

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118870.D
 Acq On : 10 Feb 2020 15:23
 Operator : CG/JU
 Sample : PB126704BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Quant Time: Feb 11 00:14:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	300003	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1220312	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	702909	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1311630	20.00	ng	0.00
76) Chrysene-d12	13.98	240	919996	20.00	ng	0.00
87) Perylene-d12	15.42	264	725640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1690014	106.63	ng	0.02
7) Phenol-d6	6.46	99	2139760	108.76	ng	0.01
23) Nitrobenzene-d5	7.38	82	1299281	63.46	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	884444	105.16	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2692814	68.49	ng	0.00
79) Terphenyl-d14	12.92	244	3136937	70.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	260296	36.039	ng	99
3) Pyridine	3.42	79	729161	36.356	ng	99
4) n-Nitrosodimethylamine	3.35	42	345357	47.296	ng	95
6) Aniline	6.48	93	652982	25.770	ng	# 49
8) 2-Chlorophenol	6.61	128	735236	41.650	ng	98
9) Benzaldehyde	6.36	77	199539	13.922	ng	99
10) Phenol	6.47	94	837946	38.305	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	677011	40.452	ng	97
12) 1,3-Dichlorobenzene	6.76	146	769556	36.624	ng	99
13) 1,4-Dichlorobenzene	6.83	146	784752	37.442	ng	99
14) 1,2-Dichlorobenzene	6.99	146	728240	36.373	ng	97
15) Benzyl Alcohol	6.96	79	628076	41.302	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	774711	37.799	ng	89
17) 2-Methylphenol	7.08	107	621303	42.334	ng	96
18) Hexachloroethane	7.33	117	278602	37.036	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	491796	40.855	ng	98
20) 3+4-Methylphenols	7.23	107	729042	39.631	ng	# 85
22) Acetophenone	7.23	105	965131	36.402	ng	99
24) Nitrobenzene	7.40	77	759585	37.139	ng	99
25) Isophorone	7.64	82	1421837	38.642	ng	100
26) 2-Nitrophenol	7.72	139	437791	40.170	ng	98
27) 2,4-Dimethylphenol	7.76	122	660532	44.617	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	899486	37.699	ng	98
29) 2,4-Dichlorophenol	7.96	162	688284	38.821	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	748837	36.135	ng	100
31) Naphthalene	8.12	128	2137925	38.306	ng	99
32) Benzoic acid	7.90	122	436485	35.610	ng	96
33) 4-Chloroaniline	8.17	127	535356	21.440	ng	99
34) Hexachlorobutadiene	8.24	225	451195	35.538	ng	99
35) Caprolactam	8.55	113	175308	30.501	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	717983	40.240	ng	99
37) 2-Methylnaphthalene	8.81	142	1537079	39.709	ng	98
38) 1-Methylnaphthalene	8.91	142	1436247	39.443	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	763335	35.982	ng	99

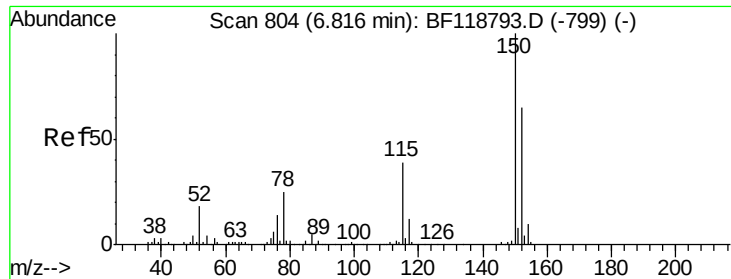
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	508994	61.188	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	529543	37.328	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	549792	37.930	ng	100
46) 1,1'-Biphenyl	9.27	154	1830838	37.653	ng	99
47) 2-Chloronaphthalene	9.30	162	1478209	36.569	ng	99
48) 2-Nitroaniline	9.40	65	422747	36.261	ng	95
49) Acenaphthylene	9.72	152	2282825	39.113	ng	100
50) Dimethylphthalate	9.58	163	1880057	39.281	ng	99
51) 2,6-Dinitrotoluene	9.64	165	427802	39.064	ng	96
52) Acenaphthene	9.89	154	1372842	35.696	ng	100
53) 3-Nitroaniline	9.81	138	284860	23.455	ng	96
54) 2,4-Dinitrophenol	9.92	184	403852	76.710	ng	95
55) Dibenzofuran	10.06	168	2042032	36.740	ng	99
56) 4-Nitrophenol	9.99	139	590712	67.203	ng	97
57) 2,4-Dinitrotoluene	10.05	165	558782	38.556	ng	# 87
58) Fluorene	10.40	166	1556087	37.214	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	494824	39.089	ng	99
60) Diethylphthalate	10.28	149	1798164	38.637	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	830039	36.603	ng	96
62) 4-Nitroaniline	10.43	138	398738	32.784	ng	99
63) Azobenzene	10.56	77	1510581	38.019	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	304031	41.251	ng	98
66) n-Nitrosodiphenylamine	10.52	169	1464774	38.554	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	587939	37.892	ng	97
68) Hexachlorobenzene	10.96	284	659562	37.061	ng	98
69) Atrazine	11.05	200	520225	41.100	ng	100
70) Pentachlorophenol	11.15	266	622268	66.220	ng	99
71) Phenanthrene	11.36	178	2325708	36.038	ng	100
72) Anthracene	11.42	178	2367565	36.878	ng	100
73) Carbazole	11.57	167	2072239	36.779	ng	100
74) Di-n-butylphthalate	11.90	149	2676207	37.287	ng	99
75) Fluoranthene	12.55	202	2465414	34.990	ng	99
77) Benzidine	12.67	184	551613	19.824	ng	98
78) Pyrene	12.78	202	2438009	38.629	ng	100
80) Butylbenzylphthalate	13.39	149	1140016	39.574	ng	99
81) Benzo(a)anthracene	13.97	228	2075409	37.910	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	743788	33.219	ng	99
83) Chrysene	14.00	228	2029101	36.929	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1526092	41.756	ng	99
85) Di-n-octyl phthalate	14.56	149	2524343	40.317	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1840851	33.346	ng	99
88) Benzo(b)fluoranthene	15.00	252	2148009	47.705	ng	100
89) Benzo(k)fluoranthene	15.04	252	1786068	45.551	ng	100
90) Benzo(a)pyrene	15.36	252	1711361	44.411	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1575151	46.045	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1491514	45.337	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

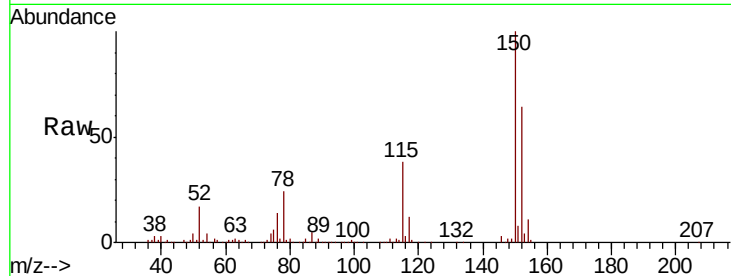
Tot Ion:152 Resp: 300003

Ion Ratio Lower Upper

152 100

150 156.0 123.6 185.4

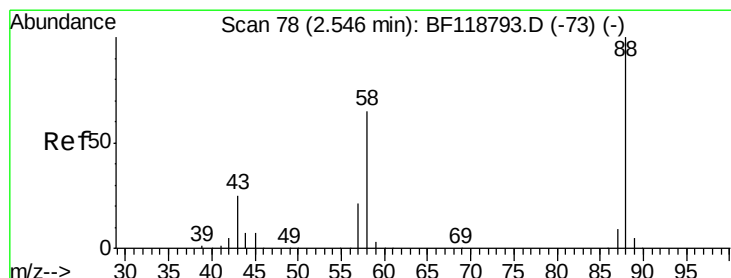
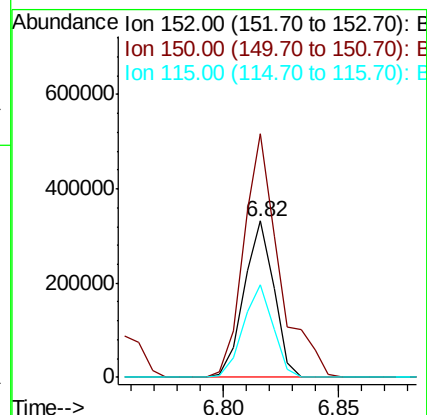
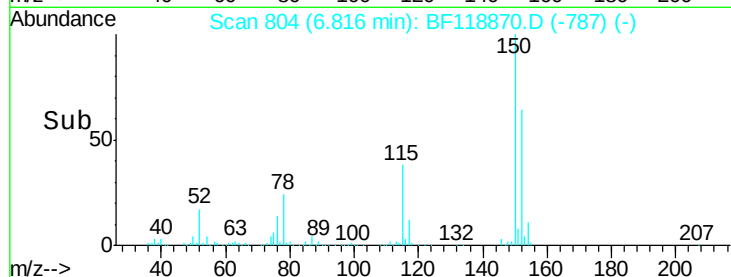
115 59.4 48.2 72.2



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: 36.039 ng

RT: 2.66 min Scan# 98

Delta R.T. 0.12 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

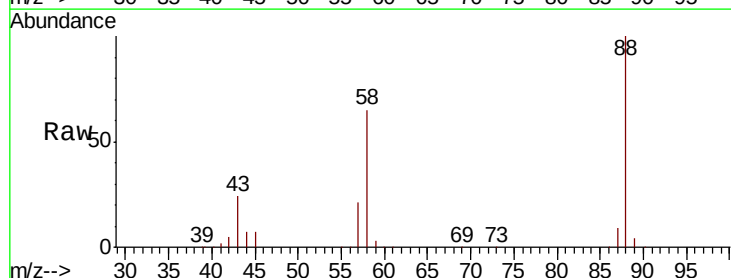
Tgt Ion: 88 Resp: 260296

Ion Ratio Lower Upper

88 100

58 65.2 51.6 77.4

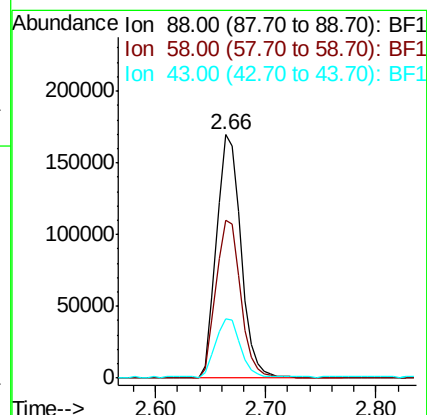
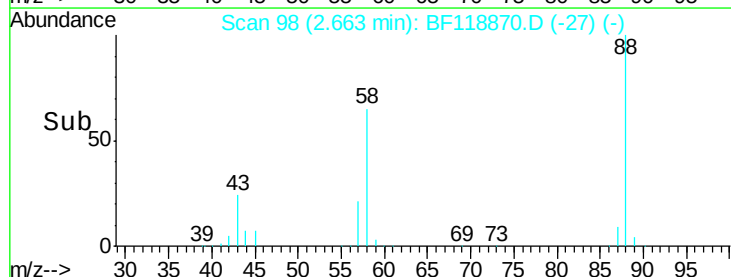
43 23.9 19.8 29.6

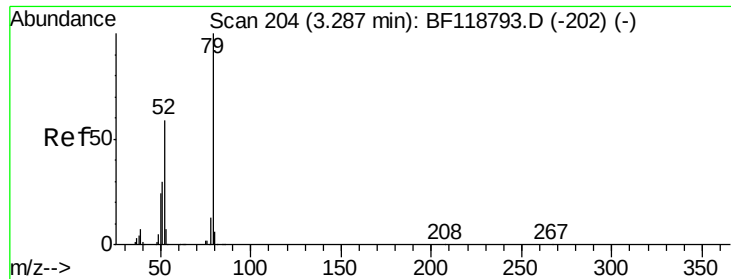


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.356 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.13 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

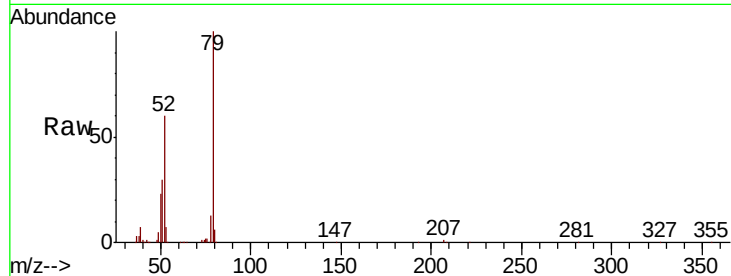
Tot Ion: 79 Resp: 729161

Ion Ratio Lower Upper

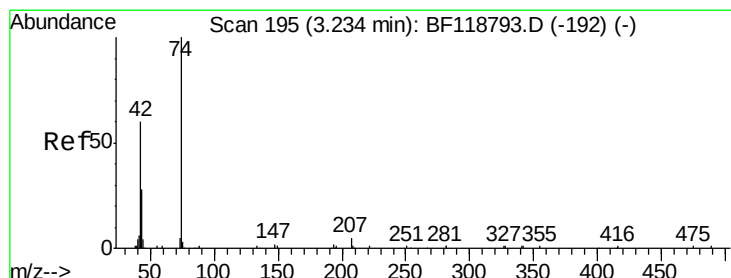
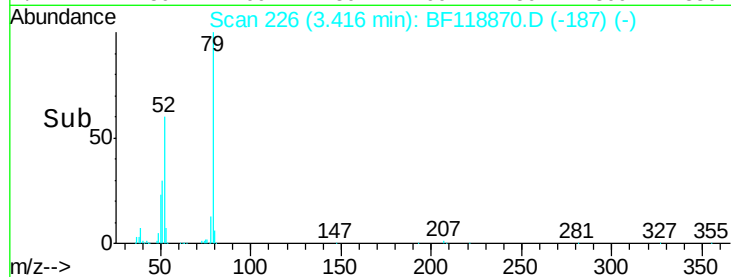
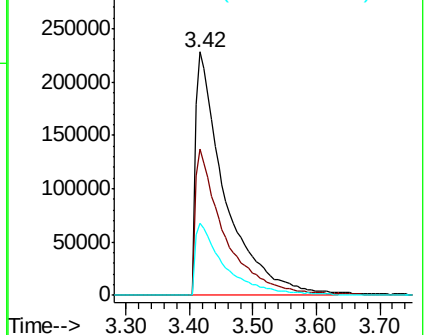
79 100

52 59.9 47.4 71.0

51 29.6 24.2 36.4



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



#4

n-Nitrosodimethylamine

Concen: 47.296 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.11 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

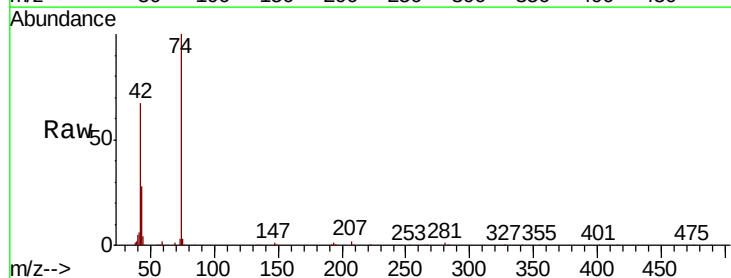
Tgt Ion: 42 Resp: 345357

Ion Ratio Lower Upper

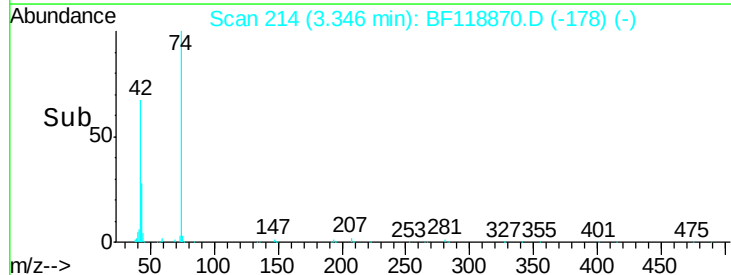
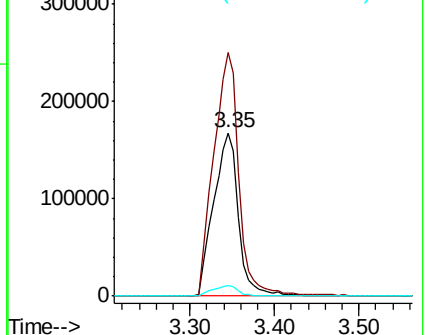
42 100

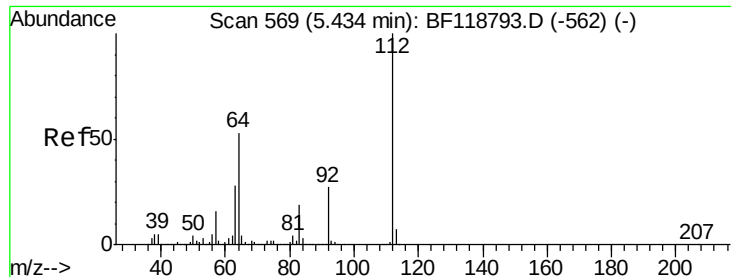
74 148.9 124.3 186.5

44 6.1 5.3 7.9



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





#5

2-Fluorophenol

Concen: 106.635 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

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PB126704BS

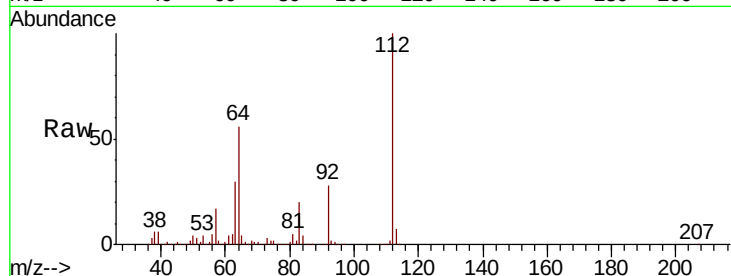
Tot Ion:112 Resp: 1690014

Ion Ratio Lower Upper

112 100

64 55.8 42.6 63.8

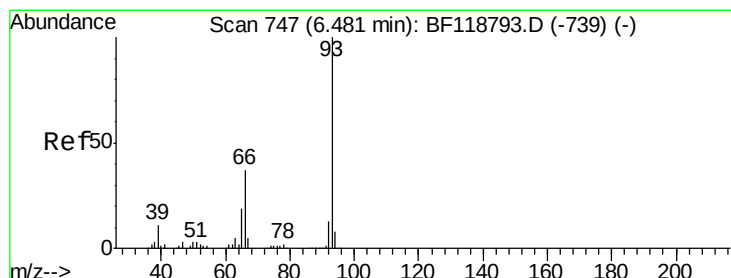
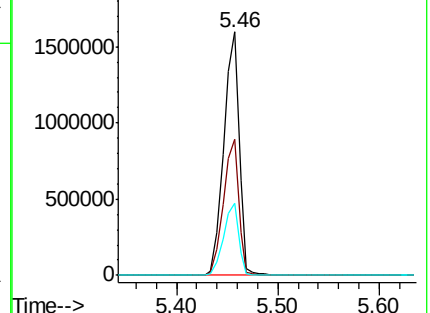
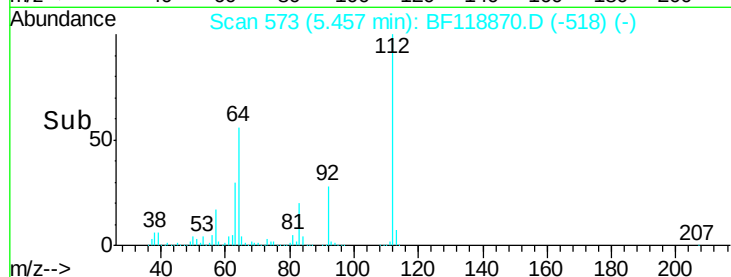
63 29.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.770 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

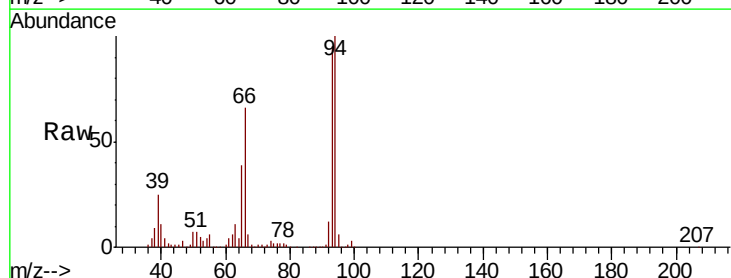
Tgt Ion: 93 Resp: 652982

Ion Ratio Lower Upper

93 100

66 70.0 30.8 46.2#

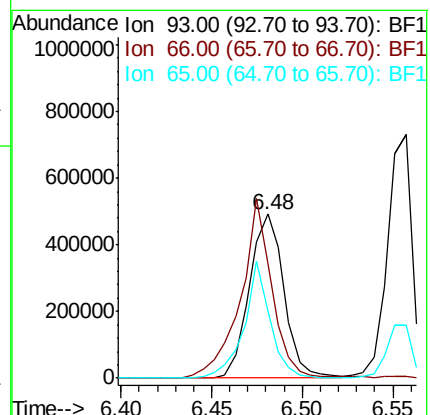
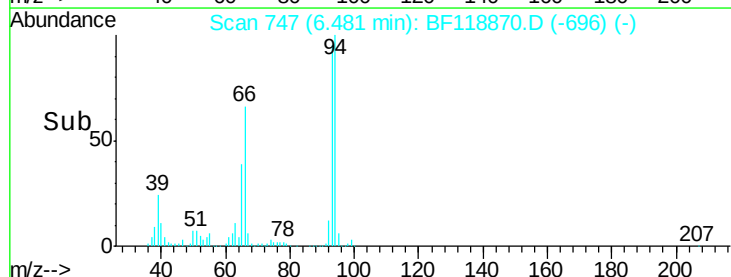
65 41.1 15.4 23.0#

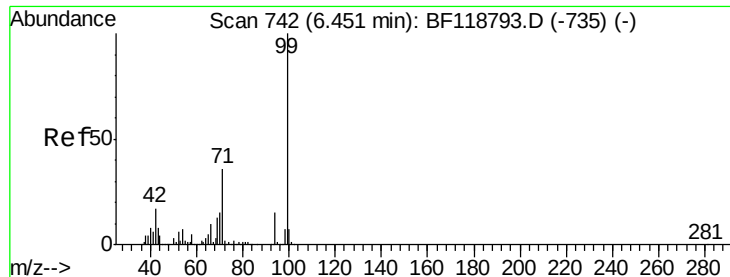


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.762 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

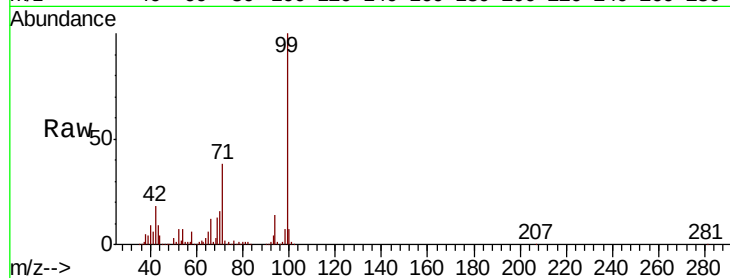
BNA_F

ClientSampleId :

PB126704BS

Tot Ion: 99 Resp: 2139760

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.0
71	38.3	29.0	43.6

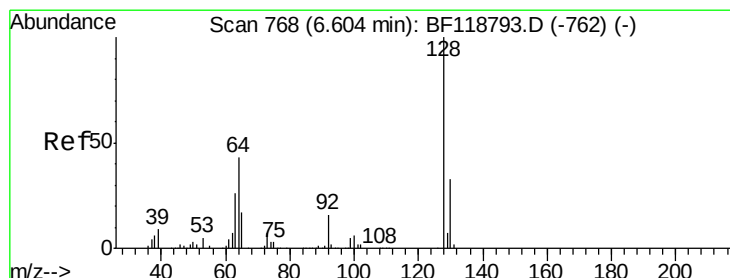
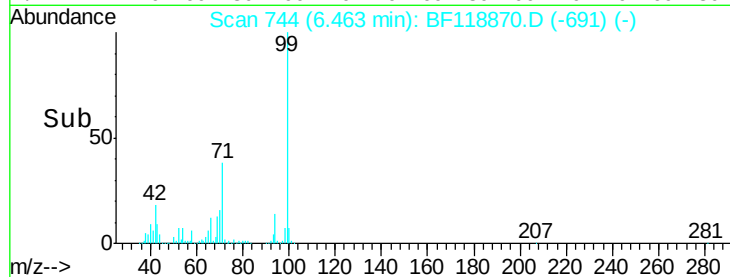


Abundance

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: 41.650 ng

RT: 6.61 min Scan# 769

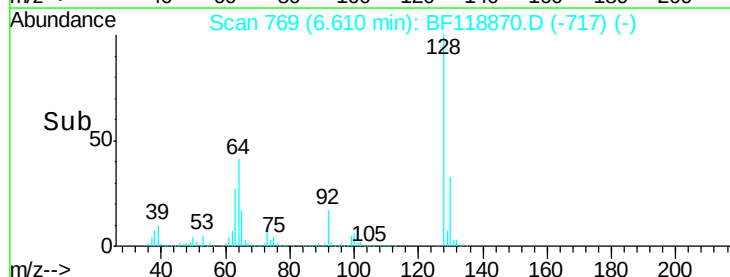
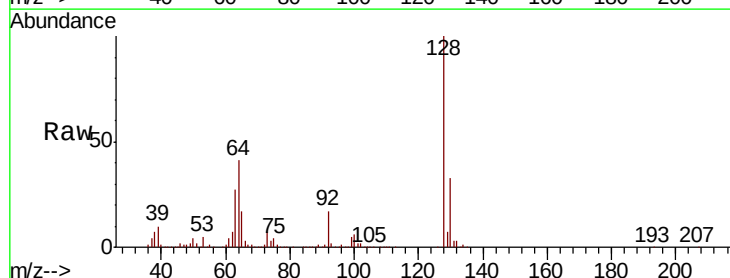
Delta R.T. 0.01 min

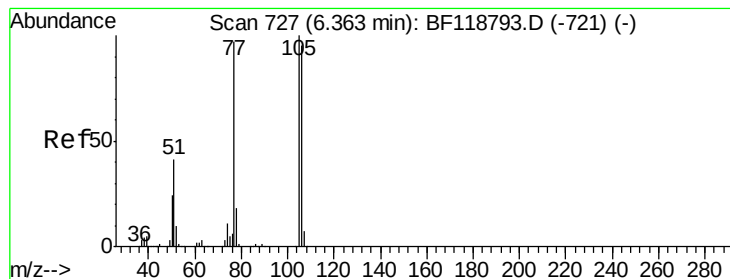
Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion: 128 Resp: 735236

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	41.3	23.0	63.0





#9

Benzaldehyde

Concen: 13.922 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

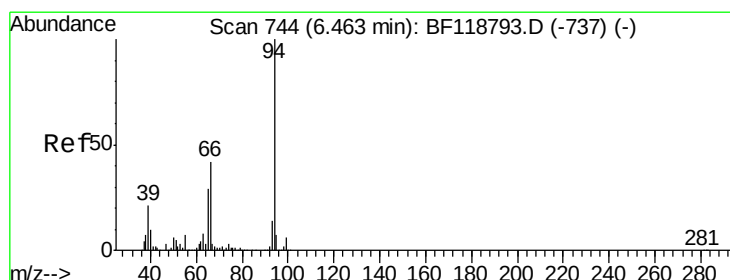
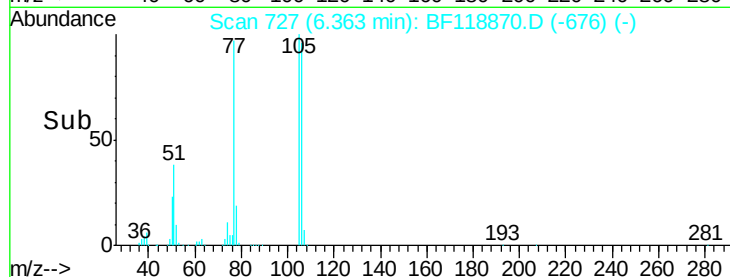
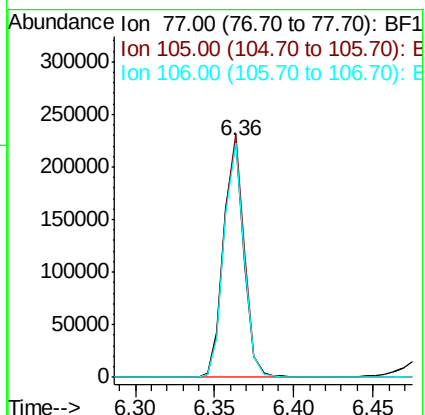
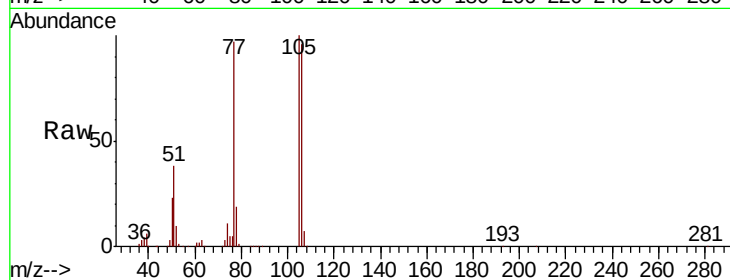
Tot Ion: 77 Resp: 199539

Ion Ratio Lower Upper

77 100

105 103.2 82.8 122.8

106 99.5 78.1 118.1



#10

Phenol

Concen: 38.305 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

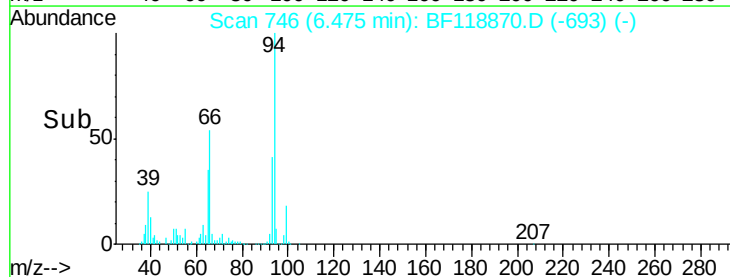
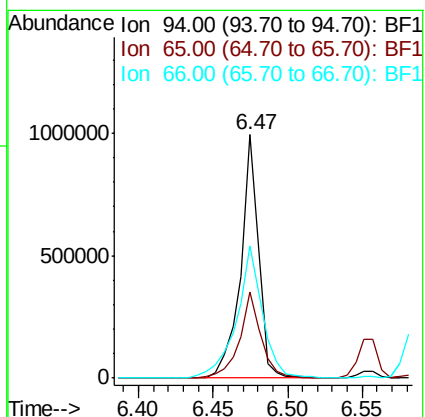
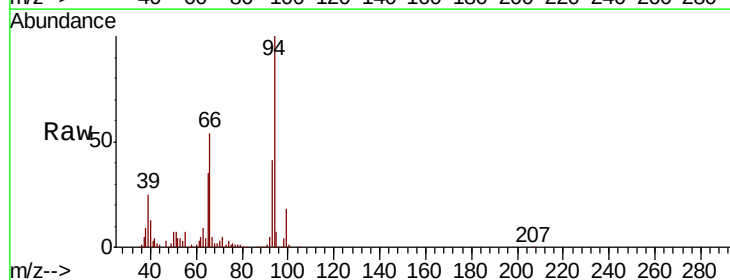
Tgt Ion: 94 Resp: 837946

