

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
 Data File : BF121647.D
 Acq On : 22 Sep 2020 18:50
 Operator : JU/CG
 Sample : PB131763BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Quant Time: Sep 22 19:12:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159318	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635536	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	347213	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	657894	20.00	ng	0.00
76) Chrysene-d12	13.98	240	535130	20.00	ng	0.00
86) Perylene-d12	15.43	264	457987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	920570	85.87	ng	0.01
7) Phenol-d6	6.45	99	1211066	86.11	ng	0.00
23) Nitrobenzene-d5	7.38	82	828336	69.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	427420	99.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1515878	66.12	ng	0.00
79) Terphenyl-d14	12.93	244	1704001	64.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	240324	48.796	ng	97
3) Pyridine	3.37	79	336561	24.719	ng	99
4) n-Nitrosodimethylamine	3.32	42	213494	33.805	ng	96
6) Aniline	6.47	93	542662	29.625	ng	97
8) 2-Chlorophenol	6.60	128	422026	38.665	ng	98
9) Benzaldehyde	6.36	77	288251	31.351	ng	99
10) Phenol	6.46	94	526535	35.156	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	408451	36.185	ng	99
12) 1,3-Dichlorobenzene	6.75	146	428291	35.156	ng	97
13) 1,4-Dichlorobenzene	6.83	146	431784	35.298	ng	97
14) 1,2-Dichlorobenzene	6.98	146	418543	37.141	ng	99
15) Benzyl Alcohol	6.96	79	373125	39.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	634548	34.933	ng	99
17) 2-Methylphenol	7.07	107	355991	38.332	ng	98
18) Hexachloroethane	7.32	117	156756	35.789	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	296147	36.535	ng	98
20) 3+4-Methylphenols	7.23	107	418661	37.520	ng	# 88
22) Acetophenone	7.22	105	562024	34.855	ng	99
24) Nitrobenzene	7.40	77	453697	35.439	ng	95
25) Isophorone	7.64	82	840060	35.256	ng	98
26) 2-Nitrophenol	7.71	139	220604	37.211	ng	96
27) 2,4-Dimethylphenol	7.75	122	374491	35.209	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	519384	35.210	ng	99
29) 2,4-Dichlorophenol	7.96	162	360664	37.230	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	359365	35.223	ng	99
31) Naphthalene	8.12	128	1180315	35.182	ng	99
32) Benzoic acid	7.90	122	252039	34.107	ng	94
33) 4-Chloroaniline	8.17	127	445237	30.616	ng	97
34) Hexachlorobutadiene	8.23	225	216873	36.214	ng	98
35) Caprolactam	8.55	113	65067	20.169	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	400653	38.392	ng	96
37) 2-Methylnaphthalene	8.81	142	799319	36.356	ng	99
38) 1-Methylnaphthalene	8.91	142	756329	36.963	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	370346	34.146	ng	99

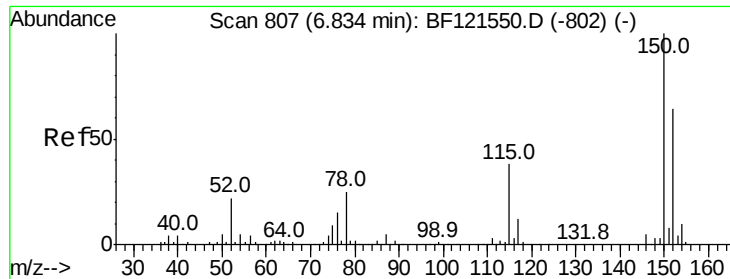
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF092220\
 Data File : BF121647.D
 Acq On : 22 Sep 2020 18:50
 Operator : JU/CG
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Quant Time: Sep 22 19:12:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	393861	63.590	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	269658	36.476	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	290649	37.190	ng	97
46) 1,1'-Biphenyl	9.27	154	977619	35.170	ng	100
47) 2-Chloronaphthalene	9.30	162	753683	34.408	ng	99
48) 2-Nitroaniline	9.40	65	272189	39.988	ng	95
49) Acenaphthylene	9.72	152	1213221	36.048	ng	100
50) Dimethylphthalate	9.58	163	942258	37.442	ng	100
51) 2,6-Dinitrotoluene	9.64	165	213254	39.791	ng	99
52) Acenaphthene	9.89	154	706042	33.214	ng	99
53) 3-Nitroaniline	9.81	138	184806	29.766	ng	100
54) 2,4-Dinitrophenol	9.92	184	245980	79.624	ng	98
55) Dibenzofuran	10.06	168	1059491	35.392	ng	98
56) 4-Nitrophenol	9.99	139	356190	71.939	ng	93
57) 2,4-Dinitrotoluene	10.05	165	286739	42.527	ng	95
58) Fluorene	10.40	166	825222	36.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	248692	39.142	ng	100
60) Diethylphthalate	10.28	149	918278	37.426	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	406856	37.100	ng	98
62) 4-Nitroaniline	10.43	138	233423	37.866	ng	99
63) Azobenzene	10.56	77	926970	35.477	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	163144	41.495	ng	92
66) n-Nitrosodiphenylamine	10.52	169	800822	35.480	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	281801	37.622	ng	94
68) Hexachlorobenzene	10.95	284	317760	37.591	ng	99
69) Atrazine	11.04	200	238444	42.522	ng	98
70) Pentachlorophenol	11.15	266	345034	74.323	ng	99
71) Phenanthrene	11.36	178	1295987	36.156	ng	100
72) Anthracene	11.42	178	1329690	35.947	ng	100
73) Carbazole	11.57	167	1211602	36.297	ng	100
74) Di-n-butylphthalate	11.90	149	1411870	36.647	ng	100
75) Fluoranthene	12.55	202	1421628	37.153	ng	99
77) Benzidine	12.67	184	769028	43.348	ng	100
78) Pyrene	12.78	202	1452656	37.154	ng	99
80) Butylbenzylphthalate	13.40	149	602328	38.092	ng	100
81) Benzo(a)anthracene	13.97	228	1271633	37.561	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	404062	30.571	ng	100
83) Chrysene	14.01	228	1225824	35.756	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	768407	36.375	ng	99
85) Di-n-octyl phthalate	14.57	149	1323168	35.492	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1101591	36.934	ng	100
88) Benzo(b)fluoranthene	15.01	252	1261437	41.201	ng	99
89) Benzo(k)fluoranthene	15.04	252	1039491	37.075	ng	99
90) Benzo(a)pyrene	15.37	252	1029290	39.549	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	910273	36.664	ng	99
92) Benzo(g,h,i)perylene	17.31	276	910499	37.308	ng	99

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

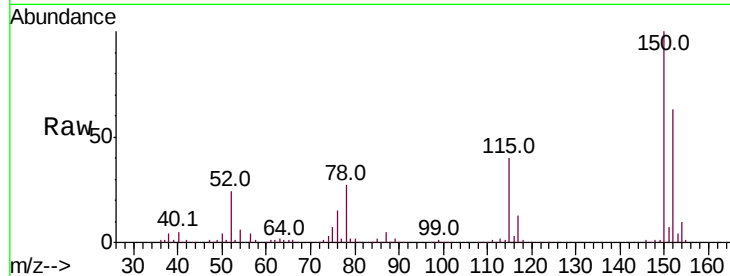


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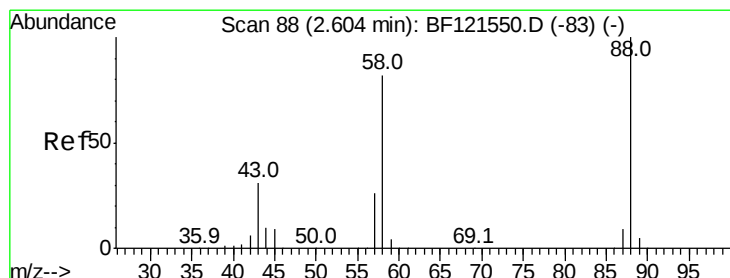
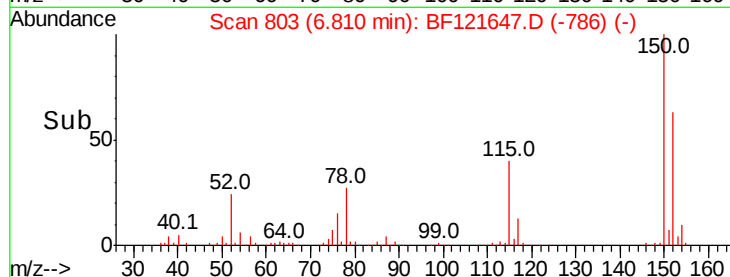
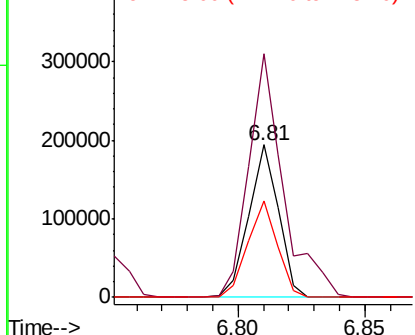
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:152 Resp: 159318
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 63.7 52.6 79.0



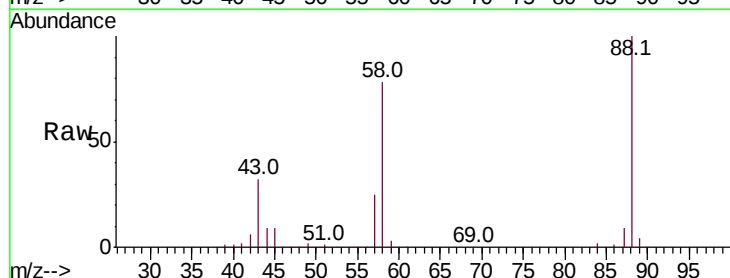
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



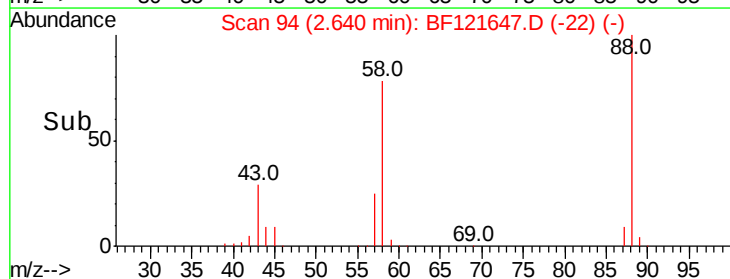
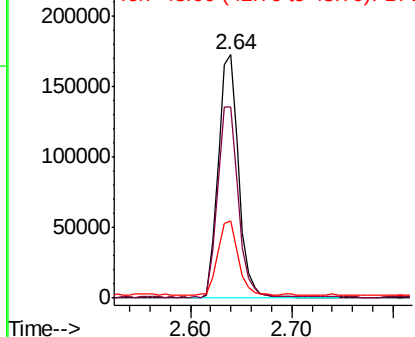
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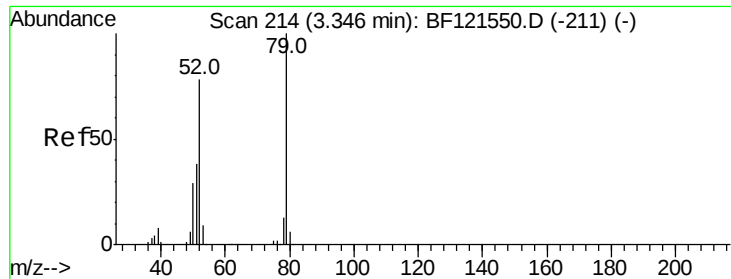
1,4-Dioxane
Concen: 48.796 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion: 88 Resp: 240324
Ion Ratio Lower Upper
88 100
58 78.6 65.4 98.0
43 30.0 24.9 37.3



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

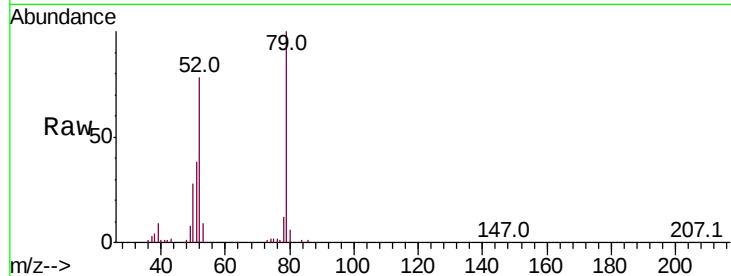




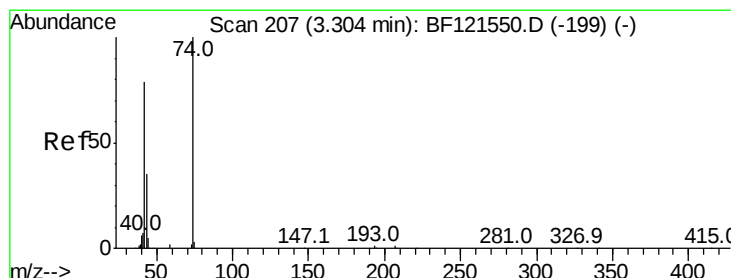
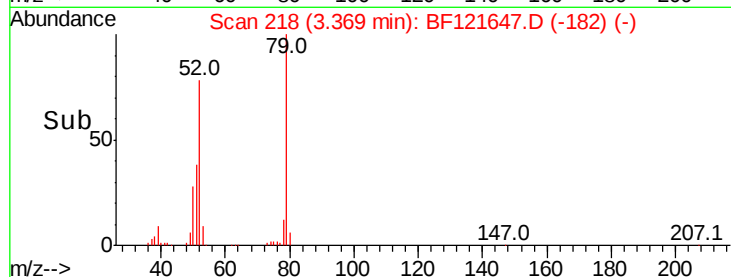
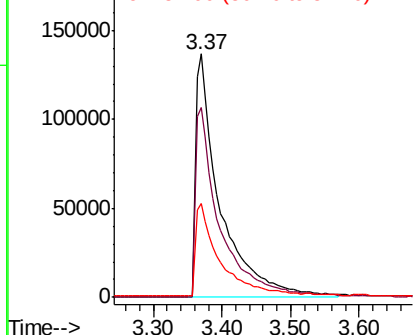
#3
 Pvrindine
 Concen: 24.719 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.11 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion: 79 Resp: 336561
 Ion Ratio Lower Upper
 79 100
 52 78.1 63.4 95.0
 51 38.4 30.7 46.1

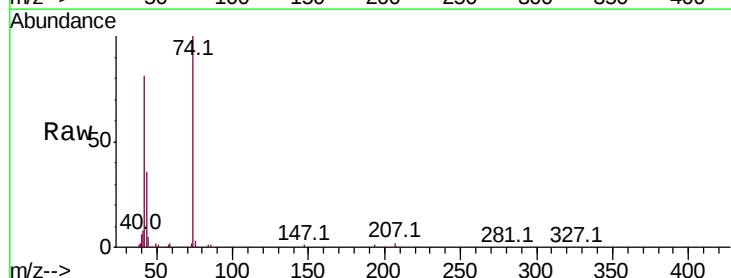


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

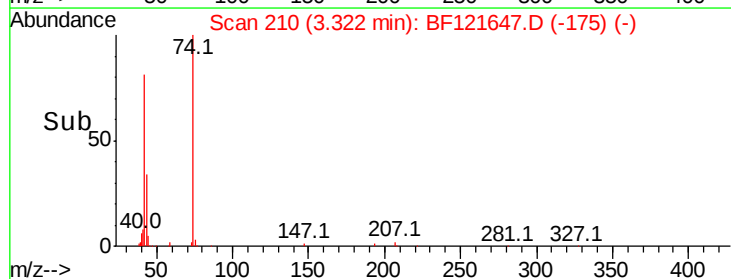
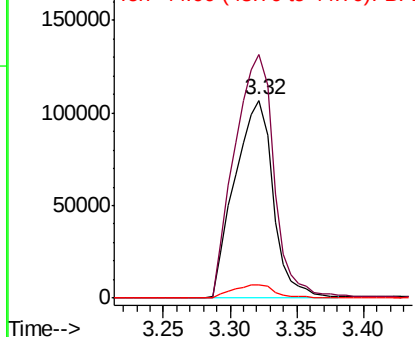


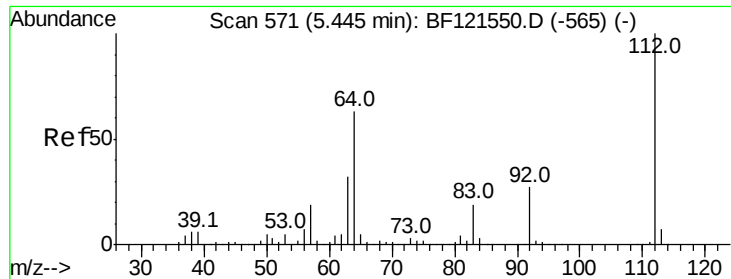
#4
 n-Nitrosodimethylamine
 Concen: 33.805 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.11 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion: 42 Resp: 213494
 Ion Ratio Lower Upper
 42 100
 74 123.1 102.6 154.0
 44 6.6 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

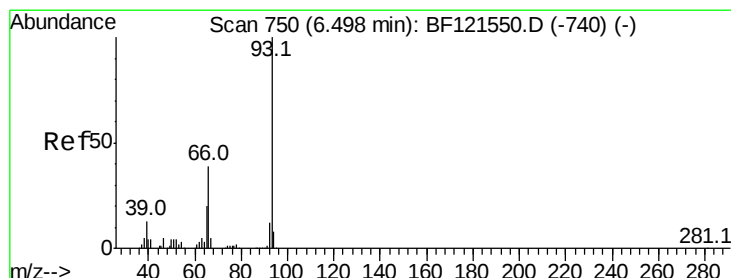
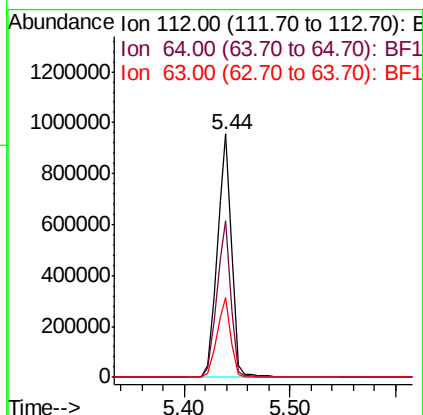
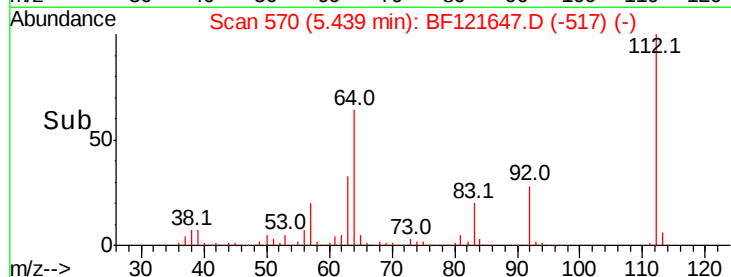
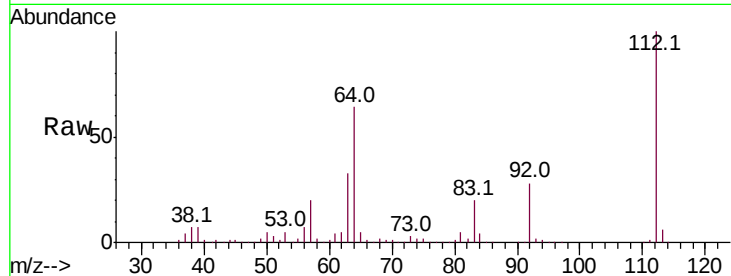




#5
 2-Fluorophenol
 Concen: 85.871 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

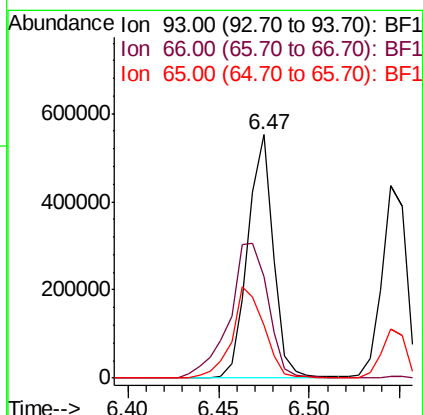
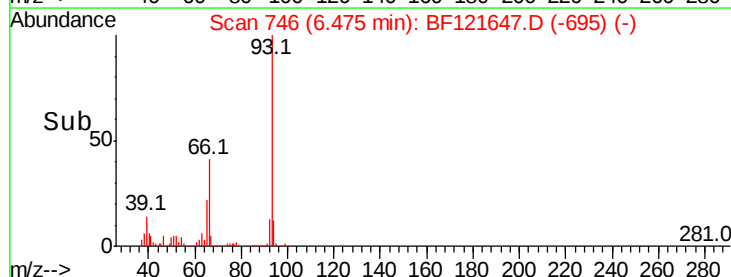
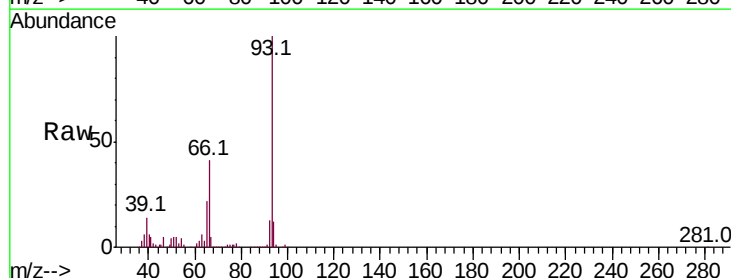
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

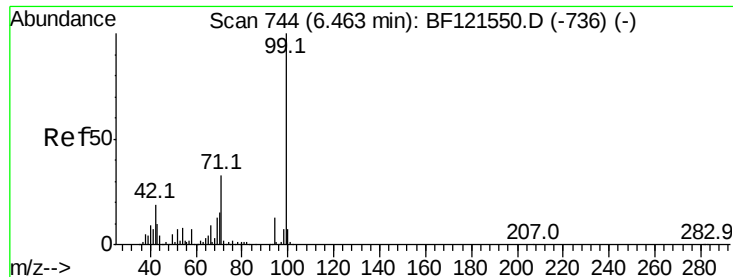
Tot Ion:	112	Resp:	920570
Ion	Ratio	Lower	Upper
112	100		
64	64.1	52.2	78.2
63	32.8	26.6	39.8



#6
 Aniline
 Concen: 29.625 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:	93	Resp:	542662
Ion	Ratio	Lower	Upper
93	100		
66	41.5	31.9	47.9
65	21.5	16.1	24.1





#7

Phenol-d6

Concen: 86.108 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

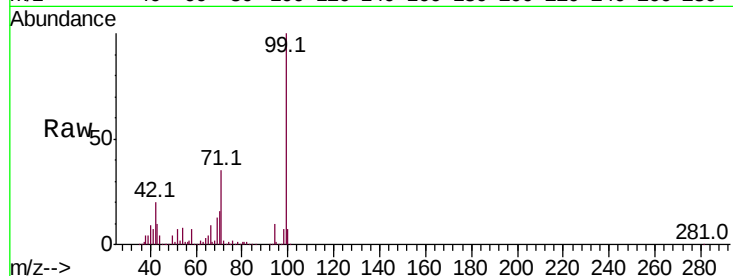
BNA_F

ClientSampleId :

PB131763BSD

Tot Ion: 99 Resp: 1211066

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.5	23.3
71	35.1	27.4	41.2

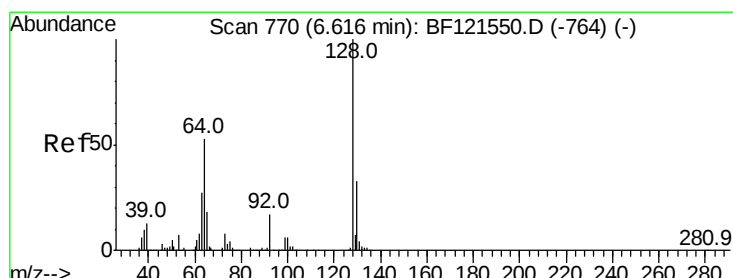
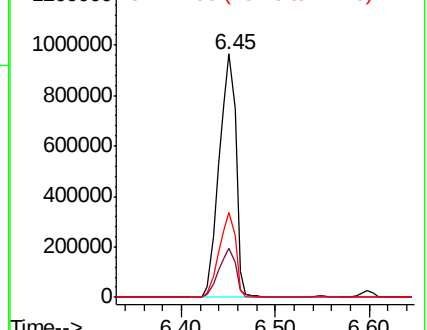
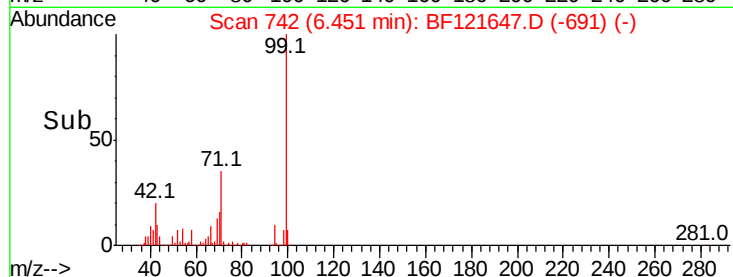


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.665 ng

RT: 6.60 min Scan# 767

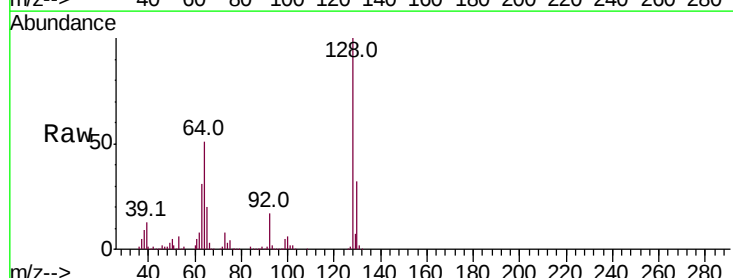
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion: 128 Resp: 422026

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.5	53.5
64	50.7	29.3	69.3

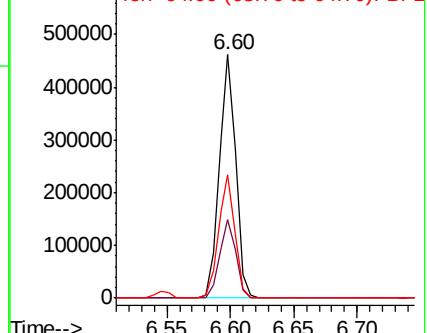
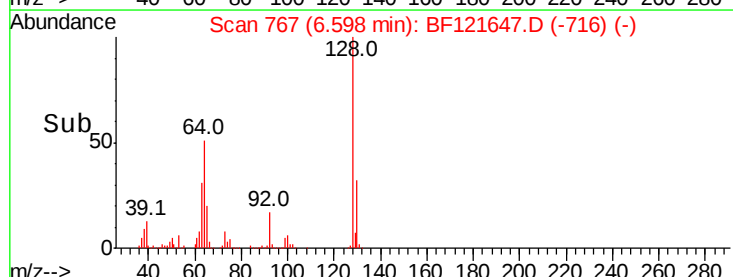


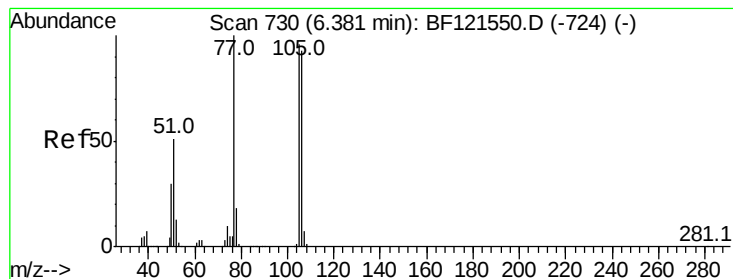
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.351 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

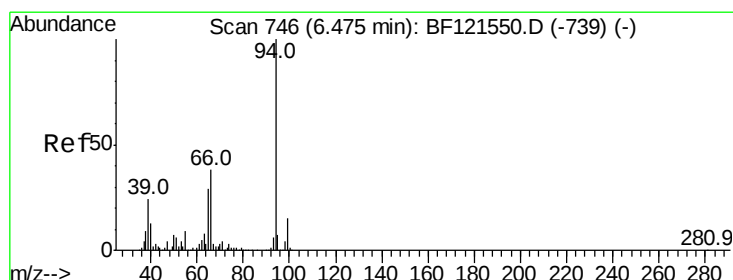
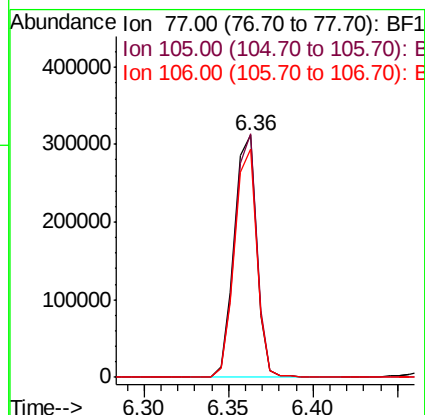
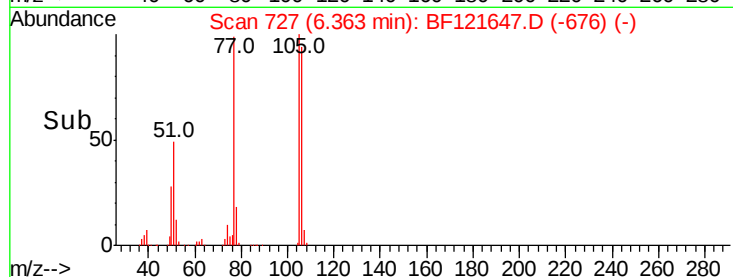
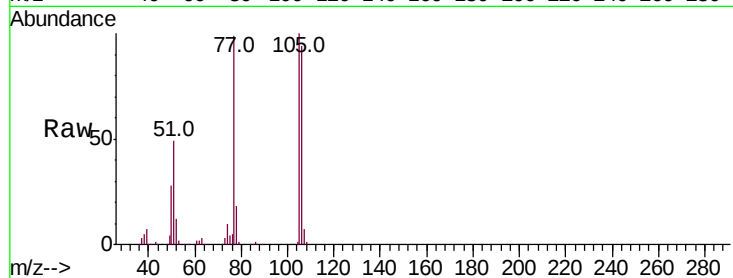
Tot Ion: 77 Resp: 288251

