

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118795.D
 Acq On : 3 Feb 2020 13:12
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:12:44 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 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	278366	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	984862	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	553499	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1040832	20.00	ng	0.00
76) Chrysene-d12	13.99	240	734091	20.00	ng	0.00
87) Perylene-d12	15.43	264	722540	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1718925	114.69	ng	0.00
7) Phenol-d6	6.46	99	2108079	108.21	ng	0.00
23) Nitrobenzene-d5	7.39	82	1948045	110.64	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	770736	120.39	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3523379	104.63	ng	0.00
79) Terphenyl-d14	12.93	244	4159793	123.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	398358	54.874	ng	99
3) Pyridine	3.28	79	1111812	54.338	ng	98
4) n-Nitrosodimethylamine	3.23	42	403300	45.976	ng	93
6) Aniline	6.49	93	1353599	52.769	ng	99
8) 2-Chlorophenol	6.61	128	950814	56.519	ng	97
9) Benzaldehyde	6.36	77	542938	45.828	ng	99
10) Phenol	6.47	94	1159924	52.248	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	900316	54.660	ng	99
12) 1,3-Dichlorobenzene	6.76	146	1132964	57.538	ng	97
13) 1,4-Dichlorobenzene	6.84	146	1133985	57.371	ng	99
14) 1,2-Dichlorobenzene	6.99	146	1020179	54.904	ng	98
15) Benzyl Alcohol	6.96	79	819353	53.037	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1103952	48.118	ng	99
17) 2-Methylphenol	7.07	107	791778	56.503	ng	99
18) Hexachloroethane	7.33	117	411437	57.405	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	631978	48.045	ng	100
20) 3+4-Methylphenols	7.23	107	883221	51.624	ng	96
22) Acetophenone	7.23	105	1234379	52.908	ng	99
24) Nitrobenzene	7.40	77	984055	54.582	ng	98
25) Isophorone	7.65	82	1739356	54.160	ng	99
26) 2-Nitrophenol	7.72	139	531991	69.195	ng	99
27) 2,4-Dimethylphenol	7.76	122	707156	53.265	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	1132385	54.722	ng	99
29) 2,4-Dichlorophenol	7.96	162	854321	58.211	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	990347	58.198	ng	99
31) Naphthalene	8.13	128	2630942	59.136	ng	99
32) Benzoic acid	7.90	122	633438	63.574	ng	99
33) 4-Chloroaniline	8.17	127	1157324	56.282	ng	99
34) Hexachlorobutadiene	8.25	225	612477	59.103	ng	99
35) Caprolactam	8.56	113	274481	57.150	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	848226	58.527	ng	100
37) 2-Methylnaphthalene	8.82	142	1798313	57.265	ng	97
38) 1-Methylnaphthalene	8.92	142	1710429	57.330	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	977571	56.446	ng	99

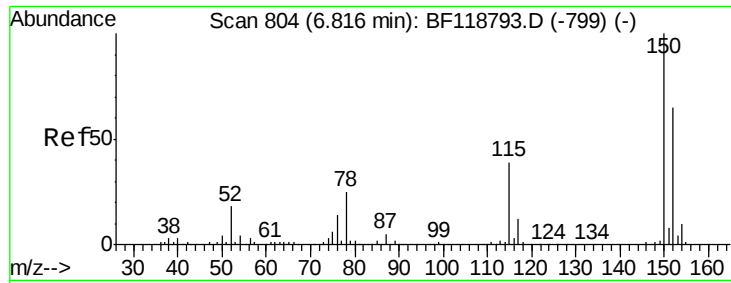
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	424543	48.587	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	661509	57.561	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	684641	58.331	nq	96
46) 1,1'-Biphenyl	9.28	154	2223794	58.295	nq	98
47) 2-Chloronaphthalene	9.30	162	1853501	57.646	nq	99
48) 2-Nitroaniline	9.40	65	539672	54.601	nq	94
49) Acenaphthylene	9.72	152	2693583	59.549	nq	99
50) Dimethylphthalate	9.59	163	2200307	61.016	nq	100
51) 2,6-Dinitrotoluene	9.65	165	512509	63.468	nq	92
52) Acenaphthene	9.89	154	1771901	58.582	nq	100
53) 3-Nitroaniline	9.81	138	572154	62.051	nq	94
54) 2,4-Dinitrophenol	9.92	184	262601	81.457	nq	91
55) Dibenzofuran	10.06	168	2446911	58.377	nq	98
56) 4-Nitrophenol	9.97	139	415720	59.723	nq	97
57) 2,4-Dinitrotoluene	10.05	165	687476	67.533	nq	# 89
58) Fluorene	10.41	166	1811669	55.056	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	593095	57.451	nq	99
60) Diethylphthalate	10.28	149	2144514	61.335	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	990388	55.339	nq	97
62) 4-Nitroaniline	10.43	138	563995	59.630	nq	99
63) Azobenzene	10.56	77	1828765	54.007	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	364320	79.601	nq	99
66) n-Nitrosodiphenylamine	10.52	169	1751071	55.786	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	725248	56.400	nq	98
68) Hexachlorobenzene	10.96	284	824276	56.539	nq	94
69) Atrazine	11.05	200	555909	51.097	nq	99
70) Pentachlorophenol	11.15	266	452650	55.844	nq	99
71) Phenanthrene	11.37	178	2823482	56.229	nq	98
72) Anthracene	11.42	178	2830542	56.968	nq	99
73) Carbazole	11.57	167	2550650	55.967	nq	100
74) Di-n-butylphthalate	11.91	149	3157742	62.364	nq	99
75) Fluoranthene	12.56	202	3051325	57.614	nq	98
77) Benzidine	12.67	184	1236856	63.059	nq	98
78) Pyrene	12.79	202	3039704	60.991	nq	98
80) Butylbenzylphthalate	13.40	149	1395590	68.422	nq	97
81) Benzo(a)anthracene	13.97	228	2545314	57.639	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	1045907	66.468	nq	99
83) Chrysene	14.01	228	2554111	60.349	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1707117	68.506	nq	100
85) Di-n-octyl phthalate	14.57	149	2887934	78.295	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	2471848	67.217	nq	100
88) Benzo(b)fluoranthene	15.02	252	2626254	57.826	nq	99
89) Benzo(k)fluoranthene	15.04	252	2393040	56.873	nq	99
90) Benzo(a)pyrene	15.37	252	2279310	58.178	nq	100
91) Dibenzo(a,h)anthracene	16.89	278	2008078	57.944	nq	99
92) Benzo(g,h,i)perylene	17.32	276	1966146	58.432	nq	99

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

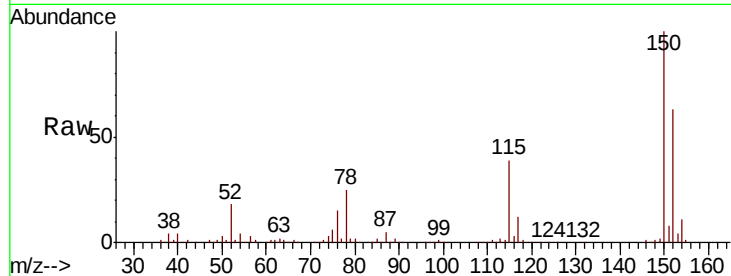


#1

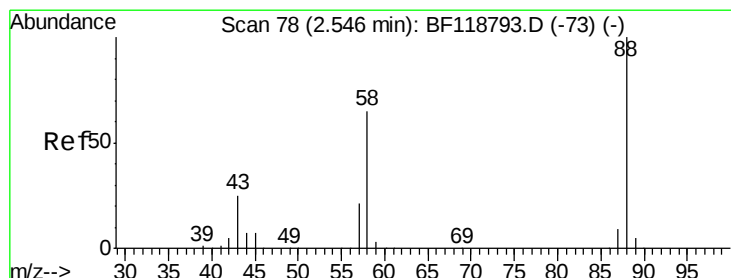
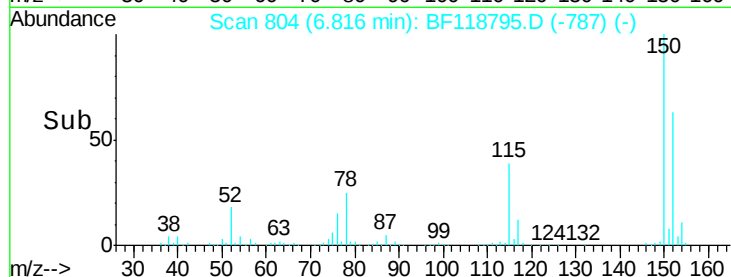
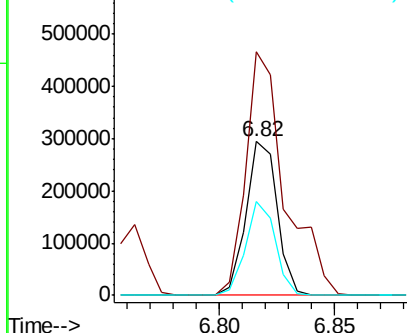
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.6	185.4
115	61.0	48.2	72.2



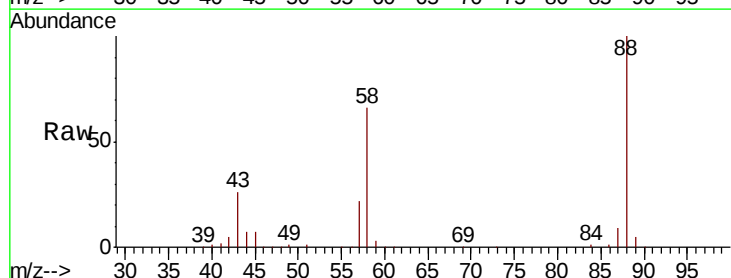
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



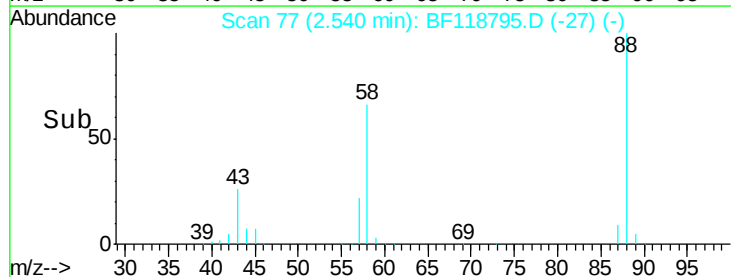
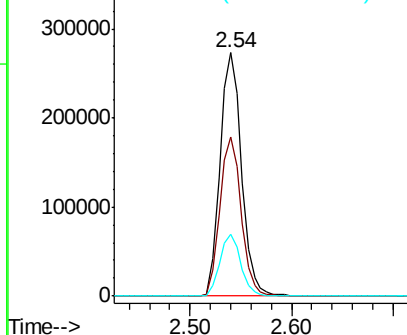
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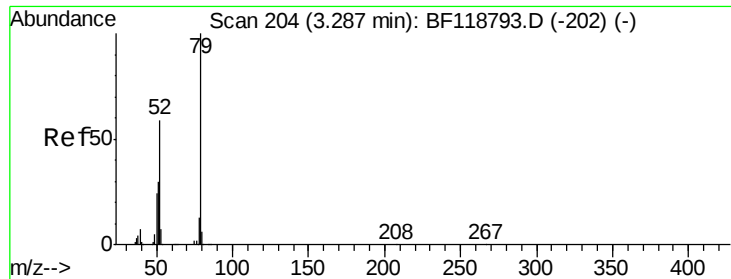
1,4-Dioxane
 Concen: 54.874 ng
 RT: 2.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	51.6	77.4
43	25.1	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: 54.338 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

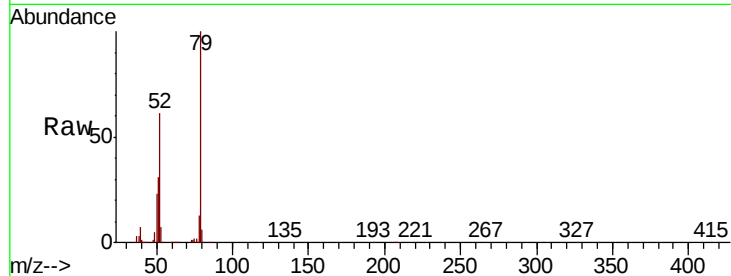
Tot Ion: 79 Resp: 1111812

Ion Ratio Lower Upper

79 100

52 61.0 47.4 71.0

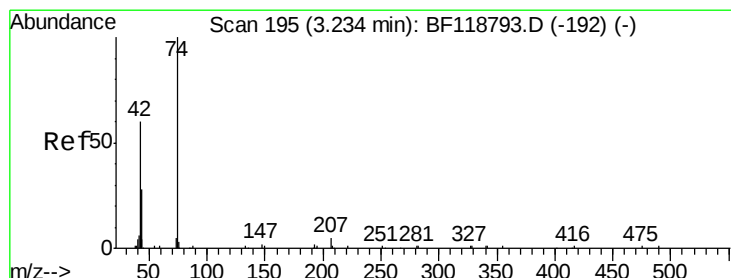
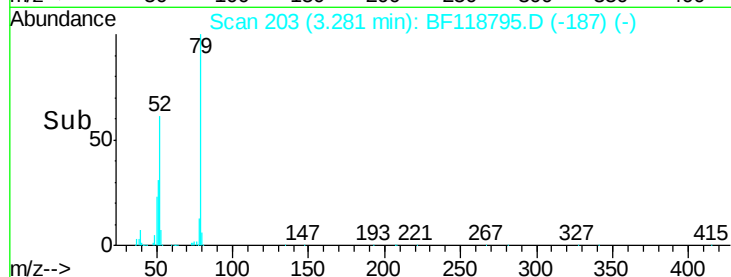
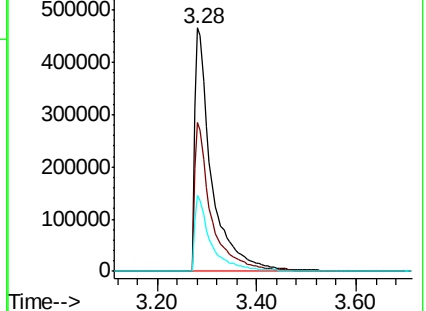
51 31.1 24.2 36.4



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: 45.976 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

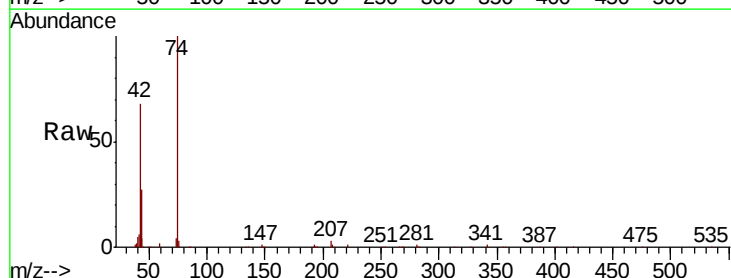
Tgt Ion: 42 Resp: 403300

Ion Ratio Lower Upper

42 100

74 146.5 124.3 186.5

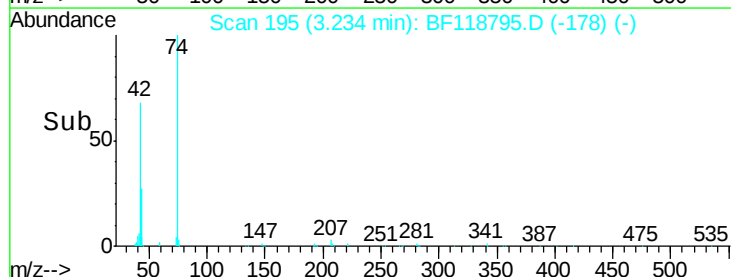
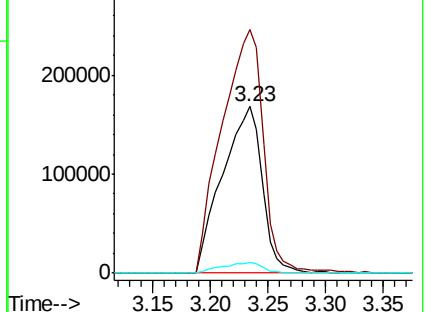
44 6.2 5.3 7.9

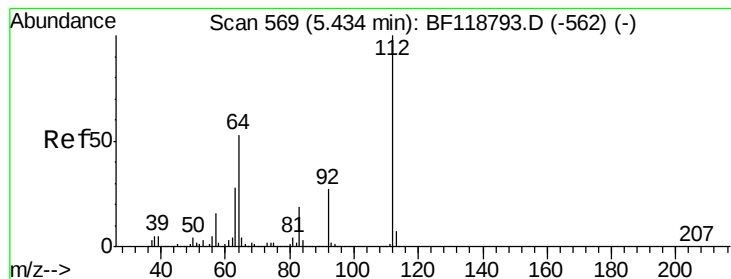


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

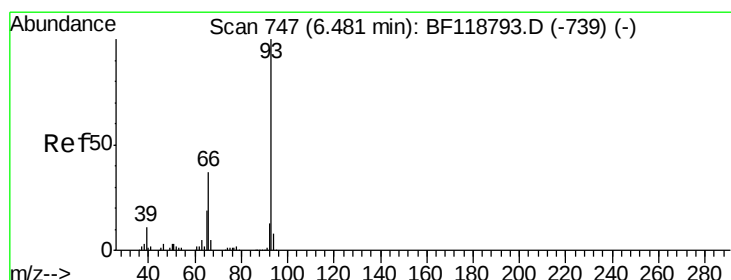
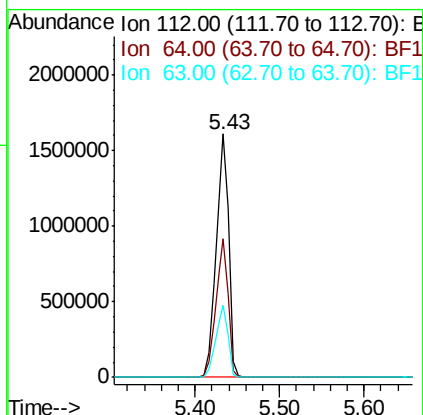
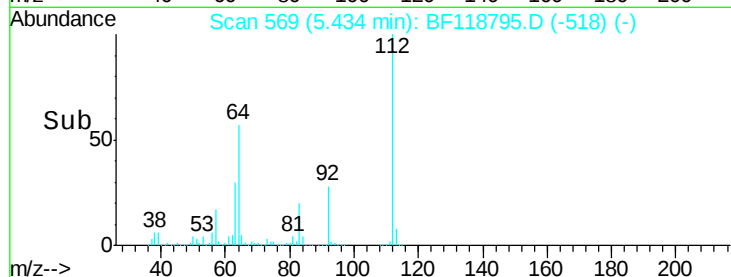
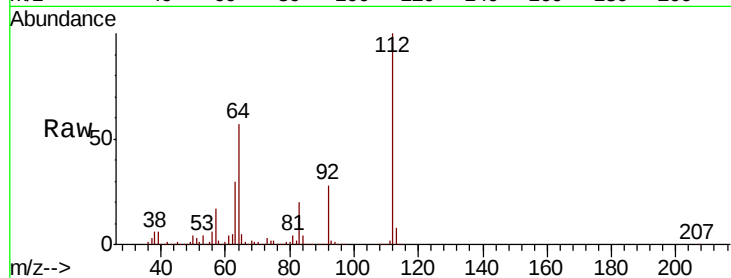




#5
2-Fluorophenol
Concen: 114.686 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

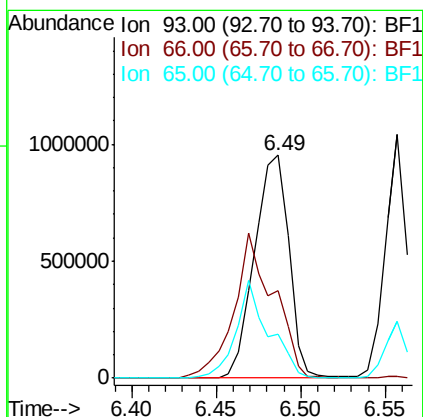
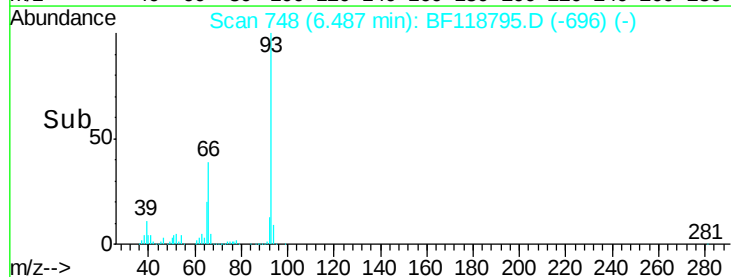
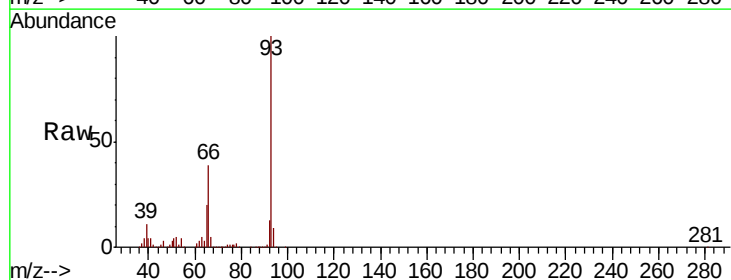
Instrument :
BNA_F
ClientSampleId :

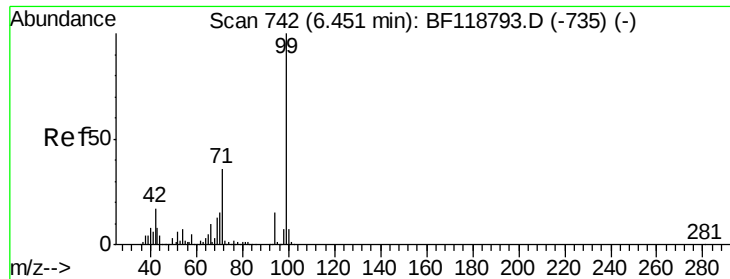
Tot Ion:112 Resp: 1718925
Ion Ratio Lower Upper
112 100
64 56.8 42.6 63.8
63 29.7 22.2 33.4



#6
Aniline
Concen: 52.769 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion: 93 Resp: 1353599
Ion Ratio Lower Upper
93 100
66 39.4 30.8 46.2
65 19.6 15.4 23.0





#7

Phenol-d6

Concen: 108.214 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

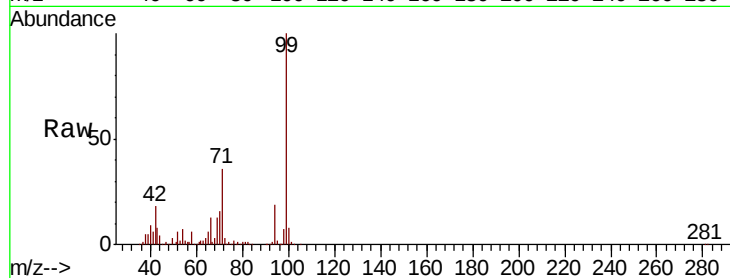
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2108079

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.0
71	36.5	29.0	43.6

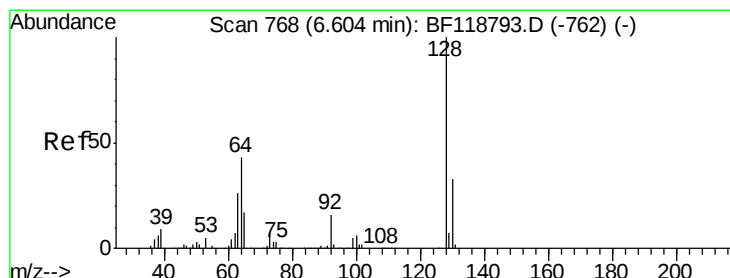
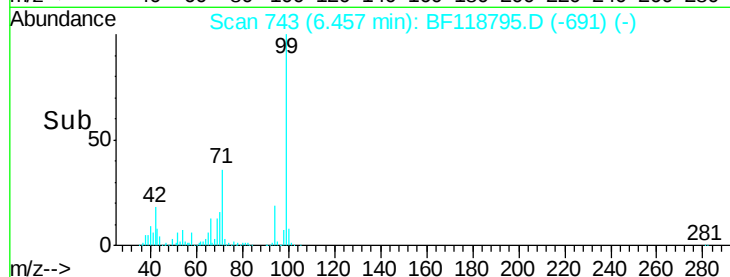
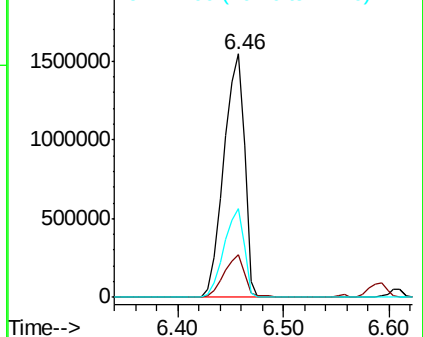


Abundance

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: 56.519 ng

RT: 6.61 min Scan# 769

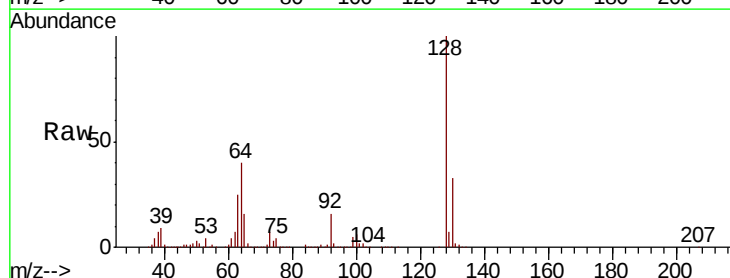
Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Tgt Ion: 128 Resp: 950814