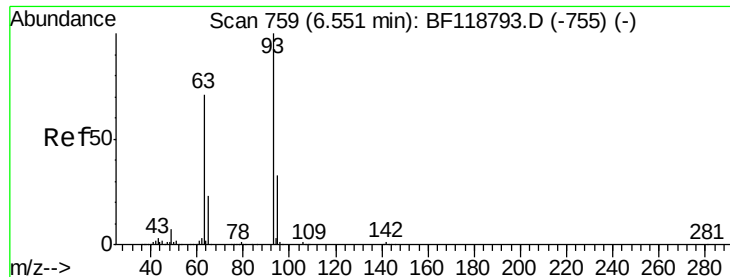
Ion Ratio Lower Upper

94 100

65 35.2 9.1 49.1

66 54.3 21.7 61.7

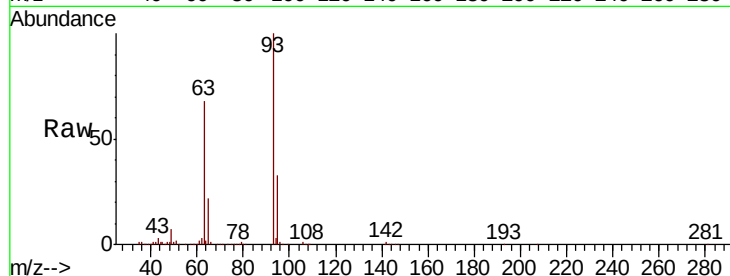




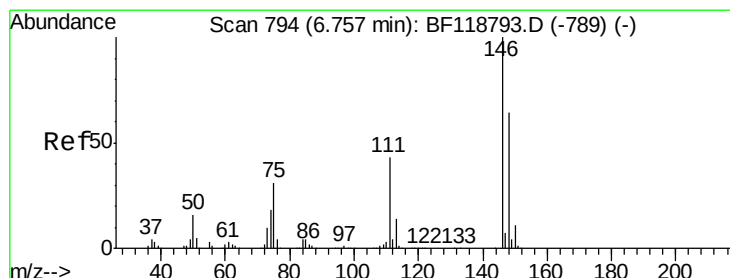
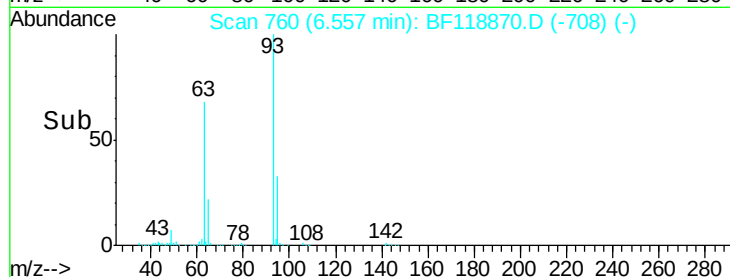
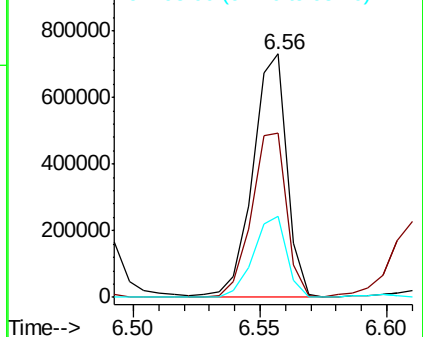
#11
bis(2-Chloroethyl)ether
Concen: 40.452 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion: 93 Resp: 677011
Ion Ratio Lower Upper
93 100
63 67.6 50.7 90.7
95 33.1 12.6 52.6

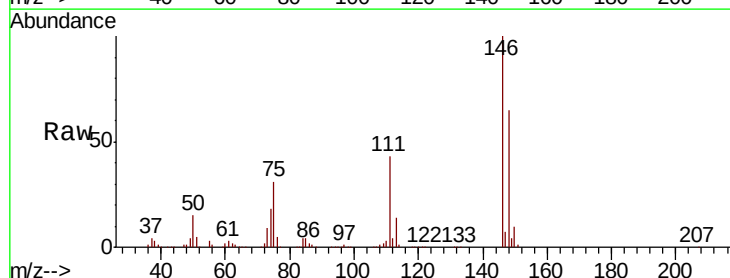


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

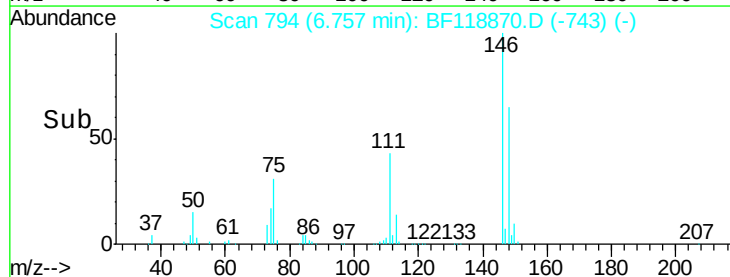
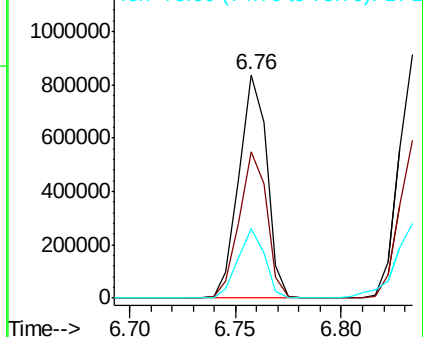


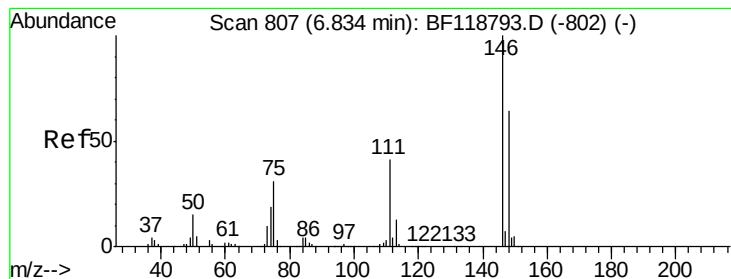
#12
1,3-Dichlorobenzene
Concen: 36.624 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion: 146 Resp: 769556
Ion Ratio Lower Upper
146 100
148 65.3 51.1 76.7
75 31.0 25.0 37.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.442 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

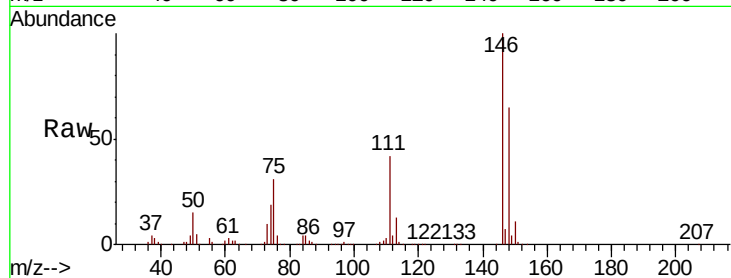
Tot Ion:146 Resp: 784752

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

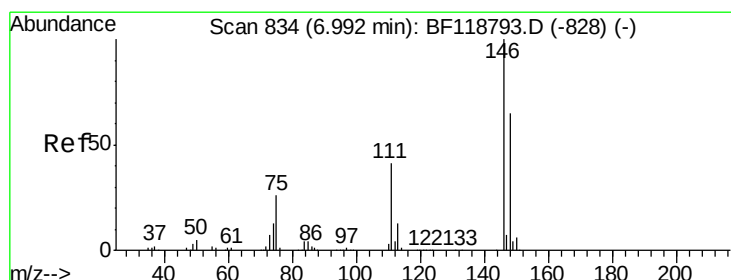
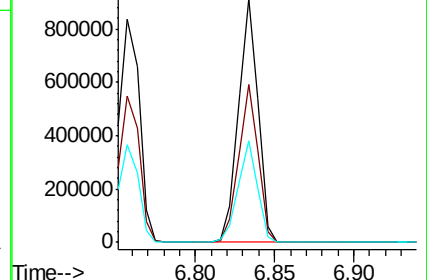
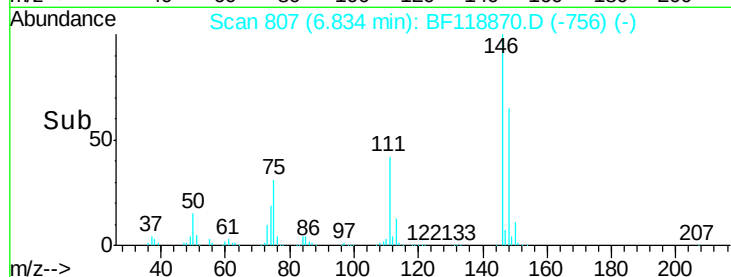
111 41.8 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.373 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

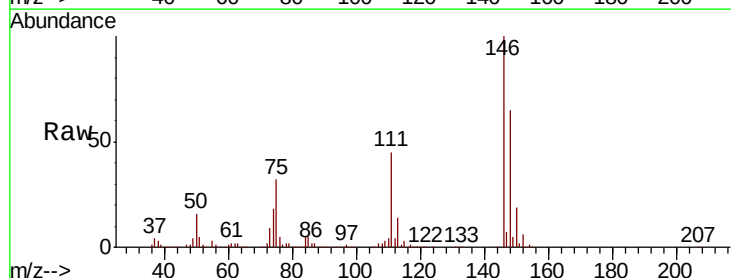
Tgt Ion:146 Resp: 728240

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

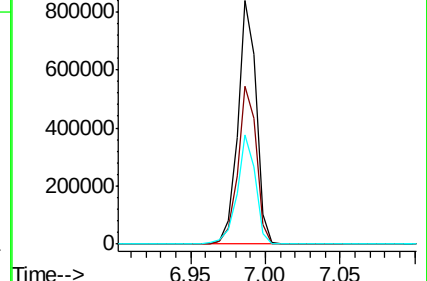
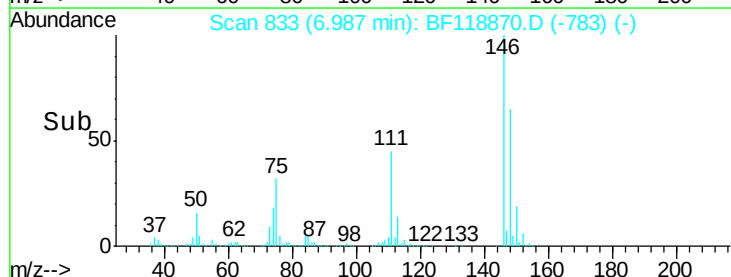
111 44.7 32.7 49.1

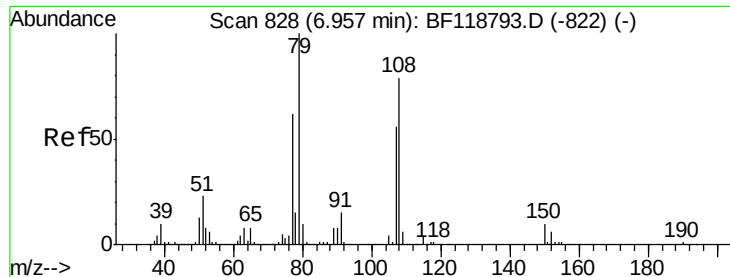


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.302 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

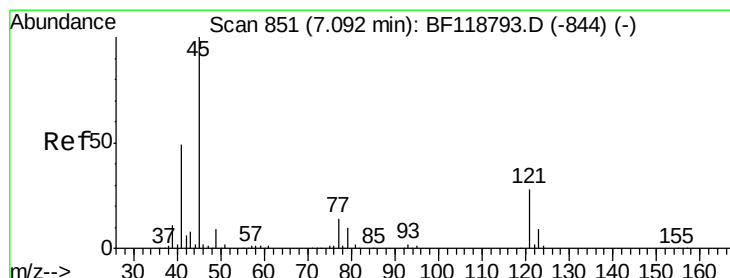
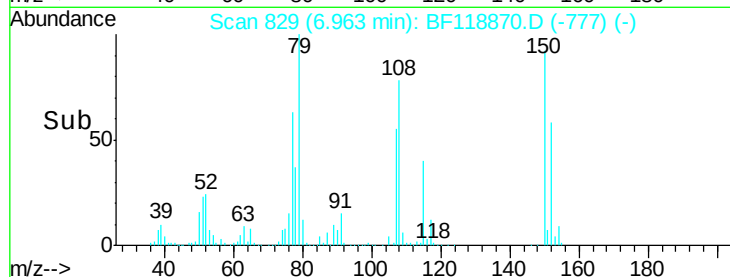
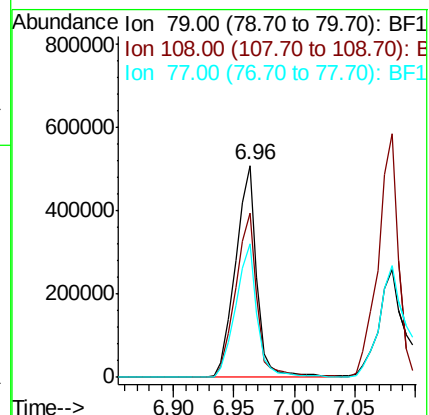
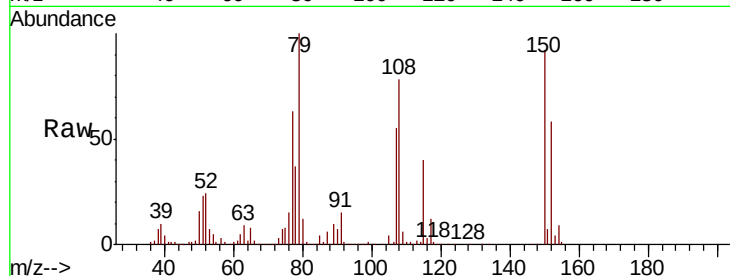
Tot Ion: 79 Resp: 628076

Ion Ratio Lower Upper

79 100

108 77.6 62.9 94.3

77 62.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.799 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

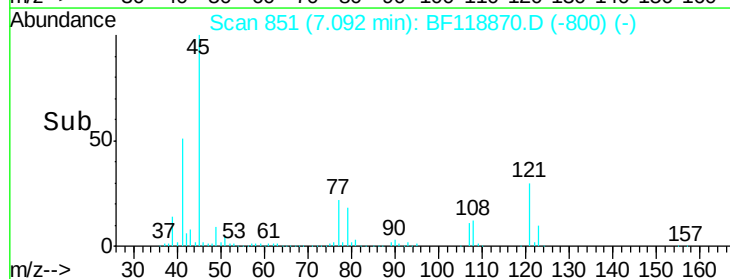
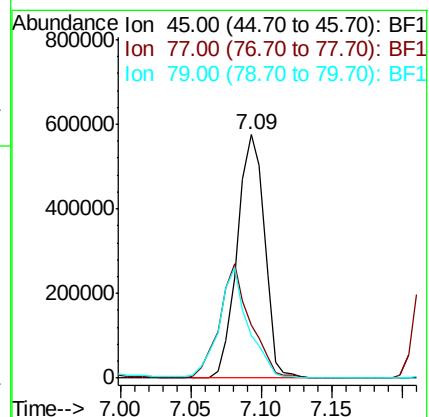
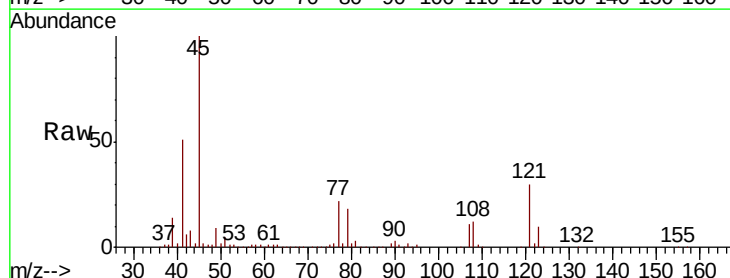
Tgt Ion: 45 Resp: 774711

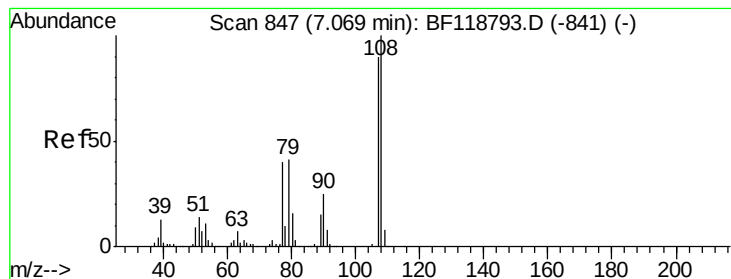
Ion Ratio Lower Upper

45 100

77 21.6 0.0 37.1

79 17.6 0.0 33.1





#17

2-Methylphenol

Concen: 42.334 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:107 Resp: 621303

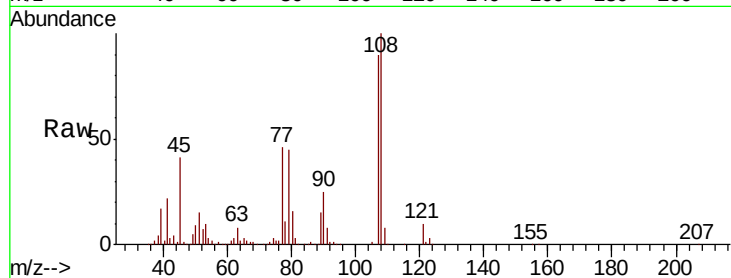
Ion Ratio Lower Upper

107 100

108 111.0 89.3 133.9

77 51.2 36.2 54.2

79 49.5 36.3 54.5

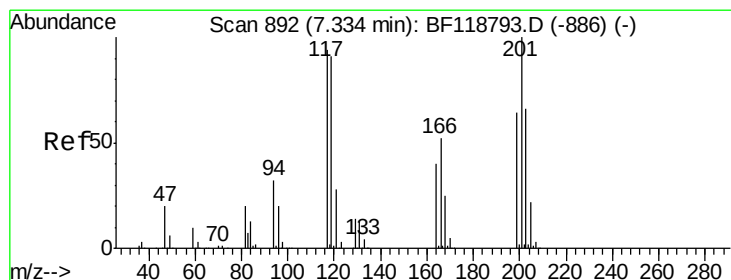
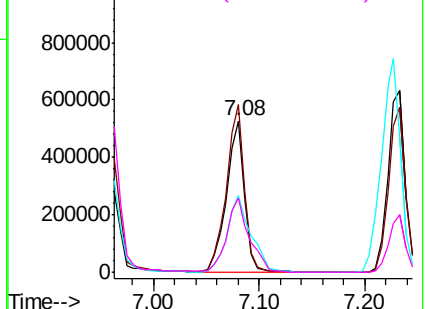
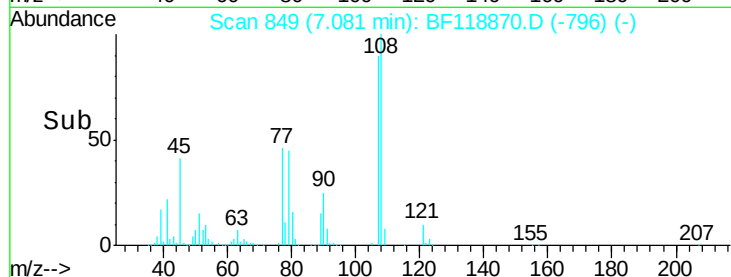


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.036 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

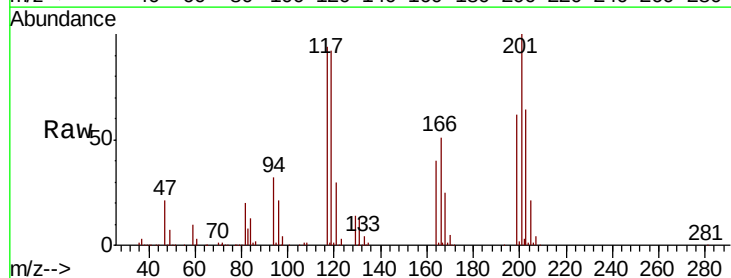
Tgt Ion:117 Resp: 278602

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

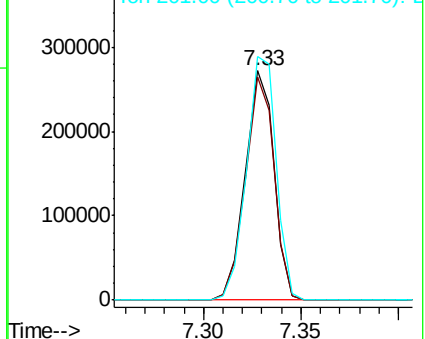
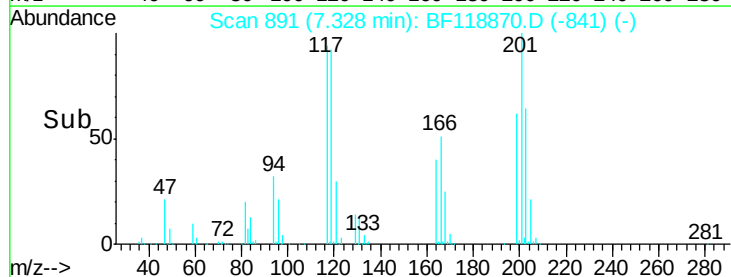
201 106.1 85.1 127.7

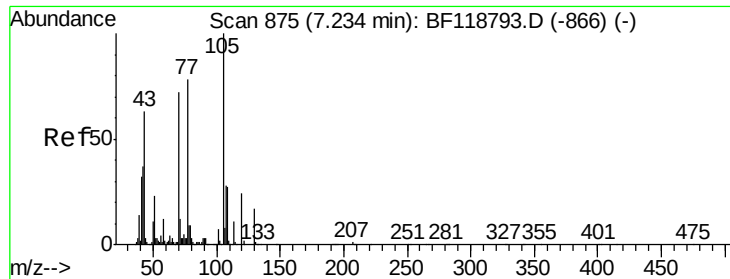


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

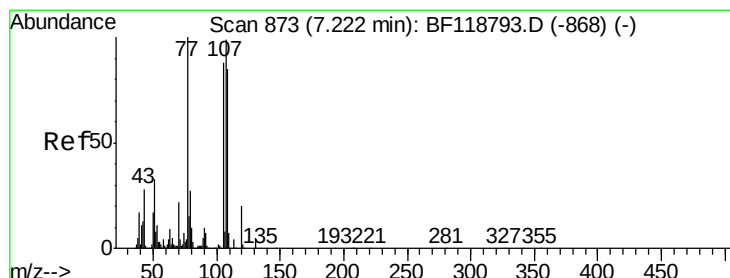
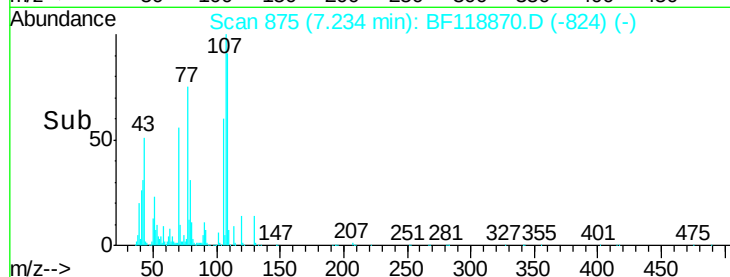
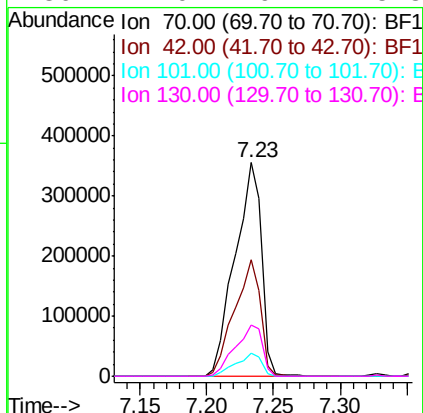
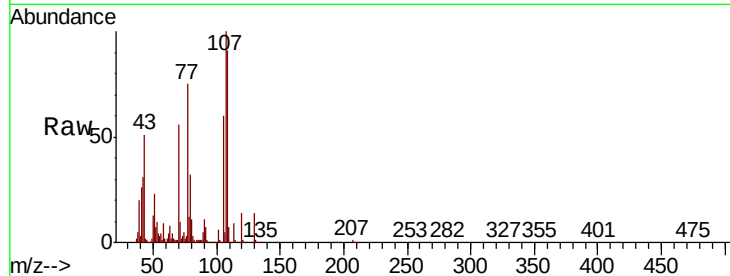




#19
n-Nitroso-di-n-propylamine
Concen: 40.855 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

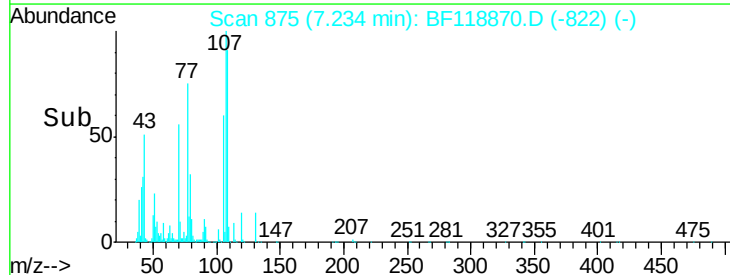
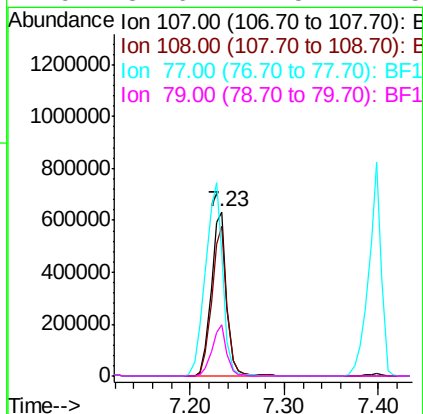
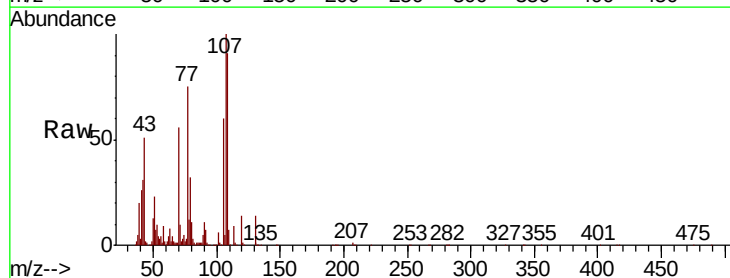
Instrument :
BNA_F
ClientSampleId :
PB126704BS

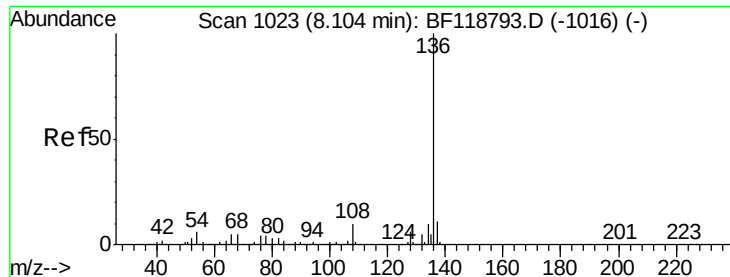
Tot Ion:	70	Resp:	491796
Ion	Ratio	Lower	Upper
70	100		
42	54.3	41.5	62.3
101	10.9	8.3	12.5
130	24.0	19.2	28.8



#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:	107	Resp:	729042
Ion	Ratio	Lower	Upper
107	100		
108	91.1	65.9	105.9
77	75.0	80.9	120.9#
79	31.6	7.5	47.5



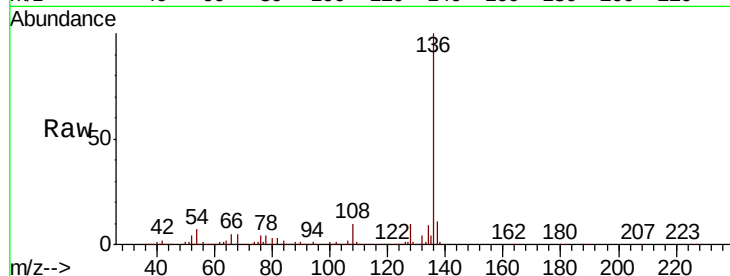


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

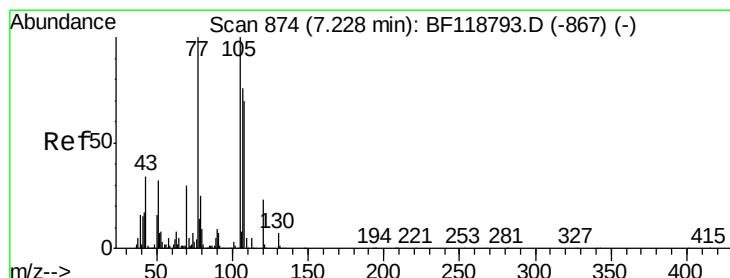
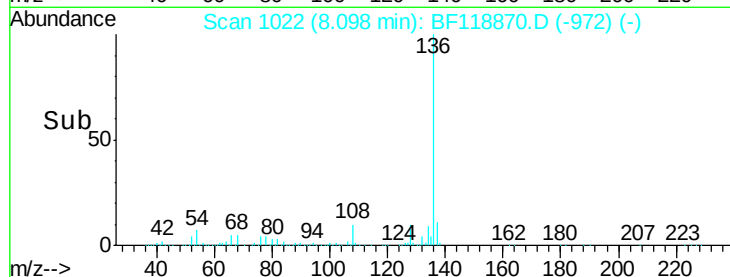
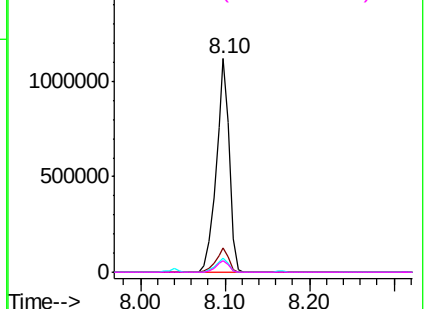
Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:136 Resp: 1220312