Ion Ratio Lower Upper

77 100

105 100.6 79.2 119.2

106 94.3 72.9 112.9



#10

Phenol

Concen: 35.156 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

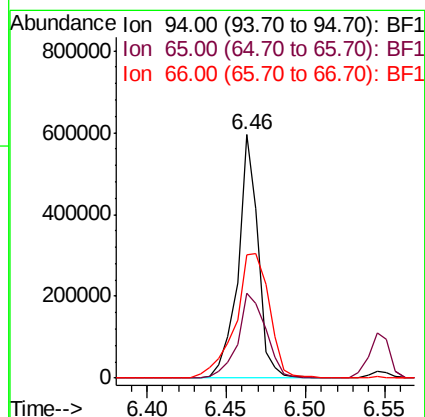
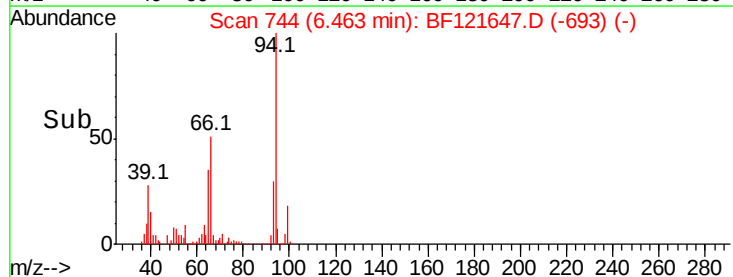
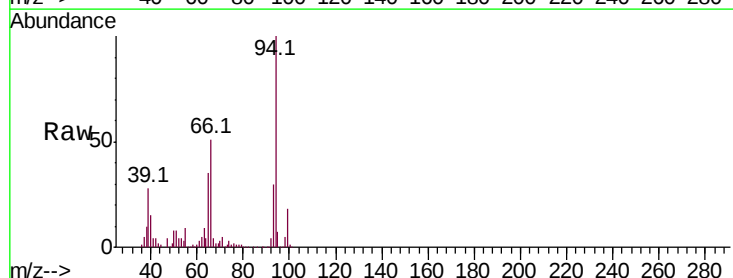
Tgt Ion: 94 Resp: 526535

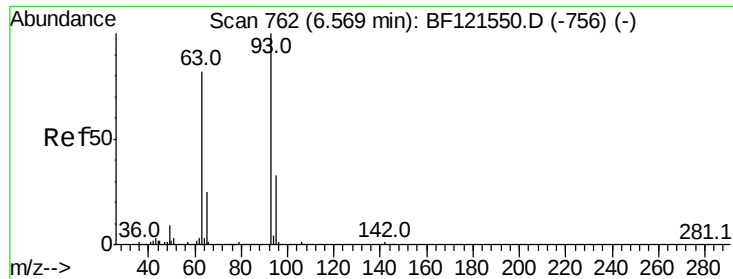
Ion Ratio Lower Upper

94 100

65 34.8 17.8 57.8

66 50.8 37.8 77.8

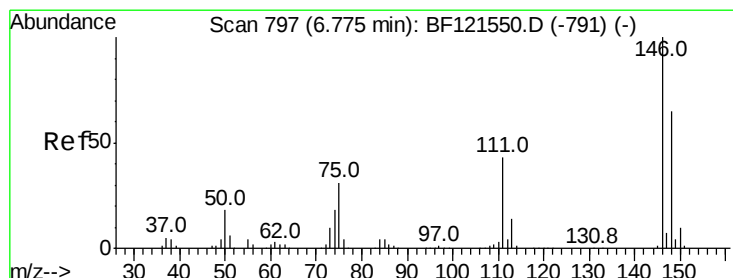
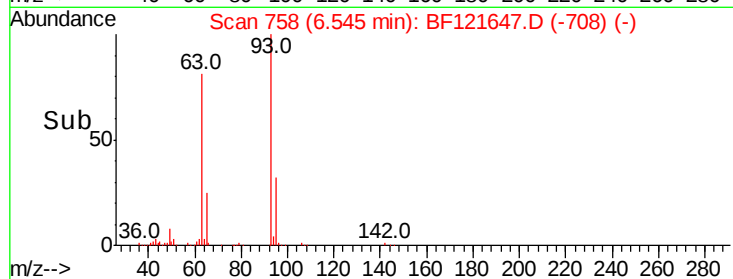
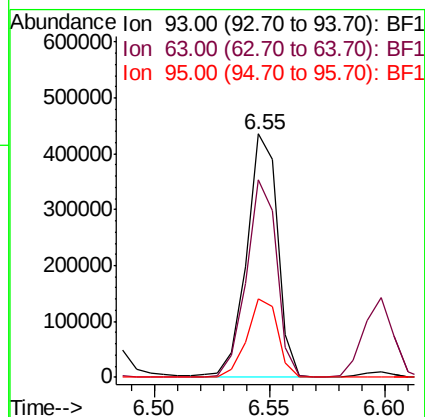
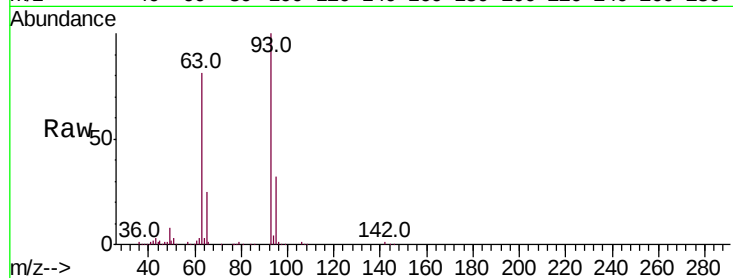




#11
bis(2-Chloroethyl)ether
Concen: 36.185 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

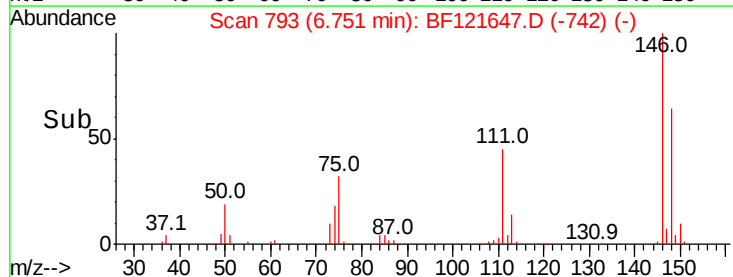
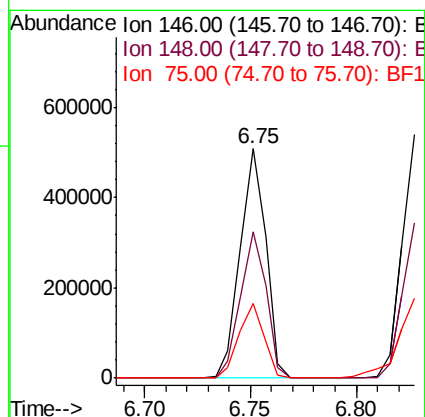
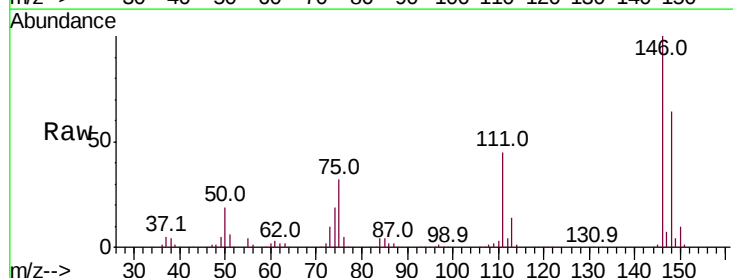
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

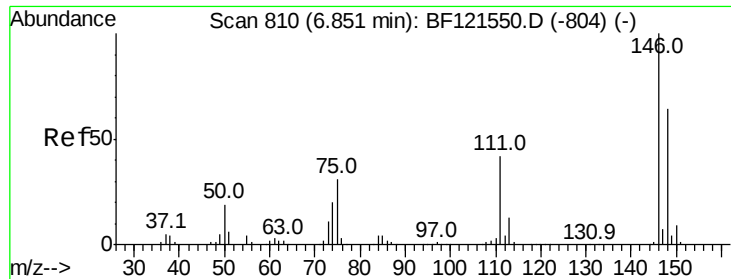
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	60.3	100.3
95	32.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 35.156 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
75	32.5	23.5	35.3

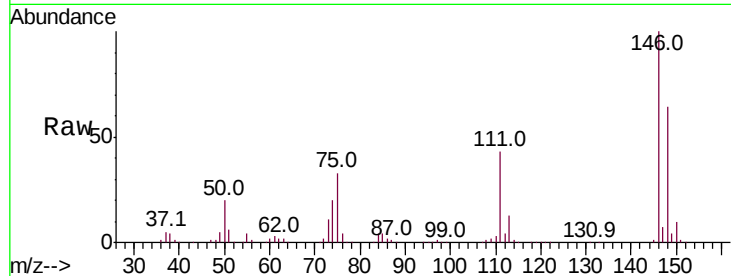




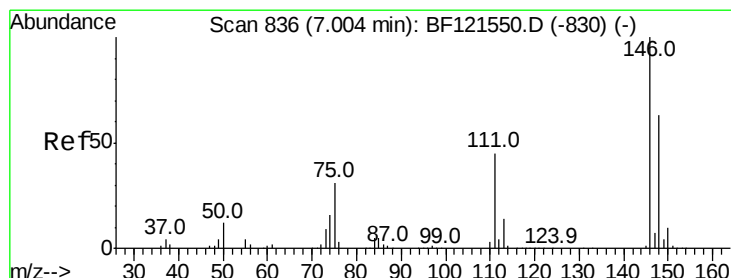
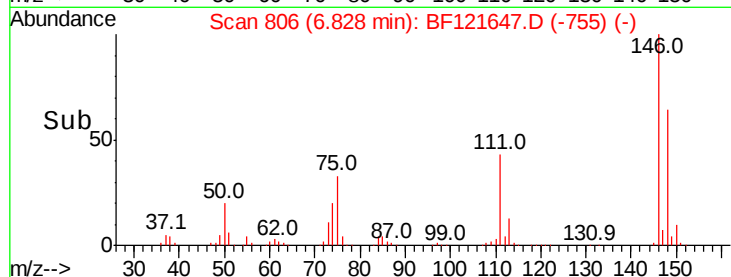
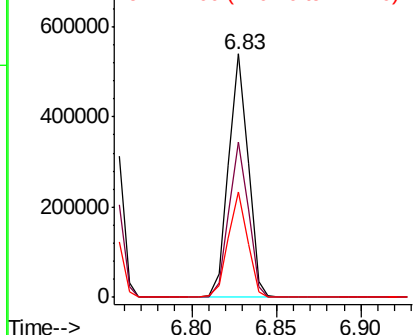
#13
 1,4-Dichlorobenzene
 Concen: 35.298 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion:146 Resp: 431784
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 43.5 32.7 49.1

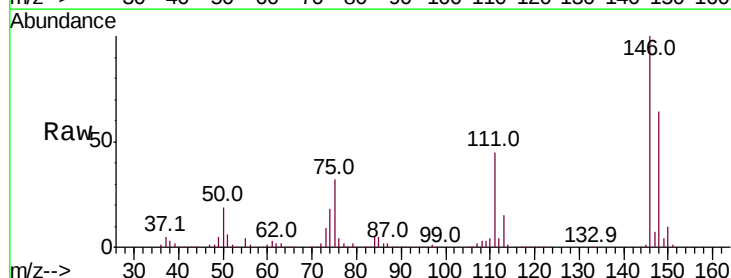


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

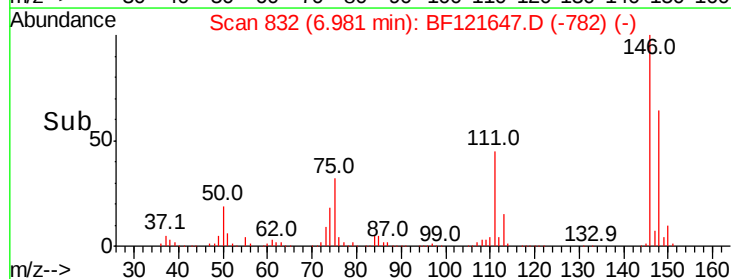
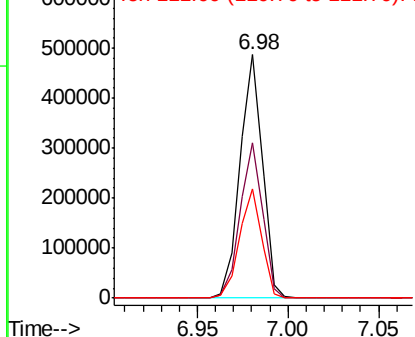


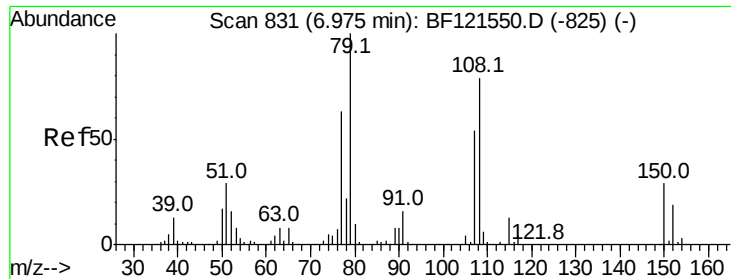
#14
 1,2-Dichlorobenzene
 Concen: 37.141 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:146 Resp: 418543
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 111 45.0 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

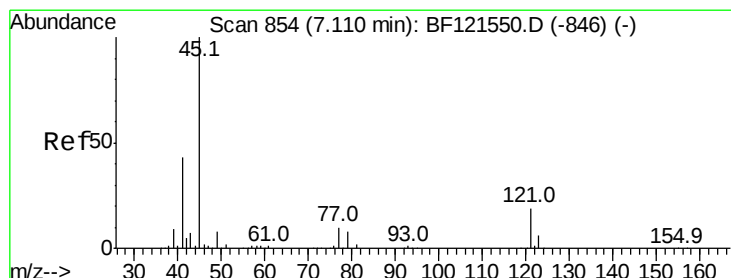
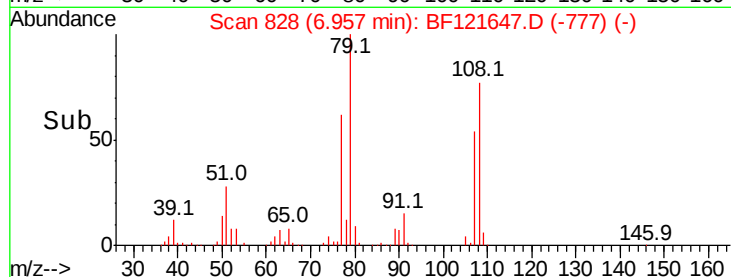
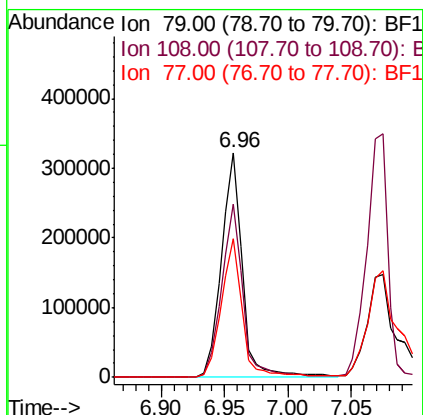
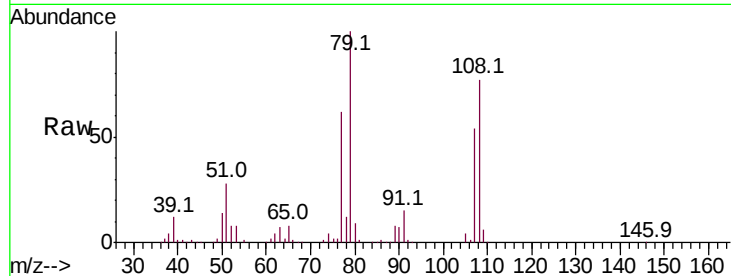




#15
Benzvl Alcohol
Concen: 39.032 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

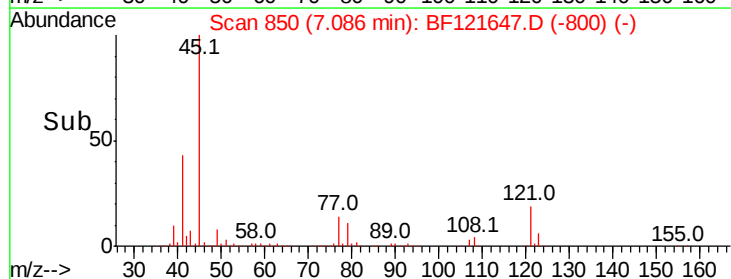
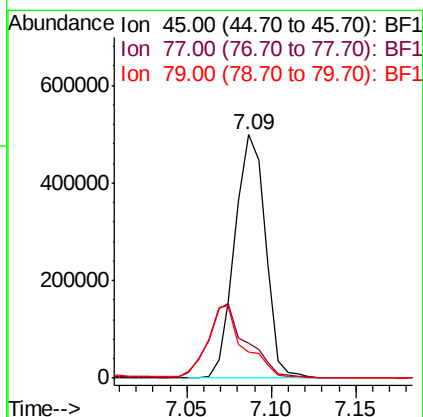
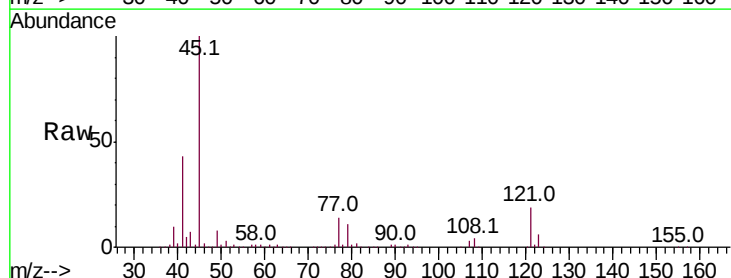
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

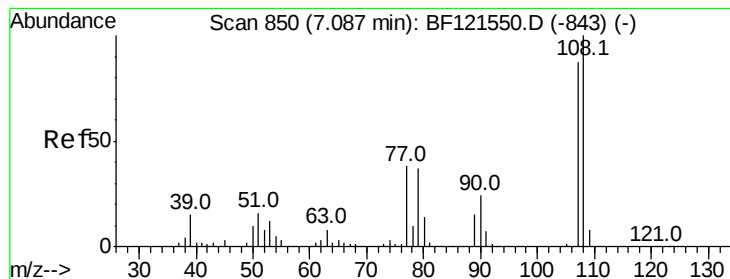
Tot Ion: 79 Resp: 373125
Ion Ratio Lower Upper
79 100
108 77.1 60.2 90.2
77 61.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.933 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion: 45 Resp: 634548
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.8
79 10.9 0.0 31.2





#17

2-Methylphenol

Concen: 38.332 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:107 Resp: 355991

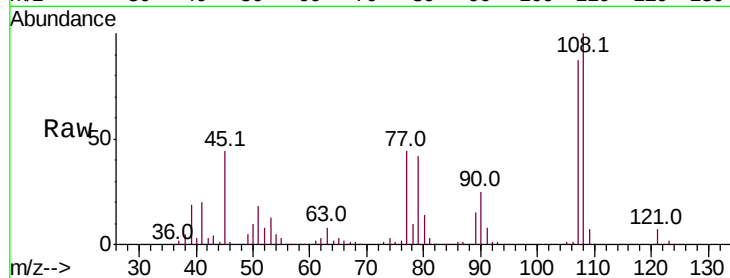
Ion Ratio Lower Upper

107 100

108 114.6 90.6 135.8

77 50.1 38.7 58.1

79 48.1 37.9 56.9

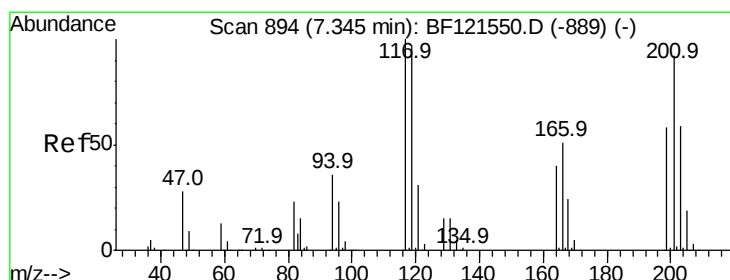
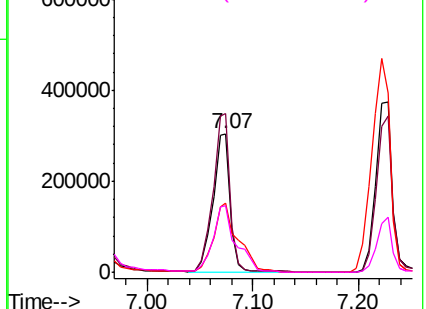
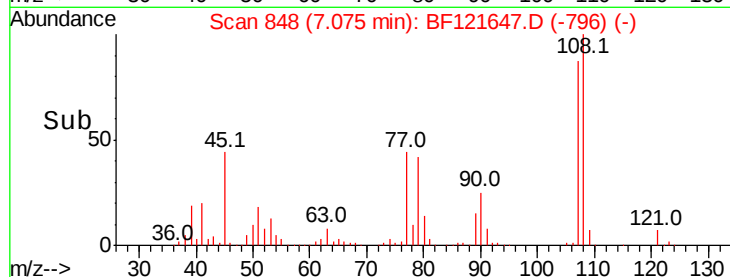


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.789 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

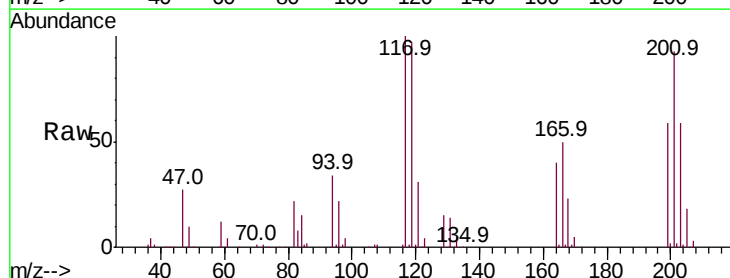
Tgt Ion:117 Resp: 156756

Ion Ratio Lower Upper

117 100

119 97.4 75.7 113.5

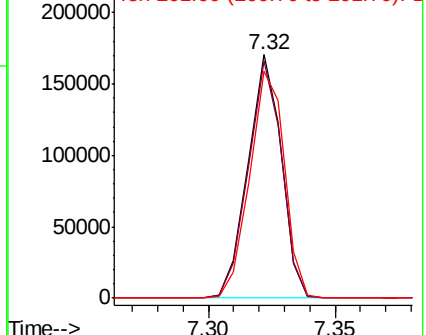
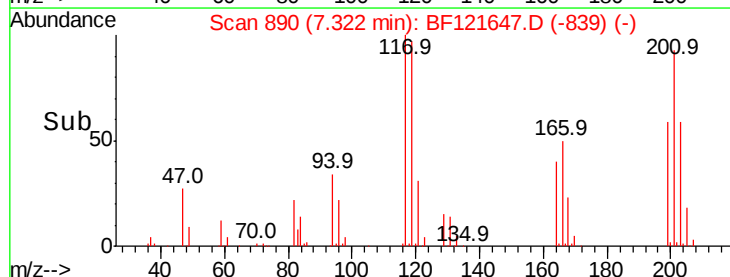
201 93.0 77.5 116.3

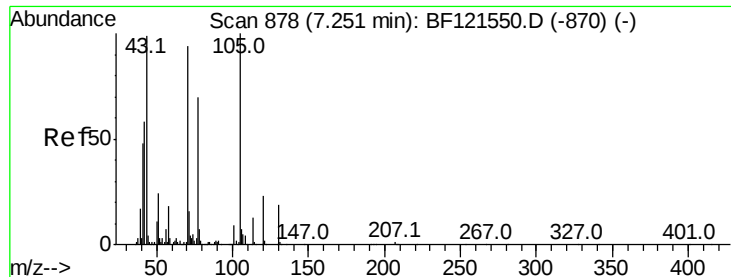


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

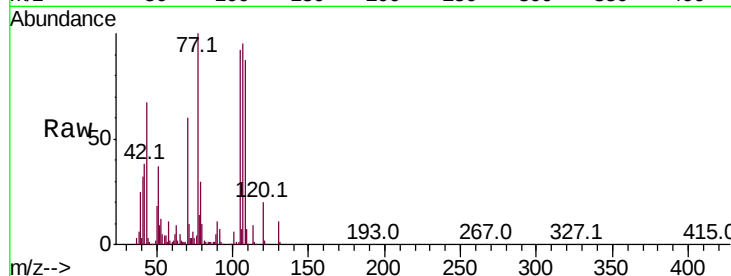




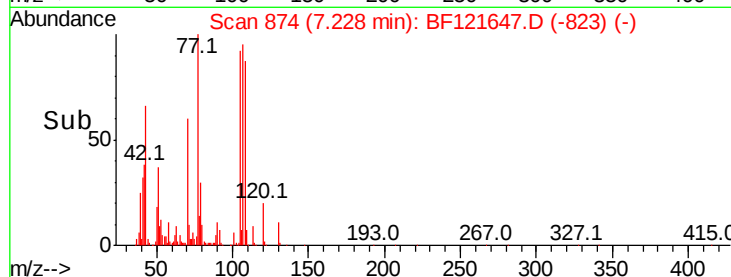
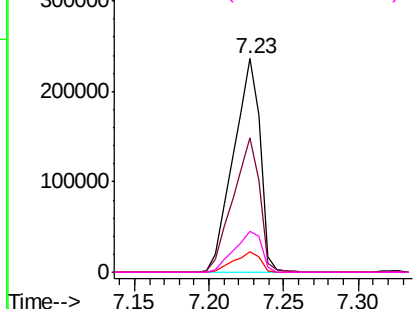
#19
n-Nitroso-di-n-propylamine
Concen: 36.535 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:	70	Resp:	296147
Ion	Ratio	Lower	Upper
70	100		
42	62.7	48.3	72.5
101	9.4	7.6	11.4
130	19.1	15.9	23.9



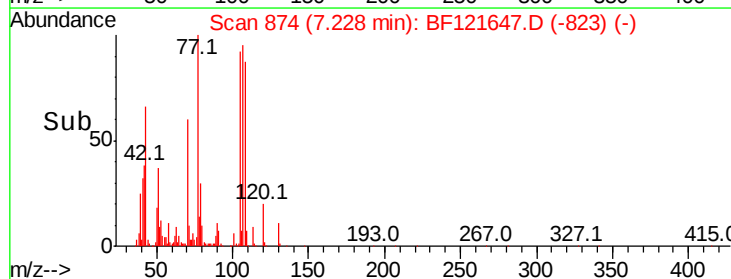
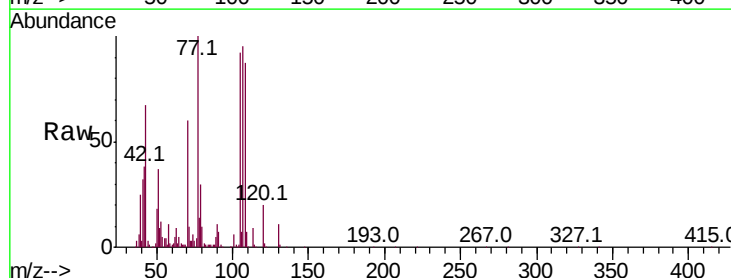
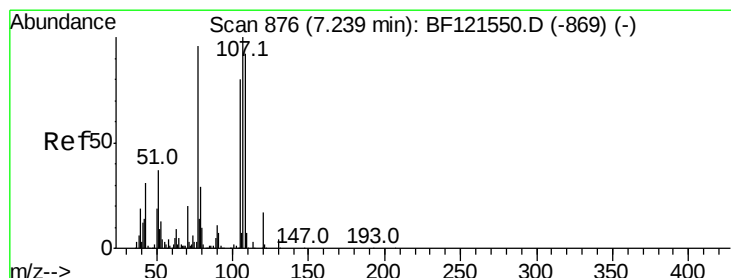
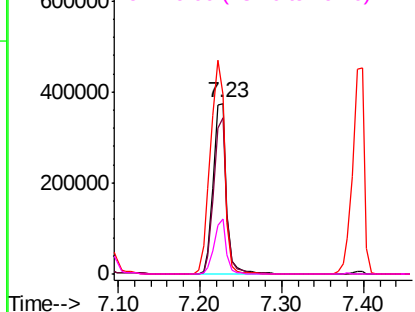
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

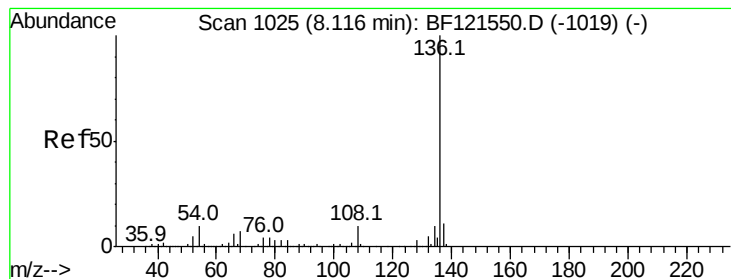


#20
3+4-Methylphenols
Concen: 37.520 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:	107	Resp:	418661
Ion	Ratio	Lower	Upper
107	100		
108	91.6	67.0	107.0
77	105.2	107.7	147.7#
79	32.0	10.3	50.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:136 Resp: 635536

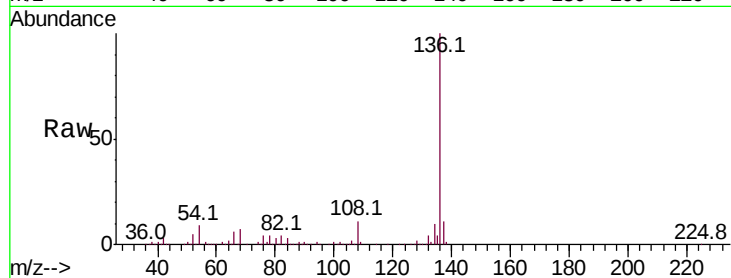
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 7.4 11.0

68 6.9 5.3 7.9

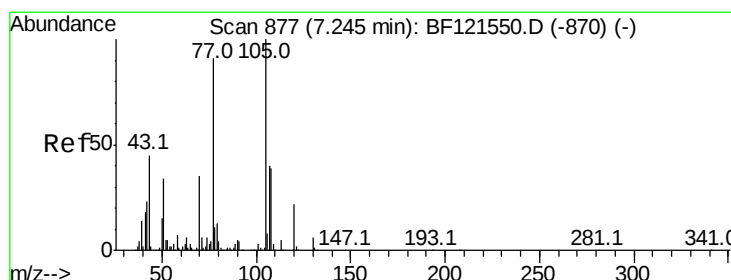
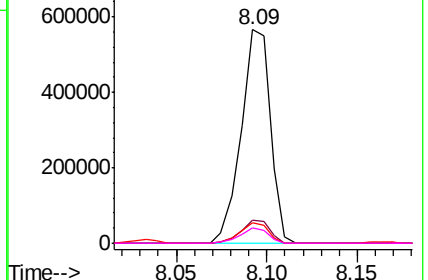
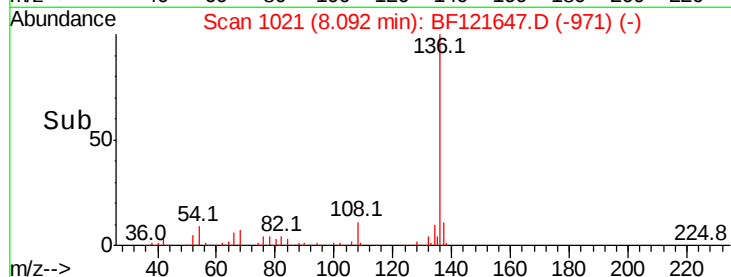