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	40.3	23.0	63.0

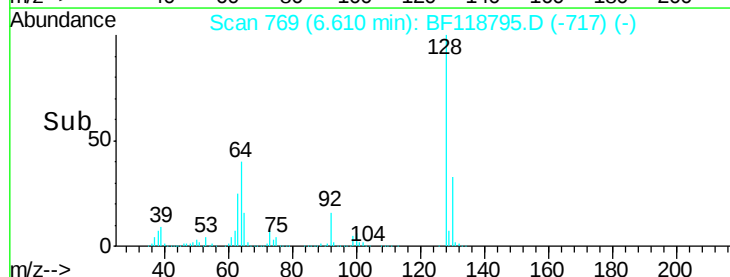
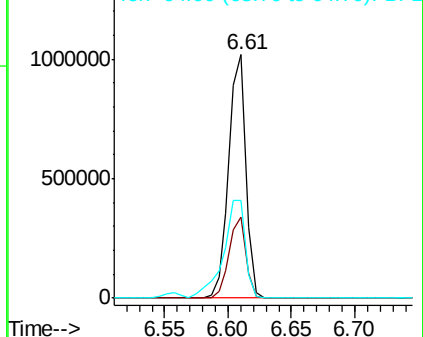


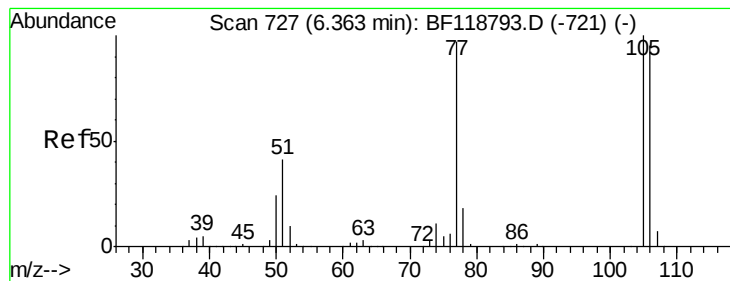
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.828 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

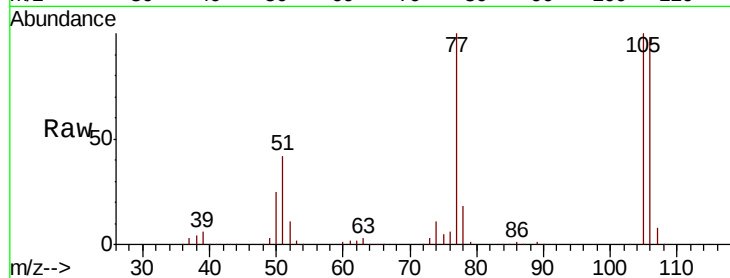
Tot Ion: 77 Resp: 542938

Ion Ratio Lower Upper

77 100

105 100.4 82.8 122.8

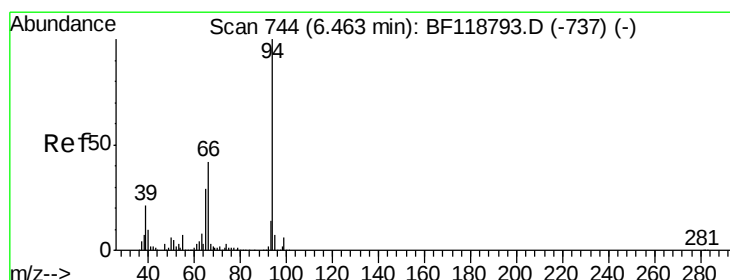
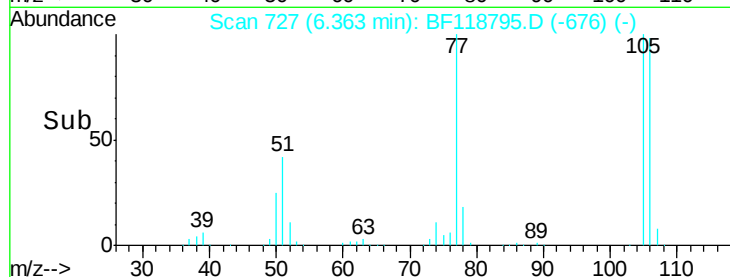
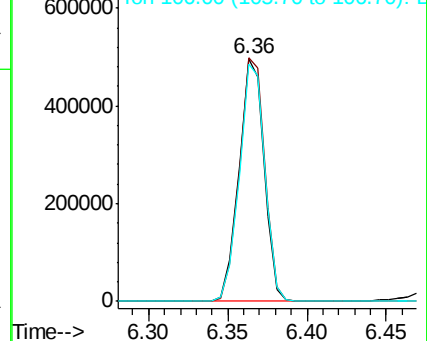
106 97.9 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.248 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

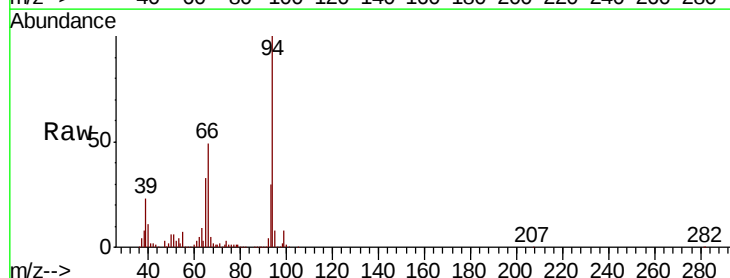
Tgt Ion: 94 Resp: 1159924

Ion Ratio Lower Upper

94 100

65 33.2 9.1 49.1

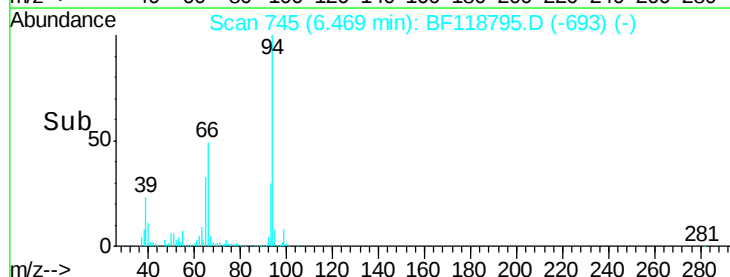
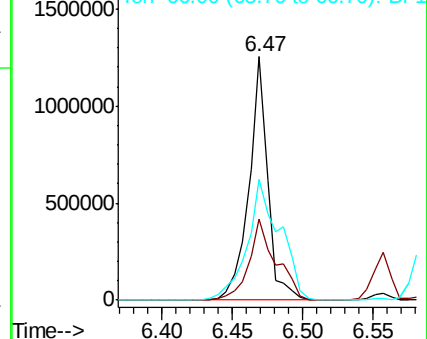
66 49.3 21.7 61.7

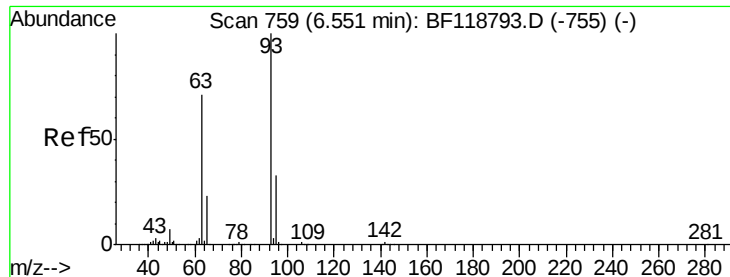


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



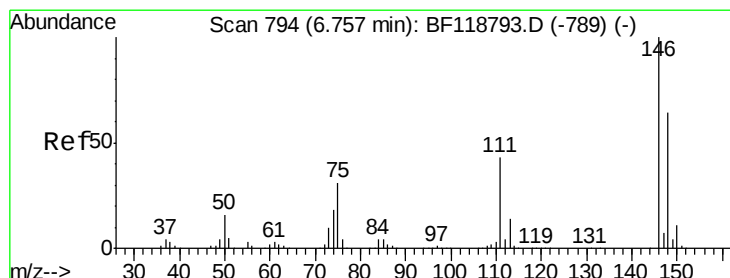
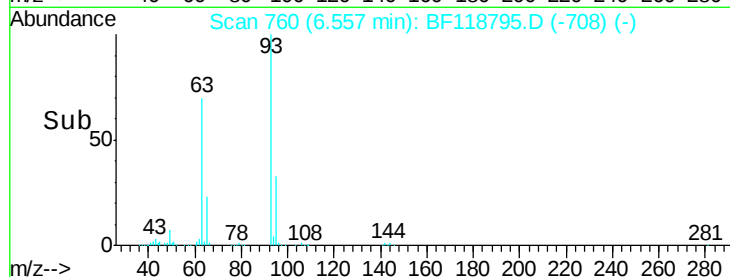
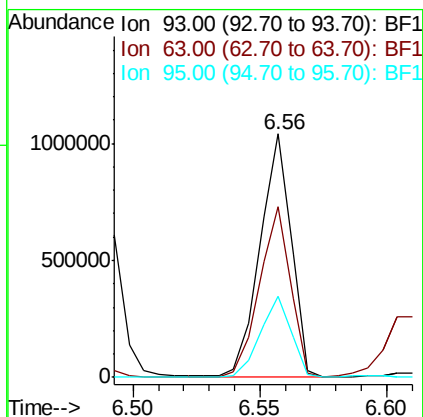
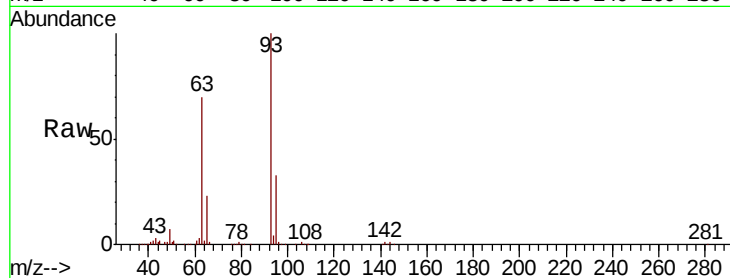


#11

bis(2-Chloroethyl)ether
Concen: 54.660 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

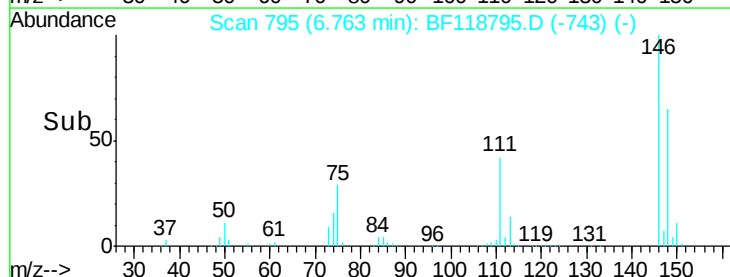
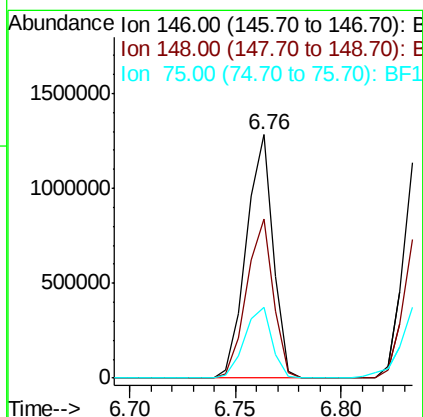
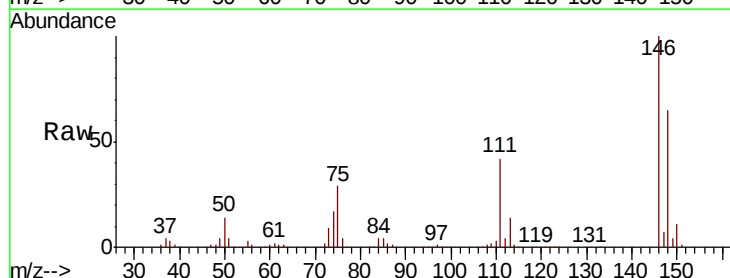
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	50.7	90.7
95	33.4	12.6	52.6

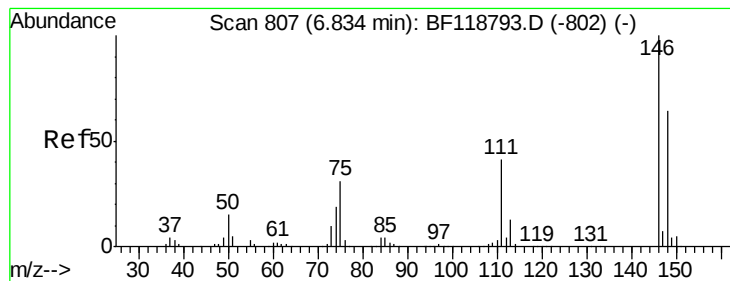


#12

1,3-Dichlorobenzene
Concen: 57.538 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
75	29.1	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 57.371 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampled :

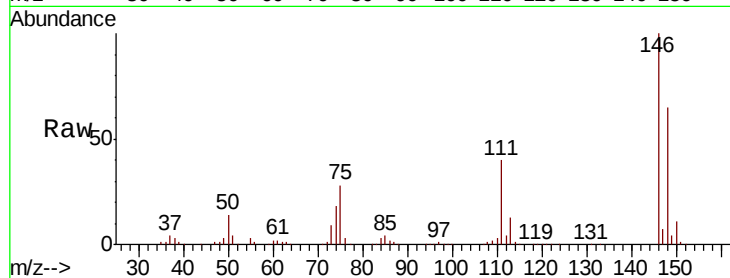
Tot Ion:146 Resp: 1133985

Ion Ratio Lower Upper

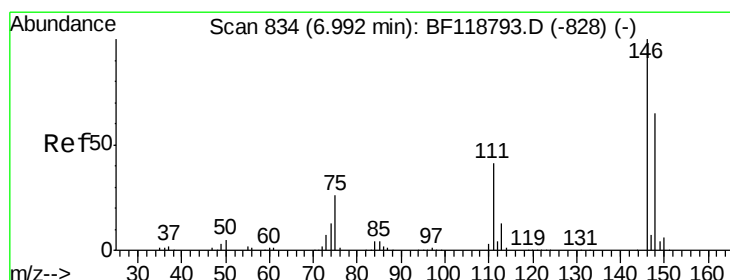
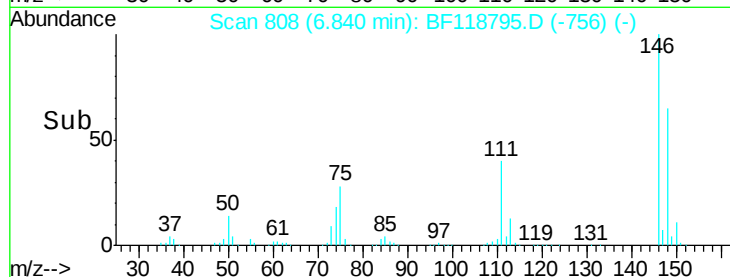
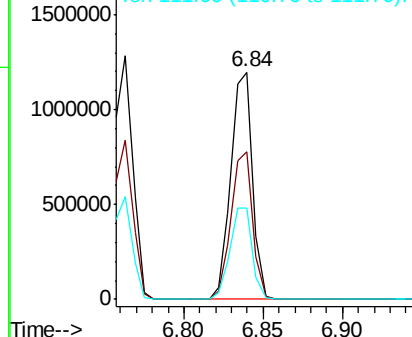
146 100

148 65.0 51.6 77.4

111 40.2 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: 54.904 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

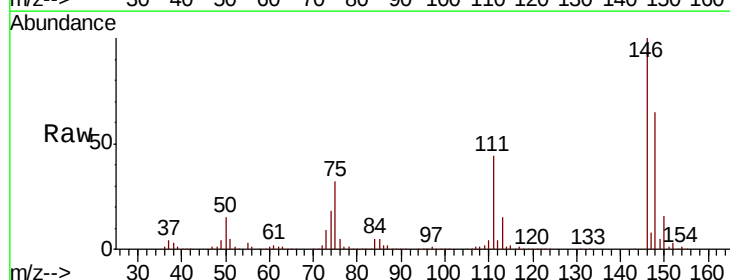
Tgt Ion:146 Resp: 1020179

Ion Ratio Lower Upper

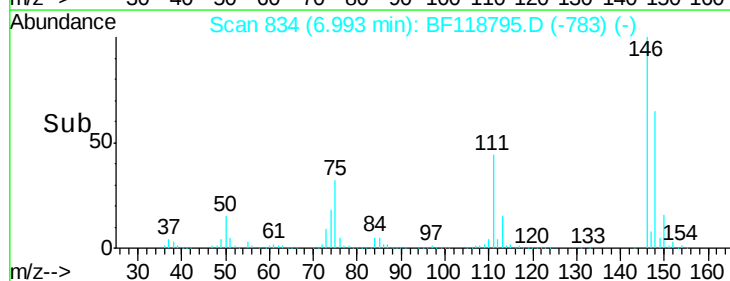
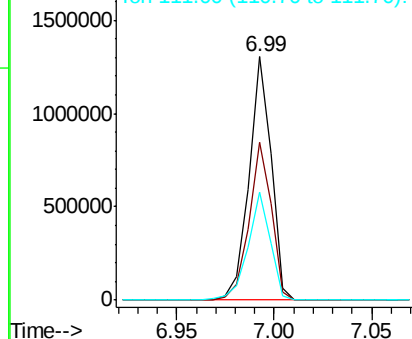
146 100

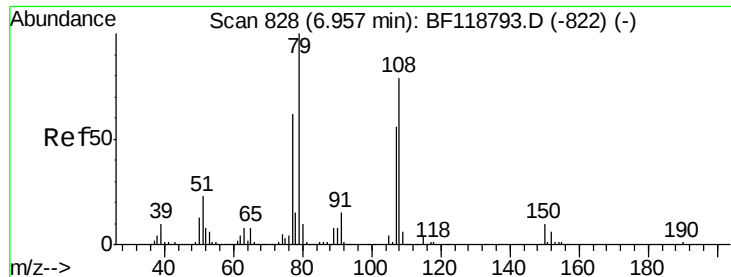
148 64.8 51.6 77.4

111 44.4 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: 53.037 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

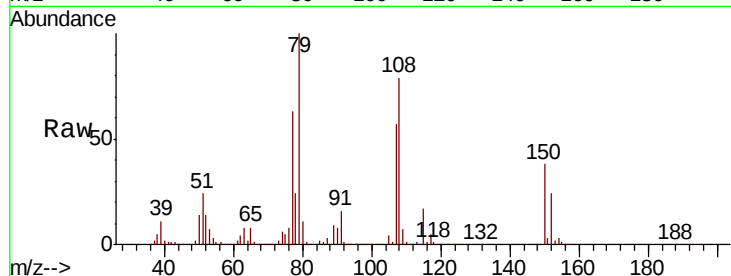
Tot Ion: 79 Resp: 819353

Ion Ratio Lower Upper

79 100

108 79.4 62.9 94.3

77 63.0 50.0 75.0



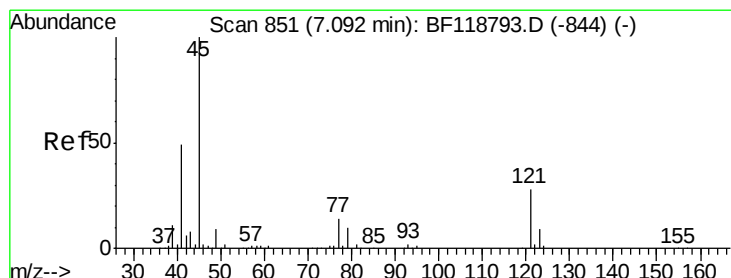
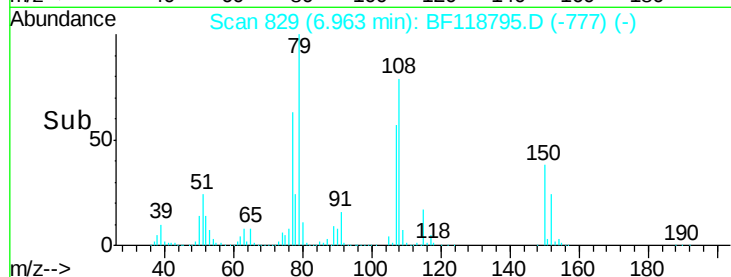
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.96

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.118 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

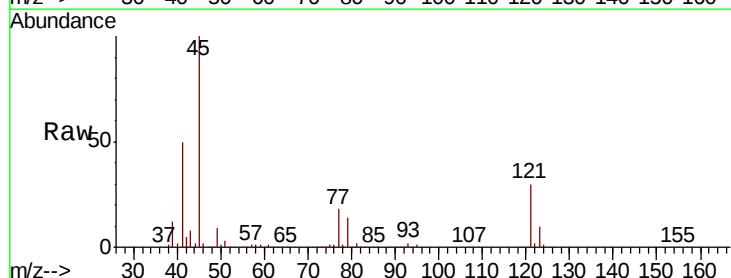
Tgt Ion: 45 Resp: 1103952

Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.1

79 13.6 0.0 33.1



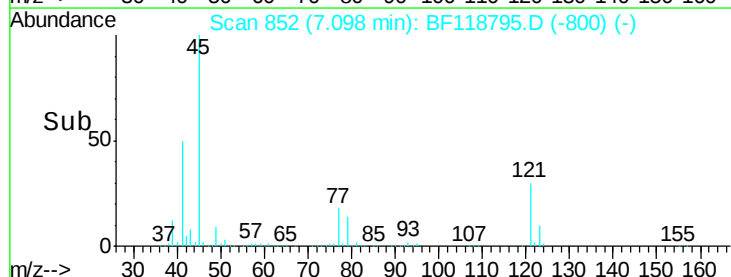
Abundance Ion 45.00 (44.70 to 45.70): BF1

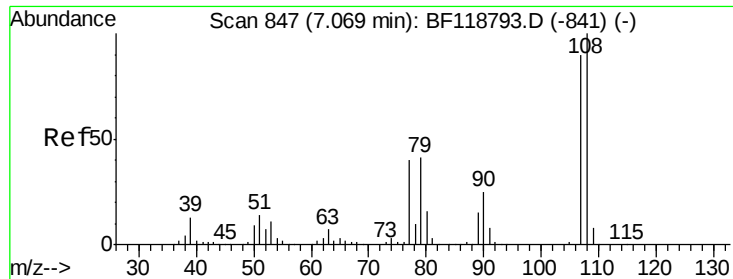
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.10

Time-->

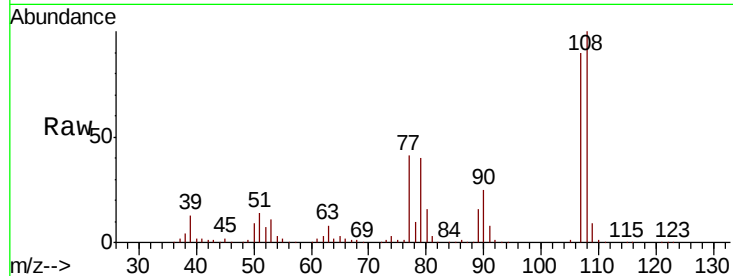




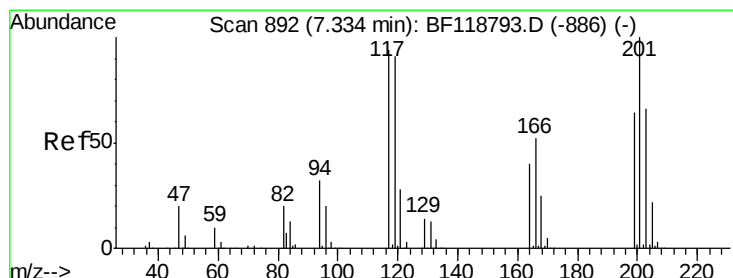
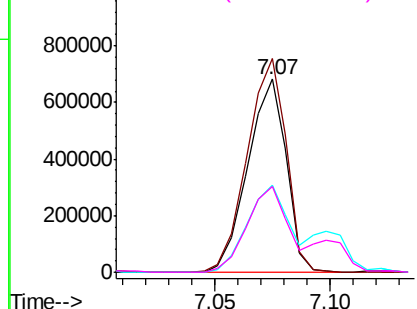
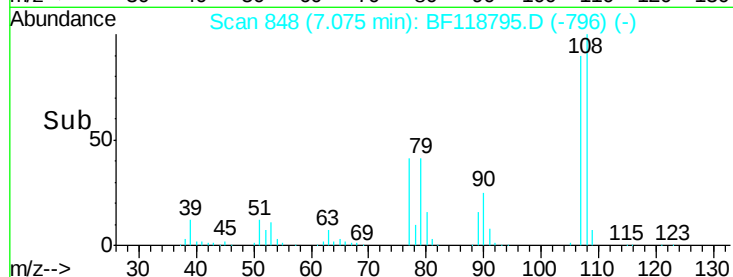
#17
2-Methylphenol
Concen: 56.503 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 791778
Ion Ratio Lower Upper
107 100
108 110.6 89.3 133.9
77 45.4 36.2 54.2
79 44.7 36.3 54.5

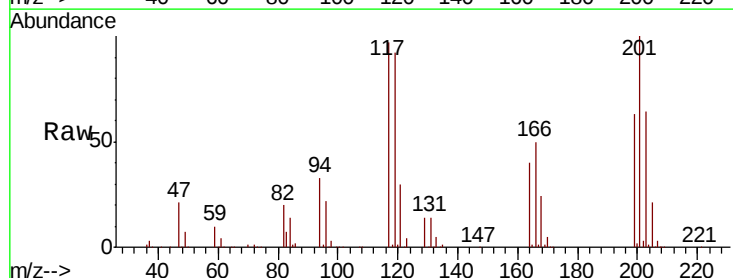


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

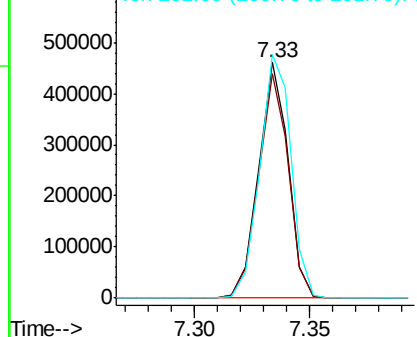
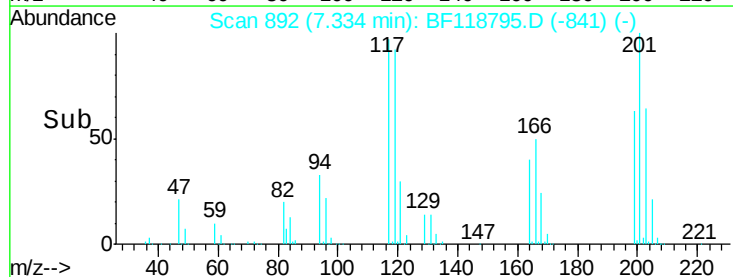