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.5	5.0	7.6
68	5.5	4.2	6.4



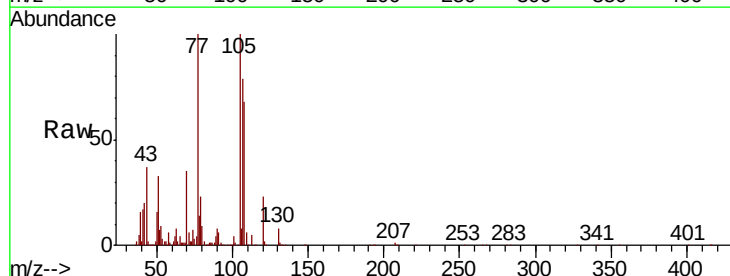
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



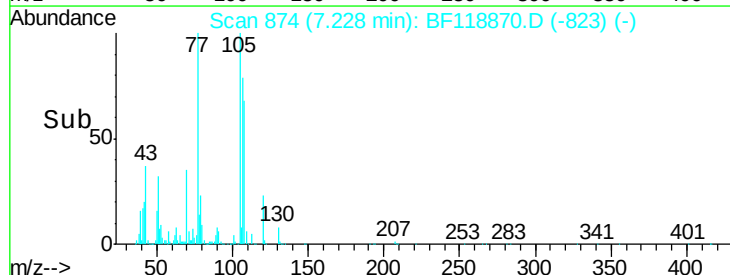
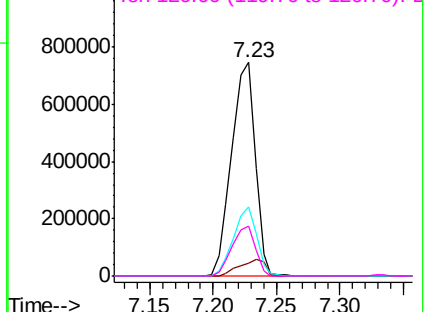
#22
Acetophenone
Concen: 36.402 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

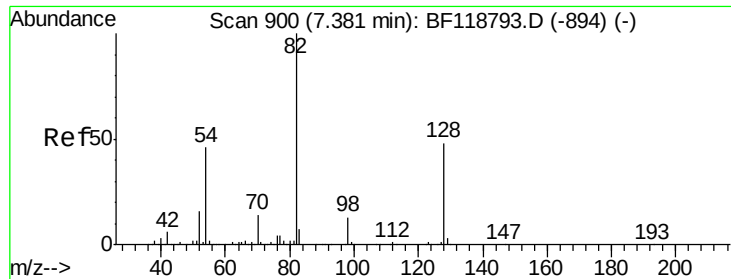
Tgt Ion:105 Resp: 965131

Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.2	6.4
51	32.5	25.5	38.3
120	23.1	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

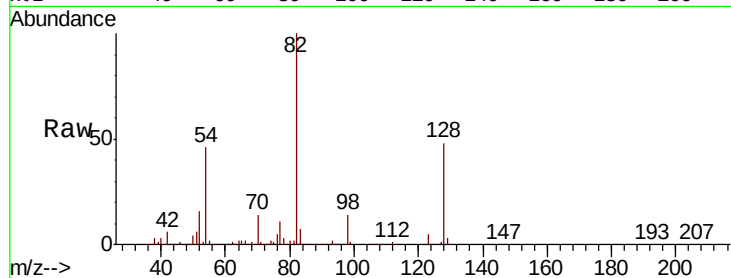




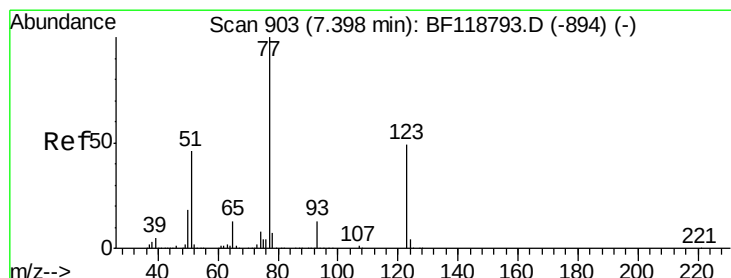
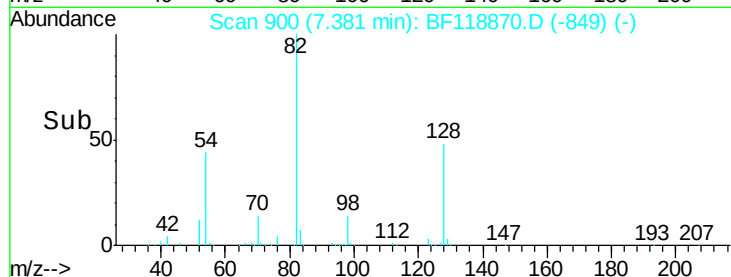
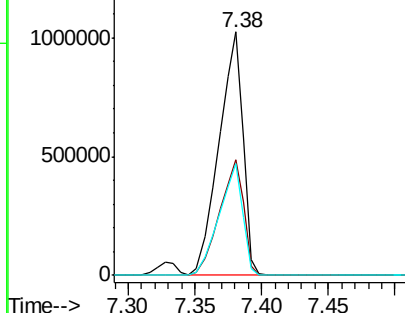
#23
 Nitrobenzene-d5
 Concen: 63.462 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Tot Ion: 82 Resp: 1299281
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.5 57.7
 54 45.9 36.7 55.1

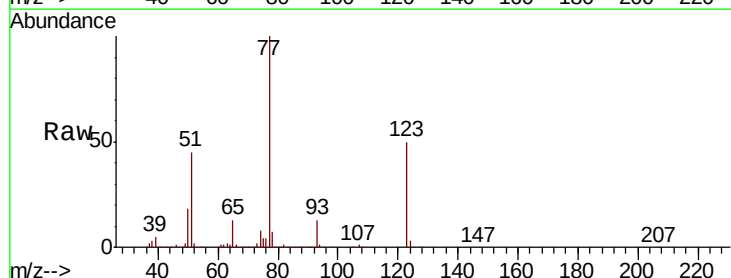


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

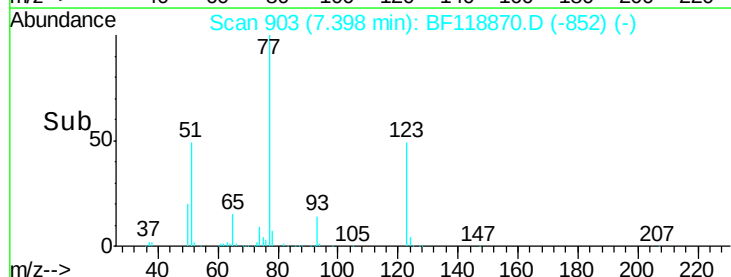
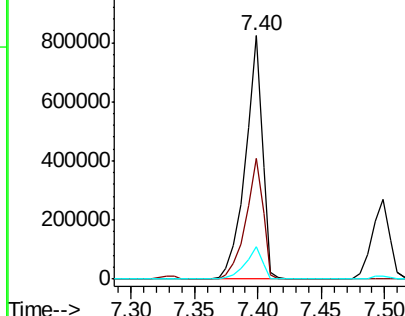


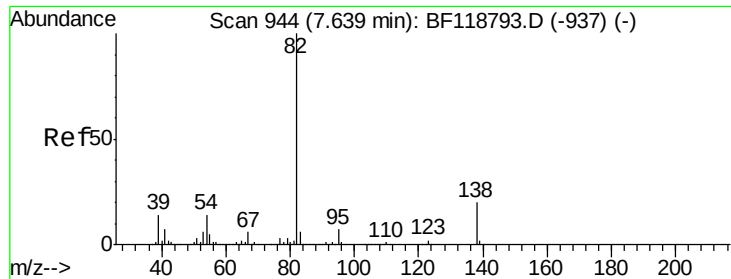
#24
 Nitrobenzene
 Concen: 37.139 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion: 77 Resp: 759585
 Ion Ratio Lower Upper
 77 100
 123 49.6 39.0 58.4
 65 13.4 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.642 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

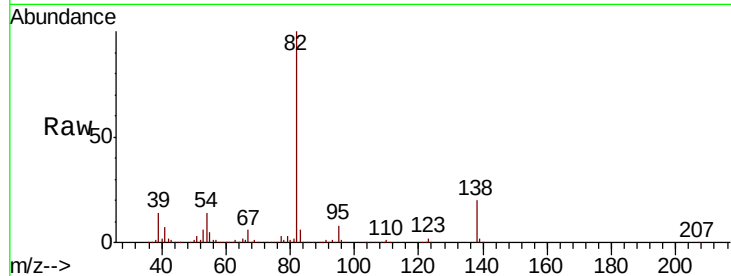
Tot Ion: 82 Resp: 1421837

Ion Ratio Lower Upper

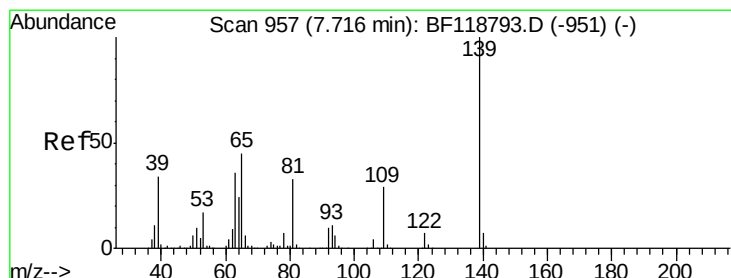
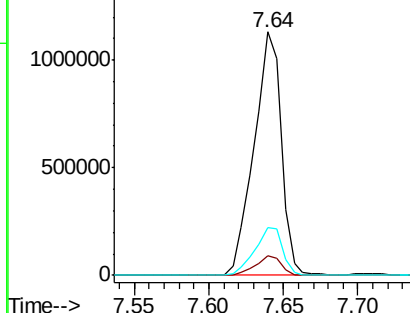
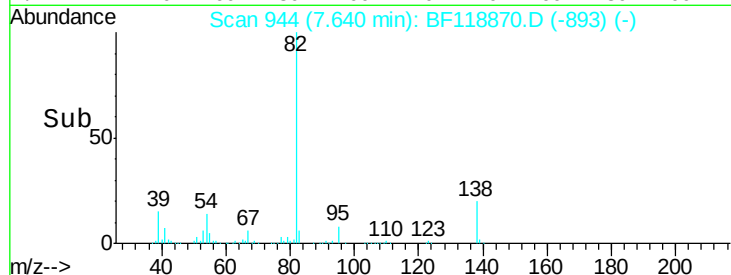
82 100

95 7.8 6.0 9.0

138 19.7 15.7 23.5



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



#26

2-Nitrophenol

Concen: 40.170 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

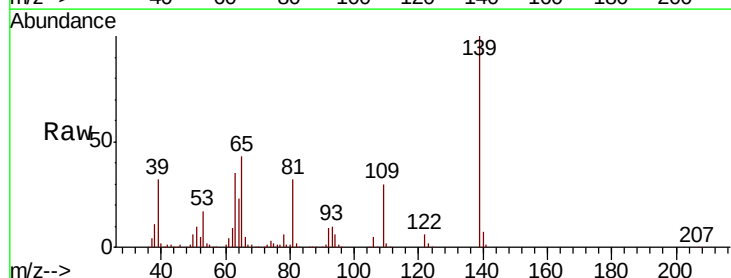
Tgt Ion: 139 Resp: 437791

Ion Ratio Lower Upper

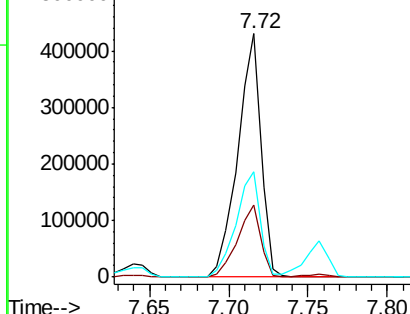
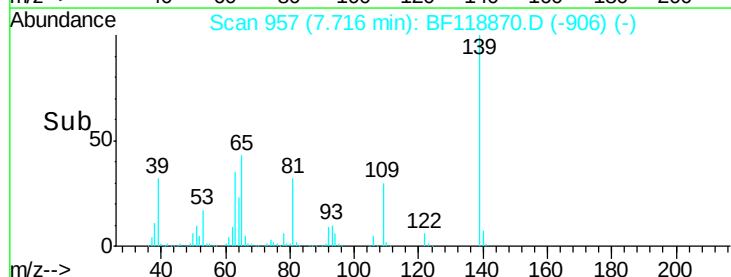
139 100

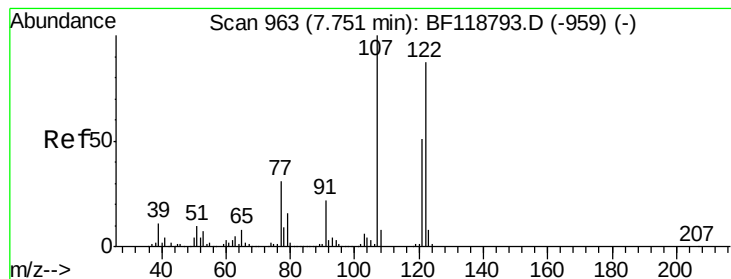
109 29.8 23.4 35.0

65 43.4 36.2 54.2



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: 44.617 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

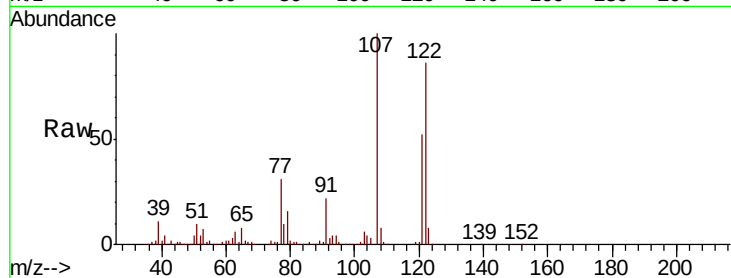
Tot Ion:122 Resp: 660532

Ion Ratio Lower Upper

122 100

107 116.1 92.2 138.2

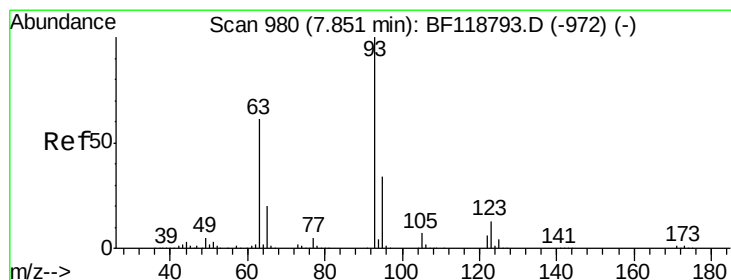
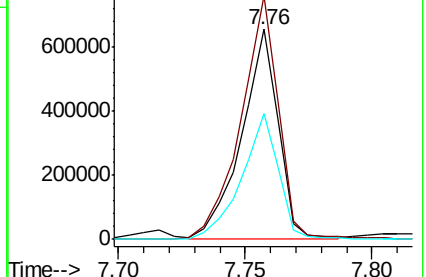
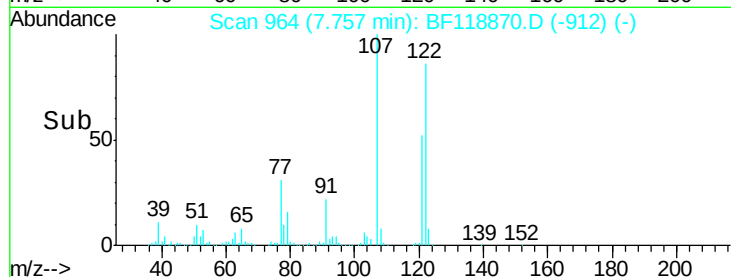
121 59.9 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.699 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

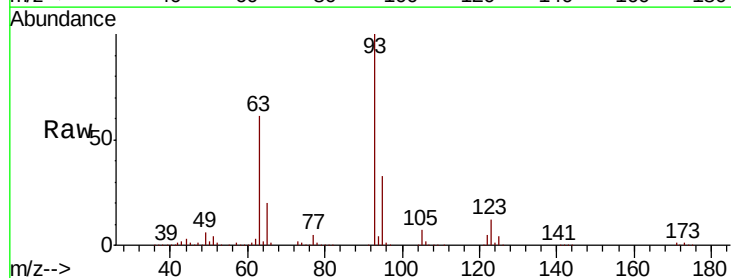
Tgt Ion: 93 Resp: 899486

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

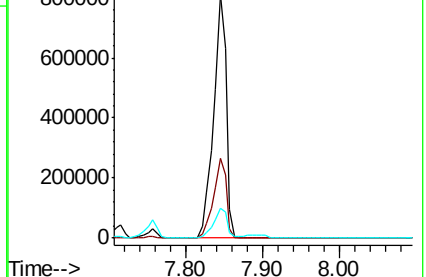
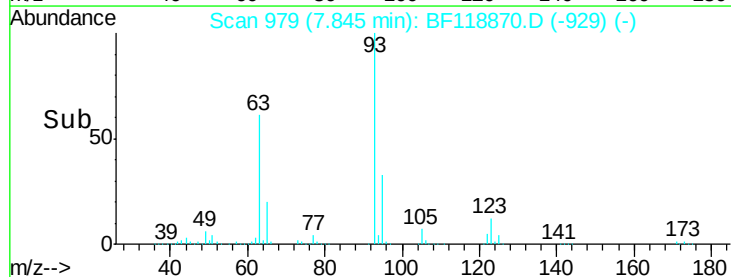
123 12.3 10.6 15.8

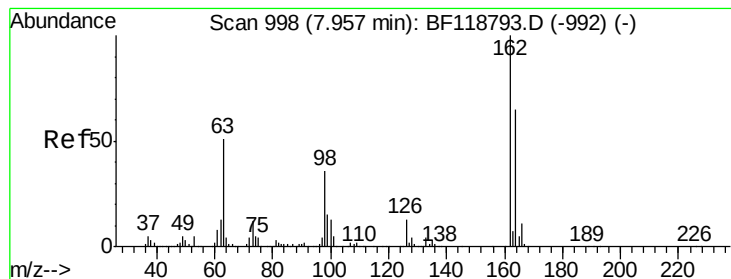


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.821 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

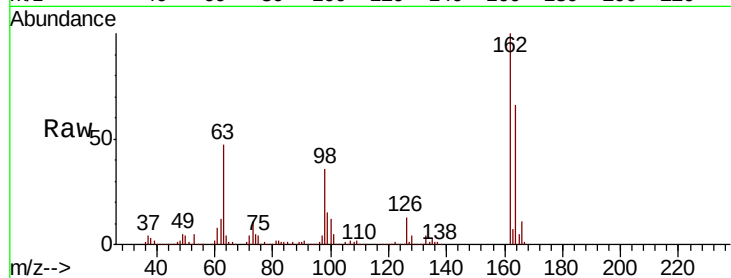
Tot Ion:162 Resp: 688284

Ion Ratio Lower Upper

162 100

164 65.5 44.8 84.8

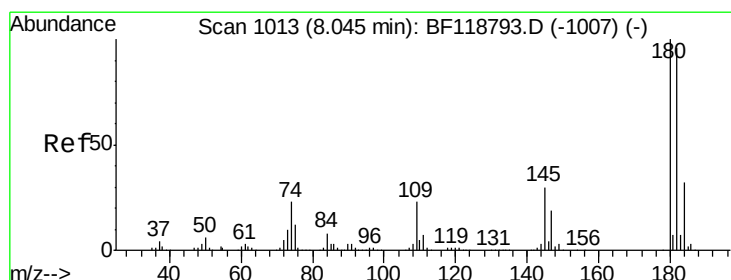
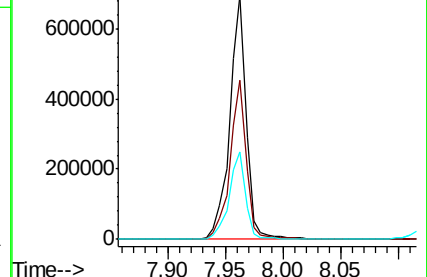
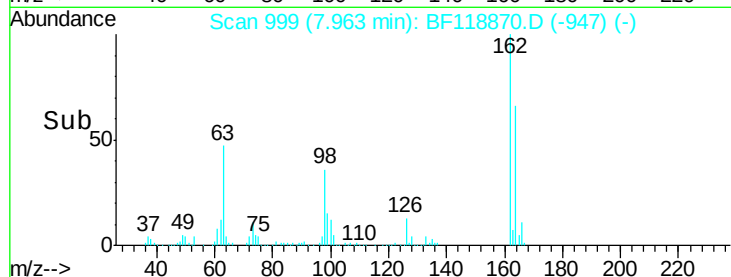
98 35.9 16.4 56.4



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: 36.135 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

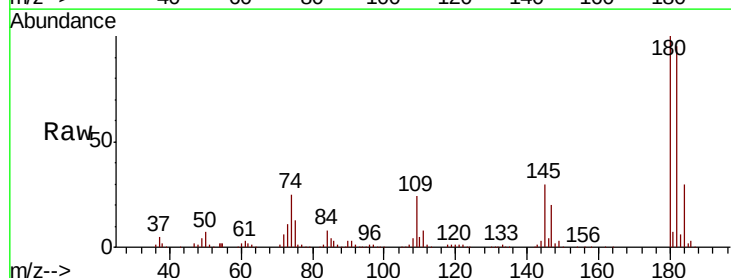
Tgt Ion:180 Resp: 748837

Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

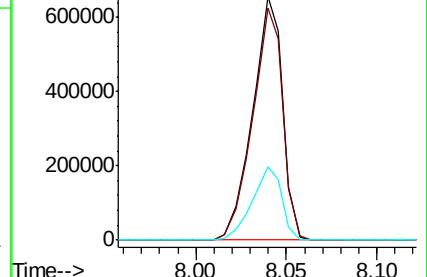
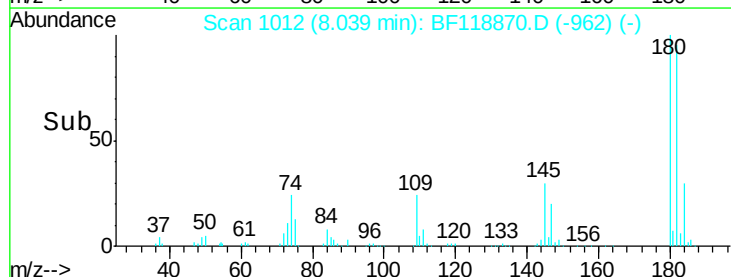
145 30.2 24.0 36.0

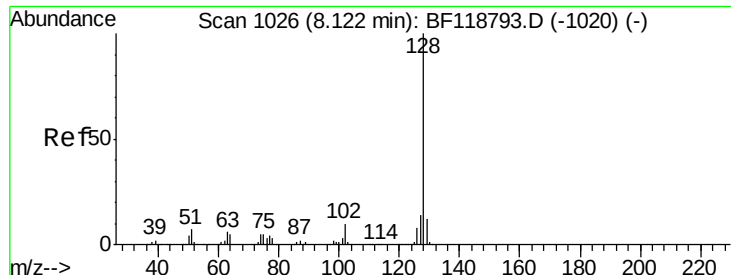


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

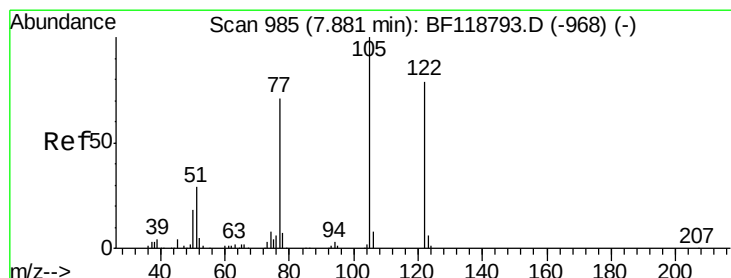
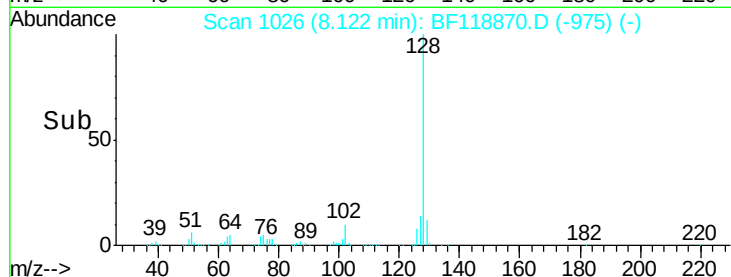
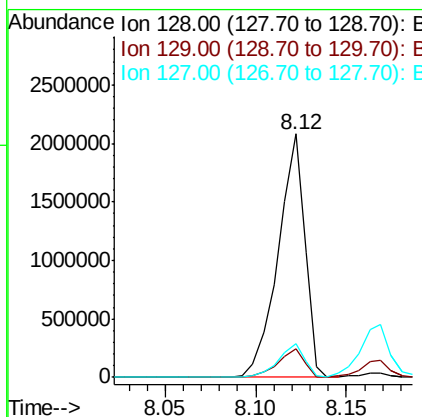
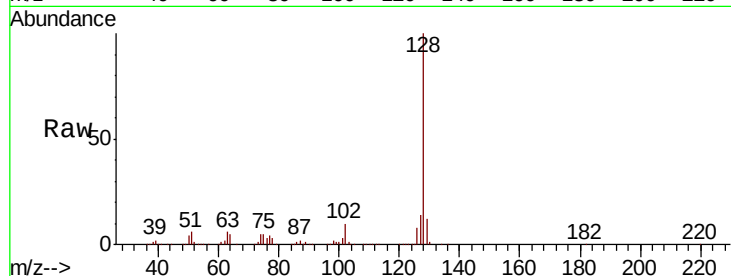




#31
Naphthalene
Concen: 38.306 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

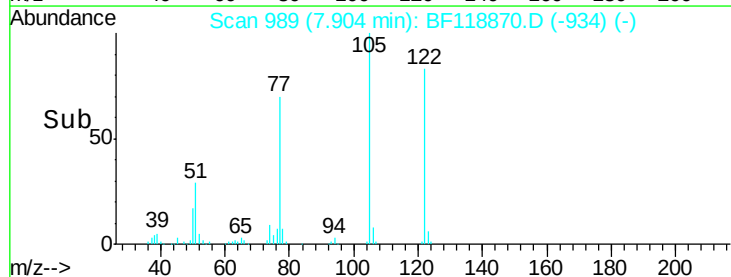
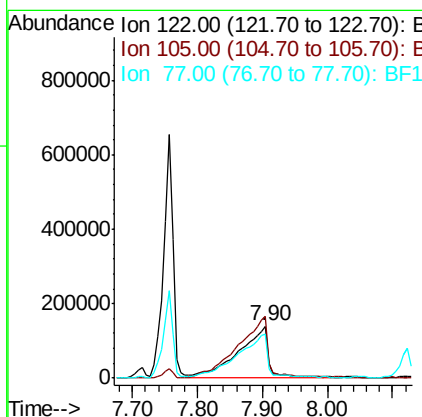
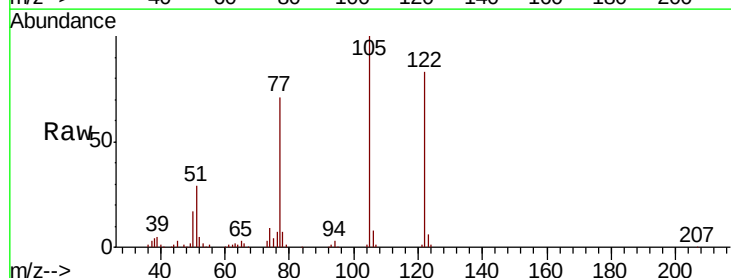
Instrument :
BNA_F
ClientSampleId :
PB126704BS

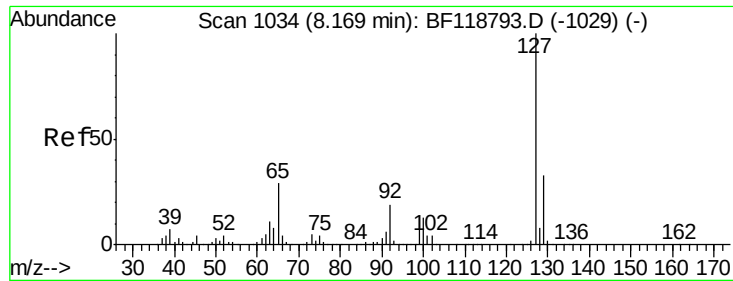
Tot Ion:128 Resp: 2137925
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 35.610 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:122 Resp: 436485
Ion Ratio Lower Upper
122 100
105 119.9 104.4 144.4
77 85.2 69.3 109.3

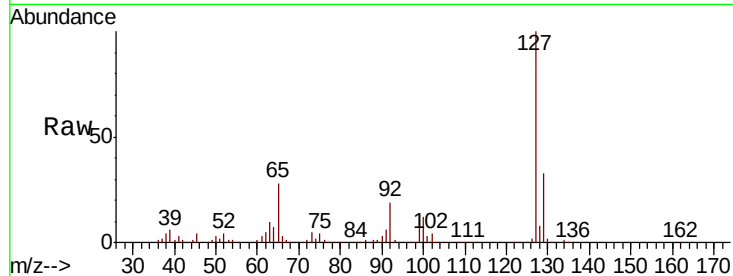




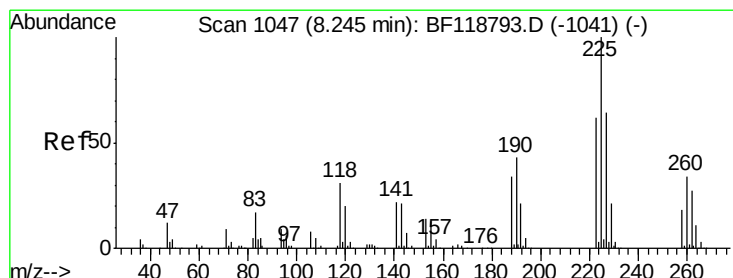
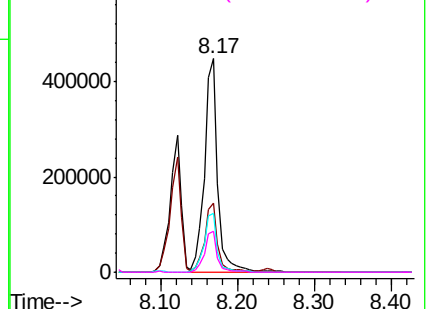
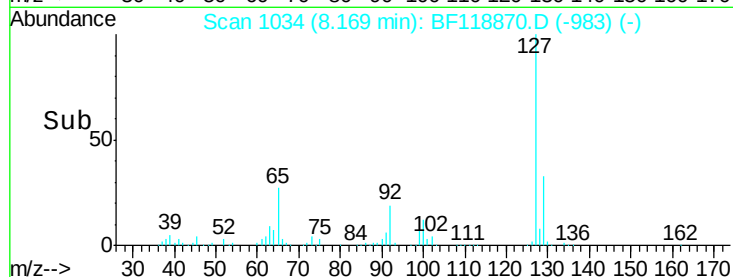
#33
4-Chloroaniline
Concen: 21.440 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:	127	Resp:	535356
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	27.8	22.9	34.3
92	19.0	15.4	23.0

