

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121766.D
 Acq On : 1 Oct 2020 14:38
 Operator : JU/CG
 Sample : PB132004BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Quant Time: Oct 01 15:53:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	154870	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	597793	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	308531	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	583448	20.00	ng	0.00
76) Chrysene-d12	13.93	240	449156	20.00	ng	0.00
86) Perylene-d12	15.37	264	398993	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1293696	124.14	ng	0.01
7) Phenol-d6	6.42	99	1673160	122.38	ng	0.00
23) Nitrobenzene-d5	7.34	82	1114486	100.10	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	546692	142.57	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1868350	91.71	ng	0.00
79) Terphenyl-d14	12.88	244	2264742	102.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	173895	36.322	ng	99
3) Pyridine	3.28	79	488716	36.925	ng	99
4) n-Nitrosodimethylamine	3.23	42	258911	42.174	ng	99
6) Aniline	6.44	93	599118	33.647	ng	95
8) 2-Chlorophenol	6.56	128	486147	45.819	ng	97
9) Benzaldehyde	6.32	77	264011	29.539	ng	99
10) Phenol	6.43	94	571878	39.281	ng	91
11) bis(2-Chloroethyl)ether	6.51	93	472077	43.022	ng	99
12) 1,3-Dichlorobenzene	6.71	146	496888	41.958	ng	99
13) 1,4-Dichlorobenzene	6.79	146	502773	42.281	ng	99
14) 1,2-Dichlorobenzene	6.95	146	453920	41.438	ng	99
15) Benzyl Alcohol	6.92	79	384669	41.395	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	739578	41.885	ng	99
17) 2-Methylphenol	7.03	107	393091	43.542	ng	98
18) Hexachloroethane	7.28	117	187451	44.026	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	330144	41.899	ng	99
20) 3+4-Methylphenols	7.19	107	452875	41.752	ng	93
22) Acetophenone	7.19	105	608433	40.115	ng	99
24) Nitrobenzene	7.36	77	515196	42.784	ng	100
25) Isophorone	7.60	82	944256	42.131	ng	98
26) 2-Nitrophenol	7.67	139	252392	44.707	ng	100
27) 2,4-Dimethylphenol	7.72	122	392923	39.275	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	591439	42.626	ng	100
29) 2,4-Dichlorophenol	7.92	162	388288	42.612	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	410043	42.727	ng	100
31) Naphthalene	8.07	128	1312034	41.577	ng	99
32) Benzoic acid	7.87	122	254749	36.133	ng	99
33) 4-Chloroaniline	8.13	127	492424	35.999	ng	99
34) Hexachlorobutadiene	8.19	225	247068	43.861	ng	99
35) Caprolactam	8.52	113	65164	21.475	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	421761	42.967	ng	98
37) 2-Methylnaphthalene	8.77	142	864337	41.795	ng	98
38) 1-Methylnaphthalene	8.87	142	817242	42.461	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	399854	41.489	ng	99

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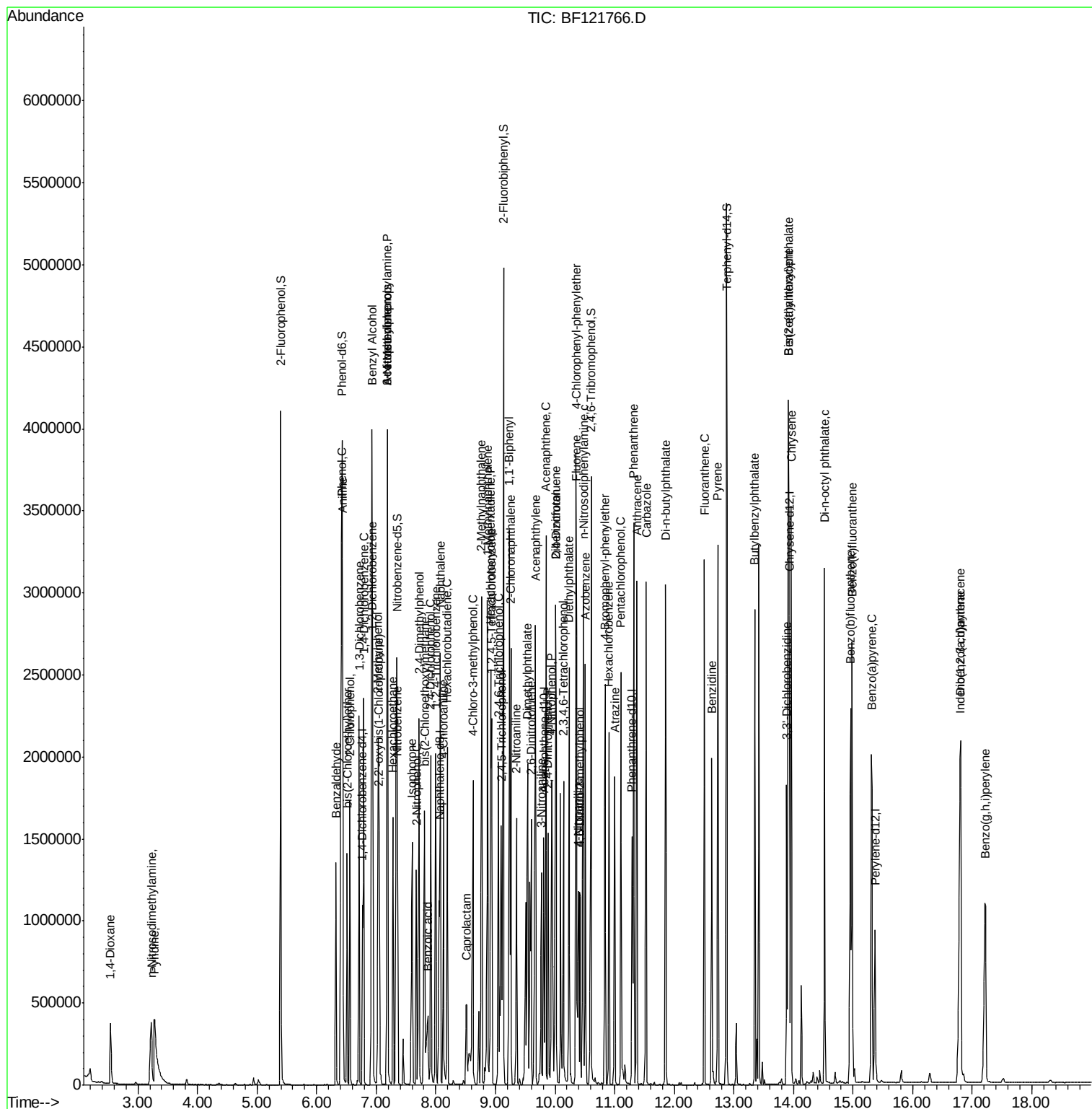
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

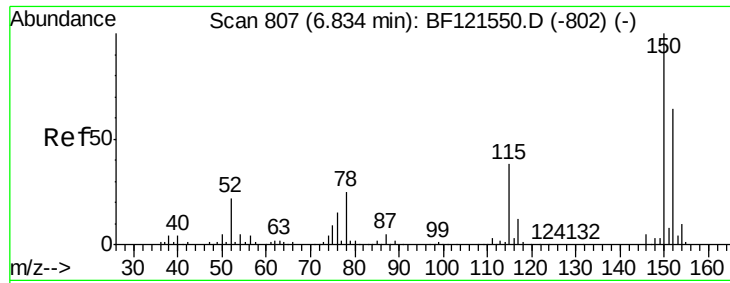
Quant Time: Oct 01 15:53:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	356300	64.738	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	278856	42.450	ng	100
44) 2,4,5-Trichlorophenol	9.10	196	300009	43.201	ng	97
46) 1,1'-Biphenyl	9.23	154	1020468	41.315	ng	99
47) 2-Chloronaphthalene	9.26	162	813114	41.775	ng	100
48) 2-Nitroaniline	9.36	65	285197	47.152	ng	98
49) Acenaphthylene	9.67	152	1250971	41.830	ng	100
50) Dimethylphthalate	9.54	163	984161	44.011	ng	100
51) 2,6-Dinitrotoluene	9.60	165	220649	46.332	ng #	84
52) Acenaphthene	9.85	154	742752	39.322	ng	100
53) 3-Nitroaniline	9.77	138	199981	36.249	ng	98
54) 2,4-Dinitrophenol	9.89	184	228718	82.898	ng	99
55) Dibenzofuran	10.02	168	1094436	41.143	ng	98
56) 4-Nitrophenol	9.95	139	340962	77.497	ng	98
57) 2,4-Dinitrotoluene	10.01	165	280540	46.824	ng	98
58) Fluorene	10.36	166	861956	42.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	252719	44.763	ng	99
60) Diethylphthalate	10.24	149	947839	43.474	ng	100
61) 4-Chlorophenyl-phenylether	10.35	204	421282	43.232	ng	99
62) 4-Nitroaniline	10.39	138	242867	44.337	ng	99
63) Azobenzene	10.51	77	994306	42.825	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	172968	48.267	ng	93
66) n-Nitrosodiphenylamine	10.47	169	833182	41.624	ng	99
67) 4-Bromophenyl-phenylether	10.84	248	288235	43.390	ng	97
68) Hexachlorobenzene	10.91	284	326697	43.579	ng #	90
69) Atrazine	11.00	200	253520	50.979	ng	99
70) Pentachlorophenol	11.10	266	306156	74.363	ng	100
71) Phenanthrene	11.32	178	1295609	40.757	ng	99
72) Anthracene	11.37	178	1338722	40.809	ng	100
73) Carbazole	11.53	167	1201667	40.593	ng	100
74) Di-n-butylphthalate	11.86	149	1480100	43.320	ng	100
75) Fluoranthene	12.50	202	1412001	41.610	ng	99
77) Benzidine	12.63	184	787031	52.855	ng	99
78) Pyrene	12.73	202	1423575	43.380	ng	99
80) Butylbenzylphthalate	13.35	149	626591	47.211	ng	97
81) Benzo(a)anthracene	13.92	228	1199953	42.228	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	362519	32.678	ng	100
83) Chrysene	13.96	228	1210045	42.052	ng	99
84) Bis(2-ethylhexyl)phthalate	13.91	149	825341	46.549	ng	99
85) Di-n-octyl phthalate	14.52	149	1437943	45.954	ng	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1209566	46.551	ng	100
88) Benzo(b)fluoranthene	14.96	252	1164186	43.646	ng	99
89) Benzo(k)fluoranthene	14.99	252	1147414	46.976	ng	99
90) Benzo(a)pyrene	15.31	252	1048617	46.249	ng	99
91) Dibenzo(a,h)anthracene	16.80	278	1003456	46.393	ng	100
92) Benzo(g,h,i)perylene	17.22	276	976624	45.934	ng	98

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

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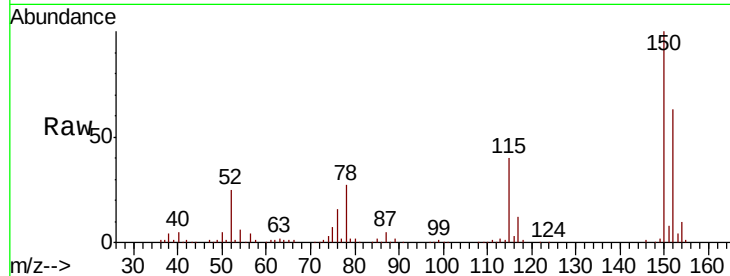


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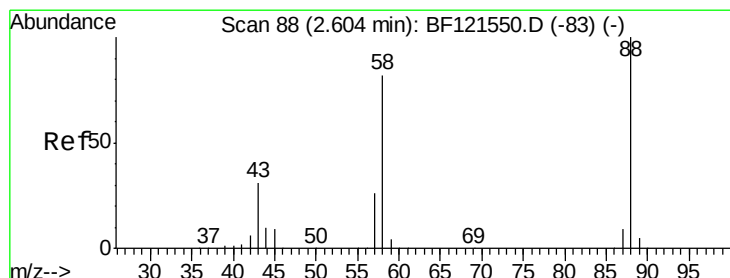
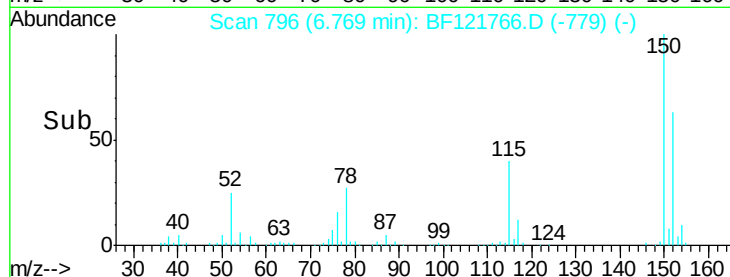
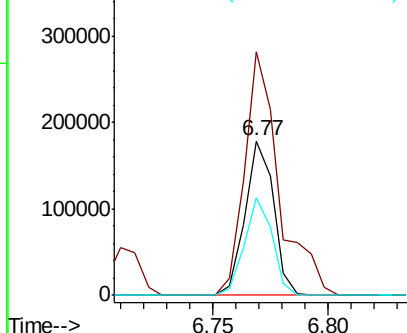
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:152 Resp: 154870
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 63.5 51.9 77.9



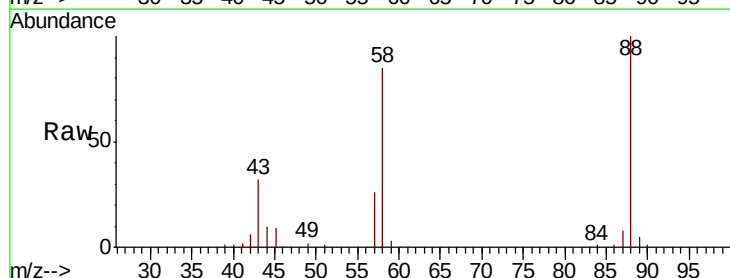
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



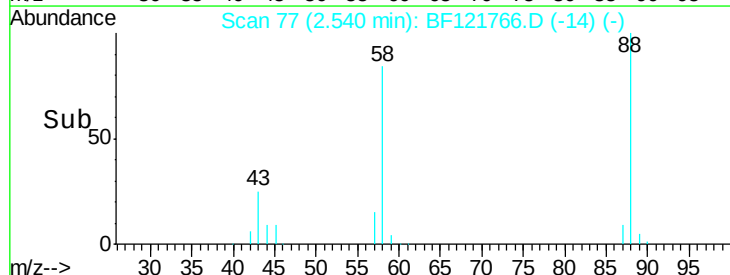
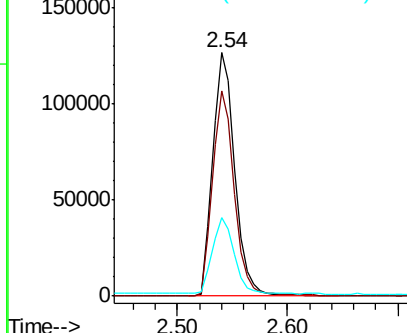
#2

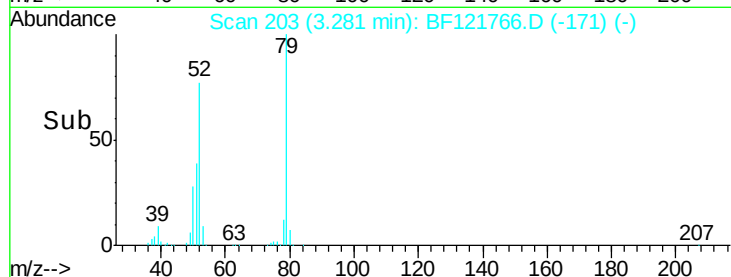
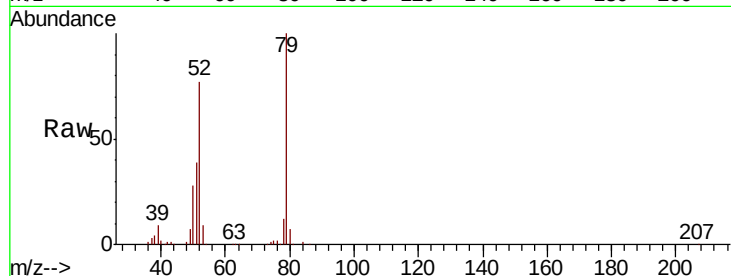
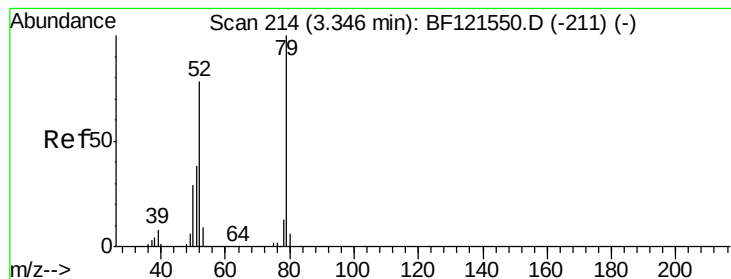
1,4-Dioxane
Concen: 36.322 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.07 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion: 88 Resp: 173895
Ion Ratio Lower Upper
88 100
58 82.3 65.8 98.8
43 30.9 25.8 38.8



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





#3

Pvridine

Concen: 36.925 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.09 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

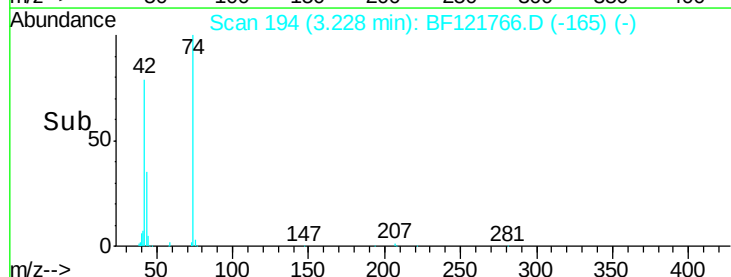
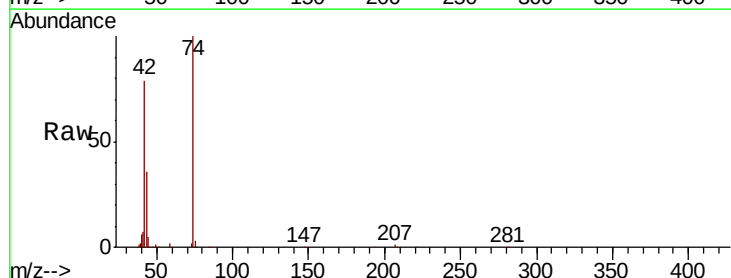
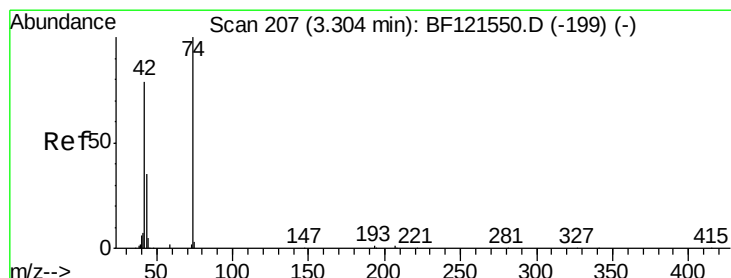
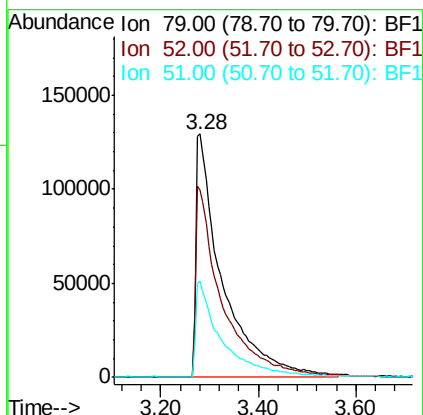
Tot Ion: 79 Resp: 488716

Ion Ratio Lower Upper

79 100

52 77.1 62.2 93.4

51 39.4 31.1 46.7



#4

n-Nitrosodimethylamine

Concen: 42.174 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

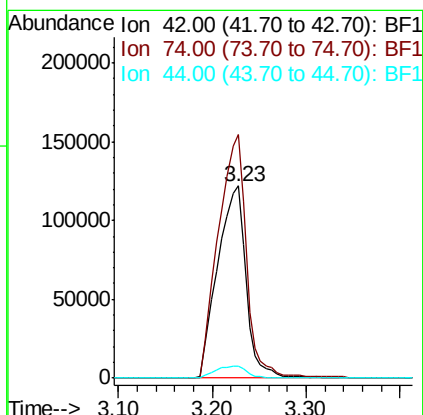
Tgt Ion: 42 Resp: 258911

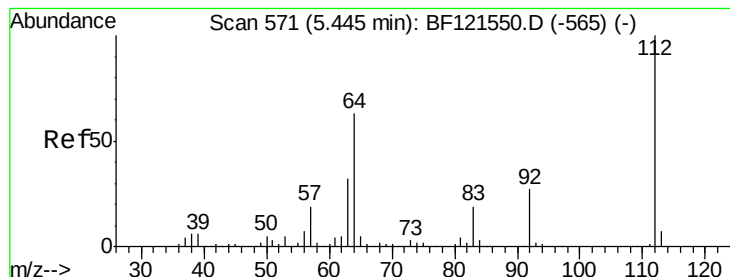
Ion Ratio Lower Upper

42 100

74 126.6 100.2 150.2

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 124.142 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampled :

PB132004BS

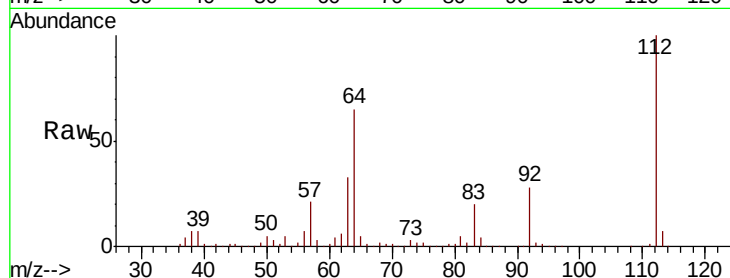
Tot Ion:112 Resp: 1293696

Ion Ratio Lower Upper

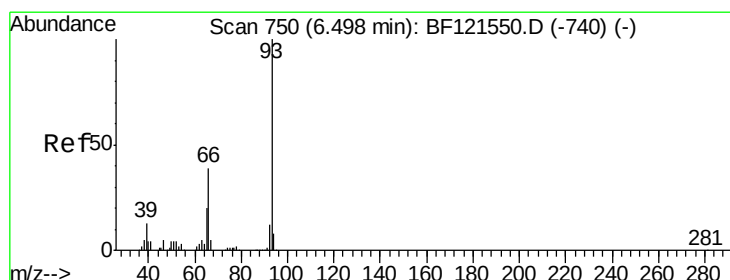
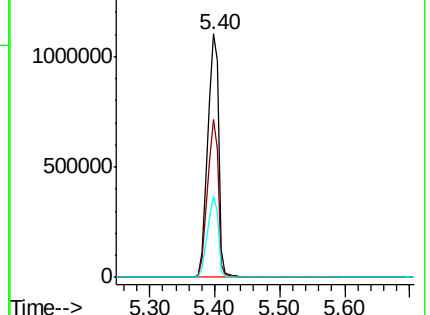
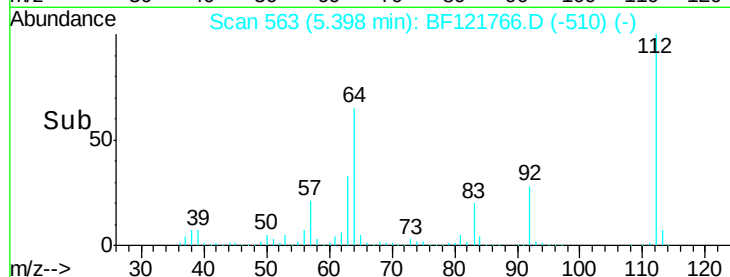
112 100

64 65.1 50.4 75.6

63 33.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1
1500000
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.647 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

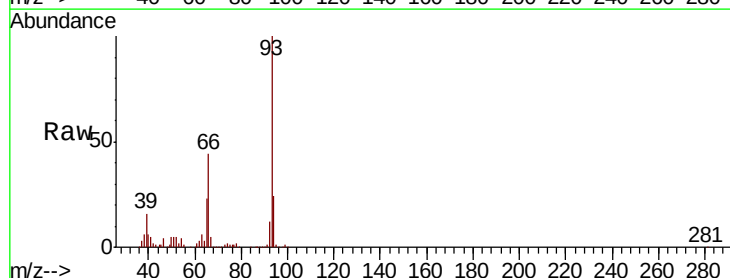
Tgt Ion: 93 Resp: 599118

Ion Ratio Lower Upper

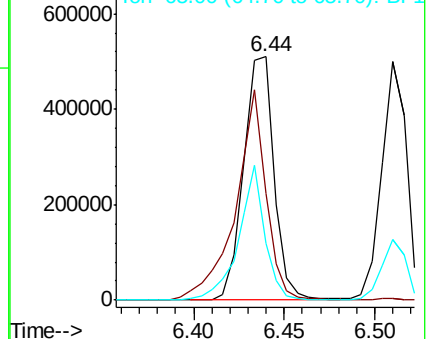
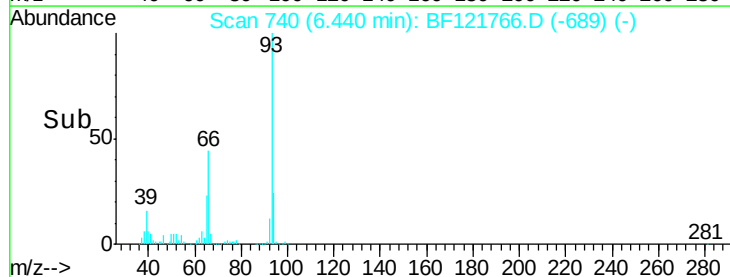
93 100

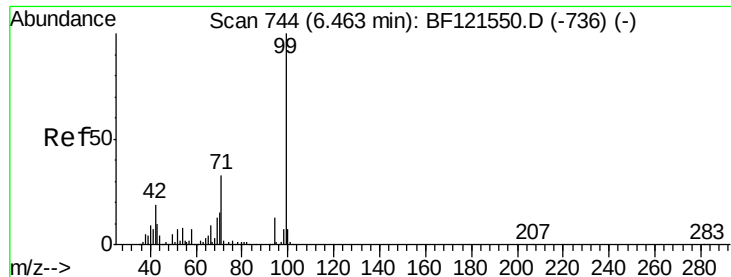
66 44.0 32.7 49.1

65 23.3 16.6 24.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
600000
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.380 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

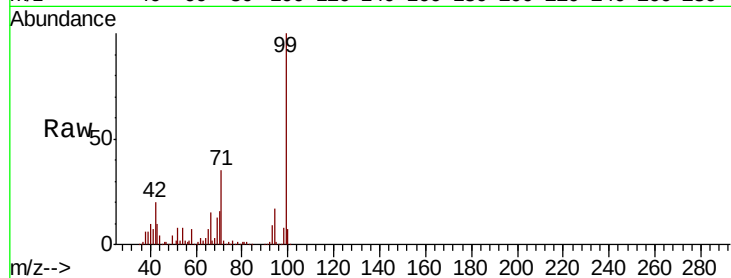
Tot Ion: 99 Resp: 1673160

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.8	27.1	40.7

99 100

42 19.9 15.9 23.9

71 34.8 27.1 40.7

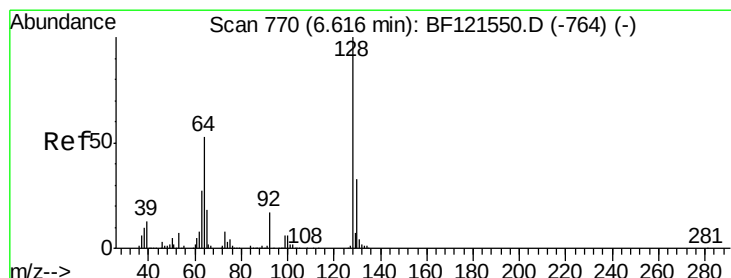
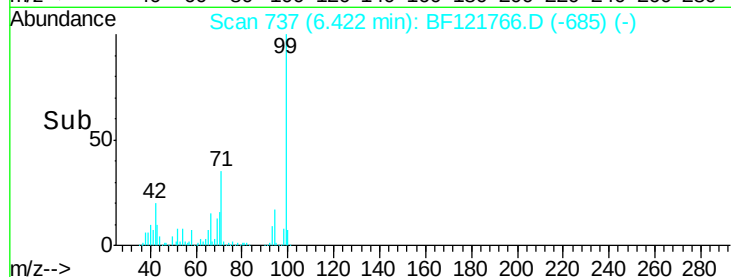
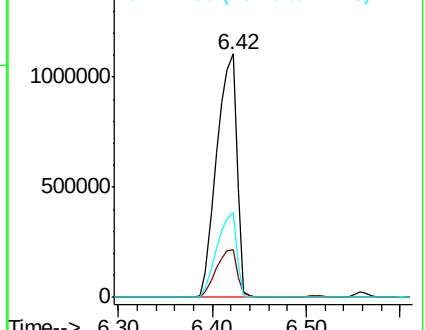


Abundance

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: 45.819 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

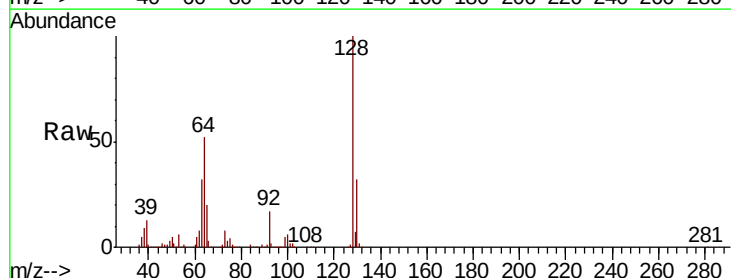
Tgt Ion: 128 Resp: 486147

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	52.1	34.8	74.8

128 100

130 31.8 12.4 52.4

64 52.1 34.8 74.8

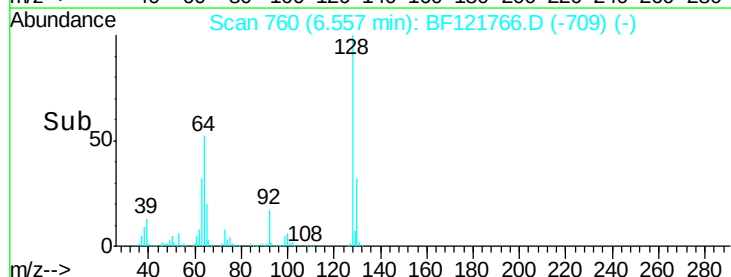
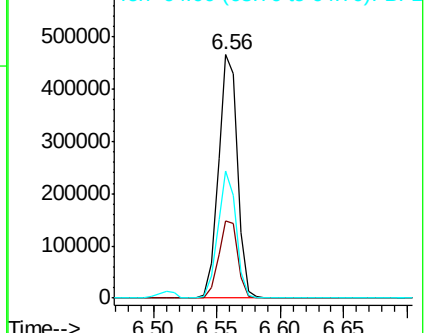