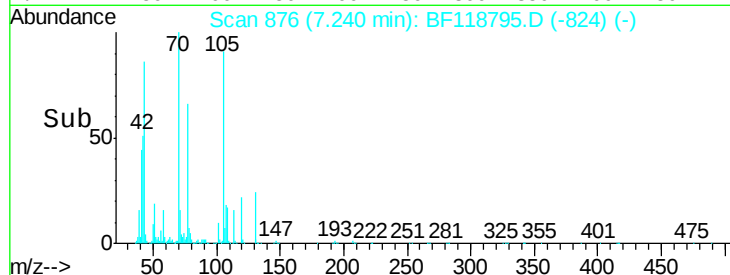
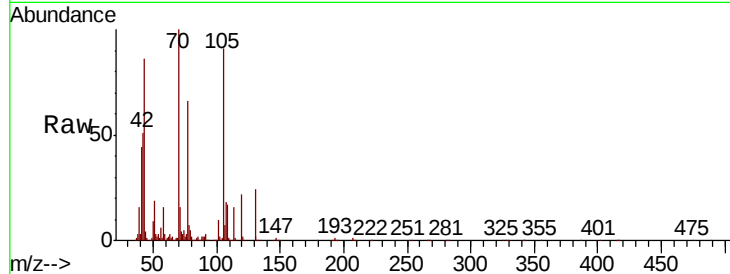
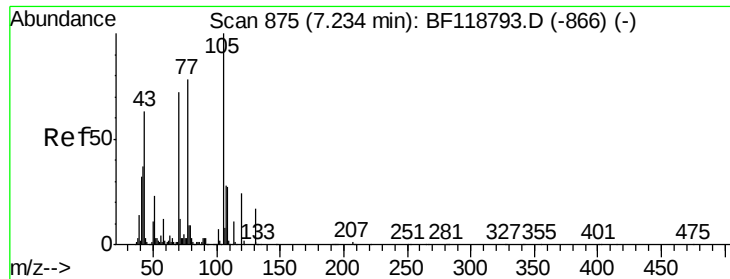
#18
Hexachloroethane
Concen: 57.405 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:117 Resp: 411437
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
201 103.3 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

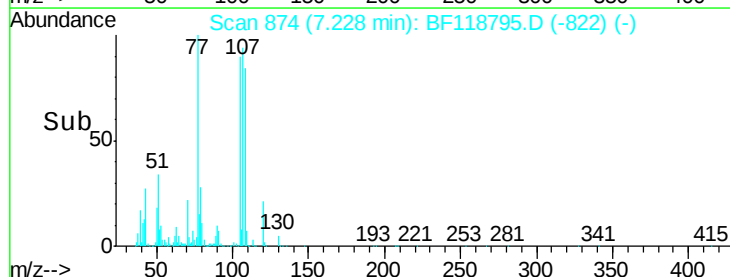
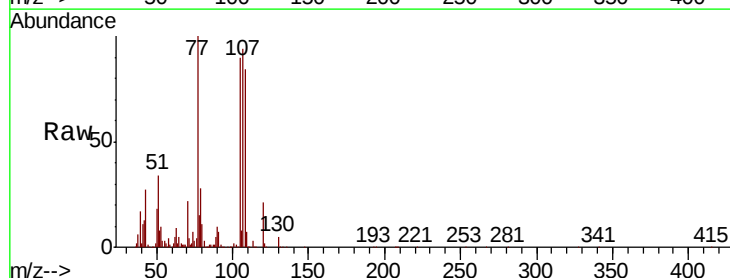
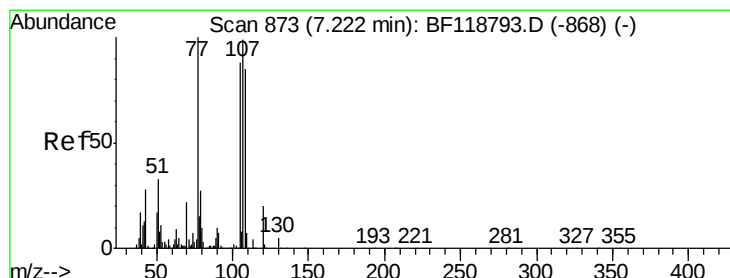
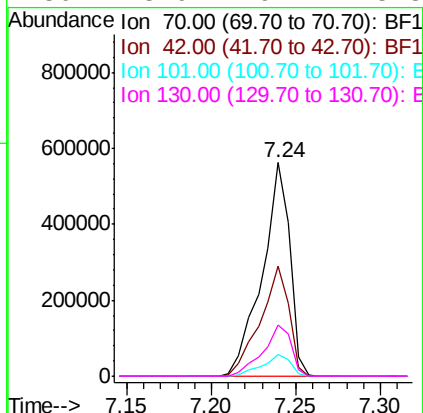




#19
n-Nitroso-di-n-propylamine
Concen: 48.045 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

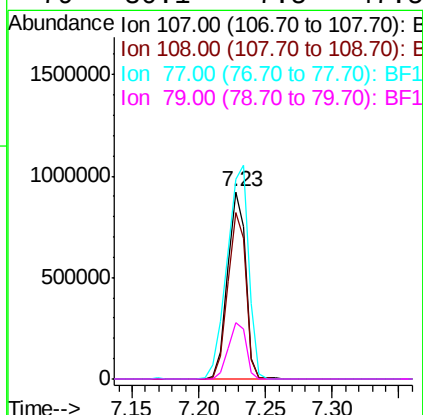
Instrument :
BNA_F
ClientSampleId :

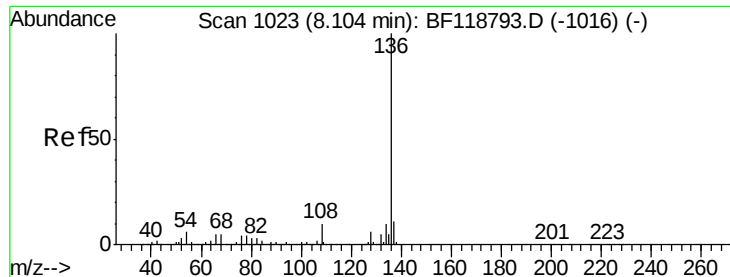
Tot Ion:	70	Resp:	631978
Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.5	62.3
101	10.2	8.3	12.5
130	23.9	19.2	28.8



#20
3+4-Methylphenols
Concen: 51.624 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:	107	Resp:	883221
Ion	Ratio	Lower	Upper
107	100		
108	88.8	65.9	105.9
77	106.3	80.9	120.9
79	30.1	7.5	47.5

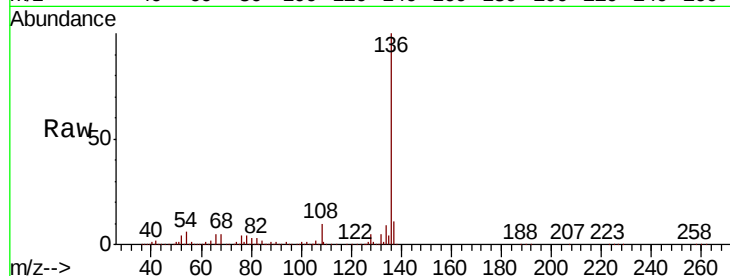




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	984862
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.7 13.1
54	6.5	5.0 7.6
68	5.4	4.2 6.4



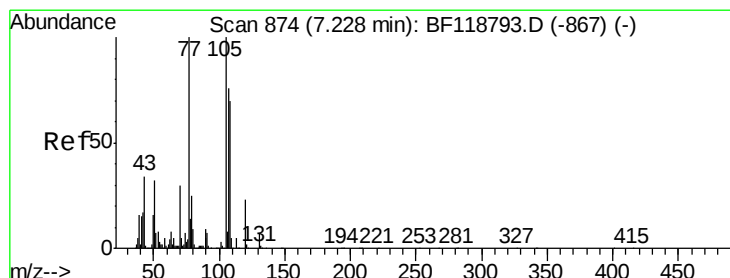
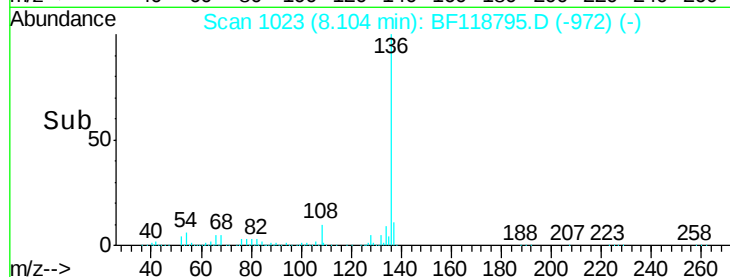
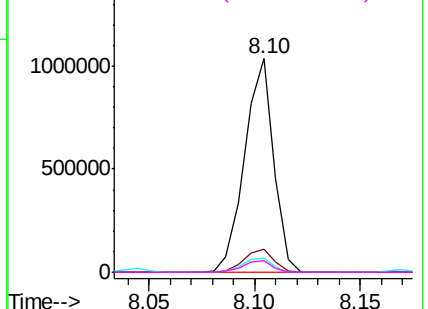
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

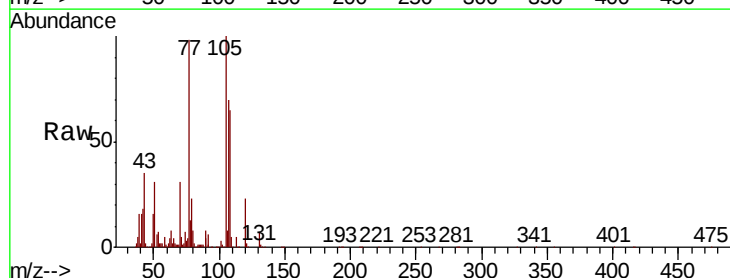
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 52.908 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:105	Resp:	1234379
Ion	Ratio	Lower Upper
105	100	
71	5.4	4.2 6.4
51	31.2	25.5 38.3
120	23.3	18.6 28.0



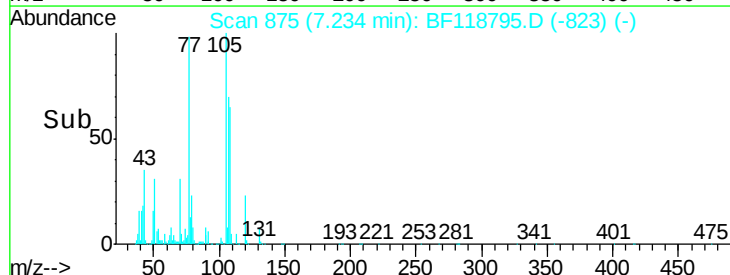
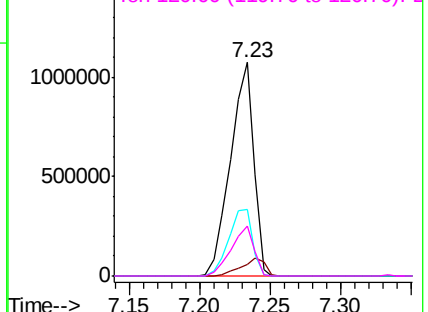
Abundance

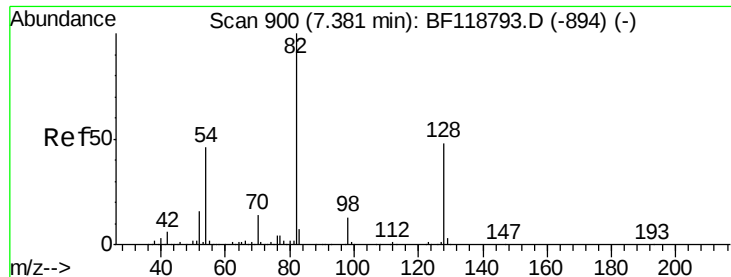
Ion 105.00 (104.70 to 105.70): E

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

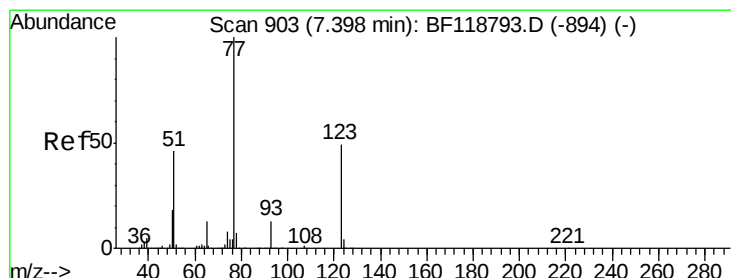
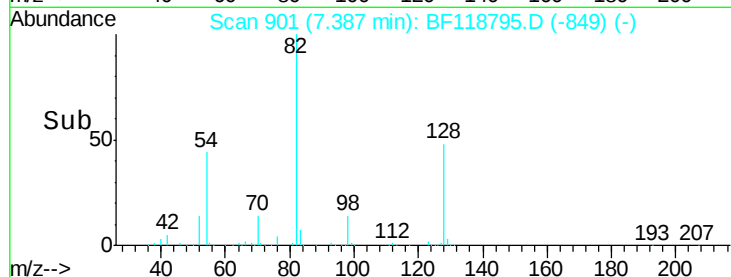
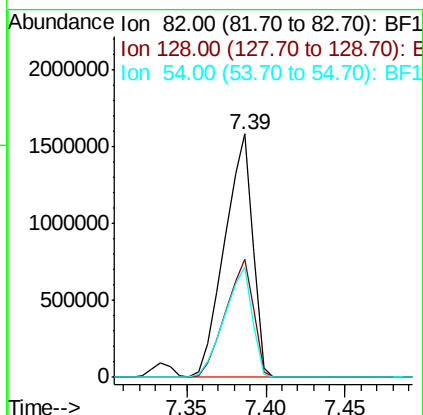
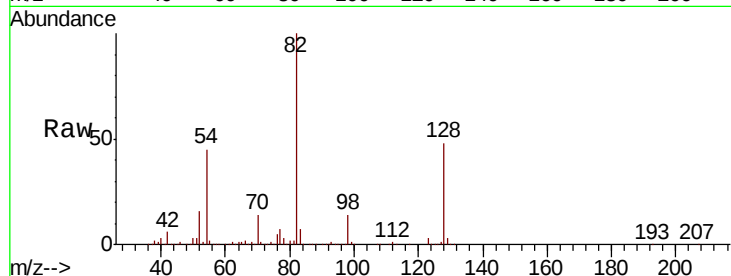




#23
 Nitrobenzene-d5
 Concen: 110.637 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

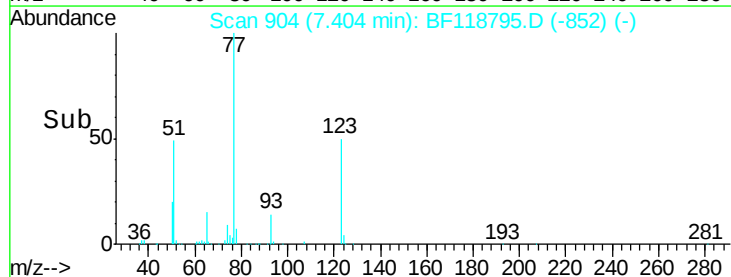
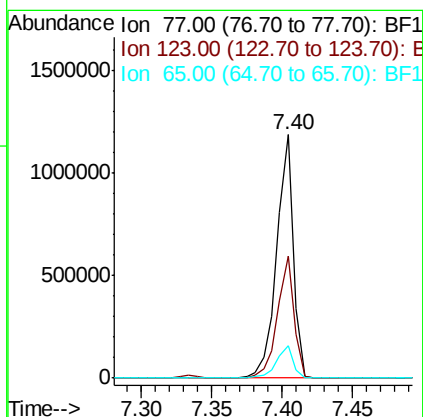
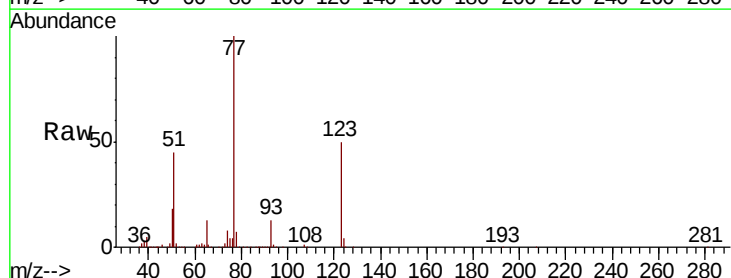
Instrument :
 BNA_F
 ClientSampleId :

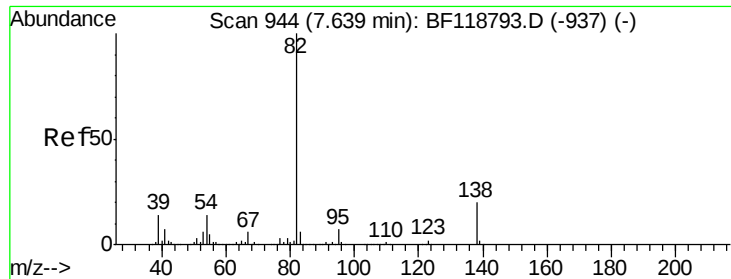
Tot Ion: 82 Resp: 1948045
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.5 57.7
 54 45.3 36.7 55.1



#24
 Nitrobenzene
 Concen: 54.582 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion: 77 Resp: 984055
 Ion Ratio Lower Upper
 77 100
 123 50.4 39.0 58.4
 65 13.4 10.6 15.8

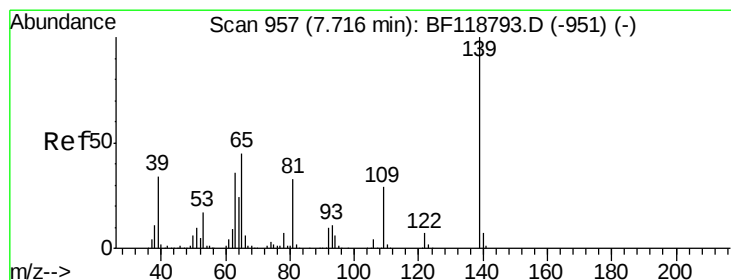
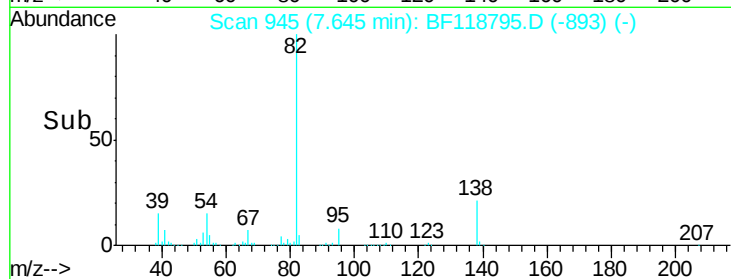
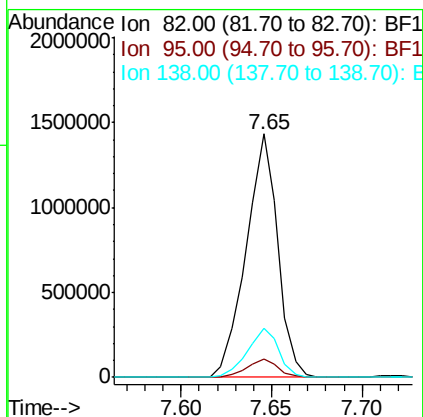
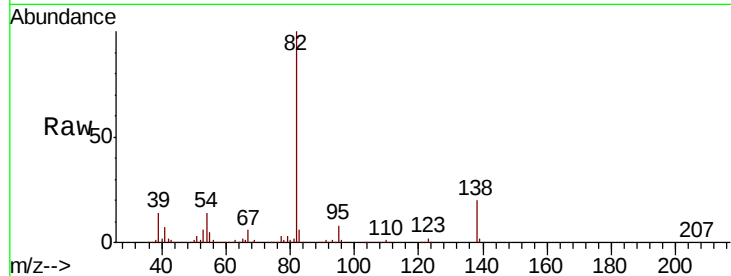




#25
Isophorone
Concen: 54.160 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

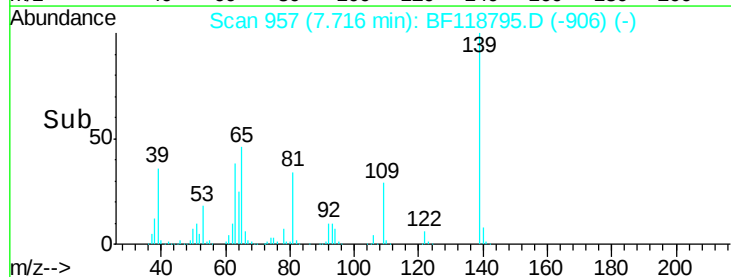
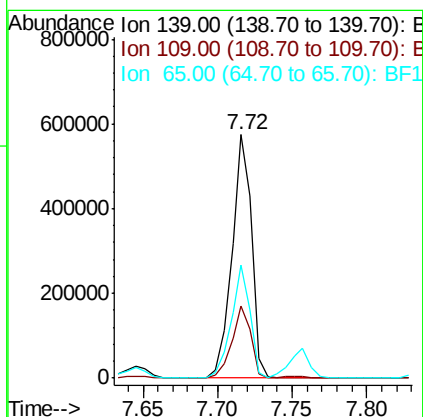
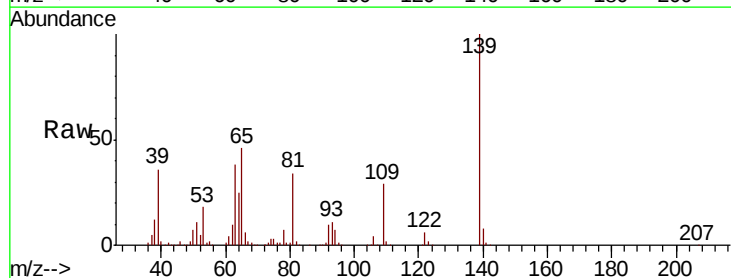
Instrument :
BNA_F
ClientSampleId :

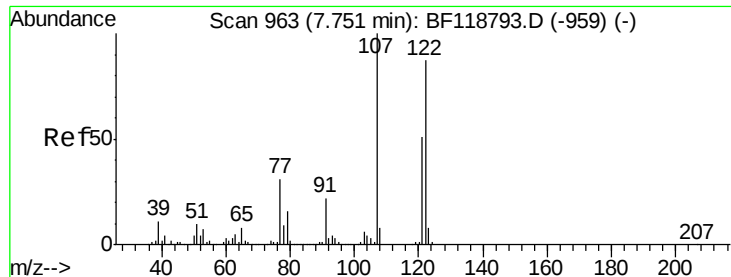
Tot Ion: 82 Resp: 1739356
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 20.3 15.7 23.5



#26
2-Nitrophenol
Concen: 69.195 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:139 Resp: 531991
Ion Ratio Lower Upper
139 100
109 29.5 23.4 35.0
65 46.3 36.2 54.2

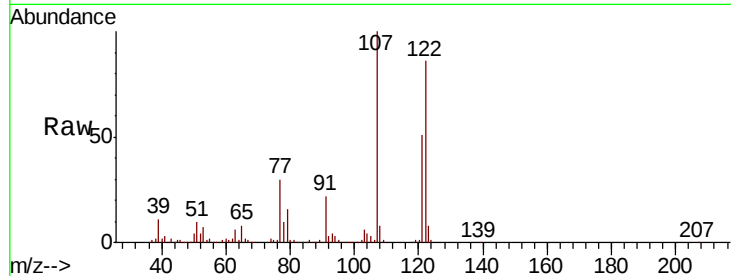




#27
 2,4-Dimethylphenol
 Concen: 53.265 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	92.2	138.2
121	59.9	46.8	70.2

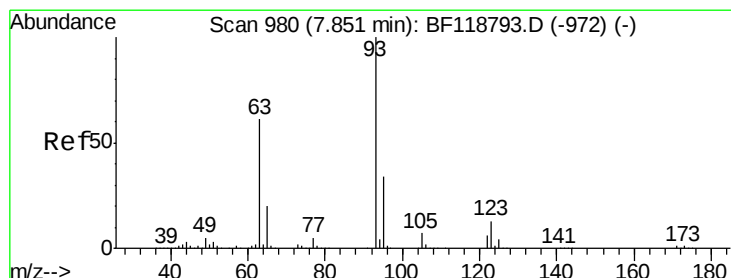
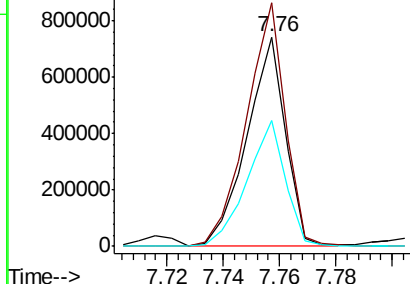
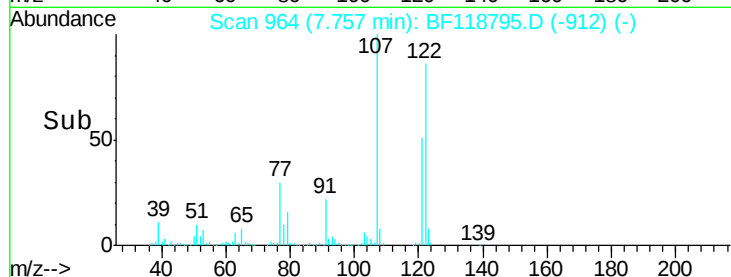


Abundance

Ion 122.00 (121.70 to 122.70): E

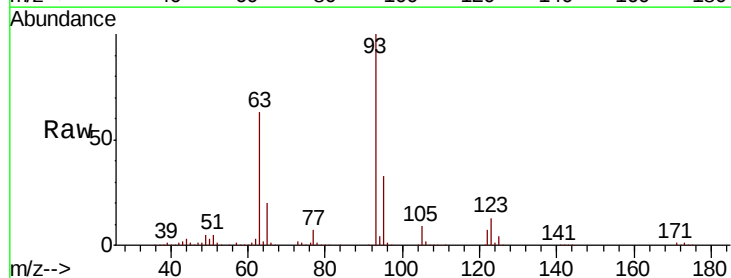
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.722 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.0	40.4
123	12.8	10.6	15.8