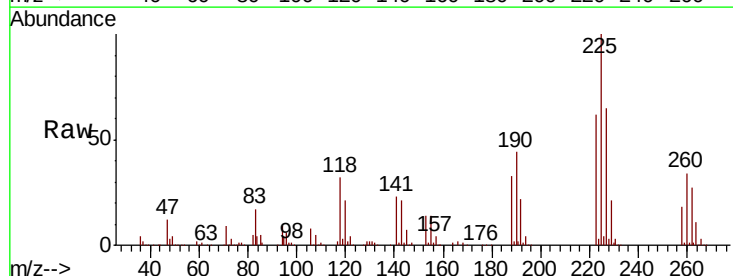


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

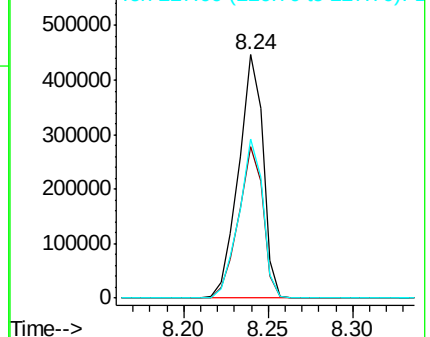
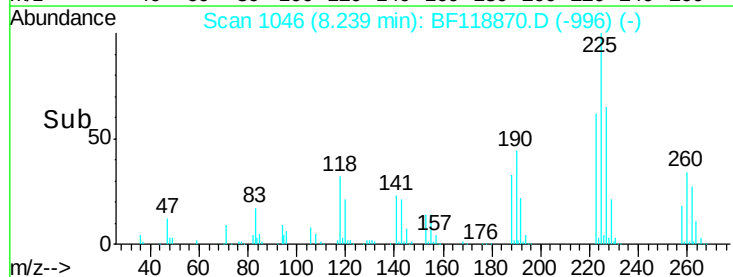


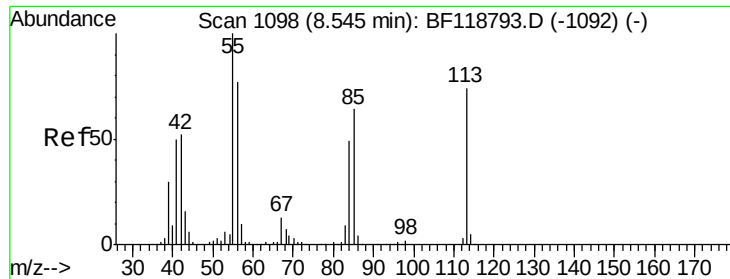
#34
Hexachlorobutadiene
Concen: 35.538 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:	225	Resp:	451195
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	65.2	51.0	76.4



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

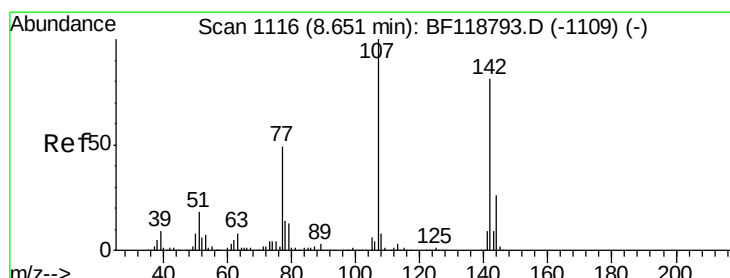
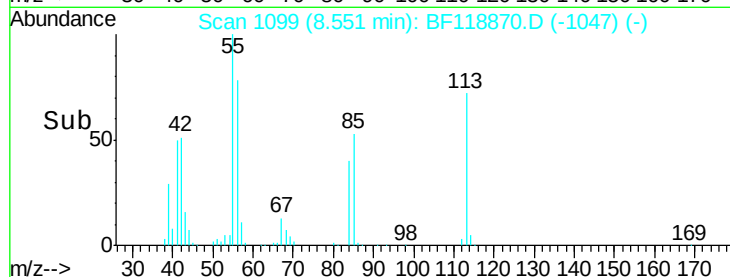
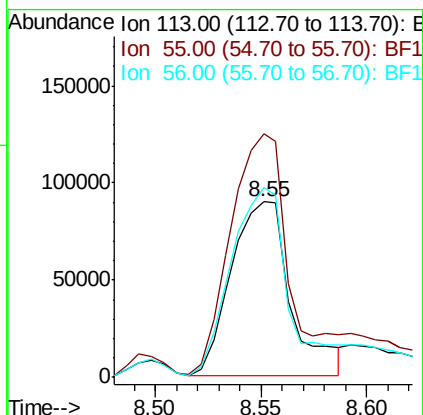
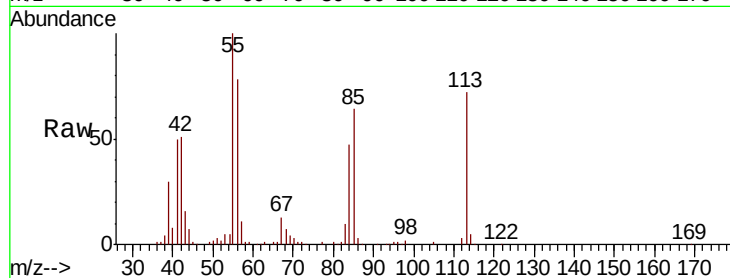




#35
Caprolactam
Concen: 30.501 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

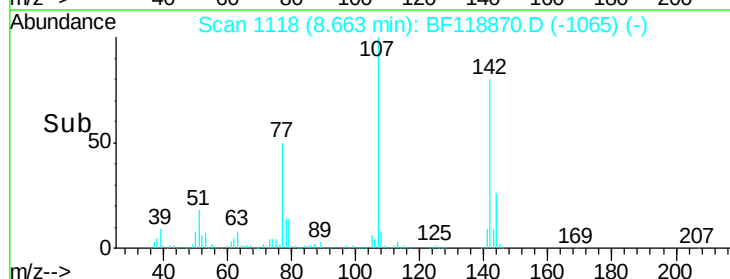
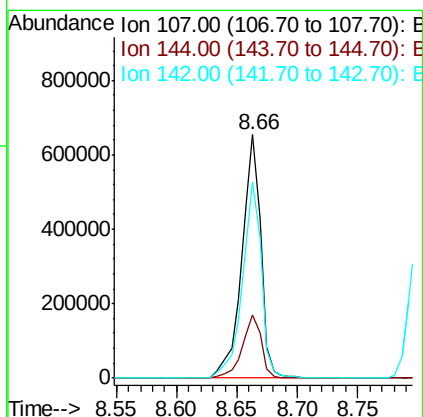
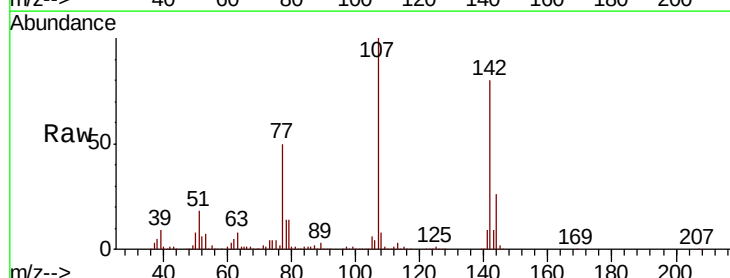
Instrument :
BNA_F
ClientSampleId :
PB126704BS

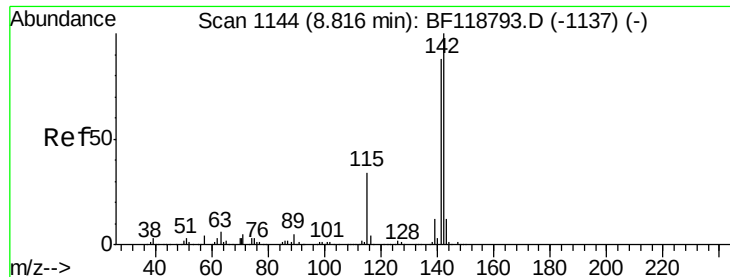
Tot Ion:113 Resp: 175308
Ion Ratio Lower Upper
113 100
55 138.8 115.5 155.5
56 108.4 83.7 123.7



#36
4-Chloro-3-methylphenol
Concen: 40.240 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:107 Resp: 717983
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.6
142 80.4 64.8 97.2

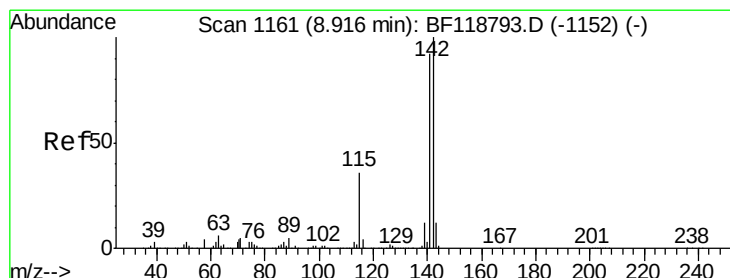
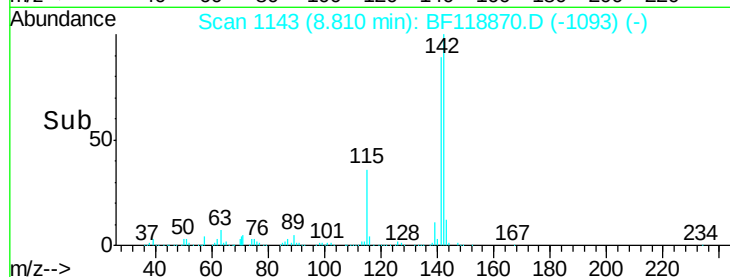
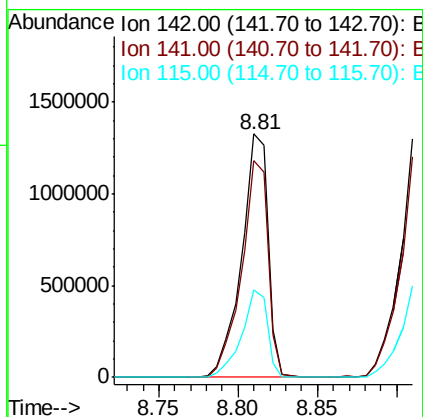
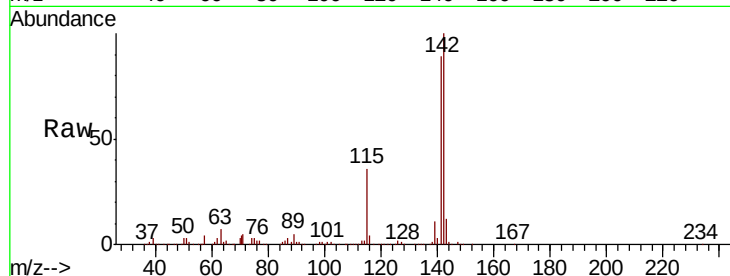




#37
 2-Methylnaphthalene
 Concen: 39.709 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

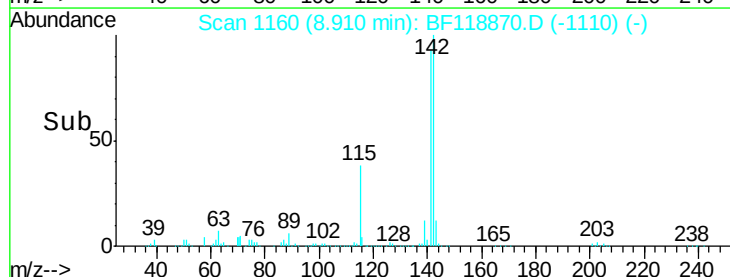
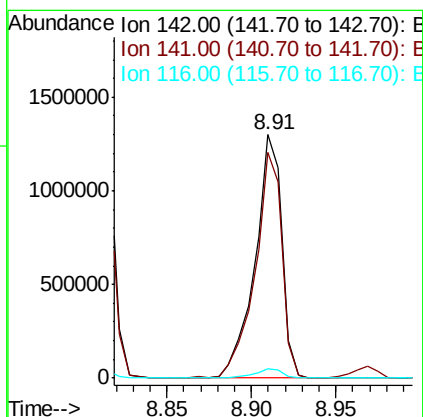
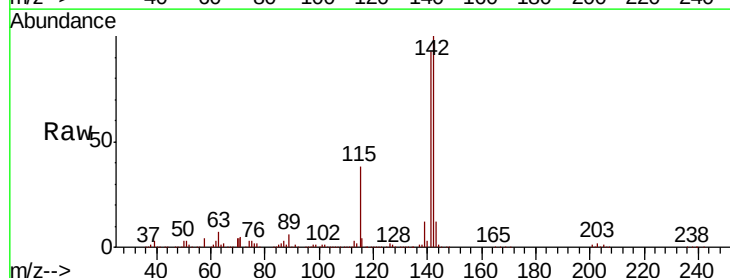
Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

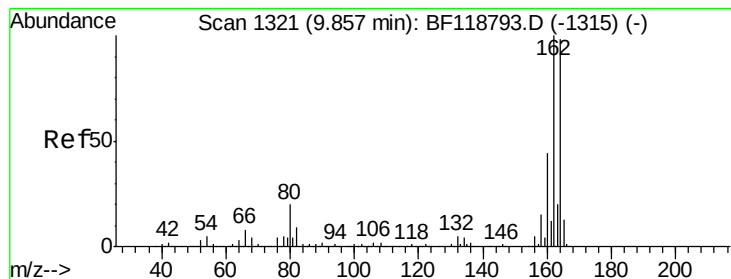
Tot Ion:142 Resp: 1537079
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.1 105.1
 115 35.7 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 39.443 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion:142 Resp: 1436247
 Ion Ratio Lower Upper
 142 100
 141 92.6 73.8 110.6
 116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

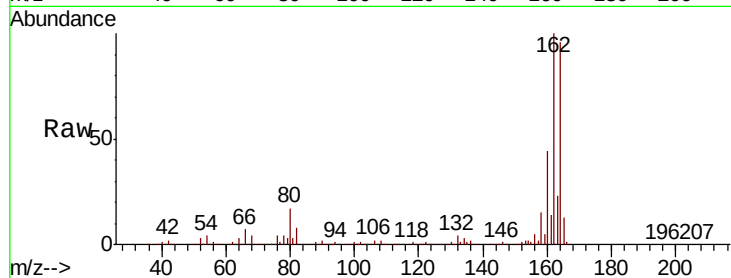
Tot Ion:164 Resp: 702909

Ion Ratio Lower Upper

164 100

162 104.5 81.4 122.2

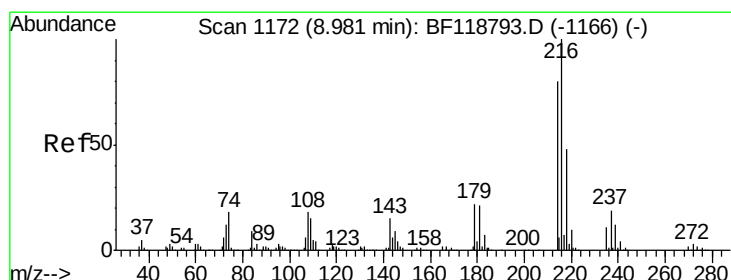
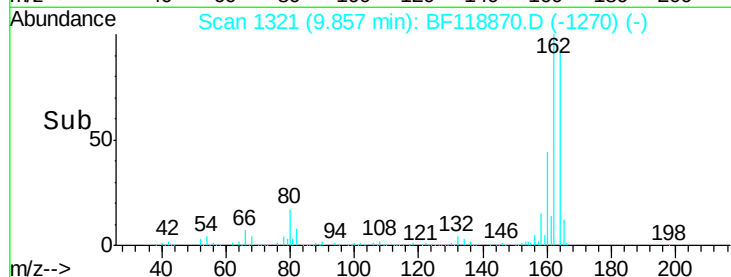
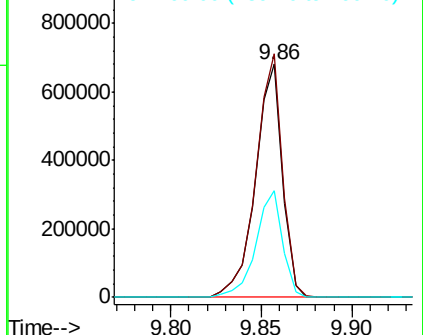
160 45.8 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.982 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:216 Resp: 763335

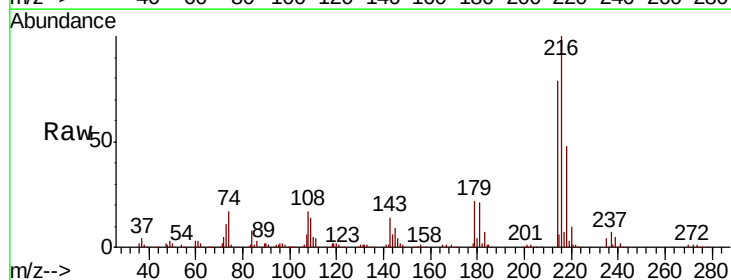
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.6 17.0 25.6

108 17.9 13.5 20.3

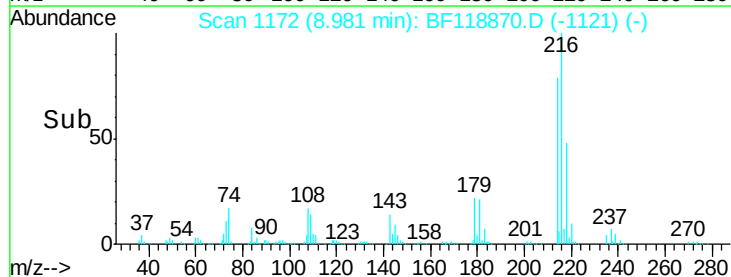
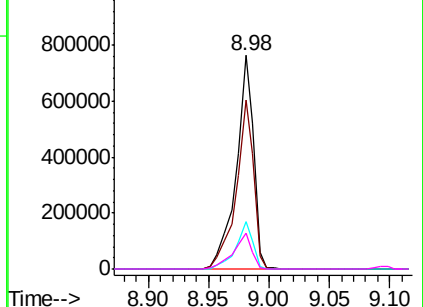


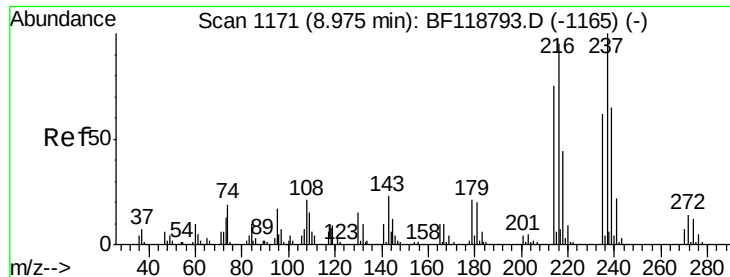
Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.188 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

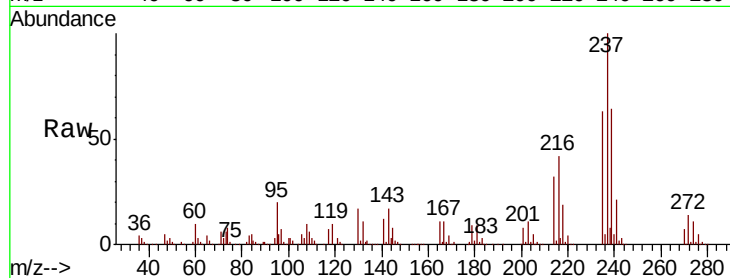
Tot Ion:237 Resp: 508994

Ion Ratio Lower Upper

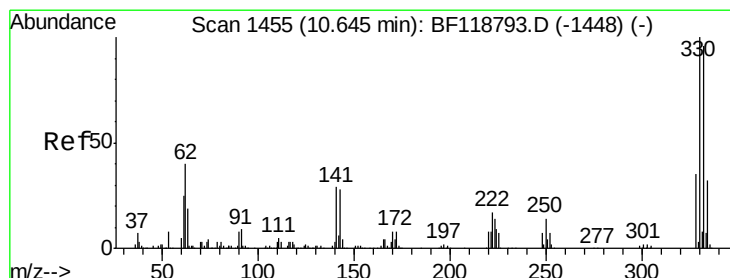
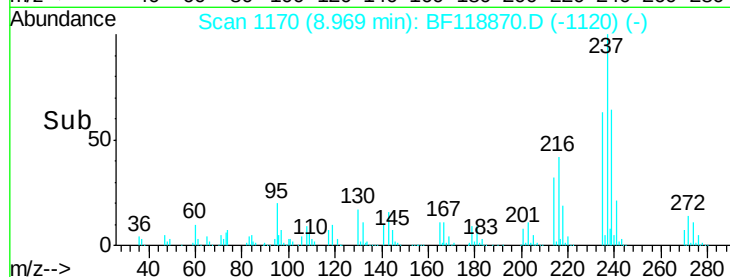
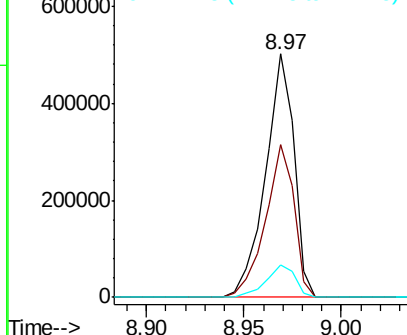
237 100

235 62.6 42.1 82.1

272 13.6 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.159 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

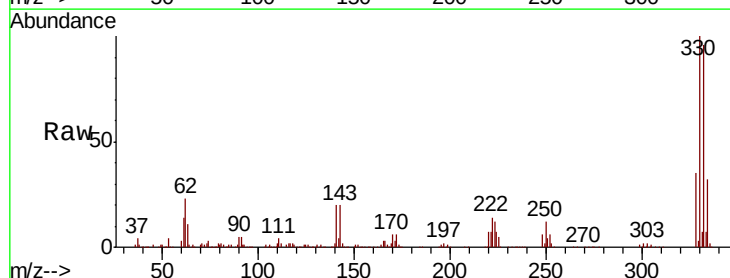
Tgt Ion:330 Resp: 884444

Ion Ratio Lower Upper

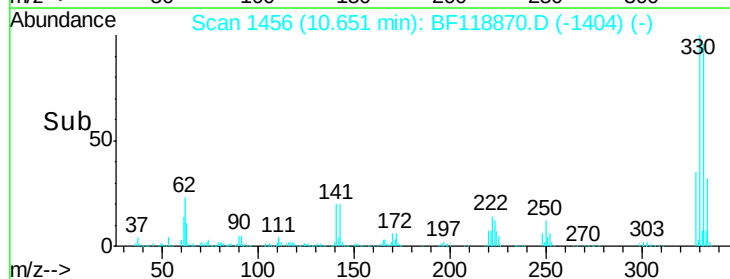
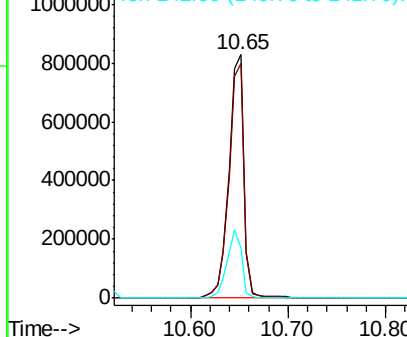
330 100

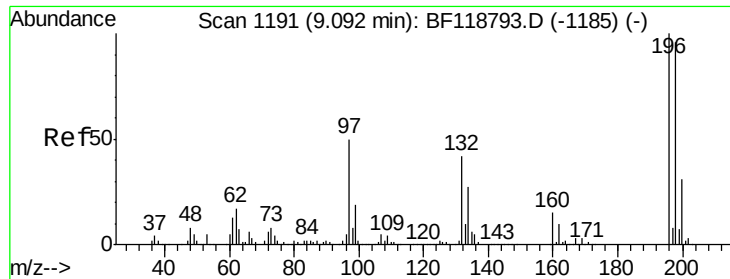
332 96.3 77.3 115.9

141 27.6 22.4 33.6



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

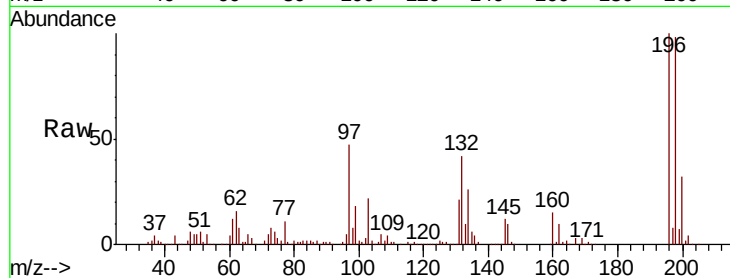




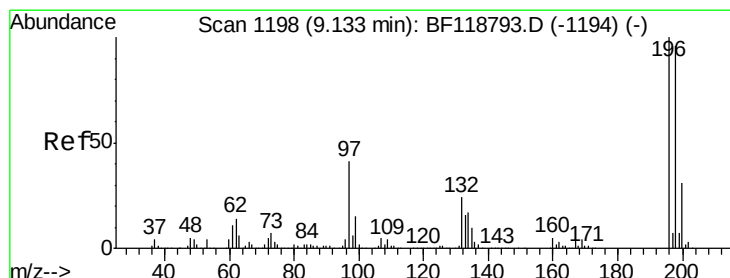
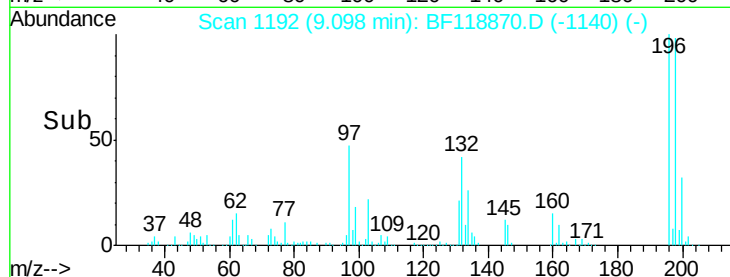
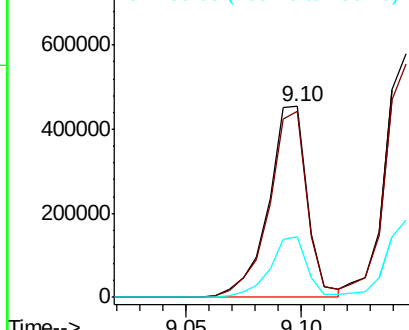
#43
2,4,6-Trichlorophenol
Concen: 37.328 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:196 Resp: 529543
Ion Ratio Lower Upper
196 100
198 97.8 76.7 115.1
200 31.8 24.9 37.3

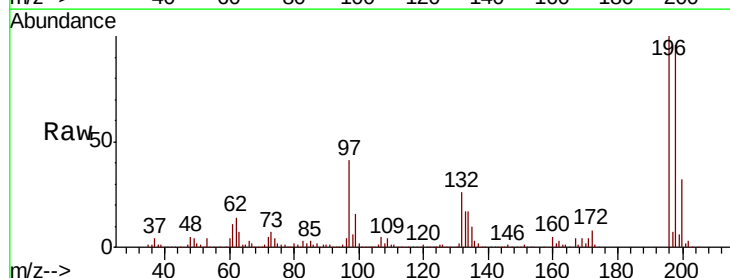


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

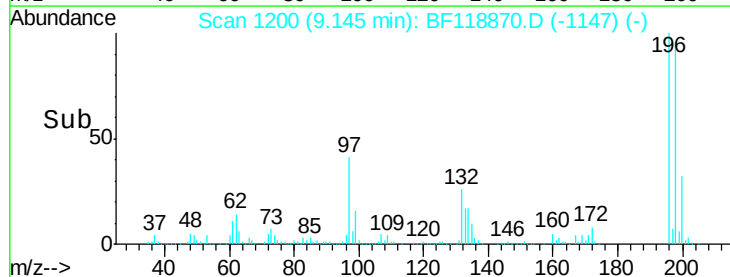
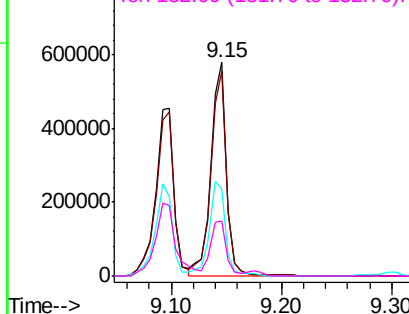


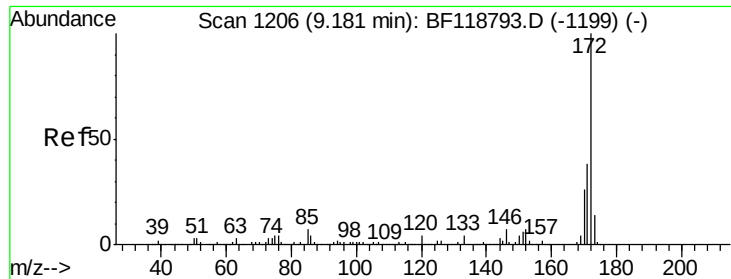
#44
2,4,5-Trichlorophenol
Concen: 37.930 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:196 Resp: 549792
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.4
97 41.0 32.9 49.3
132 25.7 19.9 29.9