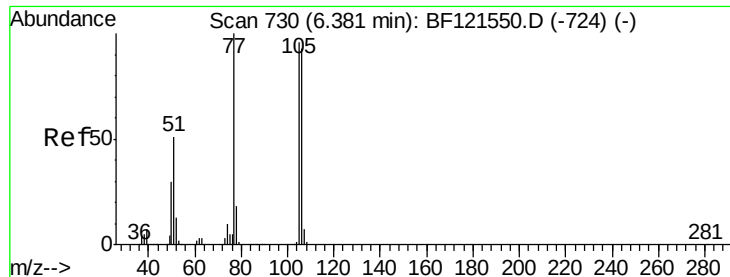
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.539 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

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PB132004BS

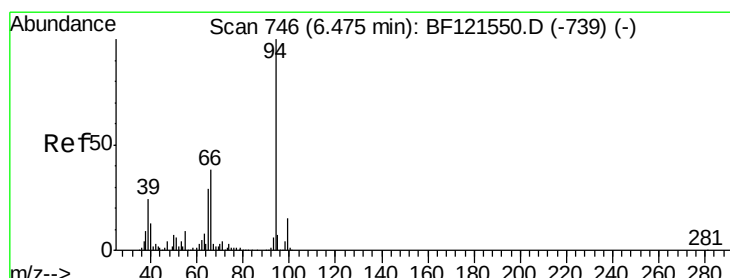
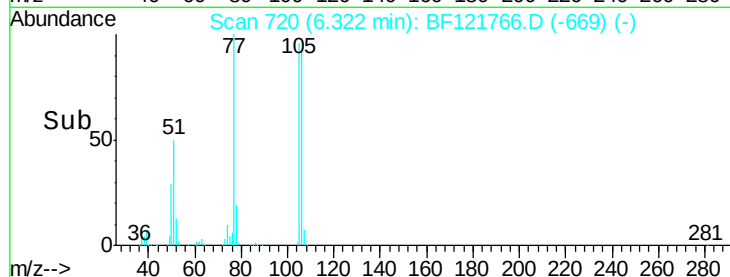
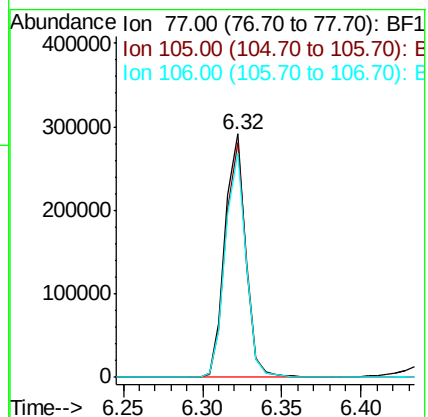
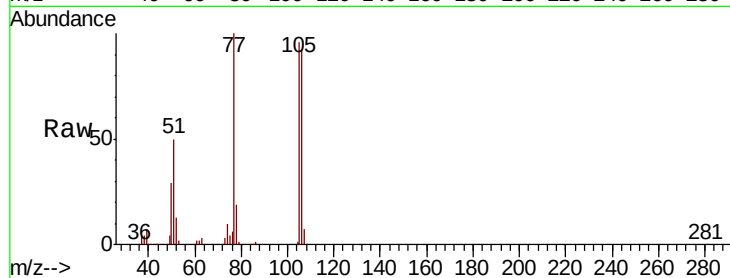
Tot Ion: 77 Resp: 264011

Ion Ratio Lower Upper

77 100

105 96.4 76.7 116.7

106 92.1 71.3 111.3



#10

Phenol

Concen: 39.281 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

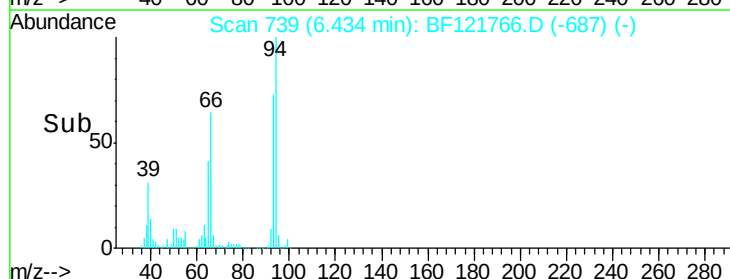
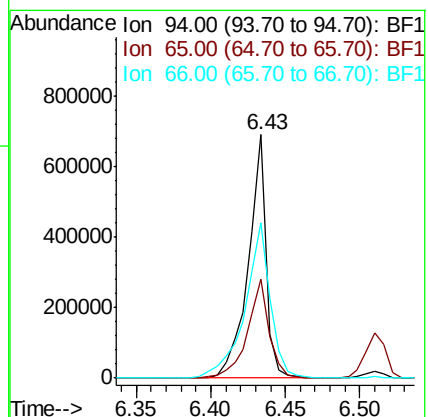
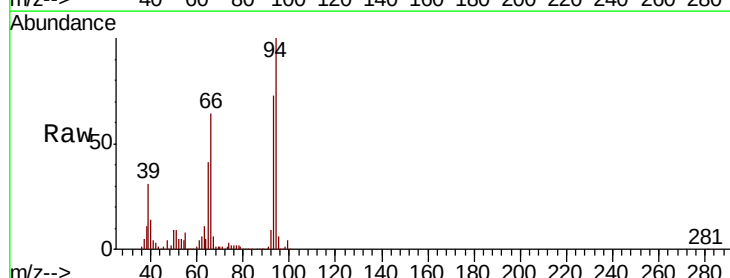
Tgt Ion: 94 Resp: 571878

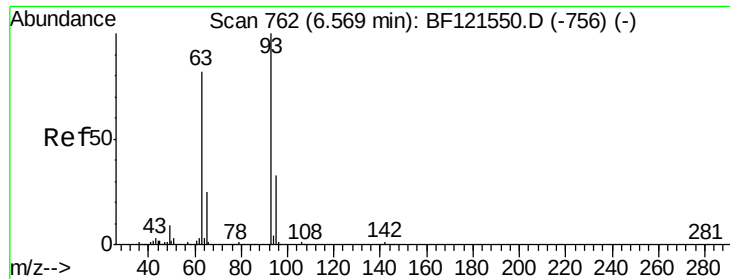
Ion Ratio Lower Upper

94 100

65 40.9 17.1 57.1

66 63.7 36.0 76.0

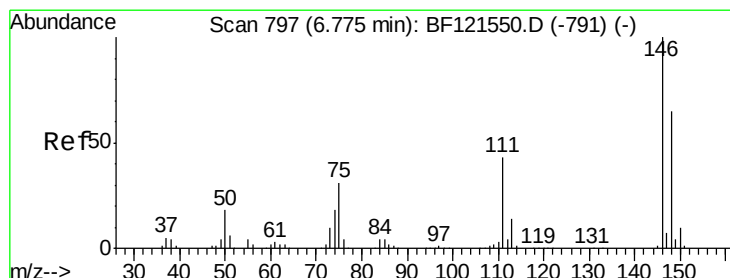
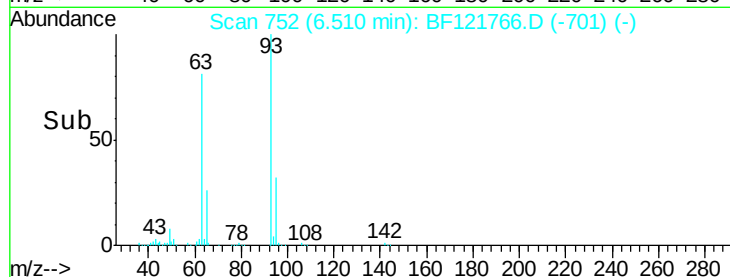
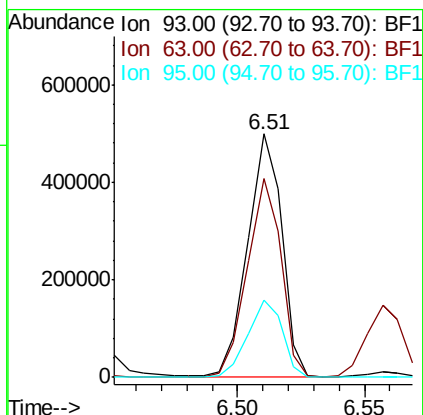
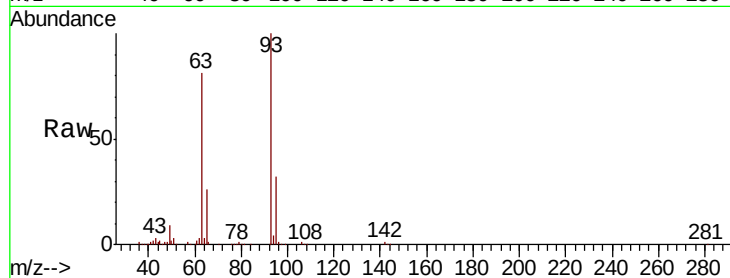




#11
bis(2-Chloroethyl)ether
Concen: 43.022 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

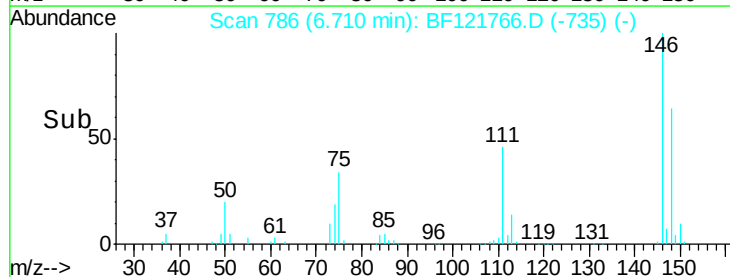
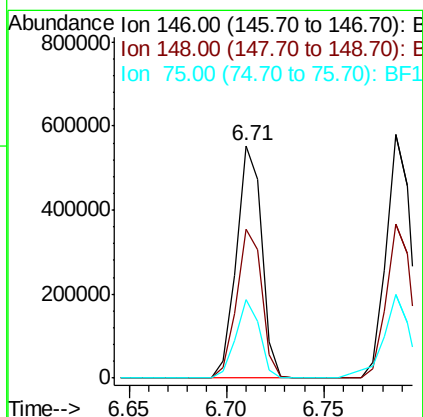
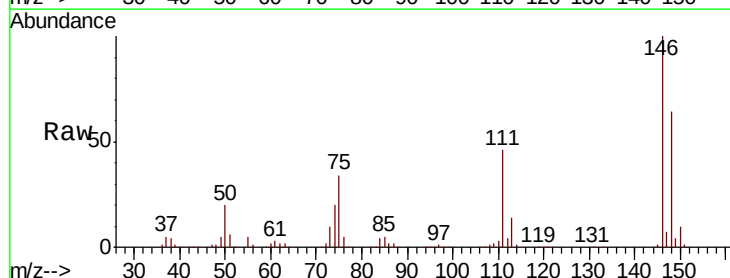
Instrument :
BNA_F
ClientSampleId :
PB132004BS

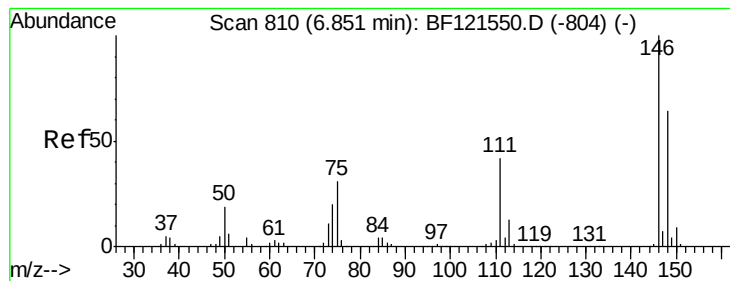
Tot Ion: 93 Resp: 472077
Ion Ratio Lower Upper
93 100
63 81.4 62.4 102.4
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.958 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion: 146 Resp: 496888
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 33.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.281 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

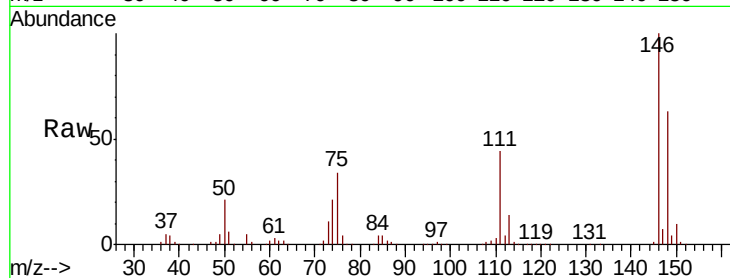
Tot Ion:146 Resp: 502773

Ion Ratio Lower Upper

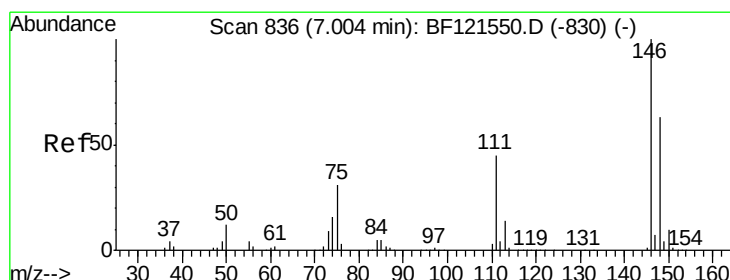
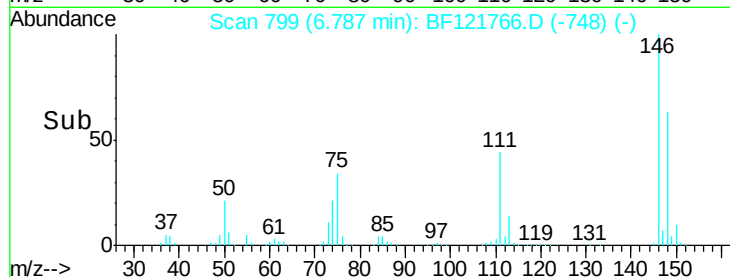
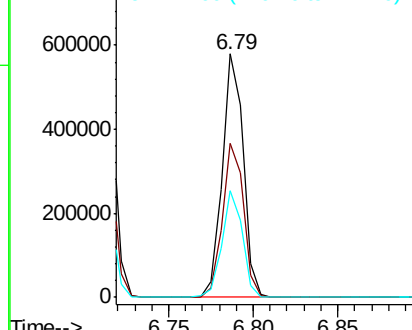
146 100

148 63.1 50.1 75.1

111 43.7 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 41.438 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

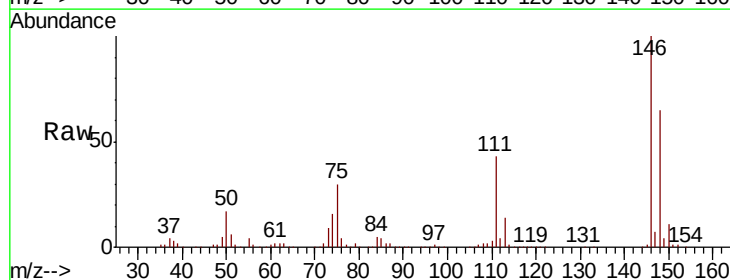
Tgt Ion:146 Resp: 453920

Ion Ratio Lower Upper

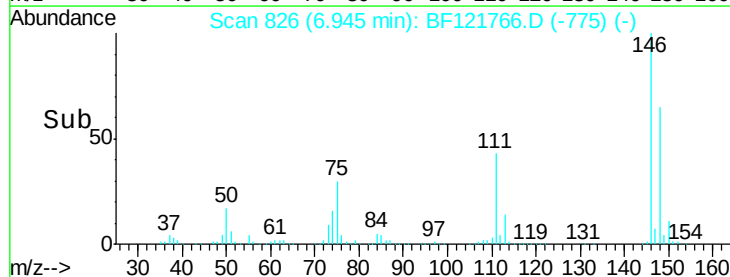
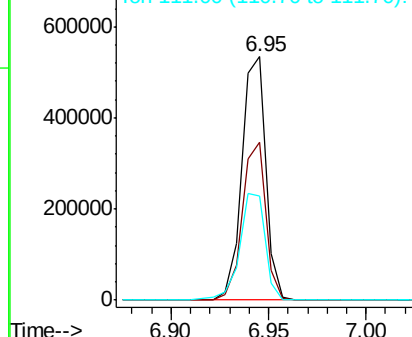
146 100

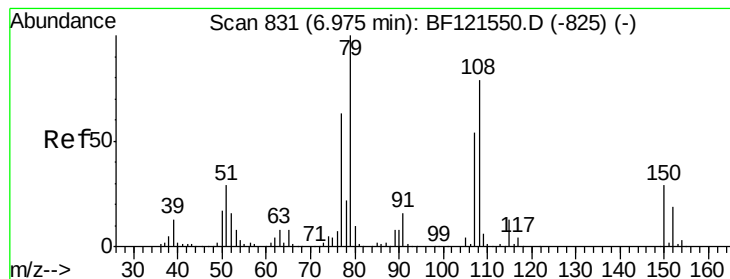
148 64.8 51.1 76.7

111 42.5 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 41.395 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleID :

PB132004BS

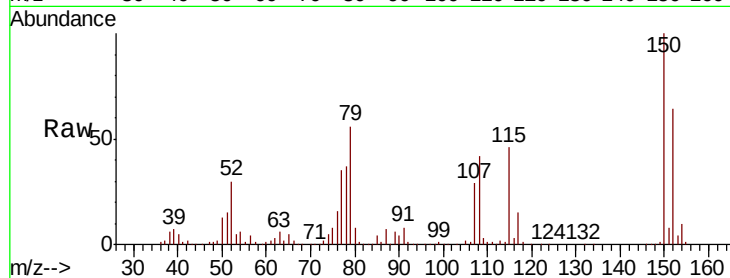
Tot Ion: 79 Resp: 384669

Ion Ratio Lower Upper

79 100

108 75.9 62.3 93.5

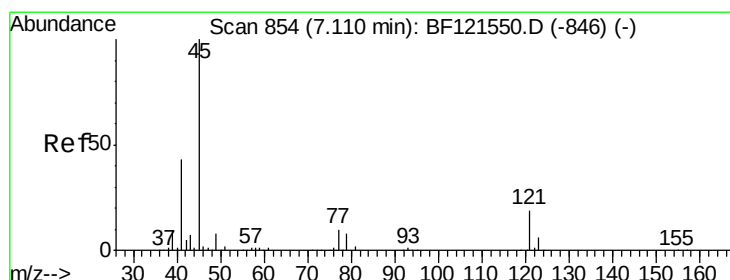
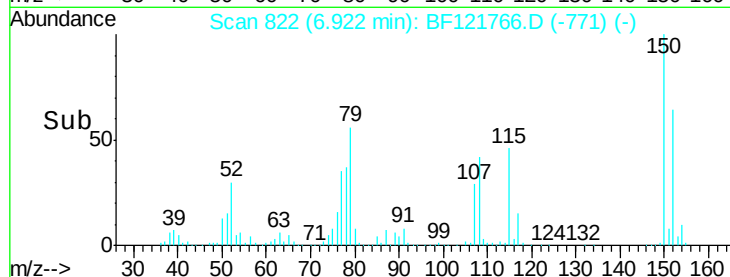
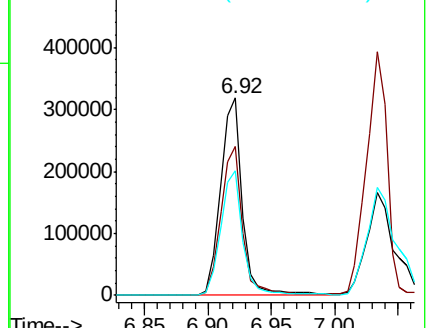
77 63.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.885 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

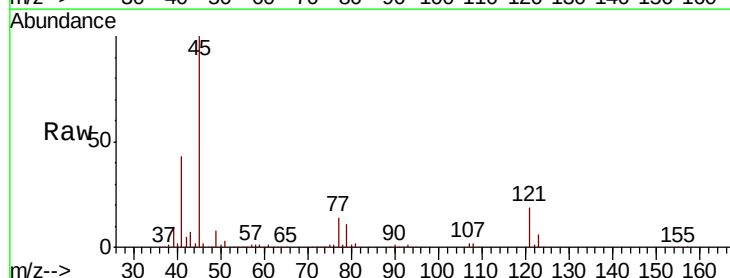
Tgt Ion: 45 Resp: 739578

Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.3

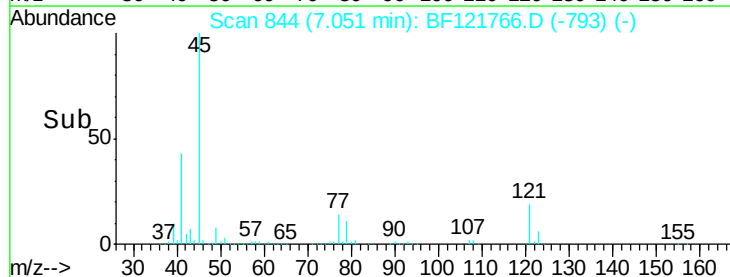
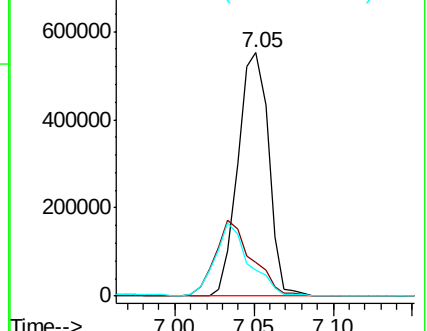
79 10.9 0.0 30.4

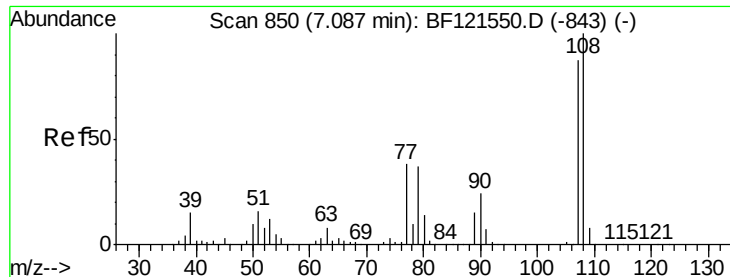


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

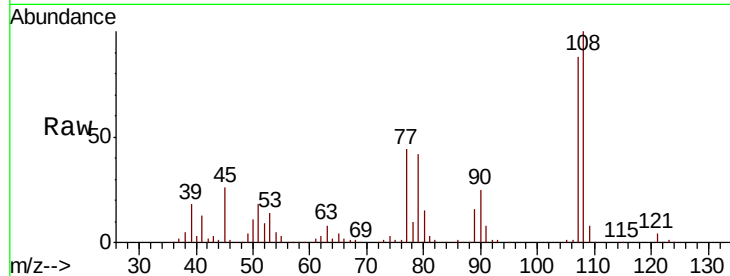




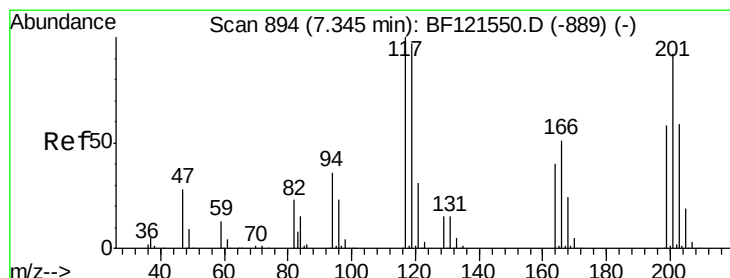
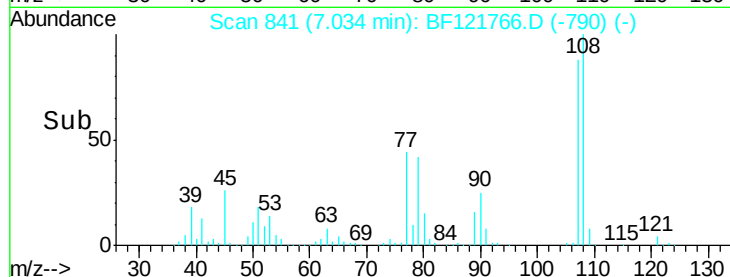
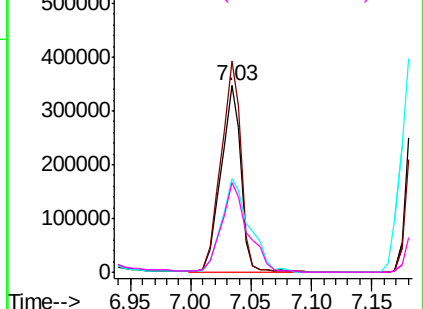
#17
2-Methylphenol
Concen: 43.542 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:	107	Resp:	393091
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.9	136.3
77	50.1	37.5	56.3
79	47.9	37.4	56.0

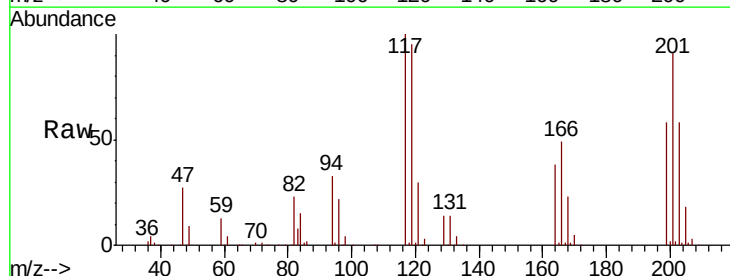


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

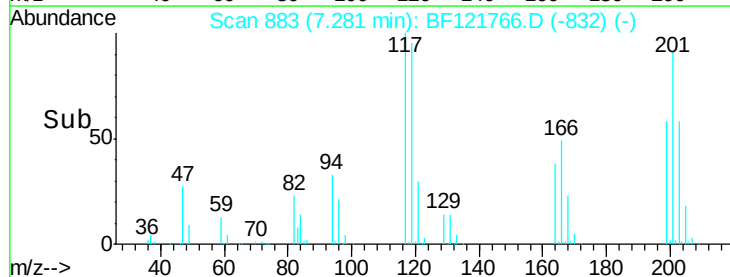
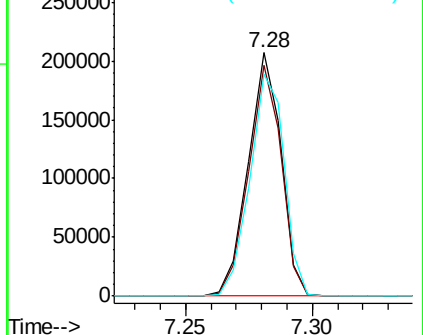


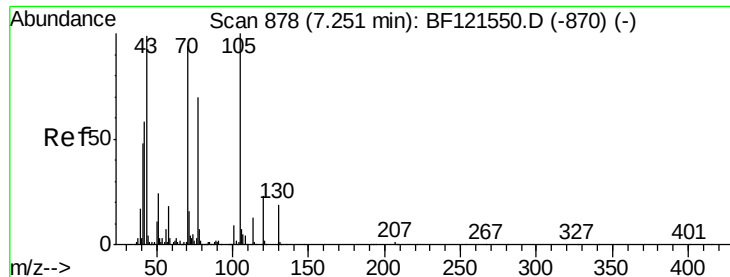
#18
Hexachloroethane
Concen: 44.026 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:	117	Resp:	187451
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.3	114.5
201	91.2	71.8	107.6



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

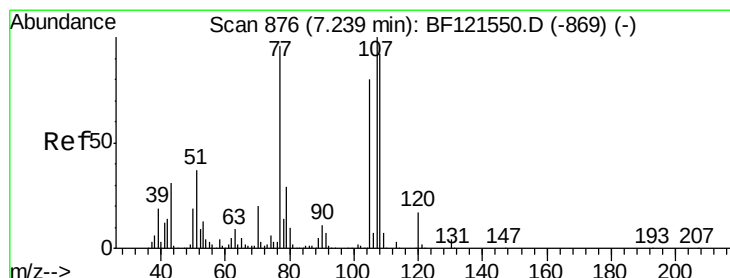
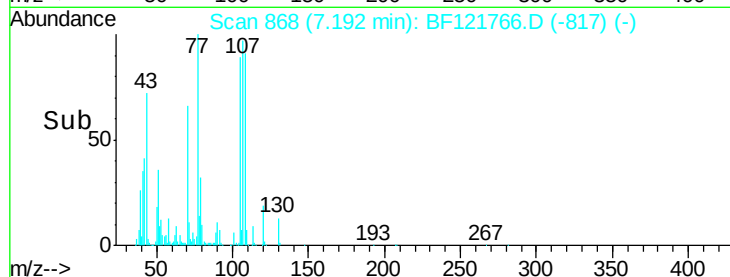
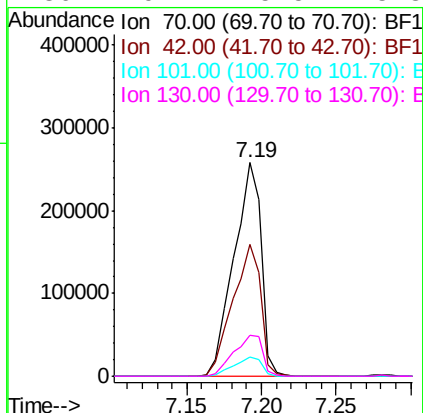
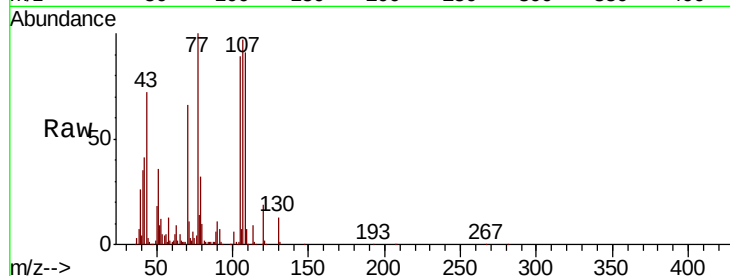




#19
n-Nitroso-di-n-propylamine
Concen: 41.899 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

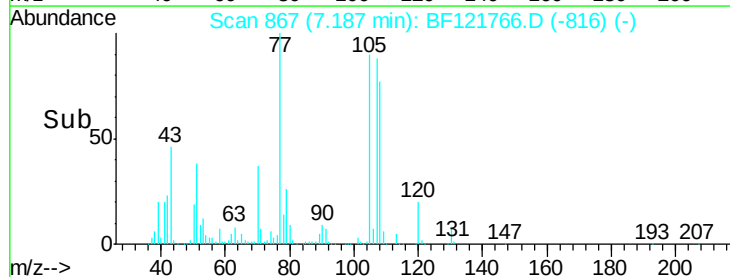
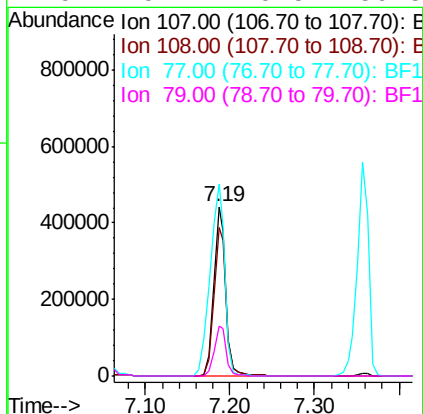
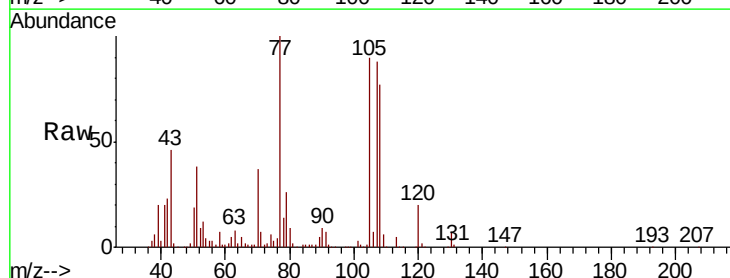
Instrument :
BNA_F
ClientSampleId :
PB132004BS