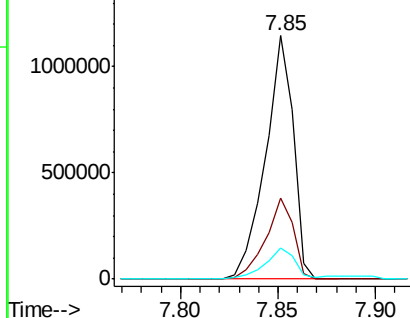
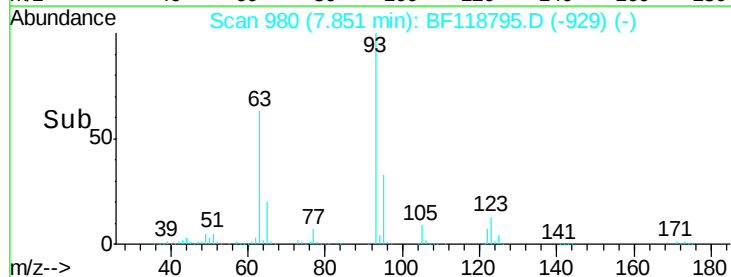


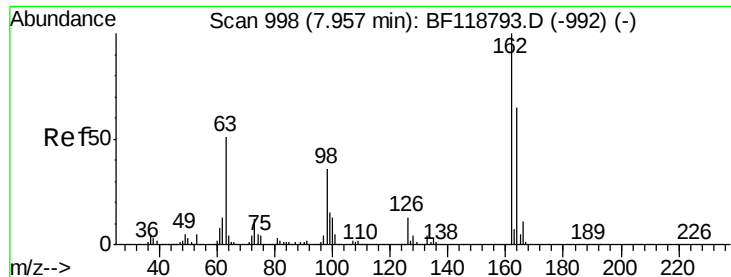
Abundance

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: 58.211 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

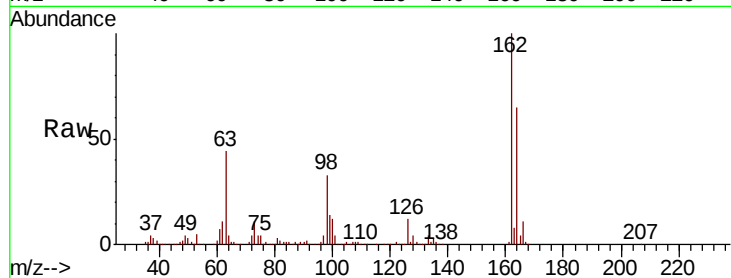
Tot Ion:162 Resp: 854321

Ion Ratio Lower Upper

162 100

164 64.7 44.8 84.8

98 33.3 16.4 56.4

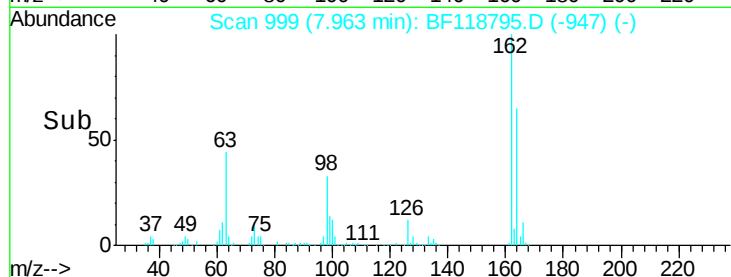


Abundance Ion 162.00 (161.70 to 162.70): E

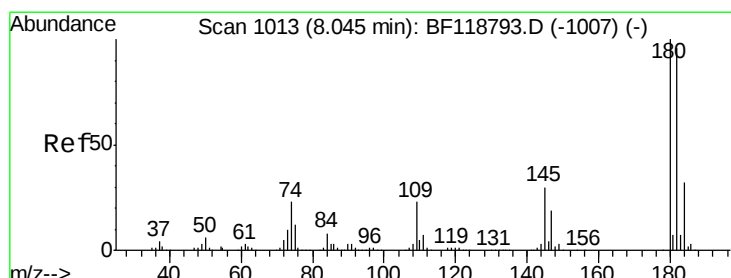
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 58.198 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

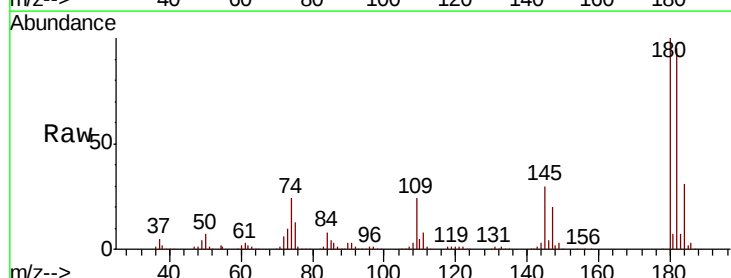
Tgt Ion:180 Resp: 990347

Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

145 30.0 24.0 36.0

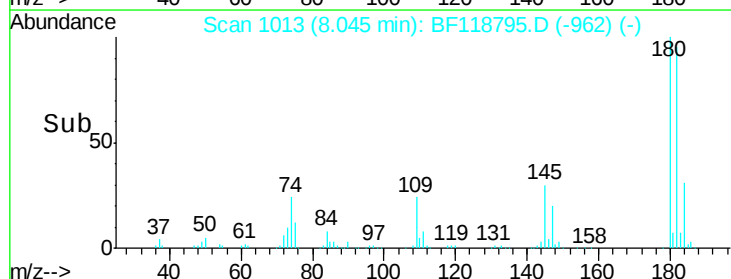


Abundance Ion 180.00 (179.70 to 180.70): E

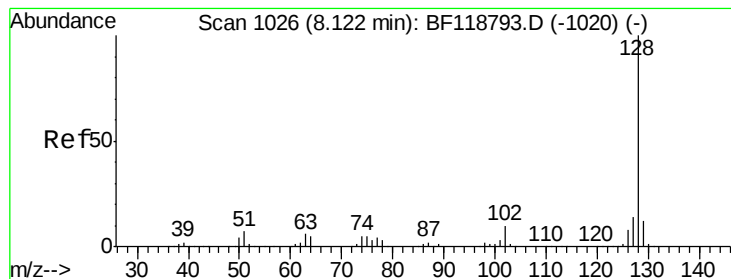
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



Time-->



#31

Naphthalene

Concen: 59.136 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

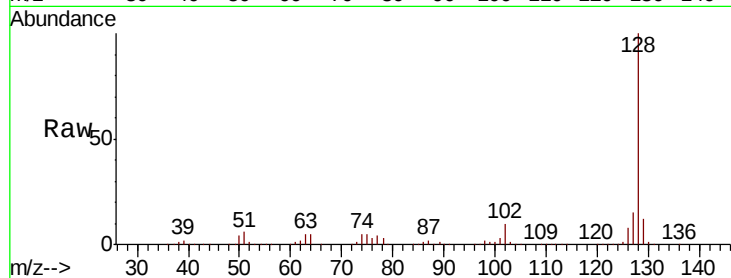
Tot Ion:128 Resp: 2630942

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

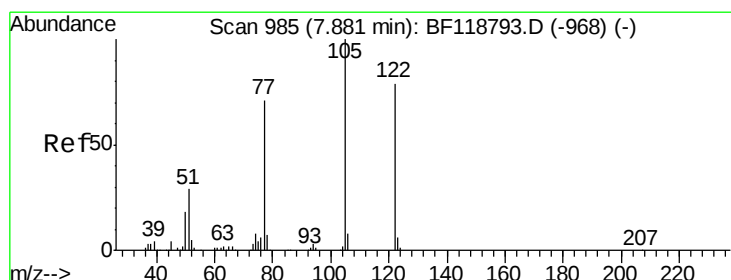
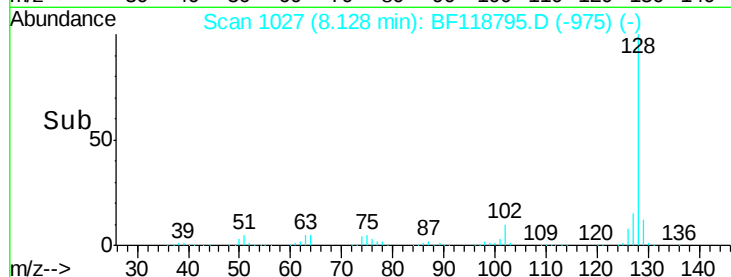
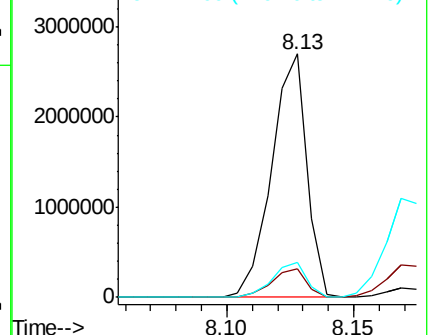
127 14.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.574 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.02 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

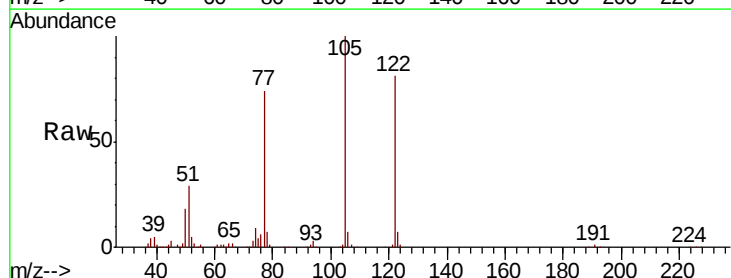
Tgt Ion:122 Resp: 633438

Ion Ratio Lower Upper

122 100

105 124.0 104.4 144.4

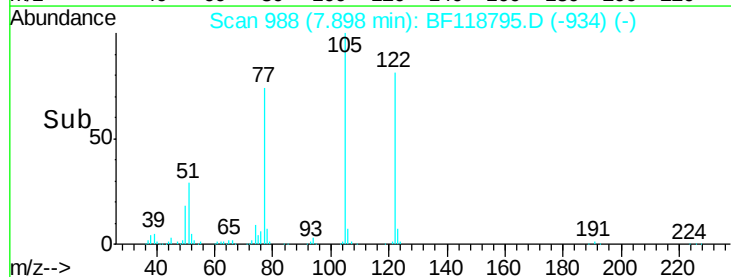
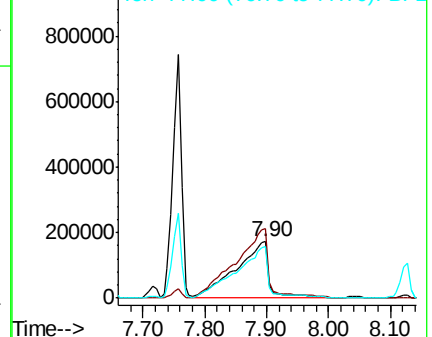
77 91.8 69.3 109.3

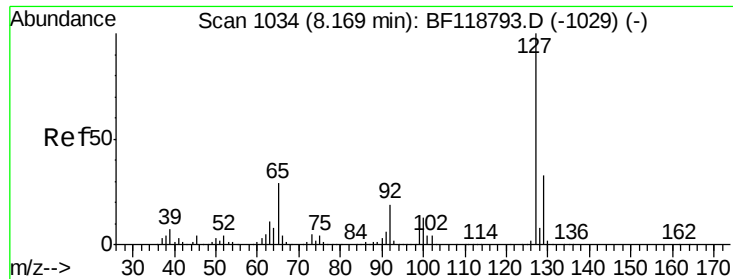


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

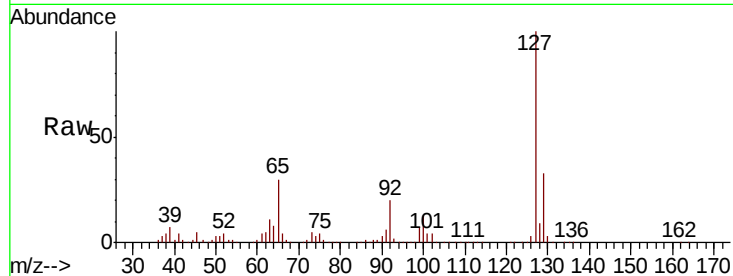




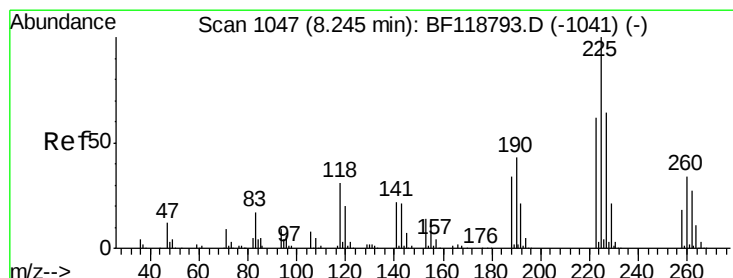
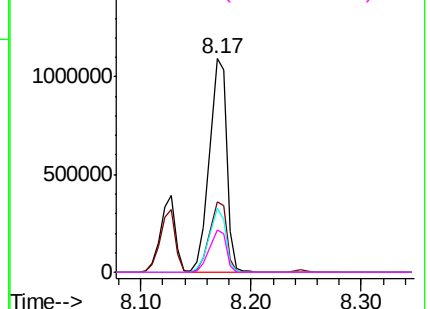
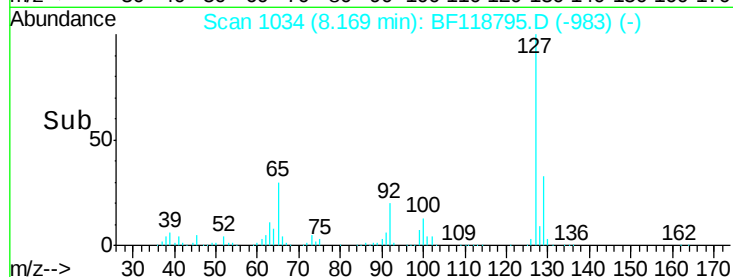
#33
4-Chloroaniline
Concen: 56.282 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1157324
Ion Ratio Lower Upper
127 100
129 33.3 26.7 40.1
65 30.0 22.9 34.3
92 20.1 15.4 23.0

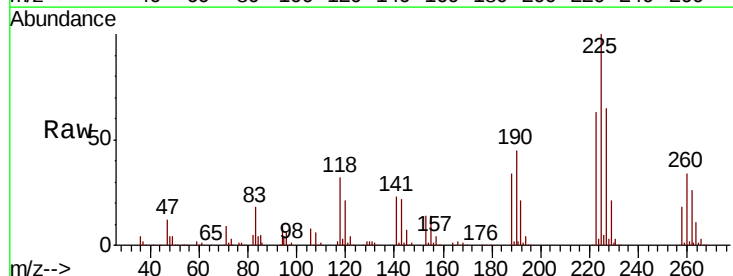


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

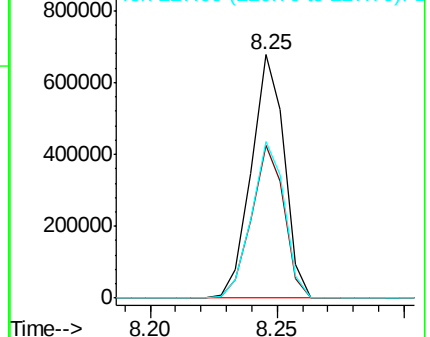
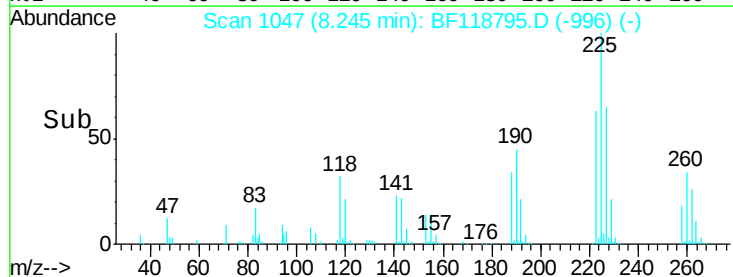


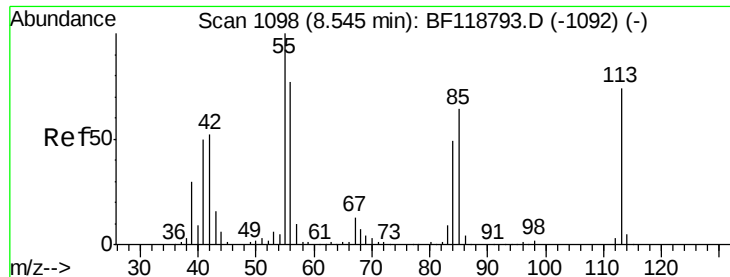
#34
Hexachlorobutadiene
Concen: 59.103 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:225 Resp: 612477
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 64.5 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

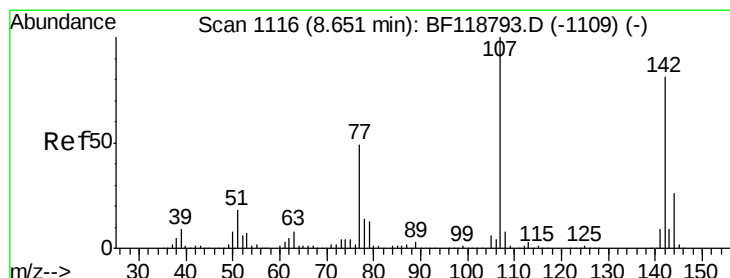
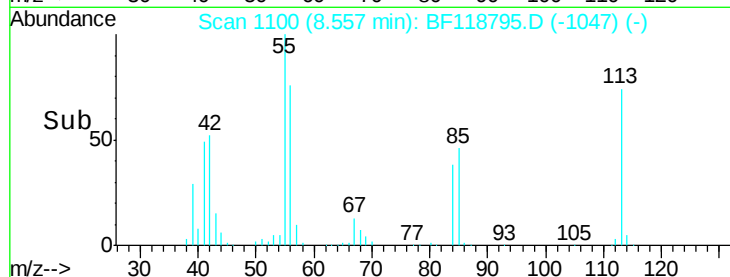
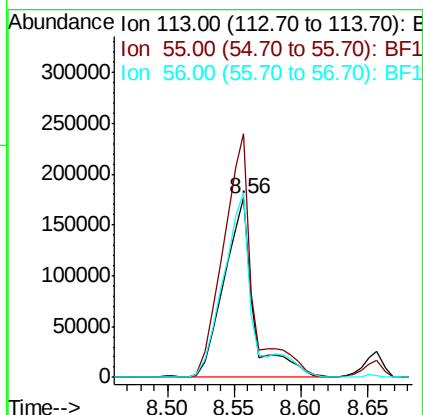
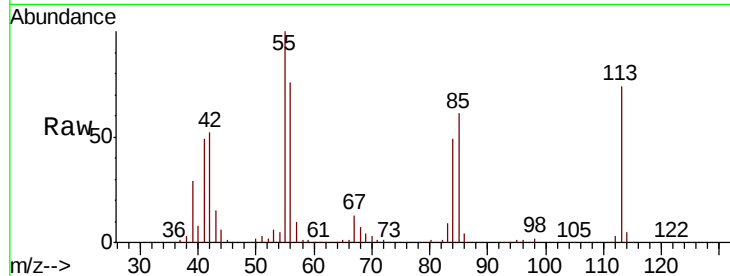




#35
 Caprolactam
 Concen: 57.150 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

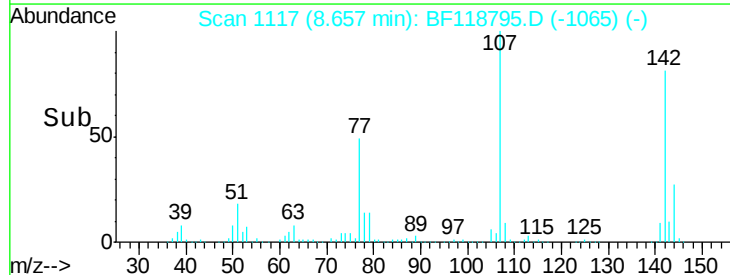
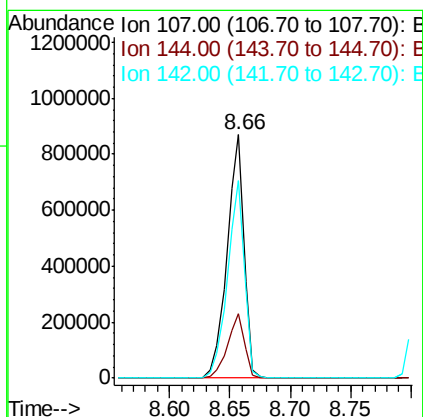
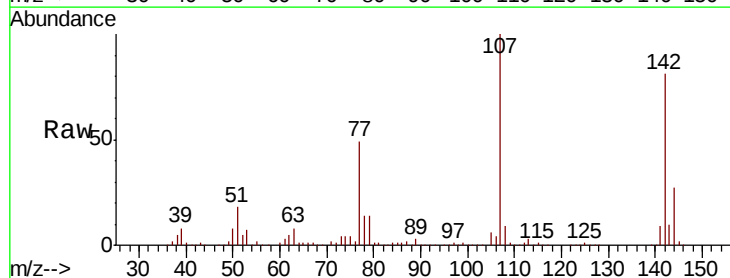
Instrument :
 BNA_F
 ClientSampleId :

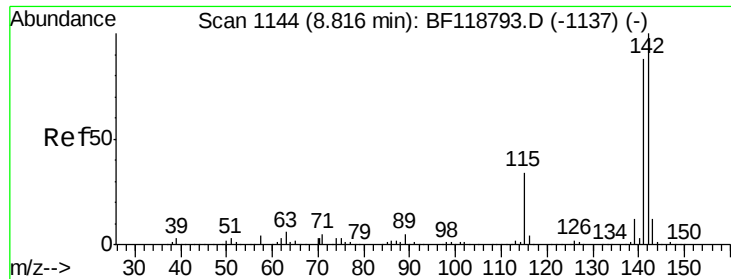
Tot Ion:113 Resp: 274481
 Ion Ratio Lower Upper
 113 100
 55 135.9 115.5 155.5
 56 103.3 83.7 123.7



#36
 4-Chloro-3-methylphenol
 Concen: 58.527 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion:107 Resp: 848226
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.0 31.6
 142 81.4 64.8 97.2

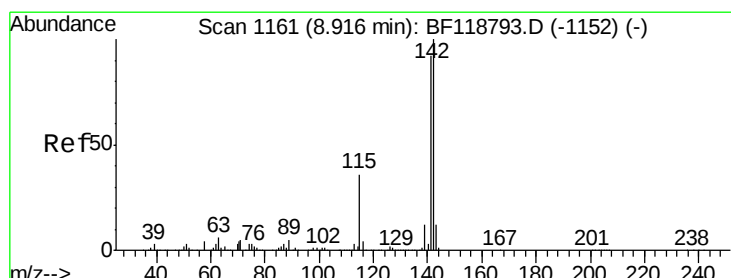
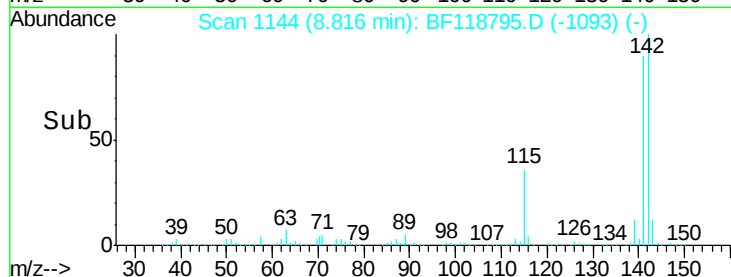
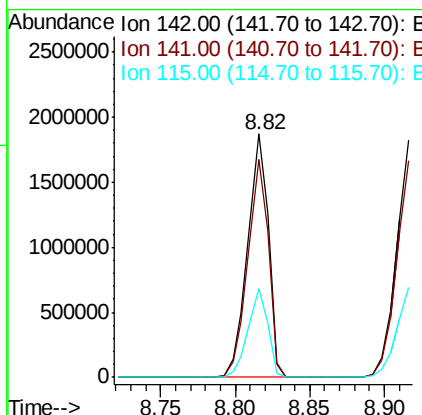
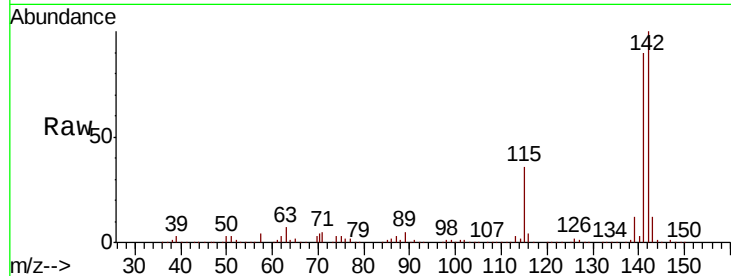




#37
 2-Methylnaphthalene
 Concen: 57.265 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

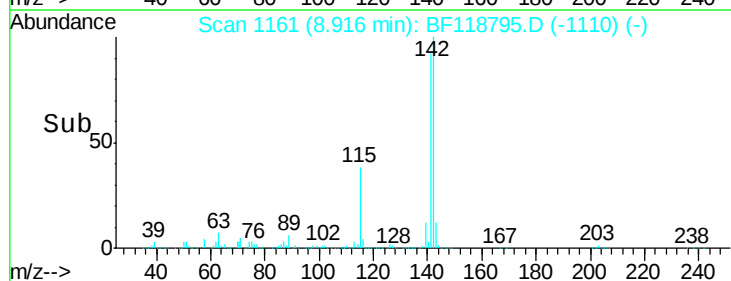
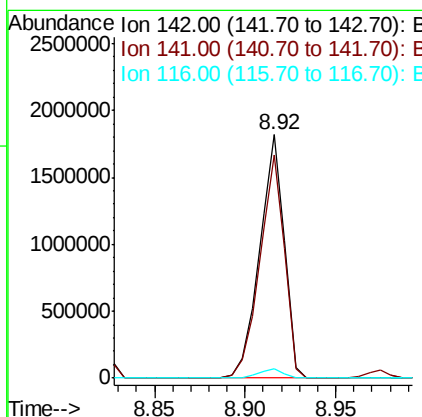
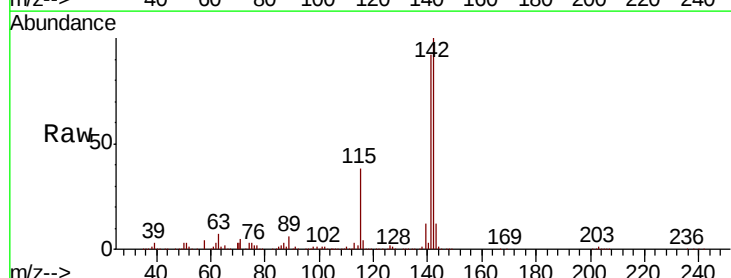
Instrument :
 BNA_F
 ClientSampleId :