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.855 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:105 Resp: 562024

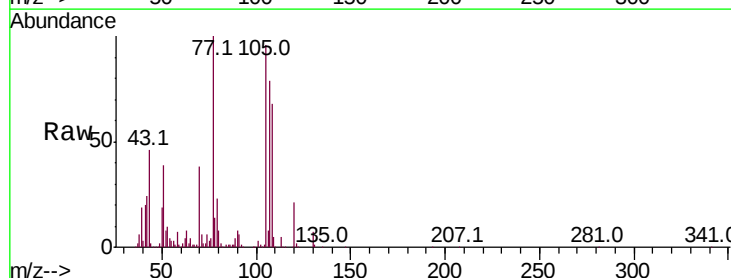
Ion Ratio Lower Upper

105 100

71 6.4 5.5 8.3

51 40.4 31.7 47.5

120 21.4 17.4 26.2

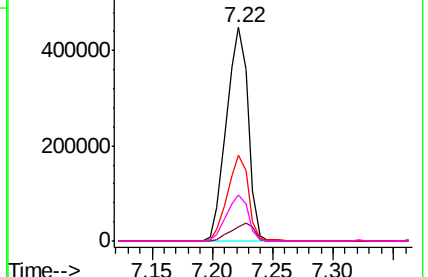
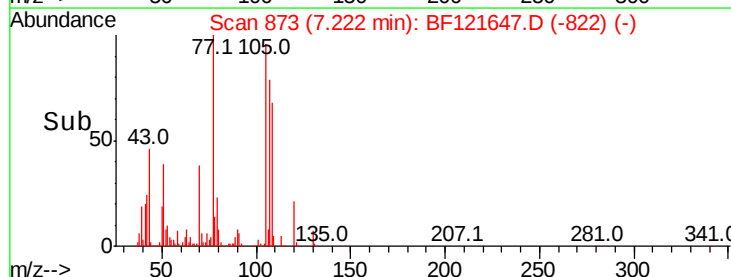


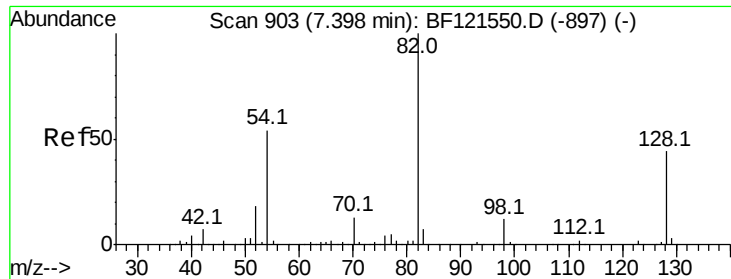
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

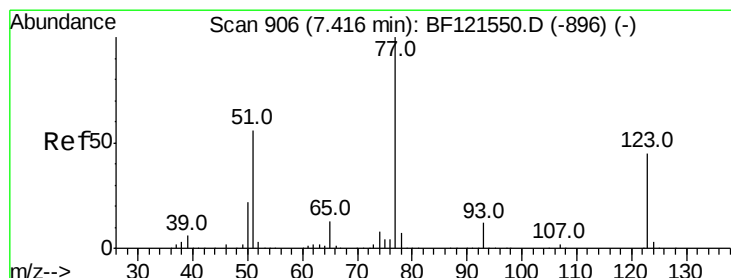
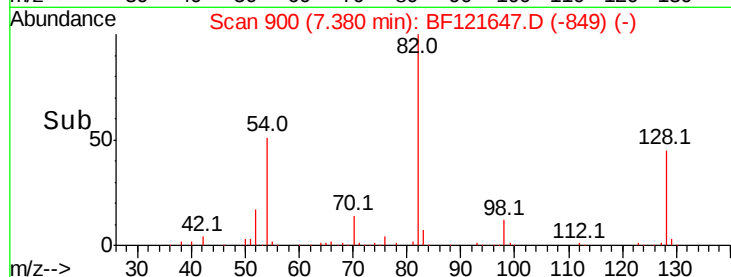
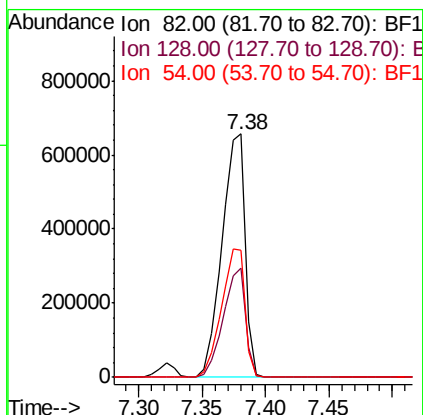
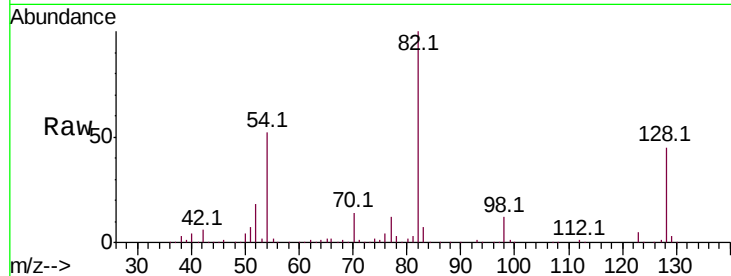




#23
 Nitrobenzene-d5
 Concen: 69.980 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

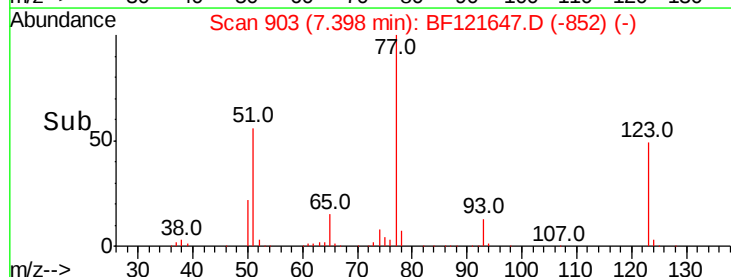
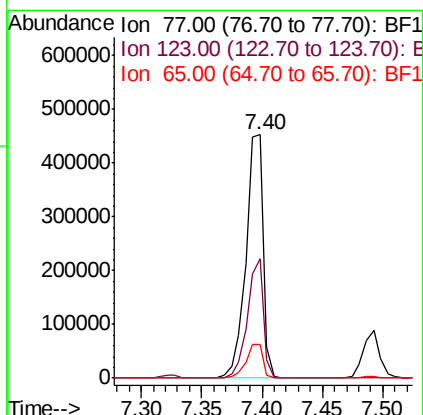
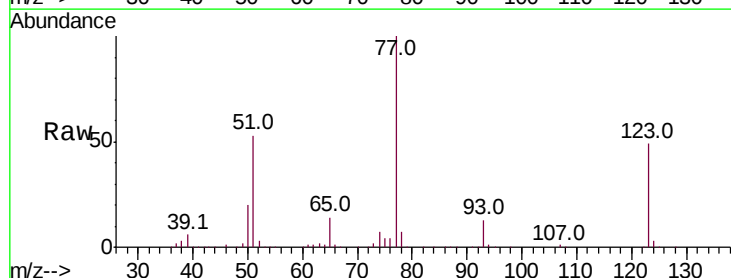
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

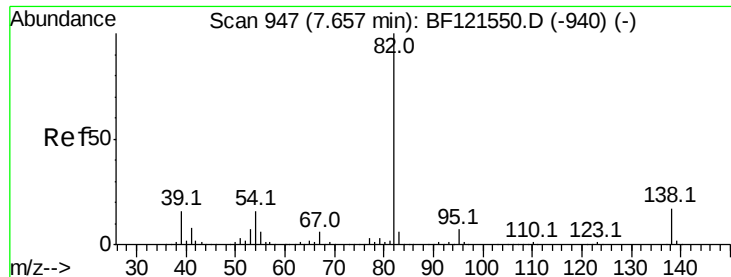
Tot Ion	82	Resp	828336
Ion Ratio	100		
Lower	33.9		
Upper	50.9		
54	52.0	42.9	64.3



#24
 Nitrobenzene
 Concen: 35.439 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	77	Resp	453697
Ion Ratio	100		
Lower	35.8		
Upper	53.8		
65	13.6	11.2	16.8





#25

Isophorone

Concen: 35.256 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

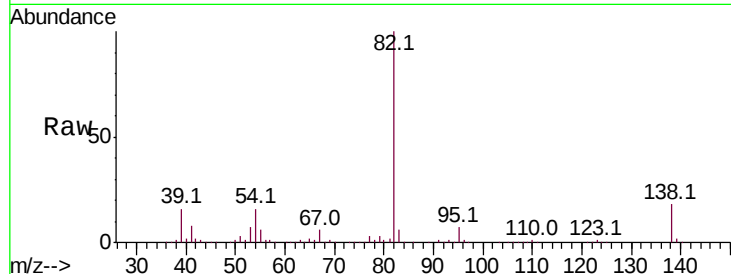
Tot Ion: 82 Resp: 840060

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

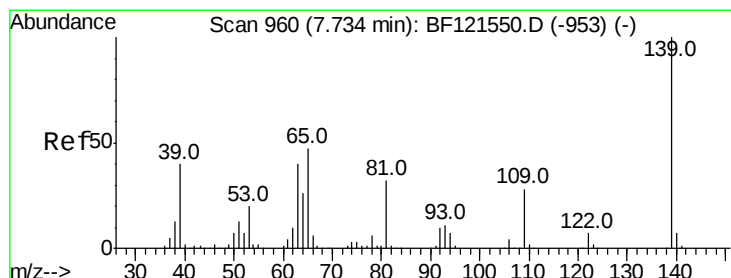
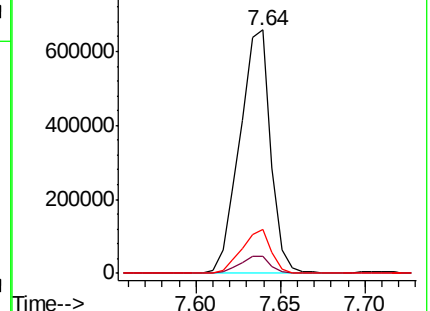
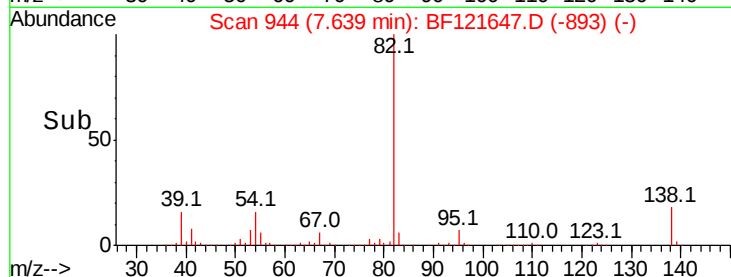
138 17.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.211 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

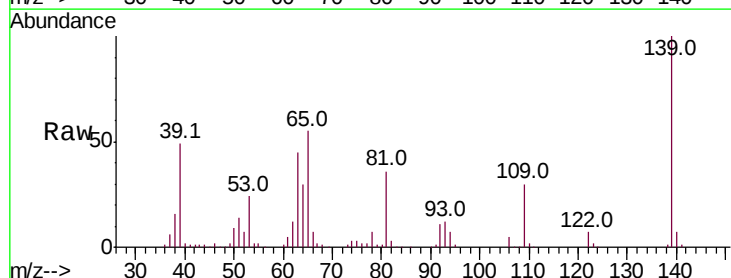
Tgt Ion: 139 Resp: 220604

Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

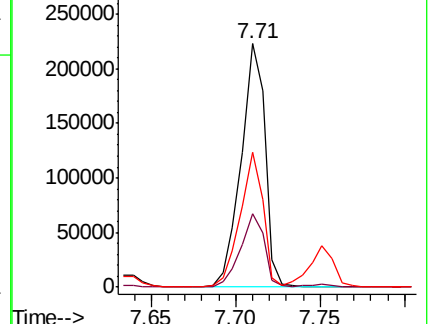
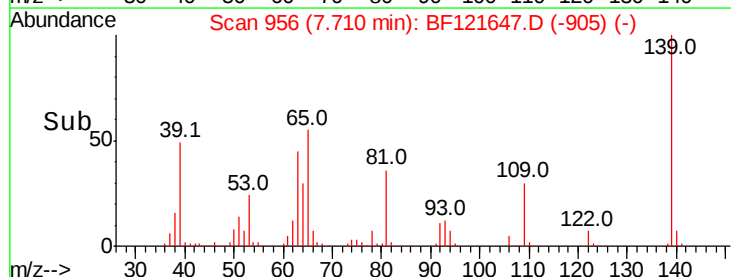
65 55.2 41.0 61.4

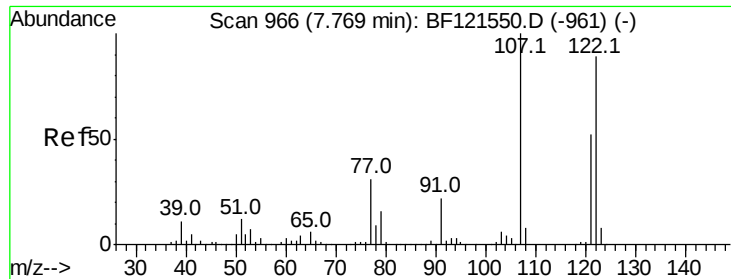


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.209 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

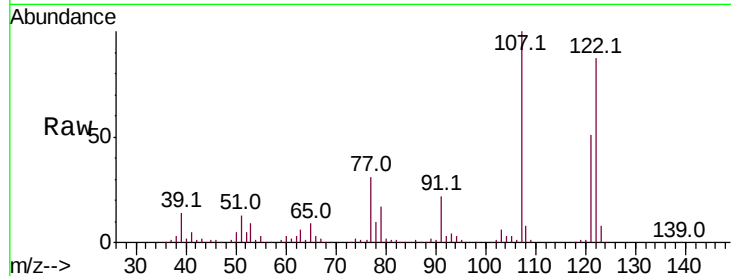
Tot Ion:122 Resp: 374491

Ion Ratio Lower Upper

122 100

107 115.1 91.4 137.0

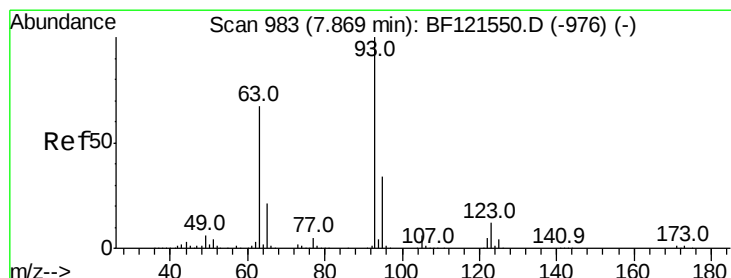
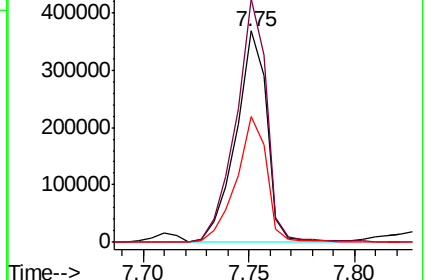
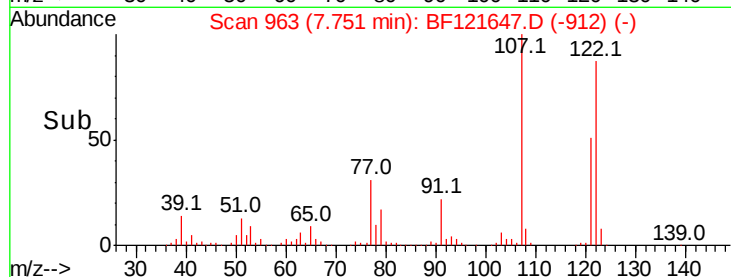
121 59.2 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.210 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

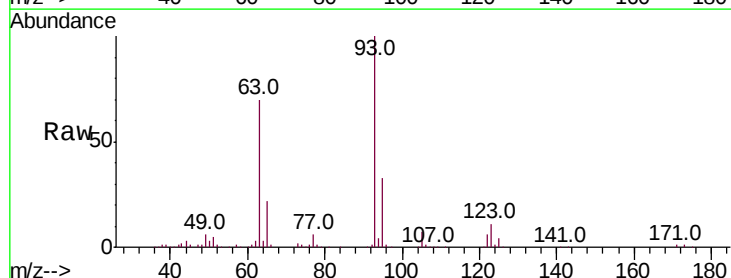
Tgt Ion: 93 Resp: 519384

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

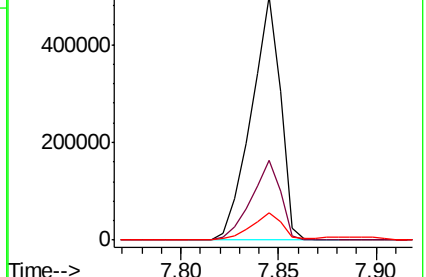
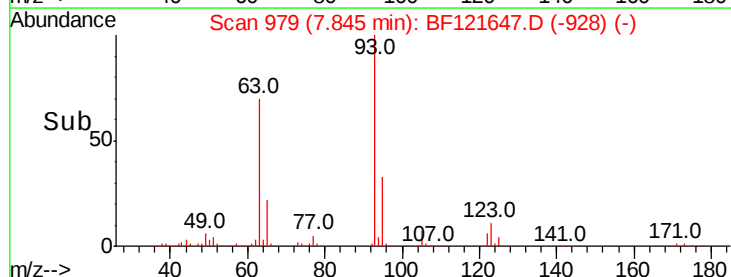
123 11.1 9.3 13.9

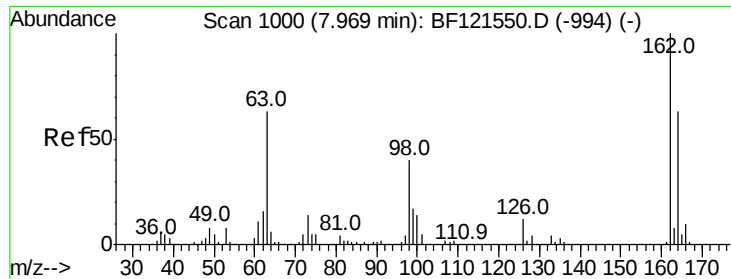


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

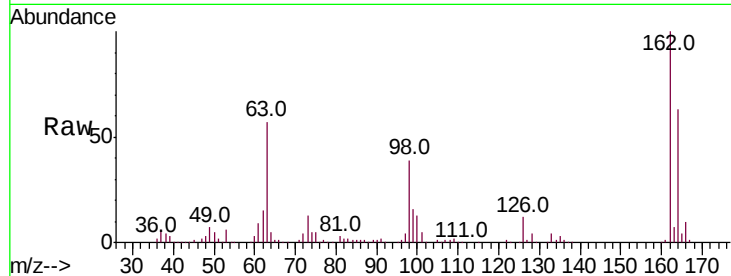




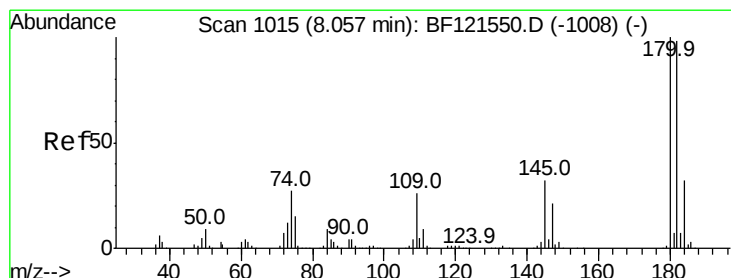
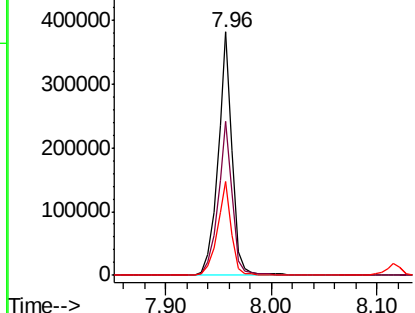
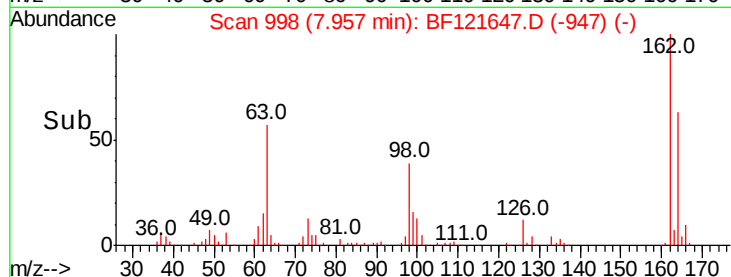
#29
 2,4-Dichlorophenol
 Concen: 37.230 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	38.7	16.7	56.7

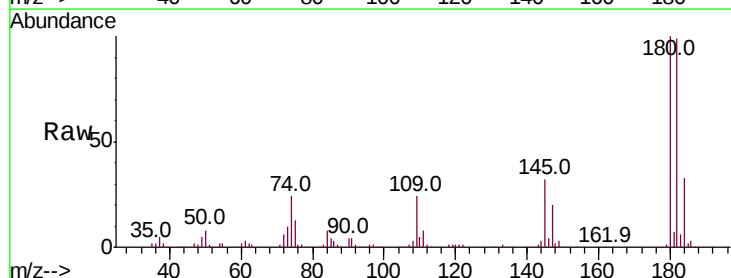


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

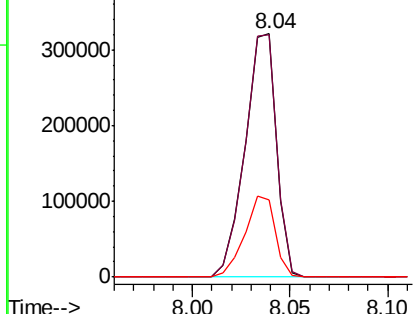
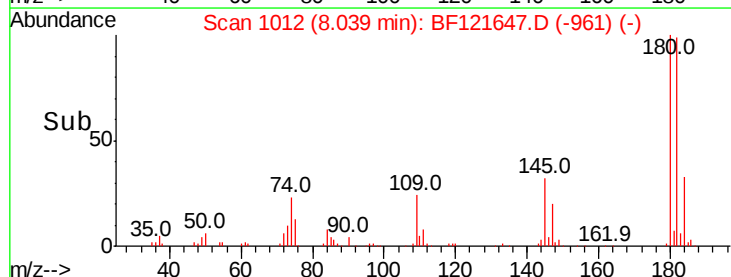


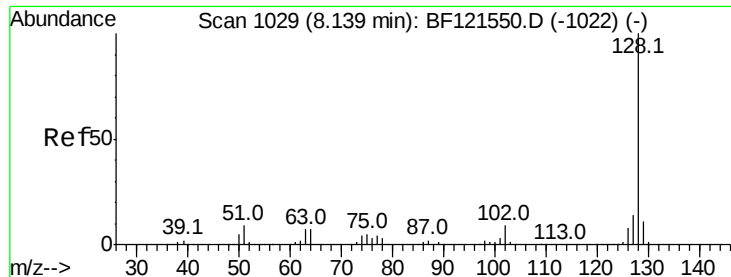
#30
 1,2,4-Trichlorobenzene
 Concen: 35.223 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	78.6	117.8
145	31.7	26.2	39.2



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

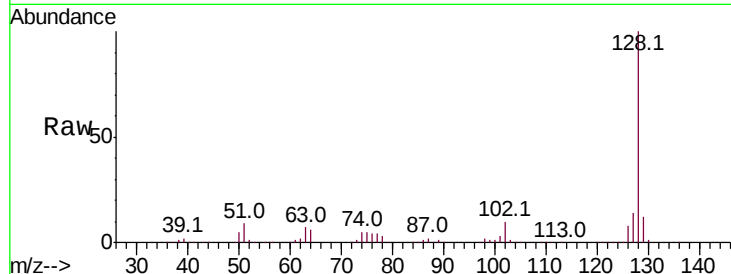




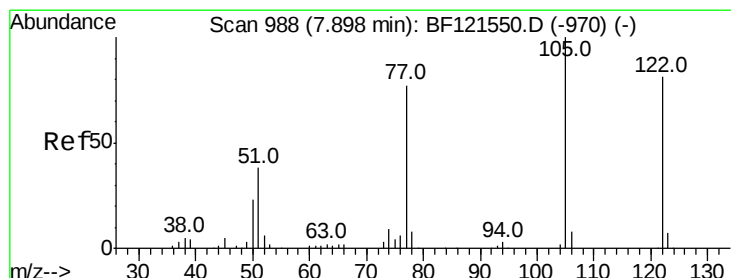
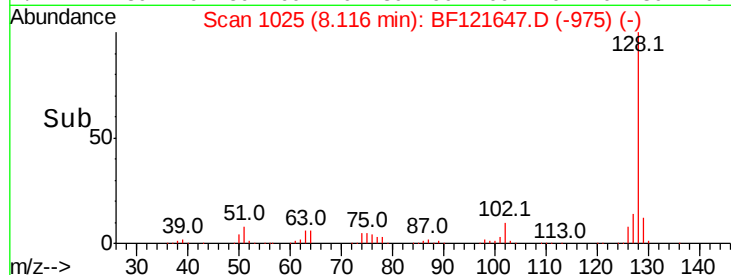
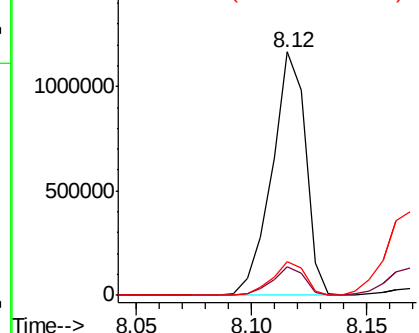
#31
Naphthalene
Concen: 35.182 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:128 Resp: 1180315
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.6 10.8 16.2

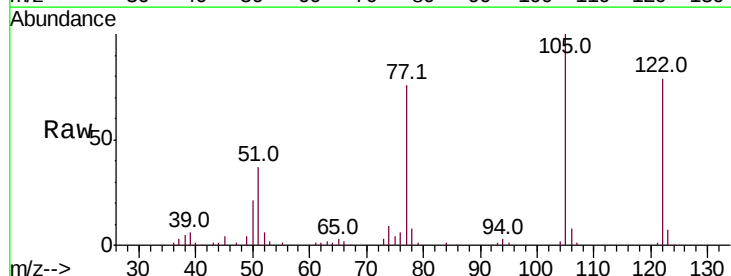


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

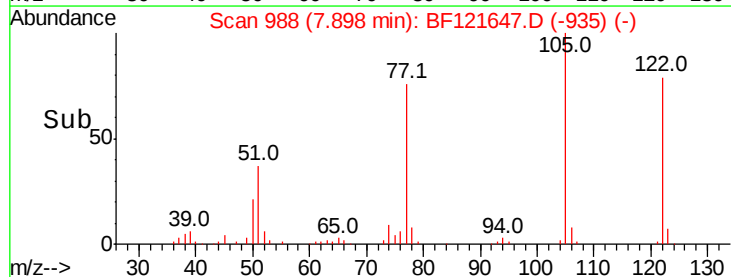
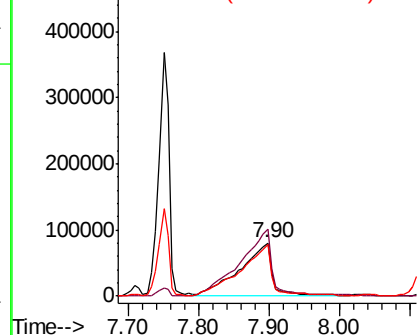


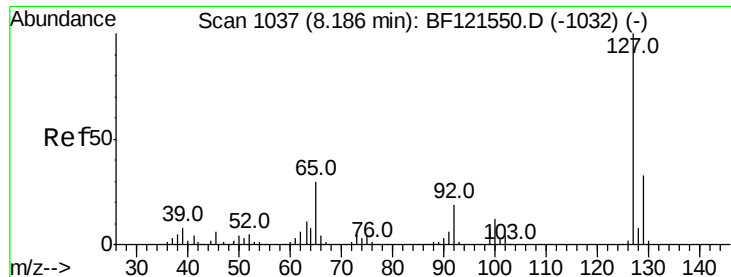
#32
Benzoic acid
Concen: 34.107 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:122 Resp: 252039
Ion Ratio Lower Upper
122 100
105 127.1 101.9 141.9
77 97.2 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

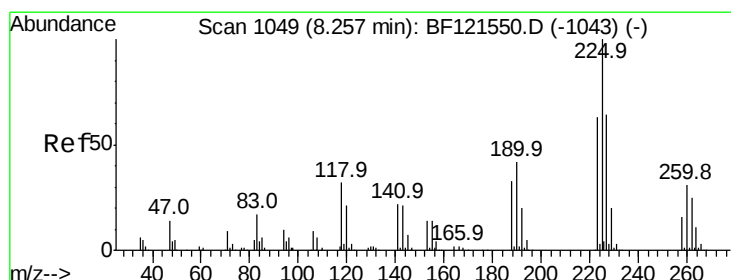
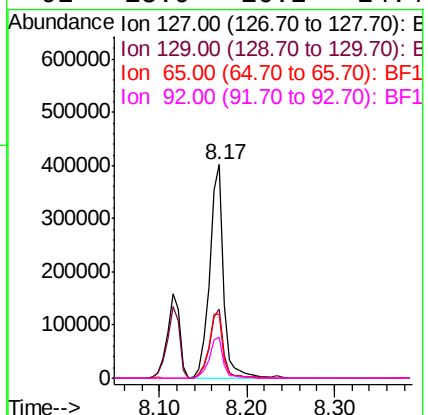
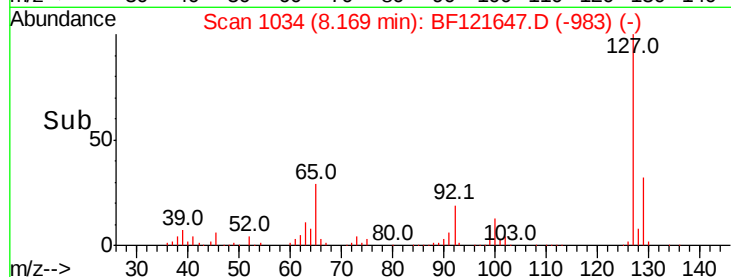
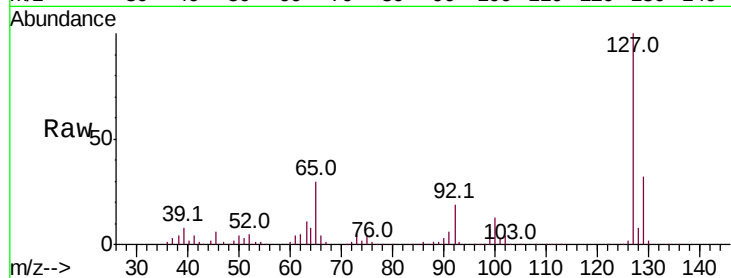