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

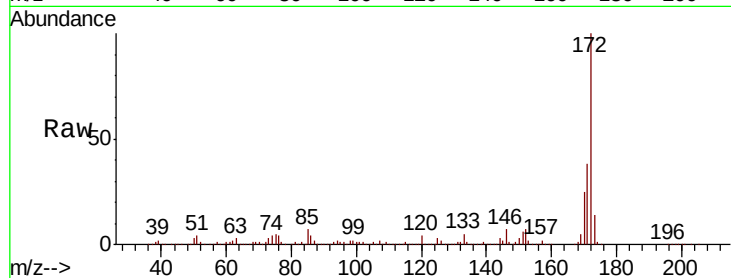




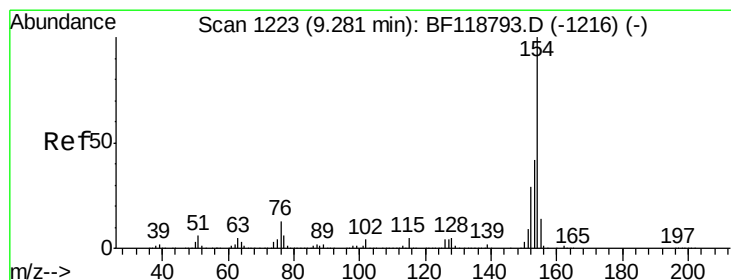
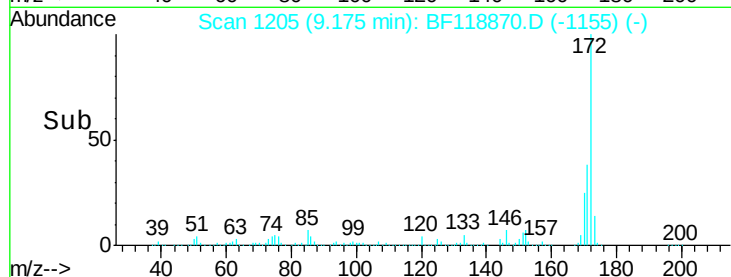
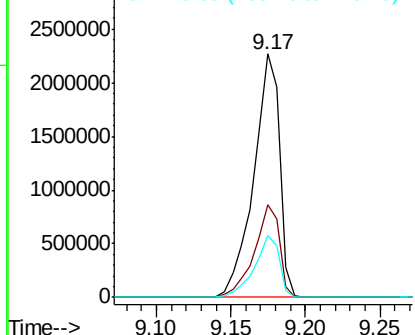
#45
2-Fluorobiphenyl
Concen: 68.486 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:172 Resp: 2692814
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 25.2 20.5 30.7

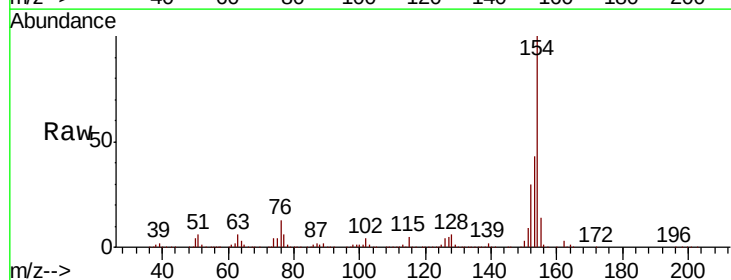


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

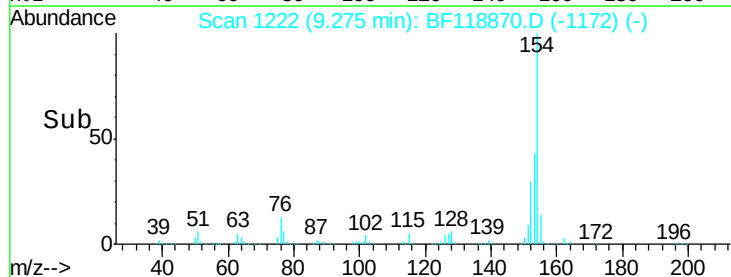
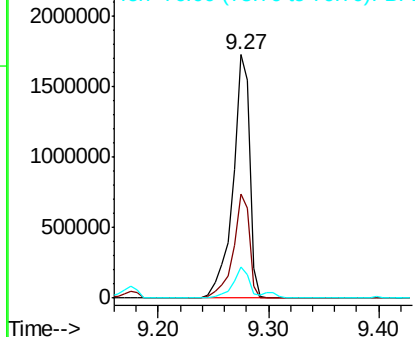


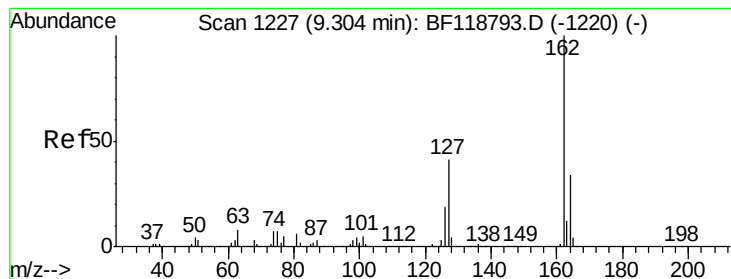
#46
1,1'-Biphenyl
Concen: 37.653 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:154 Resp: 1830838
Ion Ratio Lower Upper
154 100
153 42.7 22.4 62.4
76 13.0 0.0 32.7



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: 36.569 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

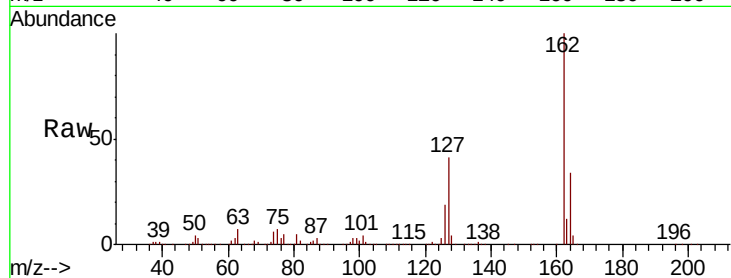
Tot Ion:162 Resp: 1478209

Ion Ratio Lower Upper

162 100

127 40.9 33.3 49.9

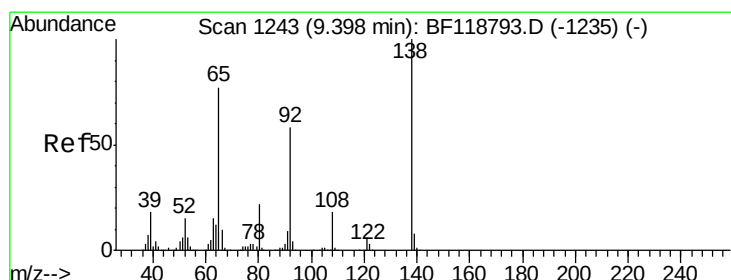
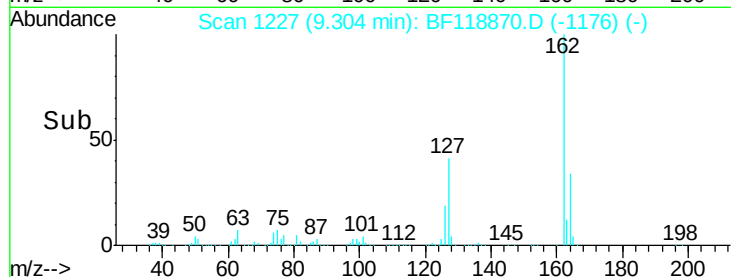
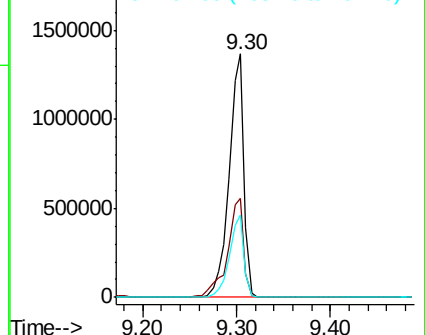
164 33.6 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.261 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

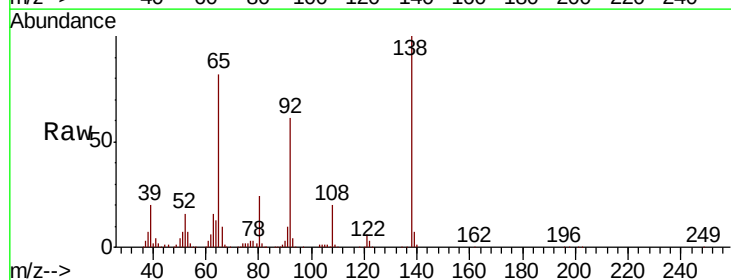
Tgt Ion: 65 Resp: 422747

Ion Ratio Lower Upper

65 100

92 74.6 60.6 91.0

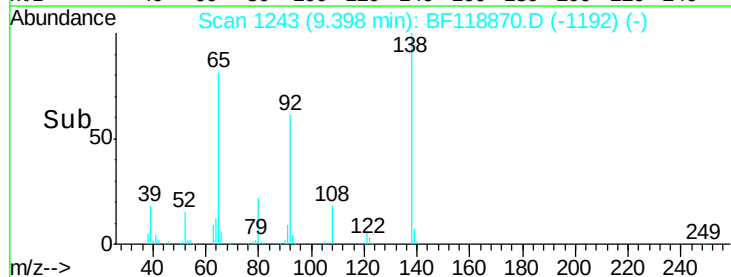
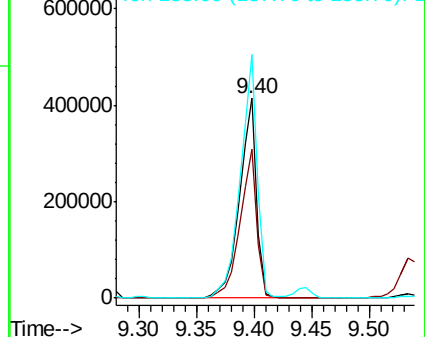
138 122.0 104.6 156.8

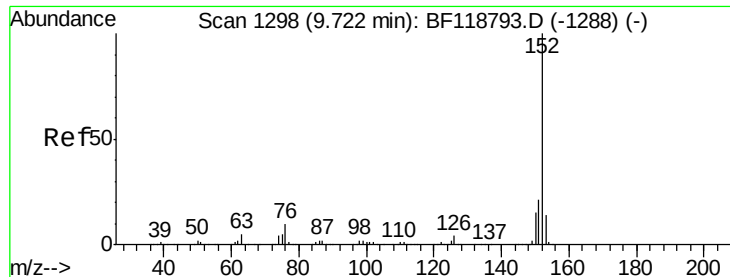


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.113 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

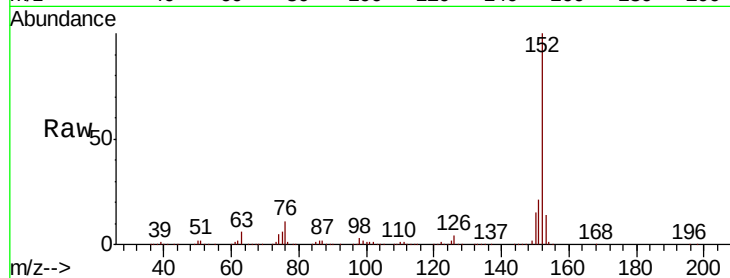
Tot Ion:152 Resp: 2282825

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

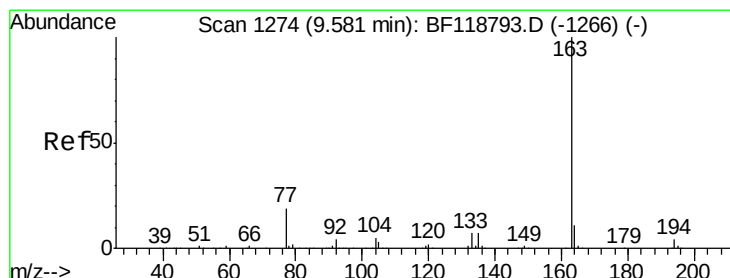
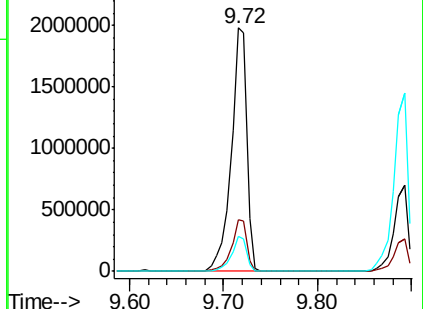
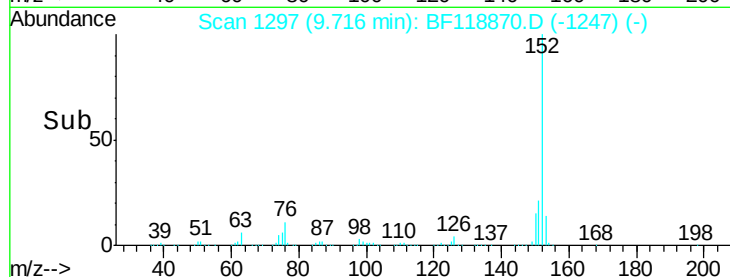
153 14.1 11.0 16.4



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: 39.281 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

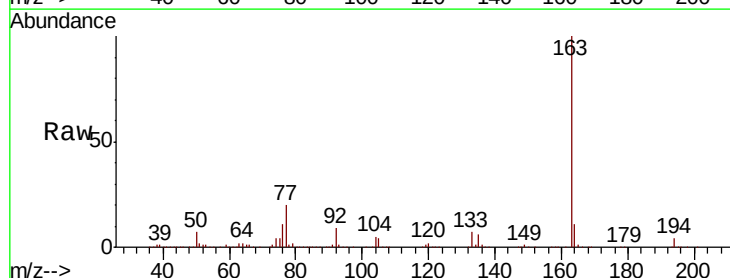
Tgt Ion:163 Resp: 1880057

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

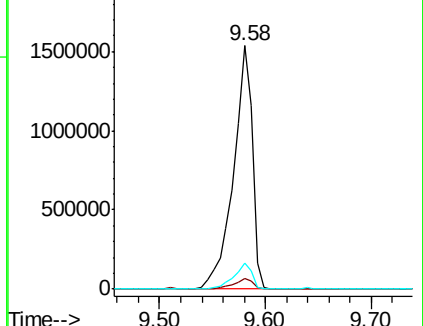
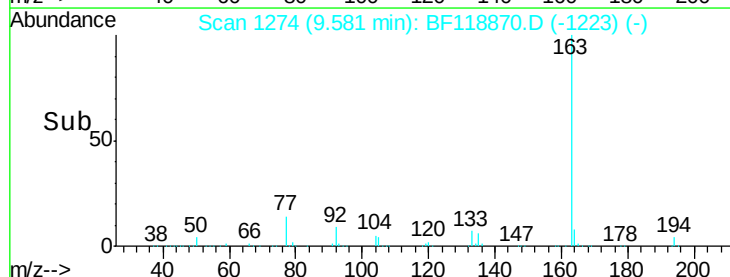
164 10.7 8.7 13.1

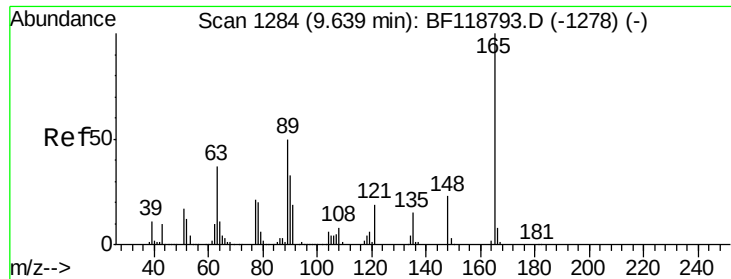


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

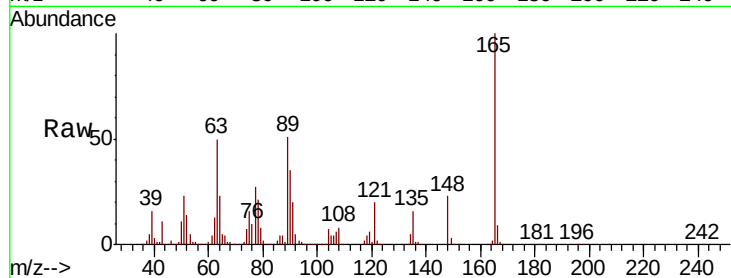




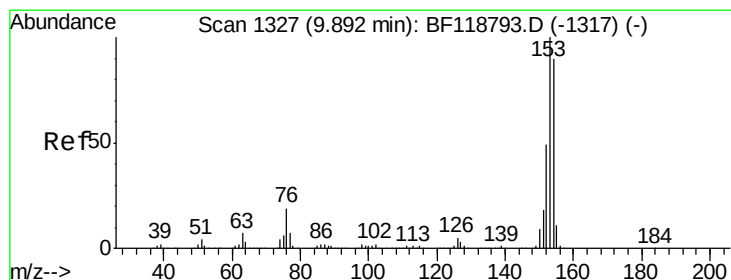
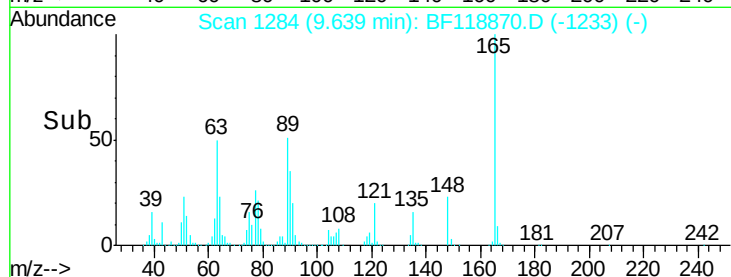
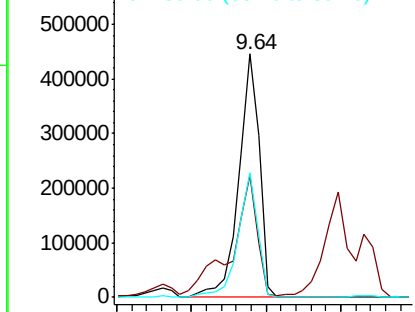
#51
 2,6-Dinitrotoluene
 Concen: 39.064 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Tot Ion:165 Resp: 427802
 Ion Ratio Lower Upper
 165 100
 63 50.3 37.4 56.0
 89 51.2 39.7 59.5

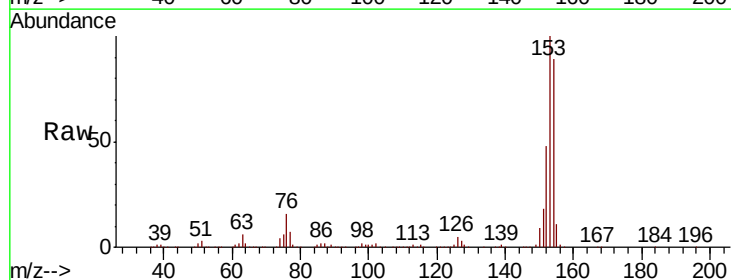


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

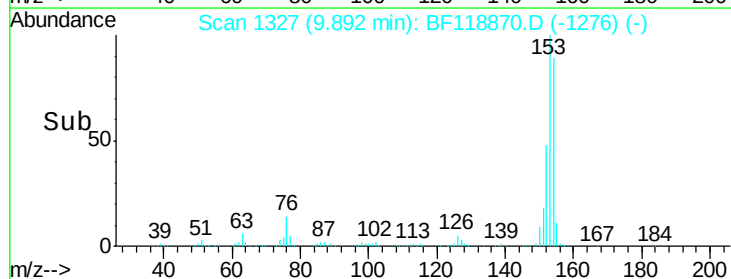
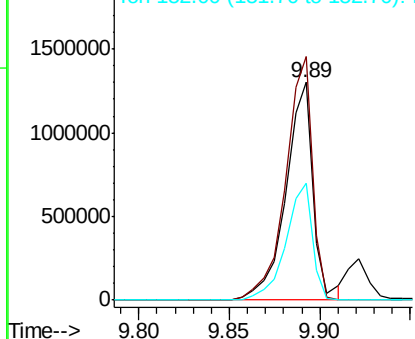


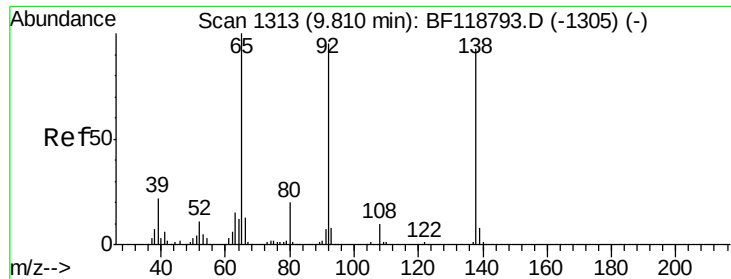
#52
 Acenaphthene
 Concen: 35.696 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion:154 Resp: 1372842
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.4 134.0
 152 53.7 43.6 65.4



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

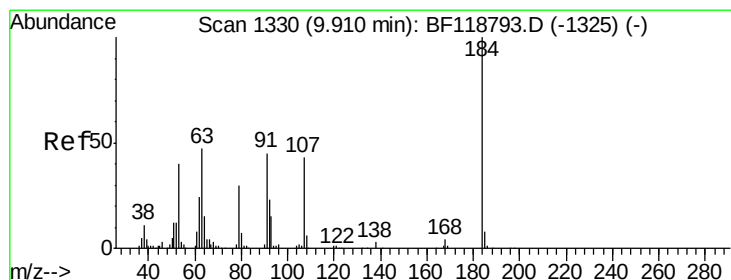
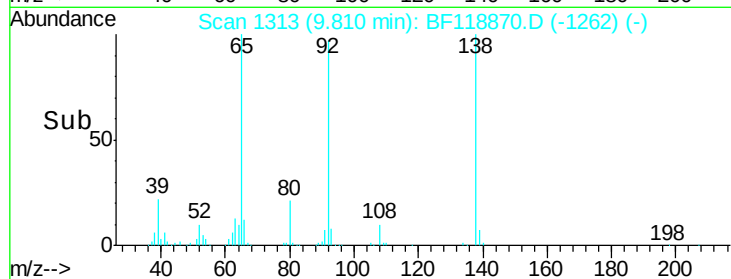
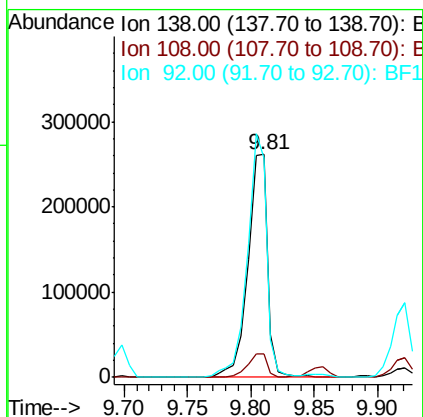
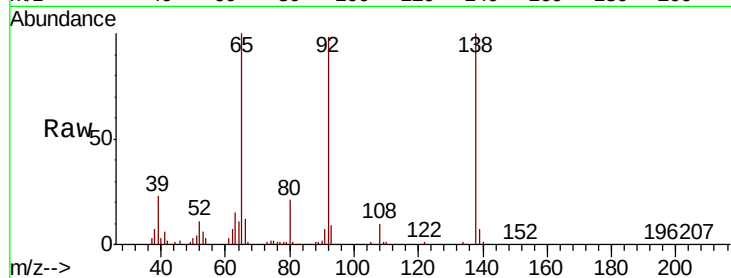




#53
 3-Nitroaniline
 Concen: 23.455 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

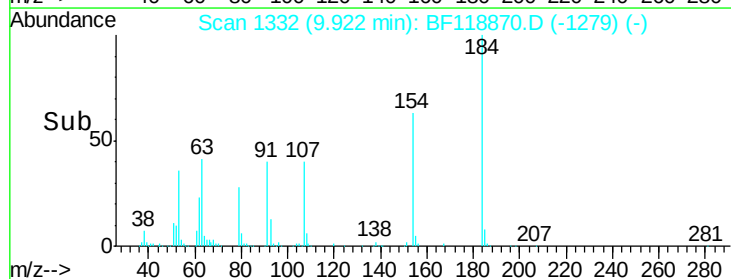
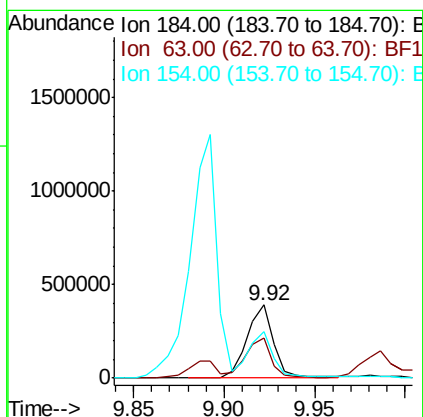
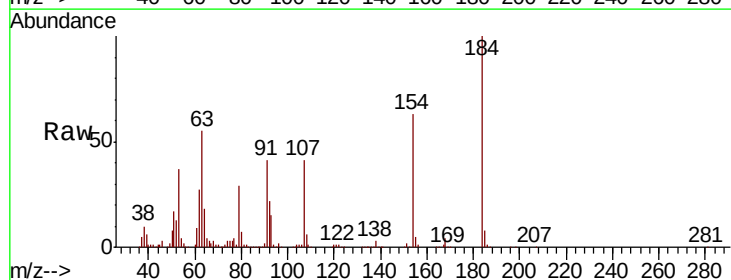
Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

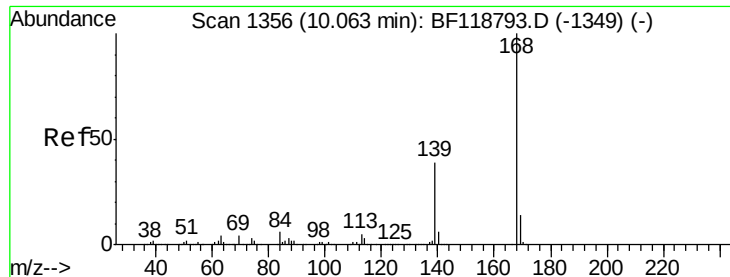
Tot Ion:138 Resp: 284860
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.5 12.7
 92 98.6 82.2 123.4



#54
 2,4-Dinitrophenol
 Concen: 76.710 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion:184 Resp: 403852
 Ion Ratio Lower Upper
 184 100
 63 55.3 47.5 71.3
 154 63.5 48.6 72.8





#55

Dibenzofuran

Concen: 36.740 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

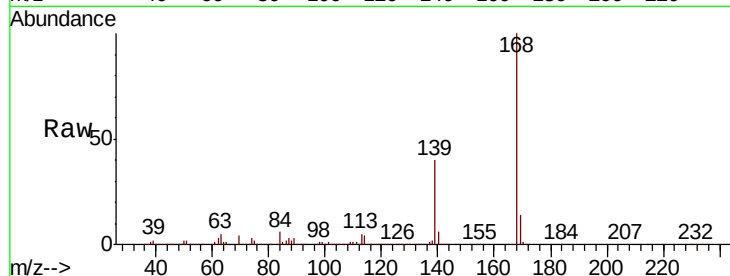
Tot Ion:168 Resp: 2042032

Ion Ratio Lower Upper

168 100

139 39.8 31.6 47.4

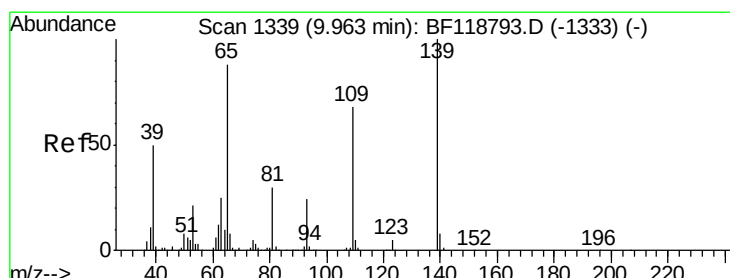
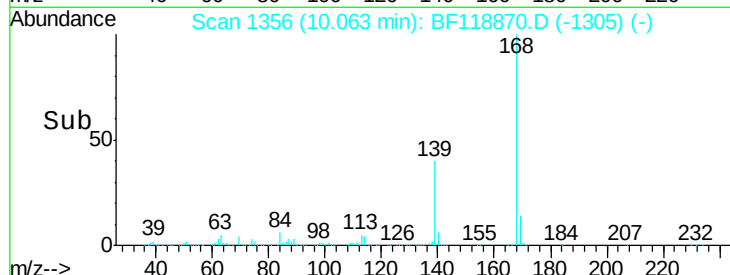
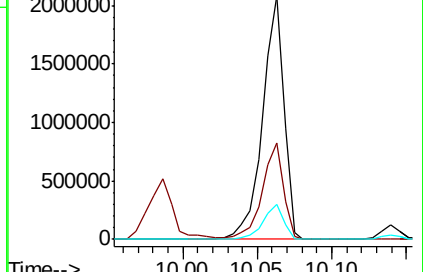
169 14.1 11.4 17.2



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: 67.203 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

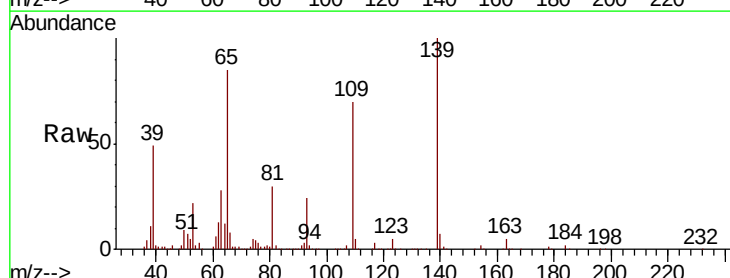
Tgt Ion:139 Resp: 590712

Ion Ratio Lower Upper

139 100

109 69.6 48.0 88.0

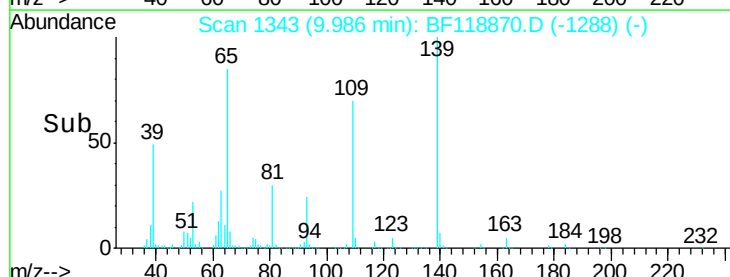
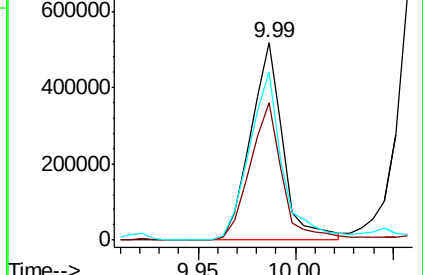
65 85.4 68.3 108.3

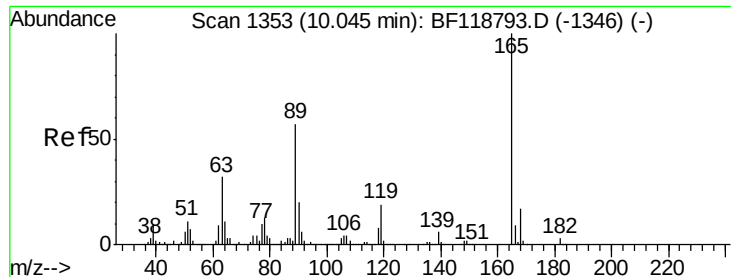


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.556 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:165 Resp: 558782