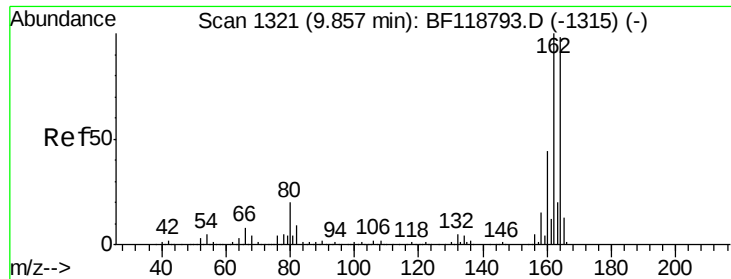
Tot Ion:142 Resp: 1798313
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.1 105.1
 115 36.5 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 57.330 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion:142 Resp: 1710429
 Ion Ratio Lower Upper
 142 100
 141 91.8 73.8 110.6
 116 4.0 3.0 4.4

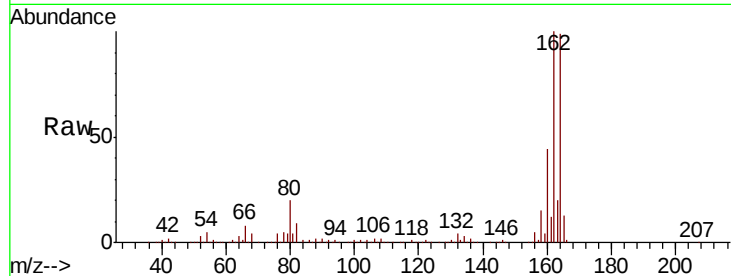




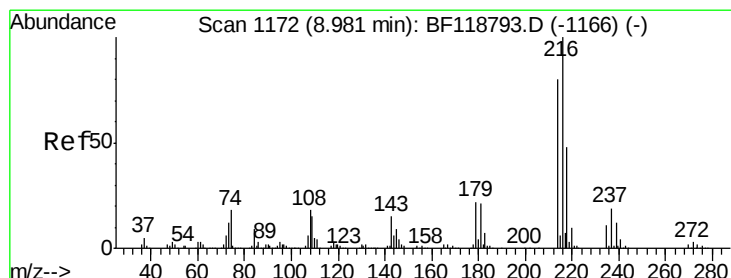
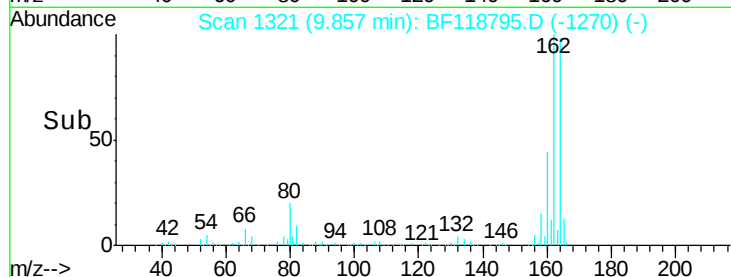
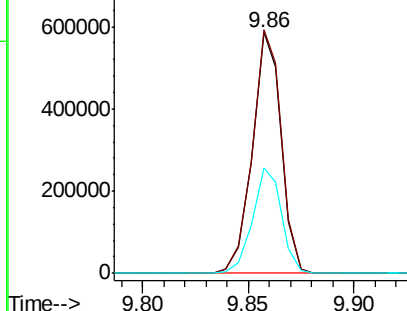
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 553499
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.2
160 44.0 35.6 53.4

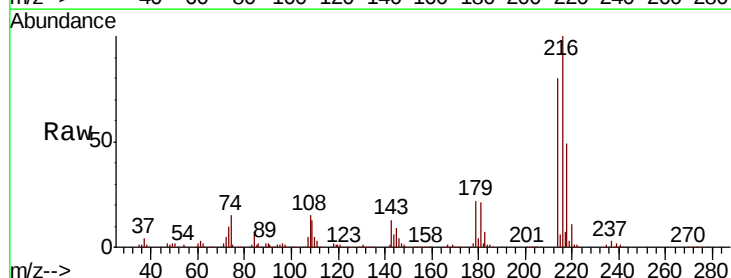


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

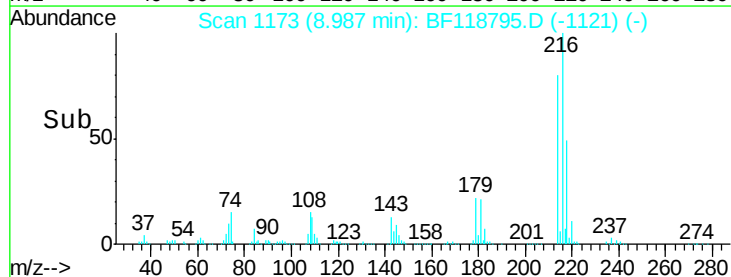
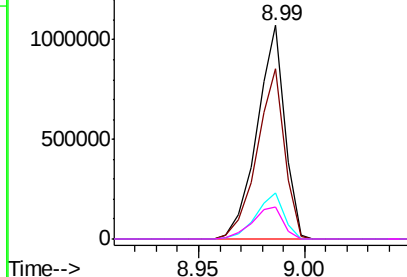


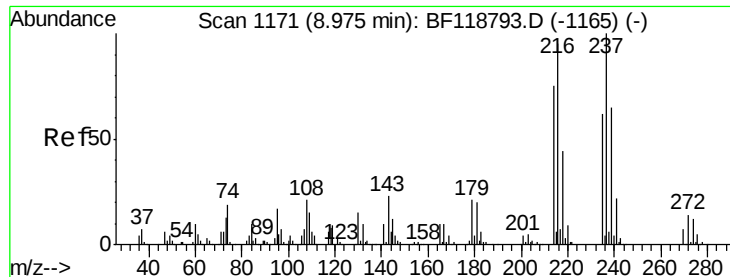
#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.446 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:216 Resp: 977571
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.4
179 21.6 17.0 25.6
108 16.9 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: 48.587 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

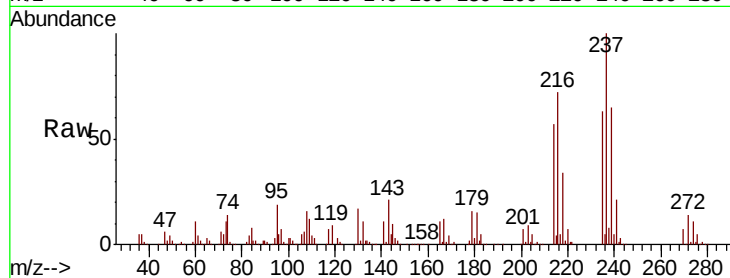
Tot Ion:237 Resp: 424543

Ion Ratio Lower Upper

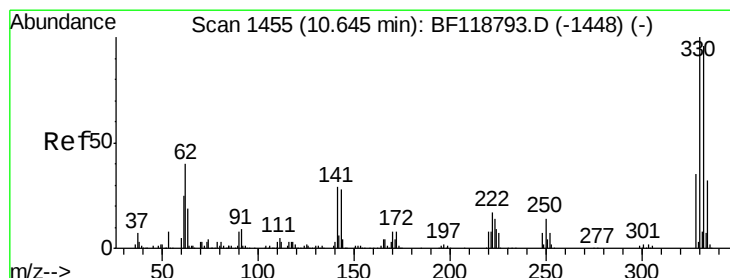
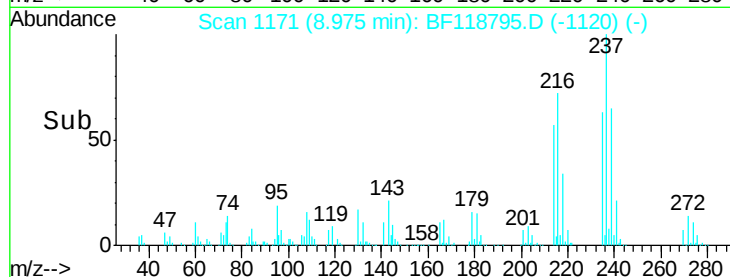
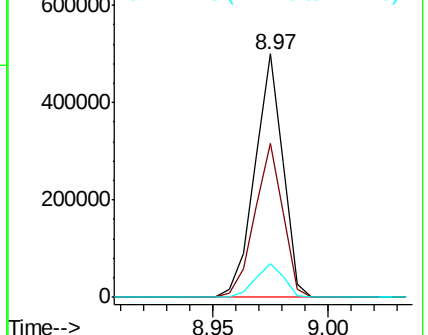
237 100

235 63.4 42.1 82.1

272 14.0 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: 120.391 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

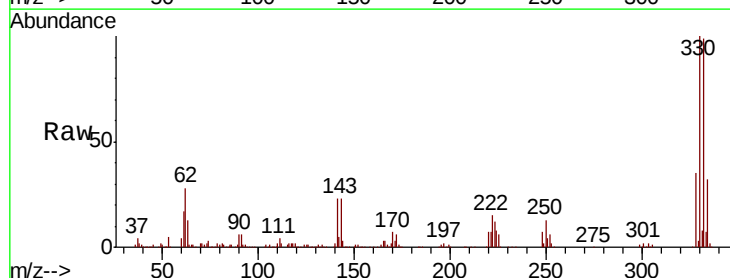
Tgt Ion:330 Resp: 770736

Ion Ratio Lower Upper

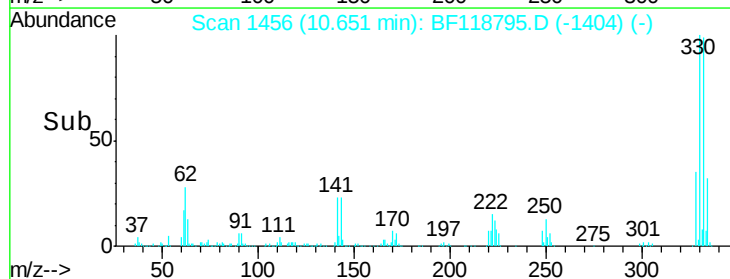
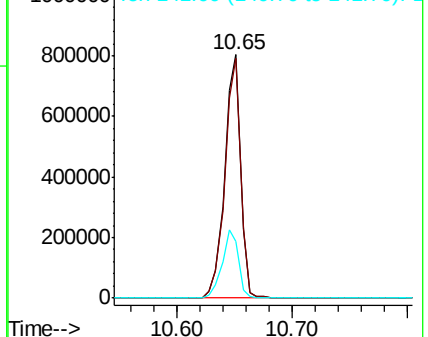
330 100

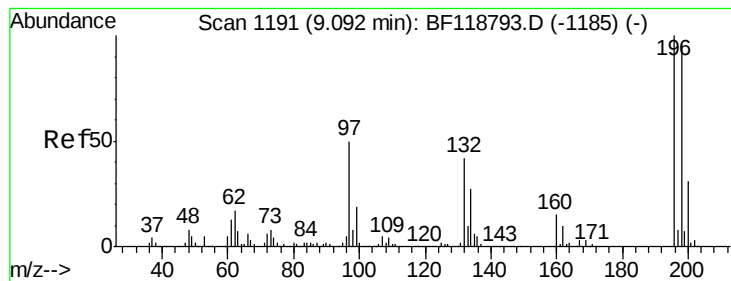
332 98.2 77.3 115.9

141 28.7 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: 57.561 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

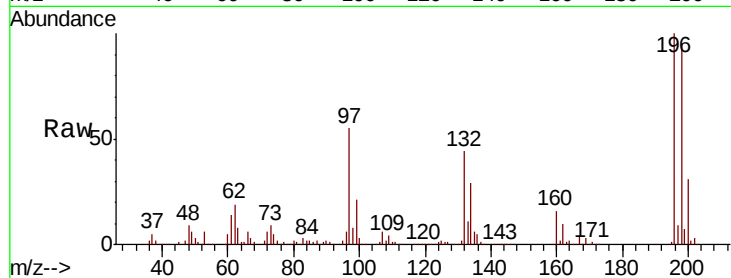
Tot Ion:196 Resp: 661509

Ion Ratio Lower Upper

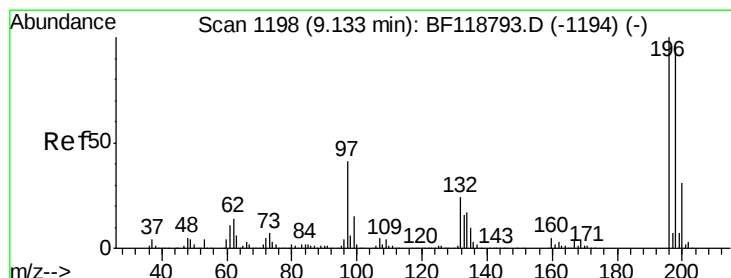
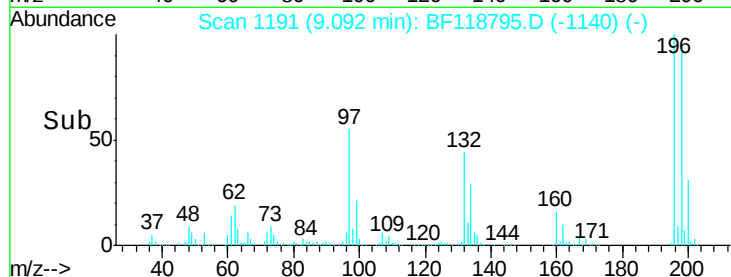
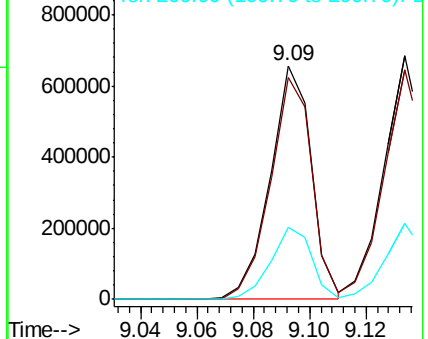
196 100

198 94.8 76.7 115.1

200 30.9 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: 58.331 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Tgt Ion:196 Resp: 684641

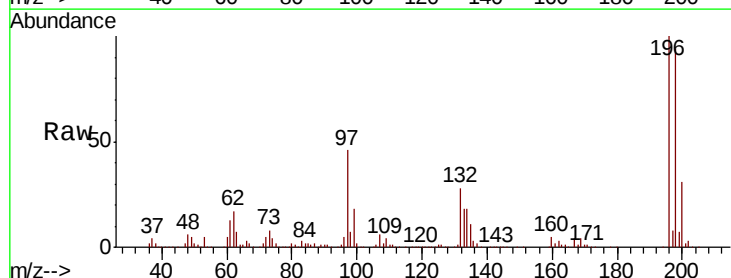
Ion Ratio Lower Upper

196 100

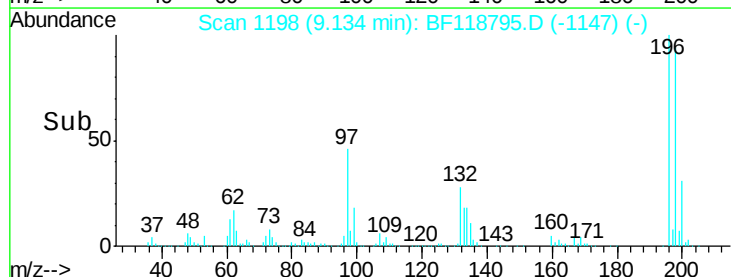
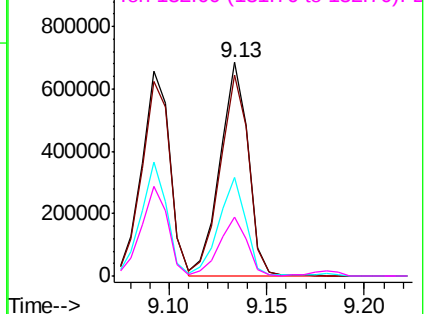
198 94.1 77.0 115.4

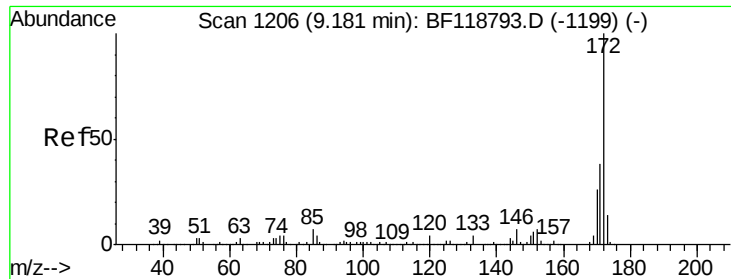
97 45.9 32.9 49.3

132 27.8 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

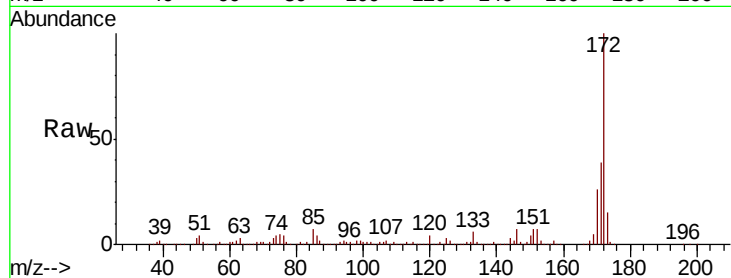




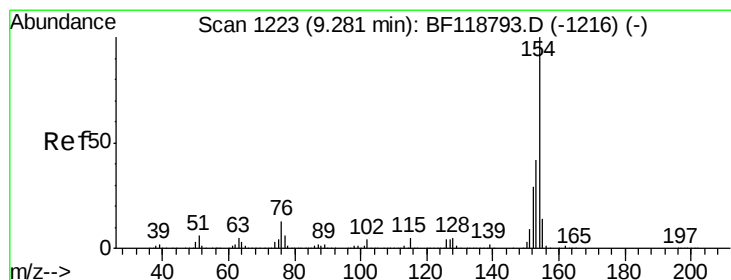
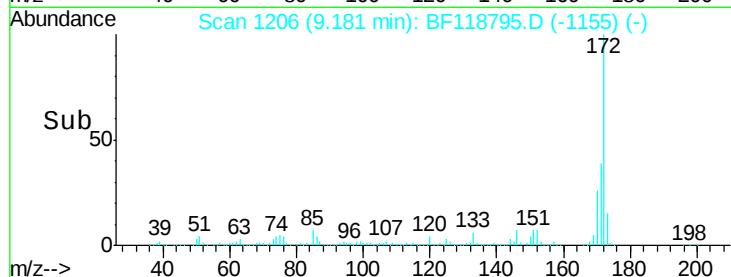
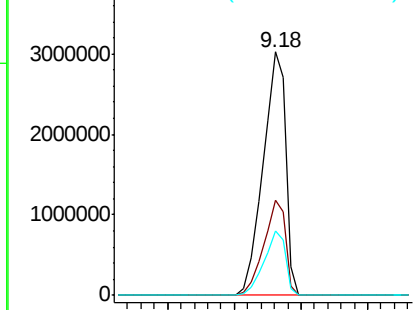
#45
2-Fluorobiphenyl
Concen: 104.627 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3523379
Ion Ratio Lower Upper
172 100
171 39.2 30.8 46.2
170 26.2 20.5 30.7

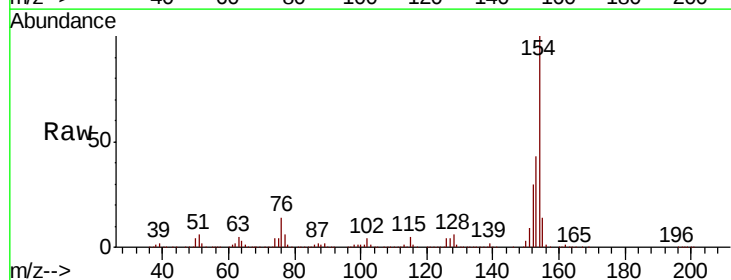


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

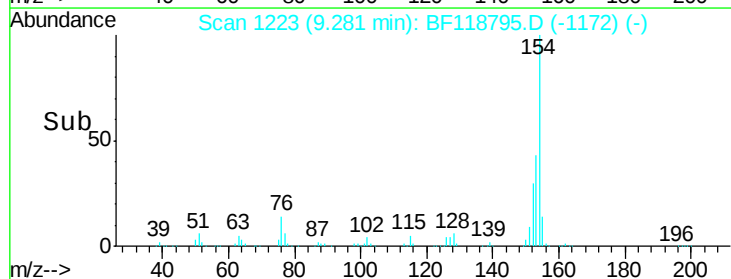
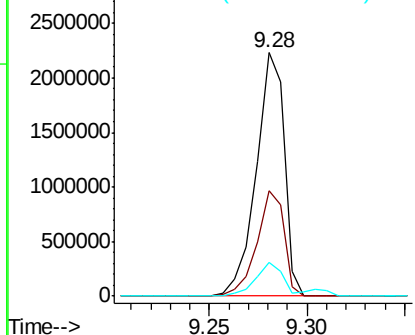


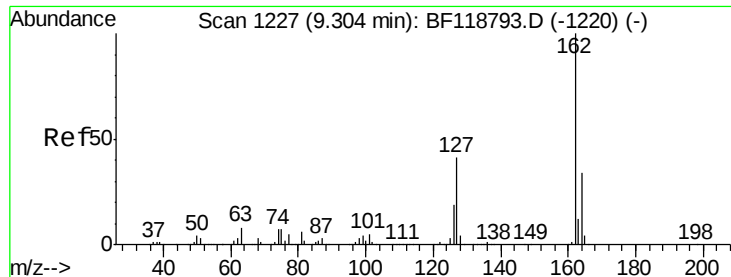
#46
1,1'-Biphenyl
Concen: 58.295 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:154 Resp: 2223794
Ion Ratio Lower Upper
154 100
153 43.4 22.4 62.4
76 13.6 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

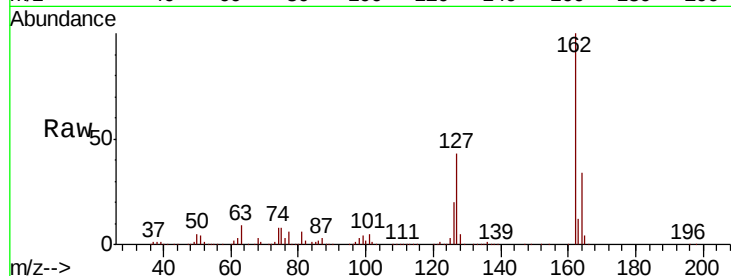




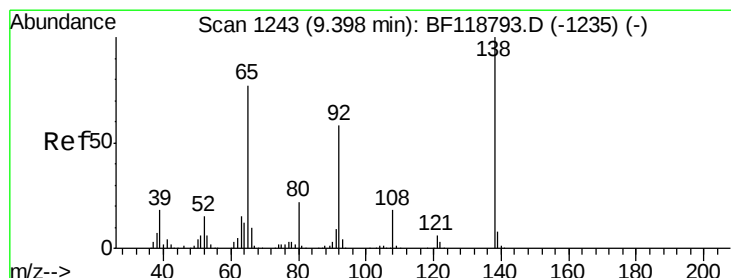
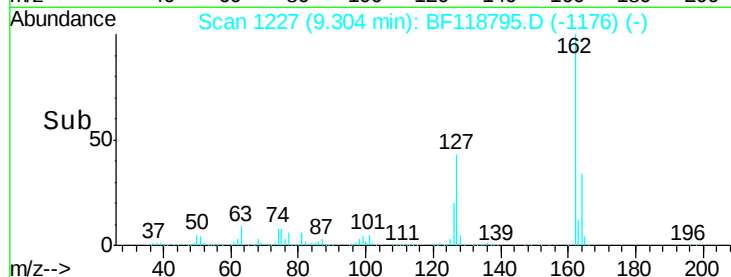
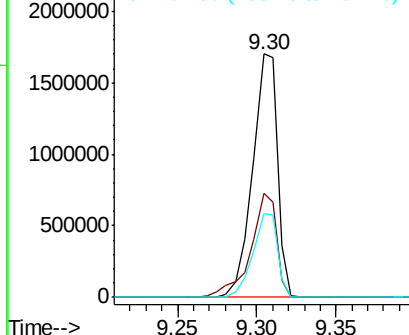
#47
 2-Chloronaphthalene
 Concen: 57.646 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1853501
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.3 49.9
 164 34.2 27.1 40.7

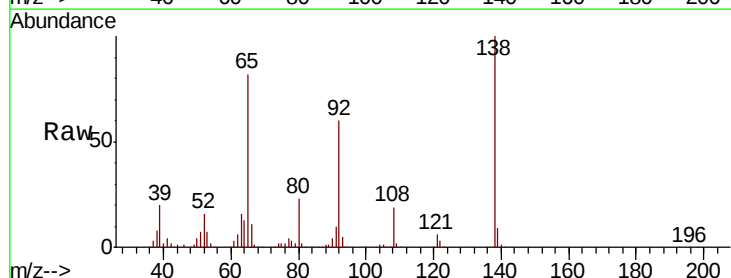


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

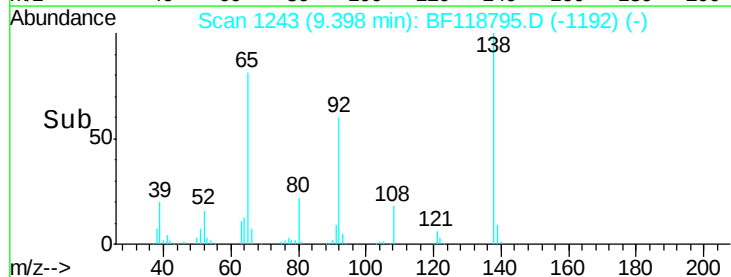
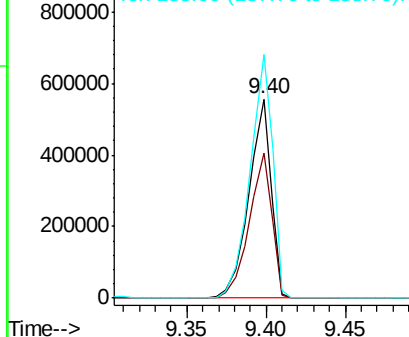