#33
 4-Chloroaniline
 Concen: 30.616 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

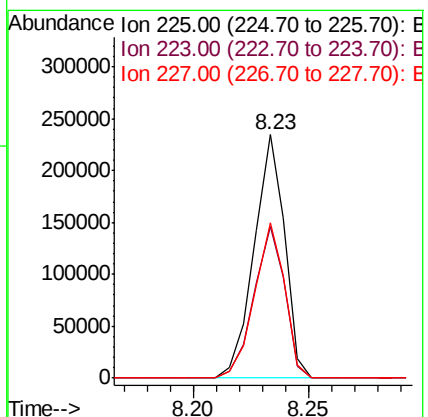
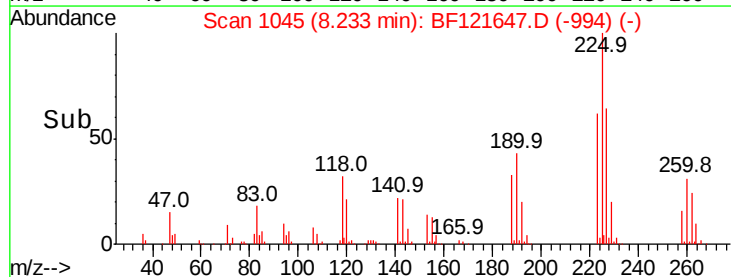
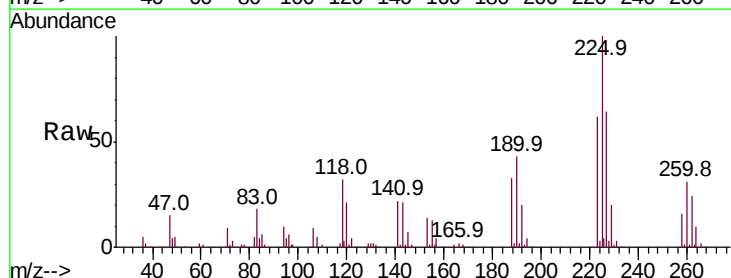
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

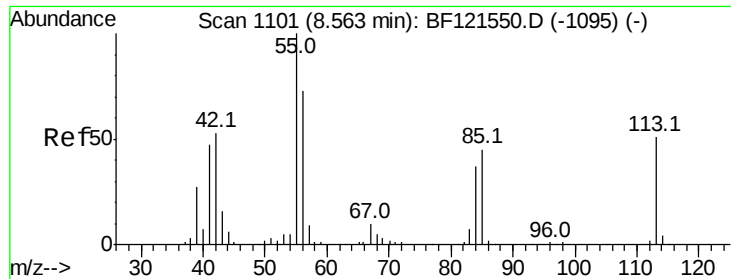
Tot Ion:	127	Resp:	445237
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	29.9	26.3	39.5
92	18.9	16.2	24.4



#34
 Hexachlorobutadiene
 Concen: 36.214 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:	225	Resp:	216873
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	63.6	51.7	77.5

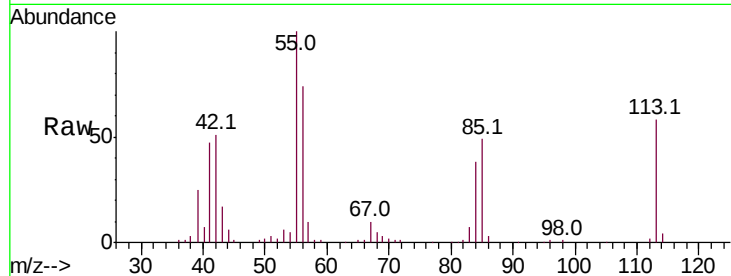




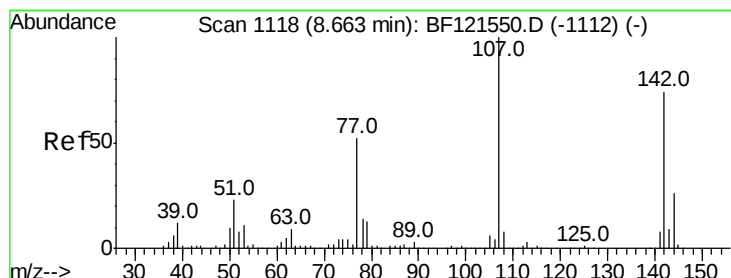
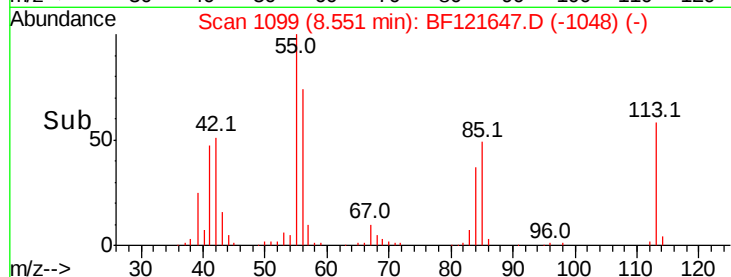
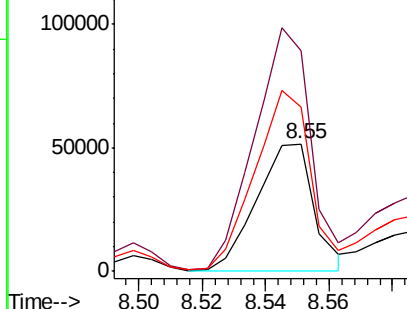
#35
 Caprolactam
 Concen: 20.169 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion:113 Resp: 65067
 Ion Ratio Lower Upper
 113 100
 55 173.2 166.3 206.3
 56 128.6 118.7 158.7

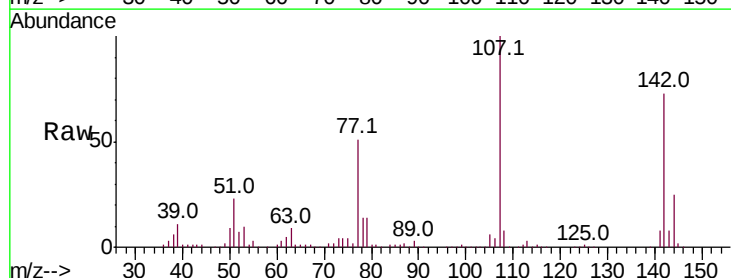


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

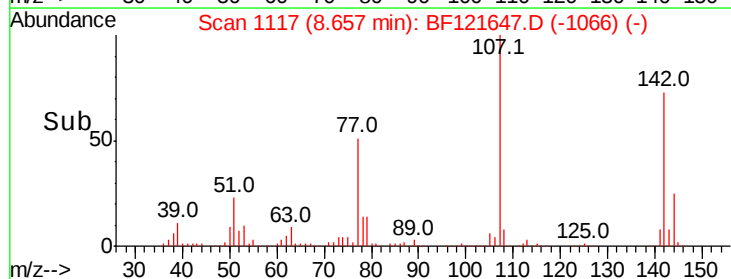
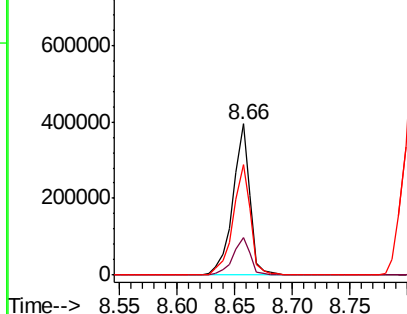


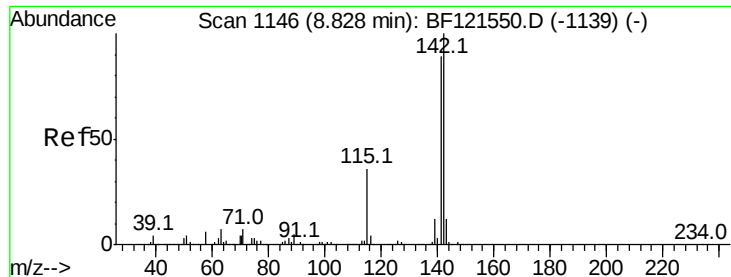
#36
 4-Chloro-3-methylphenol
 Concen: 38.392 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:107 Resp: 400653
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.6 31.0
 142 73.4 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: 36.356 ng

RT: 8.81 min Scan# 1143

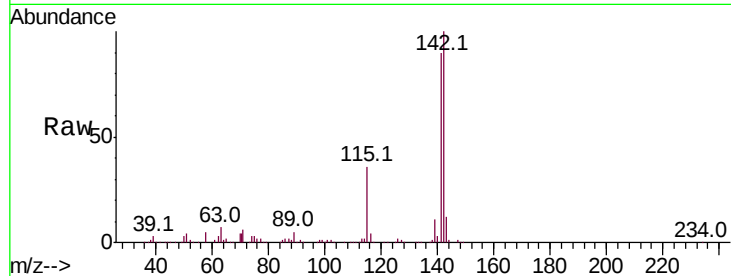
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.2	108.2
115	36.1	28.5	42.7

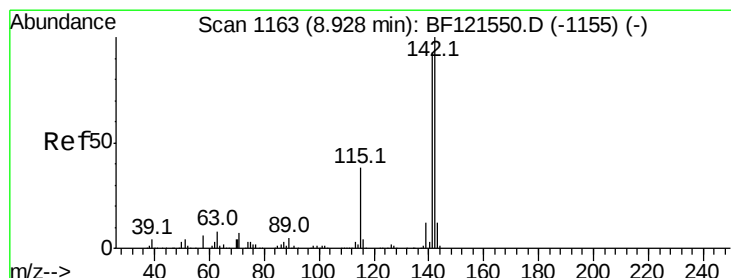
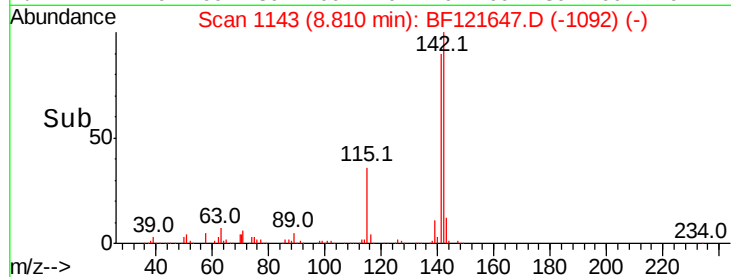
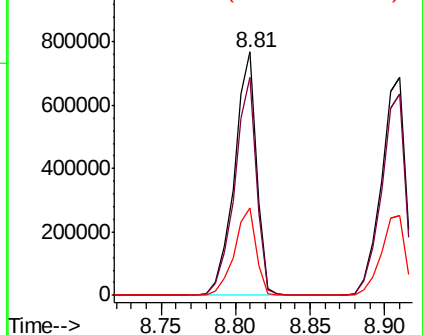


Abundance

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: 36.963 ng

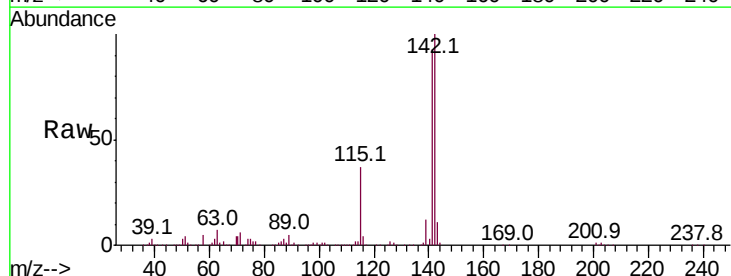
RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.8
116	3.7	3.3	4.9

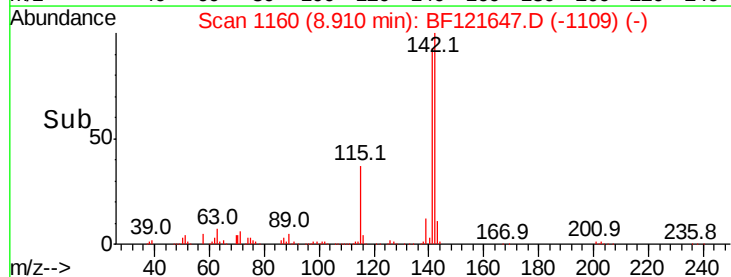
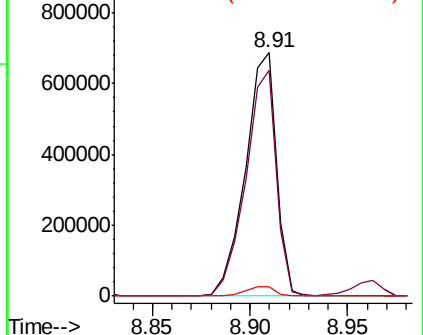


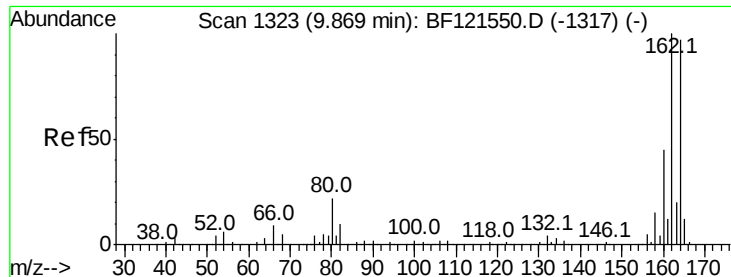
Abundance

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

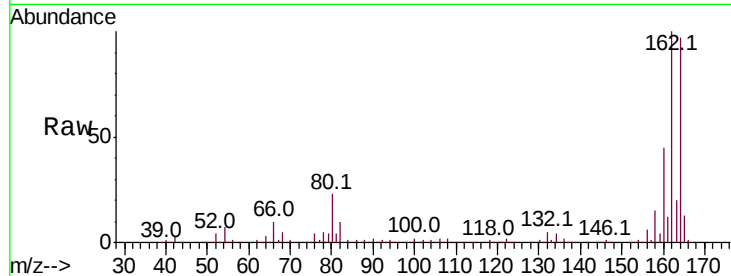




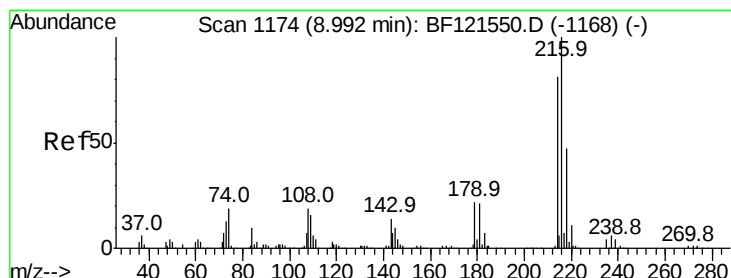
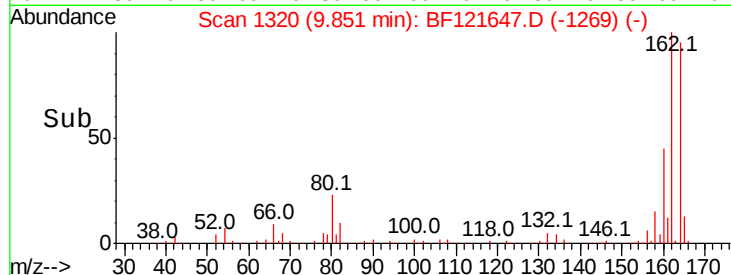
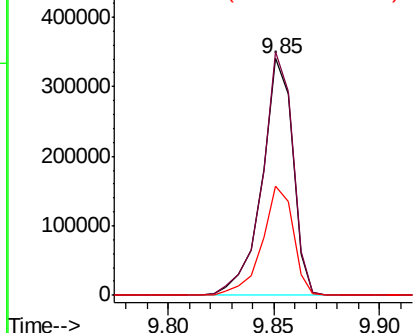
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:164 Resp: 347213
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 46.0 36.2 54.4

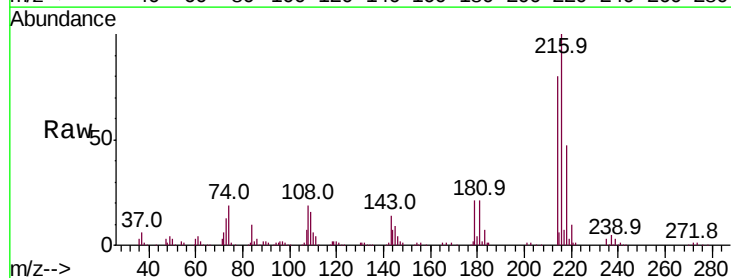


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

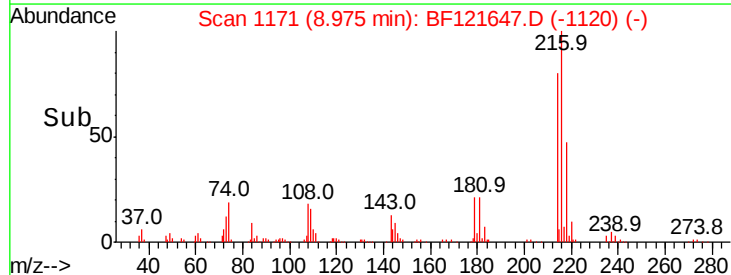
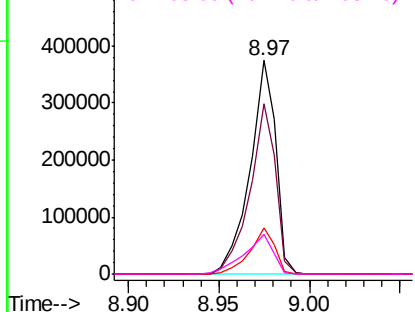


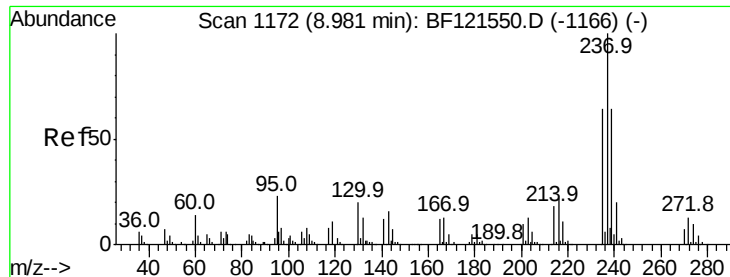
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.146 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:216 Resp: 370346
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 20.8 16.6 24.8
108 21.1 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: 63.590 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

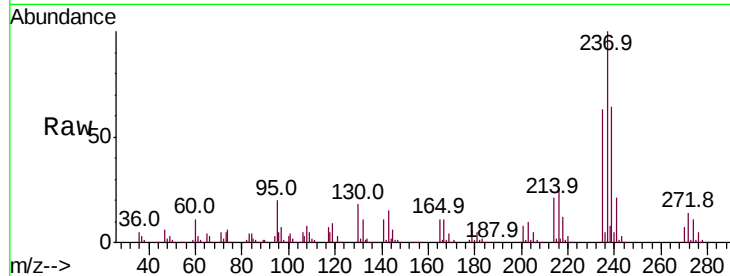
Tot Ion:237 Resp: 393861

Ion Ratio Lower Upper

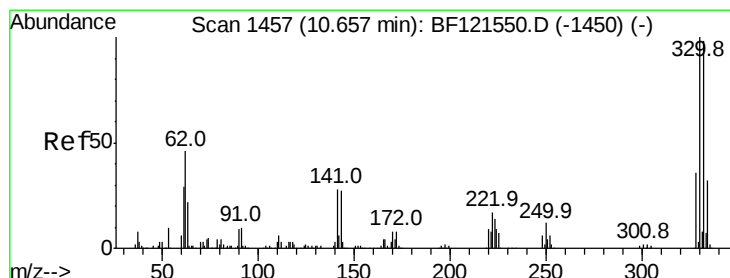
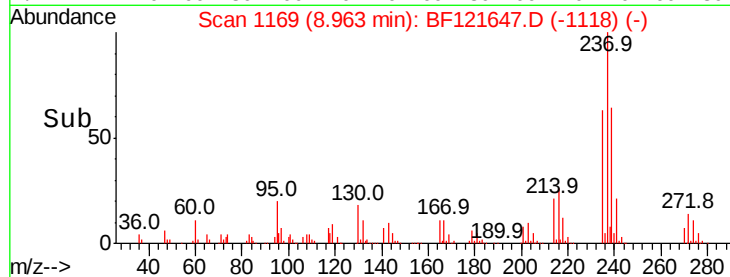
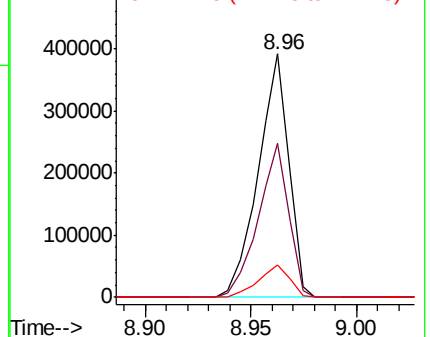
237 100

235 63.0 43.4 83.4

272 13.5 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: 99.045 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

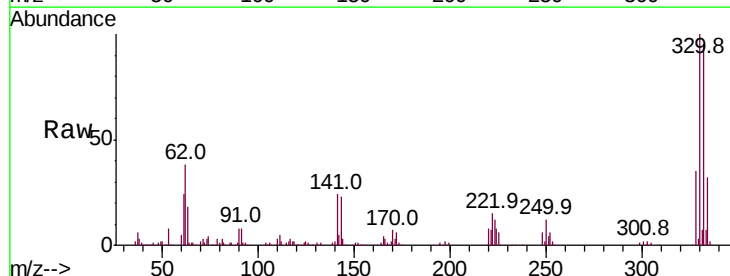
Tgt Ion:330 Resp: 427420

Ion Ratio Lower Upper

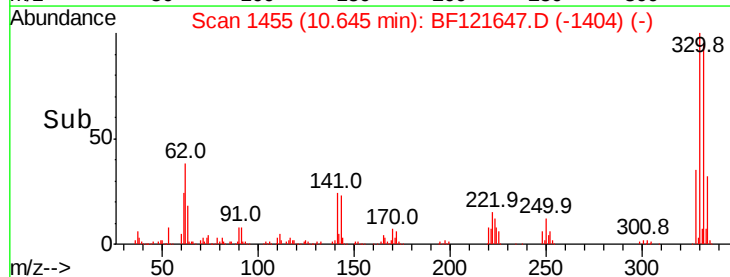
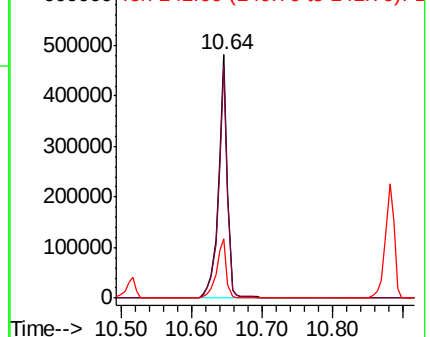
330 100

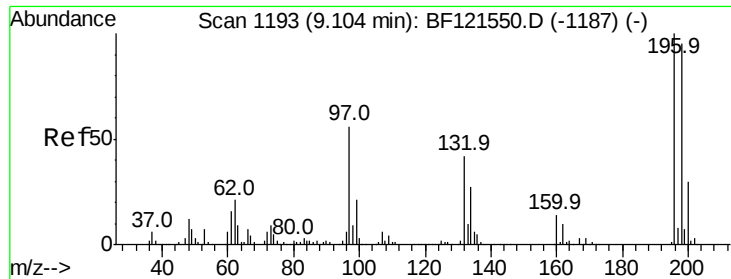
332 94.9 76.9 115.3

141 27.1 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

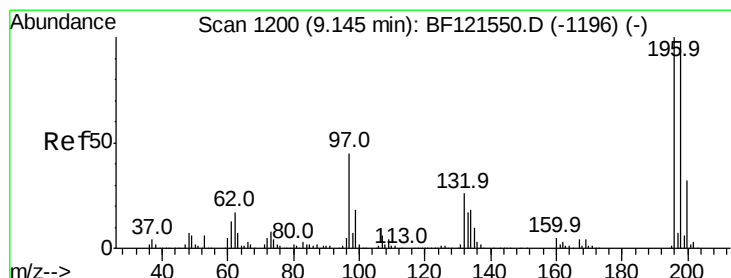
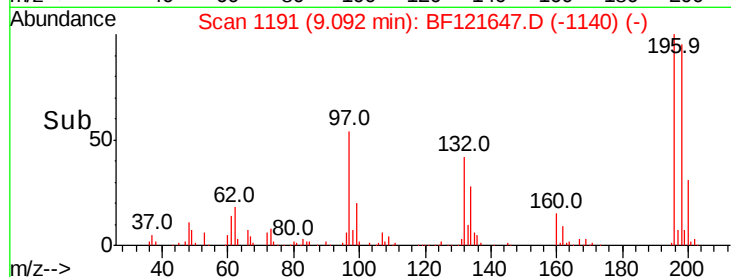
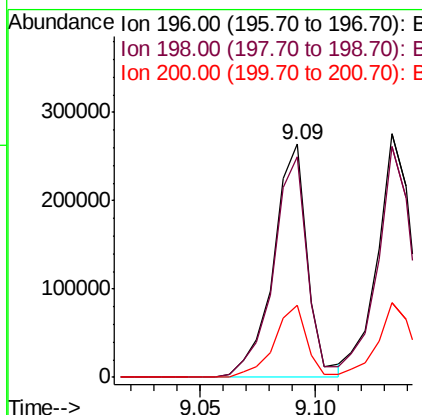
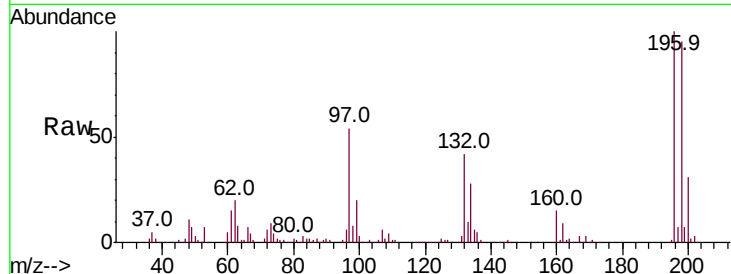




#43
 2,4,6-Trichlorophenol
 Concen: 36.476 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

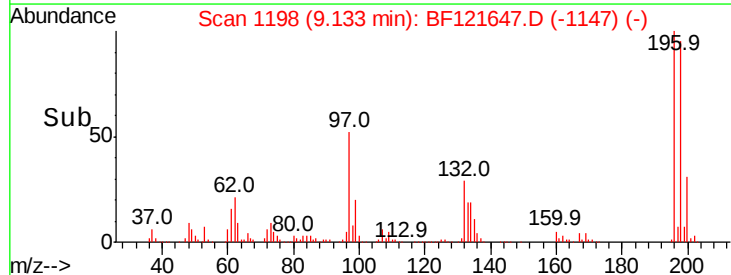
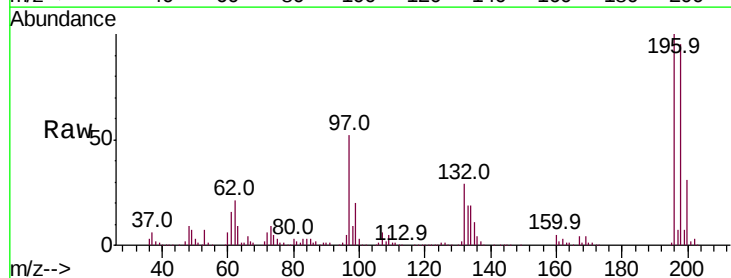
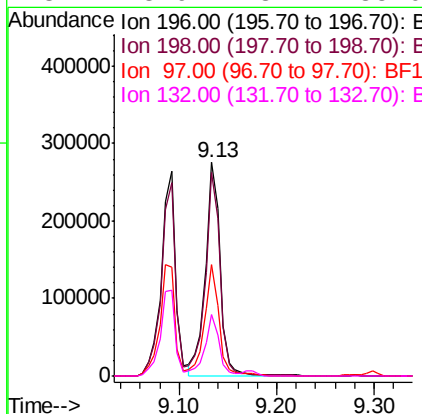
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

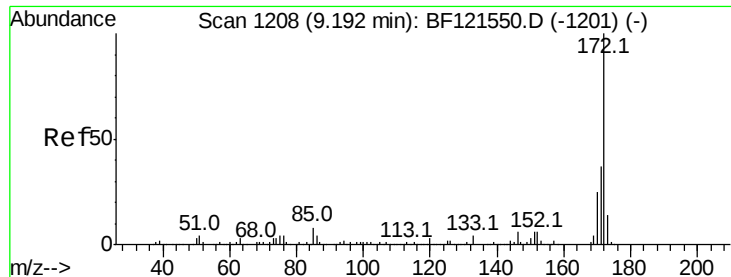
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.4	113.2
200	31.0	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 37.190 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.3	111.5
97	52.0	44.2	66.2
132	28.9	23.4	35.0





#45

2-Fluorobiphenyl

Concen: 66.122 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

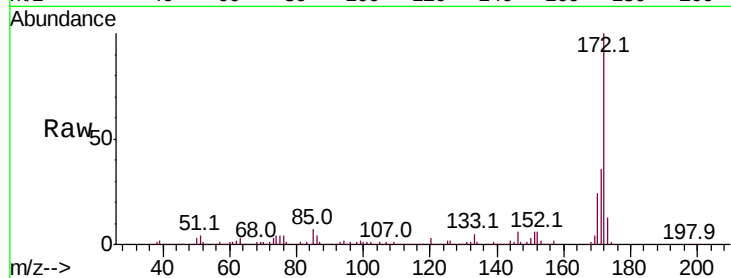
Tot Ion:172 Resp: 1515878

Ion Ratio Lower Upper

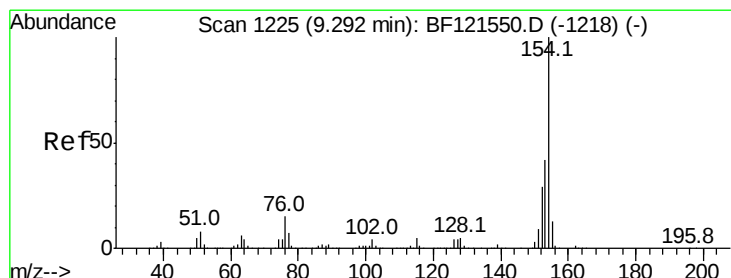
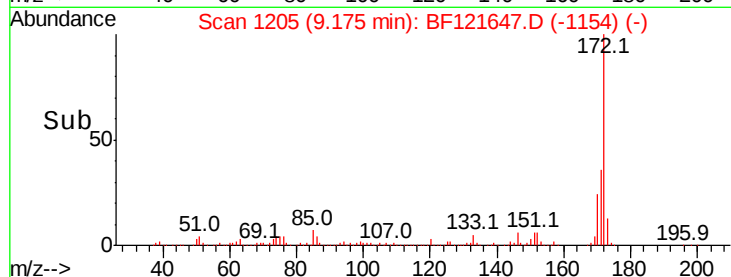
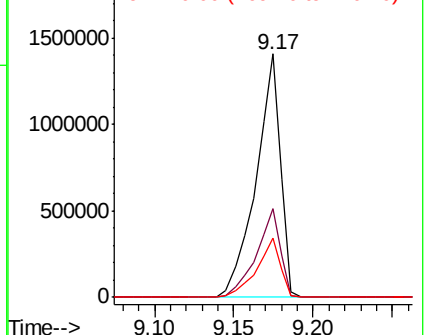
172 100

