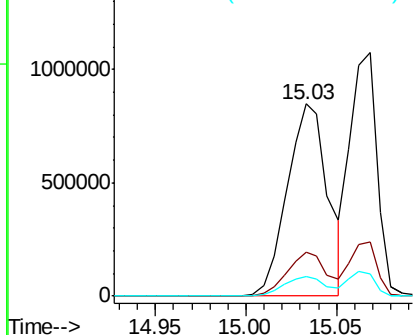


#88
 Benzo(b)fluoranthene
 Concen: 38.387 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BF121627.D
 Acq: 21 Sep 2020 15:22

Tgt Ion:252 Resp: 1325913
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.2 27.4
 125 10.4 8.5 12.7



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

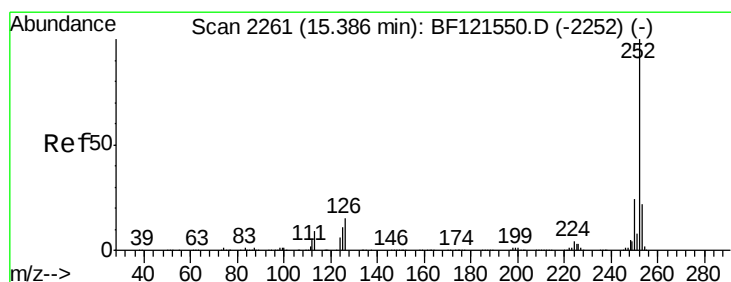
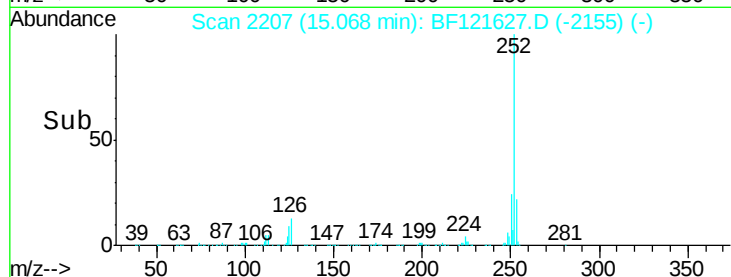
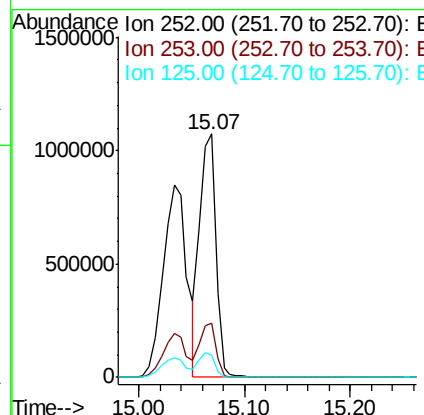
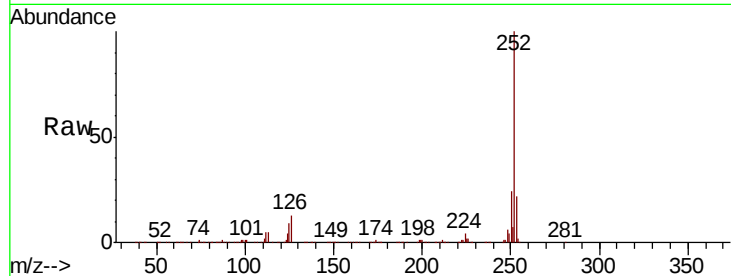




#89
Benzo(k)fluoranthene
Concen: 35.655 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

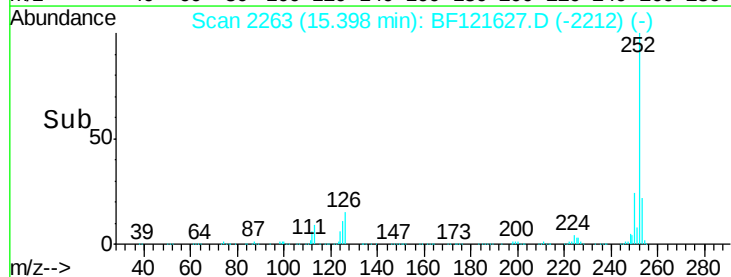
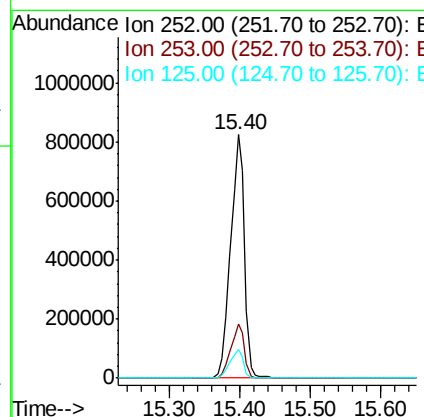
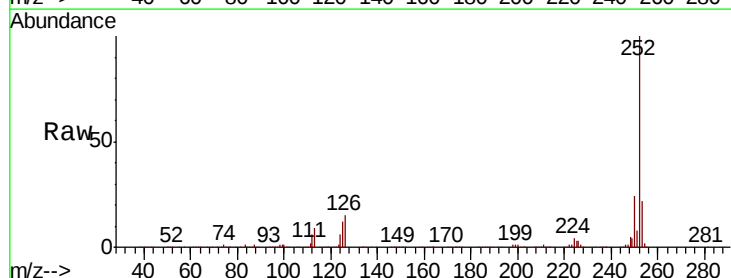
Instrument :
BNA_F
ClientSampled :
PB131752BS