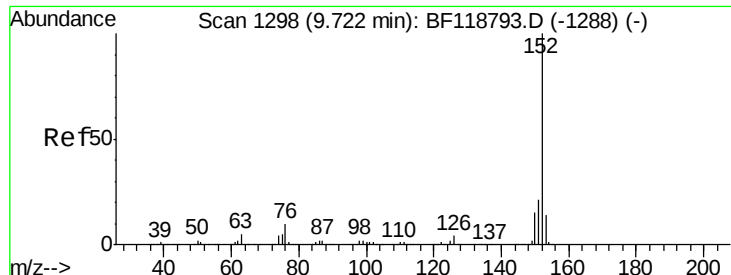
#48
 2-Nitroaniline
 Concen: 54.601 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion: 65 Resp: 539672
 Ion Ratio Lower Upper
 65 100
 92 72.9 60.6 91.0
 138 122.3 104.6 156.8



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: 59.549 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

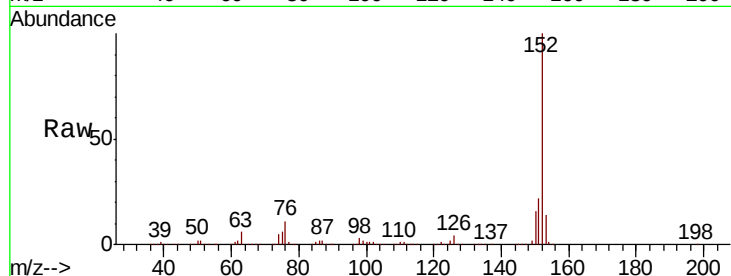
Tot Ion:152 Resp: 2693583

Ion Ratio Lower Upper

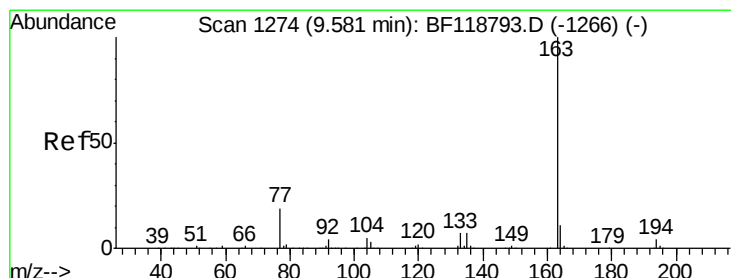
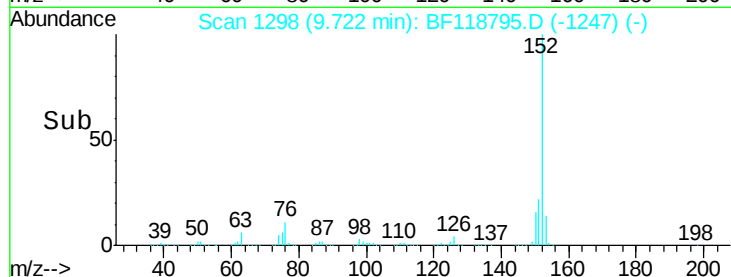
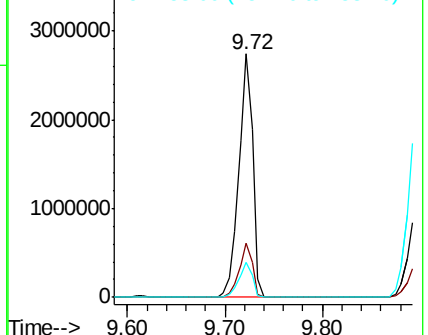
152 100

151 22.1 17.1 25.7

153 14.3 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: 61.016 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

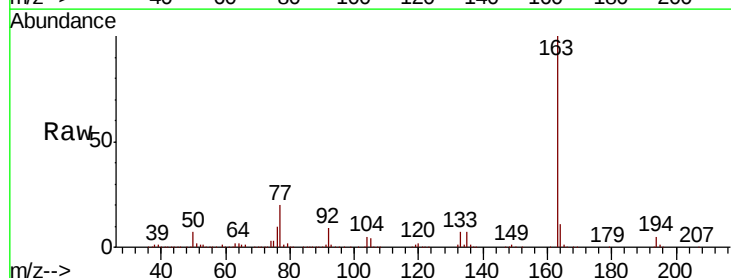
Tgt Ion:163 Resp: 2200307

Ion Ratio Lower Upper

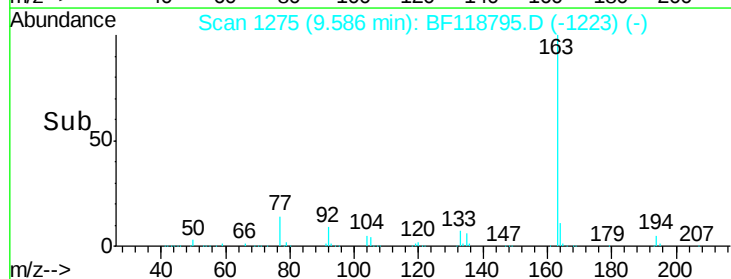
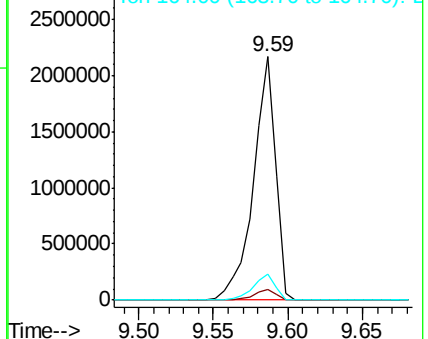
163 100

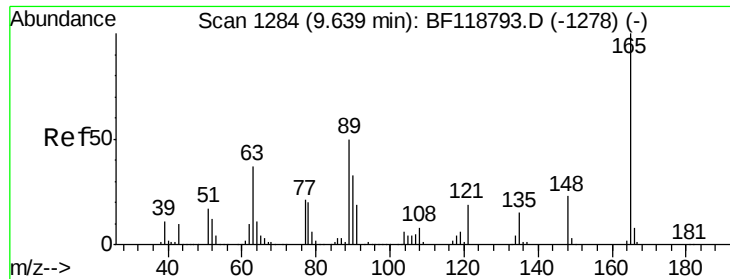
194 4.6 3.6 5.4

164 10.8 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

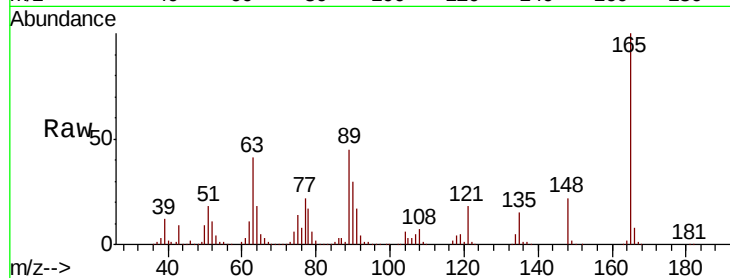




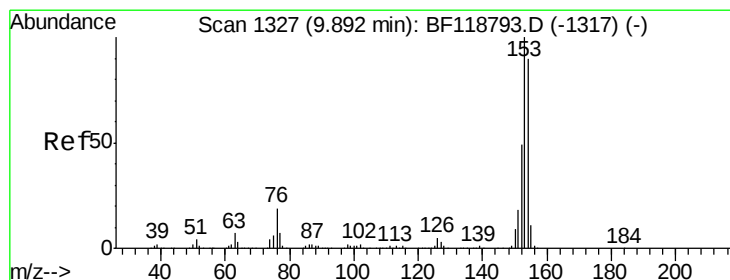
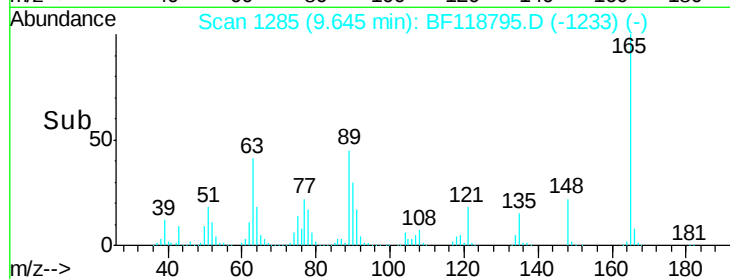
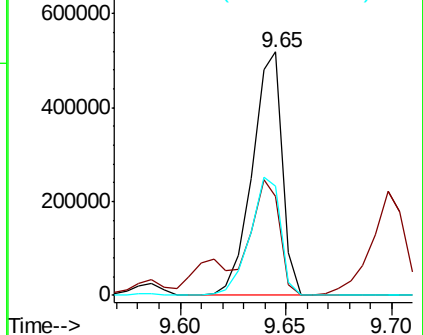
#51
2,6-Dinitrotoluene
Concen: 63.468 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 512509
Ion Ratio Lower Upper
165 100
63 40.9 37.4 56.0
89 45.1 39.7 59.5

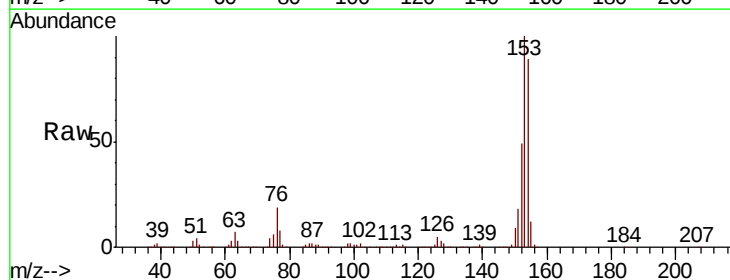


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

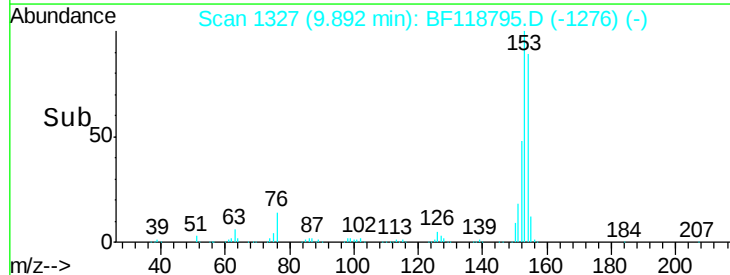
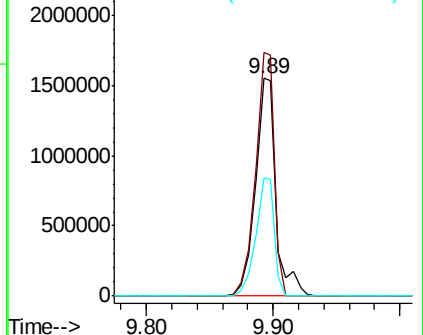


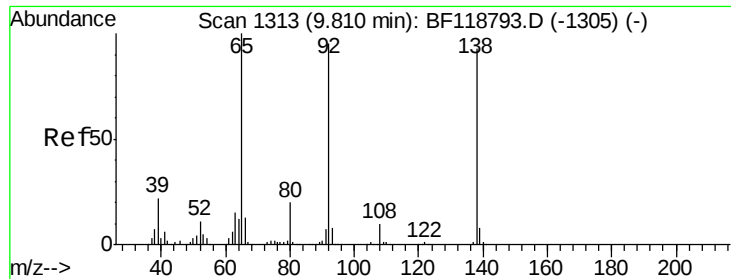
#52
Acenaphthene
Concen: 58.582 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:154 Resp: 1771901
Ion Ratio Lower Upper
154 100
153 111.8 89.4 134.0
152 54.2 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

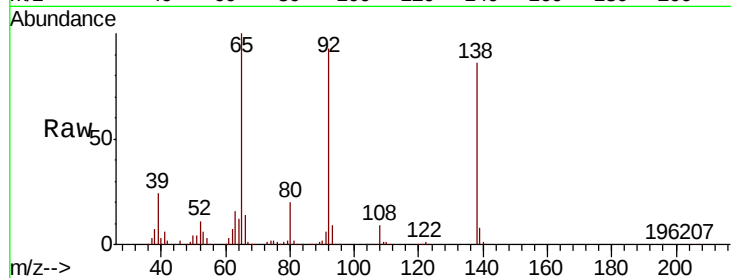




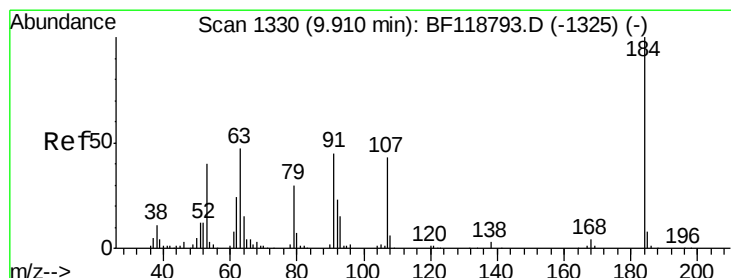
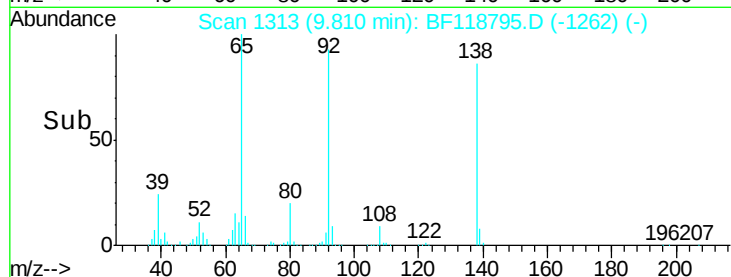
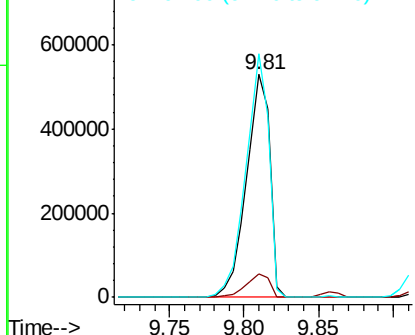
#53
3-Nitroaniline
Concen: 62.051 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 572154
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 109.3 82.2 123.4

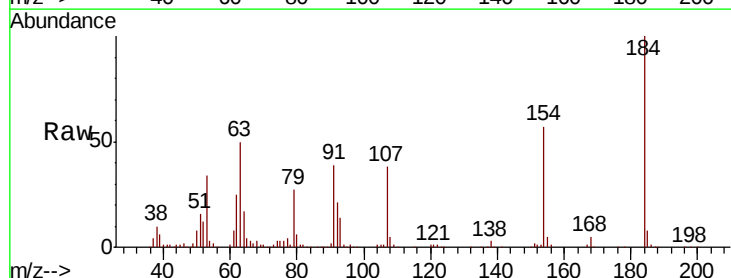


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

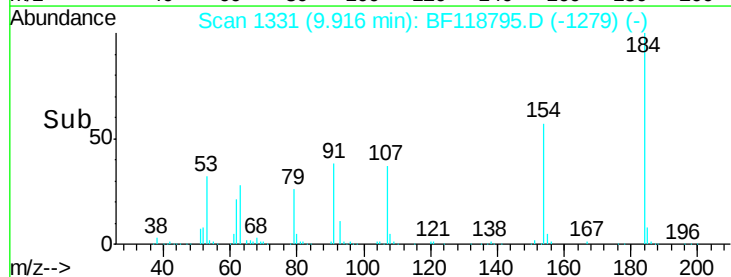
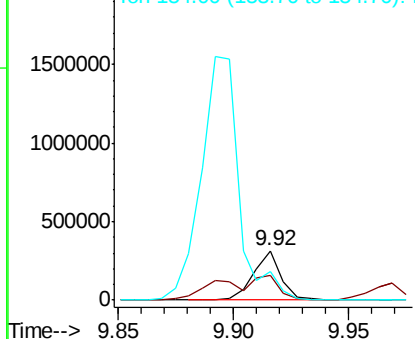


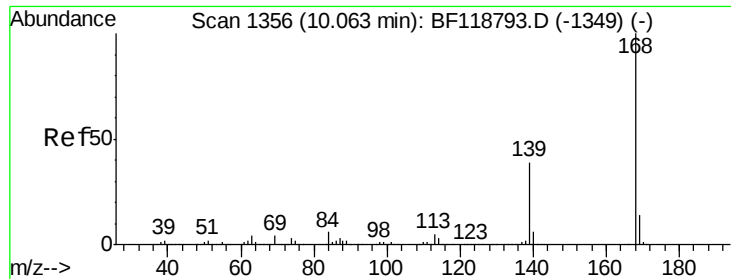
#54
2,4-Dinitrophenol
Concen: 81.457 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:184 Resp: 262601
Ion Ratio Lower Upper
184 100
63 49.8 47.5 71.3
154 57.0 48.6 72.8



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

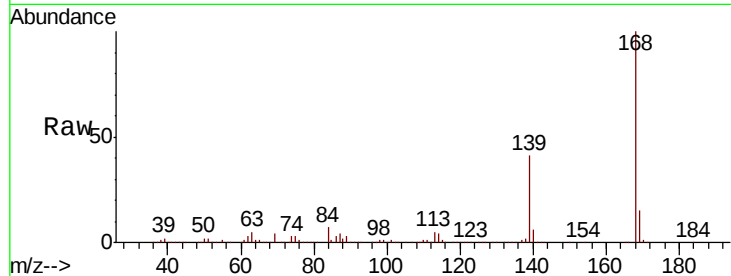




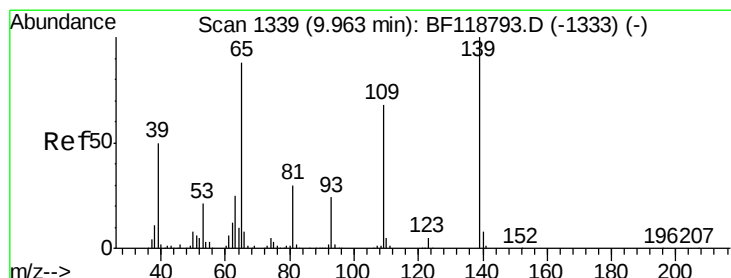
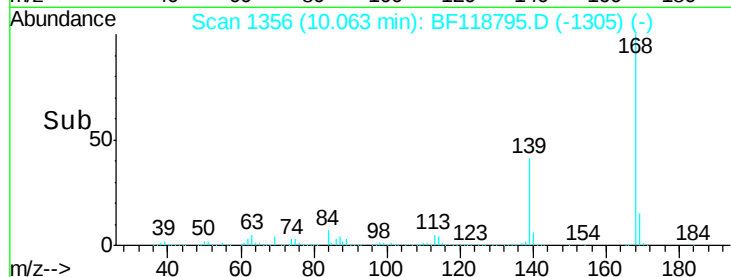
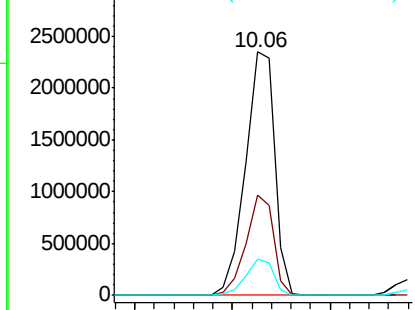
#55
Dibenzofuran
Concen: 58.377 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2446911
Ion Ratio Lower Upper
168 100
139 41.3 31.6 47.4
169 14.6 11.4 17.2

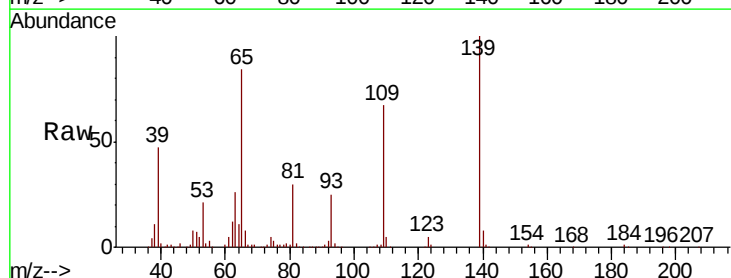


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

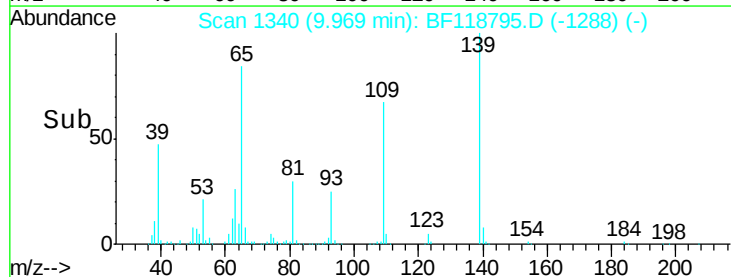
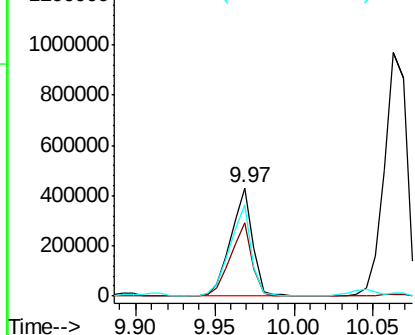


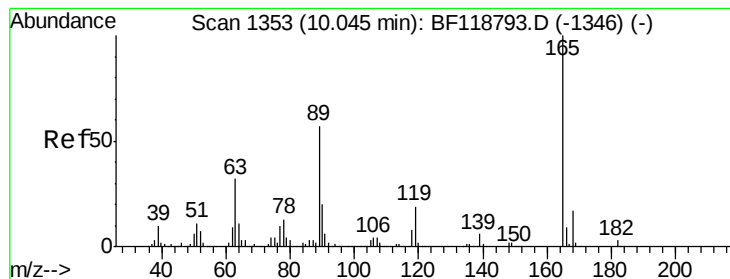
#56
4-Nitrophenol
Concen: 59.723 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:139 Resp: 415720
Ion Ratio Lower Upper
139 100
109 67.5 48.0 88.0
65 84.3 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: 67.533 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 687476

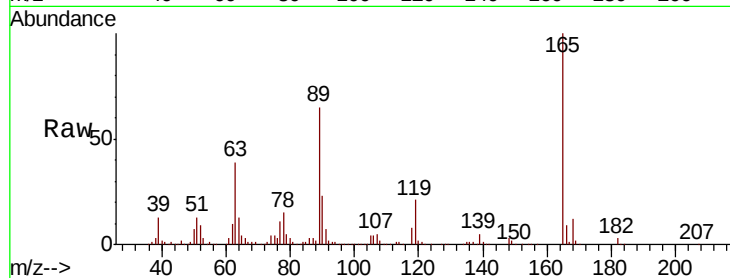
Ion Ratio Lower Upper

165 100

63 38.6 25.5 38.3#

89 65.2 45.4 68.0

182 3.0 2.4 3.6

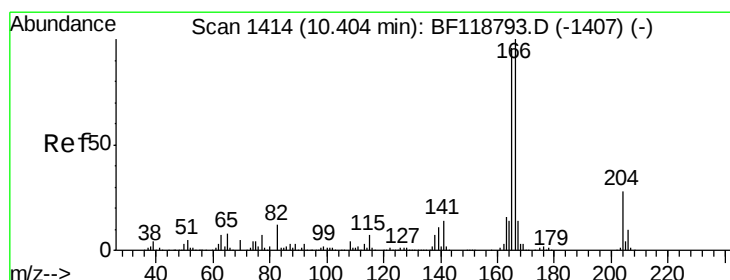
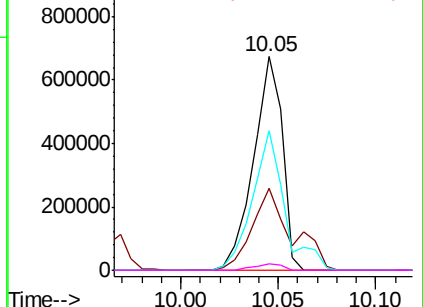
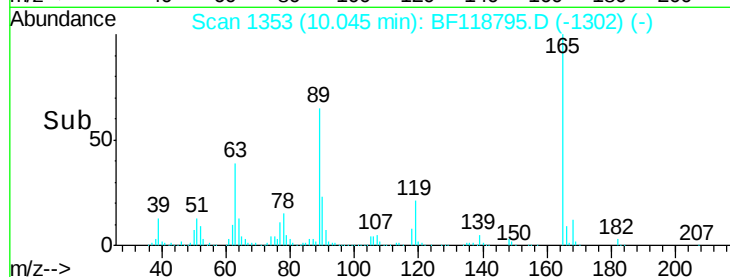


Abundance Ion 165.00 (164.70 to 165.70): E

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: 55.056 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

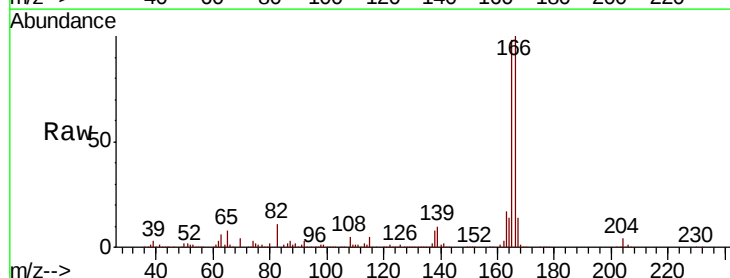
Tgt Ion:166 Resp: 1811669

Ion Ratio Lower Upper

166 100

165 97.5 77.0 115.6

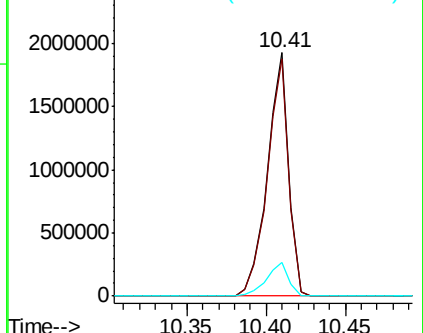
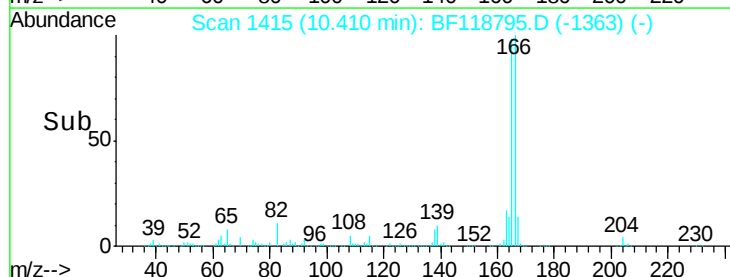
167 13.8 11.1 16.7