171 36.2 29.3 43.9

170 24.2 19.5 29.3



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



#46

1,1'-Biphenyl

Concen: 35.170 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

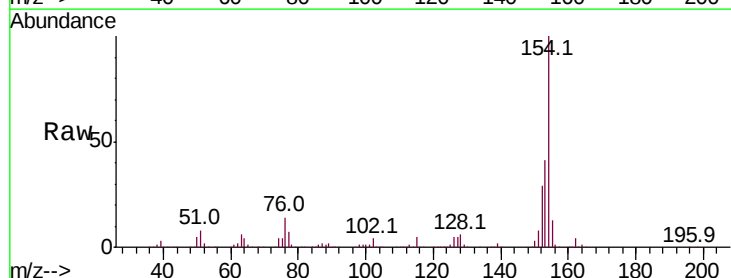
Tgt Ion:154 Resp: 977619

Ion Ratio Lower Upper

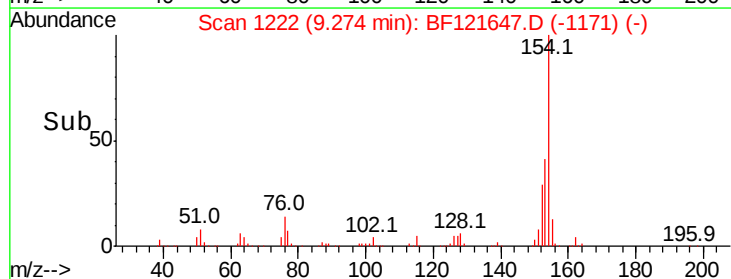
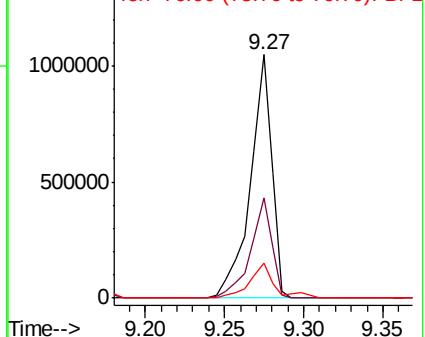
154 100

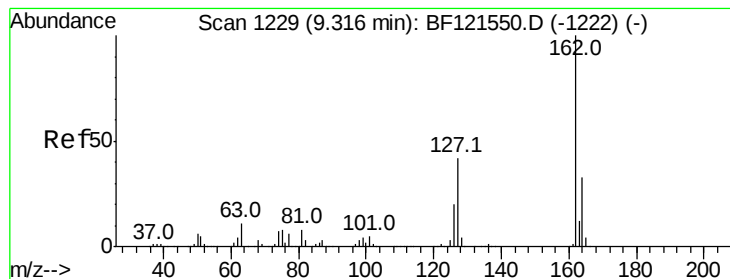
153 41.3 21.1 61.1

76 14.1 0.0 34.1



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





#47

2-Chloronaphthalene

Concen: 34.408 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

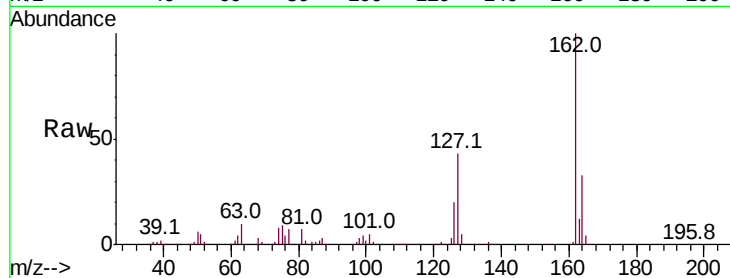
Tot Ion:162 Resp: 753683

Ion Ratio Lower Upper

162 100

127 43.0 34.2 51.4

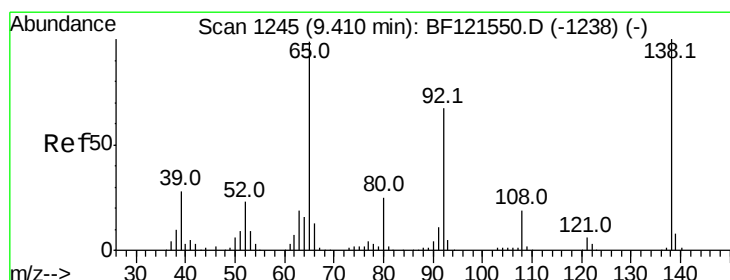
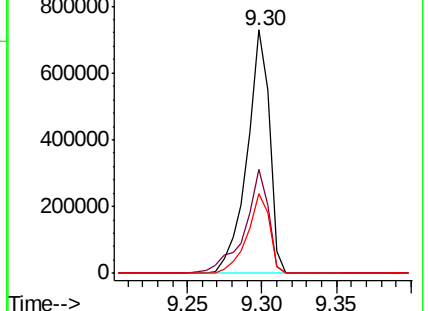
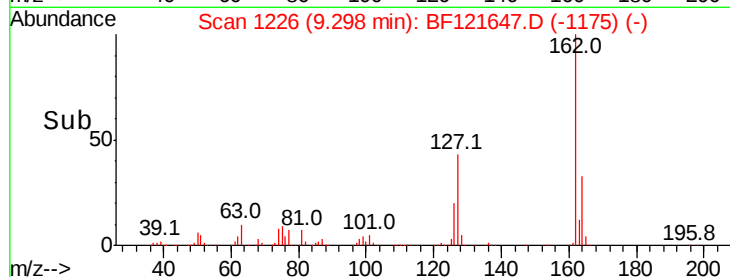
164 32.9 27.0 40.4



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: 39.988 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

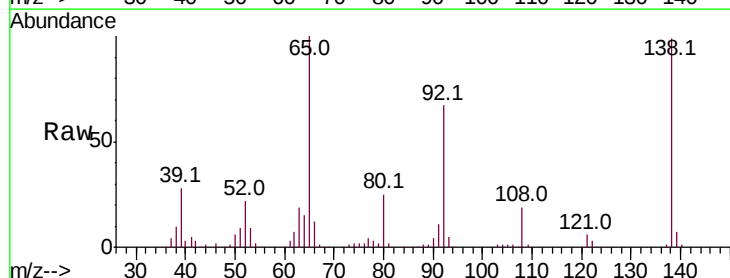
Tgt Ion: 65 Resp: 272189

Ion Ratio Lower Upper

65 100

92 67.2 56.0 84.0

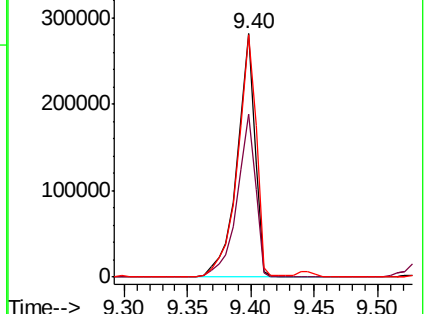
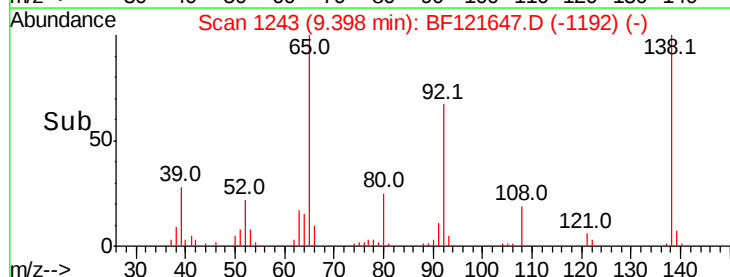
138 99.4 84.7 127.1

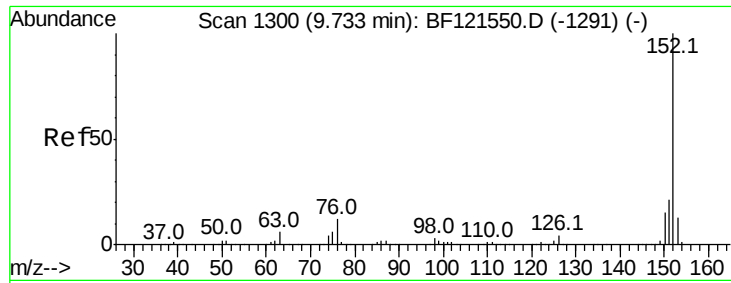


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.048 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

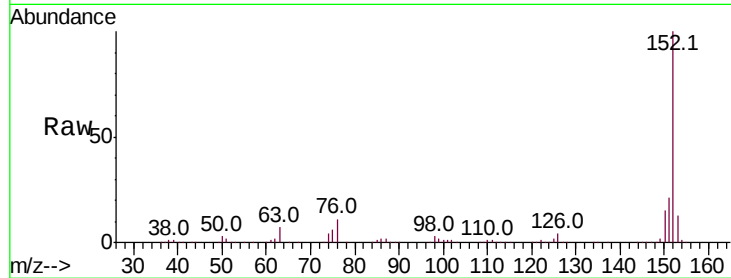
Tot Ion:152 Resp: 1213221

Ion Ratio Lower Upper

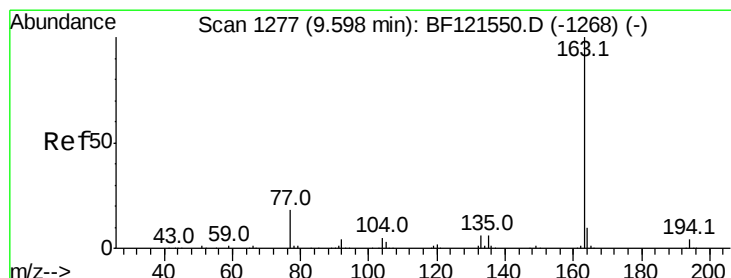
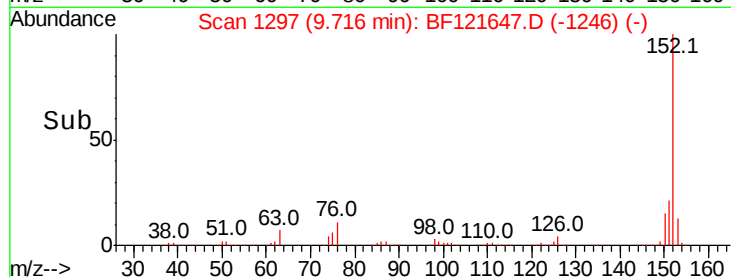
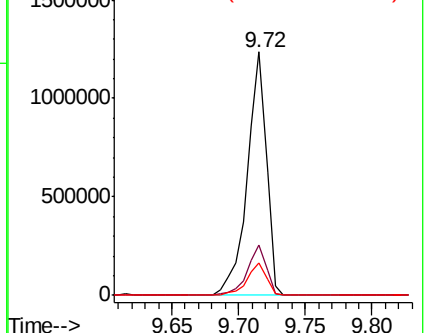
152 100

151 20.6 16.3 24.5

153 13.5 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: 37.442 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

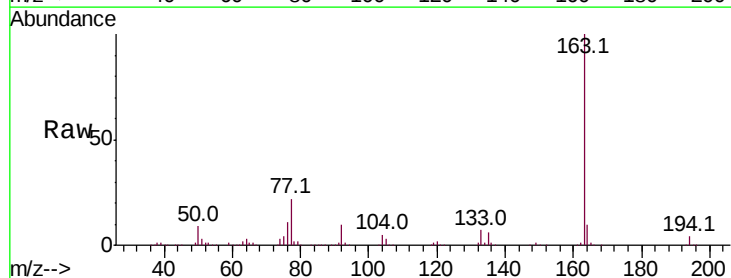
Tgt Ion:163 Resp: 942258

Ion Ratio Lower Upper

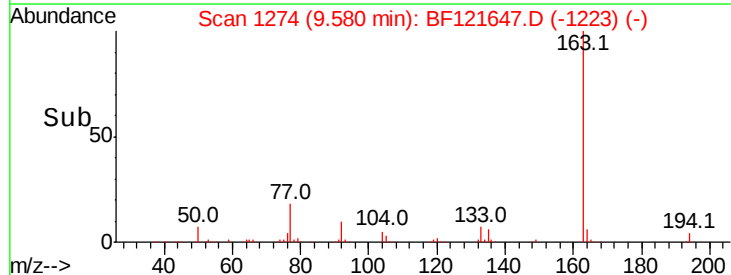
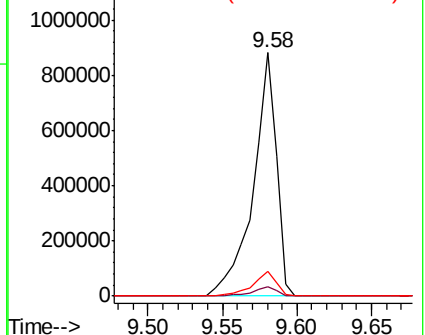
163 100

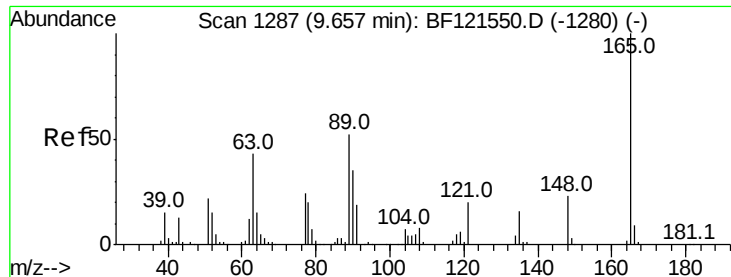
194 4.0 3.3 4.9

164 10.1 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: 39.791 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

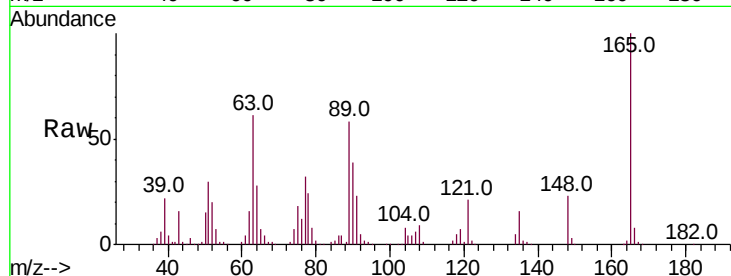
Tot Ion:165 Resp: 213254

Ion Ratio Lower Upper

165 100

63 60.6 47.6 71.4

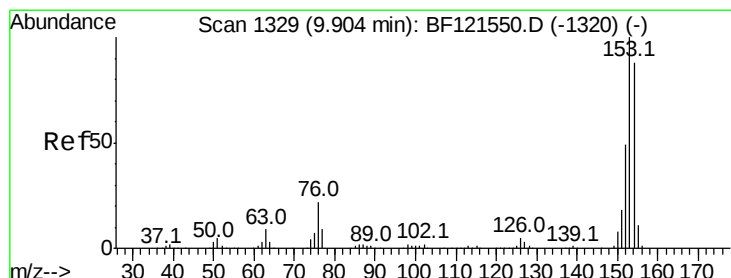
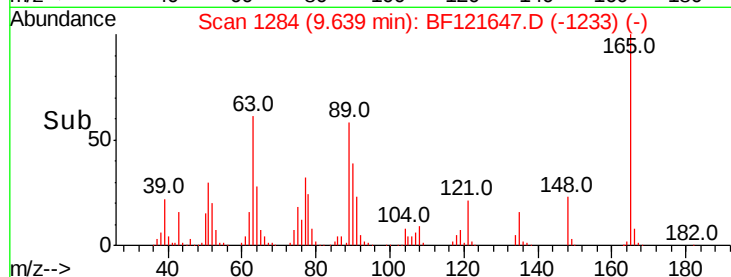
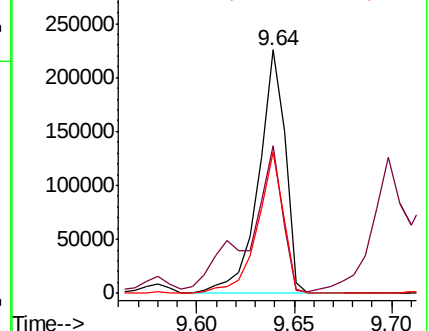
89 58.1 46.0 69.0



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: 33.214 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

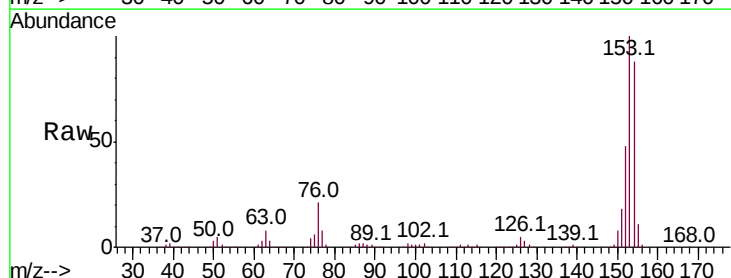
Tgt Ion:154 Resp: 706042

Ion Ratio Lower Upper

154 100

153 114.3 89.9 134.9

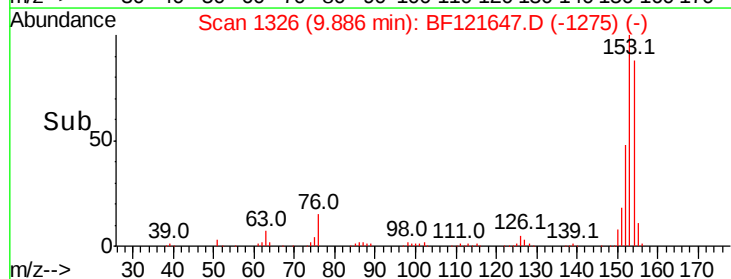
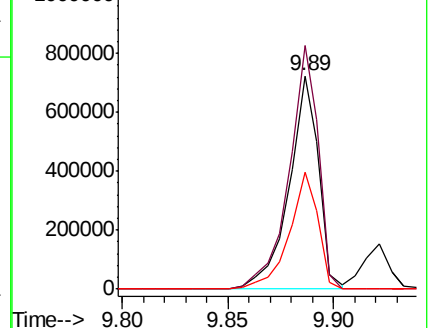
152 55.1 43.8 65.6

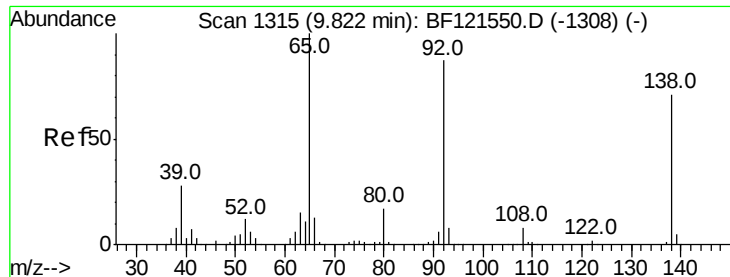


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

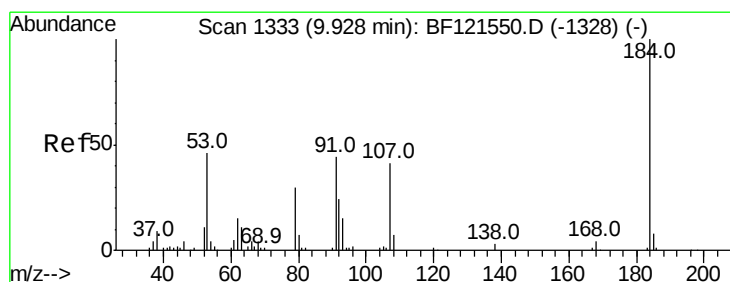
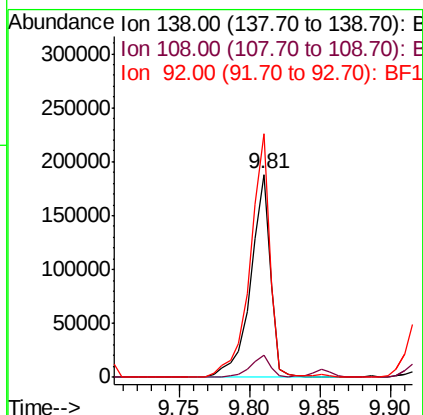
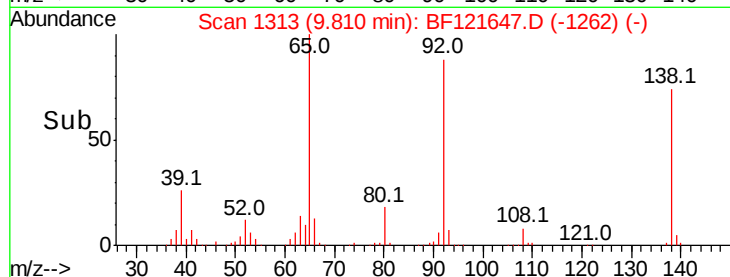
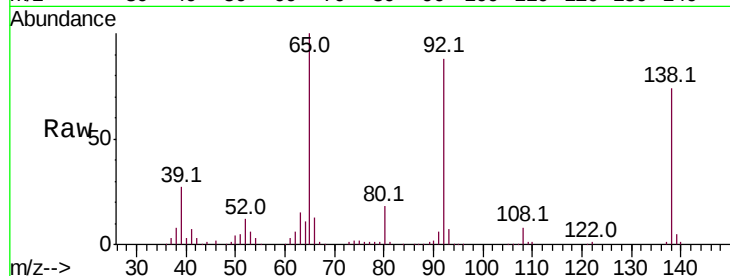




#53
3-Nitroaniline
Concen: 29.766 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

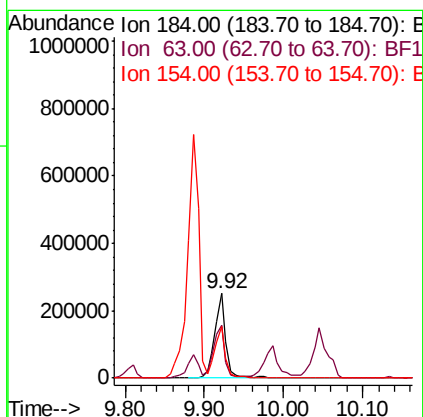
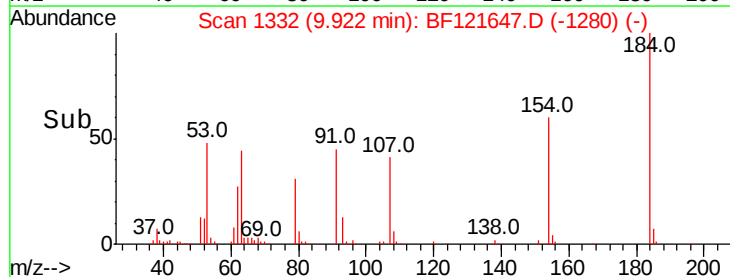
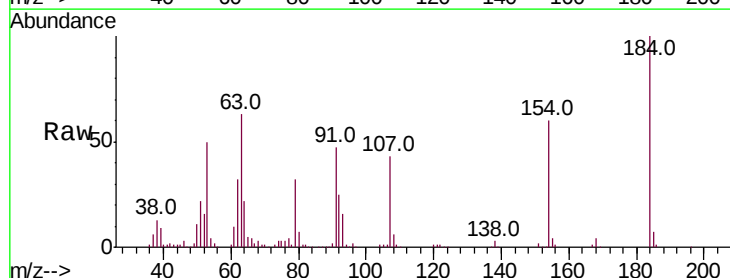
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

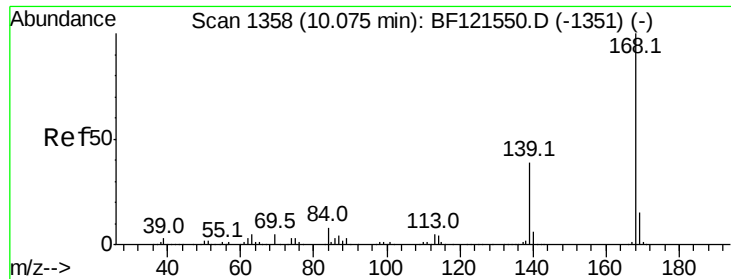
Tot Ion:138 Resp: 184806
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 120.1 96.5 144.7



#54
2,4-Dinitrophenol
Concen: 79.624 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:184 Resp: 245980
Ion Ratio Lower Upper
184 100
63 63.2 51.5 77.3
154 60.4 46.6 70.0

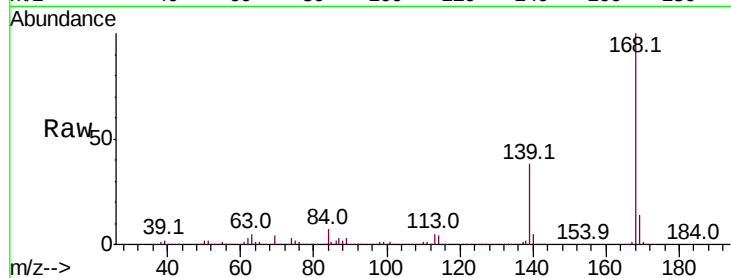




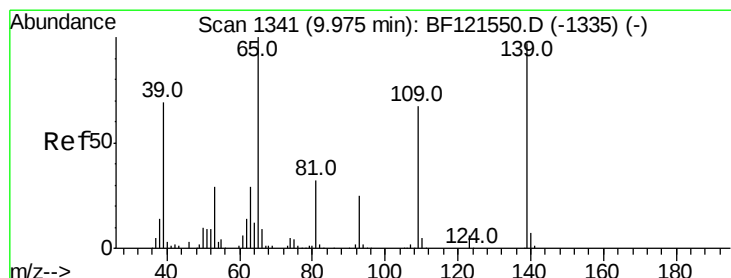
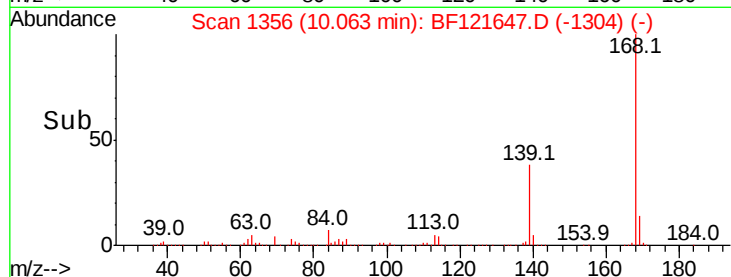
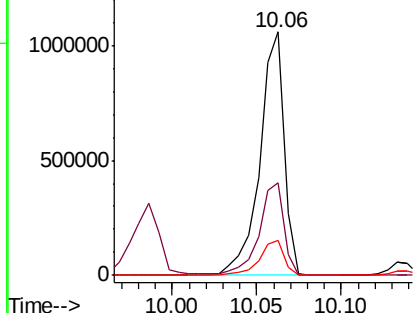
#55
Dibenzofuran
Concen: 35.392 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:168 Resp: 1059491
Ion Ratio Lower Upper
168 100
139 38.2 31.8 47.8
169 14.2 11.6 17.4

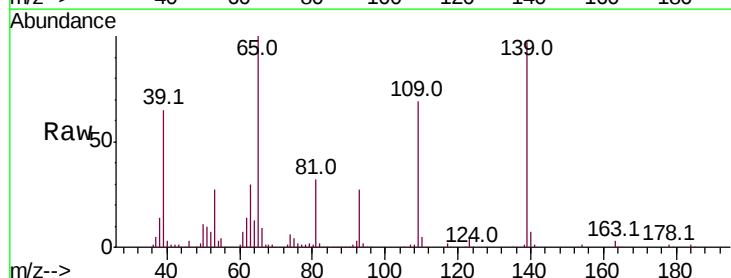


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

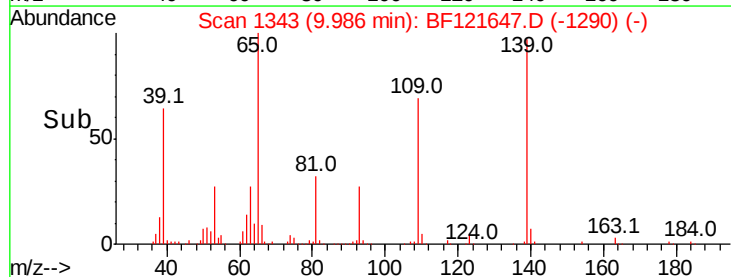
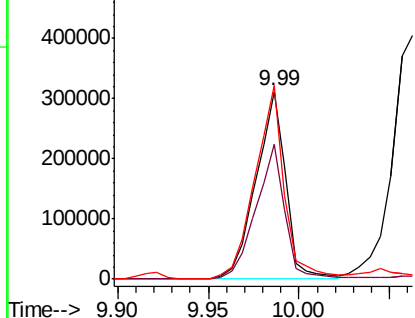


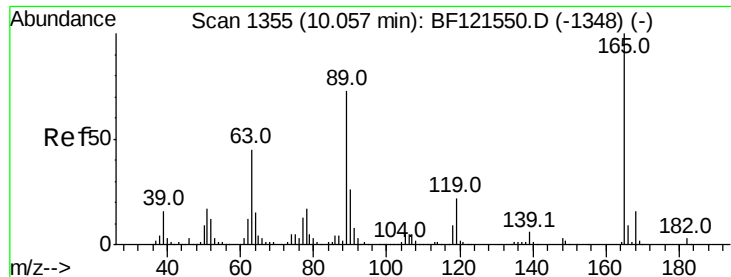
#56
4-Nitrophenol
Concen: 71.939 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:139 Resp: 356190
Ion Ratio Lower Upper
139 100
109 71.6 48.1 88.1
65 103.4 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