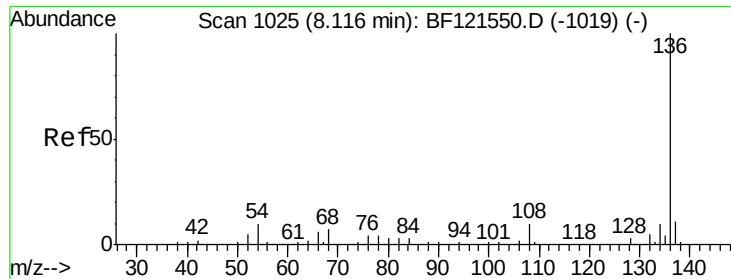
Tot Ion:	70	Resp:	330144
Ion	Ratio	Lower	Upper
70	100		
42	62.0	50.2	75.4
101	9.3	7.5	11.3
130	19.4	15.5	23.3



#20
3+4-Methylphenols
Concen: 41.752 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:	107	Resp:	452875
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.9	108.9
77	113.5	108.0	148.0
79	29.1	10.5	50.5

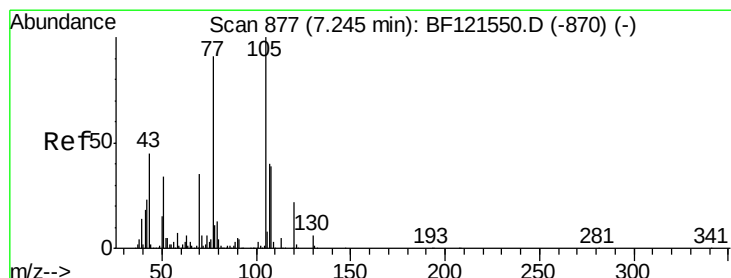
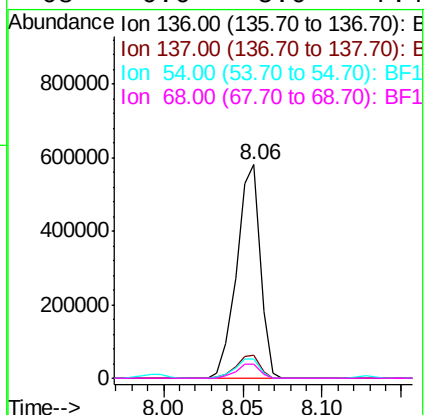
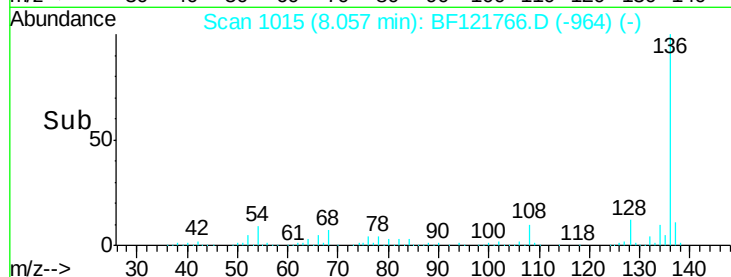
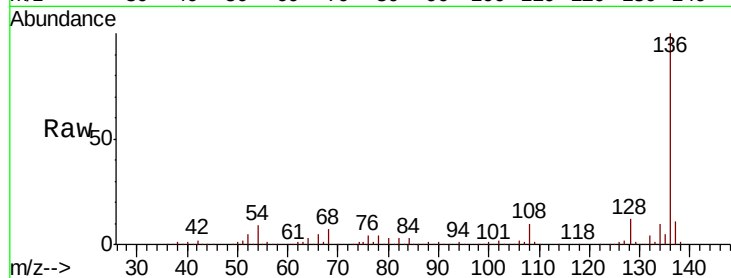




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

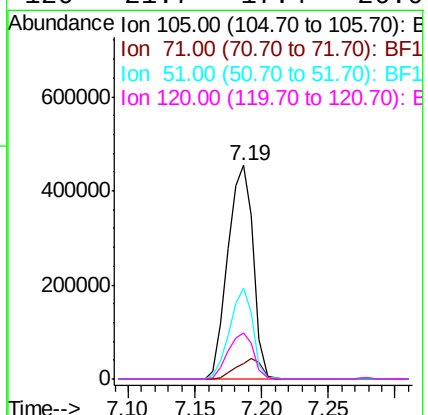
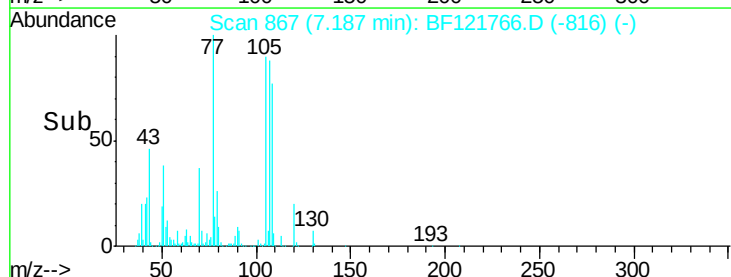
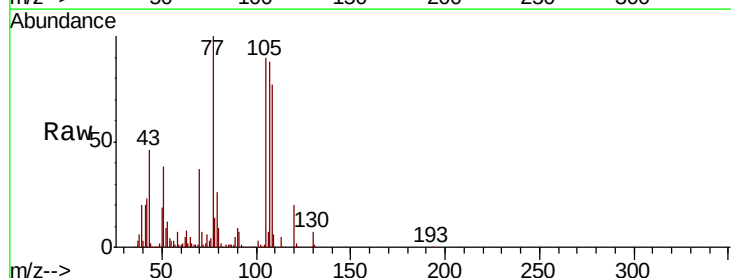
Instrument :
BNA_F
ClientSampleId :
PB132004BS

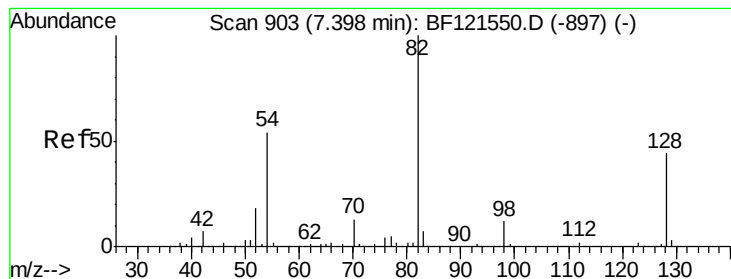
Tot Ion:136	Resp: 597793
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.7	7.1 10.7
68 6.6	5.0 7.4



#22
Acetophenone
Concen: 40.115 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt	Ion:105	Resp:	608433
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.3	7.9
51	42.6	33.2	49.8
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 100.099 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

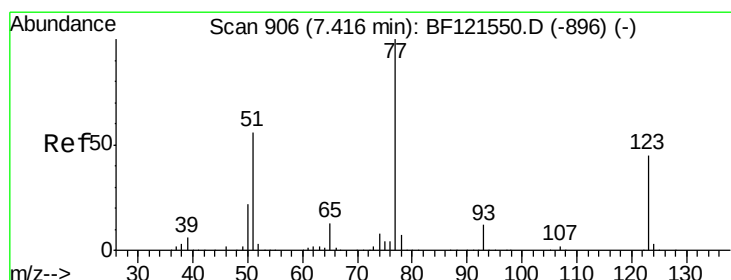
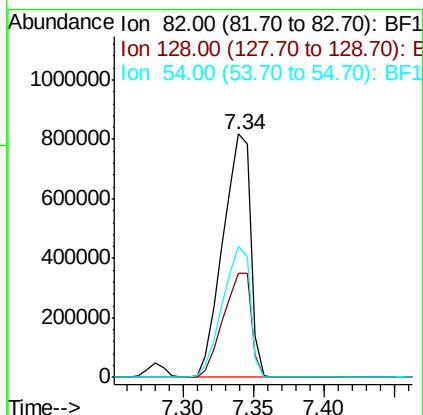
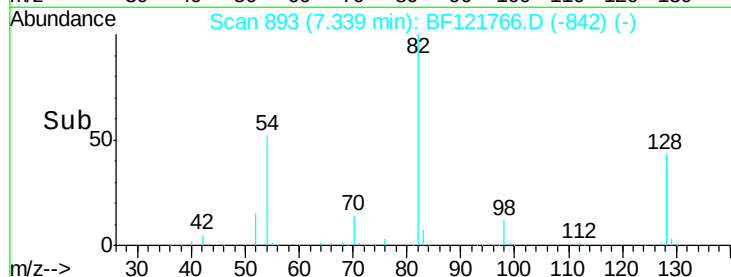
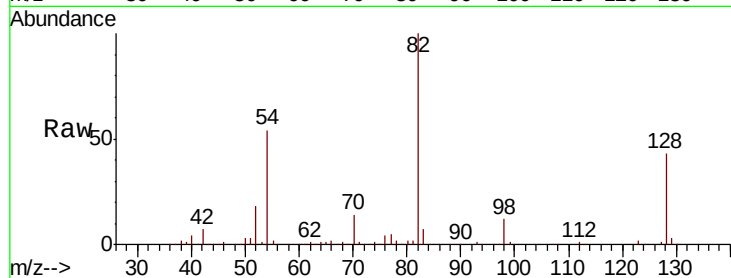
Tot Ion: 82 Resp: 1114486

Ion Ratio Lower Upper

82 100

128 42.7 35.0 52.4

54 53.9 43.9 65.9



#24

Nitrobenzene

Concen: 42.784 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

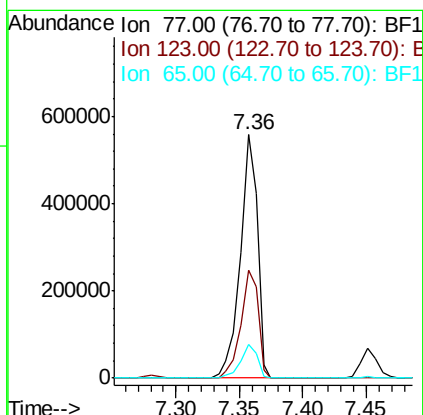
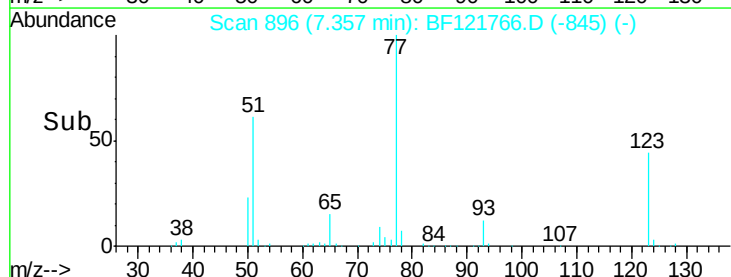
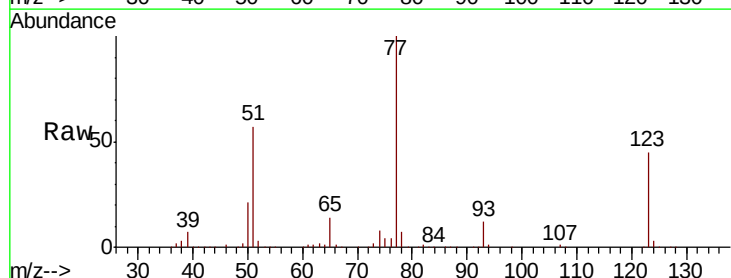
Tgt Ion: 77 Resp: 515196

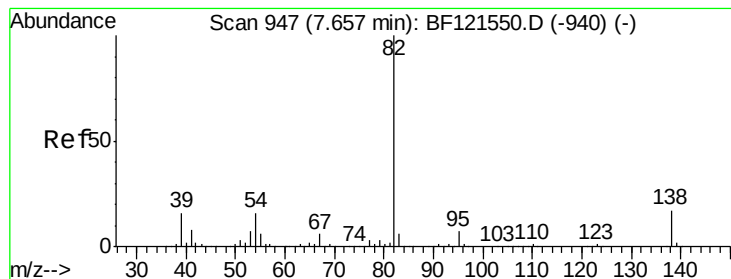
Ion Ratio Lower Upper

77 100

123 44.5 35.6 53.4

65 13.8 11.2 16.8





#25

Isophorone

Concen: 42.131 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

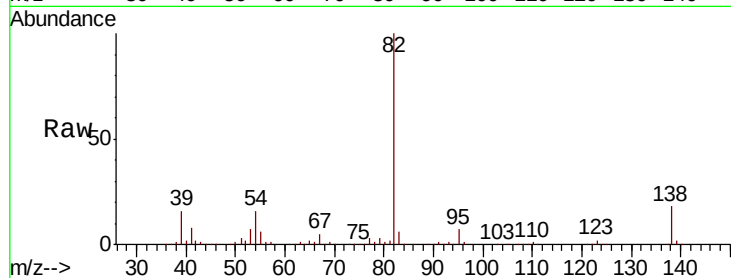
Tot Ion: 82 Resp: 944256

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

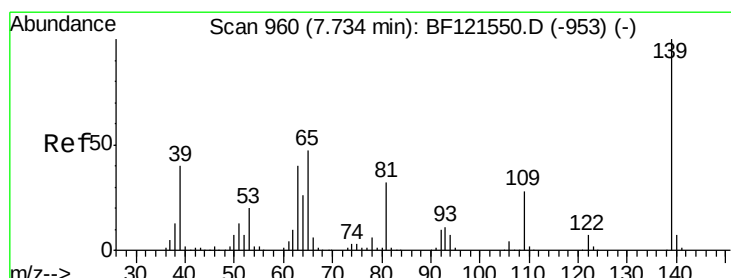
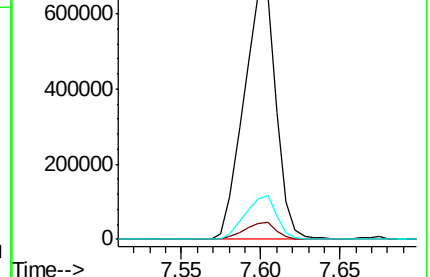
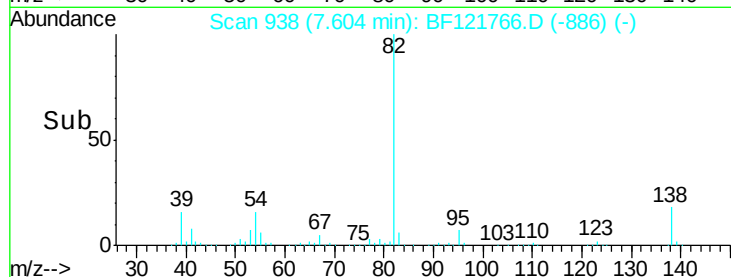
138 17.9 13.4 20.0



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: 44.707 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

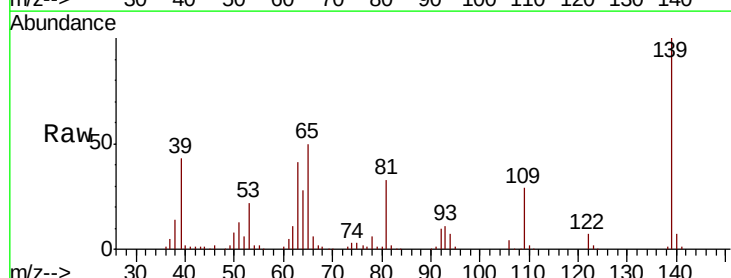
Tgt Ion: 139 Resp: 252392

Ion Ratio Lower Upper

139 100

109 28.6 23.0 34.4

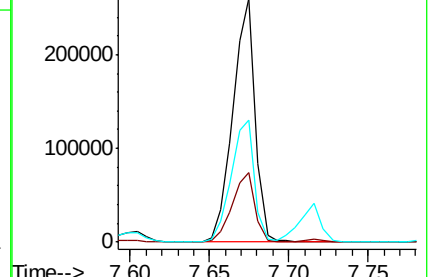
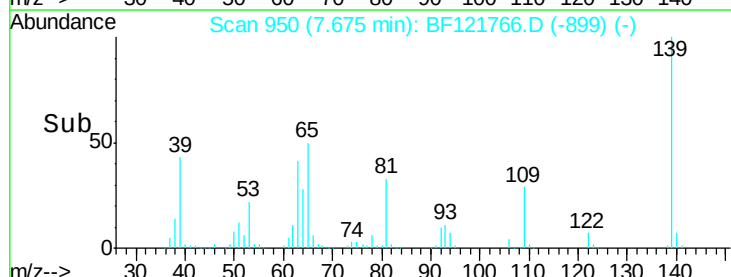
65 50.2 39.9 59.9

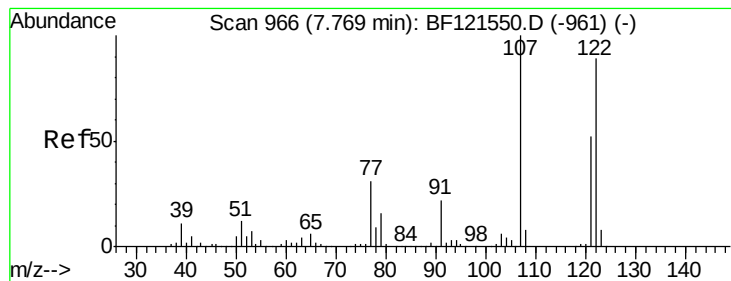


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.275 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

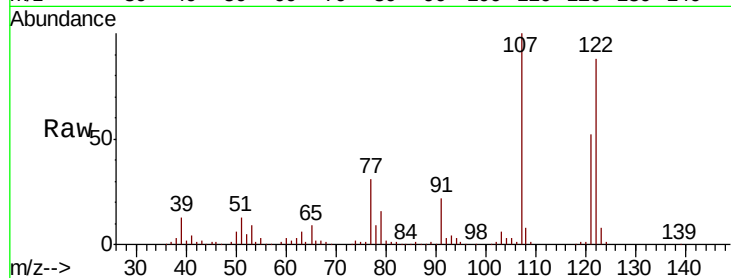
Tot Ion:122 Resp: 392923

Ion Ratio Lower Upper

122 100

107 113.7 90.8 136.2

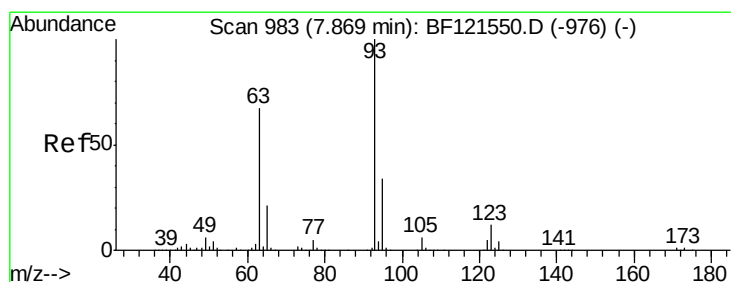
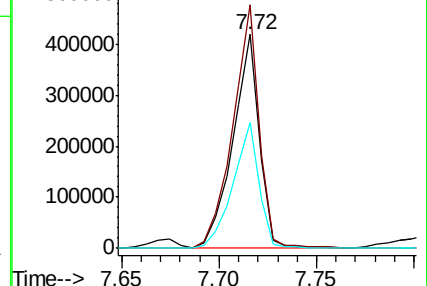
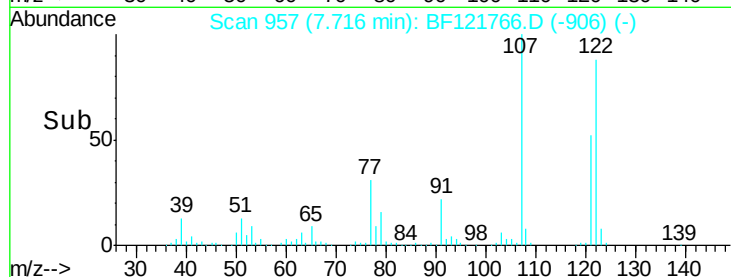
121 58.8 47.5 71.3



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: 42.626 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

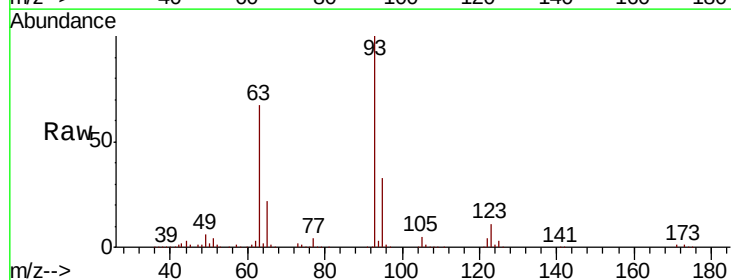
Tgt Ion: 93 Resp: 591439

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

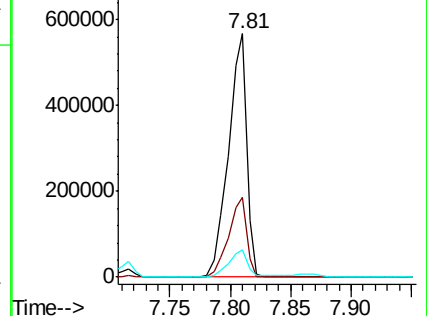
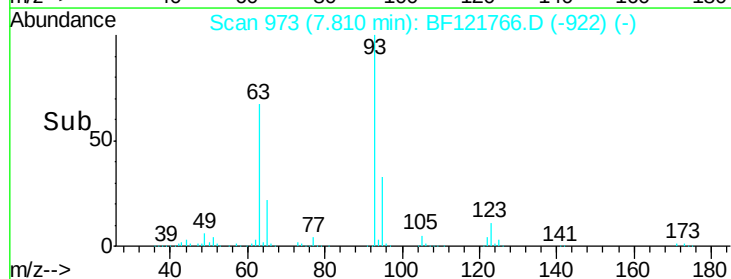
123 11.3 8.8 13.2

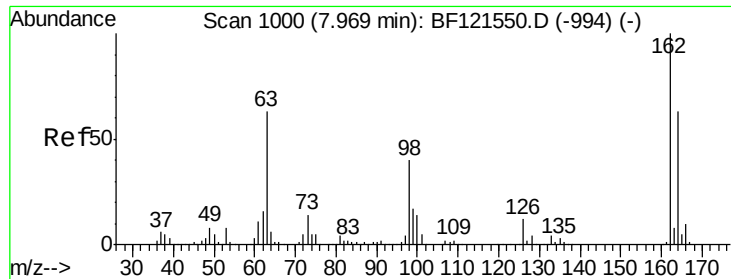


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

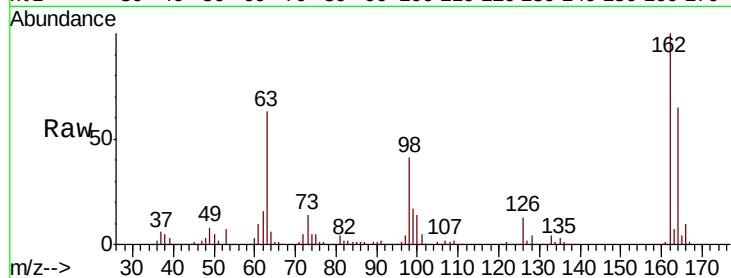




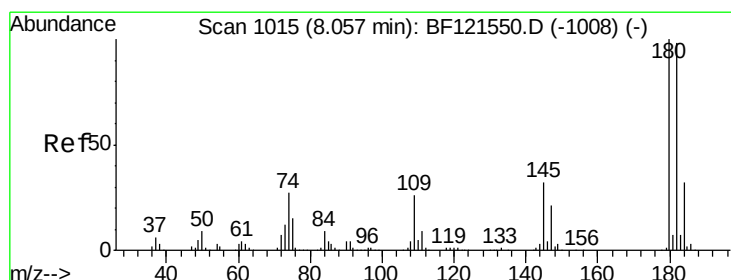
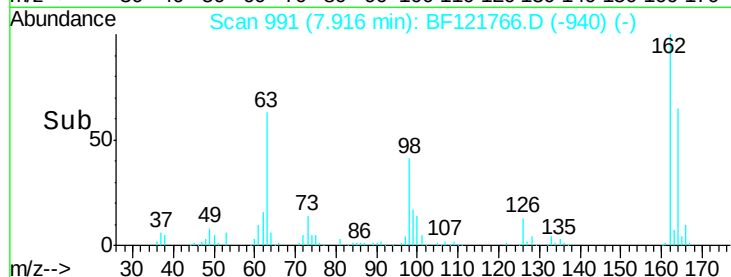
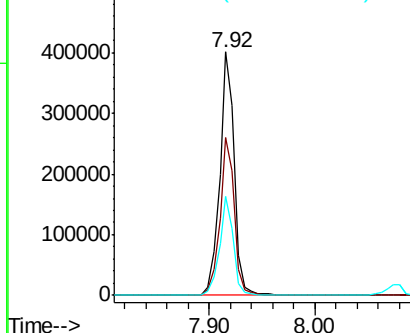
#29
 2,4-Dichlorophenol
 Concen: 42.612 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB132004BS

Tot Ion:162 Resp: 388288
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.5 82.5
 98 40.9 20.1 60.1

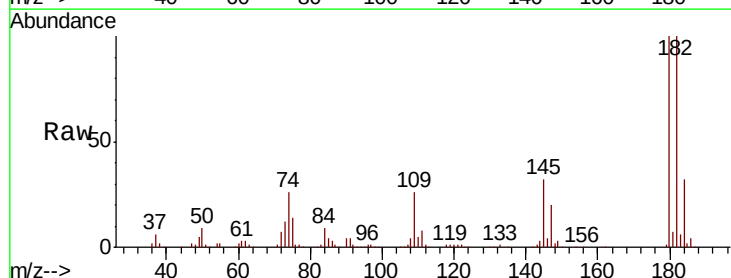


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

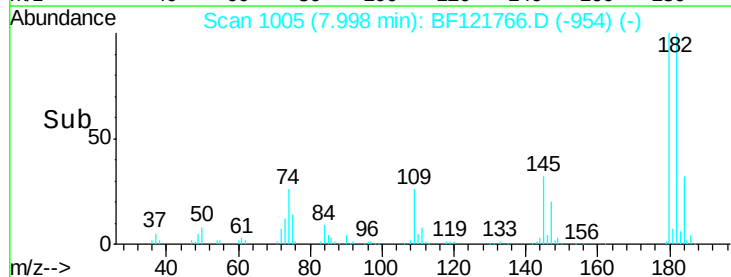
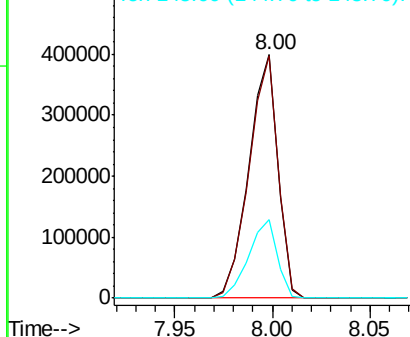


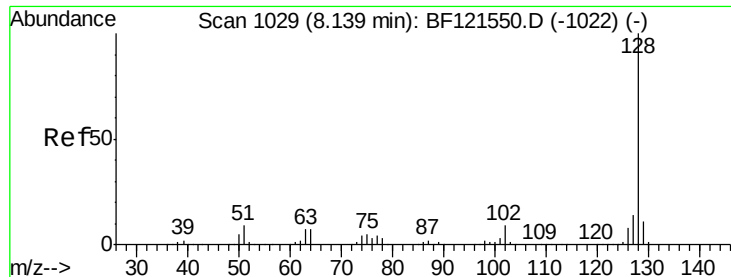
#30
 1,2,4-Trichlorobenzene
 Concen: 42.727 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion:180 Resp: 410043
 Ion Ratio Lower Upper
 180 100
 182 99.6 79.4 119.2
 145 32.2 25.5 38.3



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

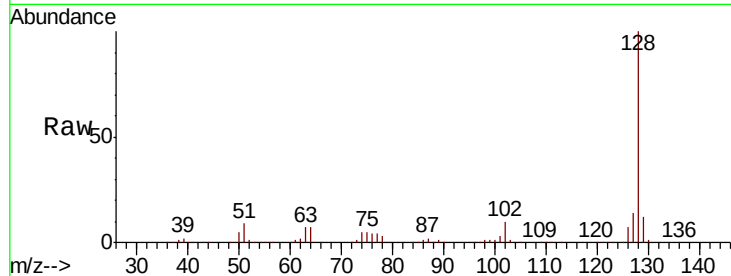




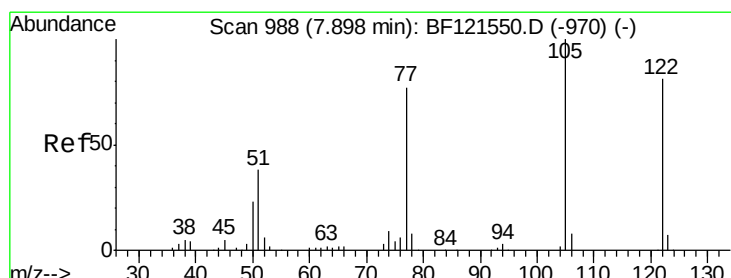
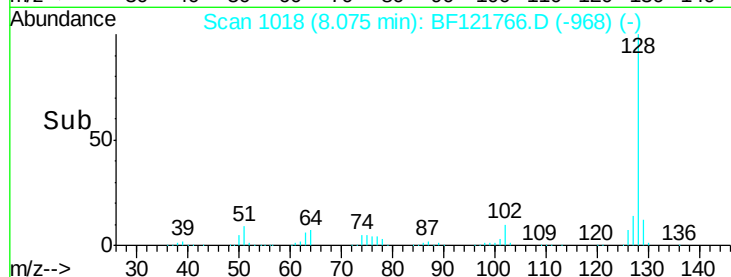
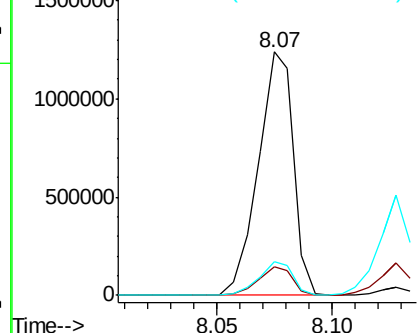
#31
Naphthalene
Concen: 41.577 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:128 Resp: 1312034
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.6 10.8 16.2