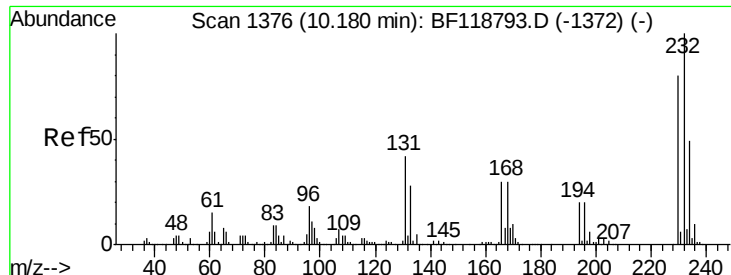


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

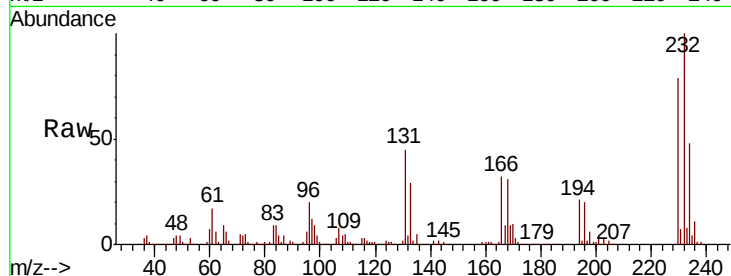




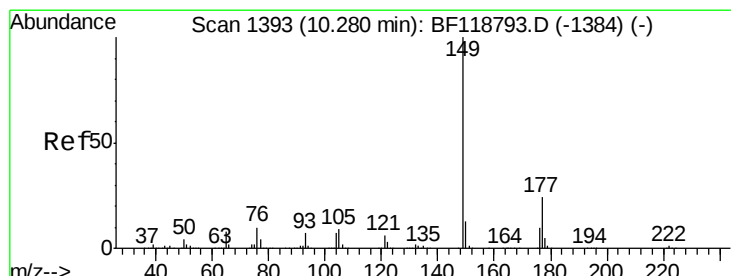
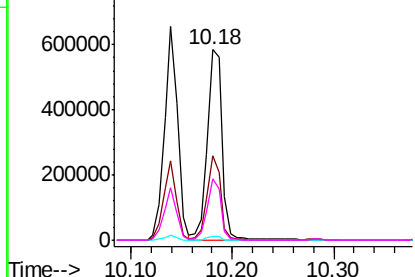
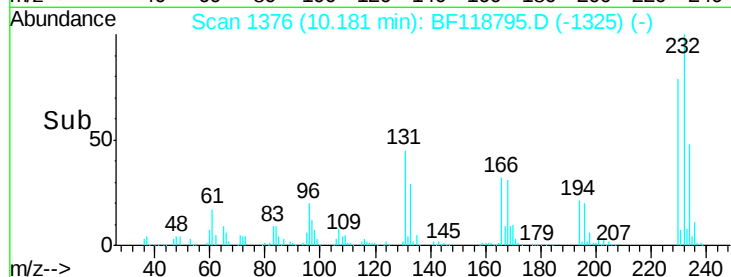
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.451 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	593095
Ion	Ratio	Lower	Upper
232	100		
131	40.7	31.8	47.6
130	2.1	1.6	2.4
166	29.6	23.1	34.7

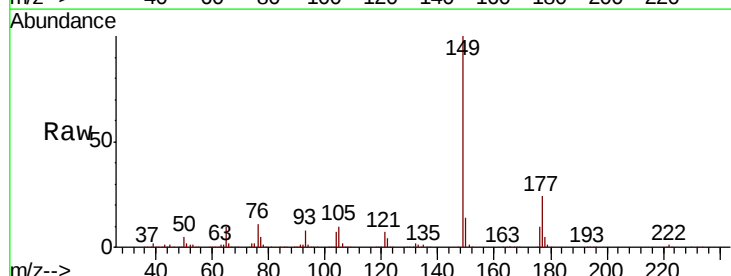


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

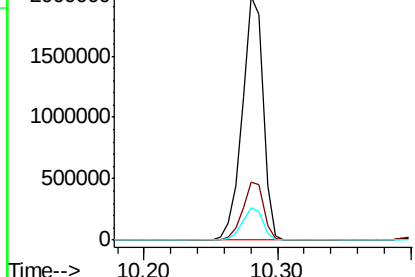
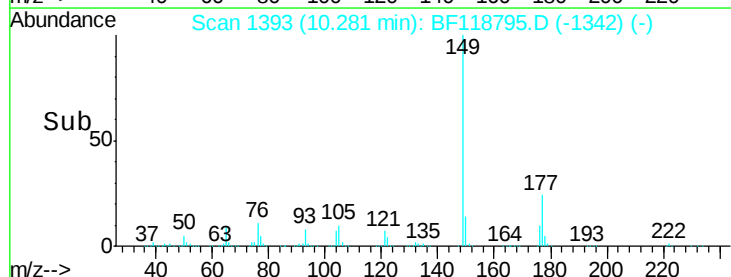


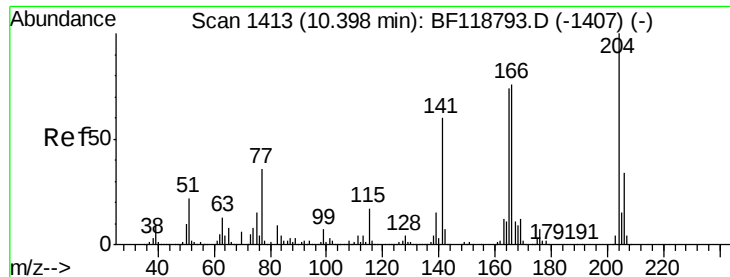
#60
 Diethylphthalate
 Concen: 61.335 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion:	149	Resp:	2144514
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	13.5	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

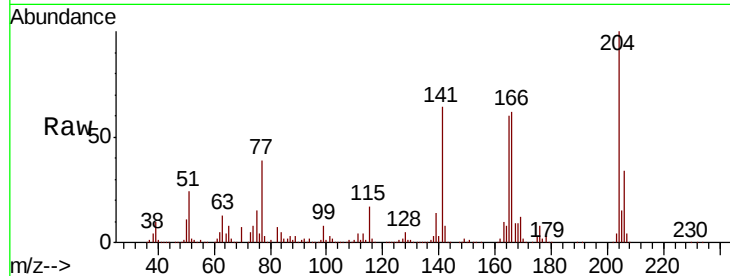




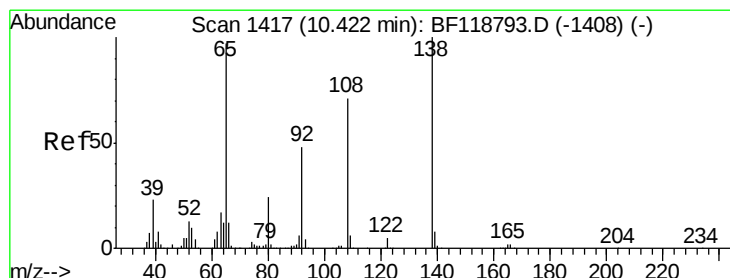
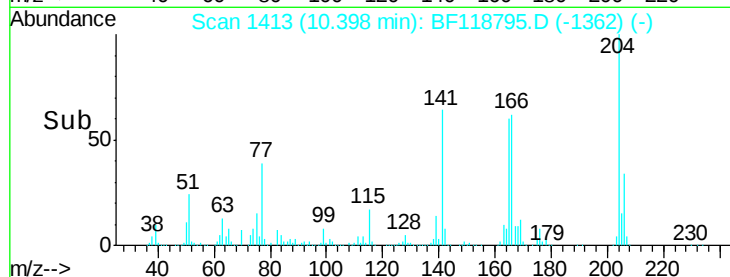
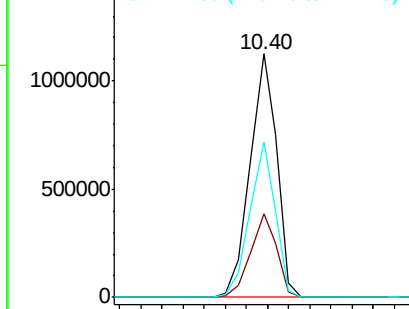
#61
4-Chlorophenyl-phenylether
Concen: 55.339 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 990388
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 63.6 47.8 71.6

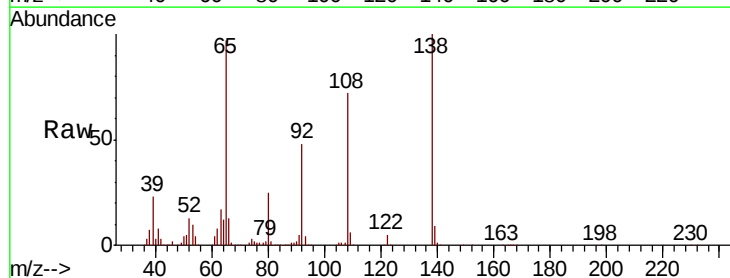


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

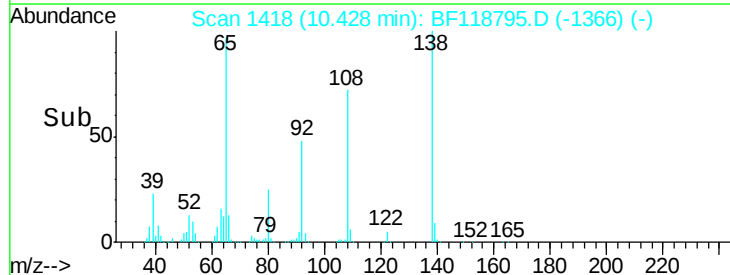
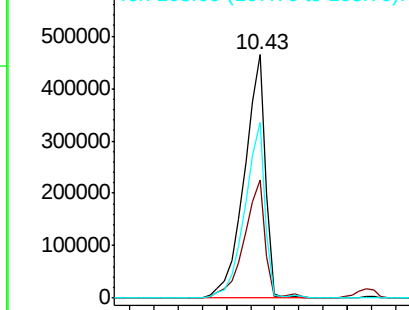


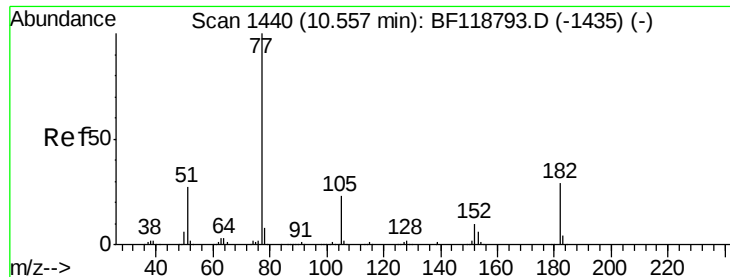
#62
4-Nitroaniline
Concen: 59.630 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:138 Resp: 563995
Ion Ratio Lower Upper
138 100
92 48.3 27.6 67.6
108 72.0 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: 54.007 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1828765

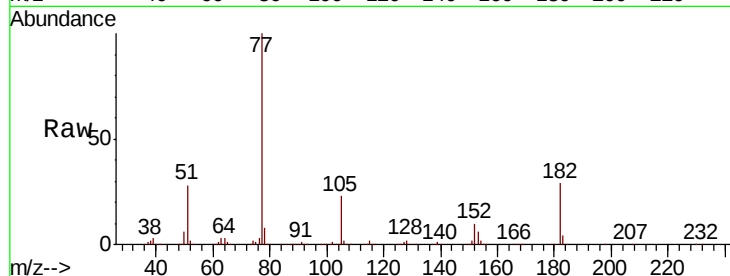
Ion Ratio Lower Upper

77 100

182 29.0 9.2 49.2

105 23.1 3.1 43.1

51 28.2 7.4 47.4

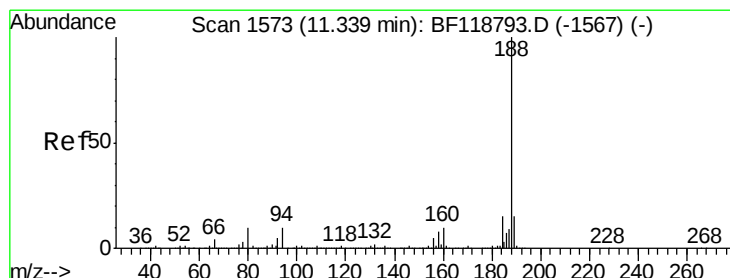
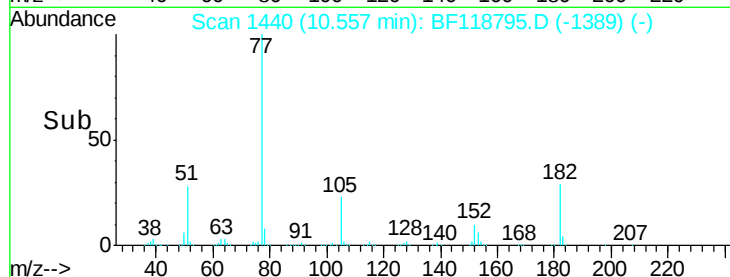
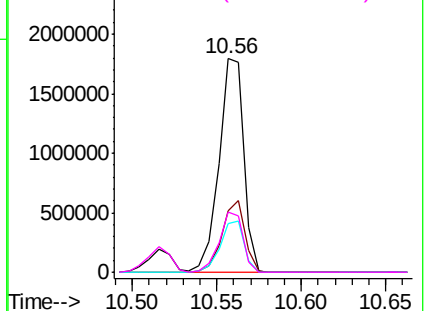


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118795.D

Acq: 3 Feb 2020 13:12

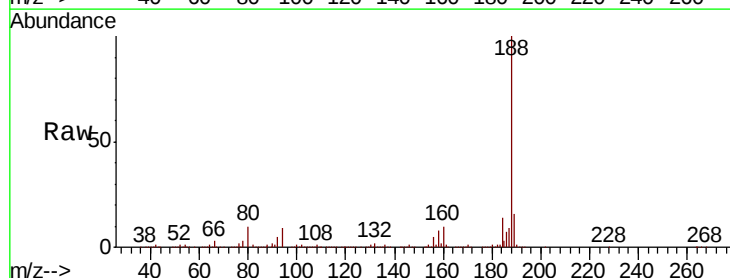
Tgt Ion: 188 Resp: 1040832

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

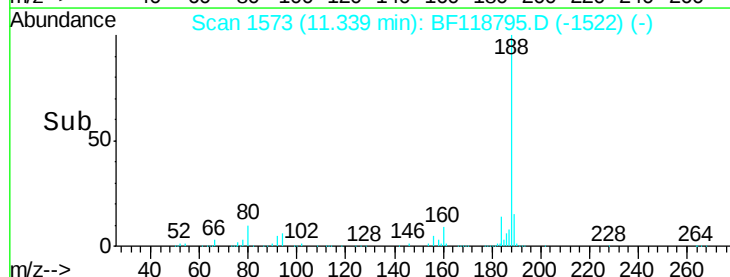
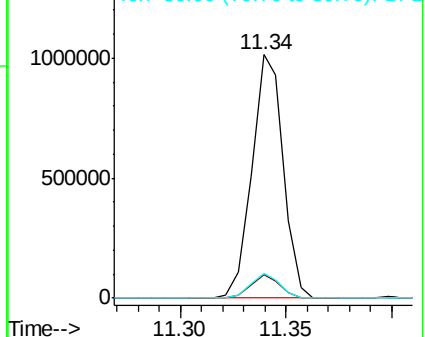
80 10.3 8.4 12.6

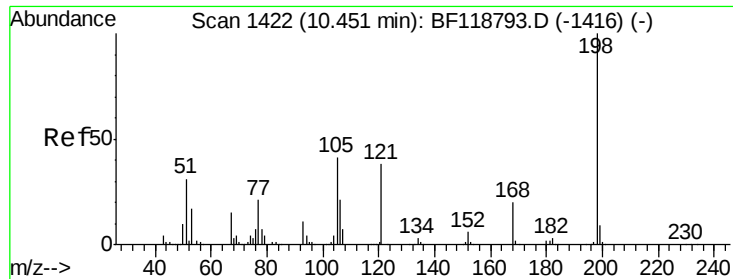


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 79.601 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

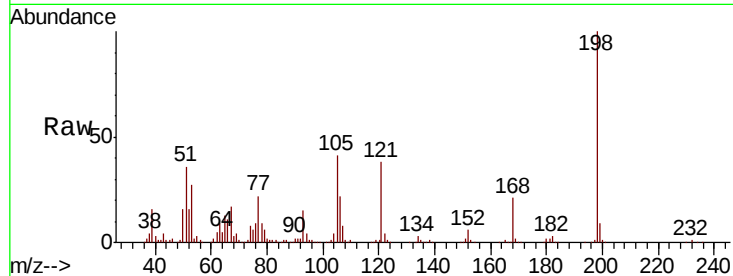
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 364320

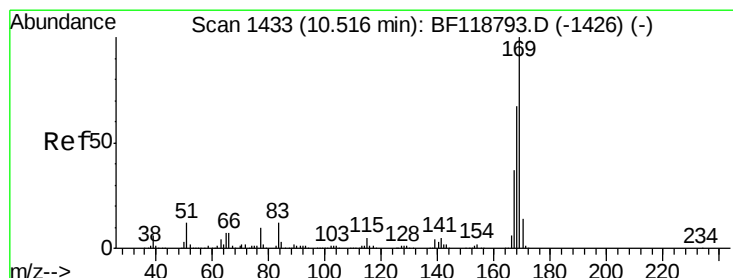
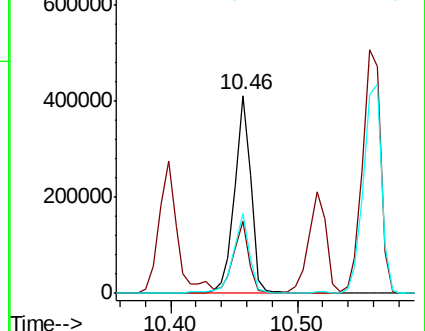
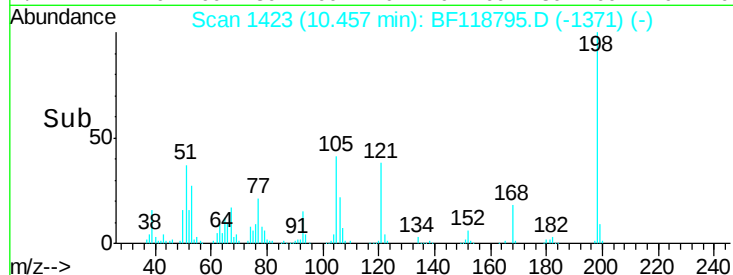
Ion	Ratio	Lower	Upper
198	100		
51	36.4	16.7	56.7
105	40.7	22.0	62.0



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: 55.786 ng

RT: 10.52 min Scan# 1433

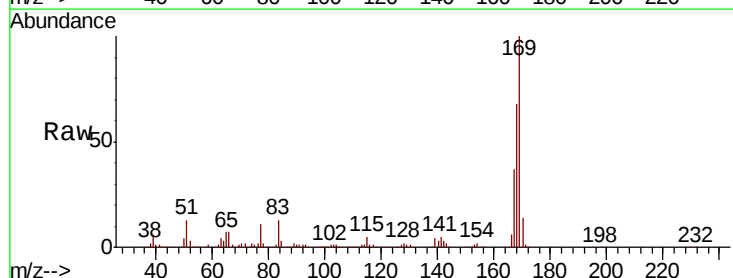
Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Tgt Ion:169 Resp: 1751071

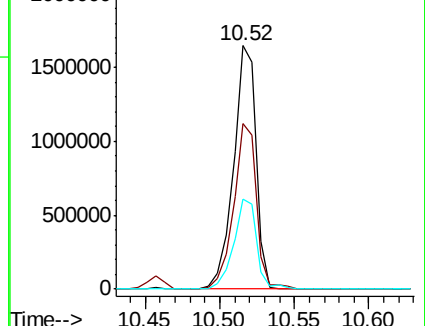
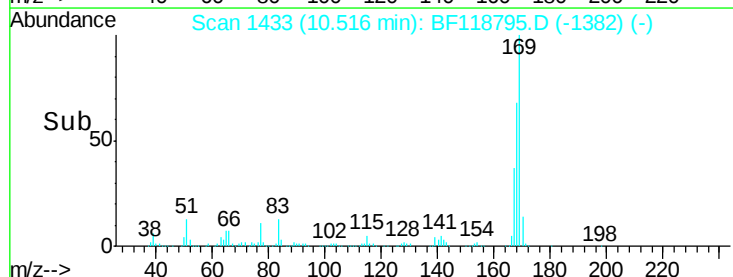
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.5	80.3
167	37.1	29.3	43.9

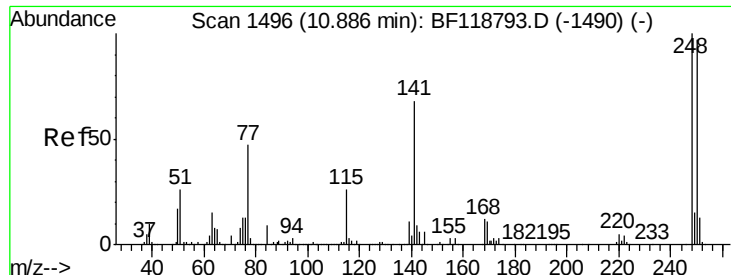


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

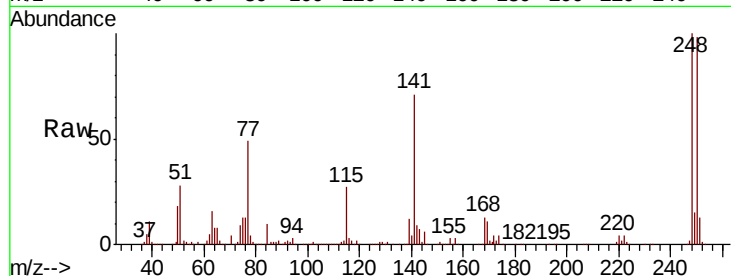




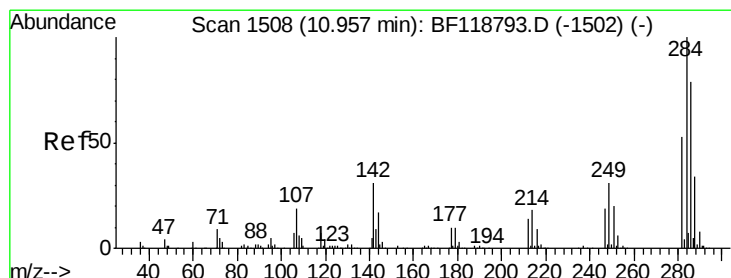
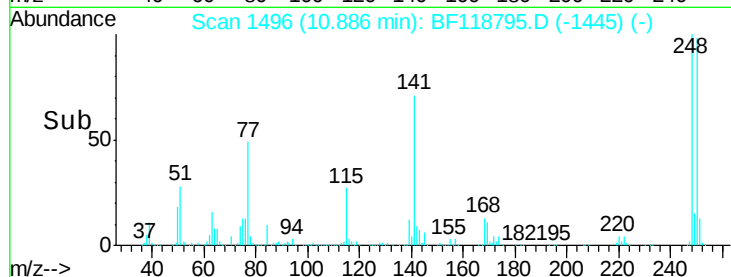
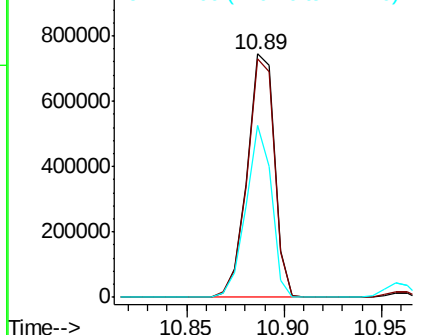
#67
4-Bromophenyl-phenylether
Concen: 56.400 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 725248
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 70.8 54.4 81.6

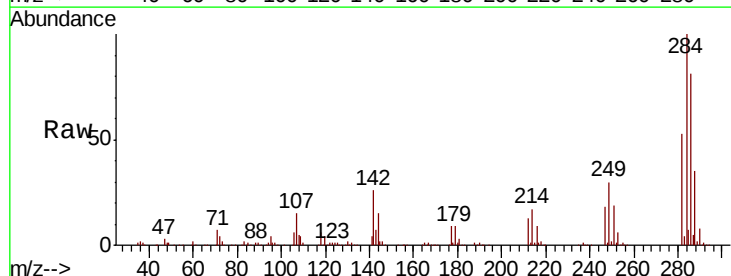


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

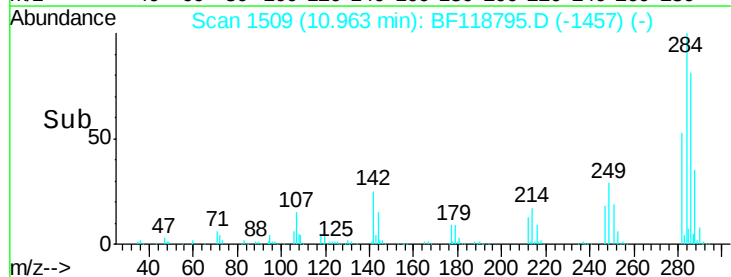
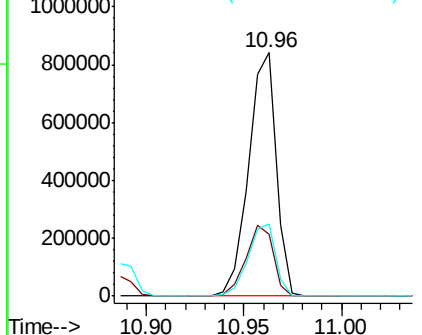