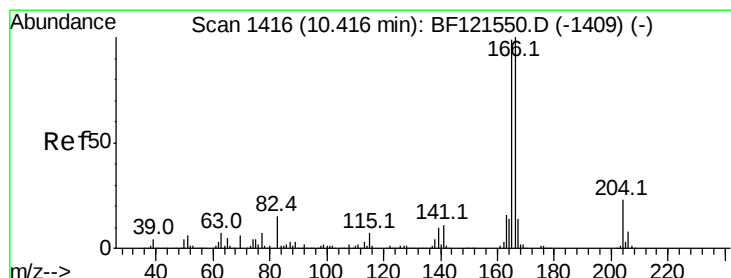
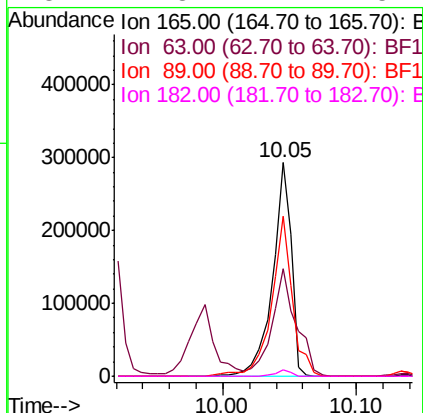
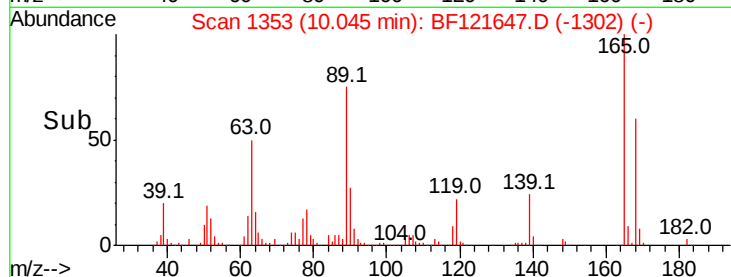
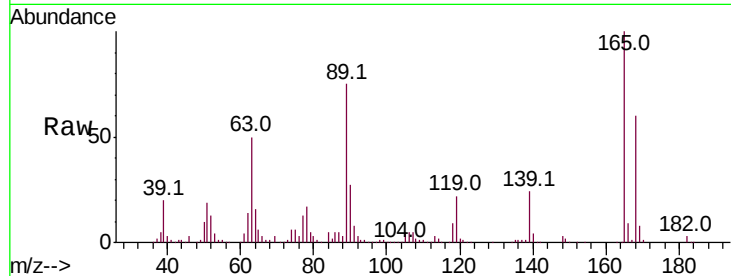




#57
2,4-Dinitrotoluene
Concen: 42.527 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

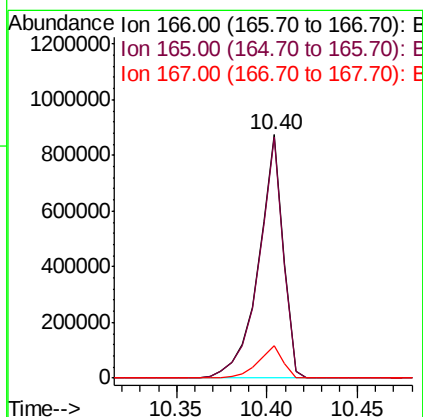
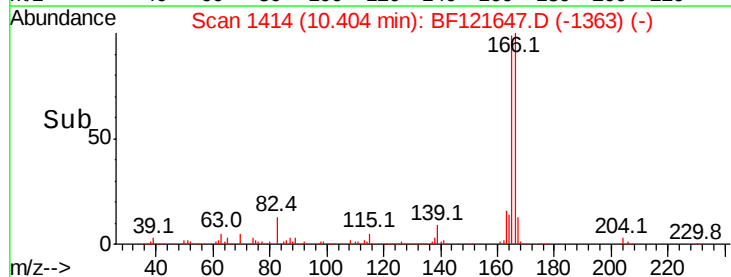
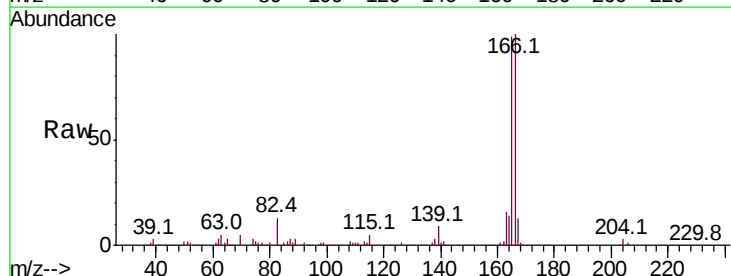
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

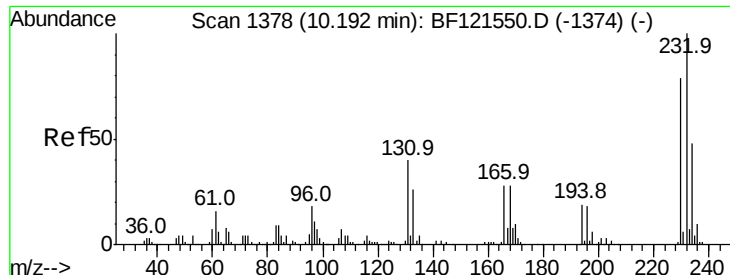
Tot Ion:165 Resp: 286739
Ion Ratio Lower Upper
165 100
63 50.5 36.7 55.1
89 74.9 57.7 86.5
182 2.8 2.1 3.1



#58
Fluorene
Concen: 36.047 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:166 Resp: 825222
Ion Ratio Lower Upper
166 100
165 99.0 80.1 120.1
167 13.5 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.142 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:232 Resp: 248692

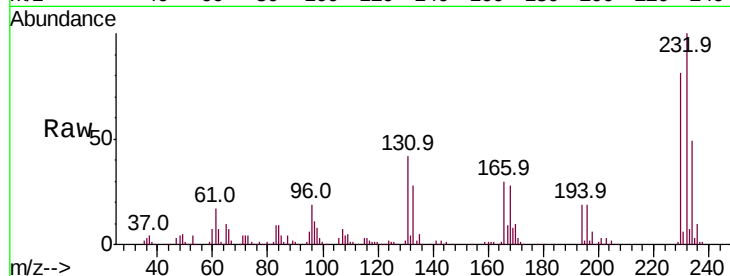
Ion Ratio Lower Upper

232 100

131 43.8 35.1 52.7

130 2.1 1.6 2.4

166 29.5 23.3 34.9

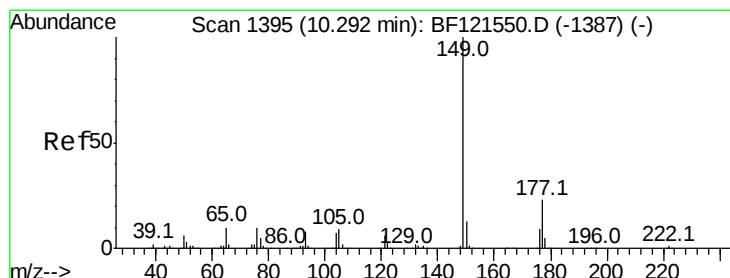
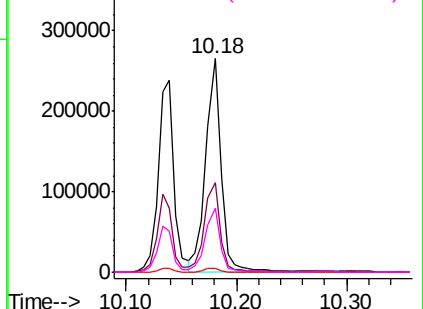
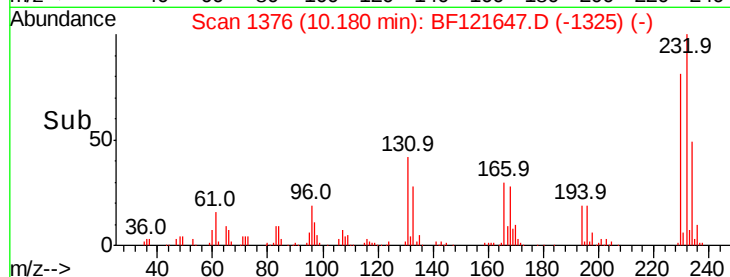


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.426 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

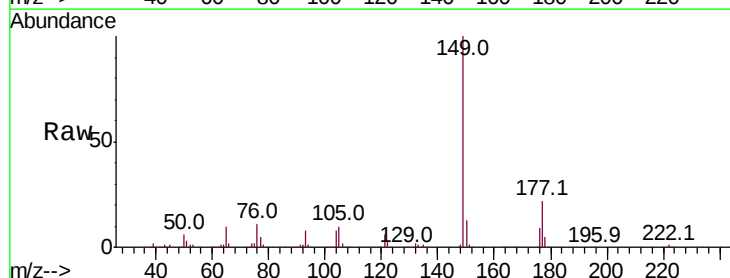
Tgt Ion:149 Resp: 918278

Ion Ratio Lower Upper

149 100

177 22.2 18.1 27.1

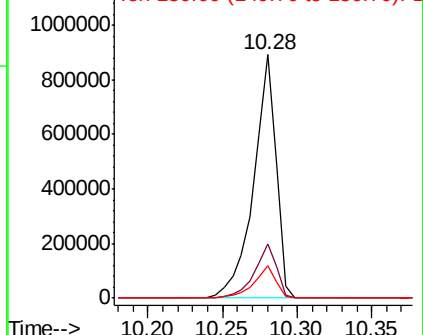
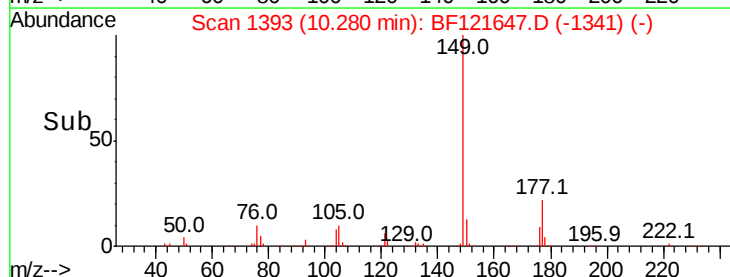
150 13.1 9.8 14.8

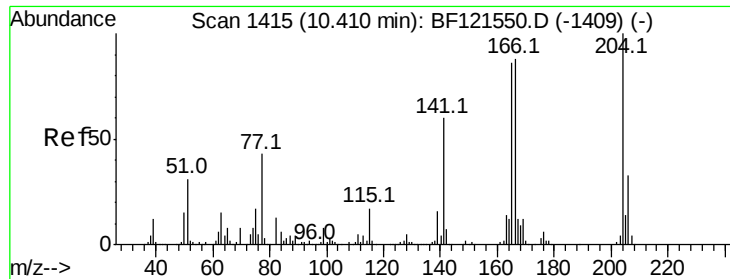


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

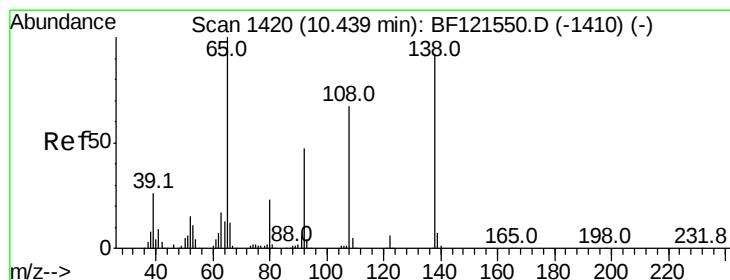
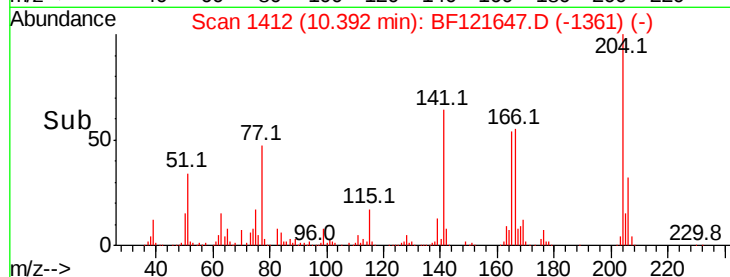
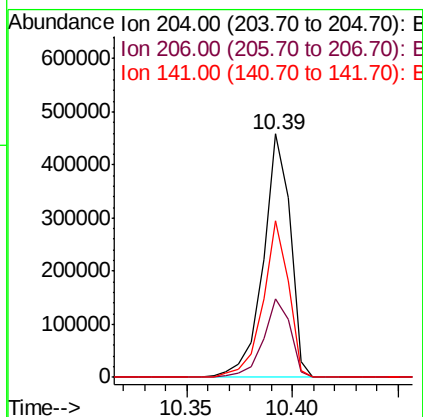
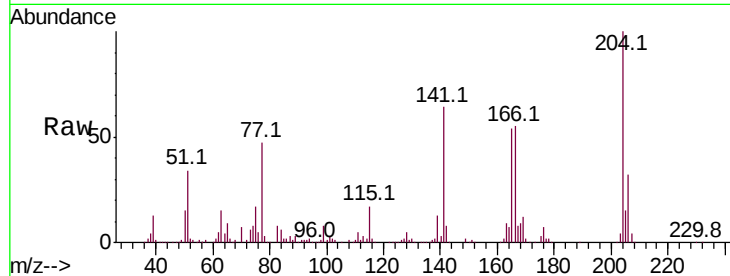




#61
4-Chlorophenyl-phenylether
Concen: 37.100 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

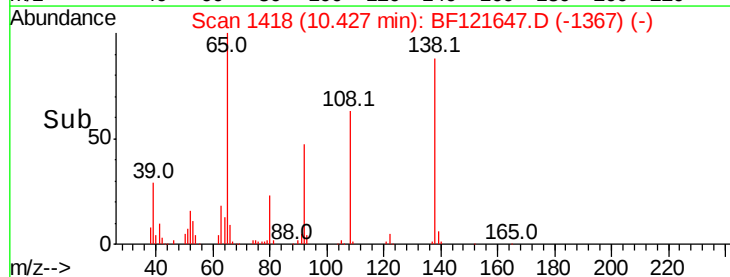
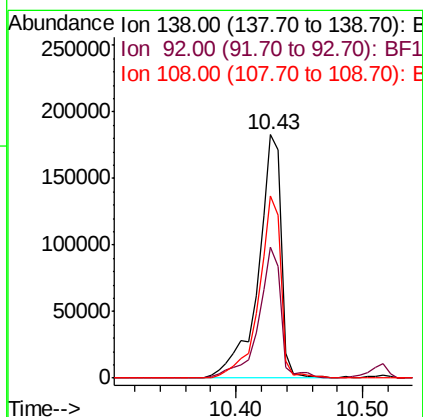
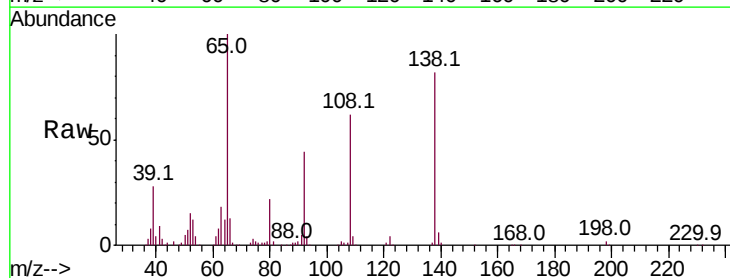
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

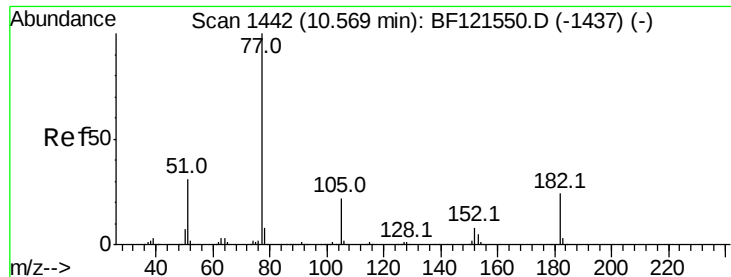
Tot Ion:204 Resp: 406856
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 64.3 50.4 75.6



#62
4-Nitroaniline
Concen: 37.866 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:138 Resp: 233423
Ion Ratio Lower Upper
138 100
92 53.6 34.8 74.8
108 74.9 55.5 95.5





#63

Azobenzene

Concen: 35.477 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

Tot Ion: 77 Resp: 926970

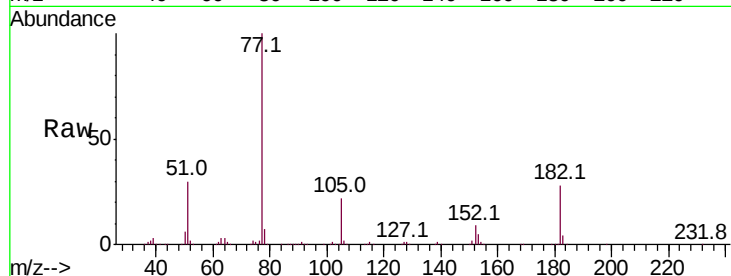
Ion Ratio Lower Upper

77 100

182 28.0 6.8 46.8

105 22.5 2.2 42.2

51 29.7 10.7 50.7

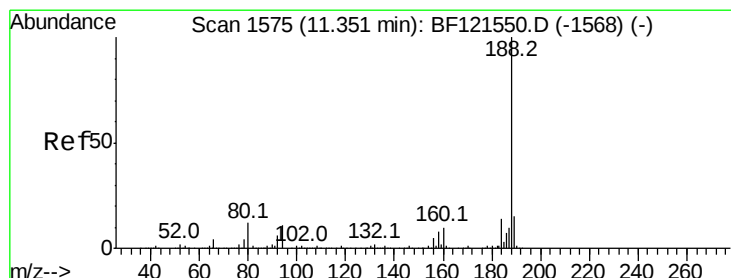
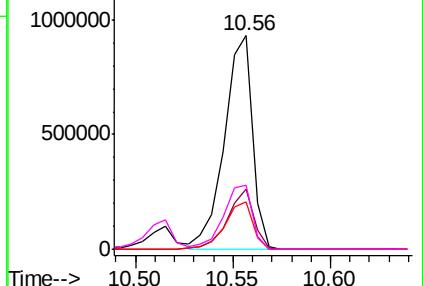
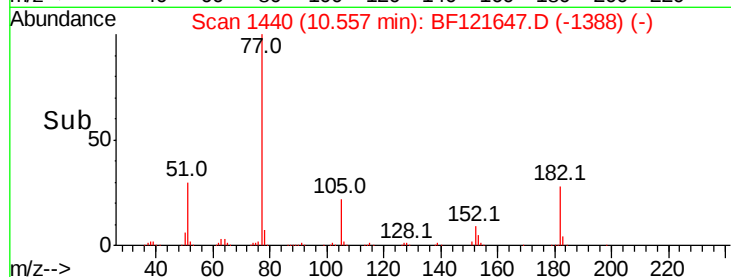


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

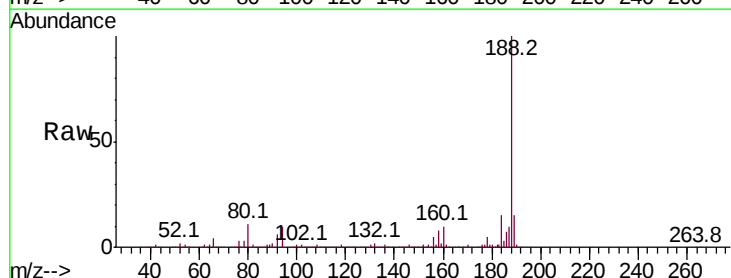
Tgt Ion: 188 Resp: 657894

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

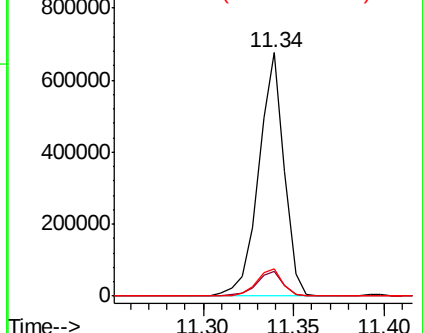
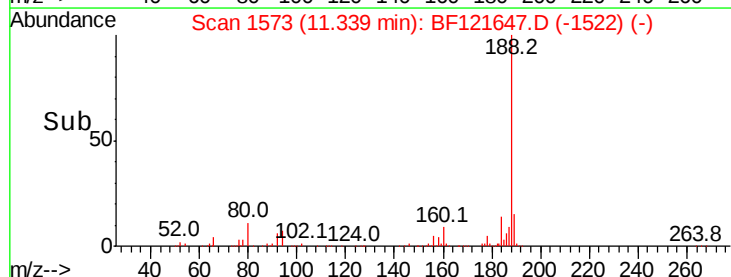
80 11.0 9.0 13.4

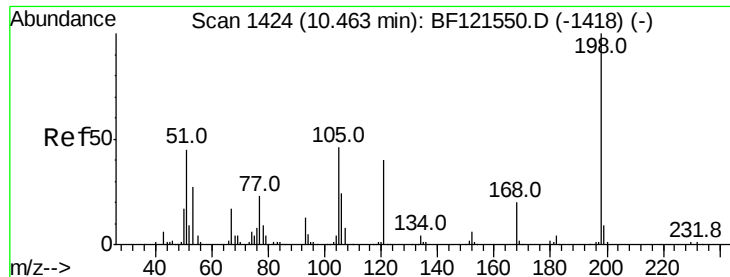


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

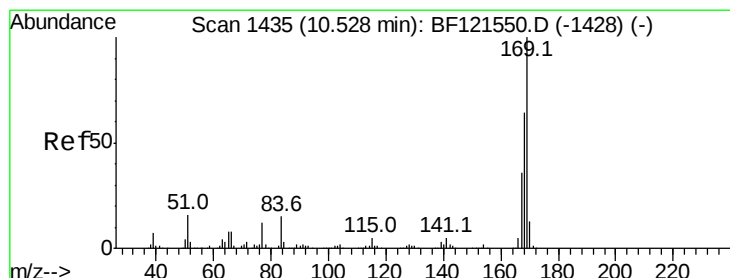
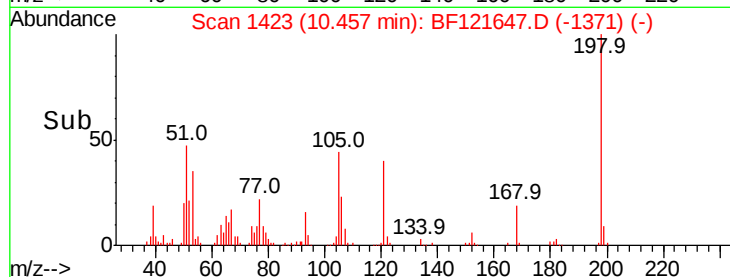
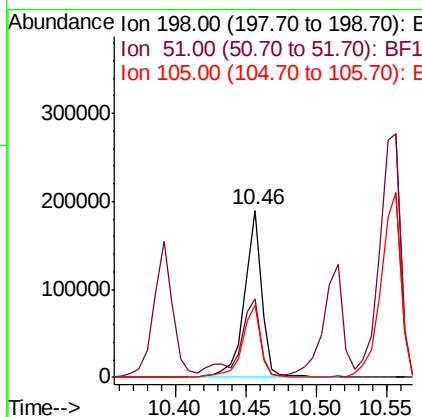
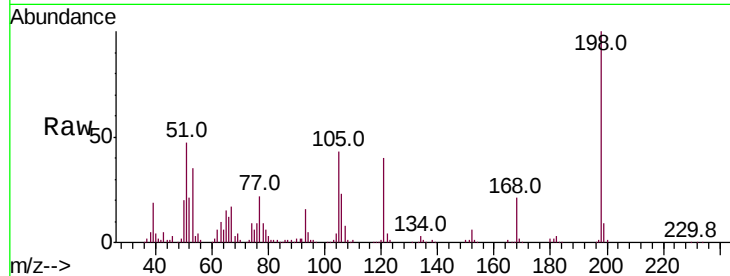




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.495 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

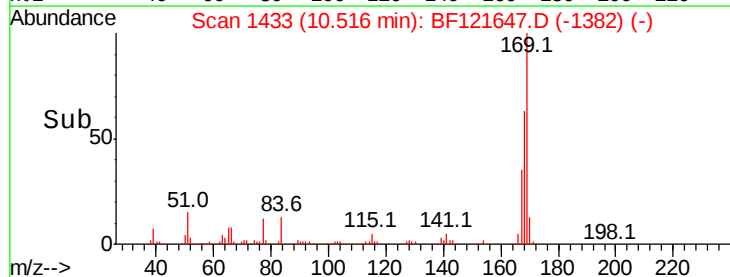
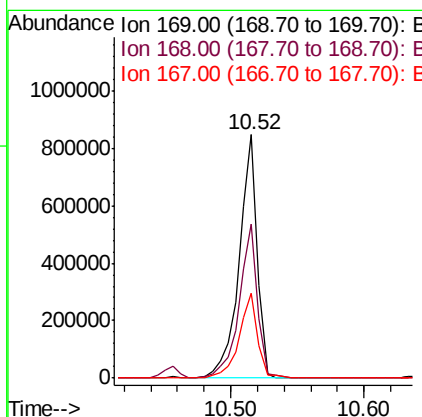
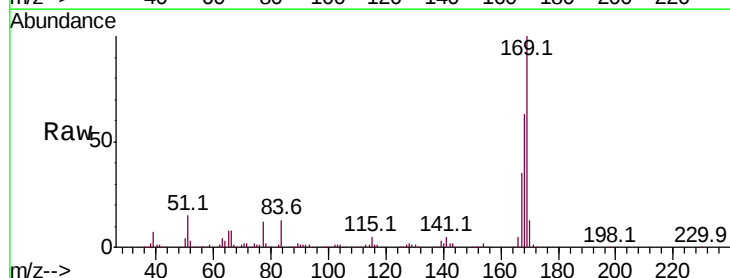
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

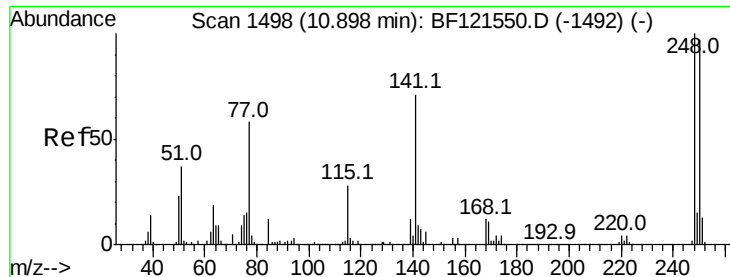
Tot Ion:198 Resp: 163144
 Ion Ratio Lower Upper
 198 100
 51 46.9 20.3 60.3
 105 43.3 20.2 60.2



#66
 n-Nitrosodiphenylamine
 Concen: 35.480 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:169 Resp: 800822
 Ion Ratio Lower Upper
 169 100
 168 63.4 51.8 77.8
 167 35.1 28.4 42.6

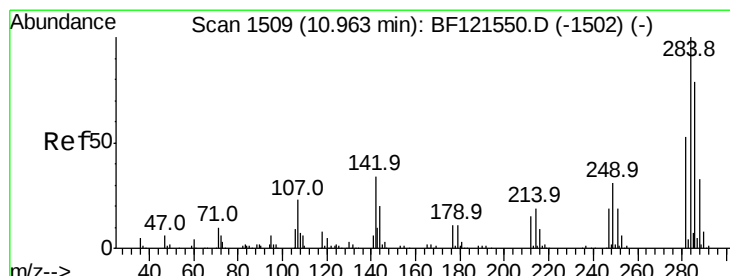
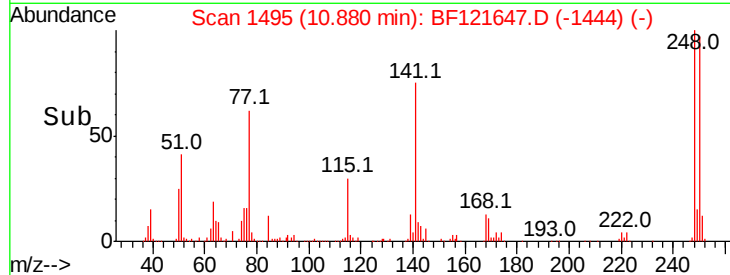
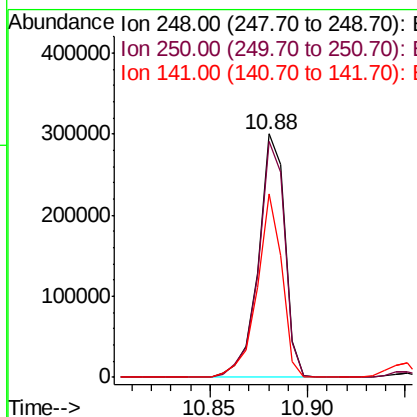
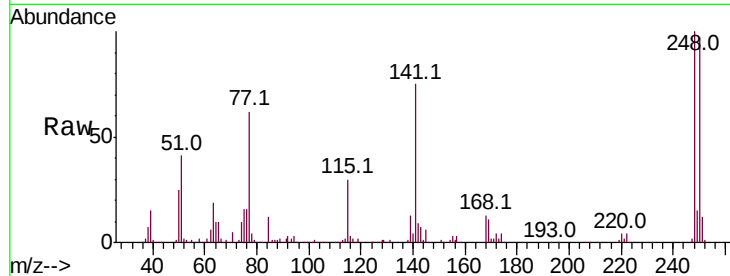




#67
 4-Bromophenyl-phenylether
 Concen: 37.622 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

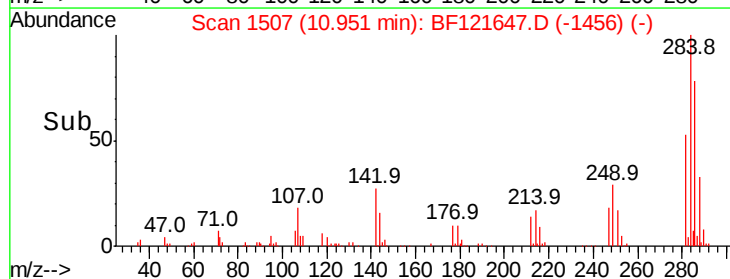
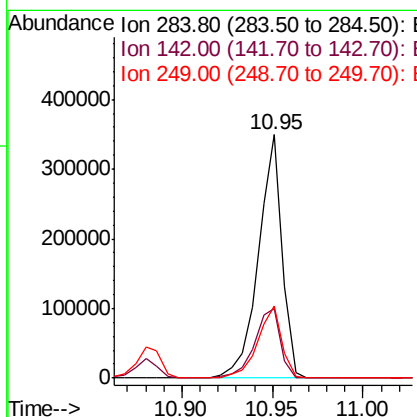
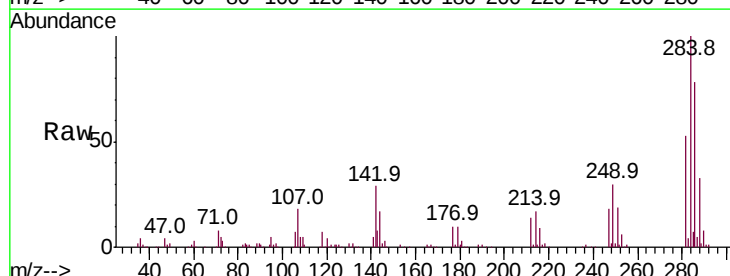
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