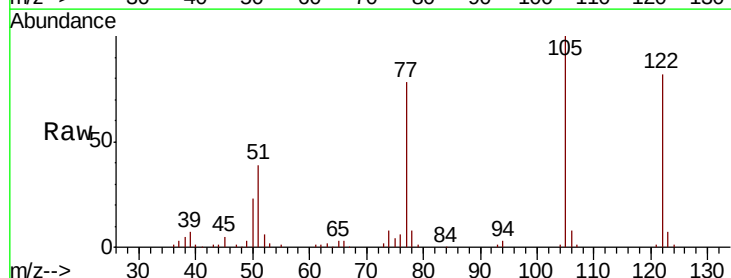


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

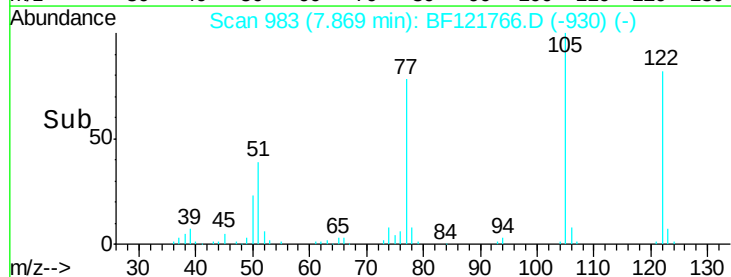
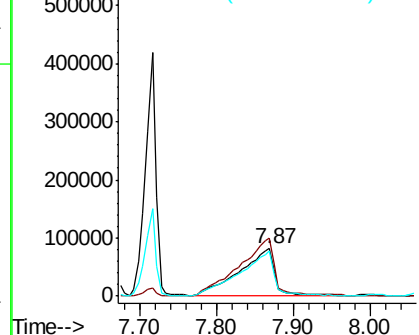


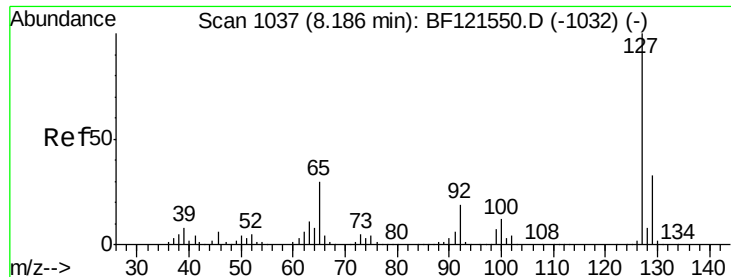
#32
Benzoic acid
Concen: 36.133 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:122 Resp: 254749
Ion Ratio Lower Upper
122 100
105 122.0 103.3 143.3
77 95.1 73.9 113.9



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

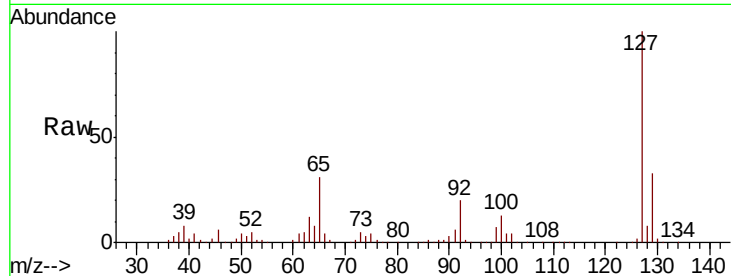




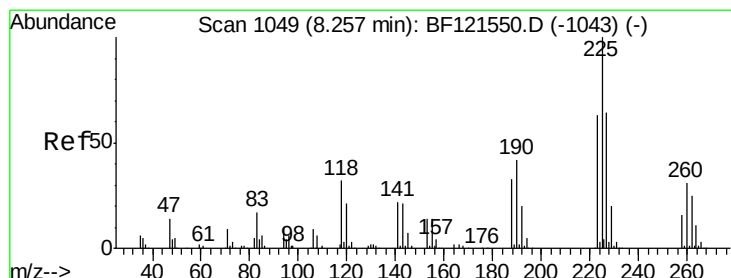
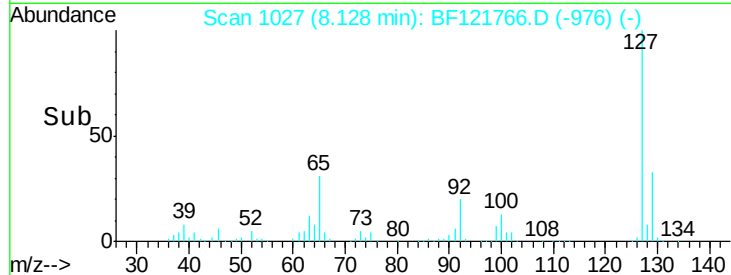
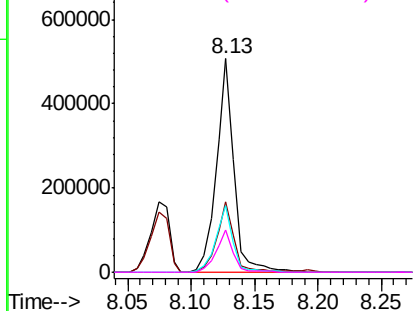
#33
4-Chloroaniline
Concen: 35.999 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:127	Resp:	492424
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.3 39.5
65	31.1	26.2 39.2
92	19.9	15.9 23.9

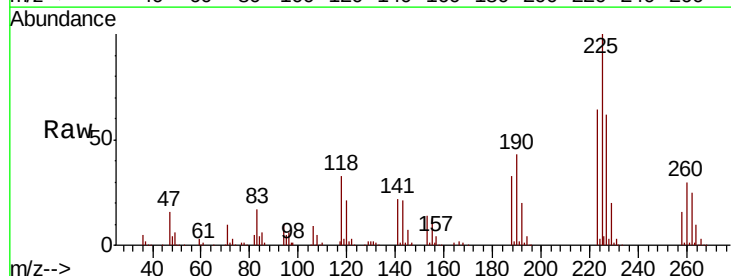


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

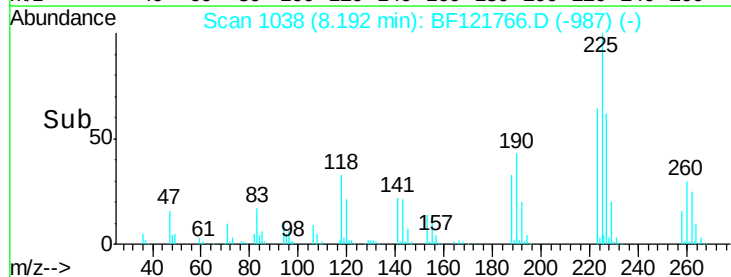
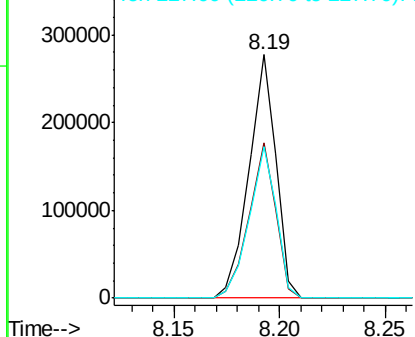


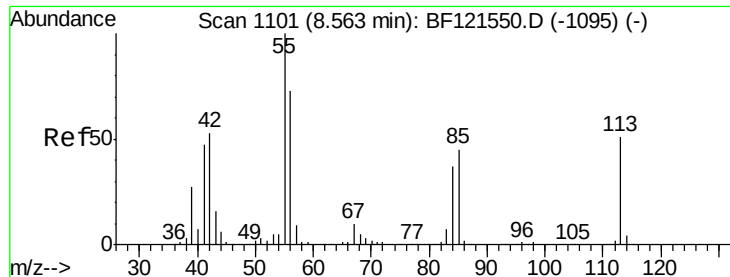
#34
Hexachlorobutadiene
Concen: 43.861 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:225	Resp:	247068
Ion Ratio	Lower	Upper
225	100	
223	63.7	51.1 76.7
227	62.1	51.0 76.6



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

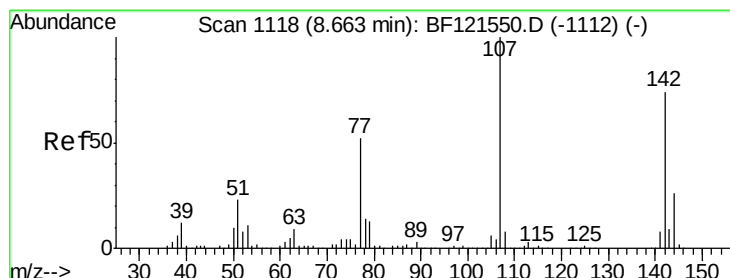
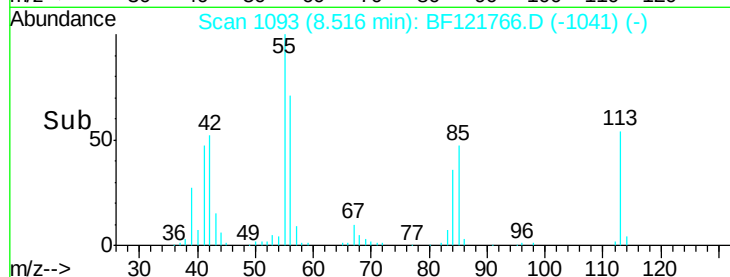
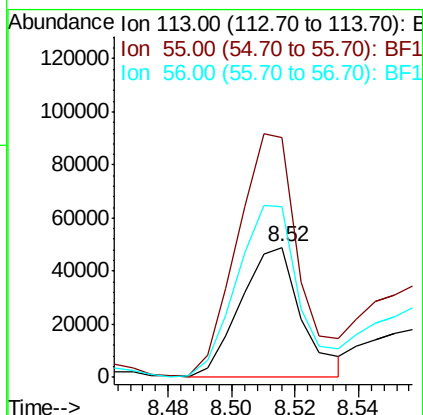
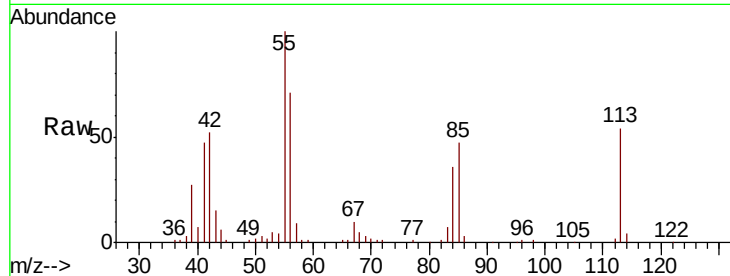




#35
Caprolactam
Concen: 21.475 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

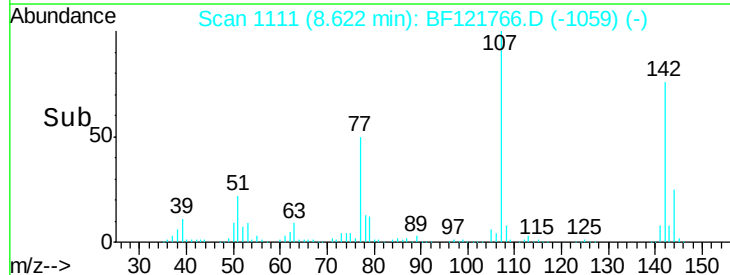
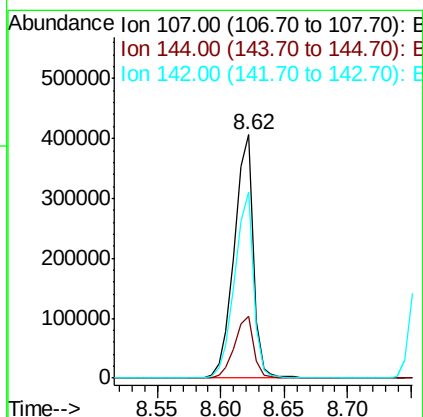
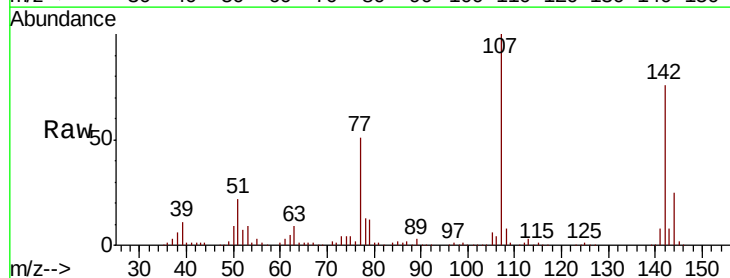
Instrument :
BNA_F
ClientSampleId :
PB132004BS

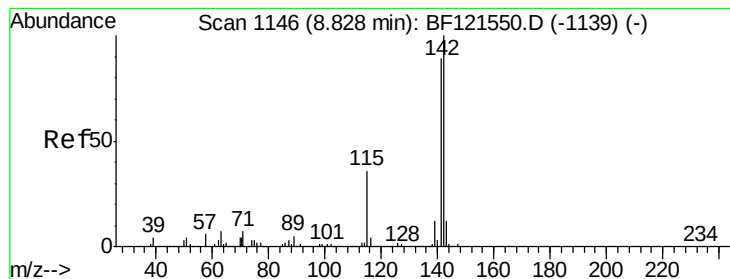
Tot Ion:113 Resp: 65164
Ion Ratio Lower Upper
113 100
55 185.2 167.5 207.5
56 132.0 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 42.967 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:107 Resp: 421761
Ion Ratio Lower Upper
107 100
144 25.4 20.1 30.1
142 76.3 59.3 88.9





#37

2-Methylnaphthalene

Concen: 41.795 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

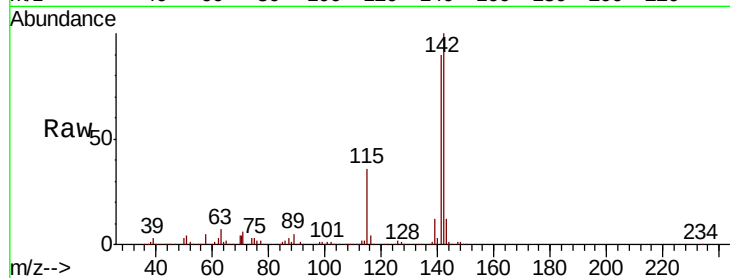
Tot Ion:142 Resp: 864337

Ion Ratio Lower Upper

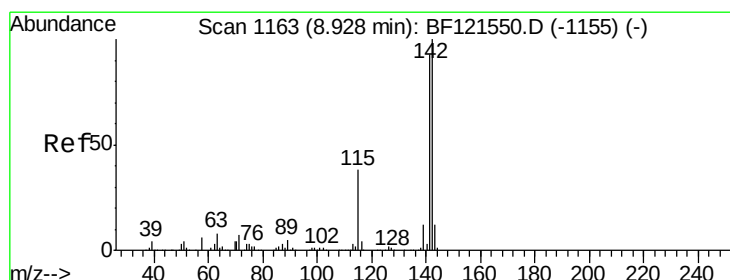
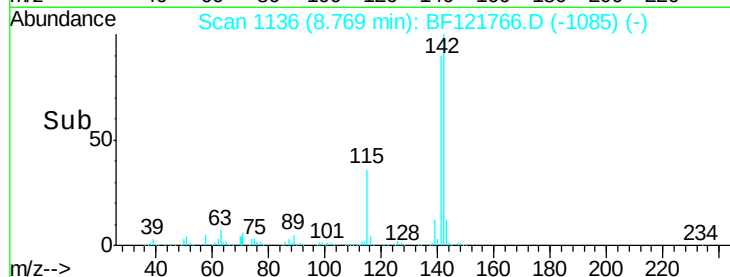
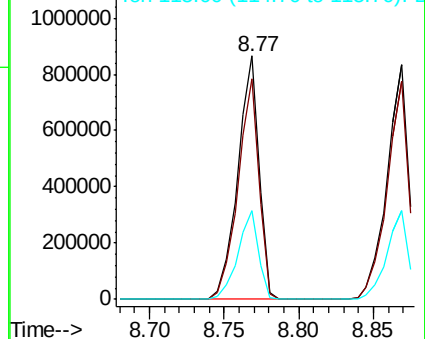
142 100

141 90.4 70.2 105.4

115 36.5 28.6 43.0



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



#38

1-Methylnaphthalene

Concen: 42.461 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

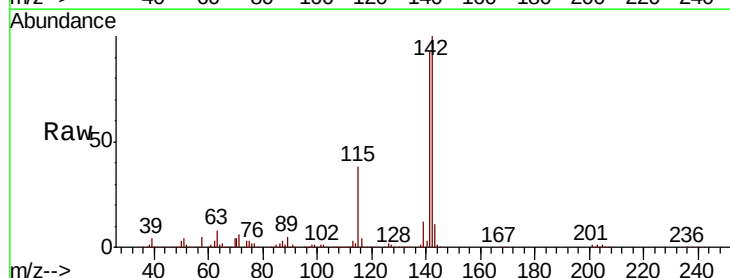
Tgt Ion:142 Resp: 817242

Ion Ratio Lower Upper

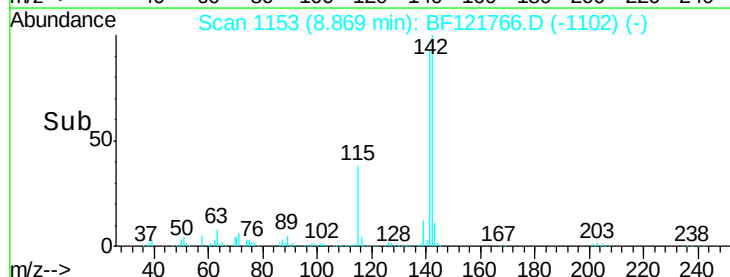
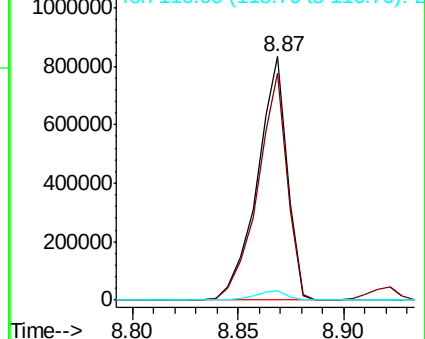
142 100

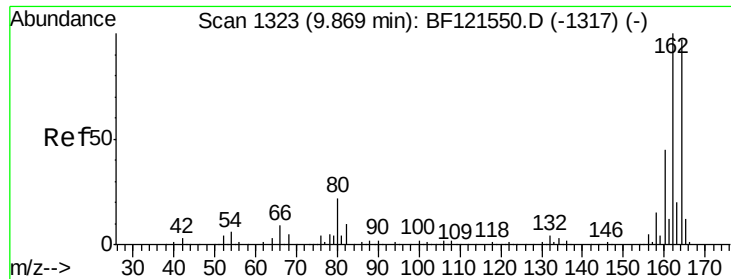
141 93.0 74.5 111.7

116 3.8 3.2 4.8



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: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

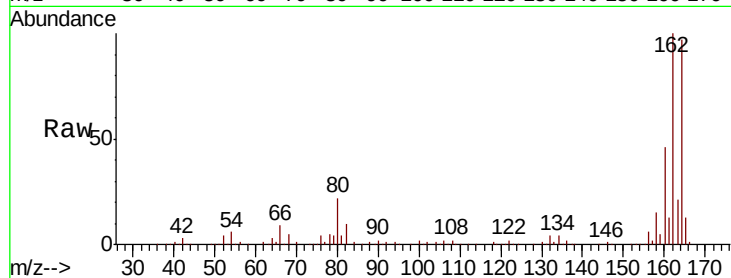
Tot Ion:164 Resp: 308531

Ion Ratio Lower Upper

164 100

162 103.2 83.2 124.8

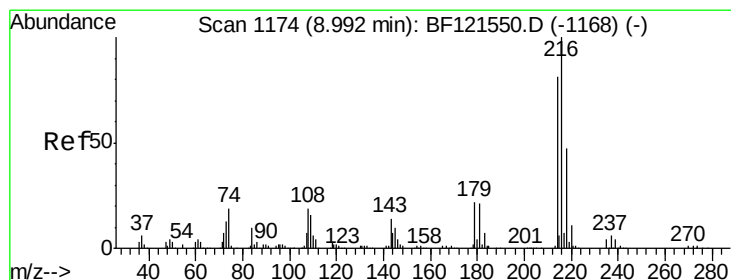
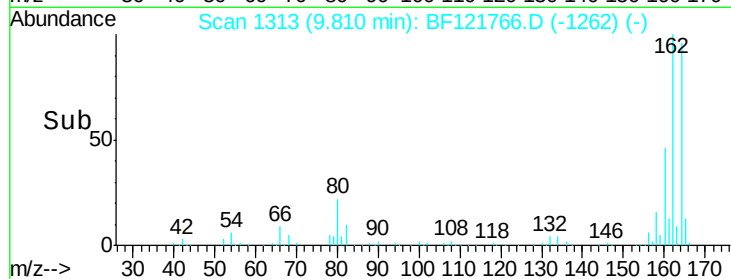
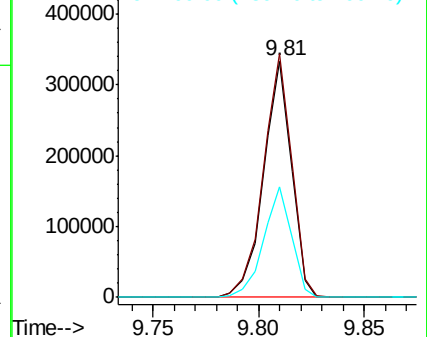
160 47.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.489 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:216 Resp: 399854

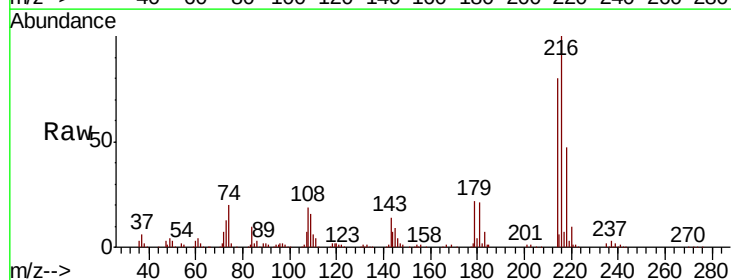
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 20.7 17.0 25.6

108 20.6 15.5 23.3

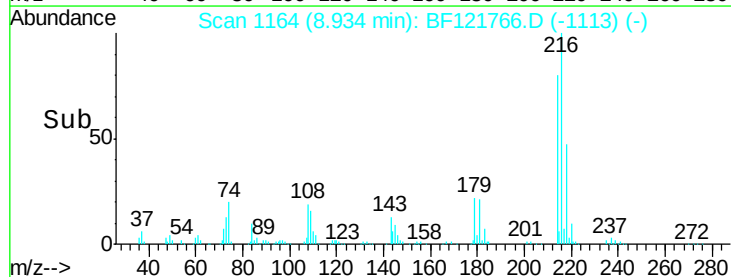
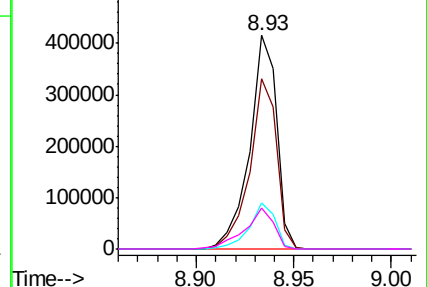


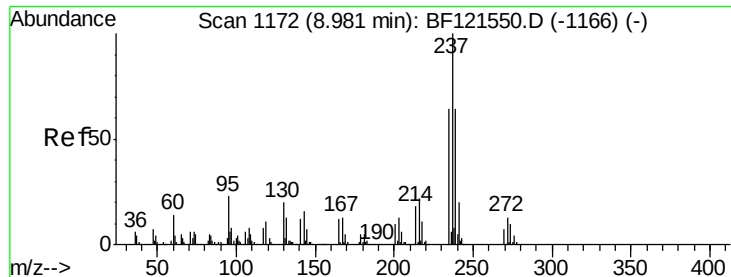
Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.738 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

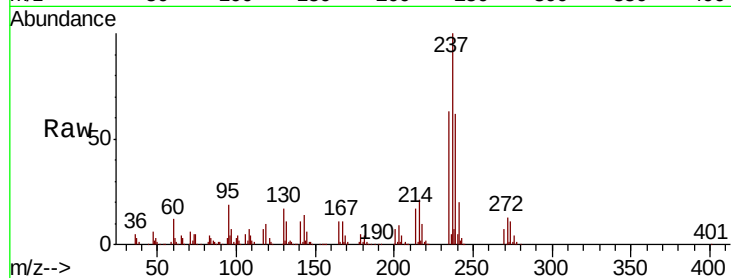
Tot Ion:237 Resp: 356300

Ion Ratio Lower Upper

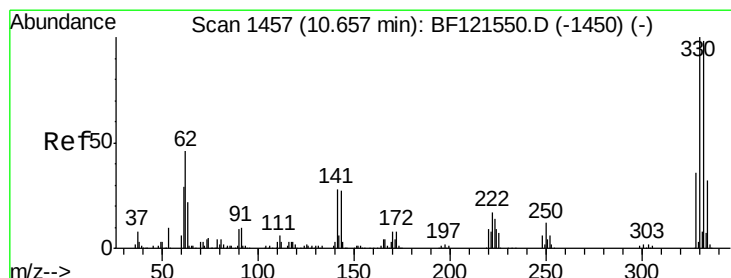
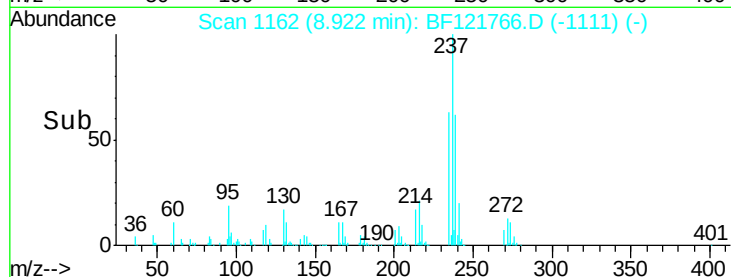
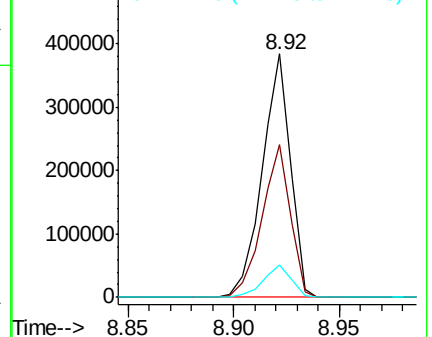
237 100

235 62.8 41.8 81.8

272 13.5 0.0 33.5



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: 142.567 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

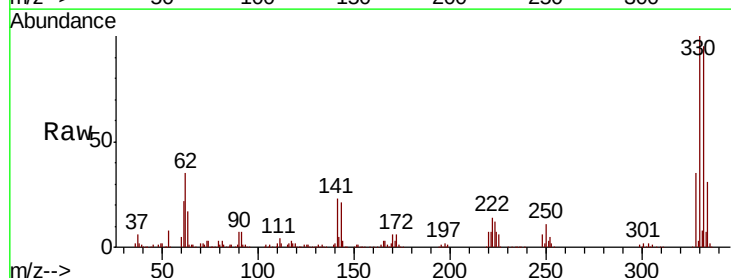
Tgt Ion:330 Resp: 546692

Ion Ratio Lower Upper

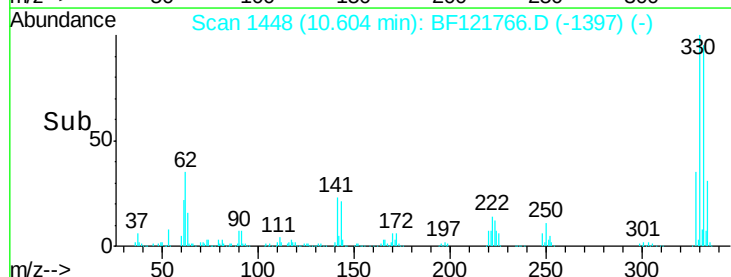
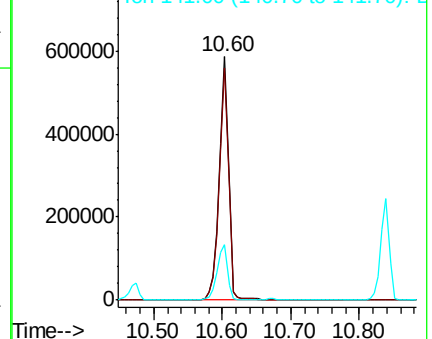
330 100

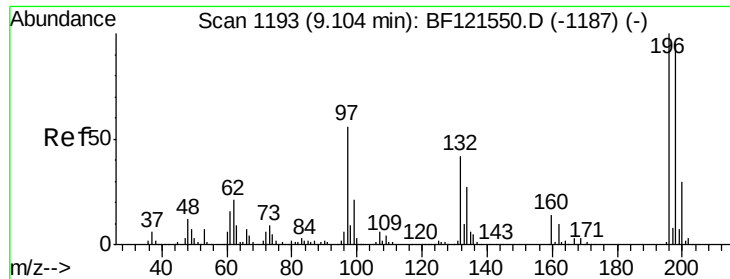
332 95.7 77.3 115.9

141 25.7 22.3 33.5



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

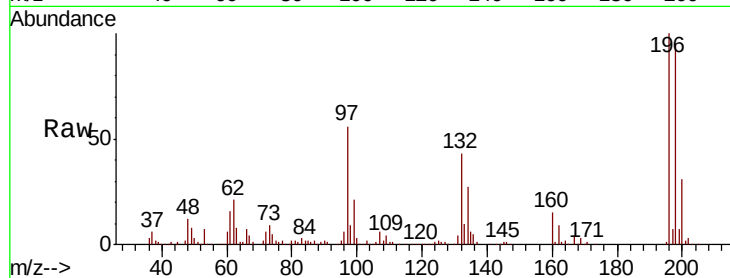




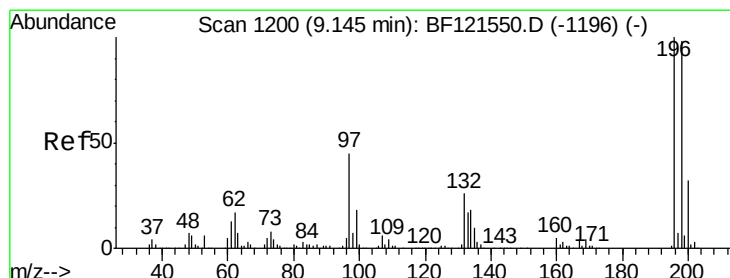
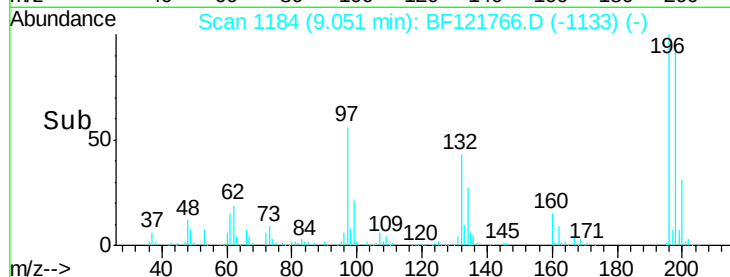
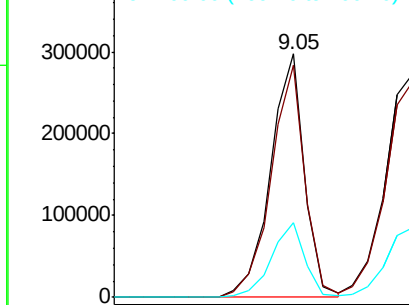
#43
 2,4,6-Trichlorophenol
 Concen: 42.450 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion:196 Resp: 278856
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.8 113.6
 200 30.5 24.6 36.8