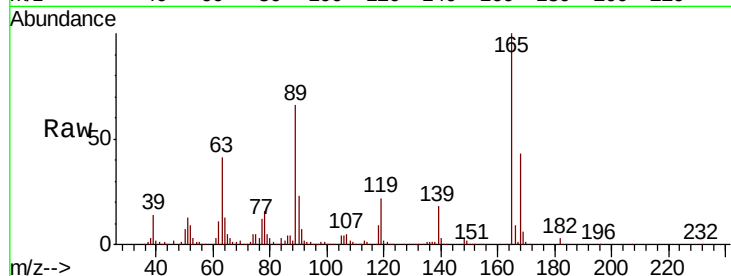
Ion Ratio Lower Upper

165 100

63 40.6 25.5 38.3#

89 66.0 45.4 68.0

182 3.1 2.4 3.6

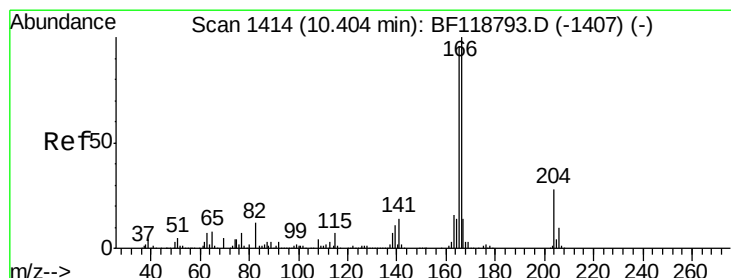
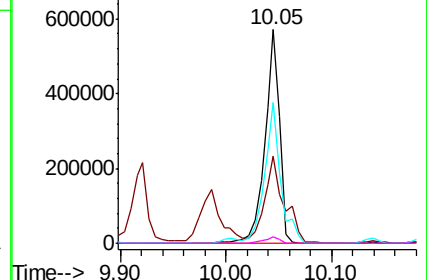
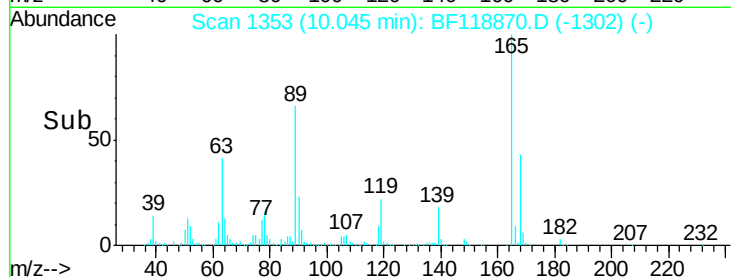


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.214 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

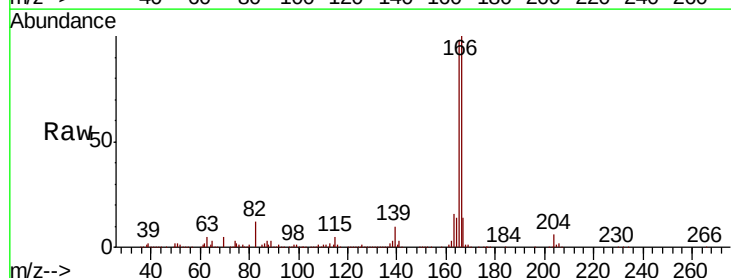
Tgt Ion:166 Resp: 1556087

Ion Ratio Lower Upper

166 100

165 97.7 77.0 115.6

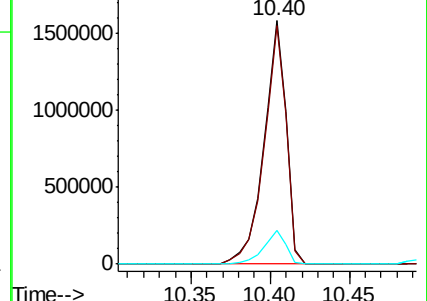
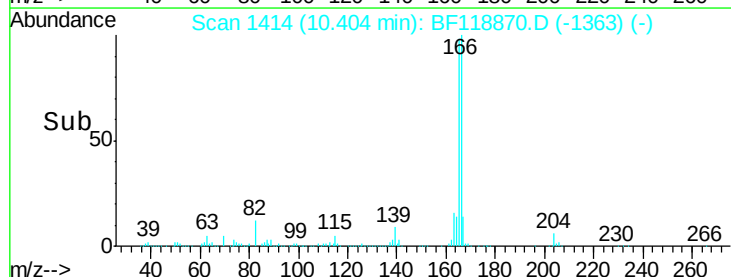
167 13.7 11.1 16.7

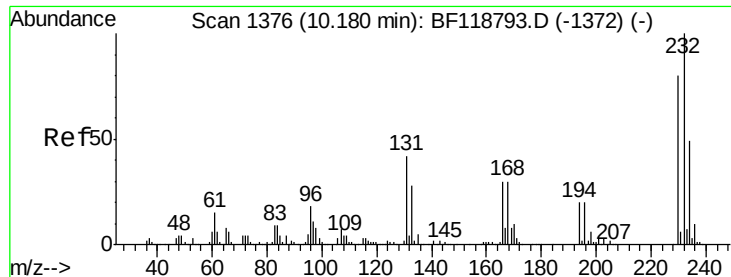


Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.089 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:232 Resp: 494824

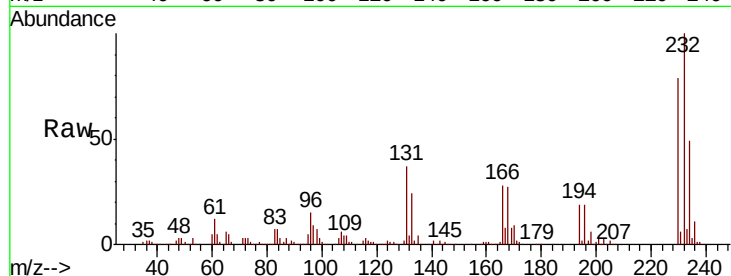
Ion Ratio Lower Upper

232 100

131 40.8 31.8 47.6

130 2.1 1.6 2.4

166 28.7 23.1 34.7

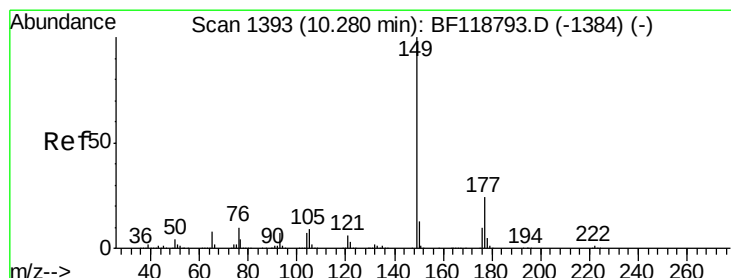
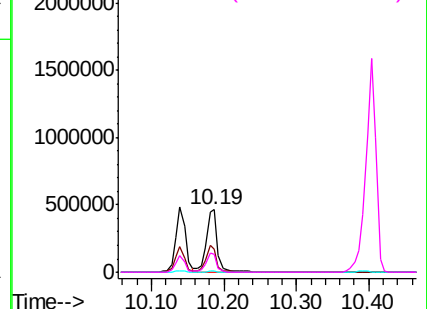
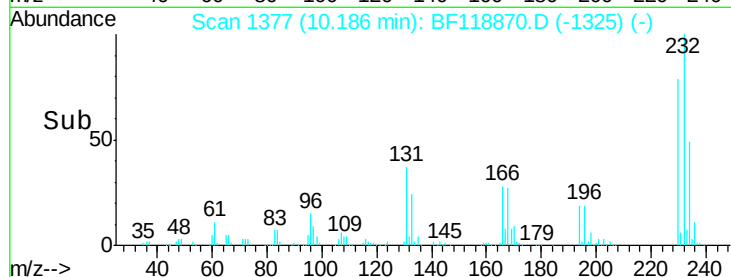


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.637 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

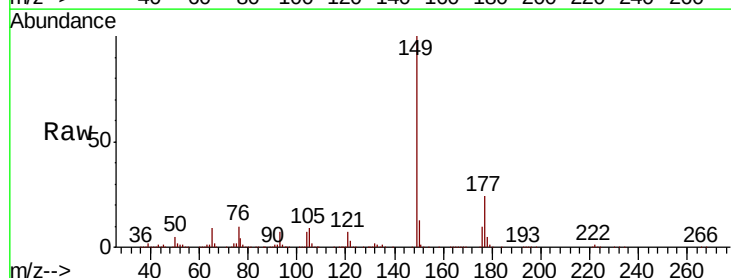
Tgt Ion:149 Resp: 1798164

Ion Ratio Lower Upper

149 100

177 23.5 19.3 28.9

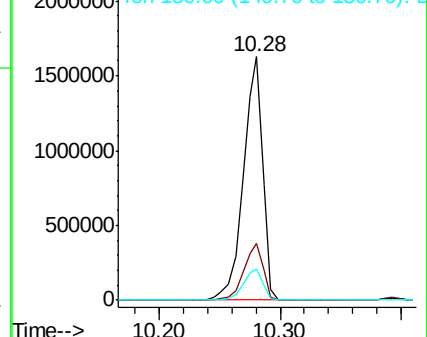
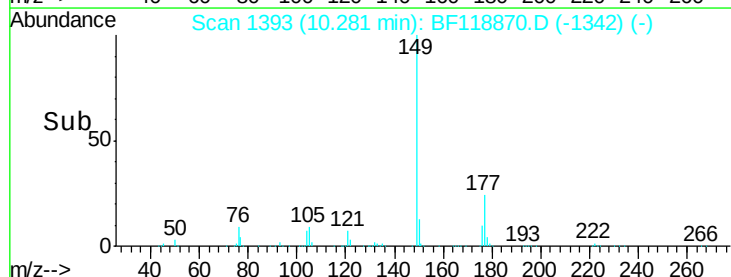
150 12.9 10.4 15.6

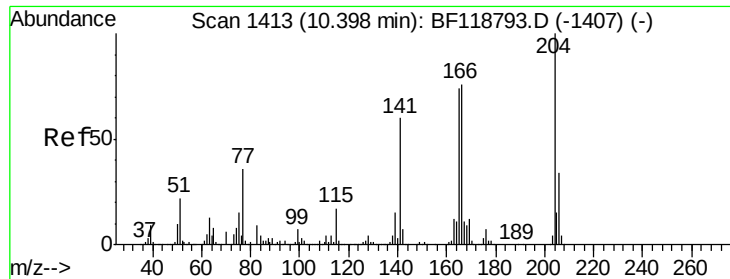


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

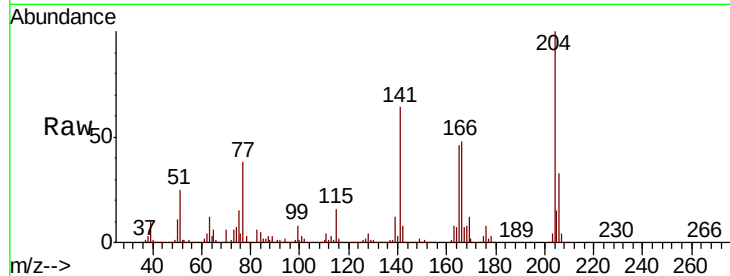




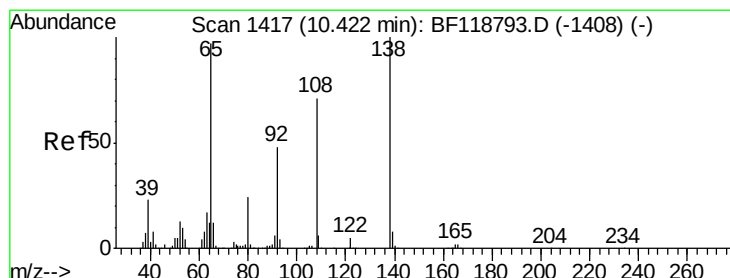
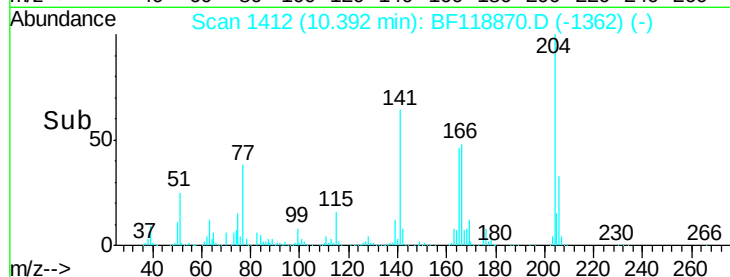
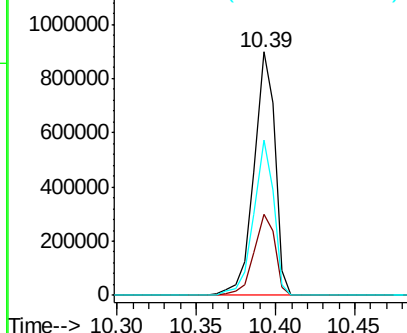
#61
4-Chlorophenyl-phenylether
Concen: 36.603 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.4	41.2
141	63.7	47.8	71.6

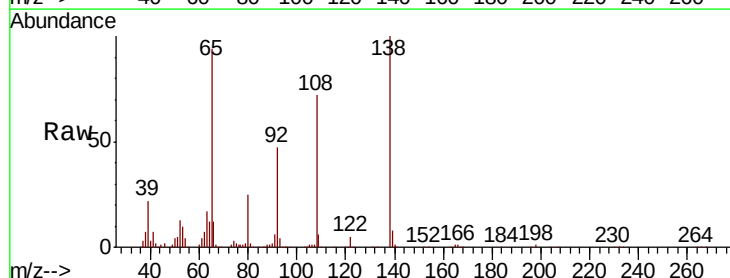


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

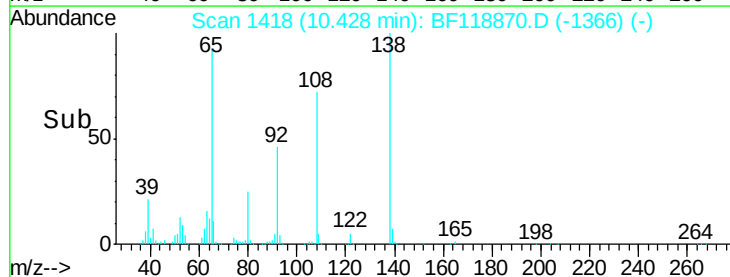
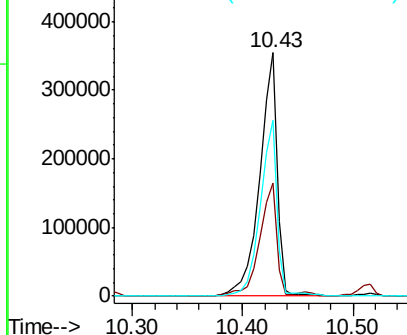


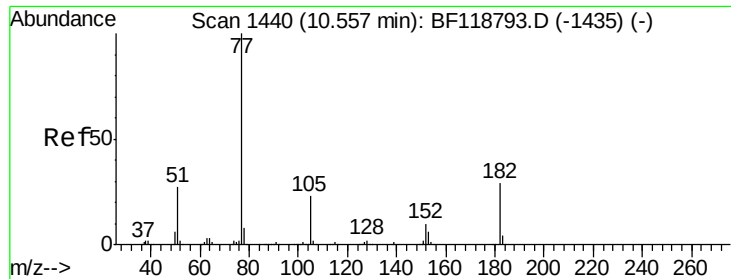
#62
4-Nitroaniline
Concen: 32.784 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.6	67.6
108	72.3	51.3	91.3



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: 38.019 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion: 77 Resp: 1510581

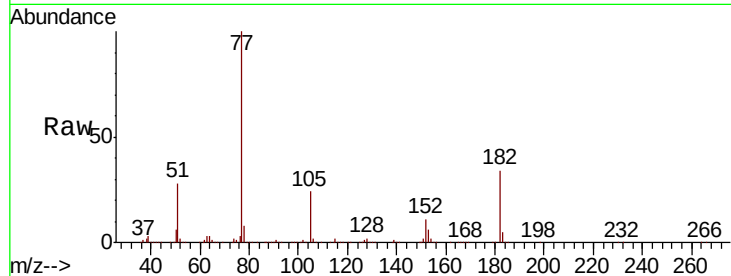
Ion Ratio Lower Upper

77 100

182 33.5 9.2 49.2

105 24.0 3.1 43.1

51 27.8 7.4 47.4

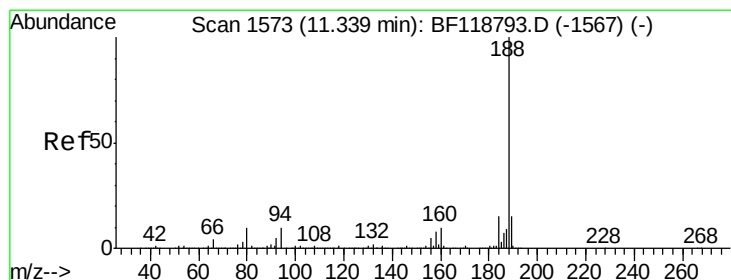
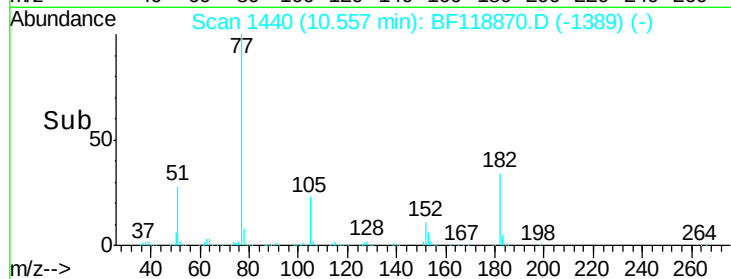
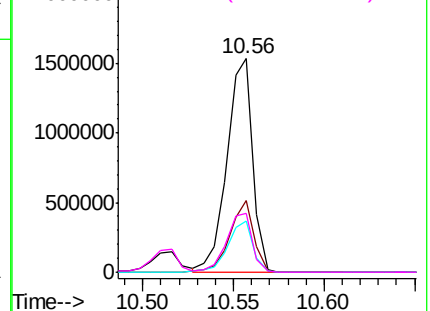


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

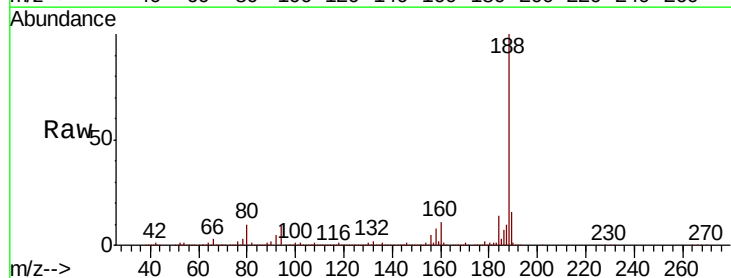
Tgt Ion: 188 Resp: 1311630

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

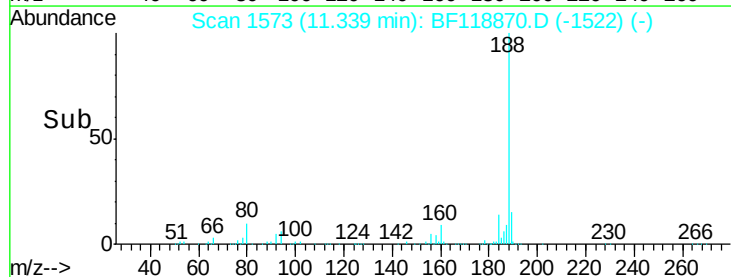
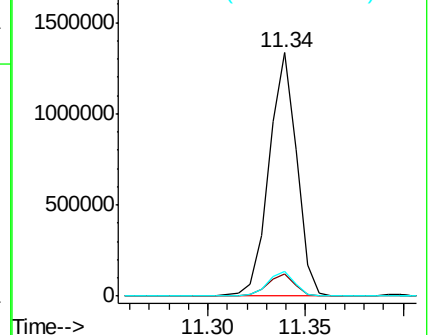
80 9.9 8.4 12.6

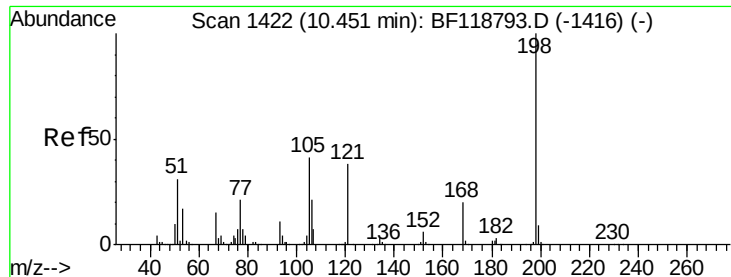


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.251 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

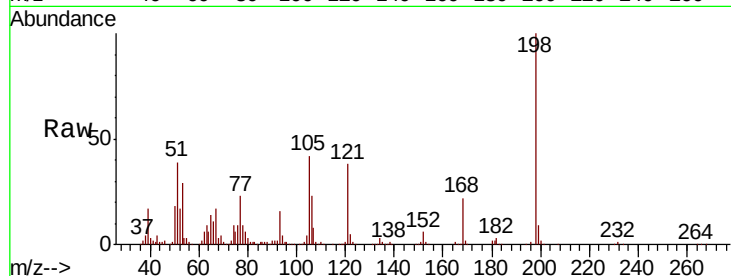
Tot Ion:198 Resp: 304031

Ion Ratio Lower Upper

198 100

51 38.6 16.7 56.7

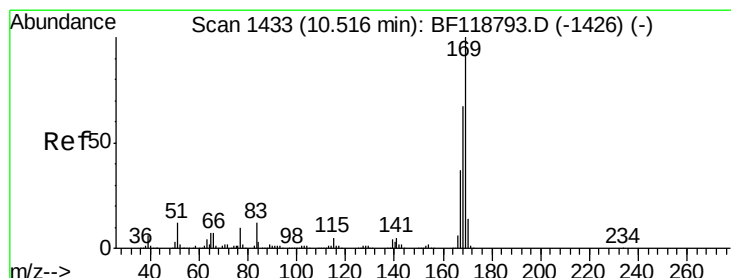
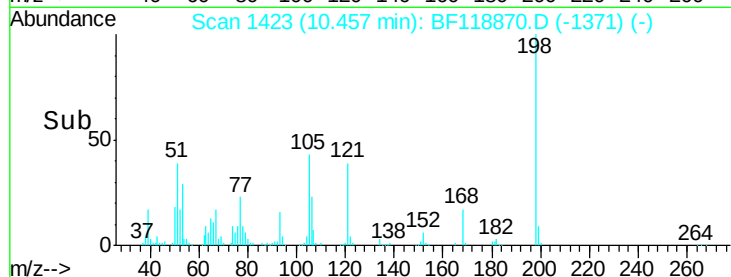
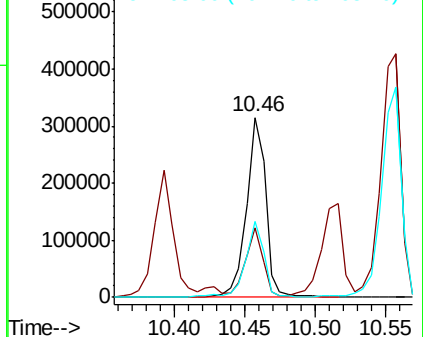
105 42.4 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.554 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

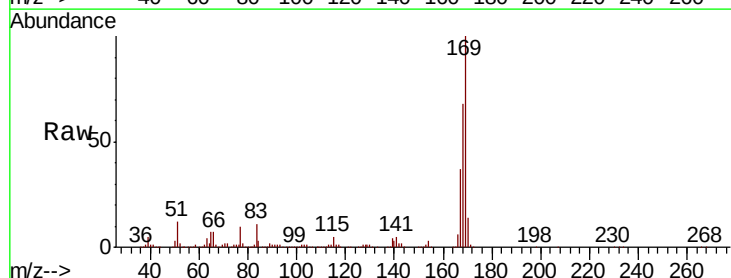
Tgt Ion:169 Resp: 1464774

Ion Ratio Lower Upper

169 100

168 67.8 53.5 80.3

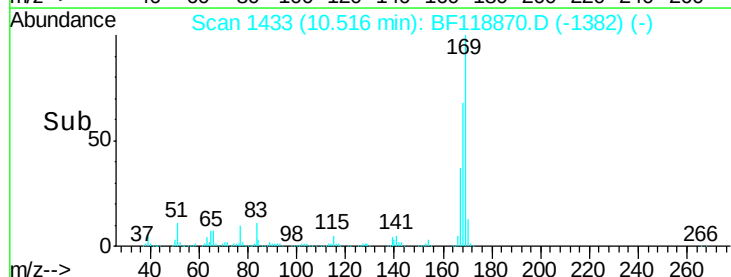
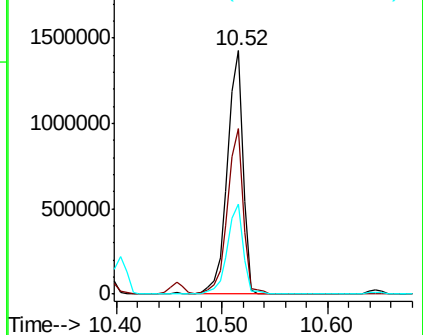
167 36.9 29.3 43.9

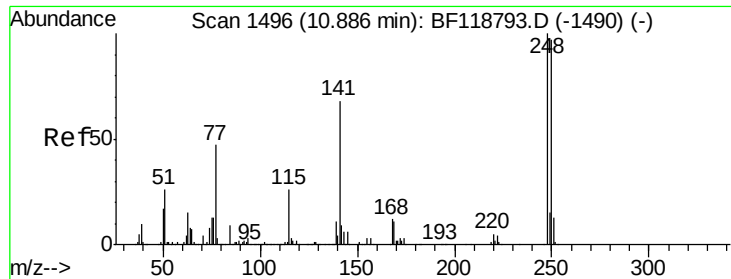


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

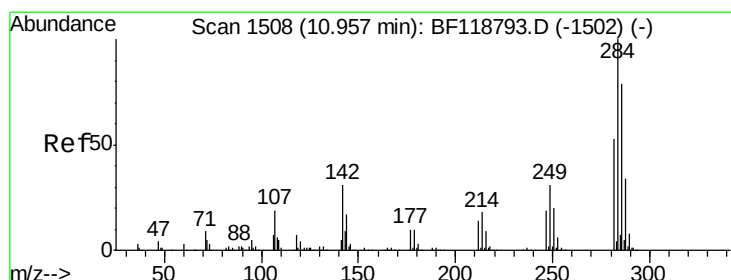
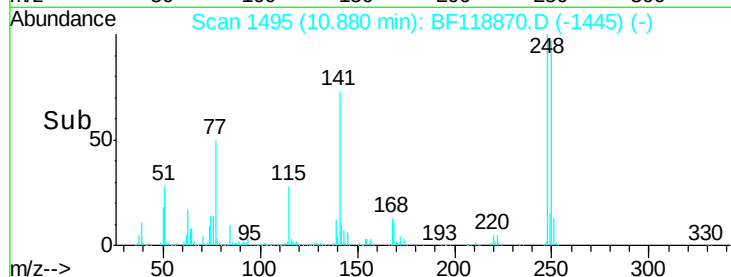
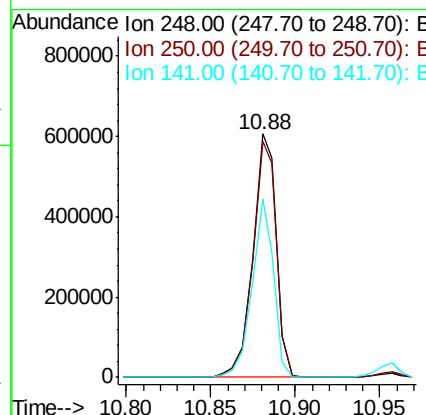
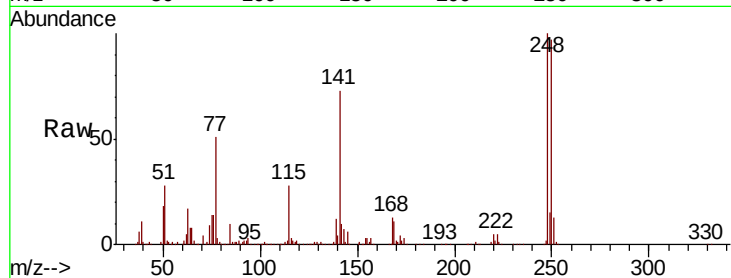




#67
4-Bromophenyl-phenylether
Concen: 37.892 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

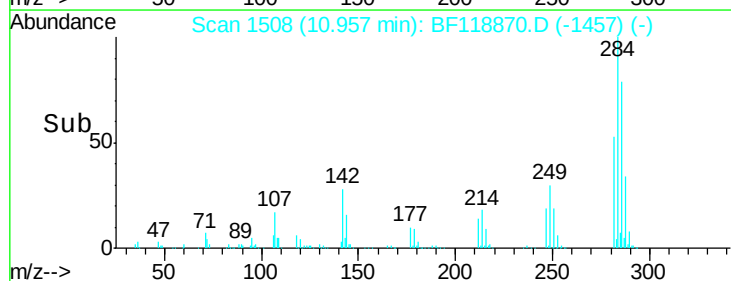
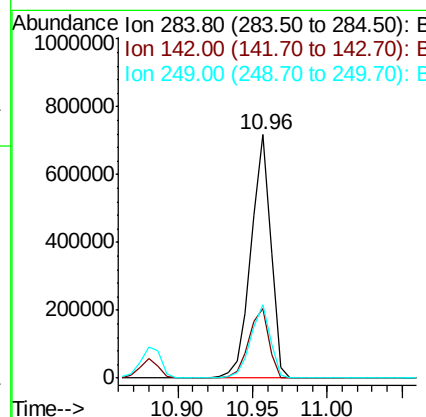
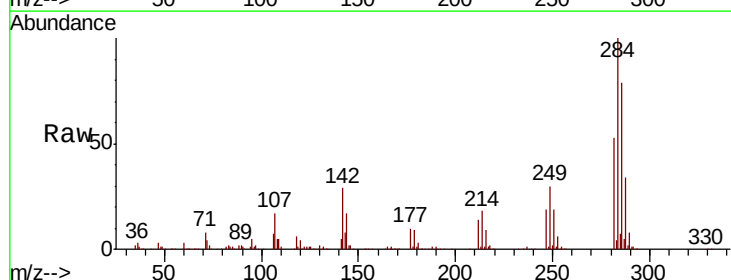
Instrument :
BNA_F
ClientSampleId :
PB126704BS

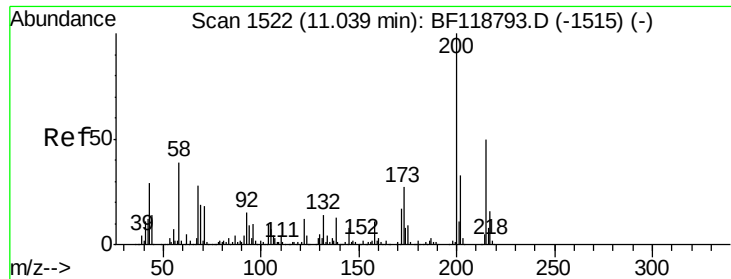
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	73.3	54.4	81.6