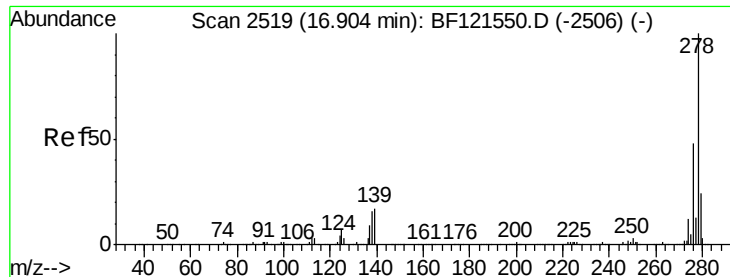
Tot Ion:252 Resp: 1127773
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 38.164 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:252 Resp: 1120536
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.5 9.1 13.7



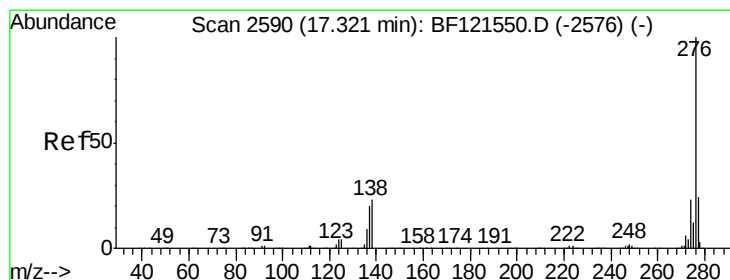
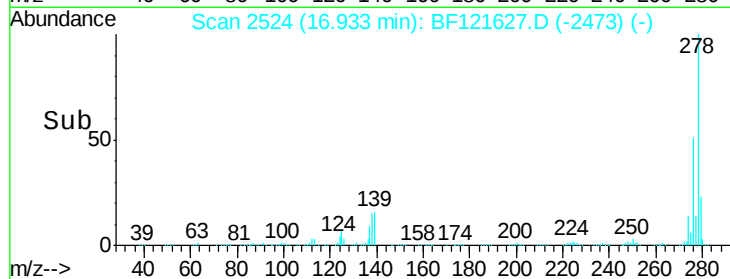
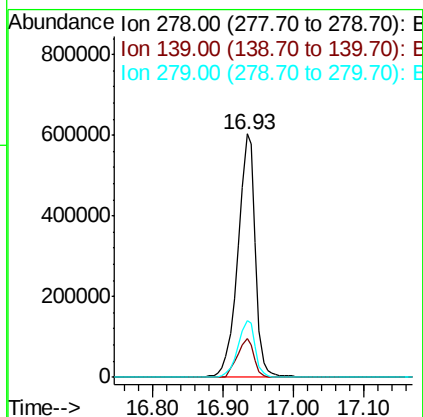
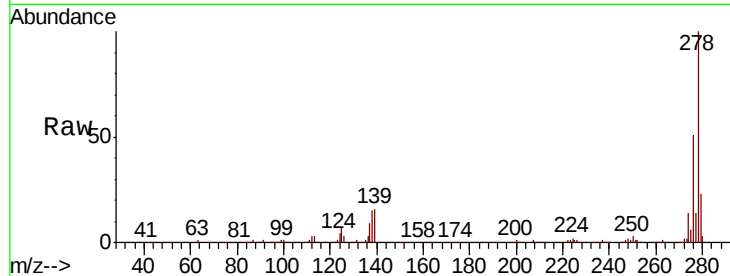


#91
Dibenzo(a,h)anthracene
Concen: 36.882 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Tot Ion:278 Resp: 1033041

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.0	18.0
279	23.5	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 37.111 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF121627.D
Acq: 21 Sep 2020 15:22

Tgt Ion:276 Resp: 1021757

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	19.2	16.9	25.3