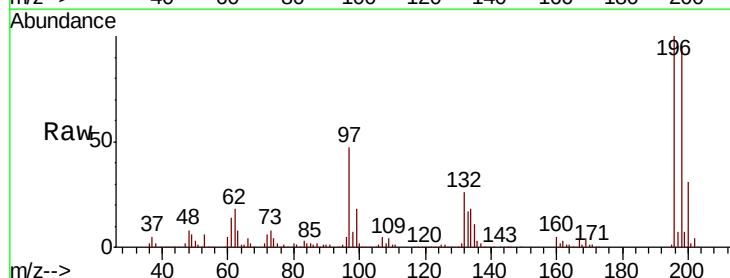


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

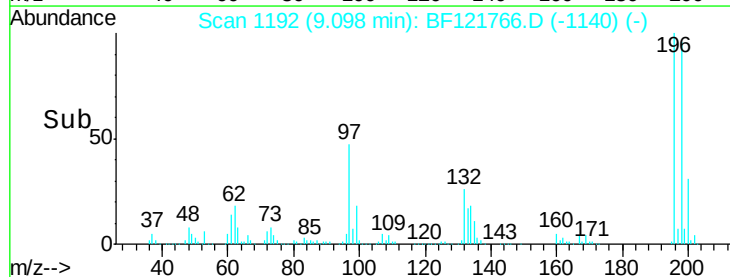
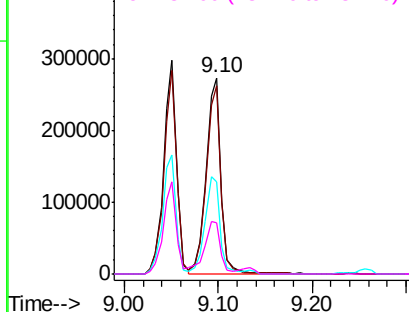


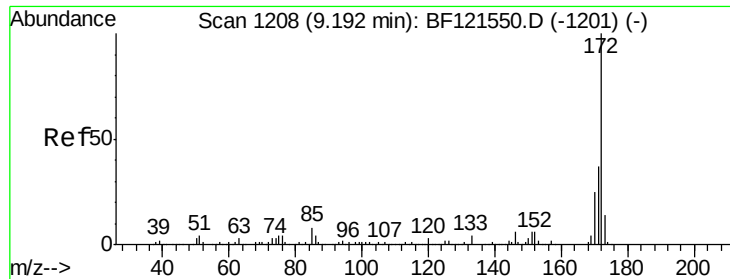
#44
 2,4,5-Trichlorophenol
 Concen: 43.201 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion:196 Resp: 300009
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 97 46.7 41.0 61.6
 132 26.3 22.4 33.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

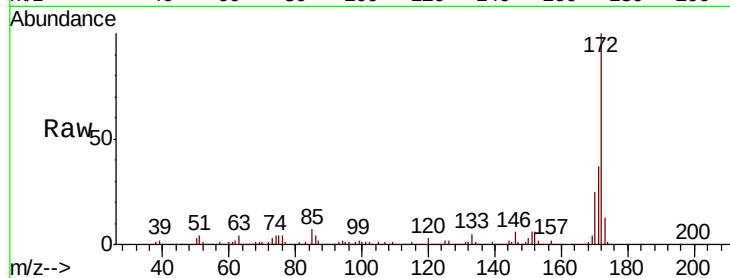




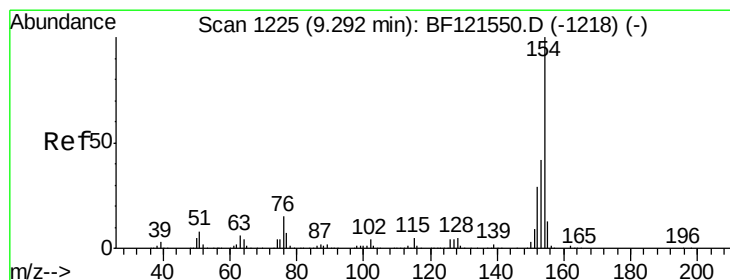
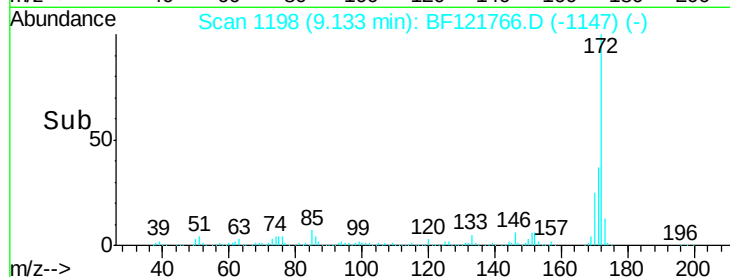
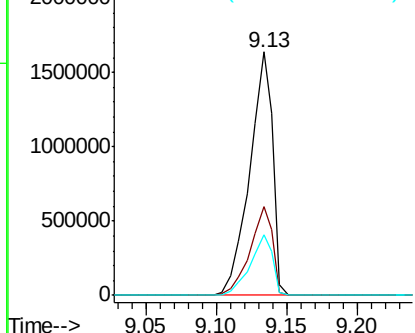
#45
2-Fluorobiphenyl
Concen: 91.714 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:172 Resp: 1868350
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.7 19.8 29.6

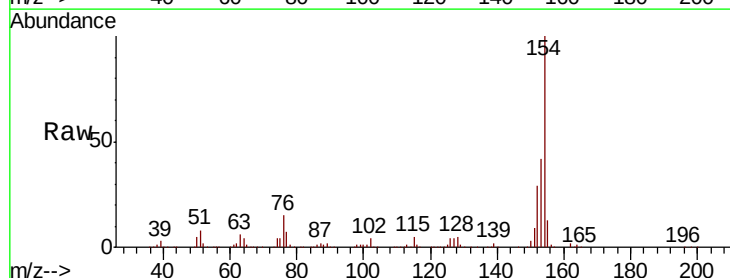


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

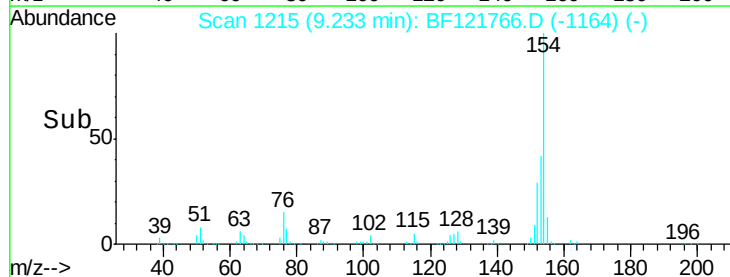
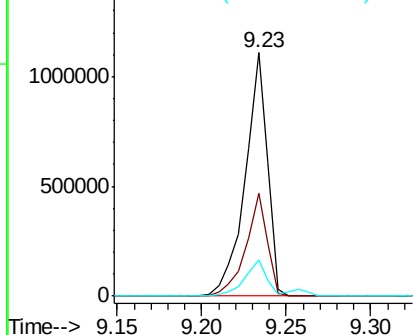


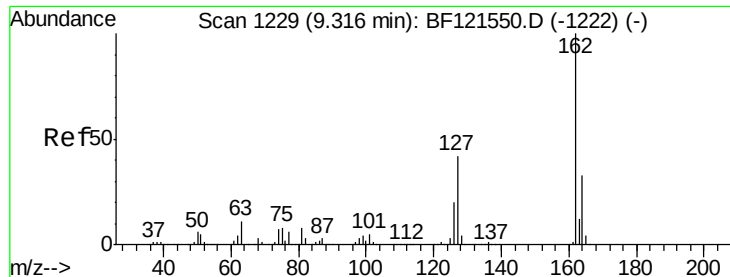
#46
1,1'-Biphenyl
Concen: 41.315 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:154 Resp: 1020468
Ion Ratio Lower Upper
154 100
153 42.0 21.3 61.3
76 14.6 0.0 34.7



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

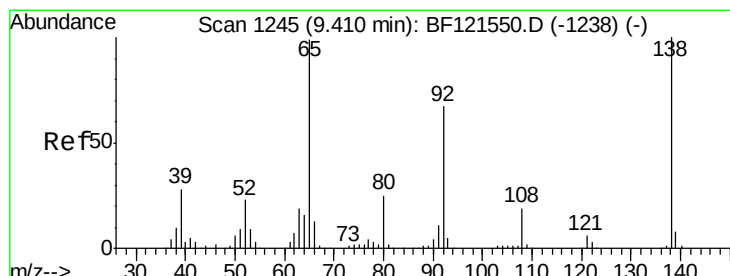
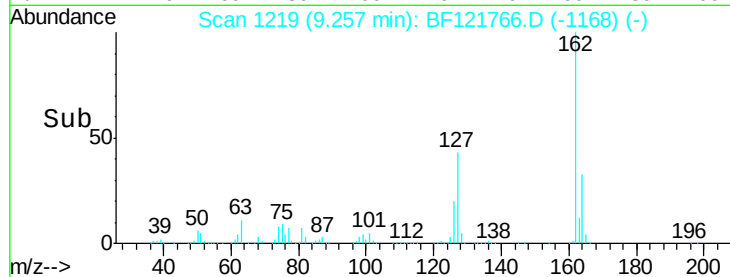
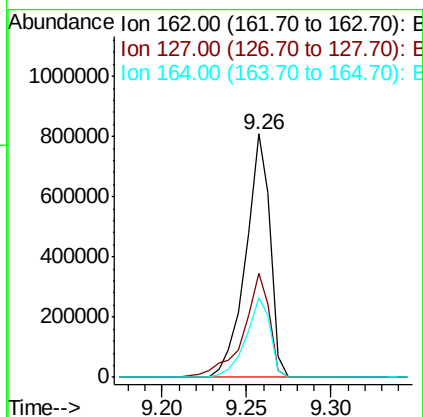
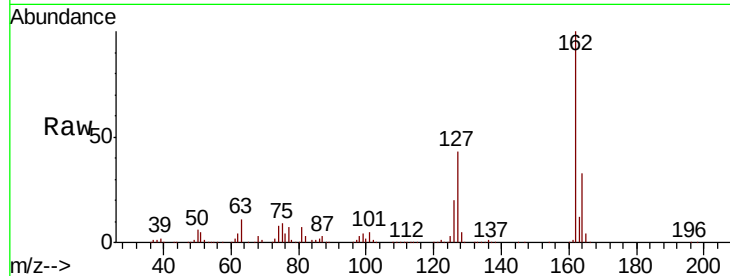




#47
 2-Chloronaphthalene
 Concen: 41.775 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

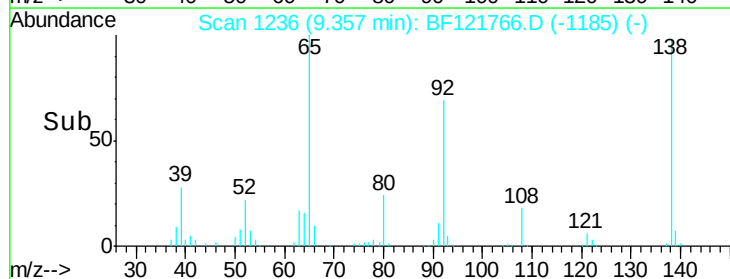
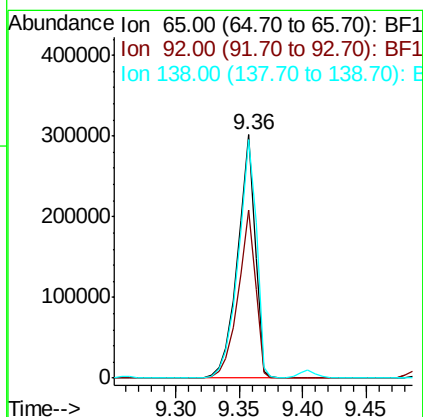
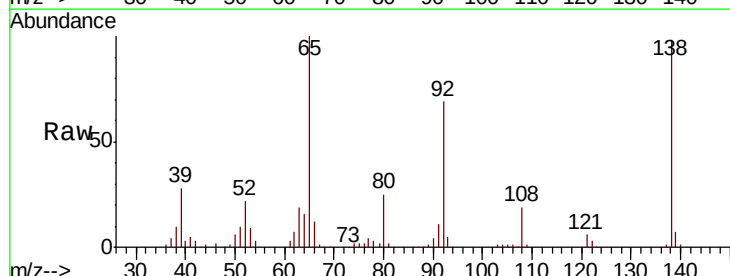
Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

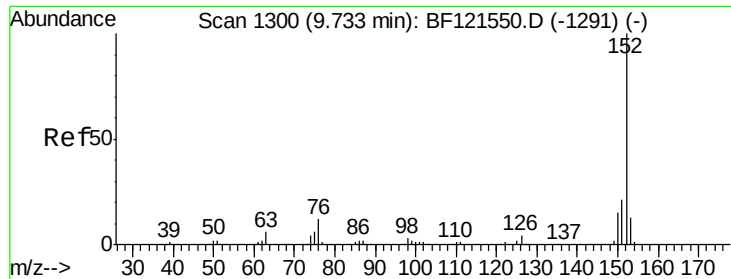
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.4	51.6
164	32.9	26.3	39.5



#48
 2-Nitroaniline
 Concen: 47.152 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.1	82.7
138	97.9	80.5	120.7





#49

Acenaphthylene

Concen: 41.830 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

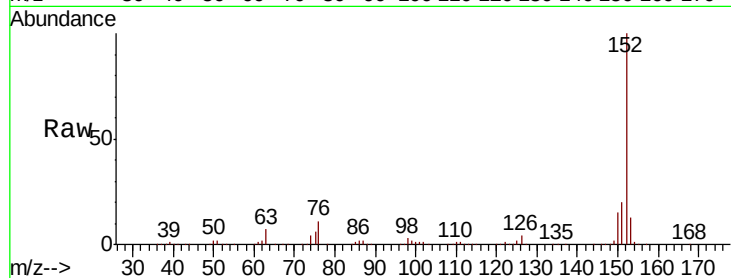
Tot Ion:152 Resp: 1250971

Ion Ratio Lower Upper

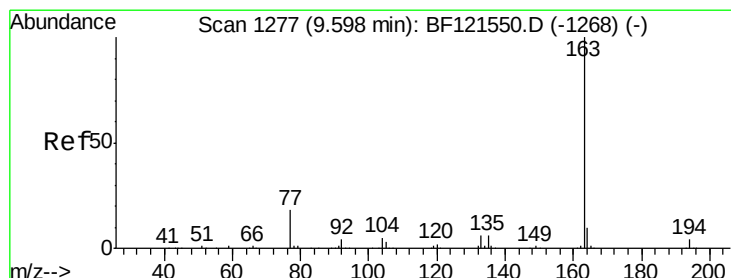
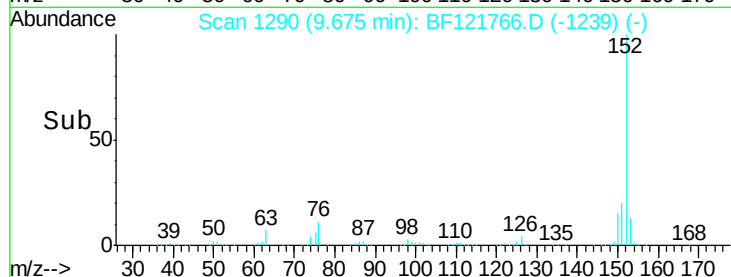
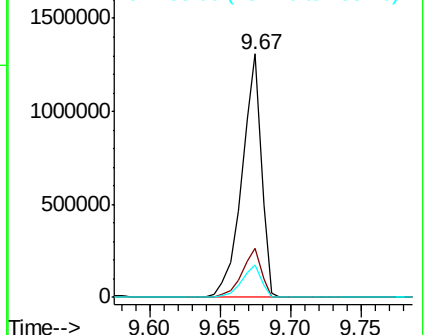
152 100

151 20.4 16.4 24.6

153 13.3 10.6 15.8



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



#50

Dimethylphthalate

Concen: 44.011 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

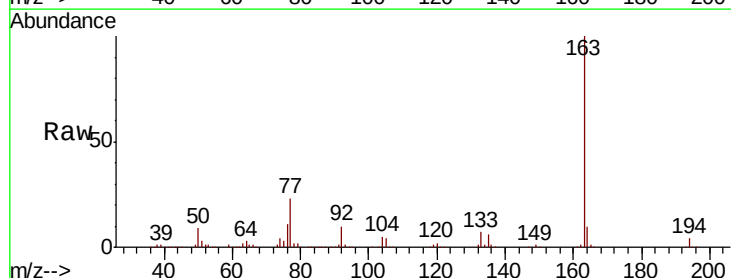
Tgt Ion:163 Resp: 984161

Ion Ratio Lower Upper

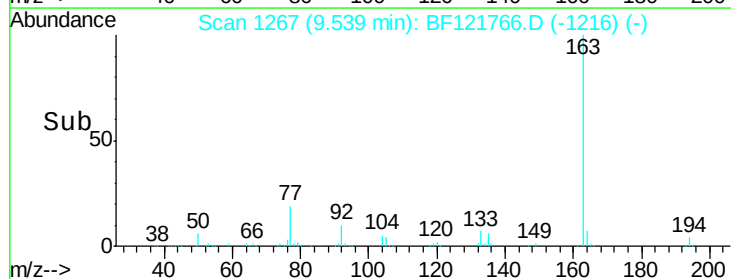
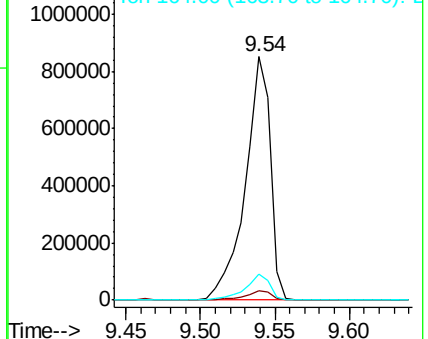
163 100

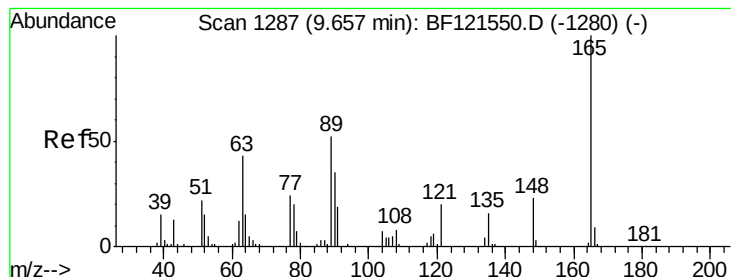
194 4.1 3.3 4.9

164 10.5 8.2 12.4



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: 46.332 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

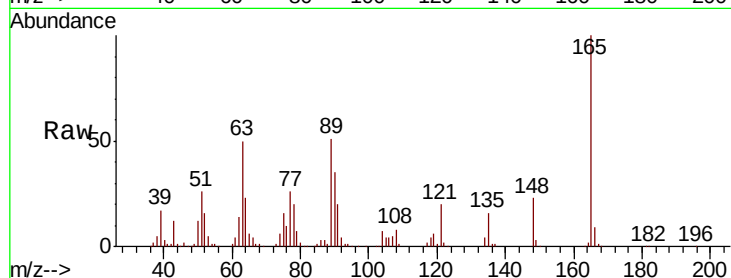
Tot Ion:165 Resp: 220649

Ion Ratio Lower Upper

165 100

63 50.0 51.8 77.6#

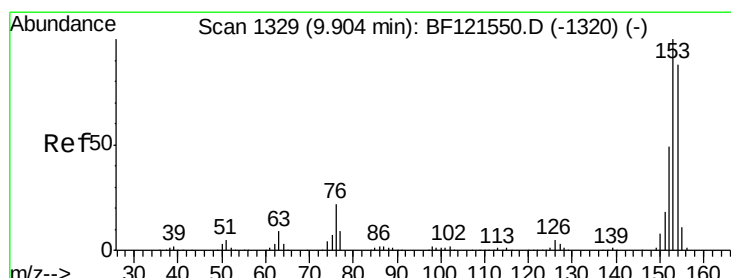
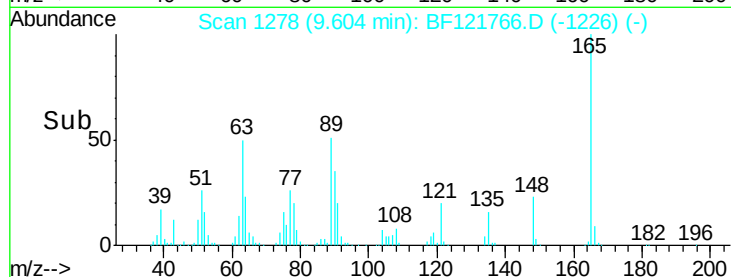
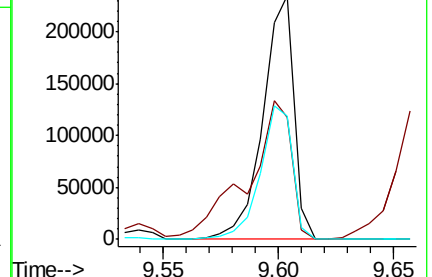
89 50.8 49.0 73.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.322 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

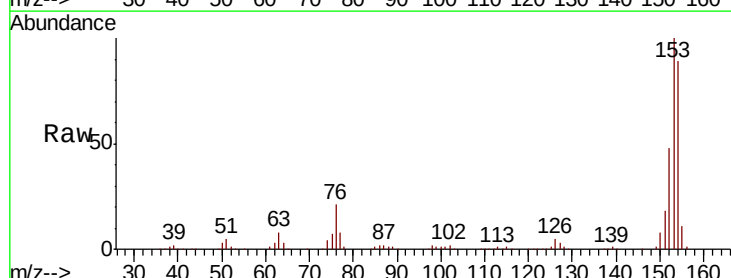
Tgt Ion:154 Resp: 742752

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.8

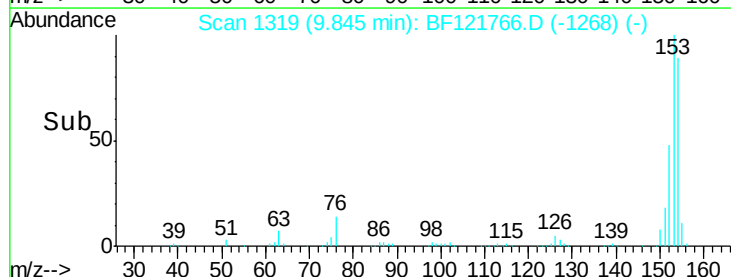
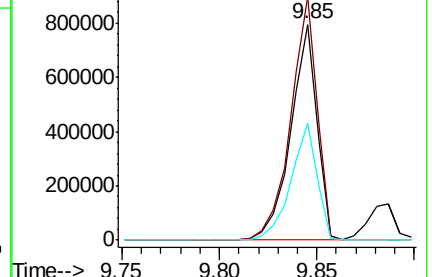
152 54.1 43.2 64.8

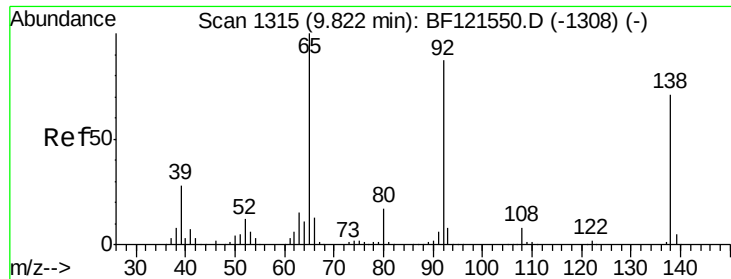


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

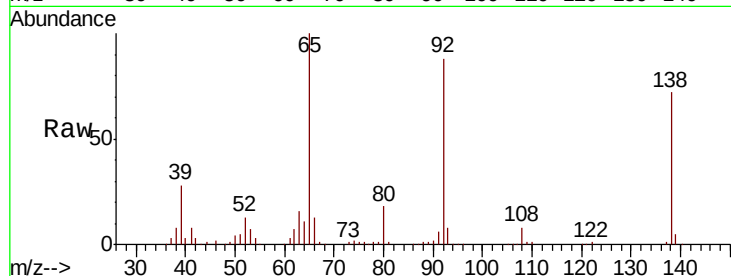




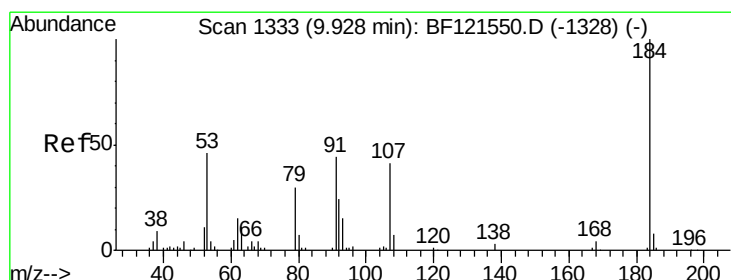
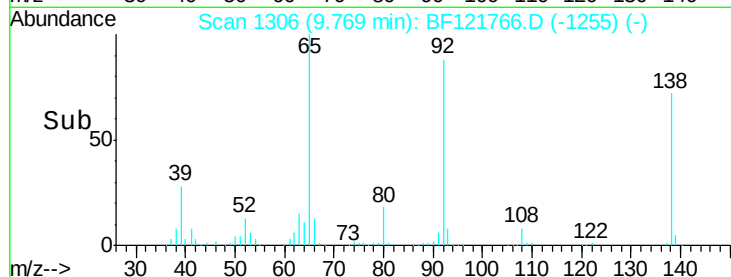
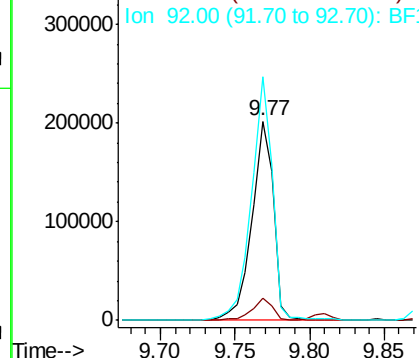
#53
3-Nitroaniline
Concen: 36.249 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:138 Resp: 199981
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 122.5 96.6 144.8

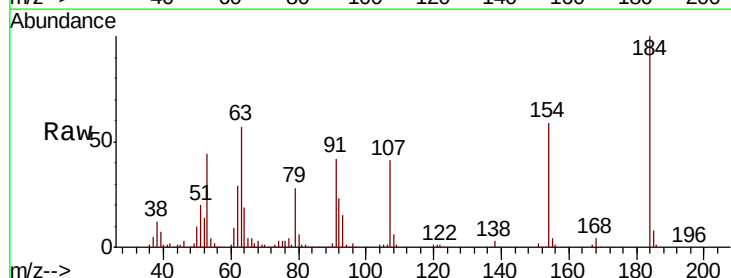


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

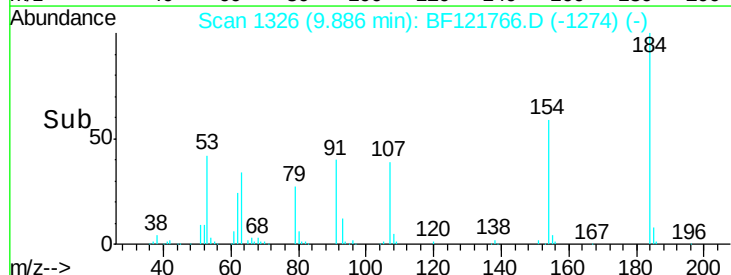
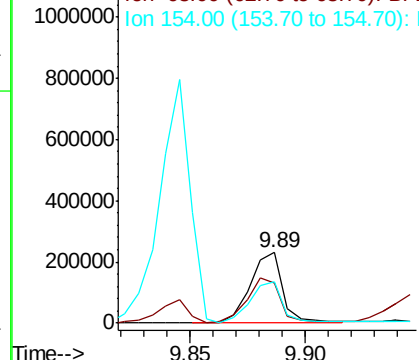


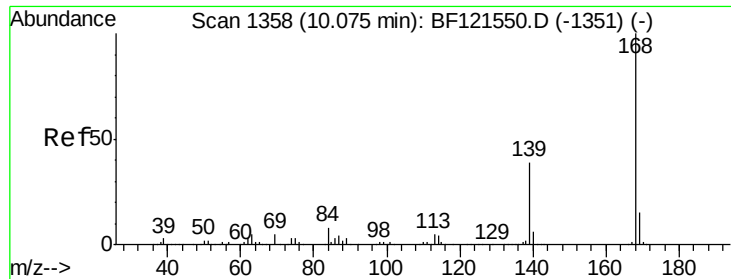
#54
2,4-Dinitrophenol
Concen: 82.898 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:184 Resp: 228718
Ion Ratio Lower Upper
184 100
63 56.8 45.9 68.9
154 58.7 45.8 68.6



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

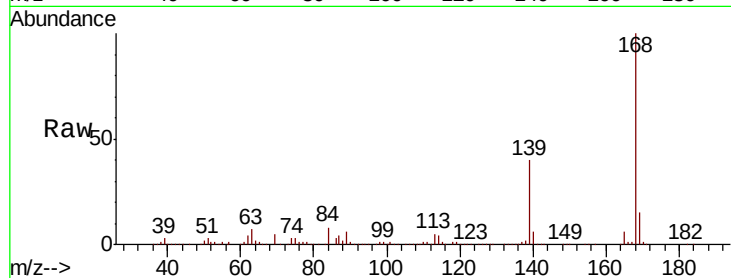




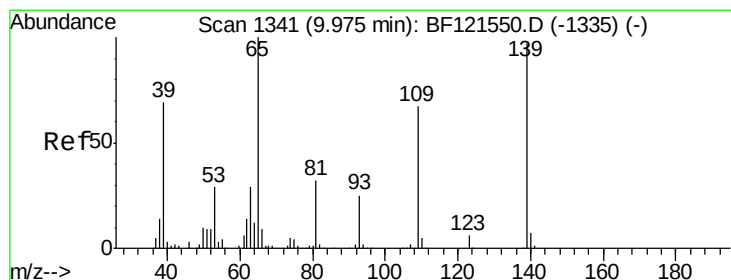
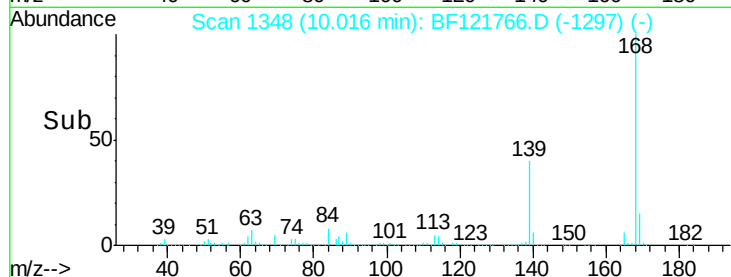
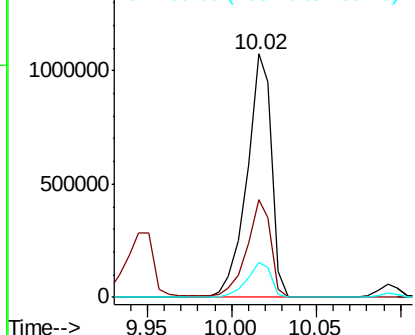
#55
Dibenzofuran
Concen: 41.143 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:168 Resp: 1094436
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.6
169 14.6 11.3 16.9