#68
Hexachlorobenzene
Concen: 37.061 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.5	36.7
249	30.2	24.7	37.1





#69

Atrazine

Concen: 41.100 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

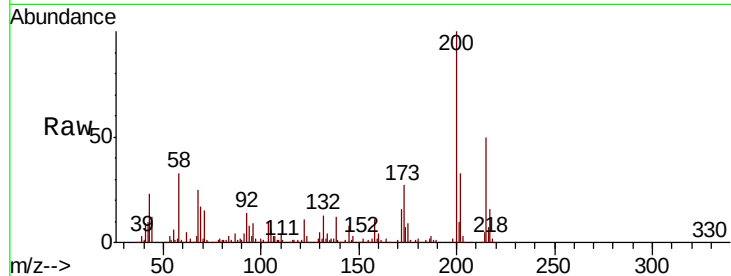
Tot Ion:200 Resp: 520225

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

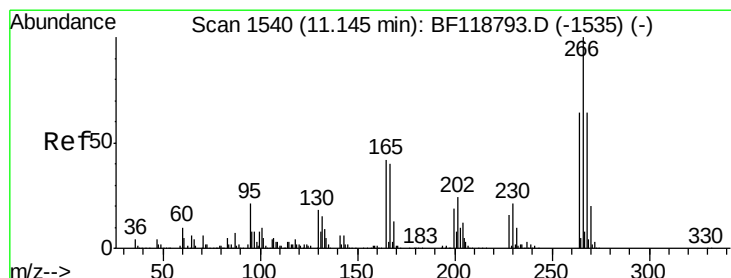
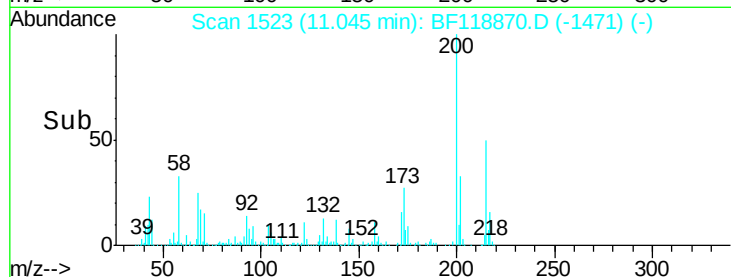
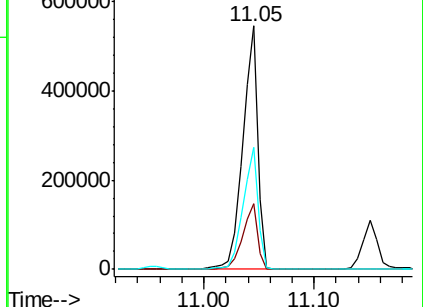
215 49.9 29.9 69.9



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: 66.220 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

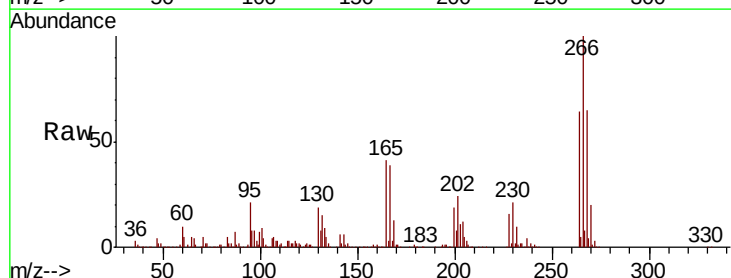
Tgt Ion:266 Resp: 622268

Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

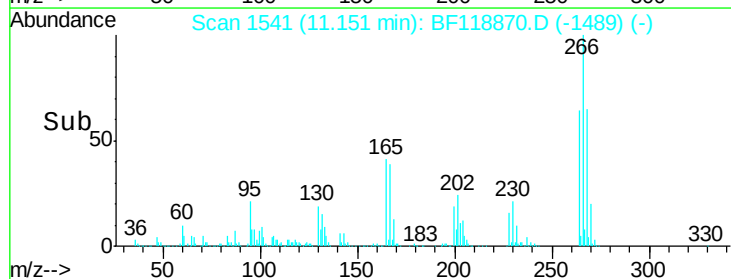
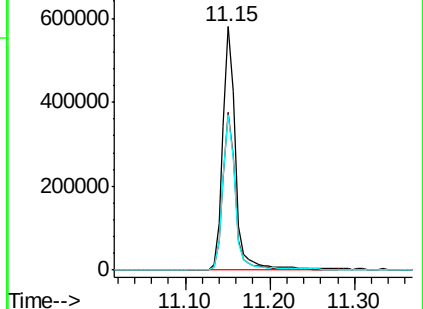
264 63.6 51.4 77.2

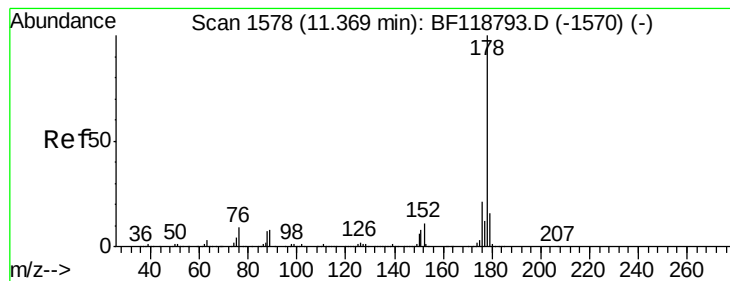


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.038 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

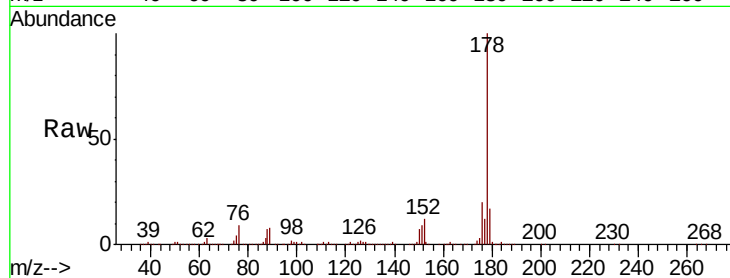
Tot Ion:178 Resp: 2325708

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

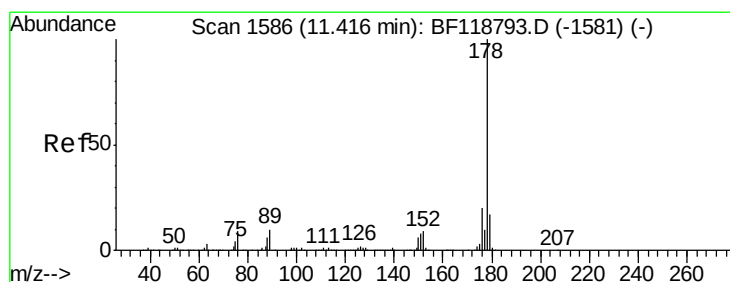
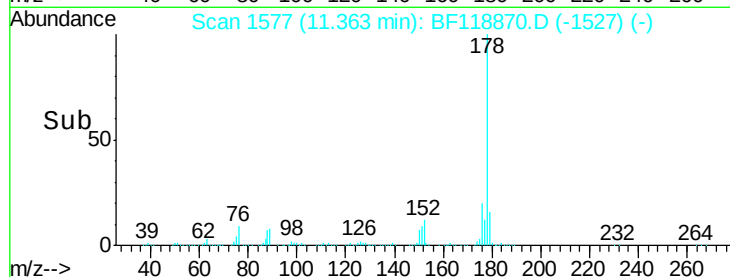
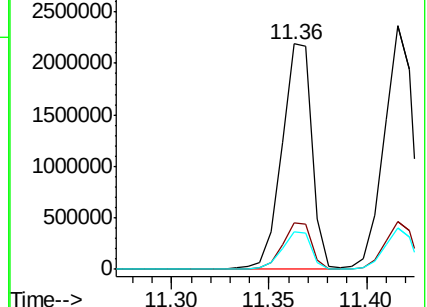
179 16.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.878 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

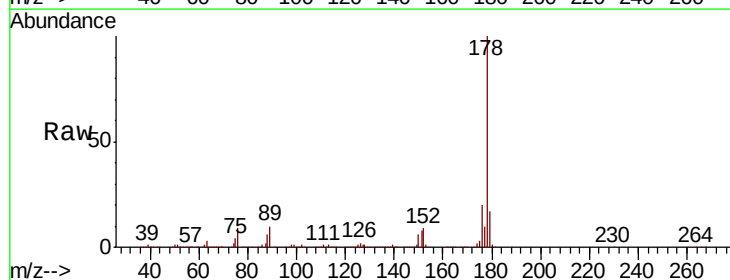
Tgt Ion:178 Resp: 2367565

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

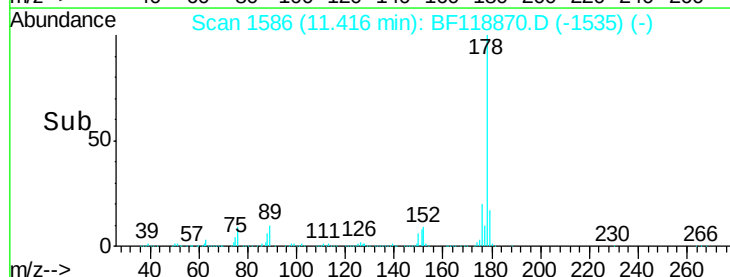
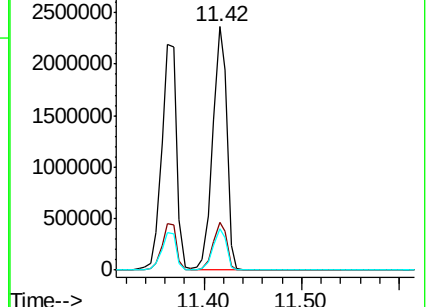
179 16.8 13.4 20.2

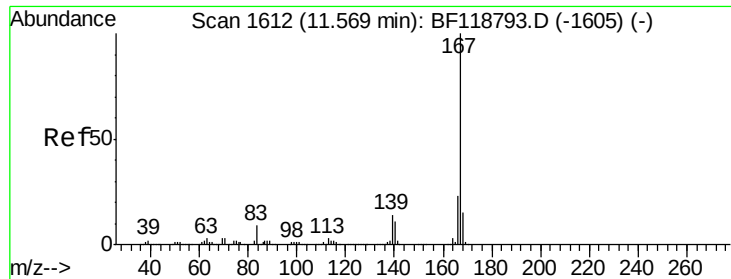


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

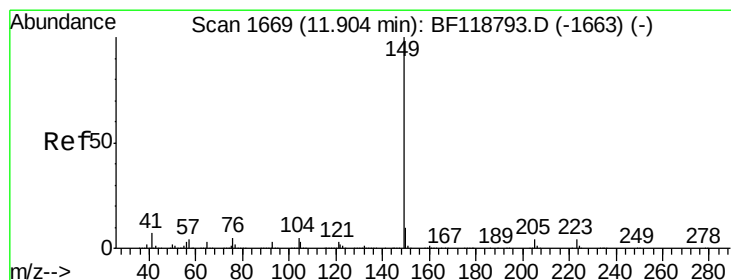
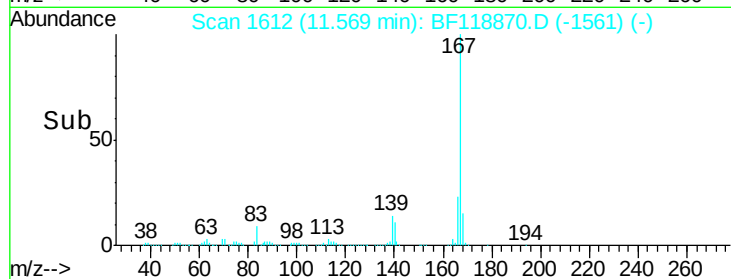
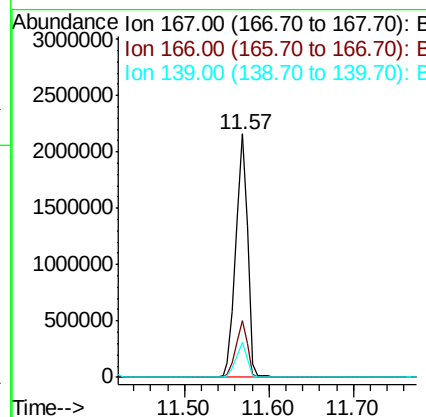
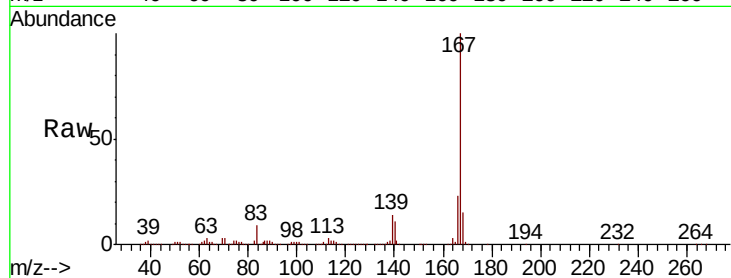




#73
 Carbazole
 Concen: 36.779 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

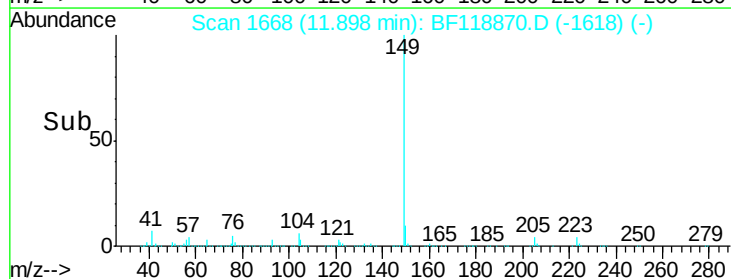
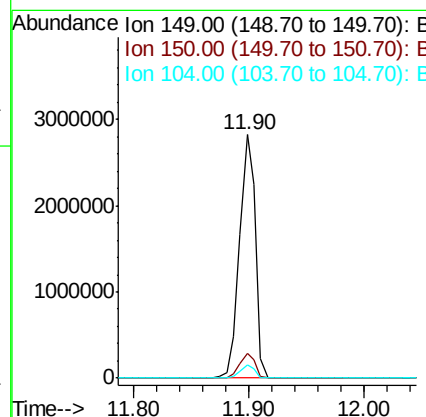
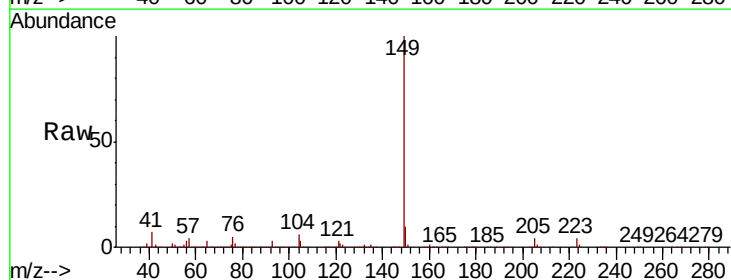
Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

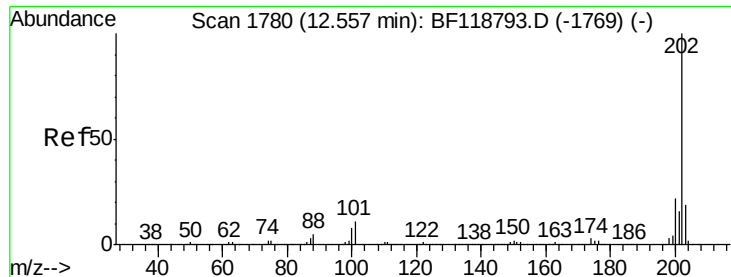
Tot Ion:167 Resp: 2072239
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 14.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 37.287 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion:149 Resp: 2676207
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 5.6 4.3 6.5

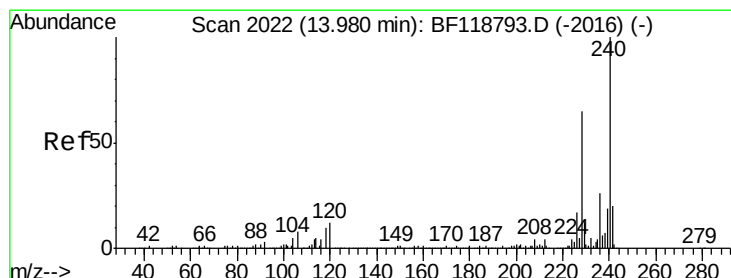
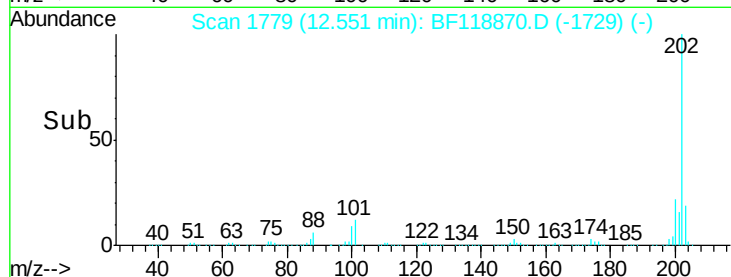
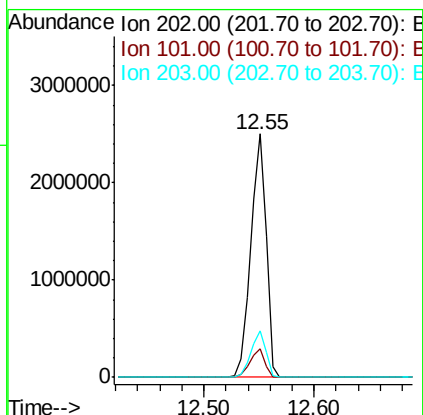
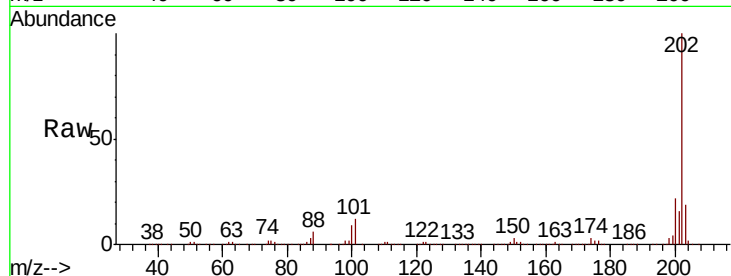




#75
Fluoranthene
Concen: 34.990 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

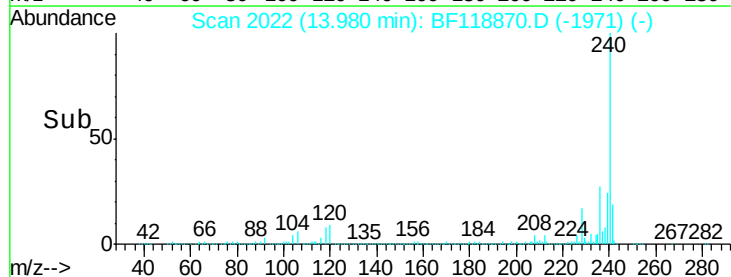
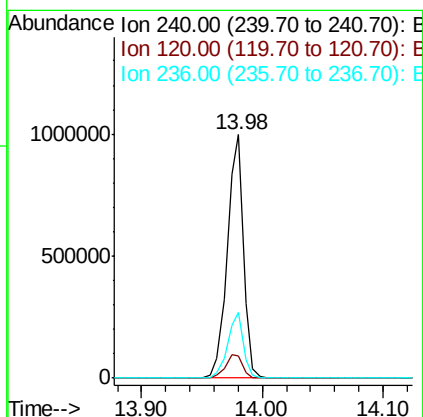
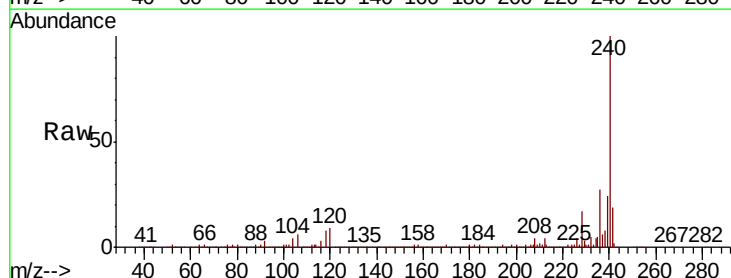
Instrument :
BNA_F
ClientSampleId :
PB126704BS

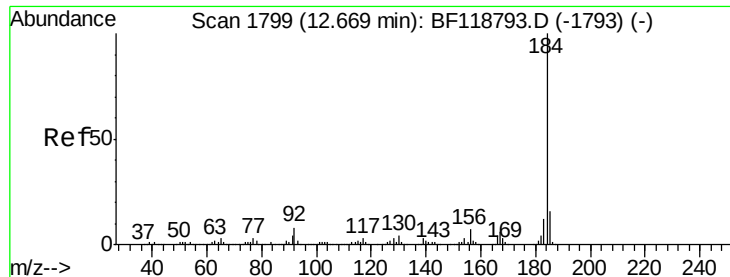
Tot Ion:202 Resp: 2465414
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.0
203 18.9 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:240 Resp: 919996
Ion Ratio Lower Upper
240 100
120 9.1 9.4 14.0#
236 26.9 21.0 31.6





#77

Benzidine

Concen: 19.824 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

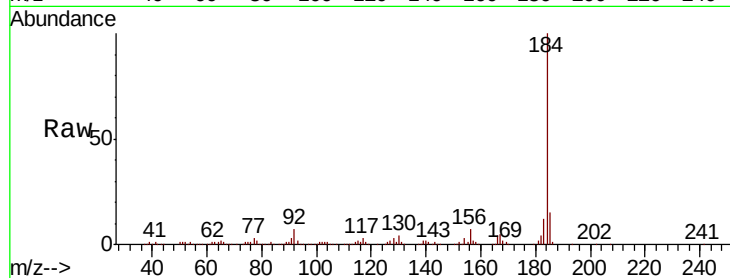
Tot Ion:184 Resp: 551613

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

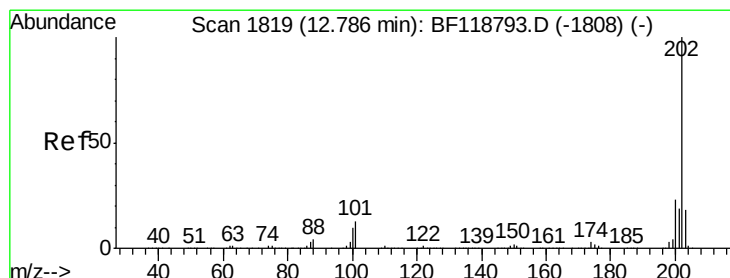
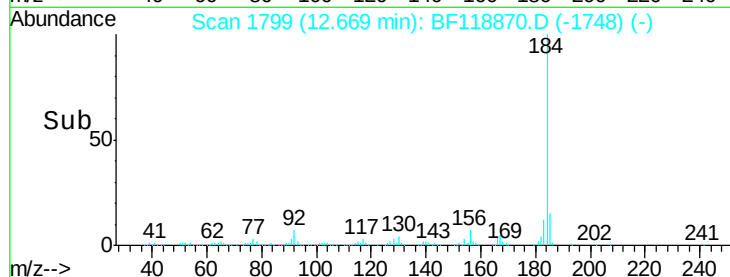
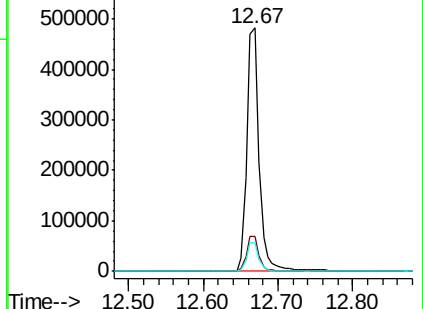
183 11.9 9.7 14.5



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: 38.629 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

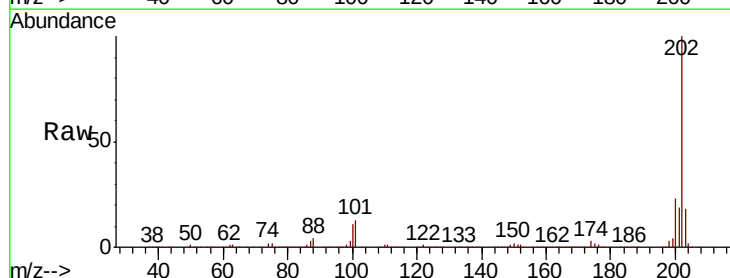
Tgt Ion:202 Resp: 2438009

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

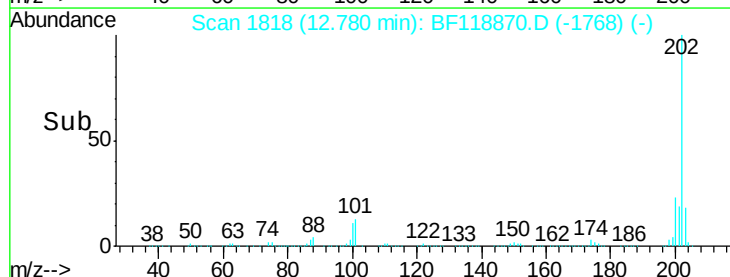
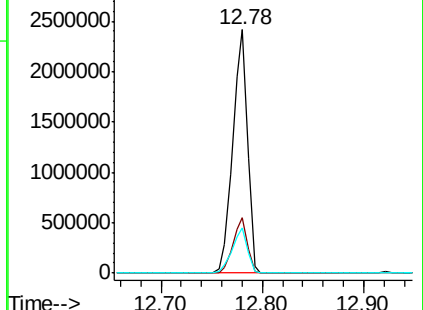
203 18.5 14.8 22.2

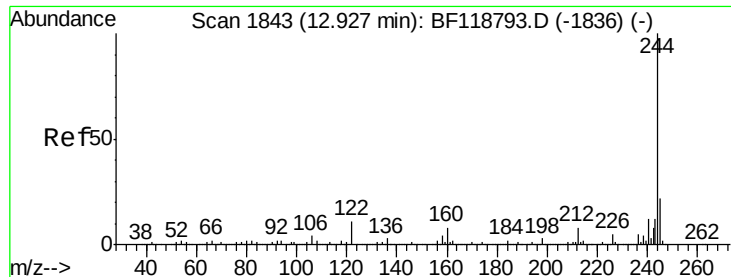


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.037 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

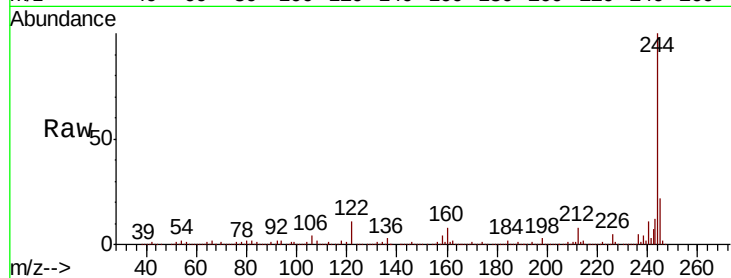
Tot Ion:244 Resp: 3136937

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

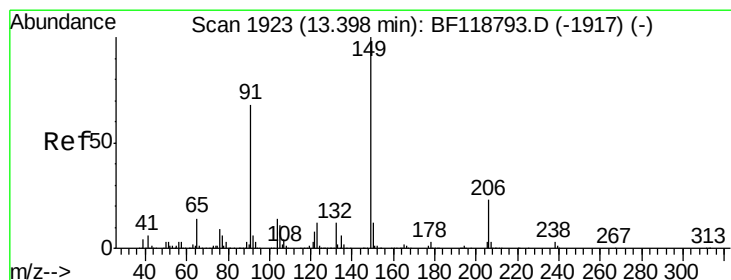
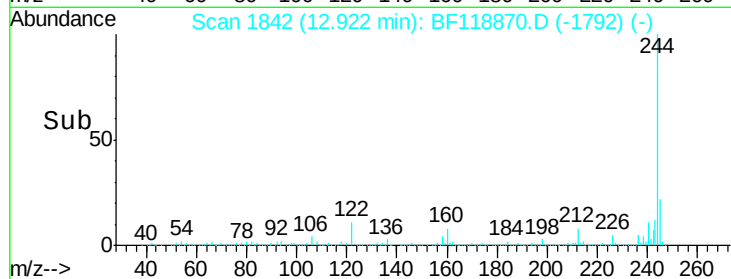
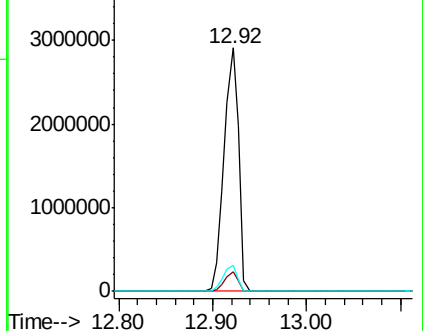
122 10.9 8.9 13.3



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: 39.574 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

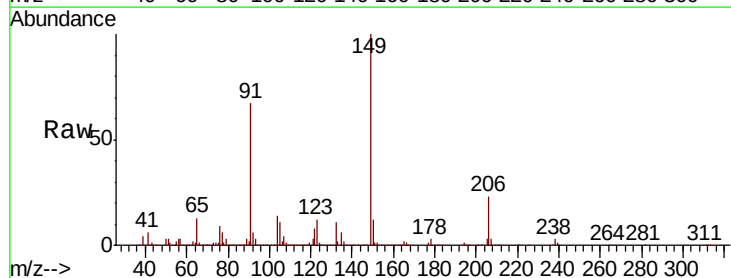
Tgt Ion:149 Resp: 1140016

Ion Ratio Lower Upper

149 100

91 67.2 54.7 82.1

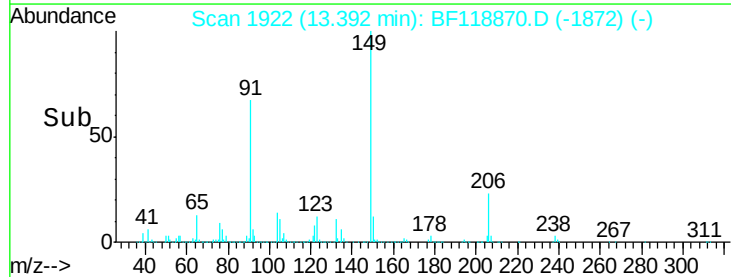
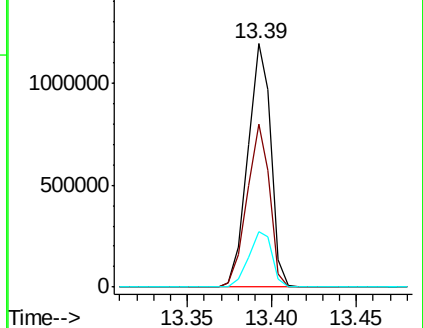
206 22.6 18.5 27.7