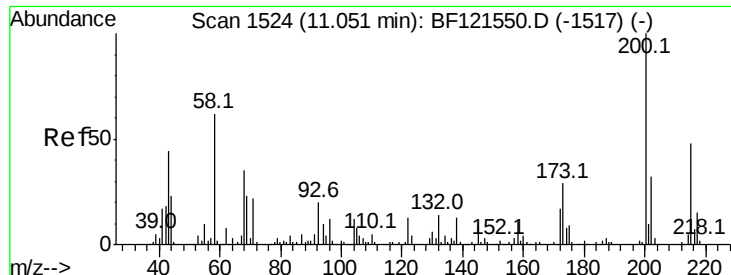
Tot Ion:248	Resp:	281801
Ion Ratio	Lower	Upper
248	100	
250	96.8	79.4 119.0
141	75.3	52.2 78.4



#68
 Hexachlorobenzene
 Concen: 37.591 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:284	Resp:	317760
Ion Ratio	Lower	Upper
284	100	
142	28.7	24.0 36.0
249	29.6	23.9 35.9

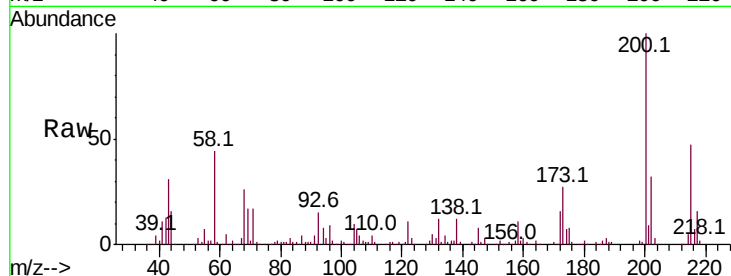




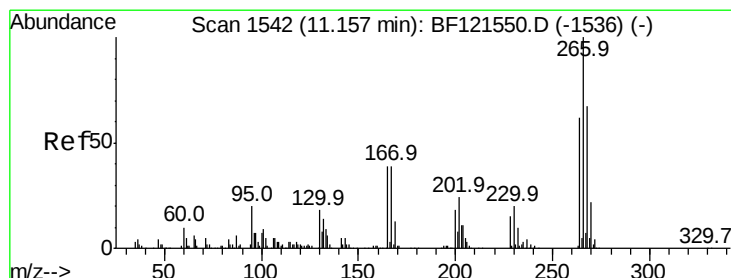
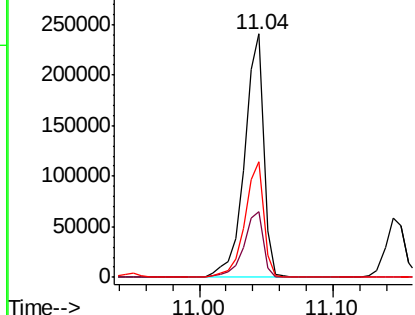
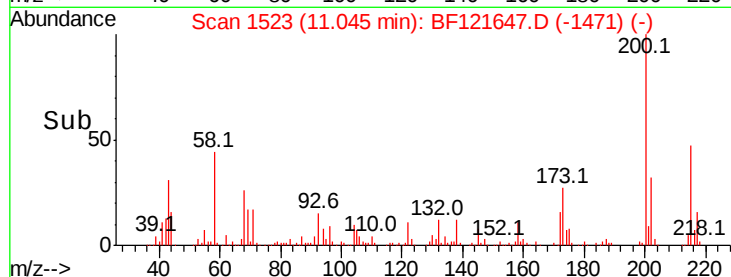
#69
Atrazine
Concen: 42.522 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:200 Resp: 238444
Ion Ratio Lower Upper
200 100
173 26.9 6.0 46.0
215 47.4 28.4 68.4

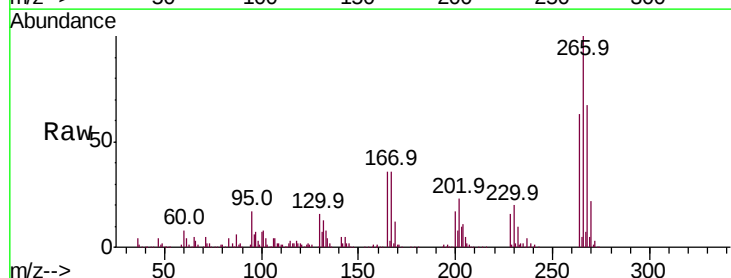


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

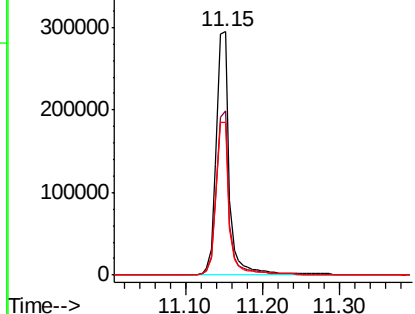
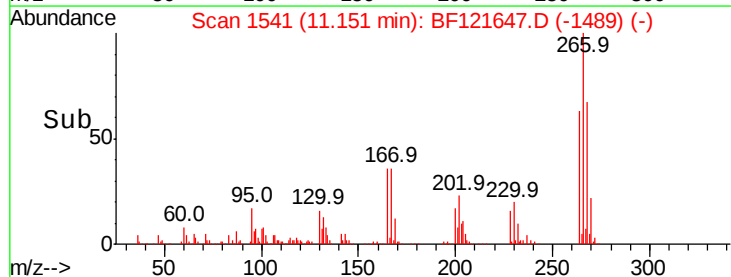


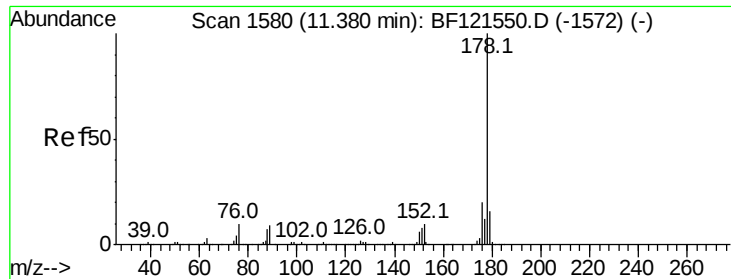
#70
Pentachlorophenol
Concen: 74.323 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:266 Resp: 345034
Ion Ratio Lower Upper
266 100
268 67.2 54.6 81.8
264 62.6 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

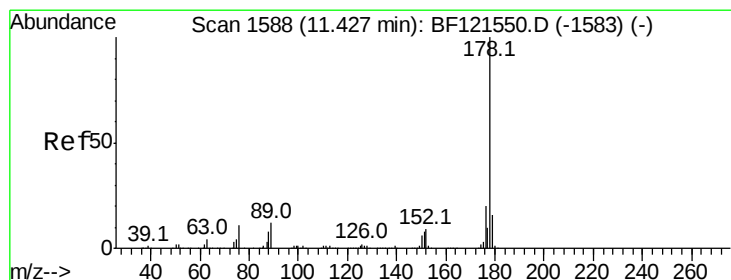
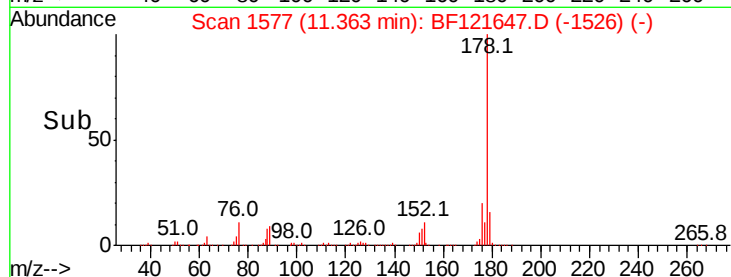
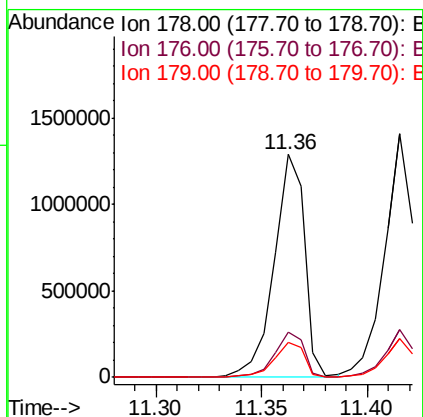
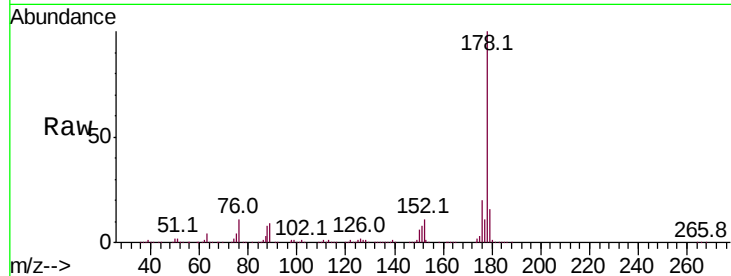




#71
Phenanthrene
Concen: 36.156 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

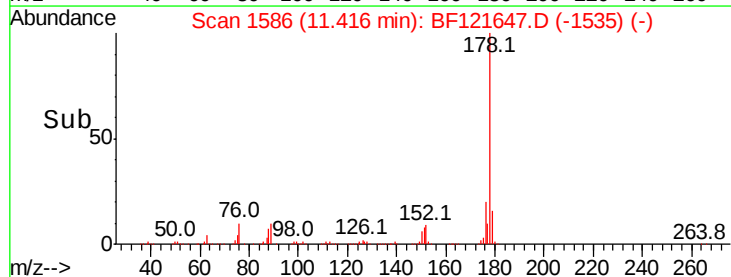
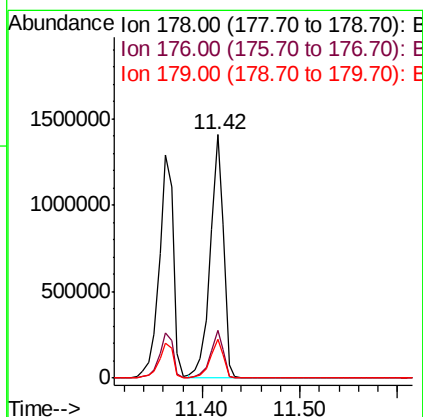
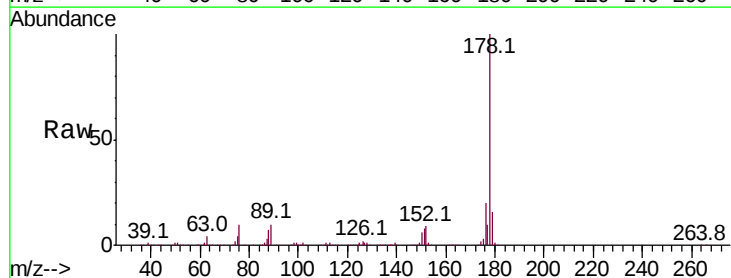
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

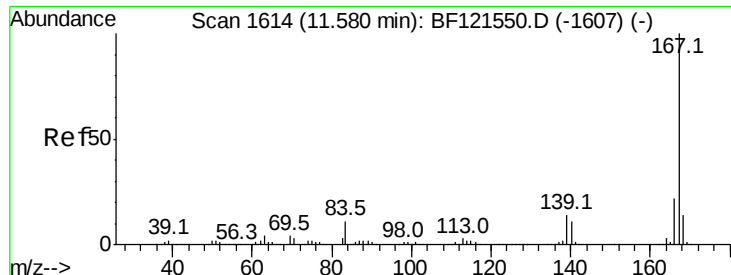
Tot Ion:178 Resp: 1295987
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.6 12.6 18.8



#72
Anthracene
Concen: 35.947 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:178 Resp: 1329690
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.6 19.0



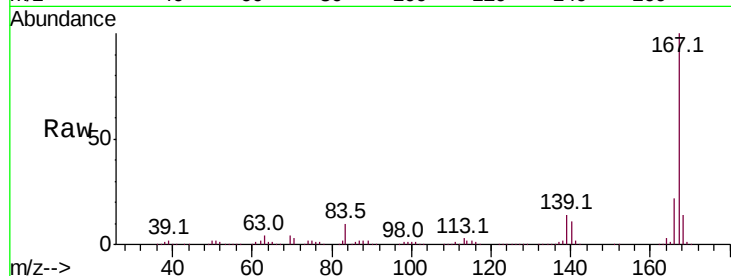


#73
 Carbazole
 Concen: 36.297 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

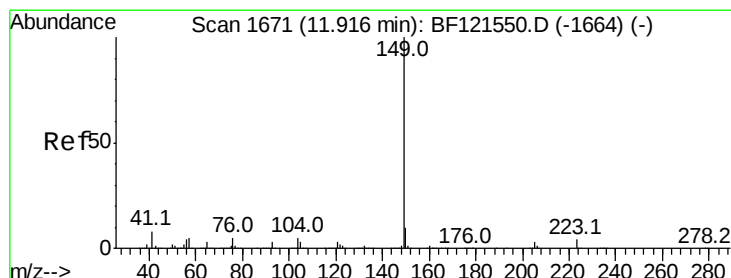
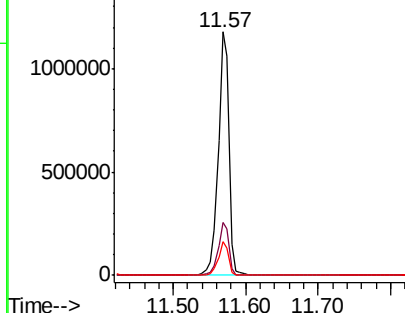
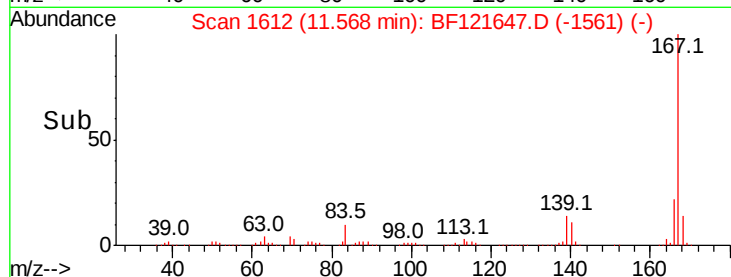
Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion:167 Resp: 1211602

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.7	10.9	16.3



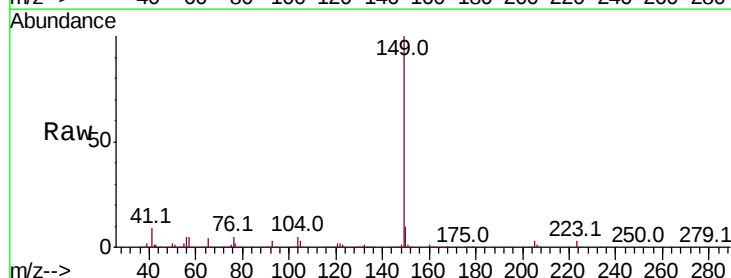
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



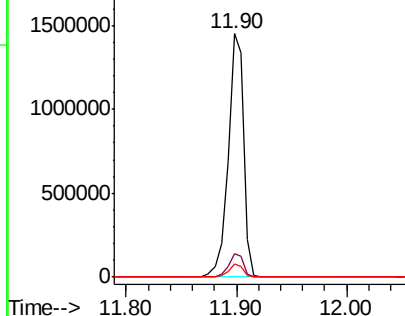
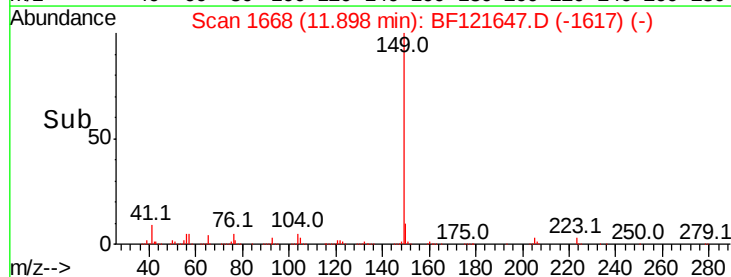
#74
 Di-n-butylphthalate
 Concen: 36.647 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

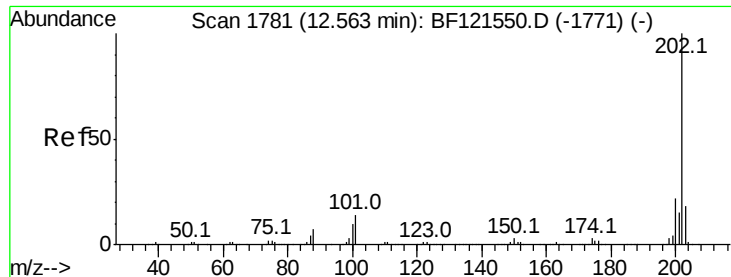
Tgt Ion:149 Resp: 1411870

Ion	Ratio	Lower	Upper
149	100		
150	9.6	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: 37.153 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

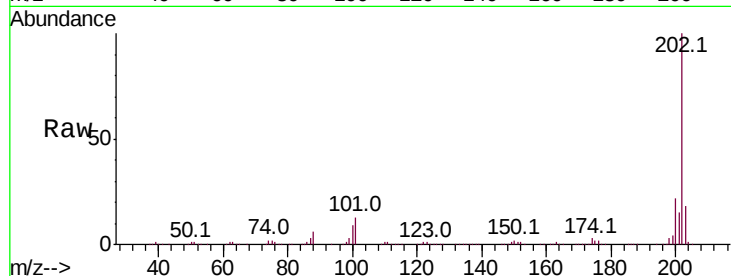
Tot Ion:202 Resp: 1421628

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.9

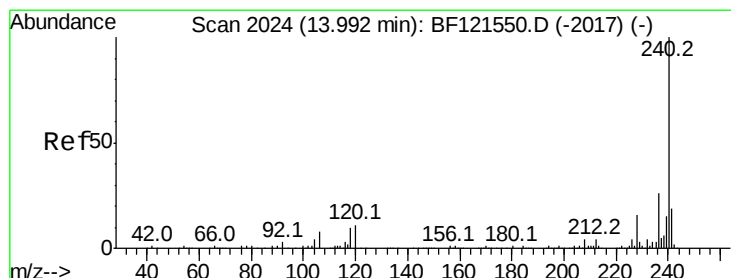
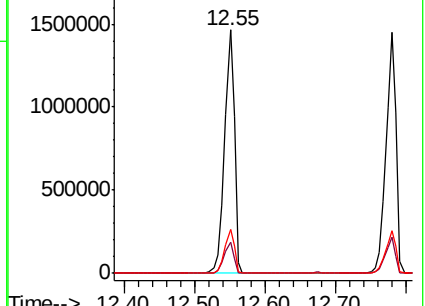
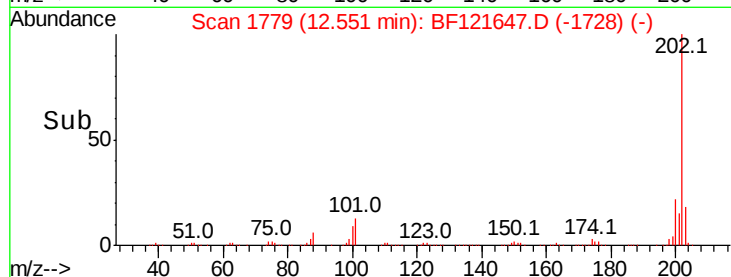
203 17.8 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

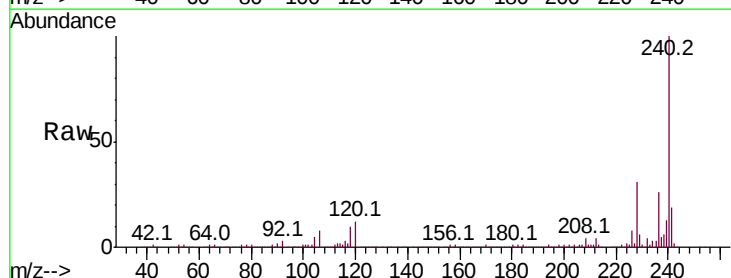
Tgt Ion:240 Resp: 535130

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

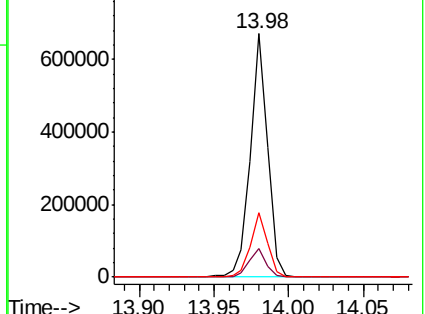
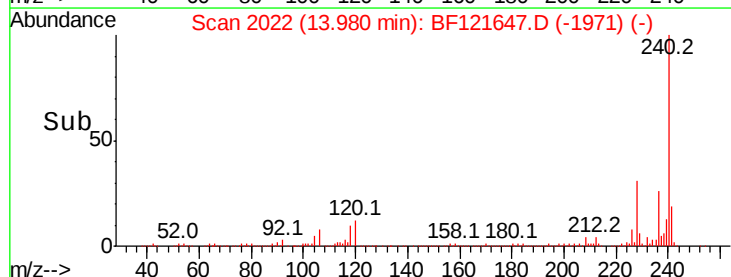
236 26.3 20.4 30.6

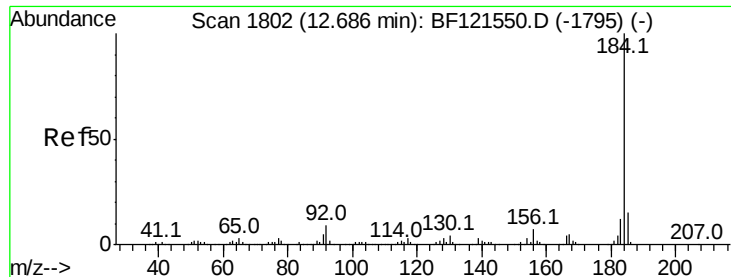


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.348 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

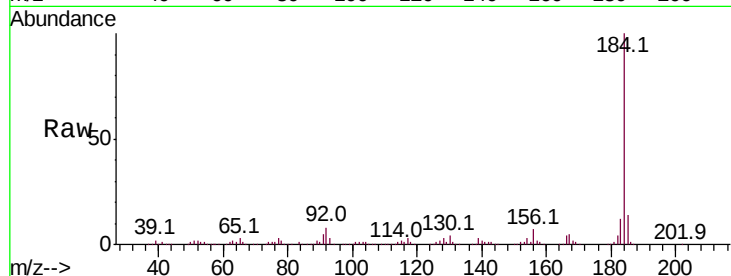
Tot Ion:184 Resp: 769028

Ion Ratio Lower Upper

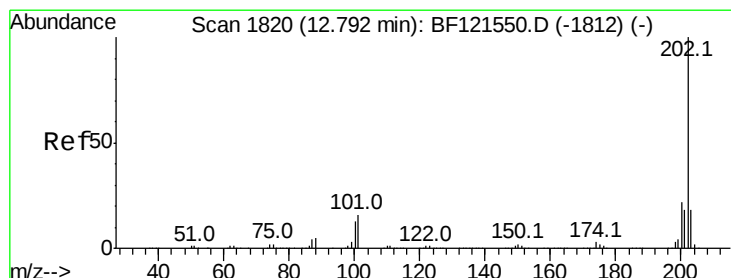
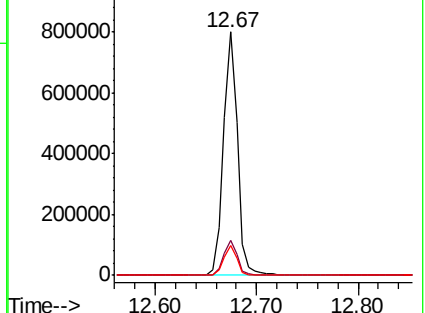
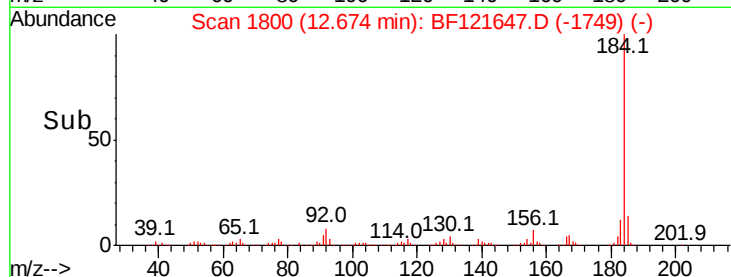
184 100

185 14.5 11.5 17.3

183 12.0 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: 37.154 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

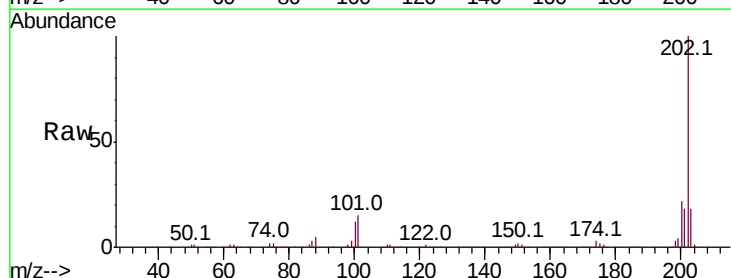
Tgt Ion:202 Resp: 1452656

Ion Ratio Lower Upper

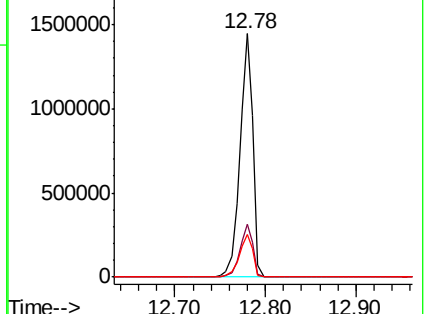
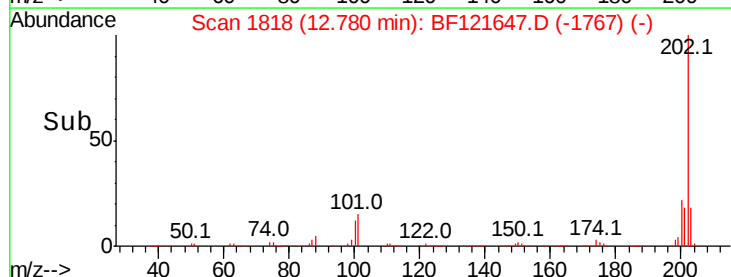
202 100

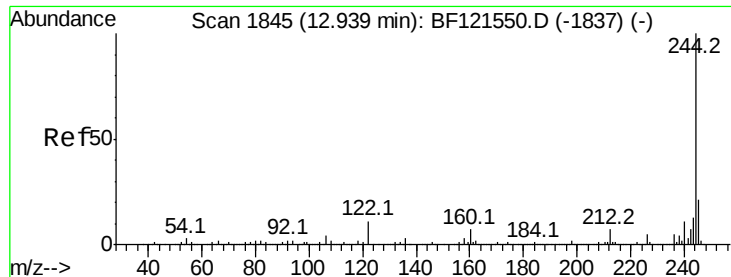
200 21.7 17.8 26.6

203 17.7 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: 64.510 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

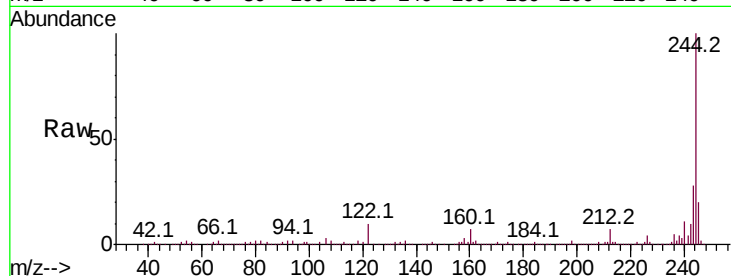
Tot Ion:244 Resp: 1704001

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

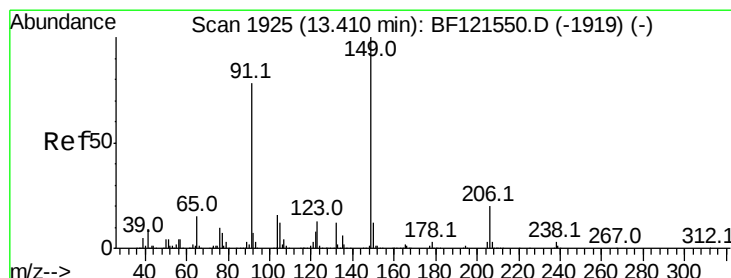
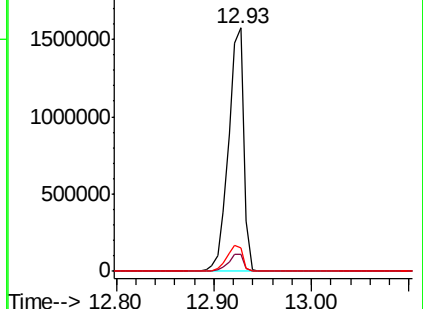
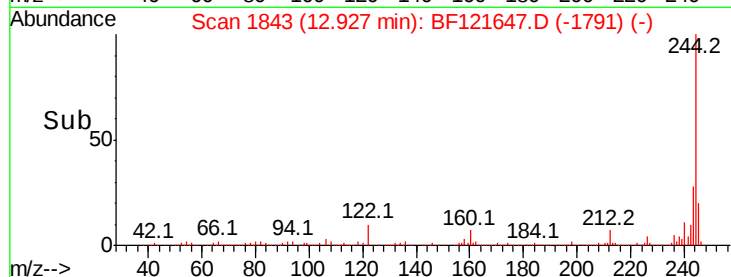
122 9.7 7.4 11.0



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: 38.092 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

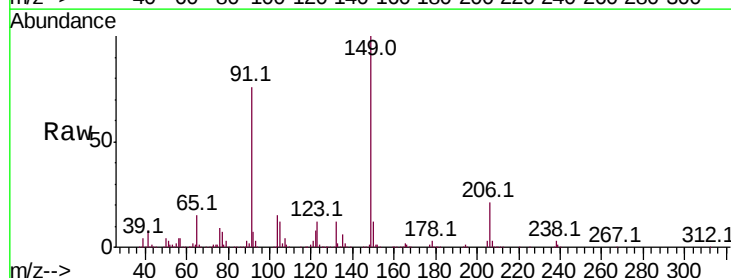
Tgt Ion:149 Resp: 602328

Ion Ratio Lower Upper

149 100

91 76.4 61.0 91.4

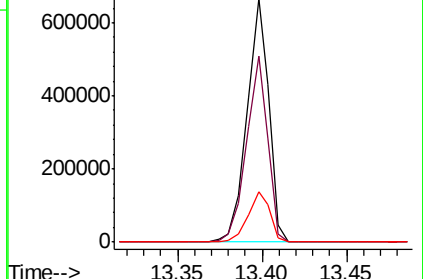
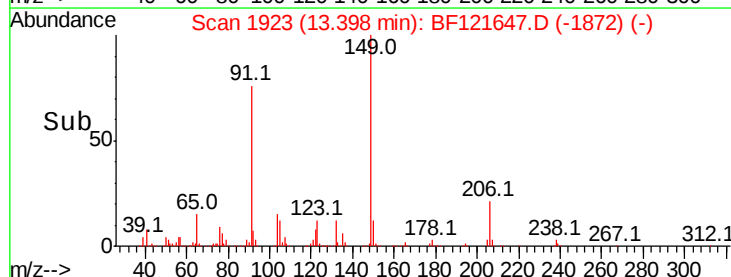
206 20.9 16.6 25.0