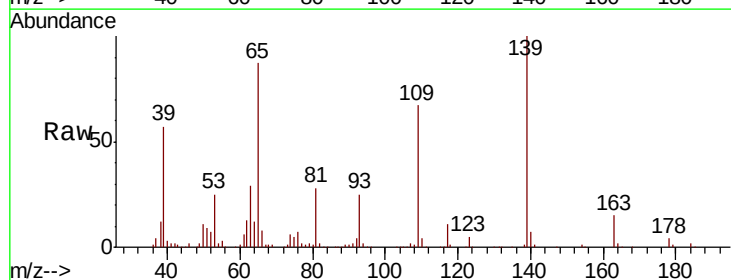


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

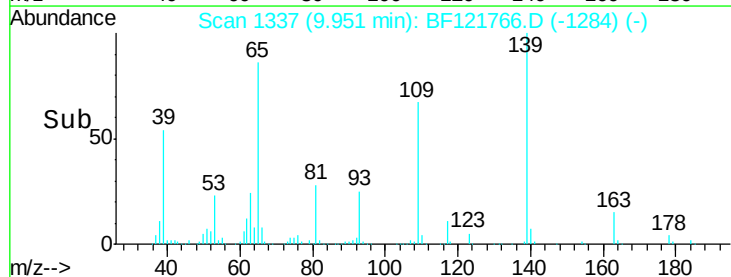
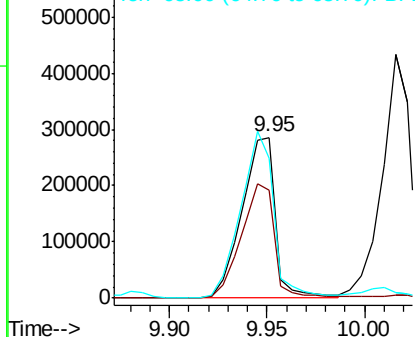


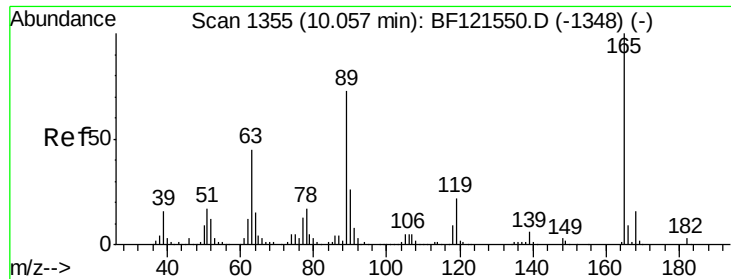
#56
4-Nitrophenol
Concen: 77.497 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:139 Resp: 340962
Ion Ratio Lower Upper
139 100
109 67.4 45.4 85.4
65 86.8 68.4 108.4



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

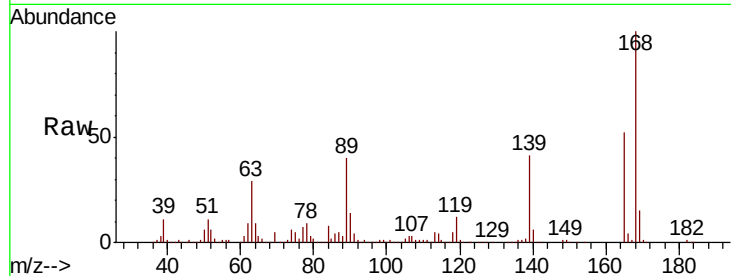




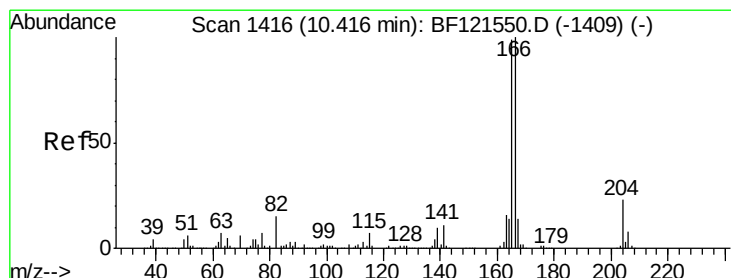
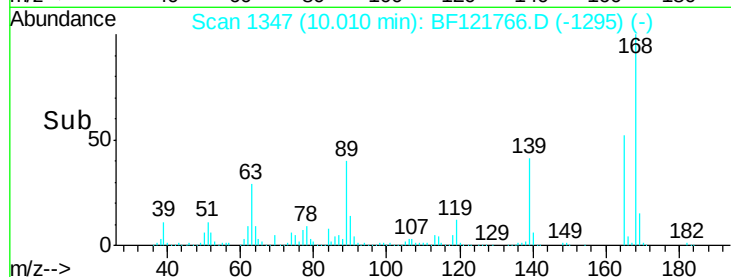
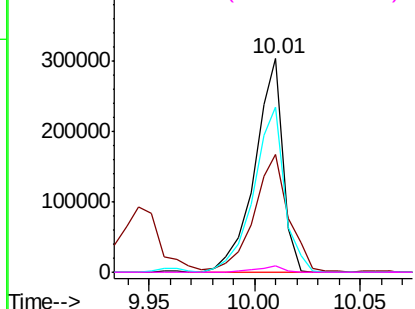
#57
2,4-Dinitrotoluene
Concen: 46.824 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	41.3	61.9
89	77.6	61.8	92.8
182	2.8	2.1	3.1

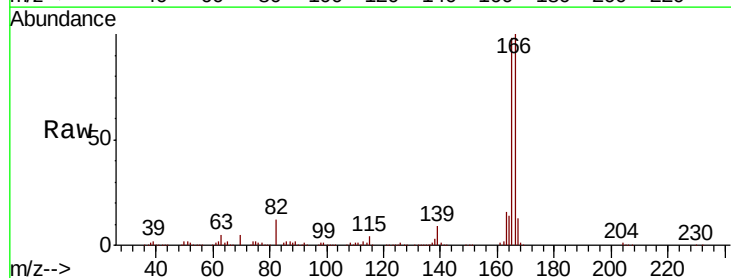


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

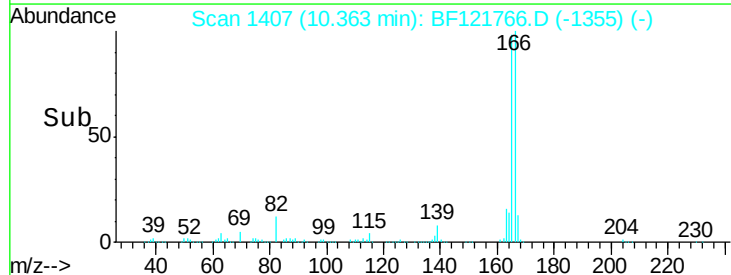
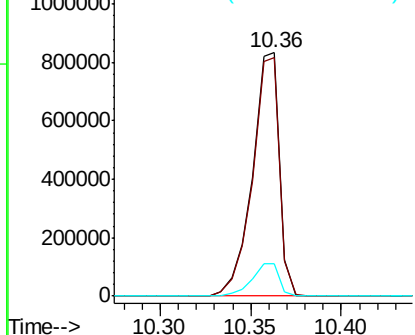


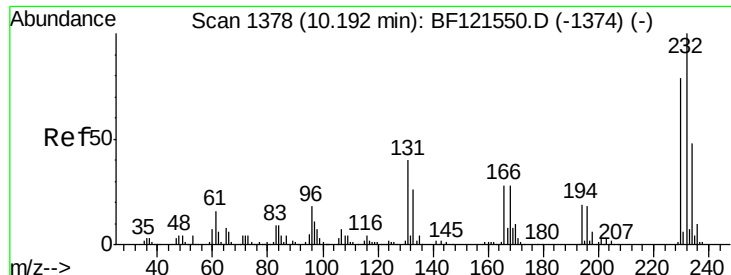
#58
Fluorene
Concen: 42.372 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.1	118.7
167	13.1	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

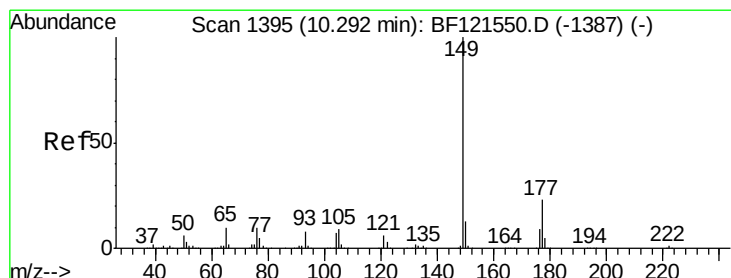
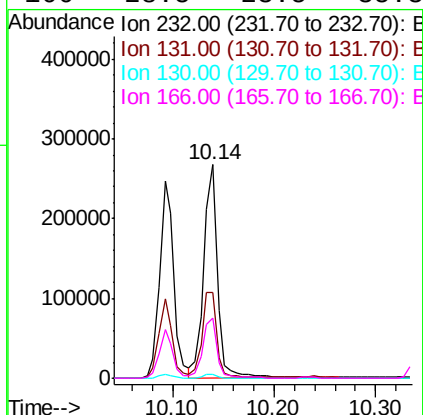
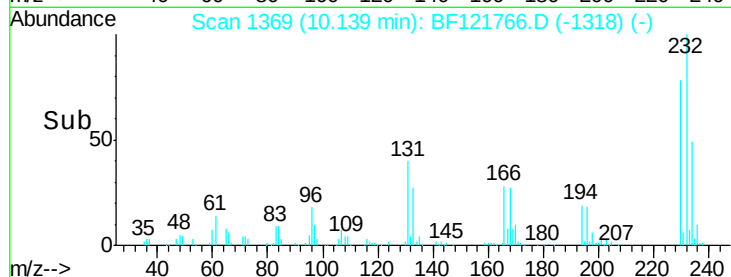
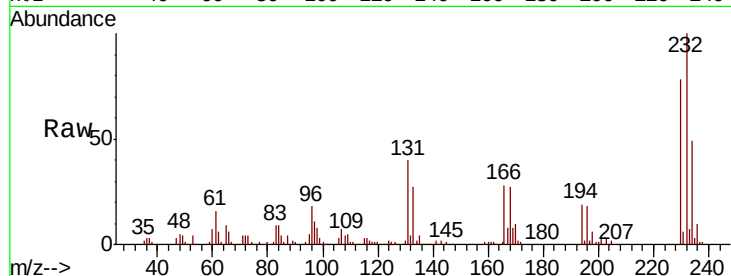




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.763 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

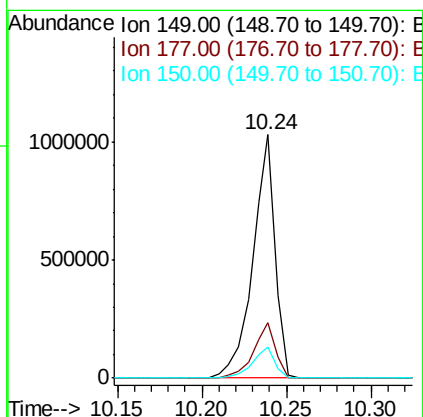
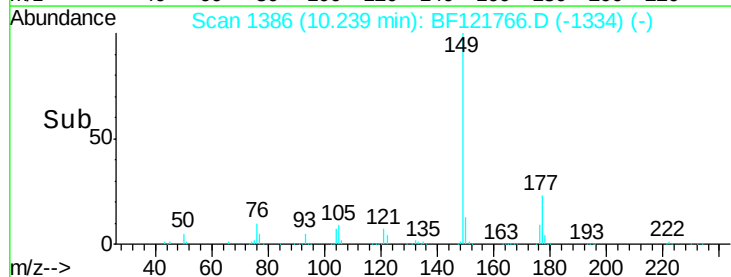
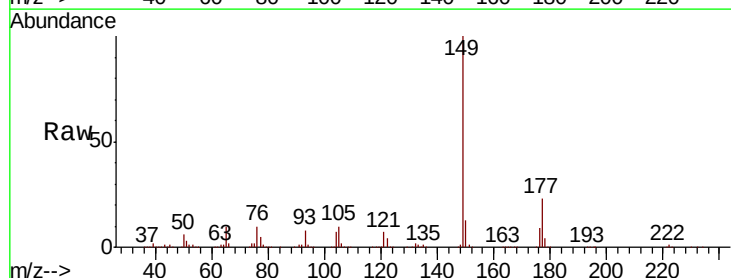
Instrument :
BNA_F
ClientSampleId :
PB132004BS

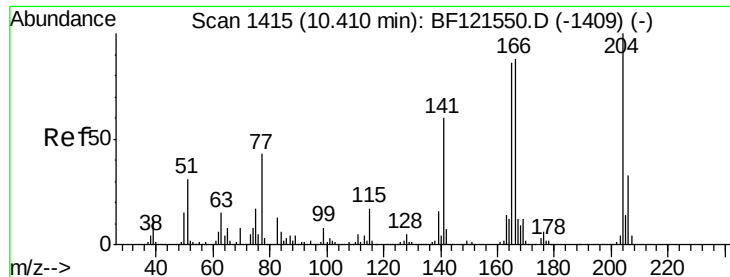
Tot Ion:232 Resp: 252719
Ion Ratio Lower Upper
232 100
131 44.5 35.9 53.9
130 2.1 1.8 2.6
166 28.5 23.5 35.3



#60
Diethylphthalate
Concen: 43.474 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:149 Resp: 947839
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.7 10.3 15.5

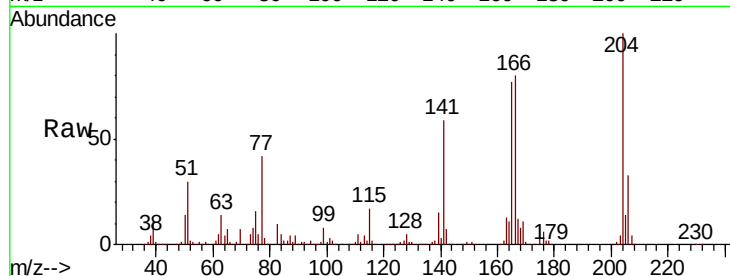




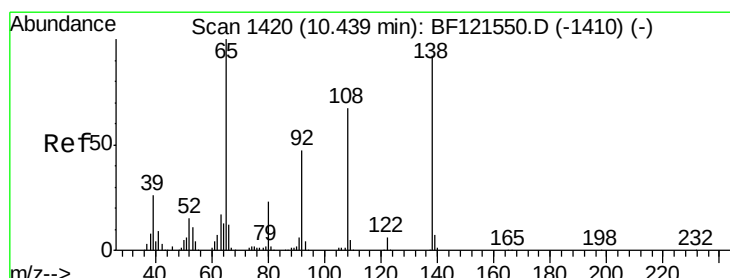
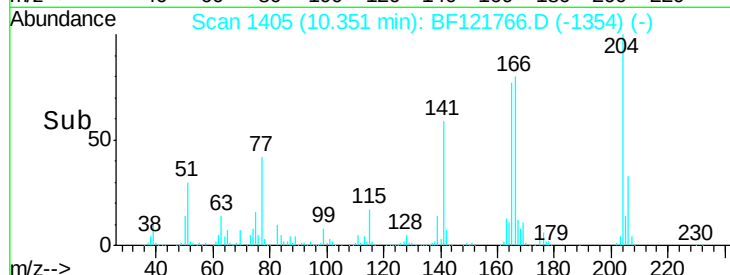
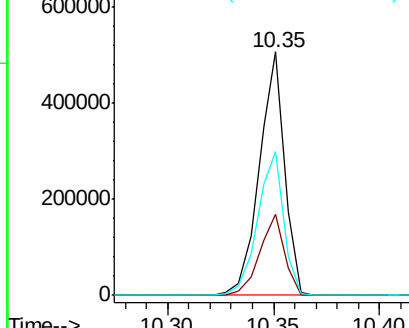
#61
4-Chlorophenyl-phenylether
Concen: 43.232 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:204 Resp: 421282
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 58.9 46.2 69.4

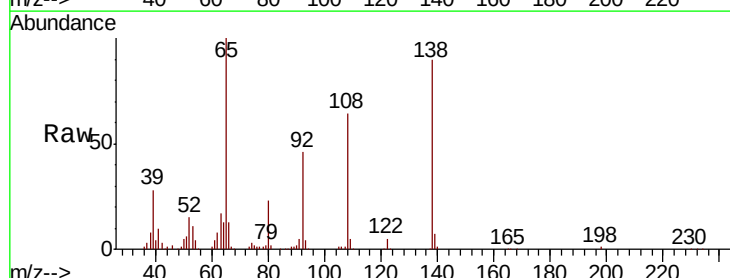


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

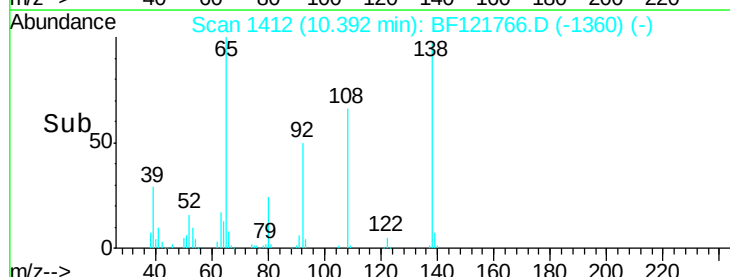
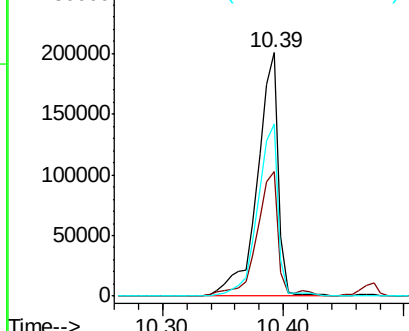


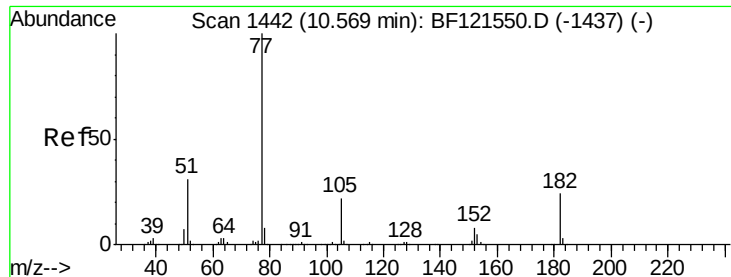
#62
4-Nitroaniline
Concen: 44.337 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:138 Resp: 242867
Ion Ratio Lower Upper
138 100
92 51.0 31.0 71.0
108 70.8 51.5 91.5



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





#63

Azobenzene

Concen: 42.825 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

Tot Ion: 77 Resp: 994306

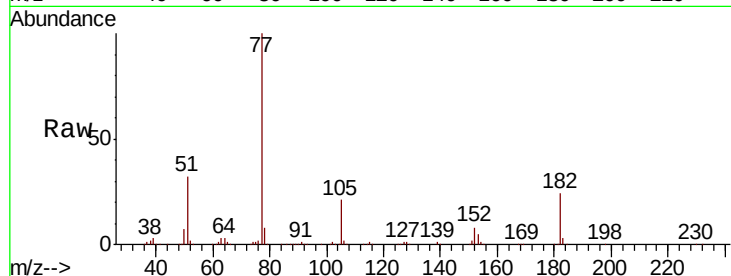
Ion Ratio Lower Upper

77 100

182 23.6 3.4 43.4

105 20.9 1.7 41.7

51 31.8 11.6 51.6

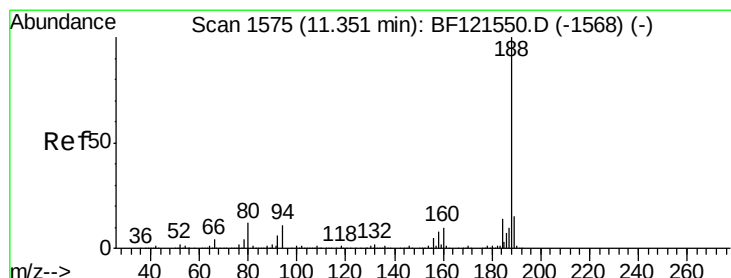
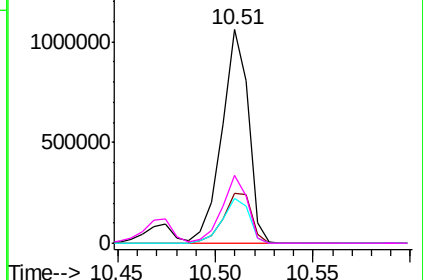
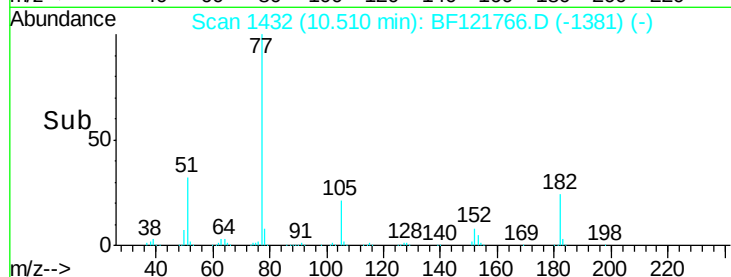


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

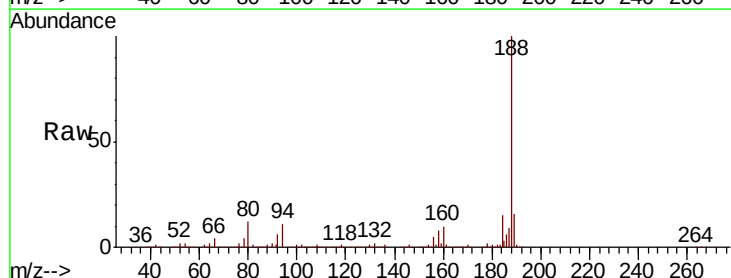
Tgt Ion: 188 Resp: 583448

Ion Ratio Lower Upper

188 100

94 11.0 8.3 12.5

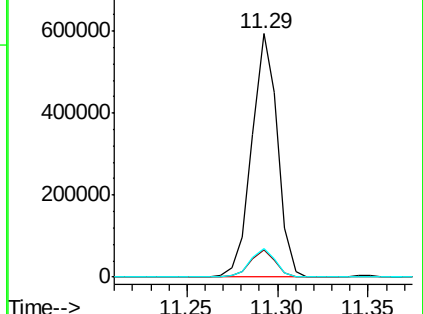
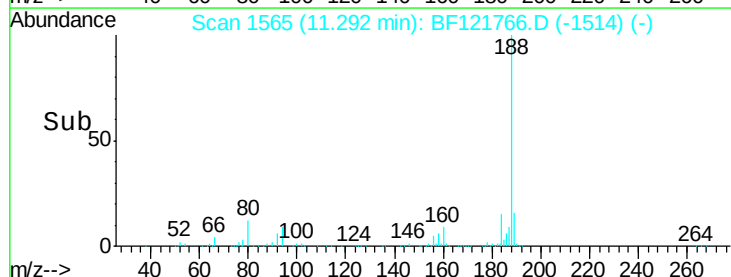
80 11.9 9.1 13.7

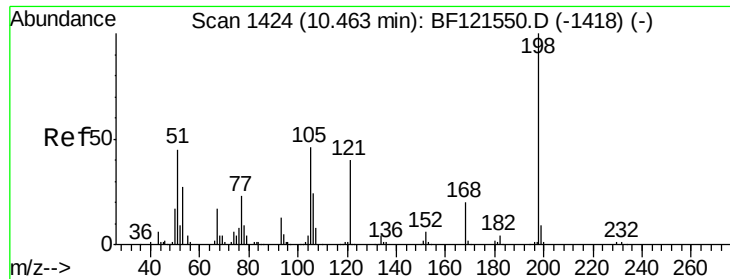


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

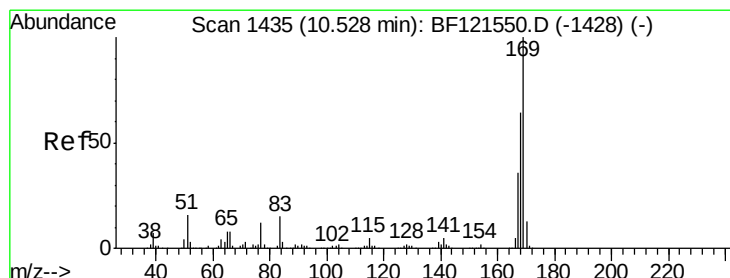
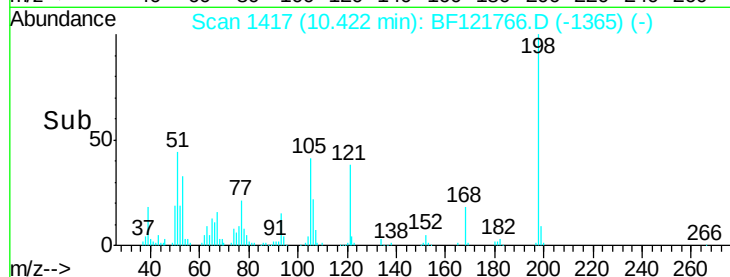
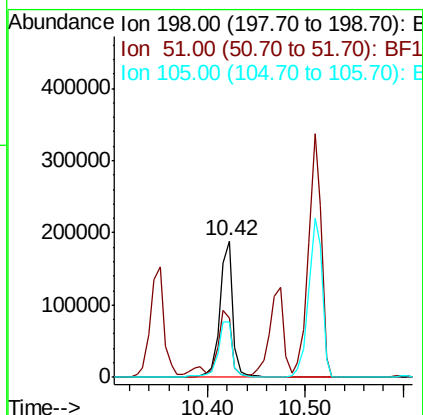
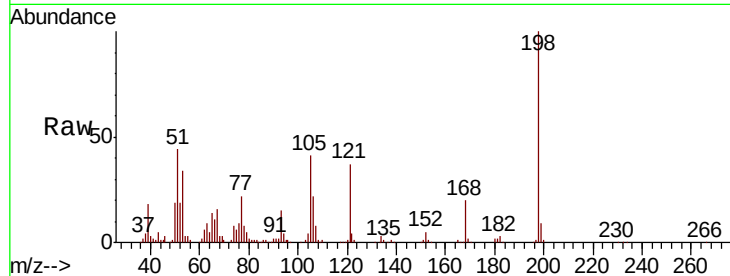




#65
4,6-Dinitro-2-methylphenol
Concen: 48.267 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

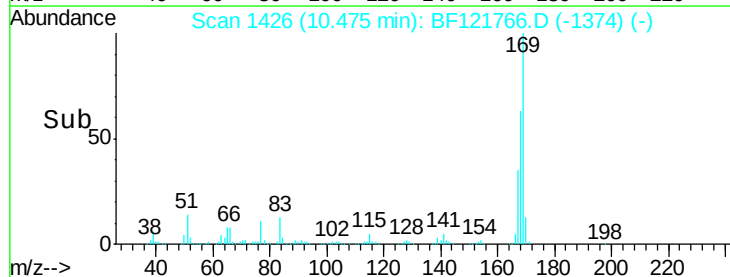
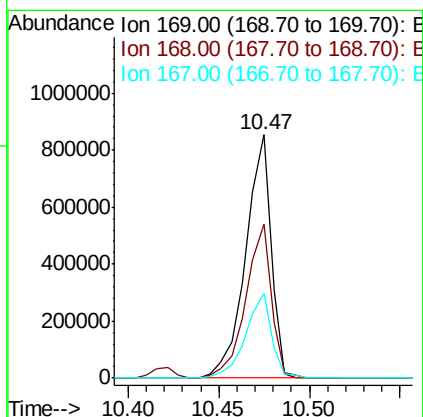
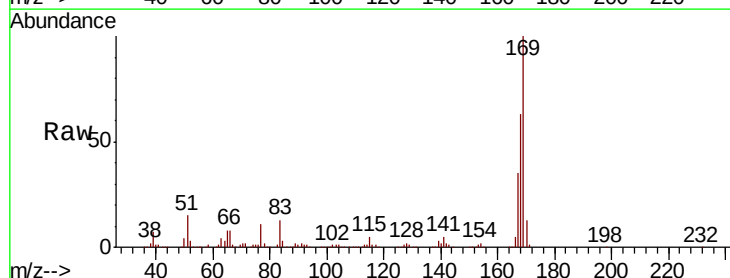
Instrument :
BNA_F
ClientSampleId :
PB132004BS

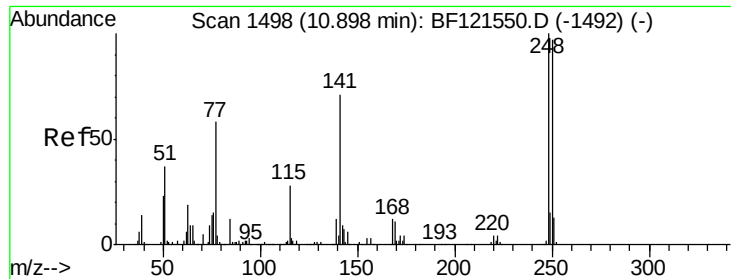
Tot Ion:198 Resp: 172968
Ion Ratio Lower Upper
198 100
51 43.7 29.6 69.6
105 41.1 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 41.624 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:169 Resp: 833182
Ion Ratio Lower Upper
169 100
168 63.4 50.0 75.0
167 35.1 27.8 41.6

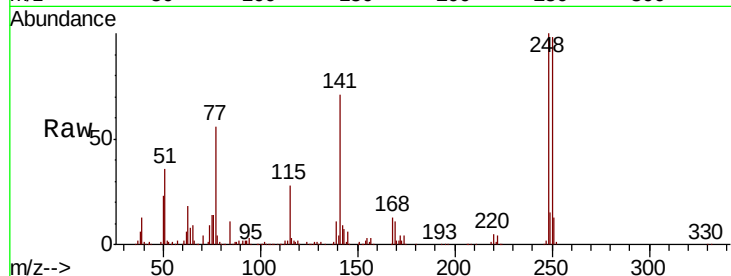




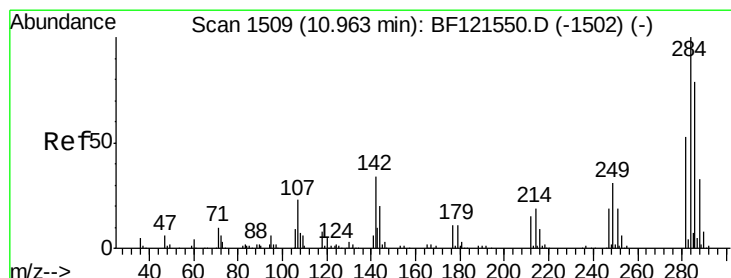
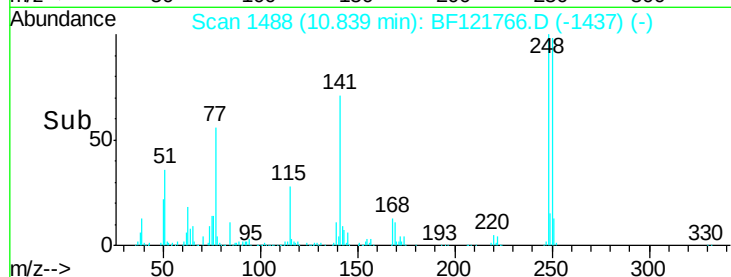
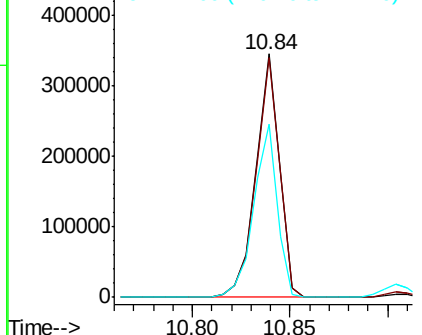
#67
4-Bromophenyl-phenylether
Concen: 43.390 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.0	115.6
141	71.2	53.7	80.5