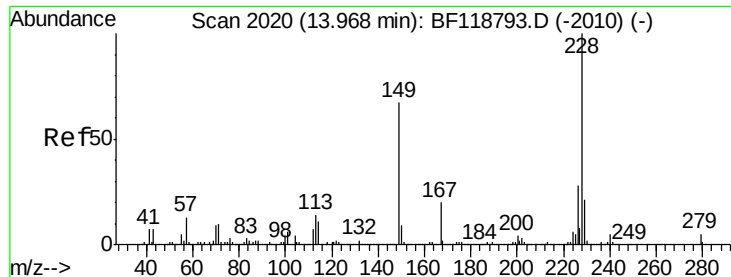


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.910 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

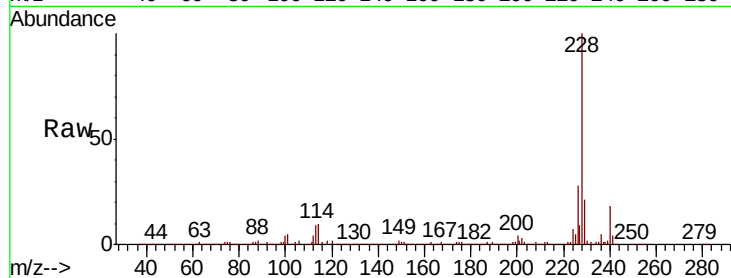
Tot Ion:228 Resp: 2075409

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

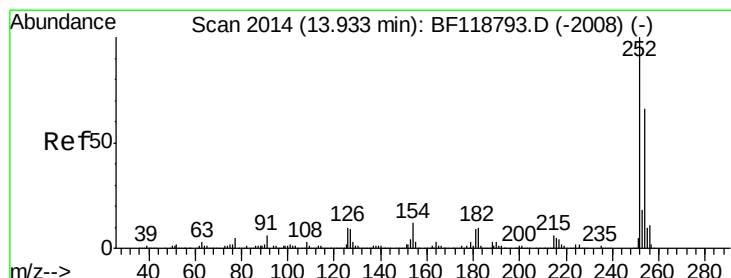
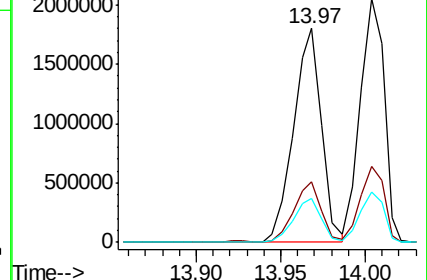
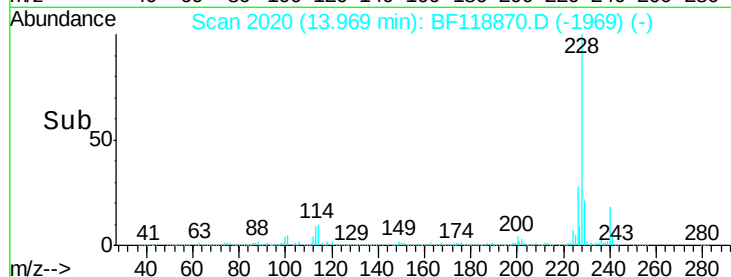
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.219 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

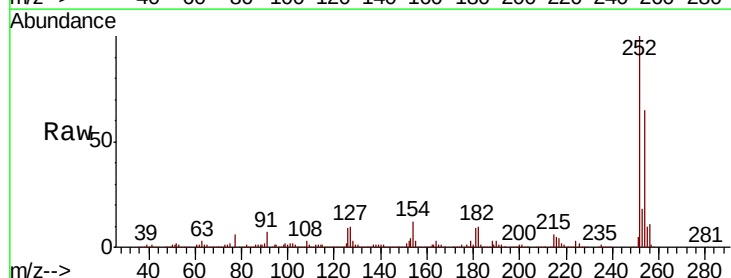
Tgt Ion:252 Resp: 743788

Ion Ratio Lower Upper

252 100

254 64.7 52.4 78.6

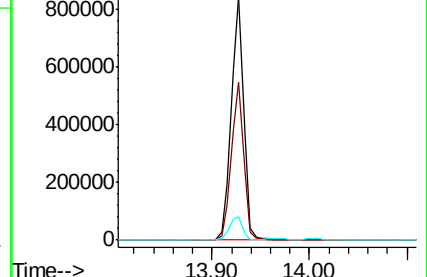
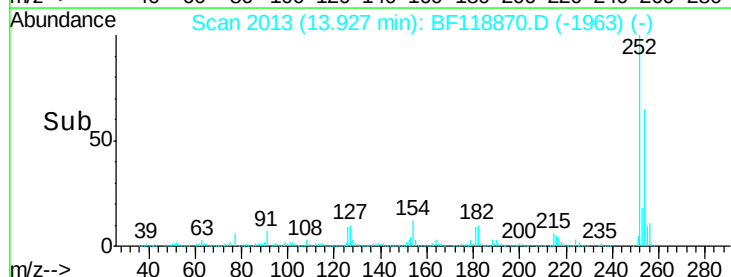
126 9.4 7.8 11.8

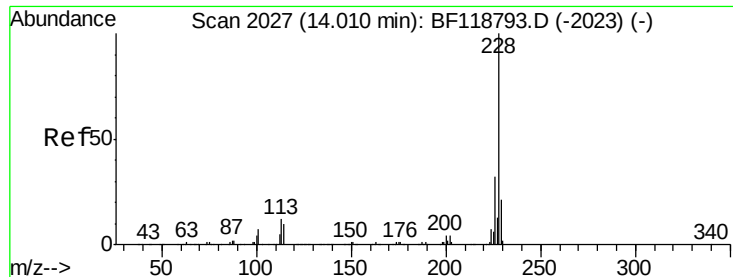


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

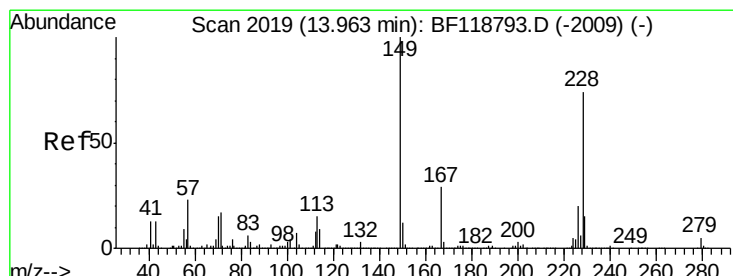
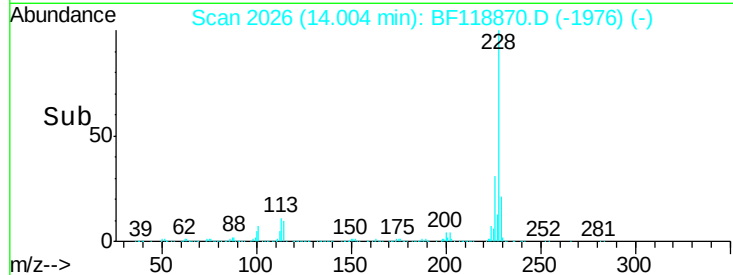
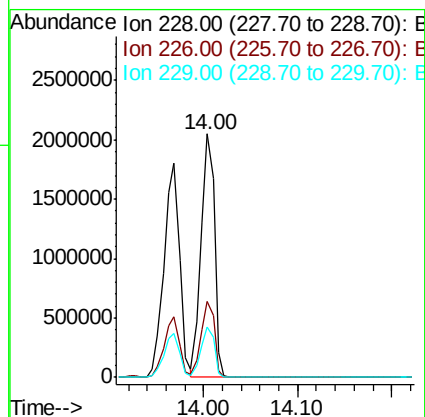
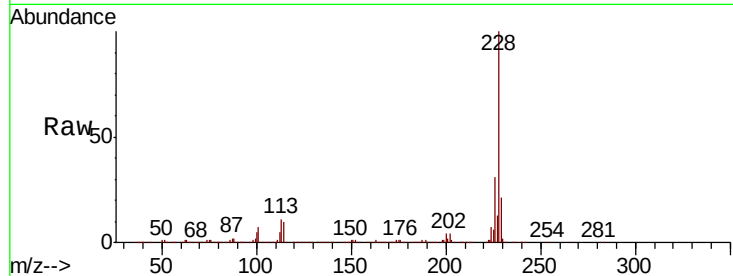




#83
Chrysene
Concen: 36.929 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

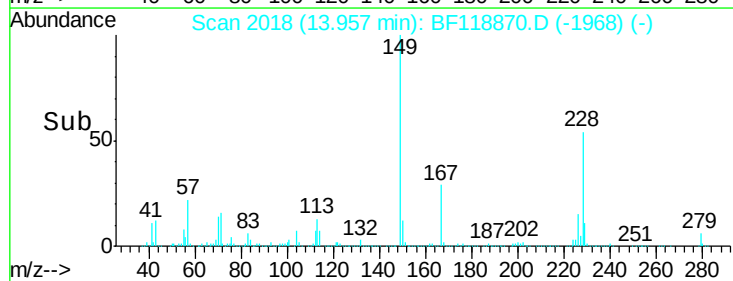
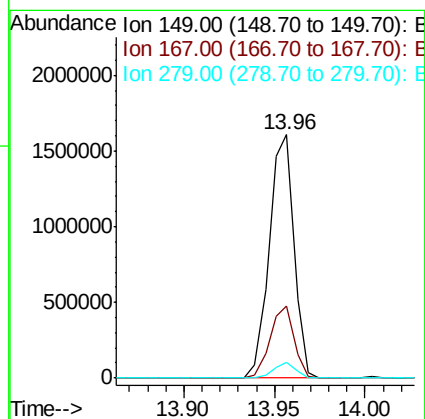
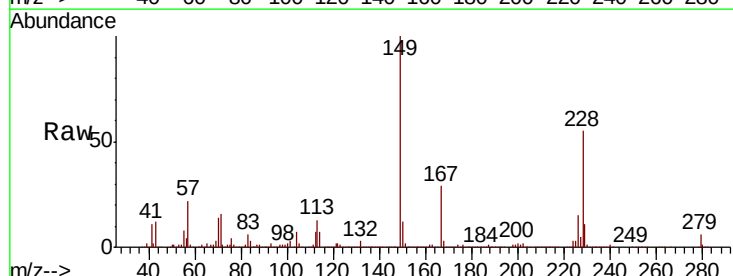
Instrument :
BNA_F
ClientSampleId :
PB126704BS

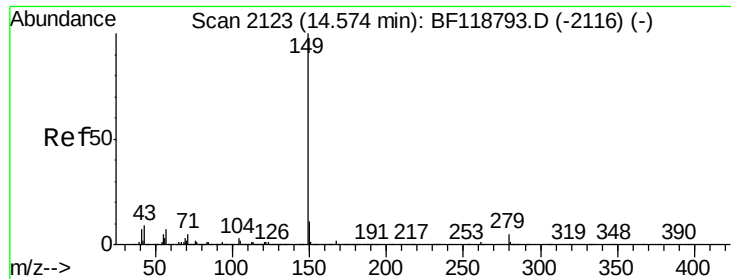
Tot Ion:228 Resp: 2029101
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.0
229 20.9 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.756 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:149 Resp: 1526092
Ion Ratio Lower Upper
149 100
167 29.4 23.0 34.6
279 6.2 4.4 6.6

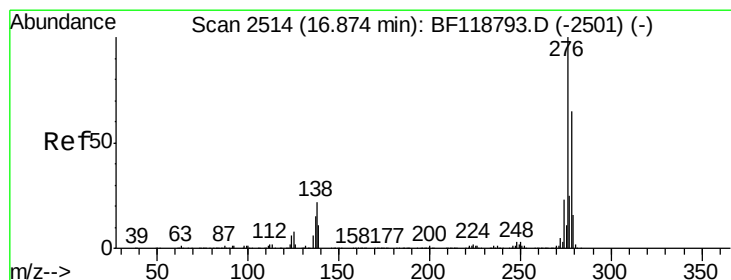
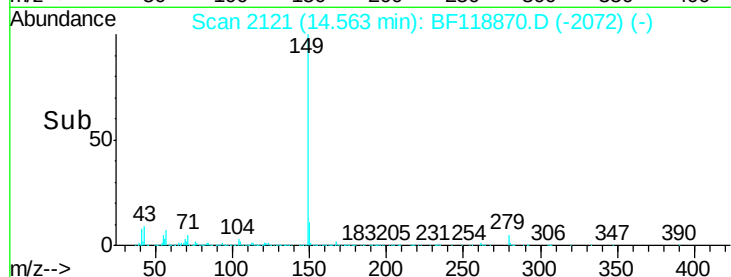
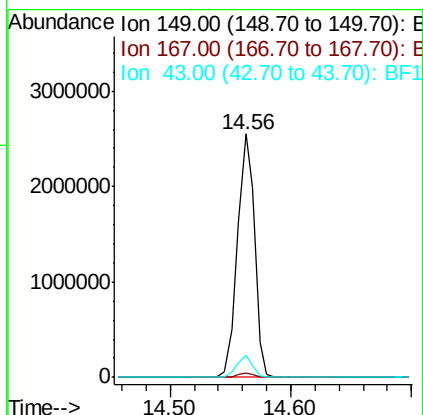
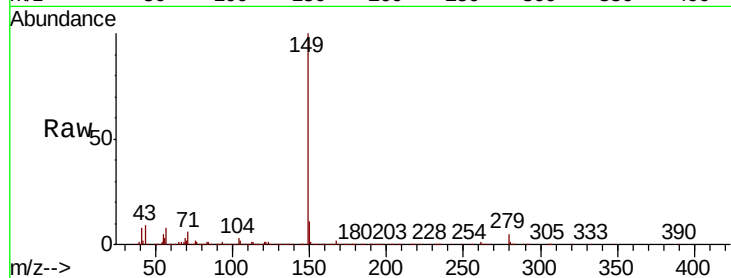




#85
Di-n-octyl phthalate
Concen: 40.317 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

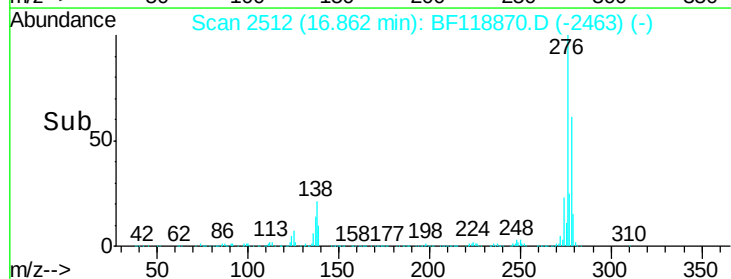
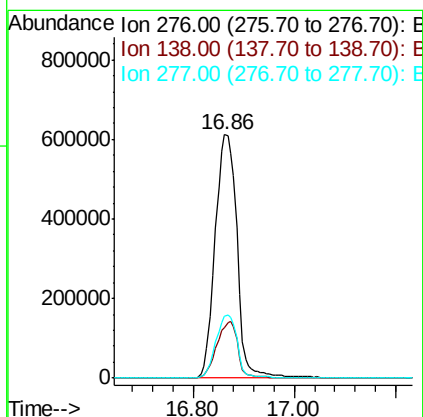
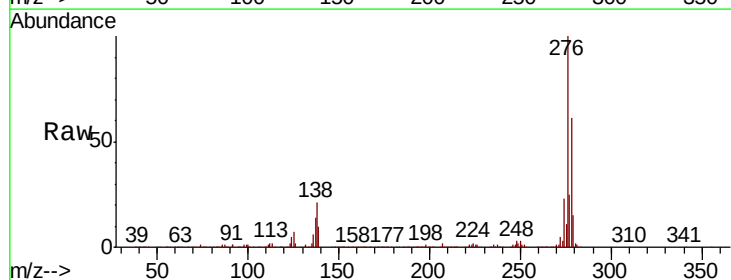
Instrument :
BNA_F
ClientSampleId :
PB126704BS

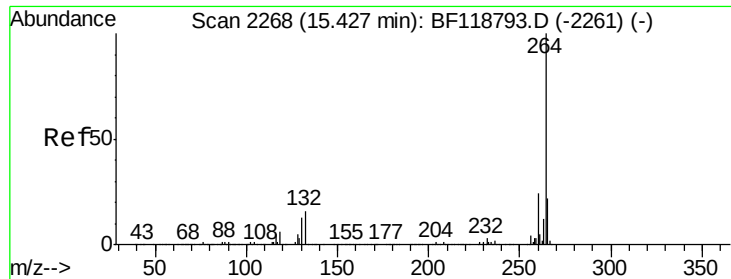
Tot Ion:149 Resp: 2524343
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.3 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.346 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:276 Resp: 1840851
Ion Ratio Lower Upper
276 100
138 22.2 18.3 27.5
277 25.4 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

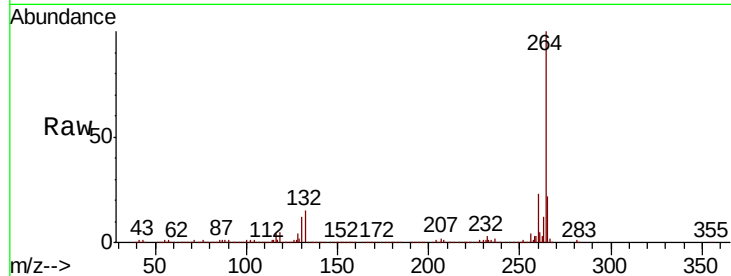
Tot Ion:264 Resp: 725640

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

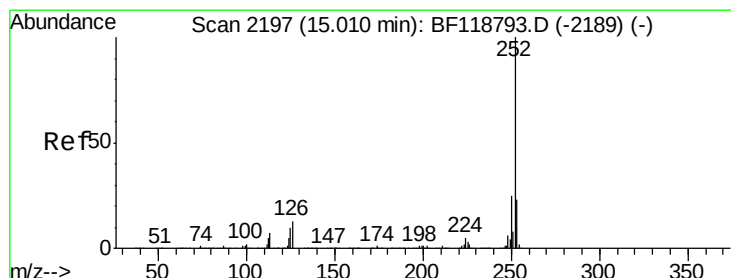
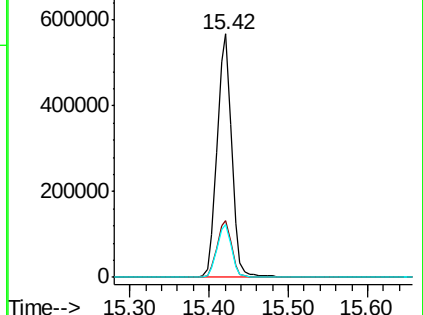
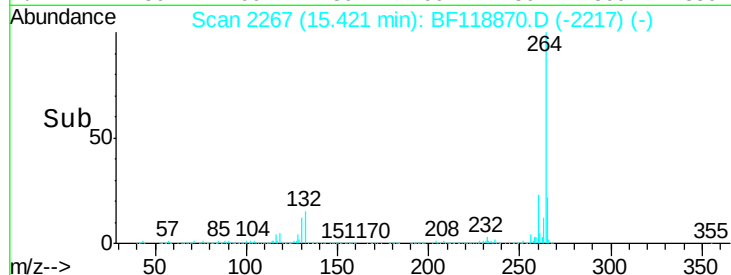
265 21.7 17.2 25.8



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



#88

Benzo(b)fluoranthene

Concen: 47.705 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

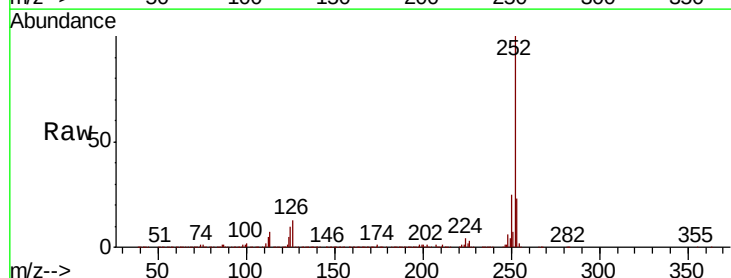
Tgt Ion:252 Resp: 2148009

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

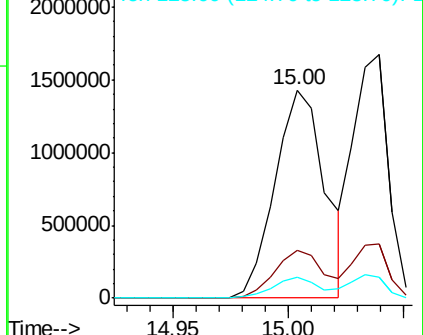
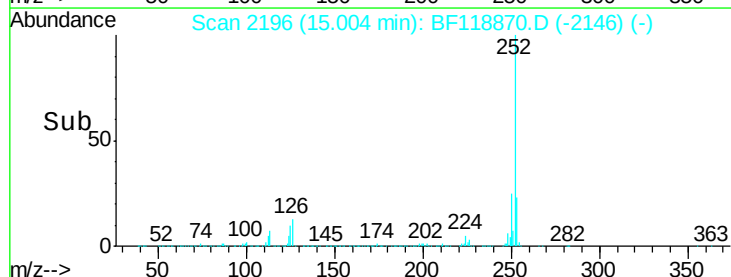
125 10.0 8.1 12.1

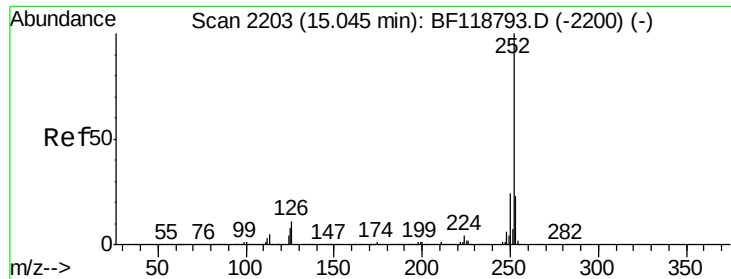


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

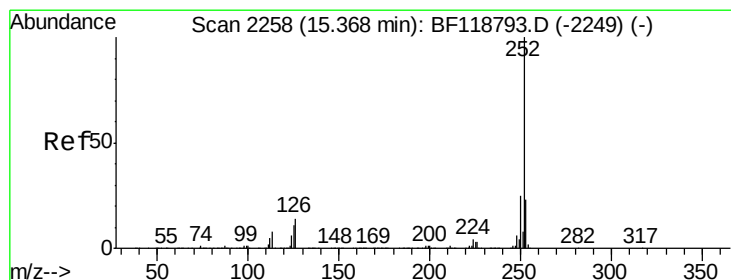
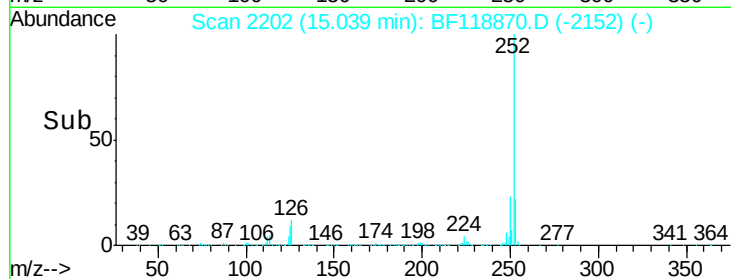
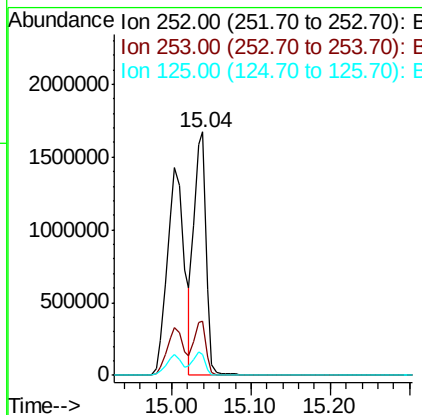
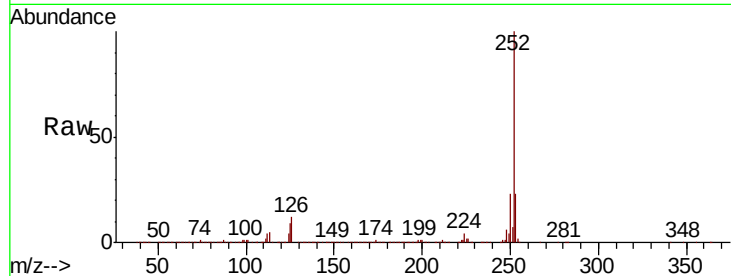




#89
Benzo(k)fluoranthene
Concen: 45.551 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

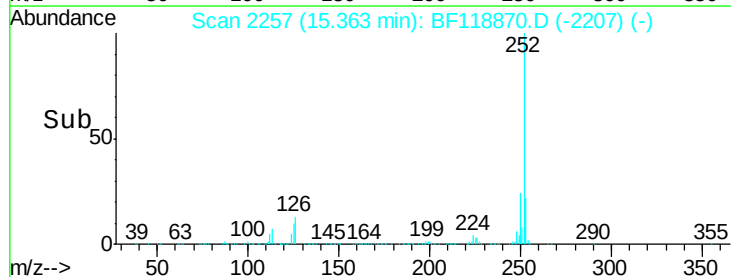
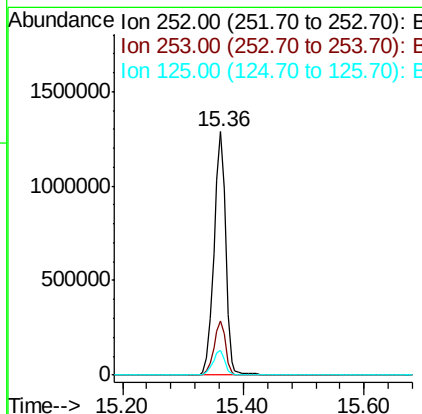
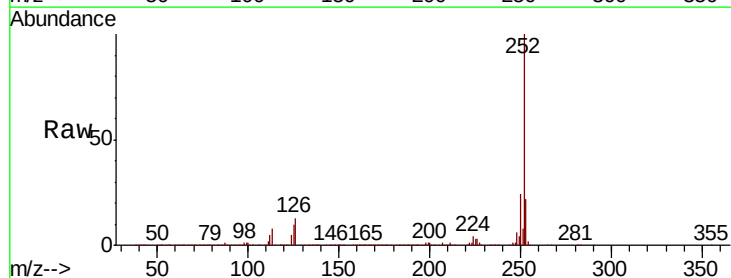
Instrument :
BNA_F
ClientSampleId :
PB126704BS

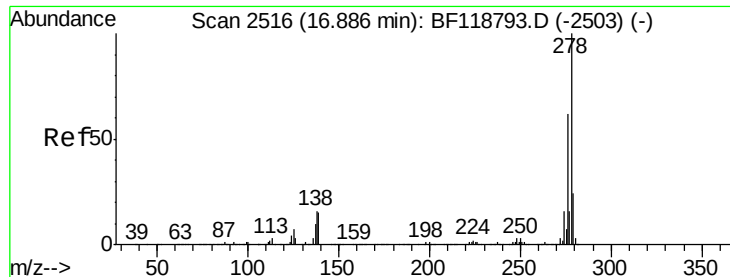
Tot Ion:252 Resp: 1786068
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 8.7 7.0 10.6



#90
Benzo(a)pyrene
Concen: 44.411 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:252 Resp: 1711361
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 46.045 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

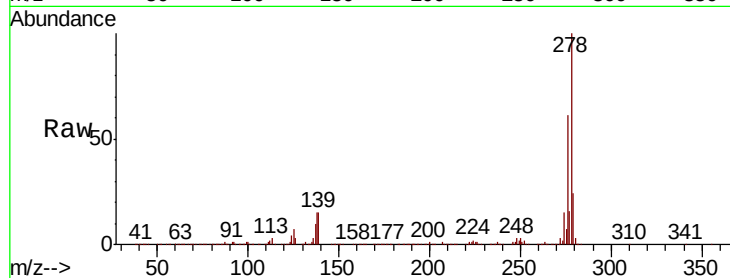
BNA_F

ClientSampleId :

PB126704BS

Tot Ion:278 Resp: 1575151

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.3	18.5
279	24.3	19.1	28.7

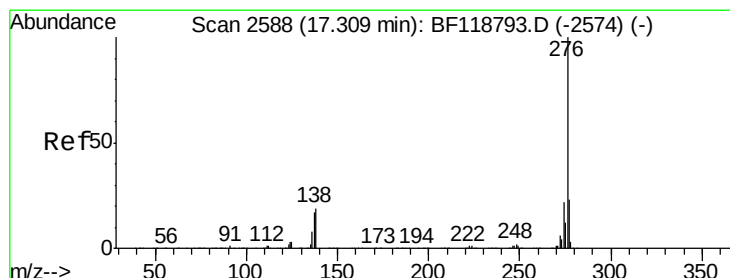
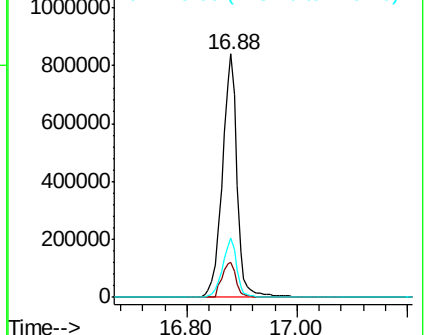
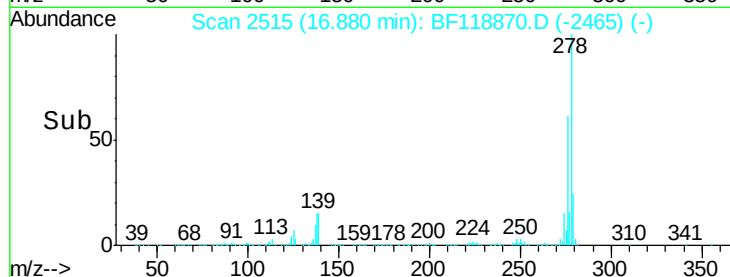


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.337 ng

RT: 17.30 min Scan# 2586

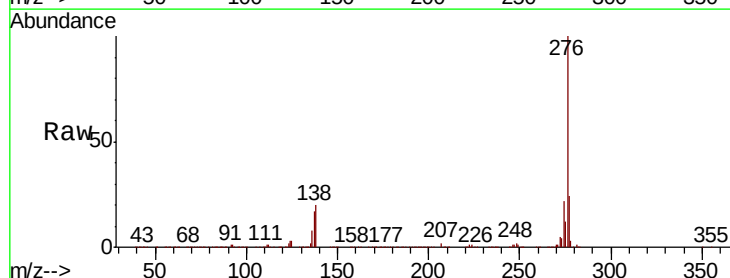
Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:276 Resp: 1491514

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	19.5	15.4	23.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