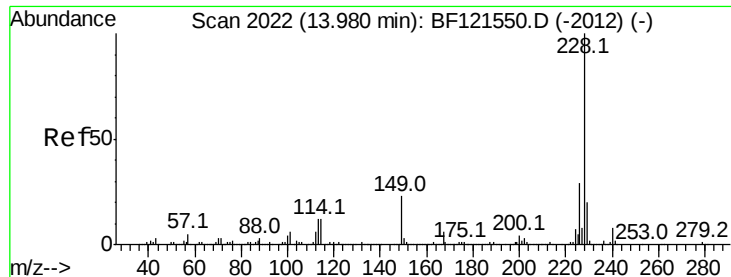


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.561 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

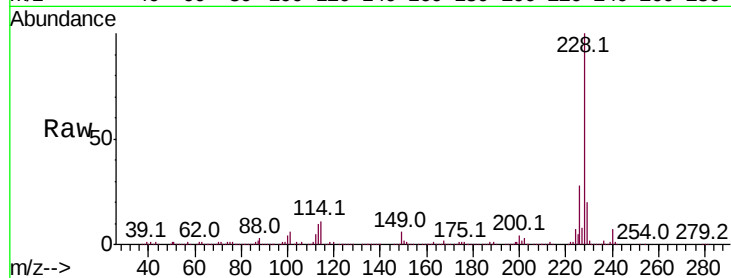
BNA_F

ClientSampleId :

PB131763BSD

Tot Ion:228 Resp: 1271633

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.1	16.2	24.2

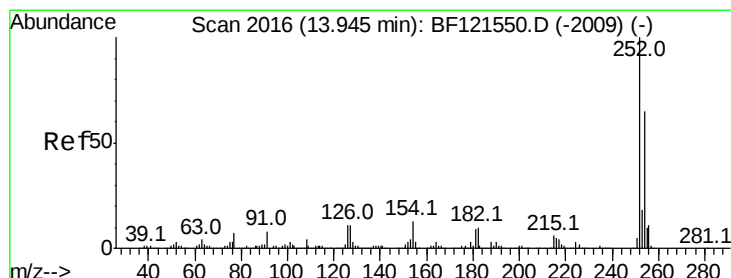
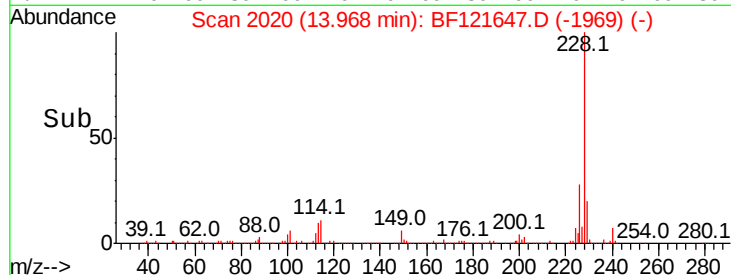
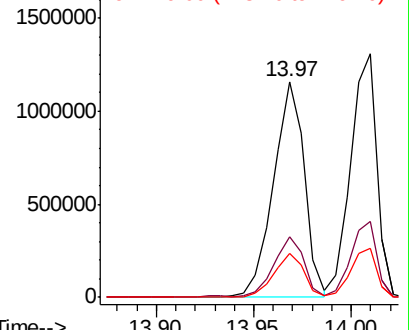


Abundance

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: 30.571 ng

RT: 13.93 min Scan# 2014

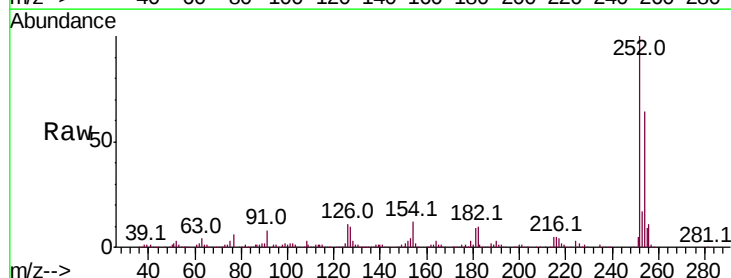
Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Tgt Ion:252 Resp: 404062

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.0	76.4
126	10.5	8.6	13.0

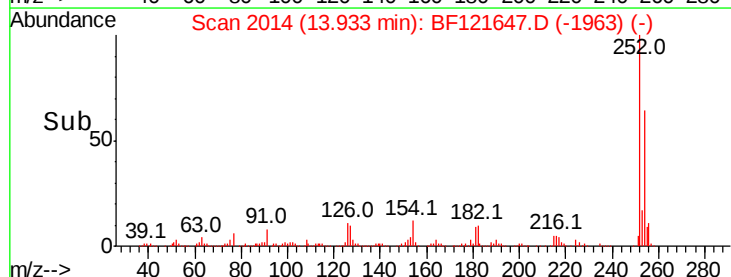
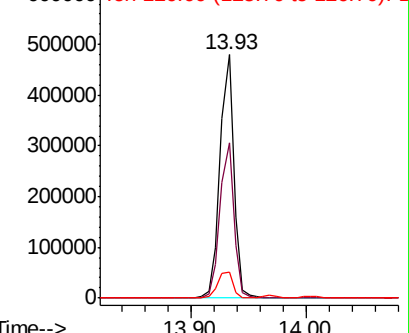


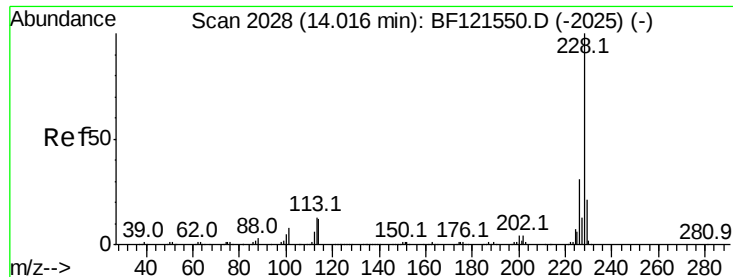
Abundance

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: 35.756 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB131763BSD

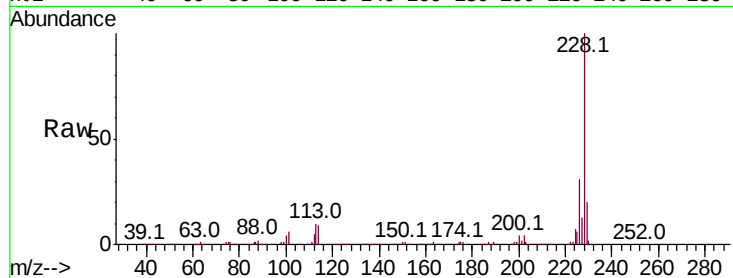
Tot Ion:228 Resp: 1225824

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

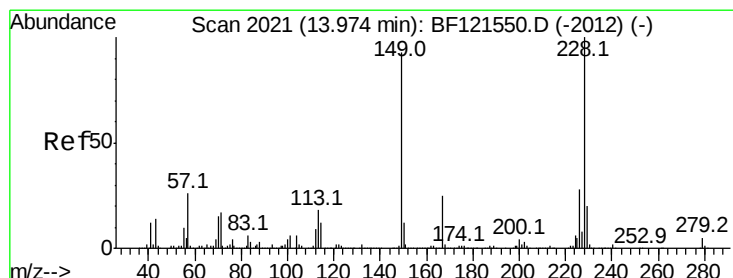
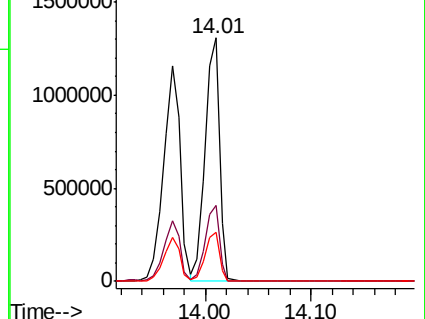
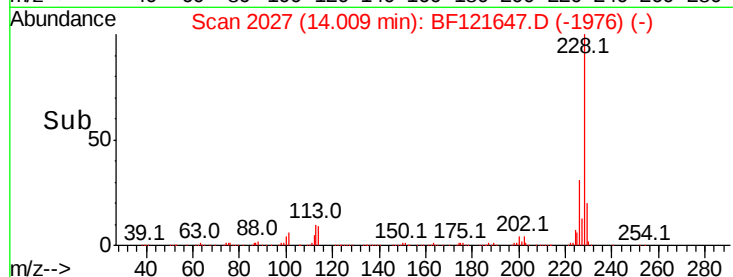
229 20.1 16.0 24.0



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: 36.375 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF121647.D

Acq: 22 Sep 2020 18:50

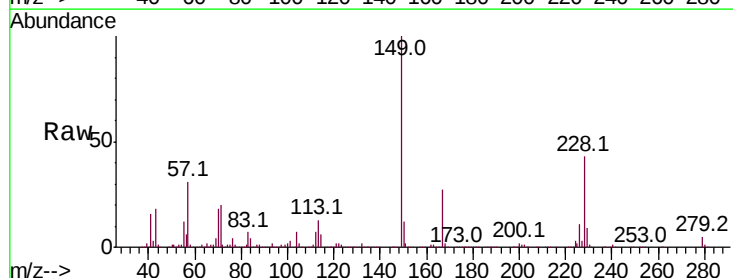
Tgt Ion:149 Resp: 768407

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

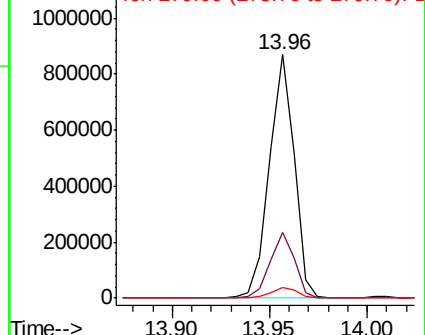
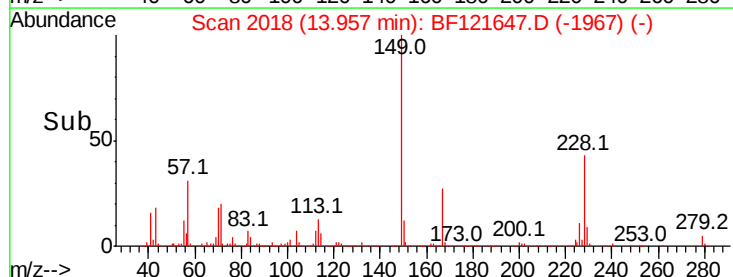
279 4.6 3.4 5.0

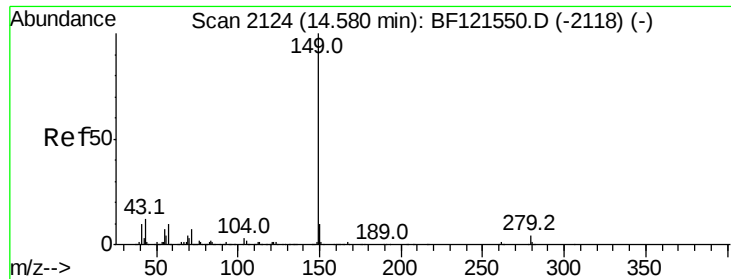


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

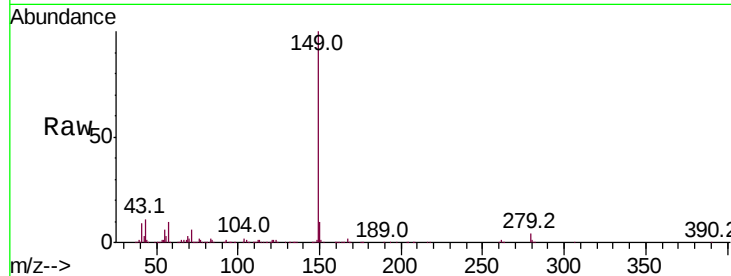




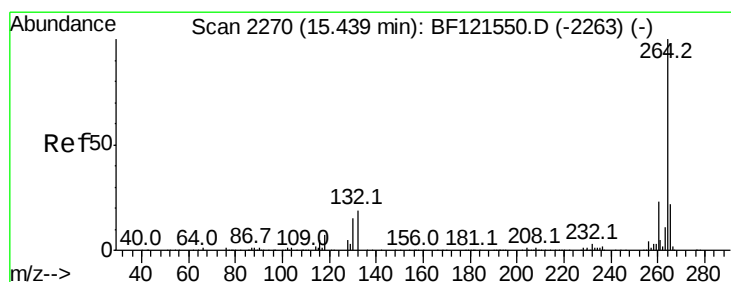
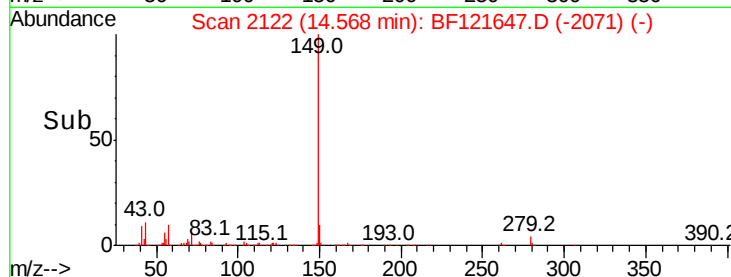
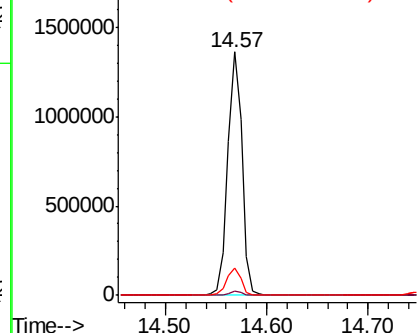
#85
Di-n-octyl phthalate
Concen: 35.492 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion:149 Resp: 1323168
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.0 13.4

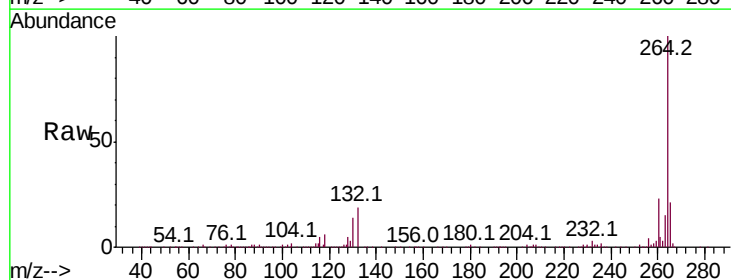


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

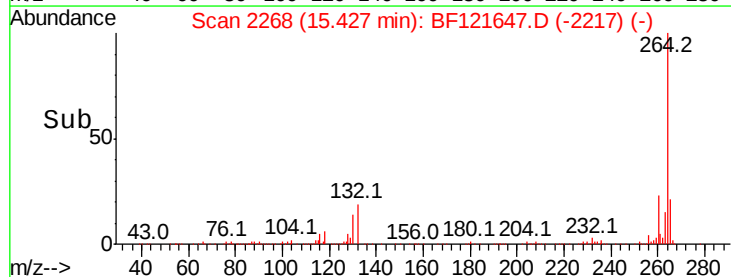
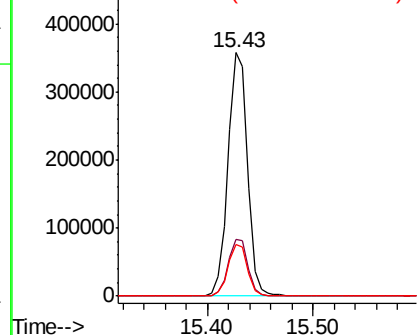


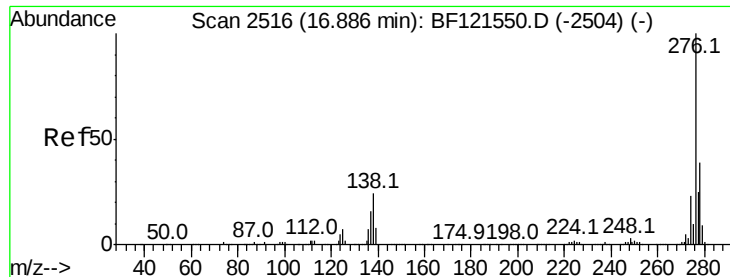
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:264 Resp: 457987
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.3 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



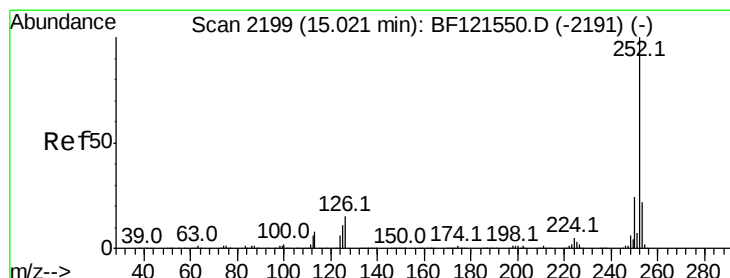
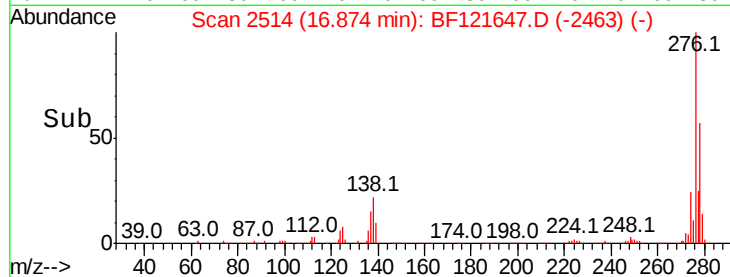
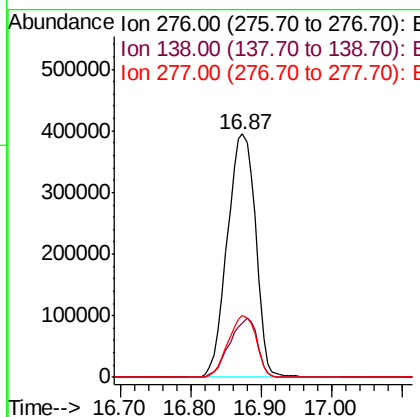
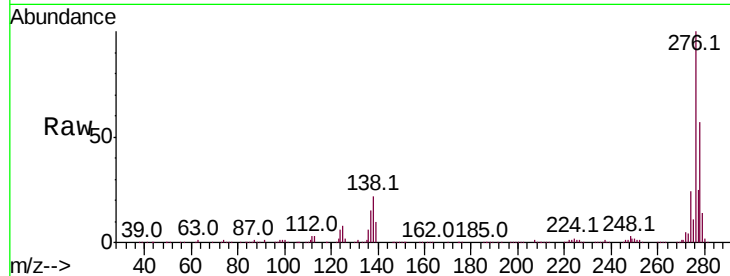


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.934 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB131763BSD

Tot Ion:276 Resp: 1101591

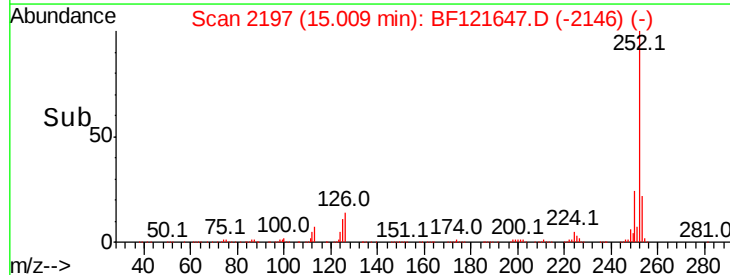
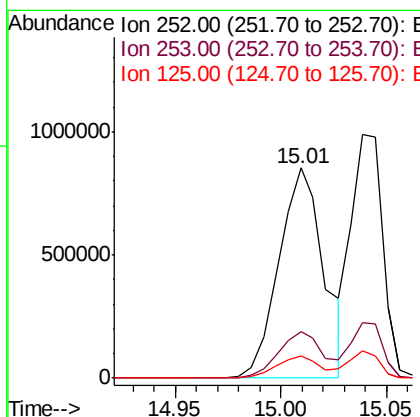
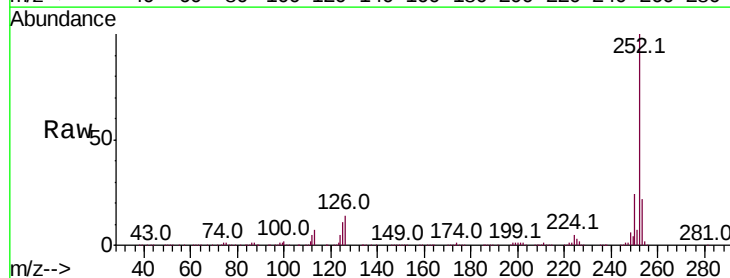
Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.6
277	25.2	20.2	30.2

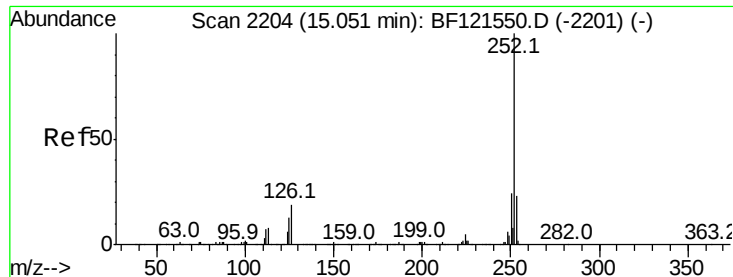


#88
 Benzo(b)fluoranthene
 Concen: 41.201 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BF121647.D
 Acq: 22 Sep 2020 18:50

Tgt Ion:252 Resp: 1261437

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.6	8.5	12.7

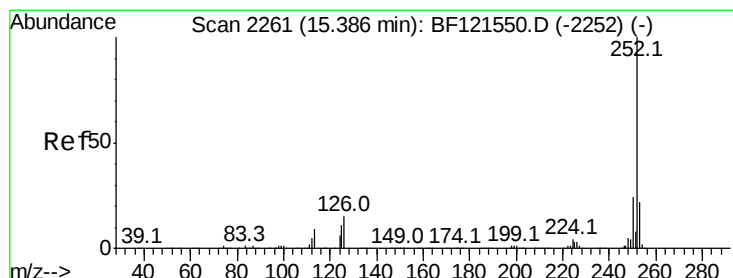
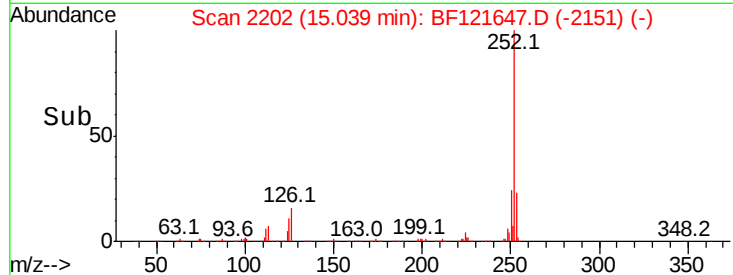
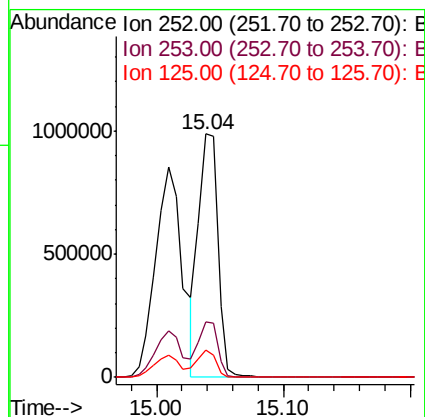
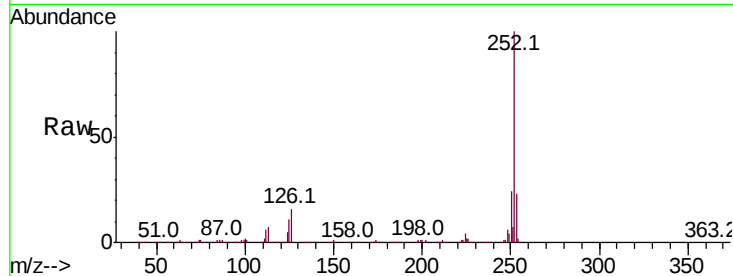




#89
Benzo(k)fluoranthene
Concen: 37.075 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

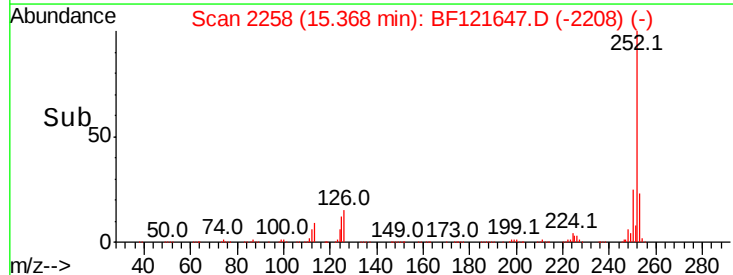
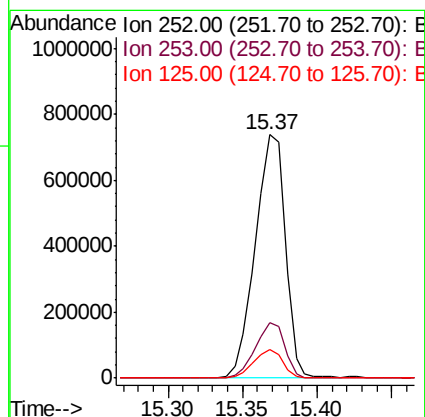
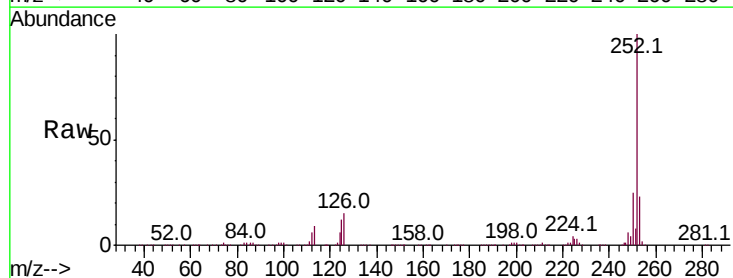
Instrument :
BNA_F
ClientSampleId :
PB131763BSD

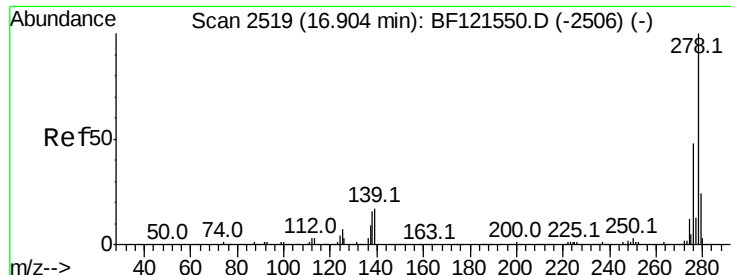
Tot Ion:252 Resp: 1039491
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.549 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion:252 Resp: 1029290
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 12.0 9.1 13.7

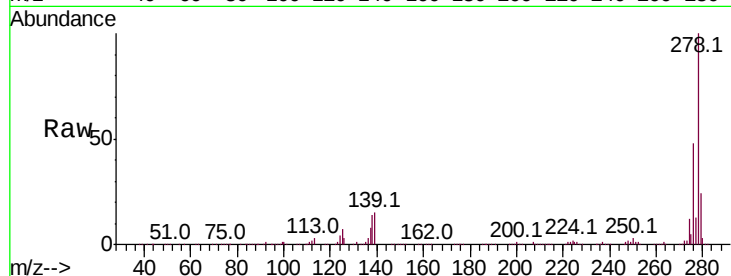




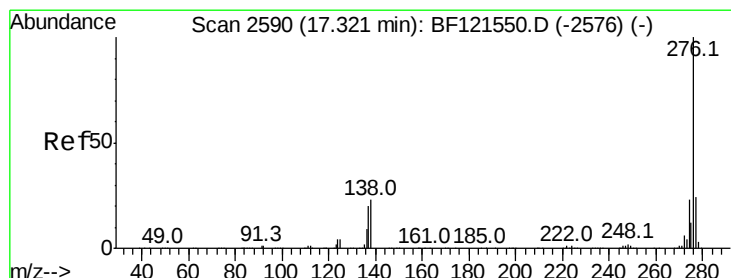
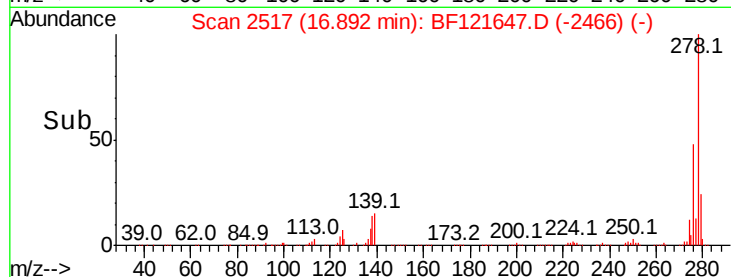
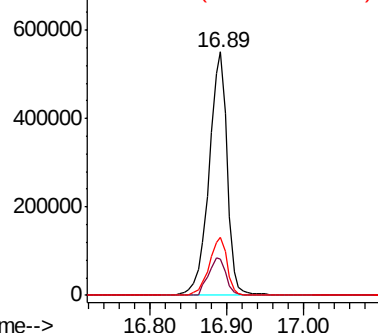
#91
Dibenzo(a,h)anthracene
Concen: 36.664 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB131763BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.8	19.4	29.2

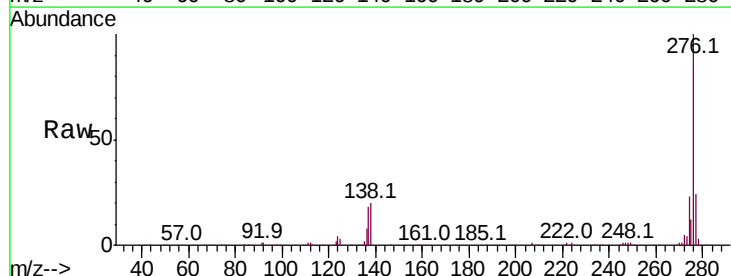


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.308 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121647.D
Acq: 22 Sep 2020 18:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	20.5	16.9	25.3



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