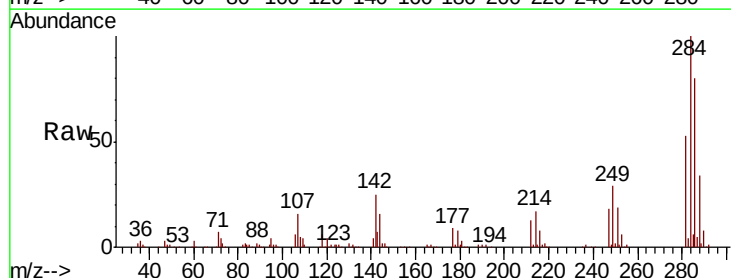


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

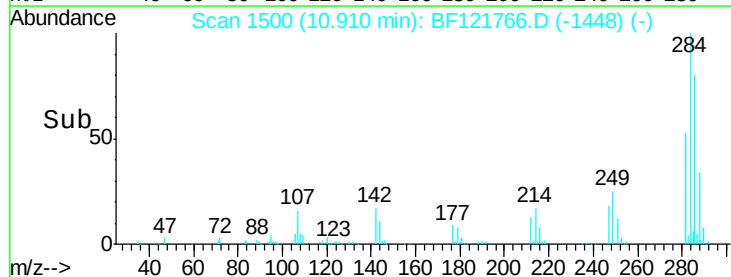
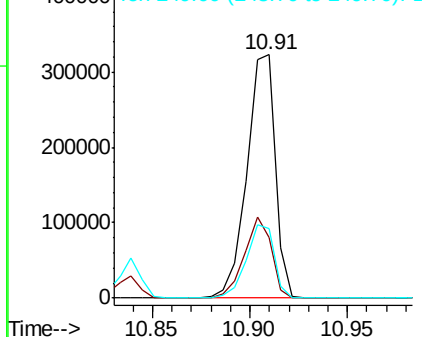


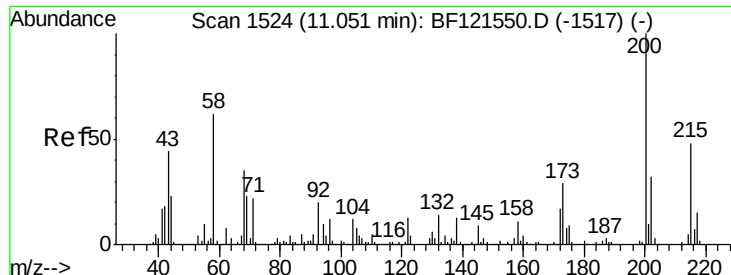
#68
Hexachlorobenzene
Concen: 43.579 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	27.4	41.2#
249	28.6	24.2	36.4



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

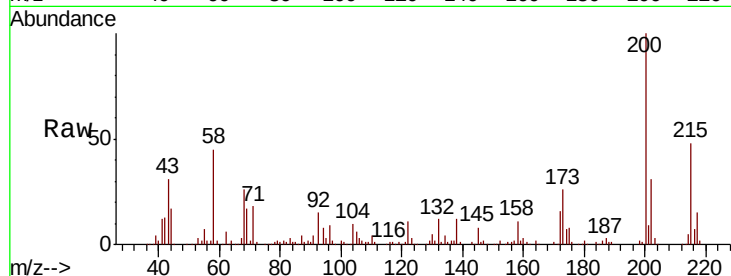




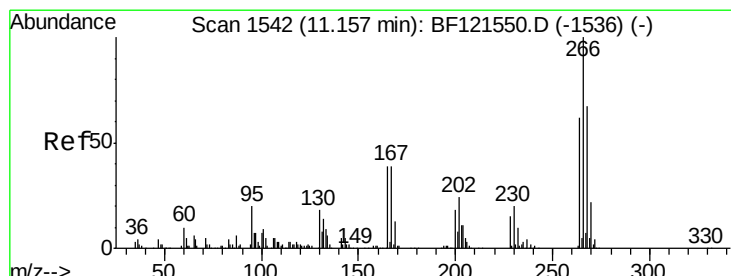
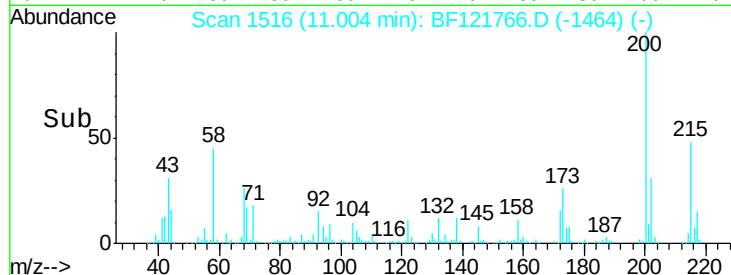
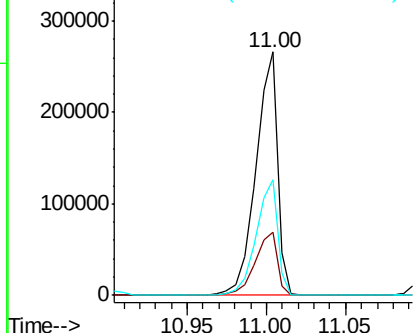
#69
Atrazine
Concen: 50.979 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:200 Resp: 253520
Ion Ratio Lower Upper
200 100
173 26.1 7.5 47.5
215 47.6 27.1 67.1

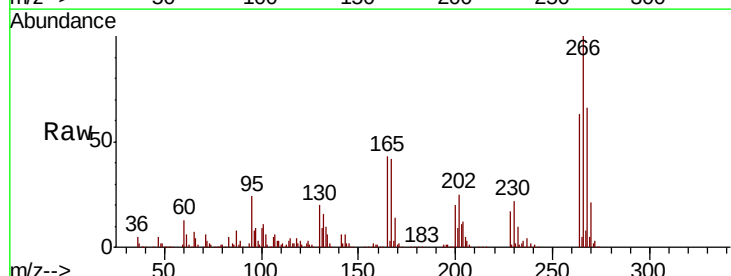


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

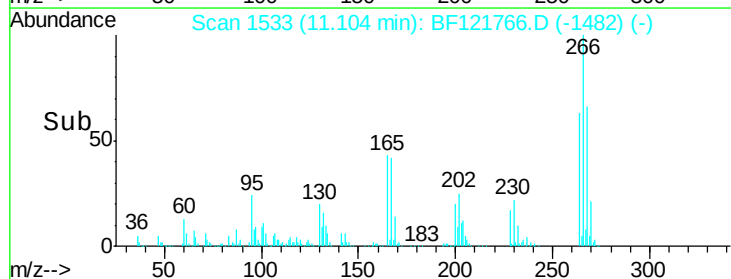
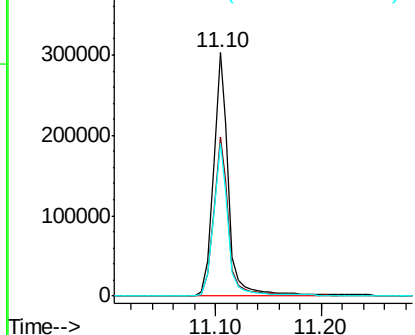


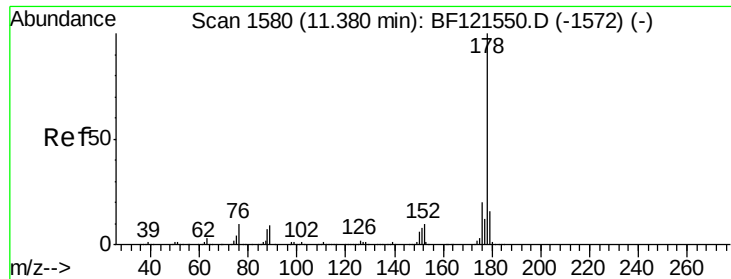
#70
Pentachlorophenol
Concen: 74.363 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:266 Resp: 306156
Ion Ratio Lower Upper
266 100
268 65.6 52.4 78.6
264 62.8 49.9 74.9



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

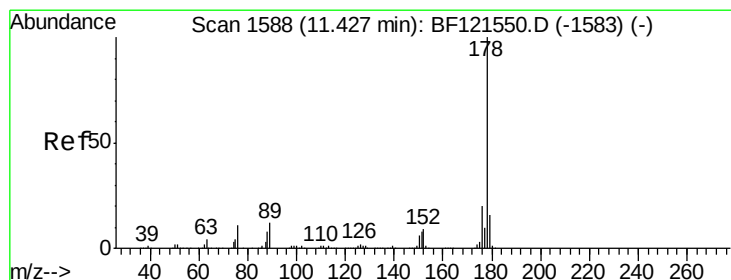
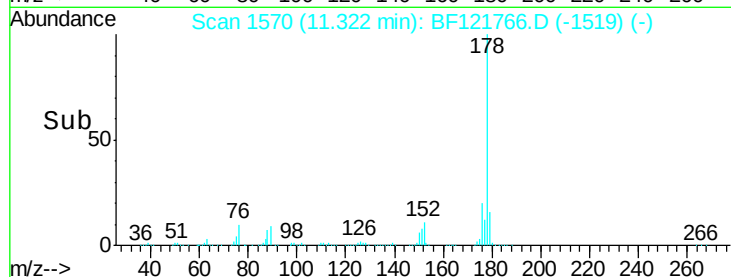
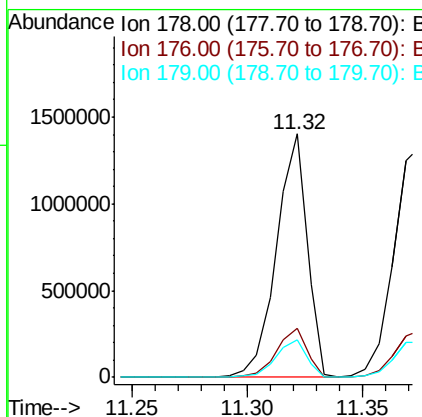
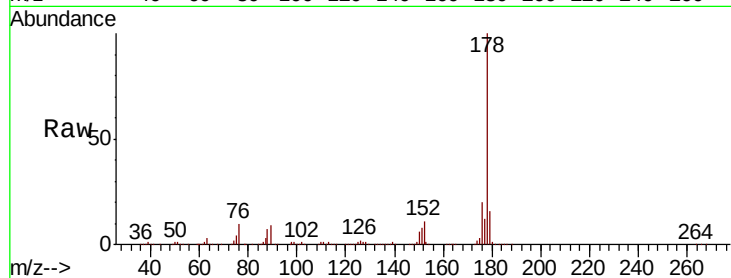




#71
Phenanthrene
Concen: 40.757 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

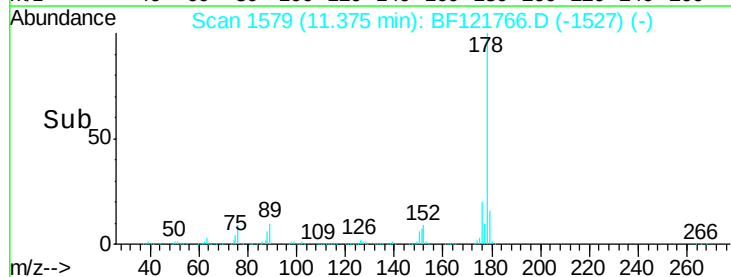
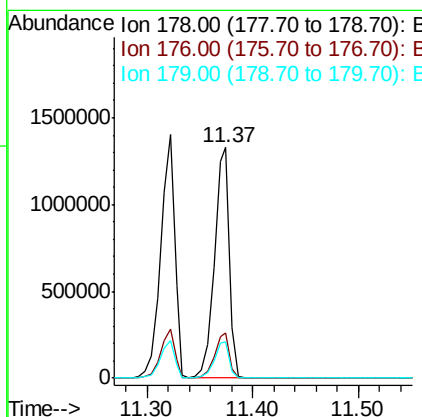
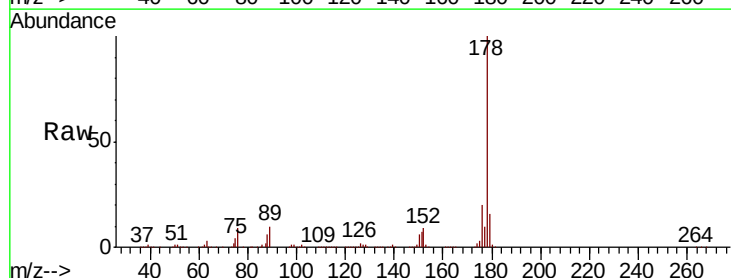
Instrument :
BNA_F
ClientSampleId :
PB132004BS

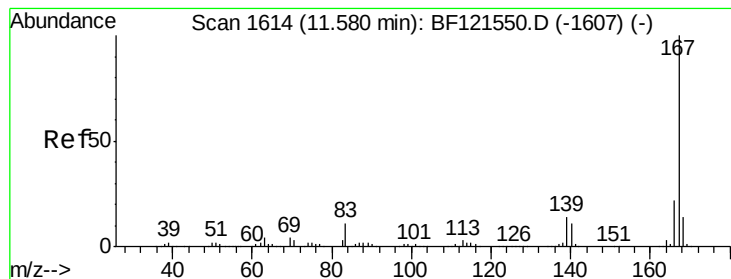
Tot Ion:178 Resp: 1295609
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.6 12.2 18.4



#72
Anthracene
Concen: 40.809 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:178 Resp: 1338722
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.6 12.7 19.1





#73

Carbazole

Concen: 40.593 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

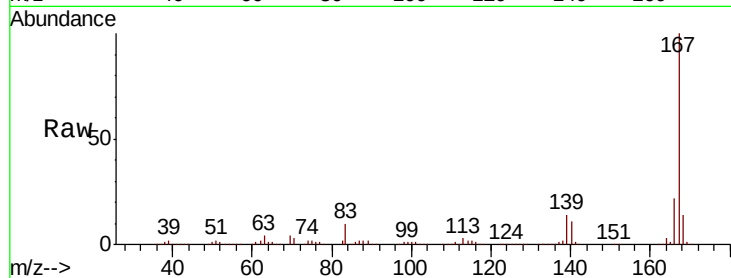
Tot Ion:167 Resp: 1201667

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

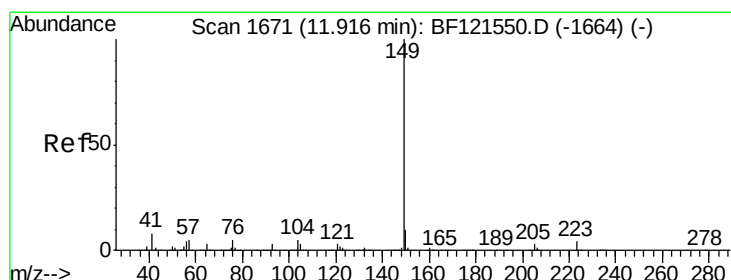
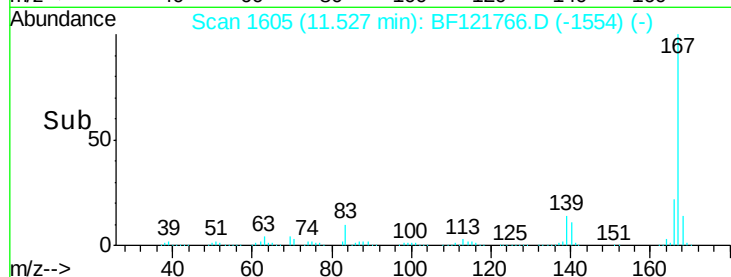
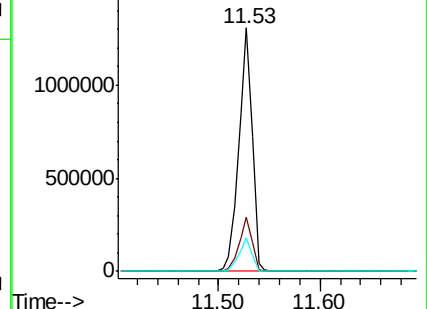
139 13.8 10.8 16.2



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: 43.320 ng

RT: 11.86 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

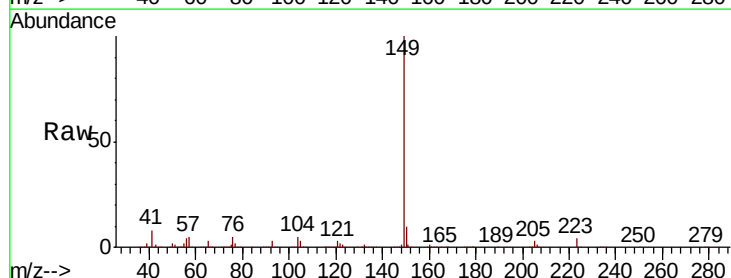
Tgt Ion:149 Resp: 1480100

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

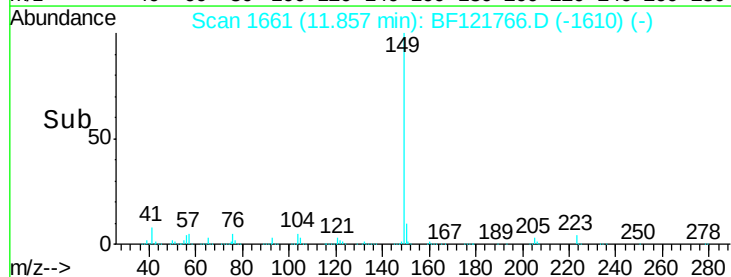
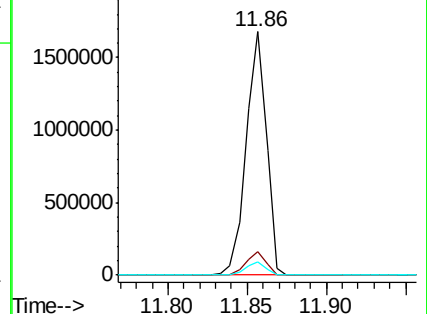
104 5.4 4.2 6.2

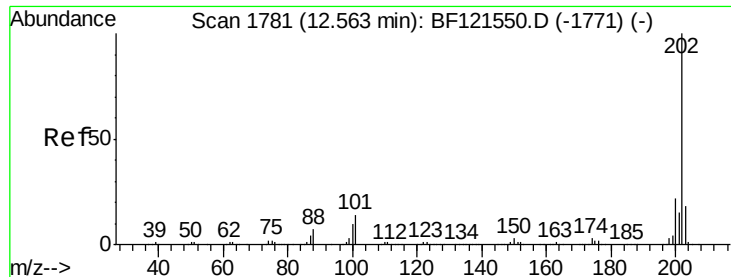


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

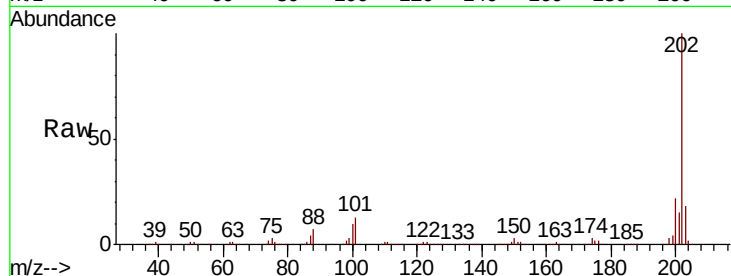




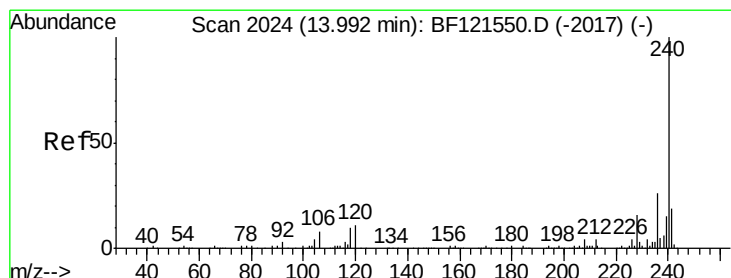
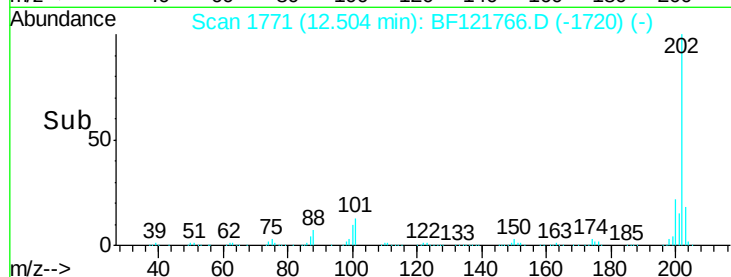
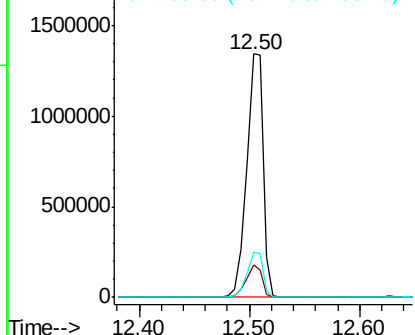
#75
Fluoranthene
Concen: 41.610 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:202 Resp: 1412001
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.4
203 18.5 0.0 37.9

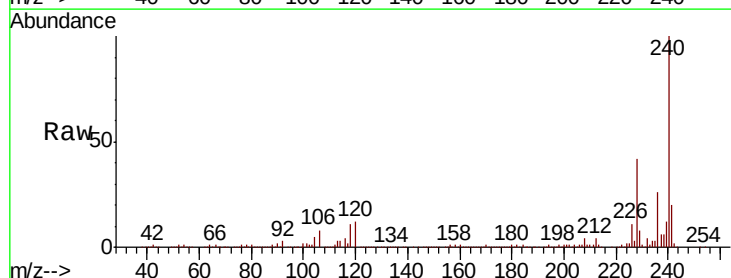


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

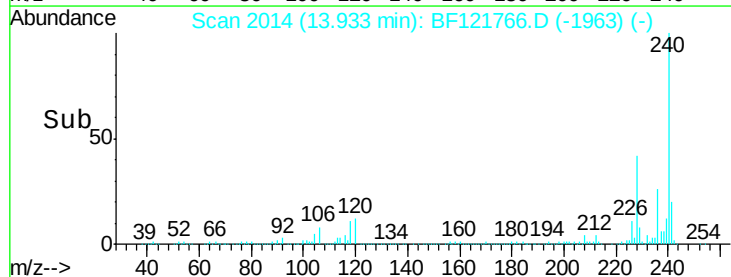
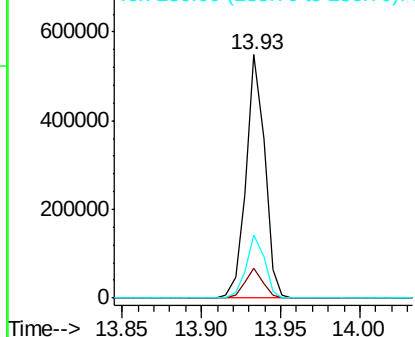


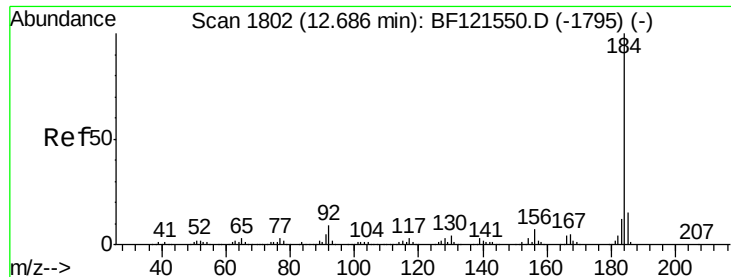
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:240 Resp: 449156
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.9 20.9 31.3



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: 52.855 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

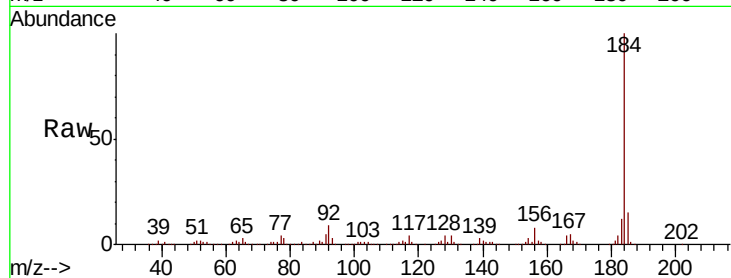
Tot Ion:184 Resp: 787031

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	12.4	9.4	14.0

184 100

185 14.8 11.6 17.4

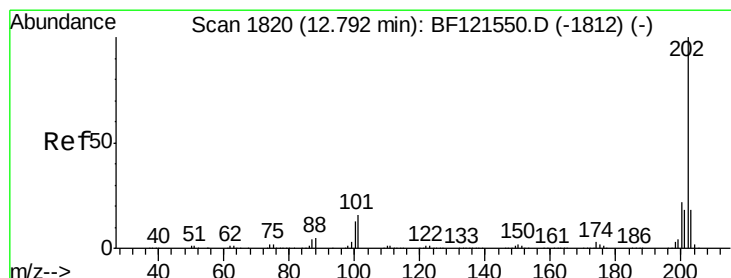
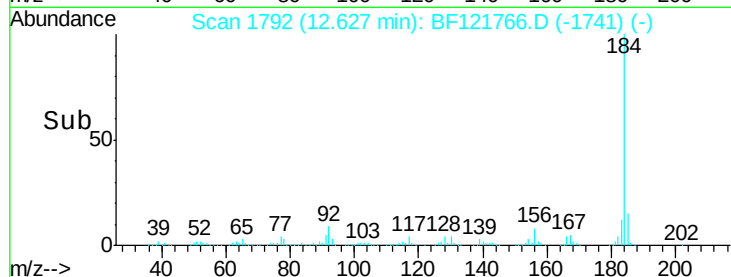
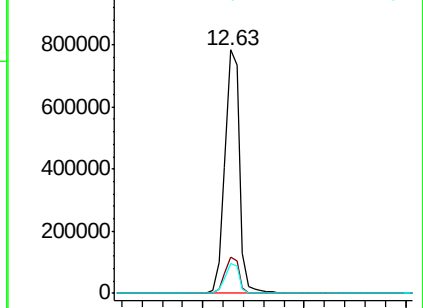
183 12.4 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.380 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

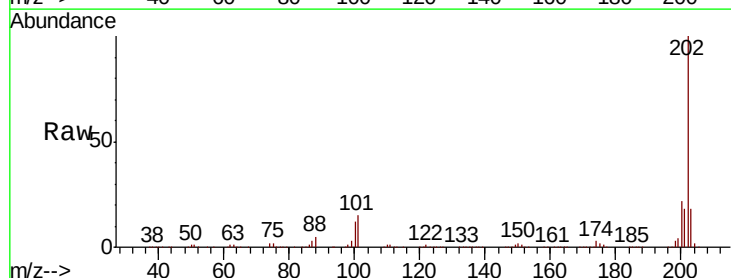
Tgt Ion:202 Resp: 1423575

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.9	14.6	21.8

202 100

200 22.4 17.4 26.2

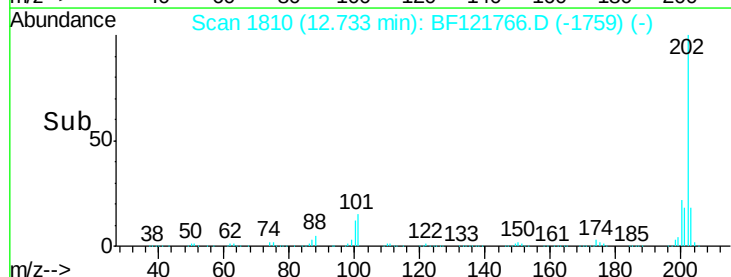
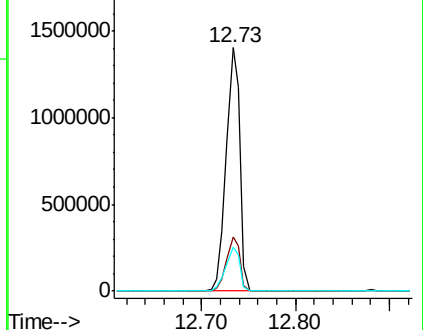
203 17.9 14.6 21.8

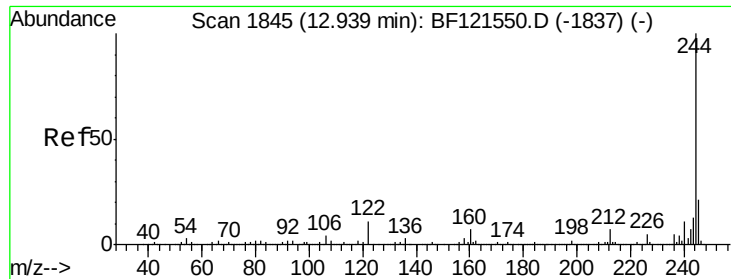


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.150 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

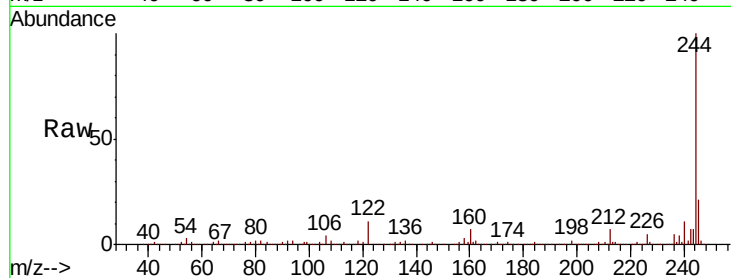
Tot Ion:244 Resp: 2264742

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

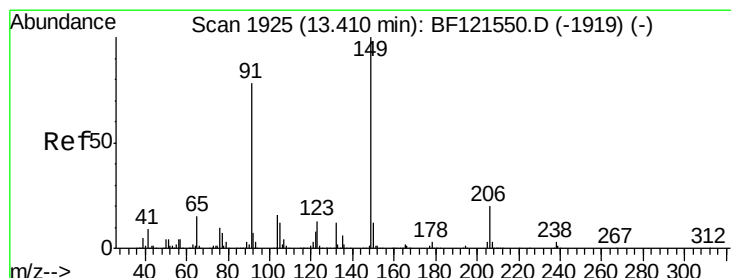
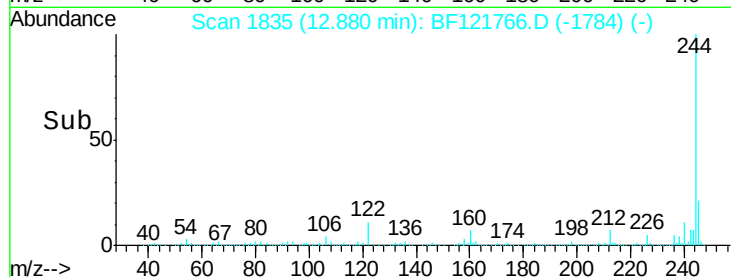
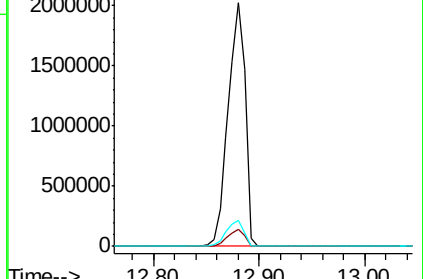
122 10.5 8.1 12.1



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: 47.211 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

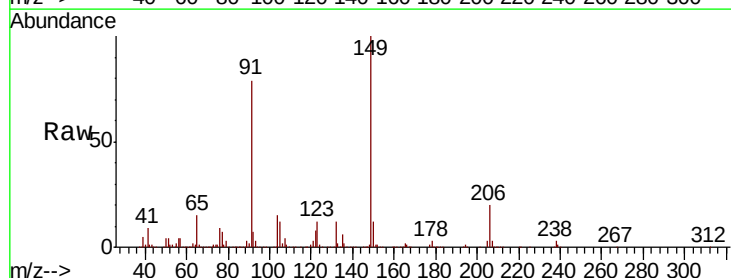
Tgt Ion:149 Resp: 626591

Ion Ratio Lower Upper

149 100

91 79.3 61.0 91.4

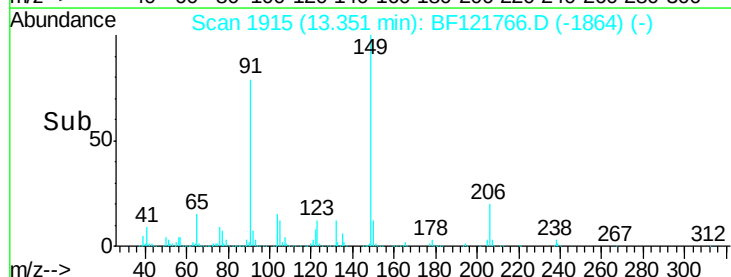
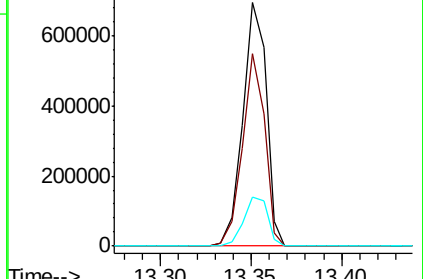
206 20.0 16.7 25.1

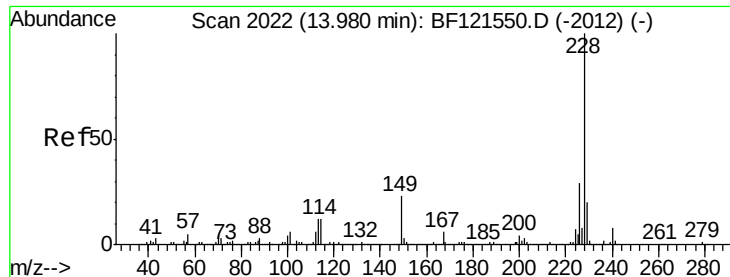


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.228 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

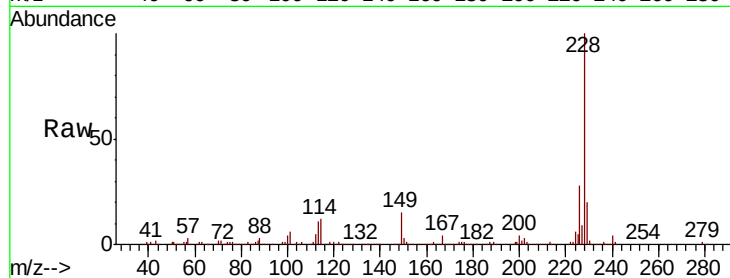
BNA_F

ClientSampleId :

PB132004BS

Tot Ion:228 Resp: 1199953

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.1	16.2	24.4

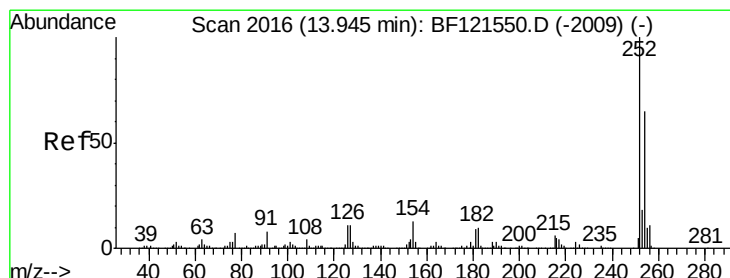
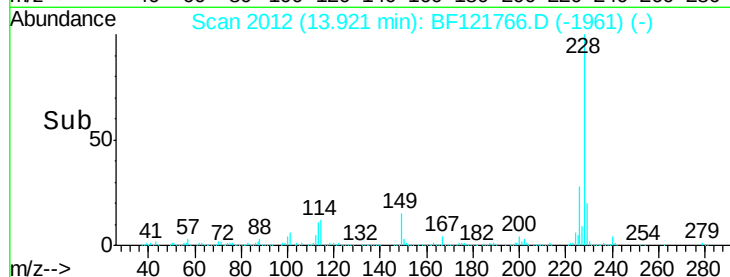
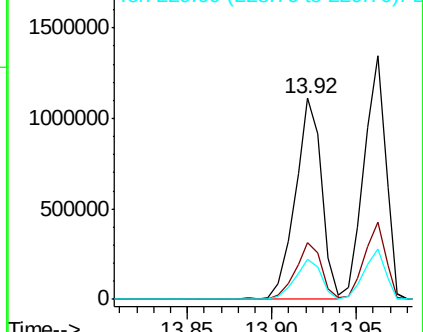


Abundance

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: 32.678 ng

RT: 13.89 min Scan# 2006

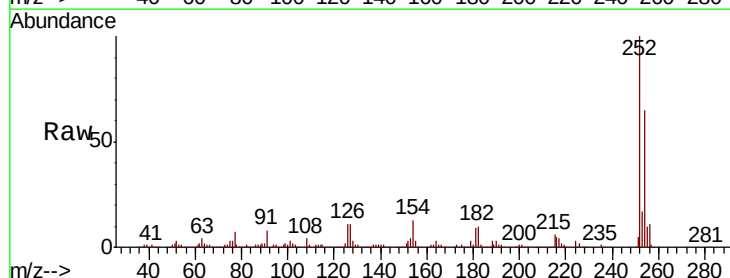
Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Tgt Ion:252 Resp: 362519

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	11.4	8.8	13.2

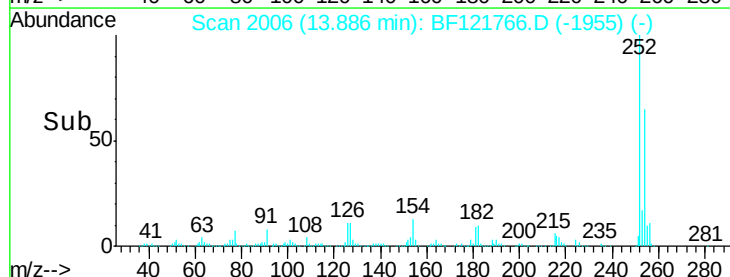
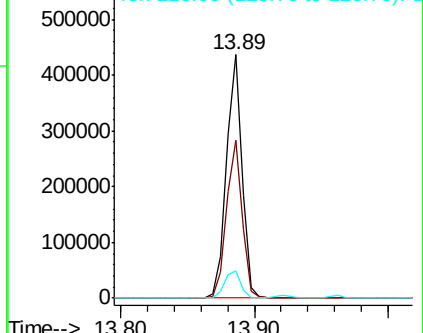


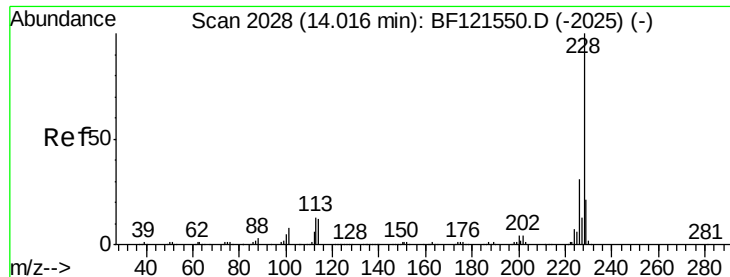
Abundance

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: 42.052 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

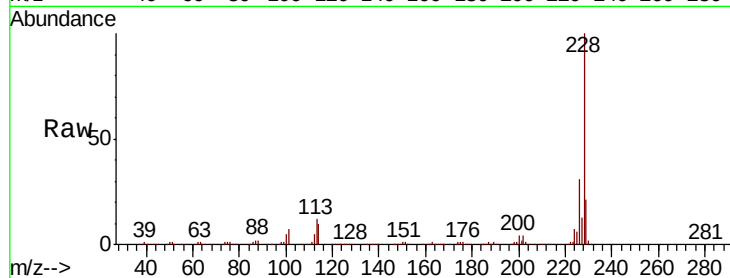
Tot Ion:228 Resp: 1210045

Ion Ratio Lower Upper

228 100

226 31.5 24.6 37.0

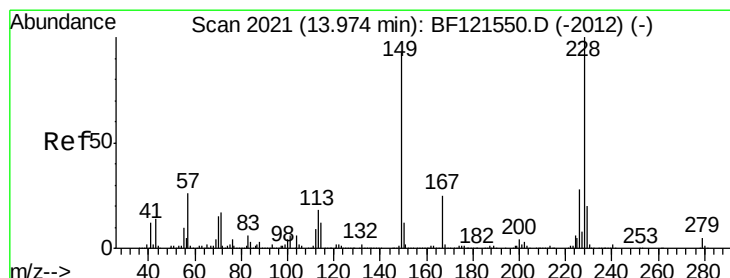
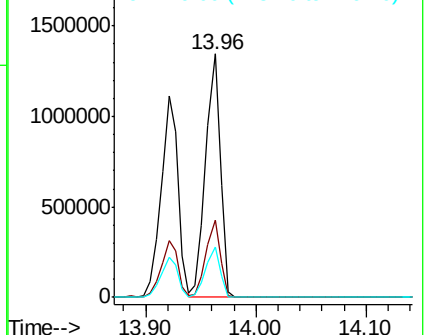
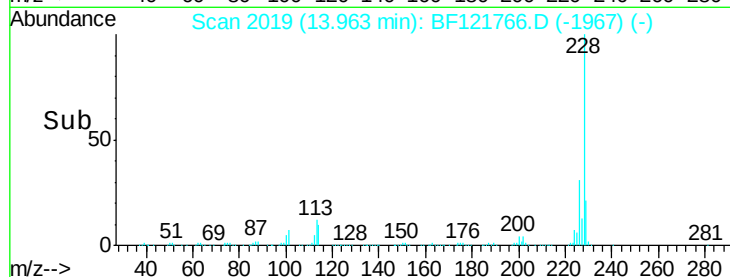
229 20.6 15.9 23.9



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: 46.549 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

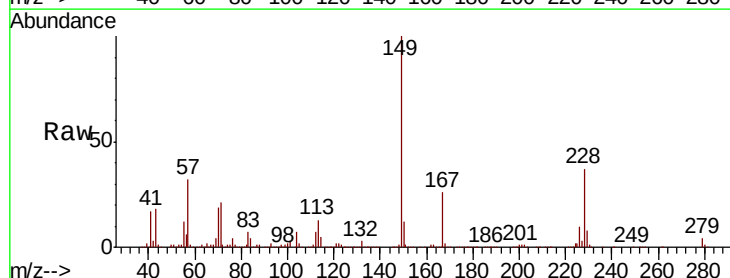
Tgt Ion:149 Resp: 825341

Ion Ratio Lower Upper

149 100

167 26.3 20.9 31.3

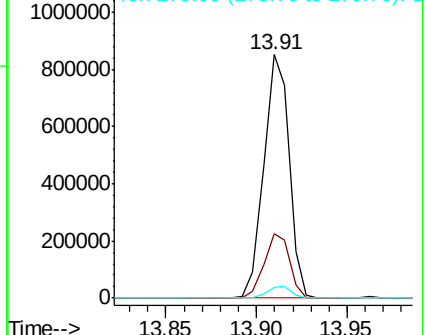
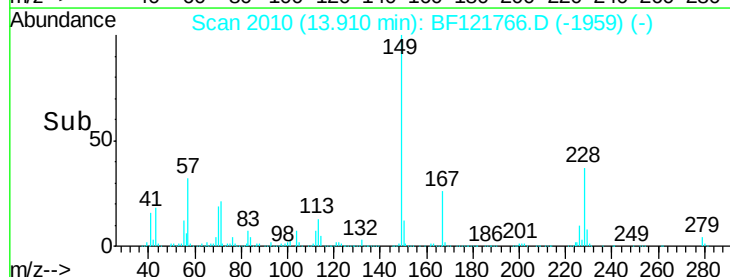
279 4.3 3.2 4.8

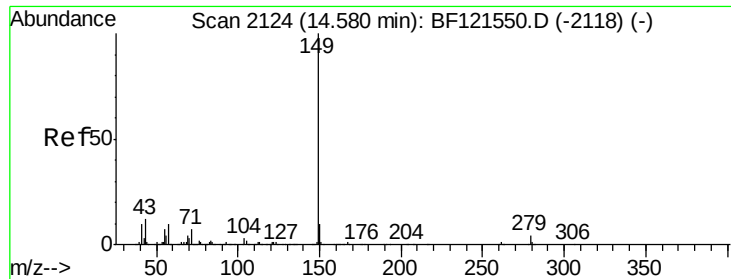


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.954 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

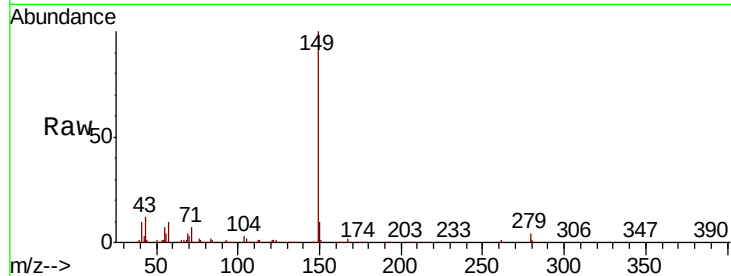
Tot Ion:149 Resp: 1437943

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

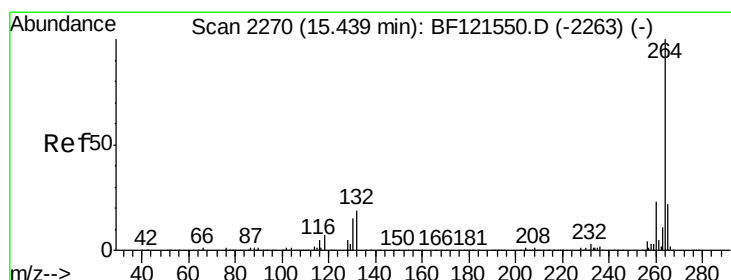
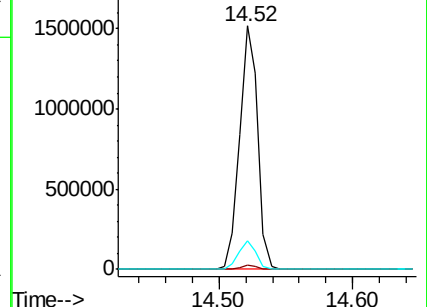
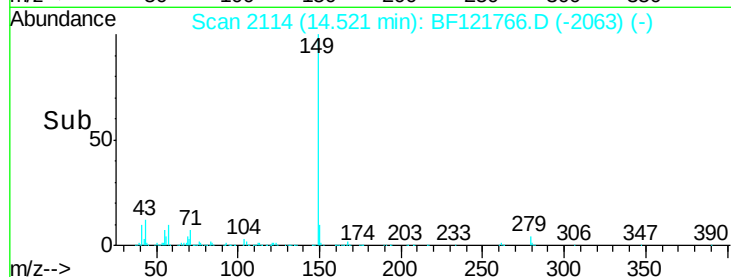
43 11.3 9.0 13.6



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

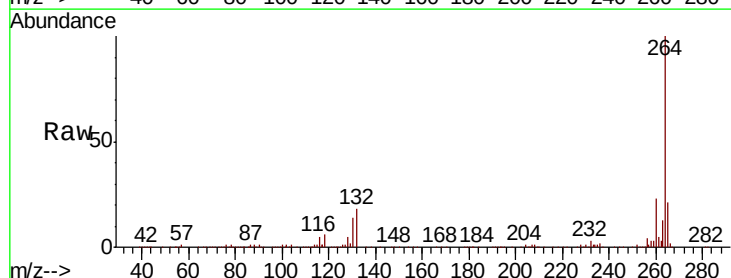
Tgt Ion:264 Resp: 398993

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

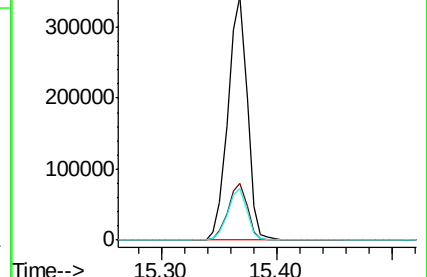
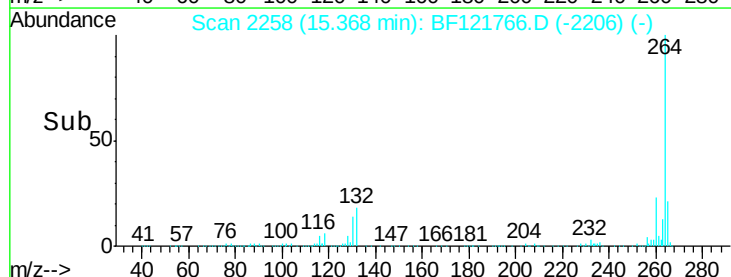
265 21.4 17.3 25.9

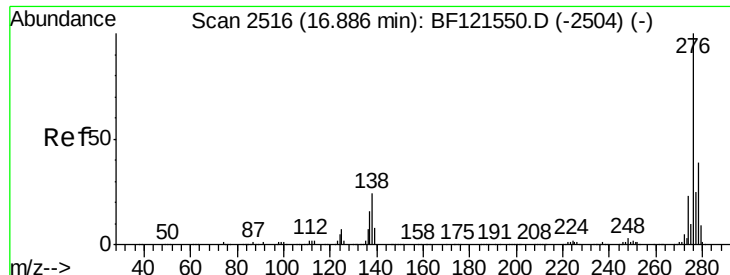


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

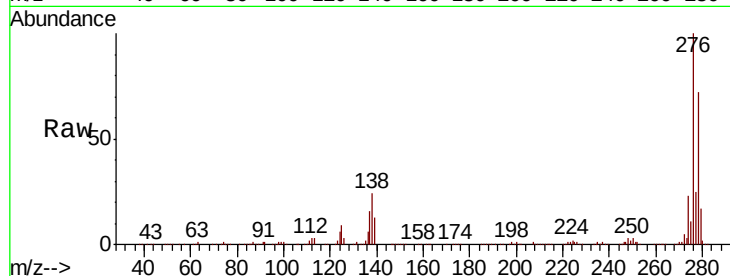




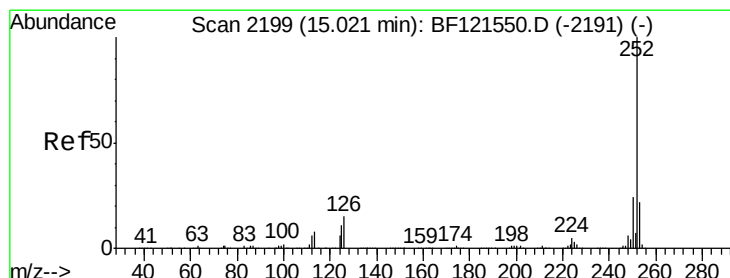
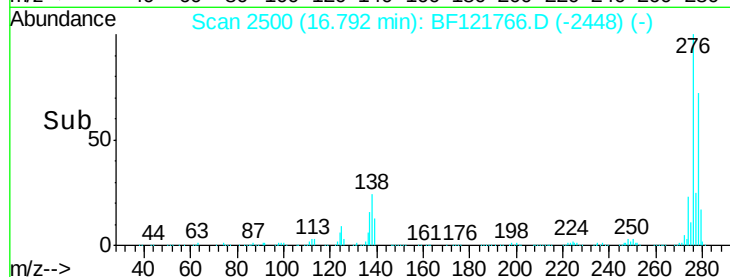
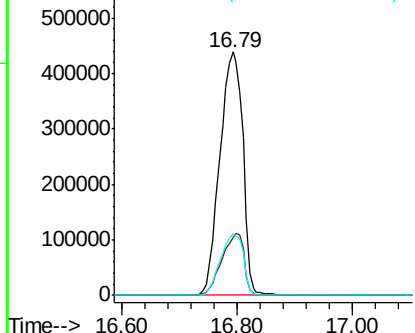
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.551 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132004BS

Tot Ion:276 Resp: 1209566
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.9 29.9
 277 25.4 20.4 30.6

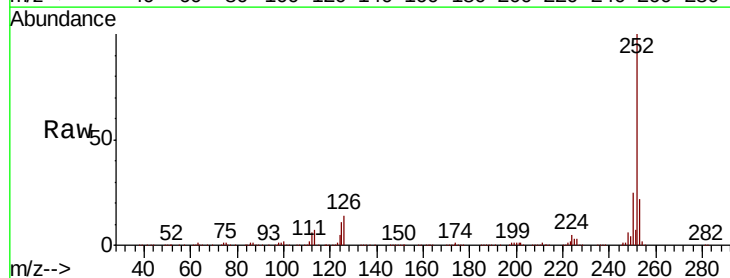


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

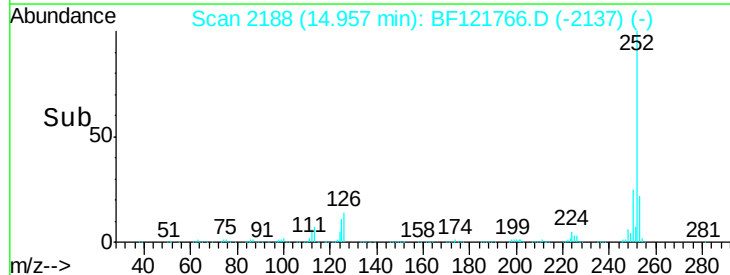
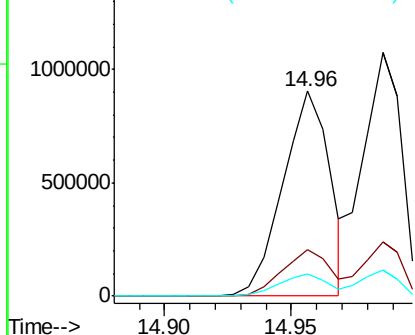


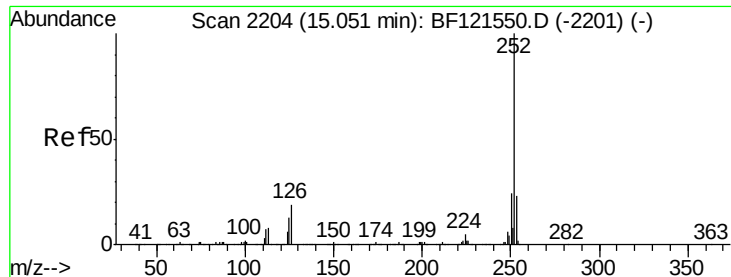
#88
 Benzo(b)fluoranthene
 Concen: 43.646 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BF121766.D
 Acq: 1 Oct 2020 14:38

Tgt Ion:252 Resp: 1164186
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 10.8 8.0 12.0



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





#89

Benzo(k)fluoranthene

Concen: 46.976 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB132004BS

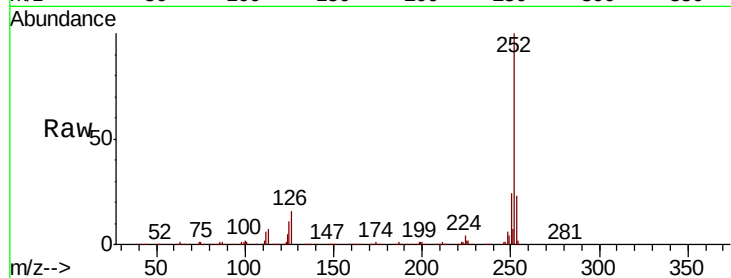
Tot Ion:252 Resp: 1147414

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

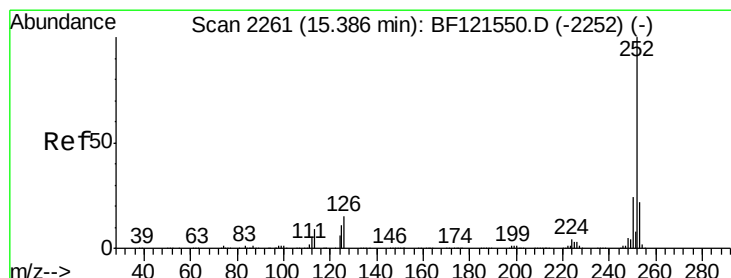
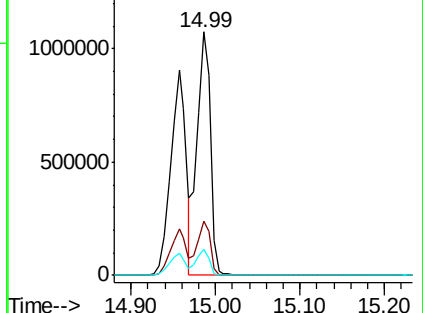
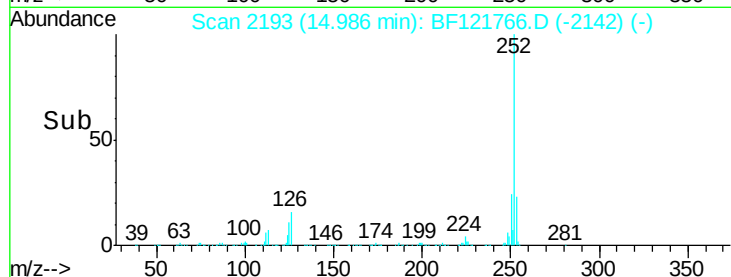
125 10.8 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.249 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF121766.D

Acq: 1 Oct 2020 14:38

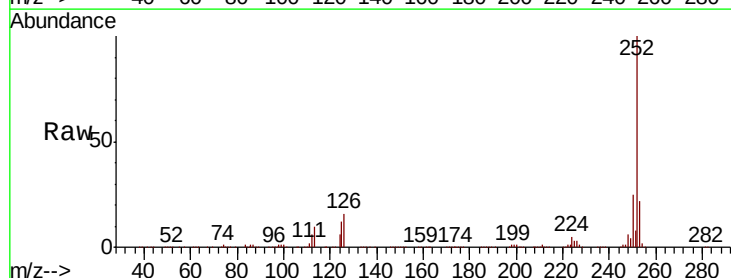
Tgt Ion:252 Resp: 1048617

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

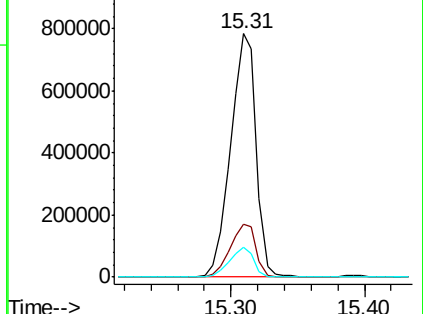
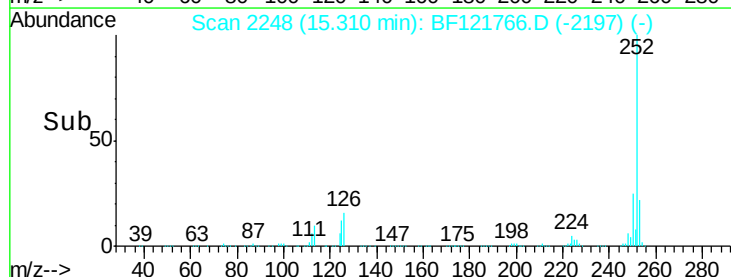
125 12.0 8.6 13.0

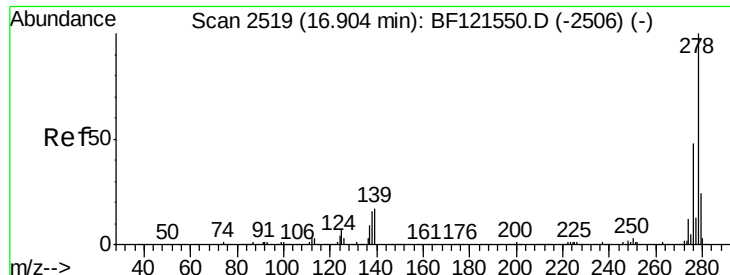


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



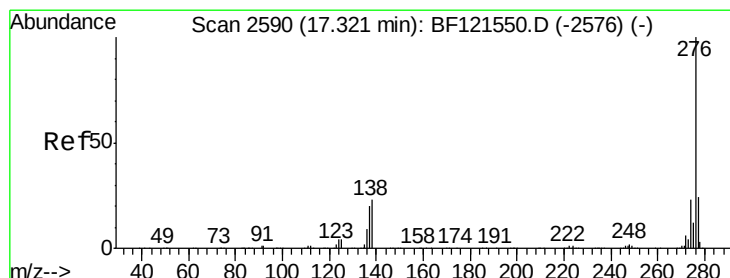
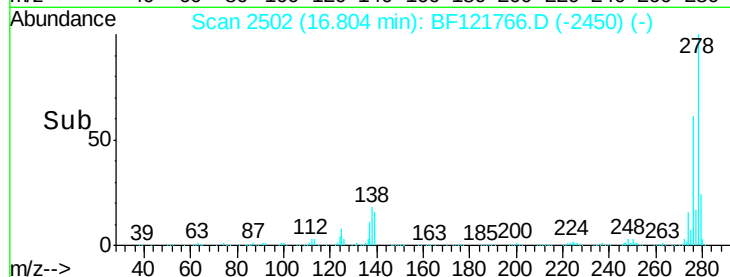
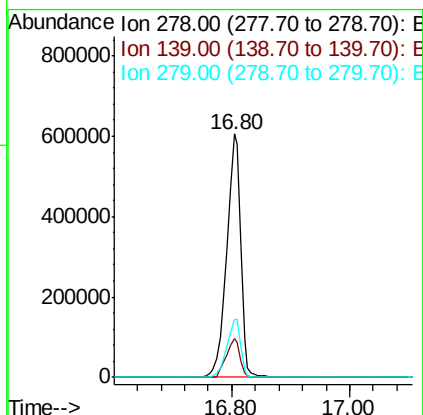
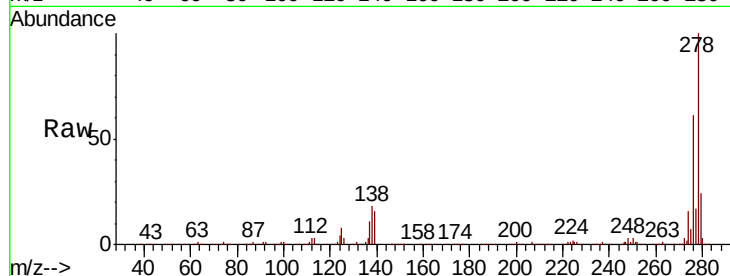


#91
Dibenzo(a,h)anthracene
Concen: 46.393 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Instrument :
BNA_F
ClientSampleId :
PB132004BS

Tot Ion:278 Resp: 1003456

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	24.1	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 45.934 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BF121766.D
Acq: 1 Oct 2020 14:38

Tgt Ion:276 Resp: 976624

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	20.7	17.8	26.6