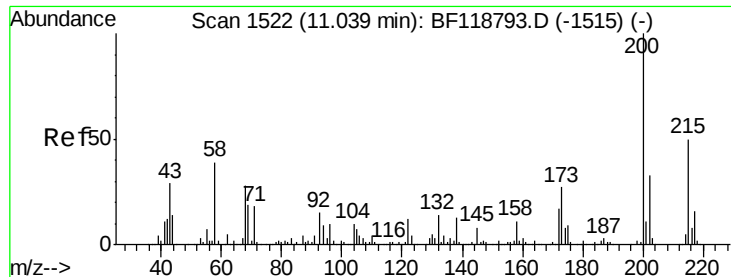
#68
Hexachlorobenzene
Concen: 56.539 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:284 Resp: 824276
Ion Ratio Lower Upper
284 100
142 25.6 24.5 36.7
249 29.8 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

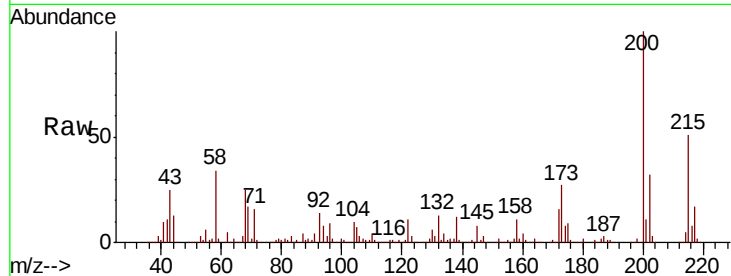




#69
Atrazine
Concen: 51.097 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	50.9	29.9	69.9

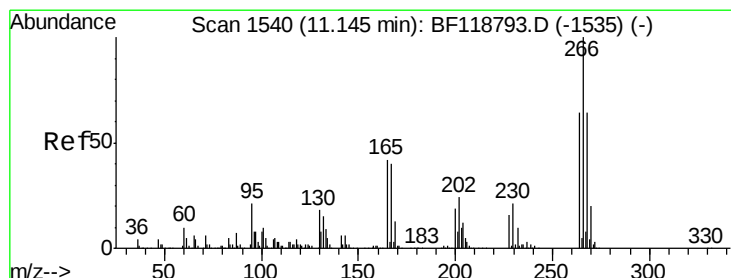
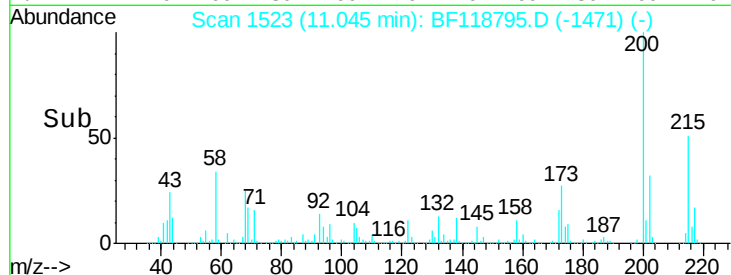
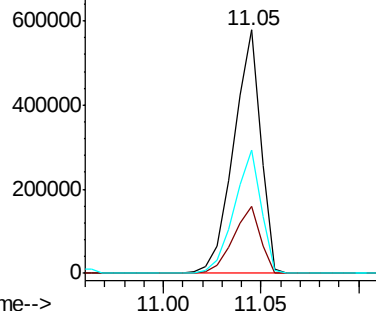


Abundance

Ion 200.00 (199.70 to 200.70): E

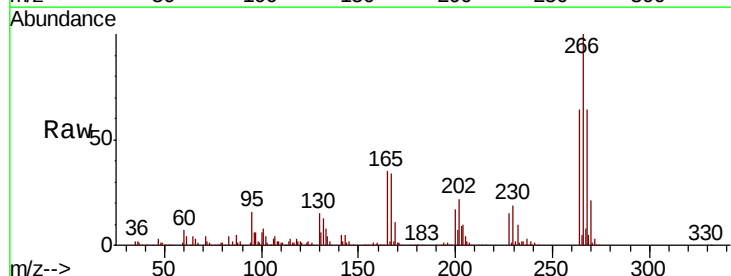
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 55.844 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.0	76.6
264	63.5	51.4	77.2

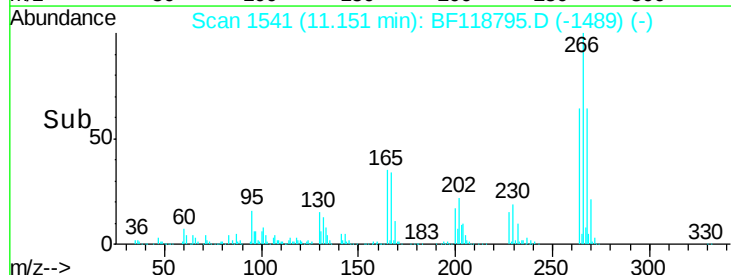
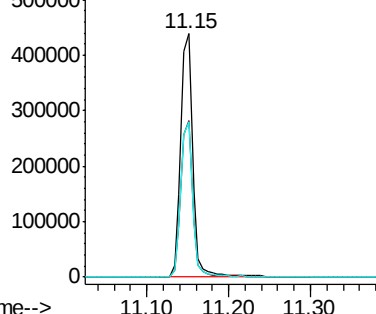


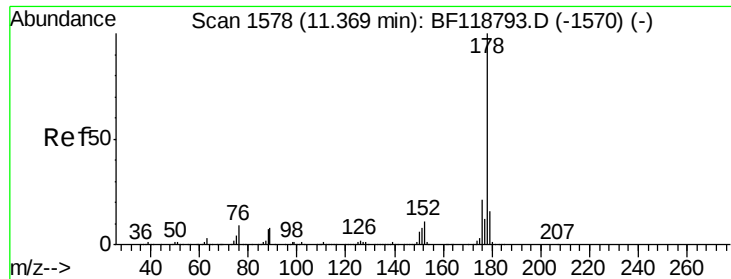
Abundance

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: 56.229 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

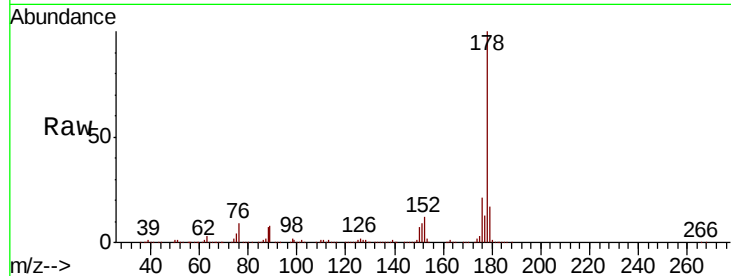
Tot Ion:178 Resp: 2823482

Ion Ratio Lower Upper

178 100

176 21.5 16.6 24.8

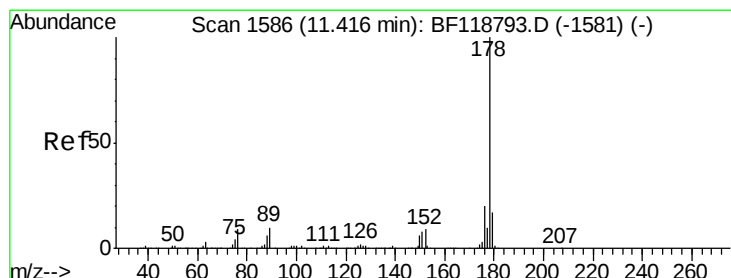
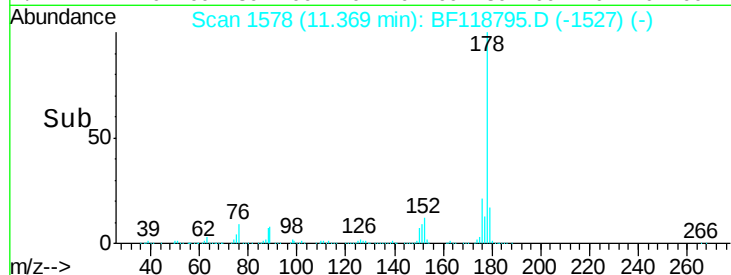
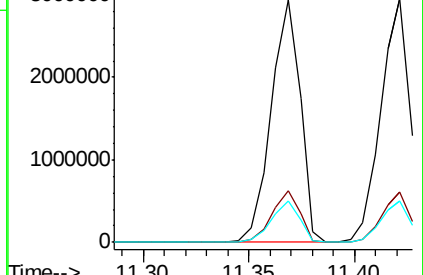
179 17.1 13.2 19.8



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: 56.968 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

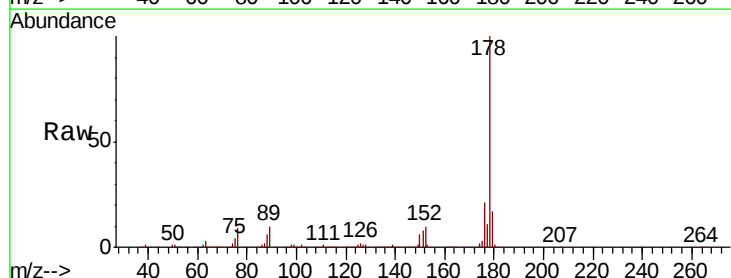
Tgt Ion:178 Resp: 2830542

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.2

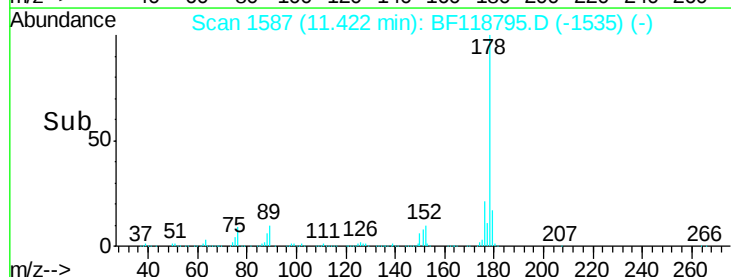
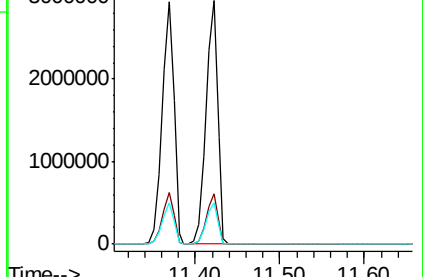
179 17.1 13.4 20.2

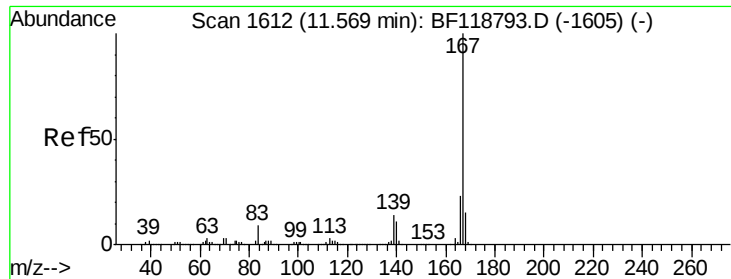


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

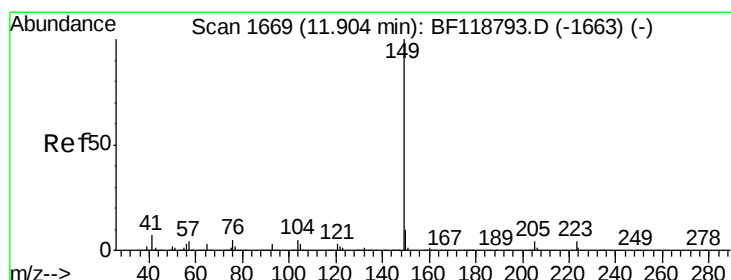
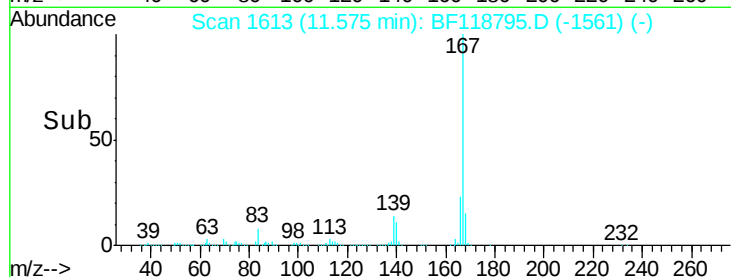
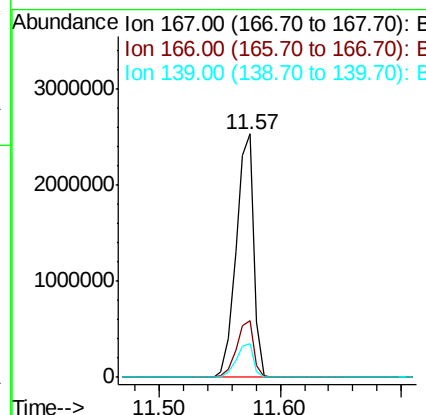
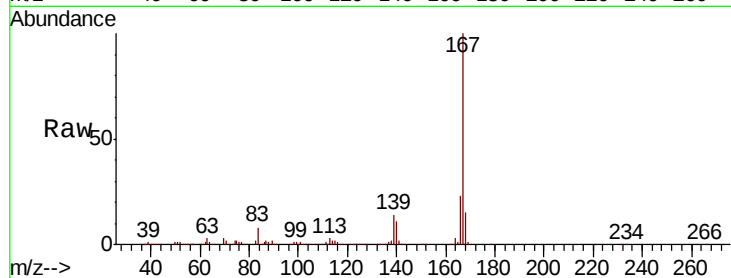




#73
 Carbazole
 Concen: 55.967 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

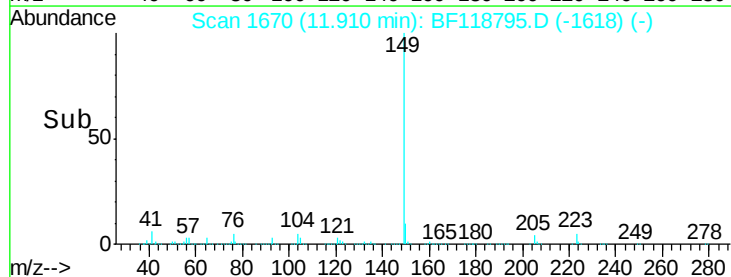
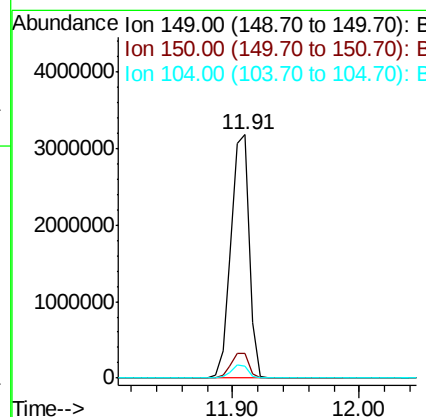
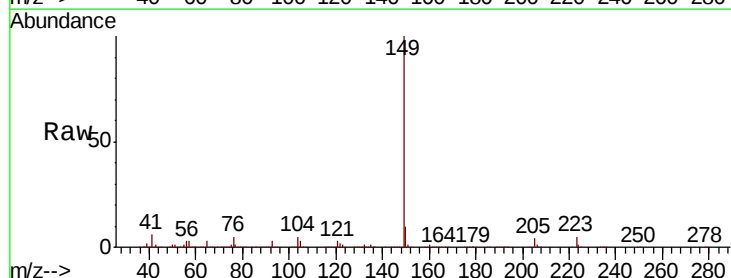
Instrument :
 BNA_F
 ClientSampleId :

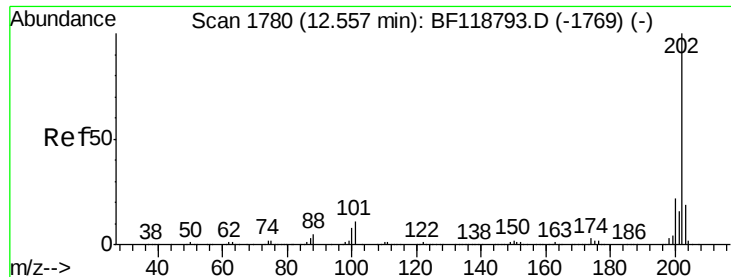
Tot Ion:167 Resp: 2550650
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 62.364 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion:149 Resp: 3157742
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 5.1 4.3 6.5

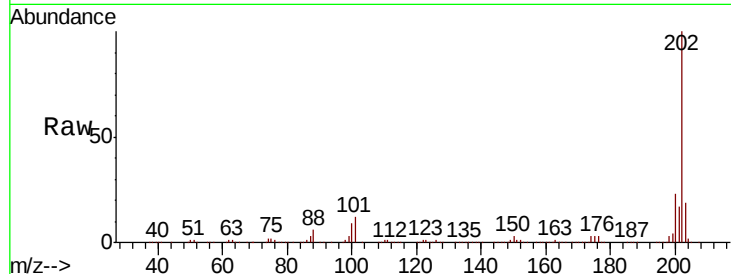




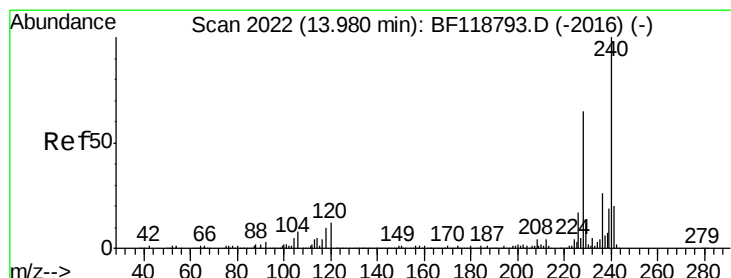
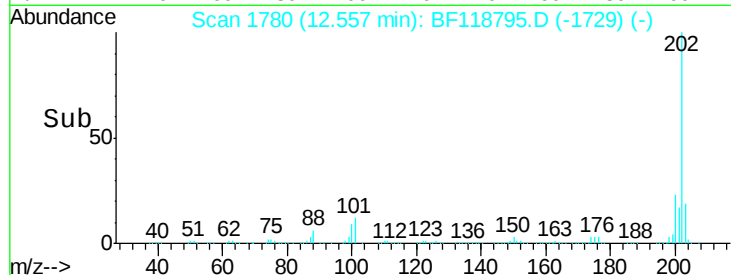
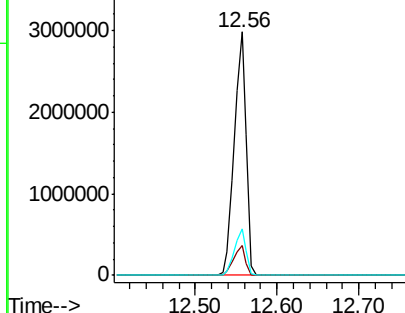
#75
 Fluoranthene
 Concen: 57.614 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 3051325
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.0
 203 19.3 0.0 38.7

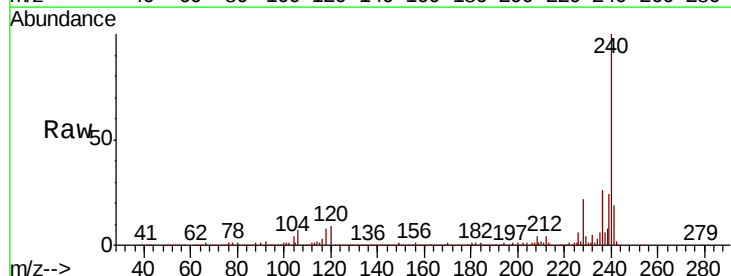


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

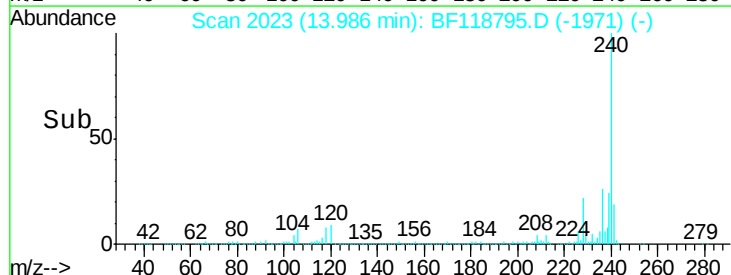
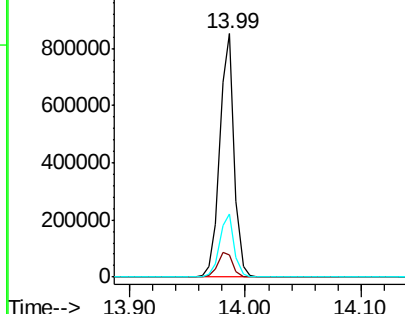


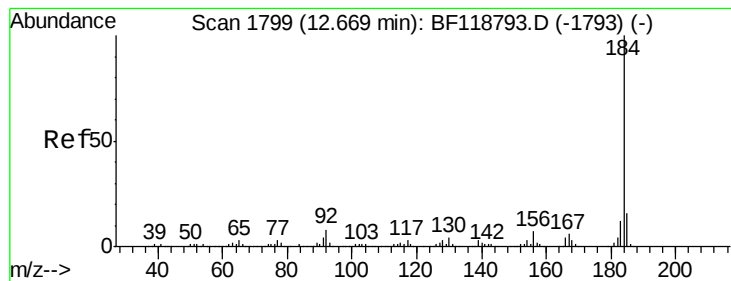
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF118795.D
 Acq: 3 Feb 2020 13:12

Tgt Ion:240 Resp: 734091
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.4 14.0#
 236 26.0 21.0 31.6



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





#77

Benzidine

Concen: 63.059 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

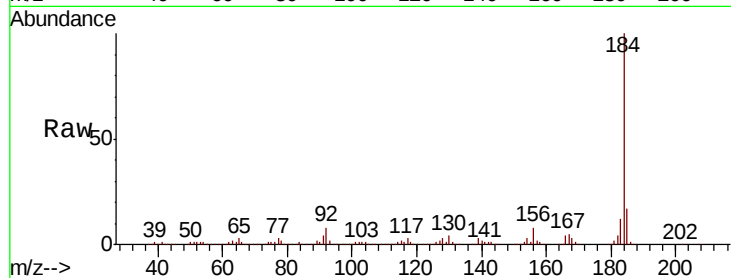
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1236856

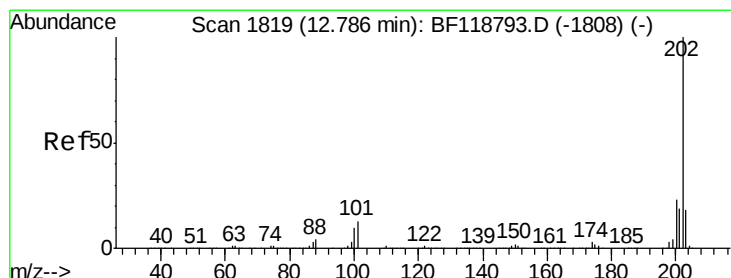
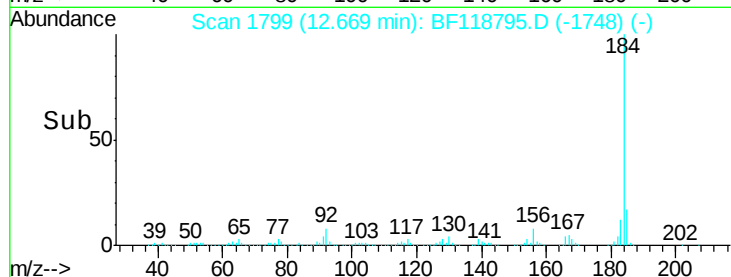
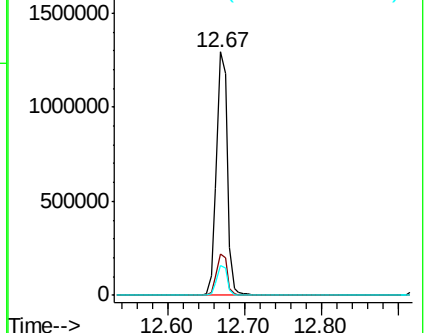
Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.5	18.7
183	12.3	9.7	14.5



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: 60.991 ng

RT: 12.79 min Scan# 1819

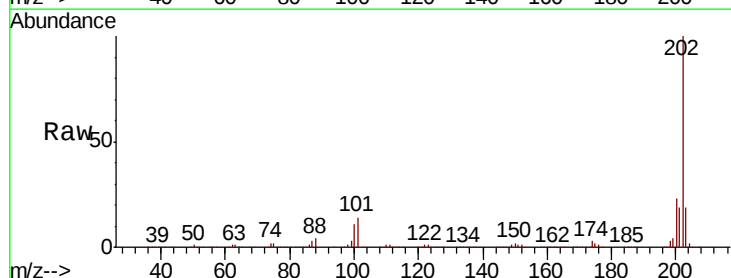
Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Tgt Ion:202 Resp: 3039704

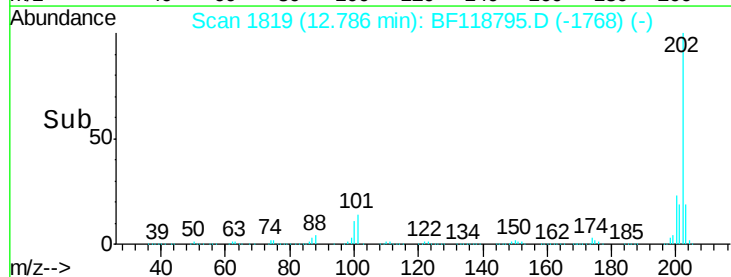
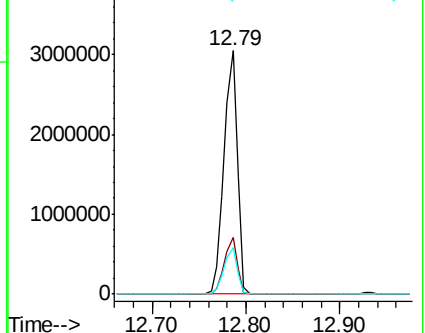
Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.2
203	19.3	14.8	22.2

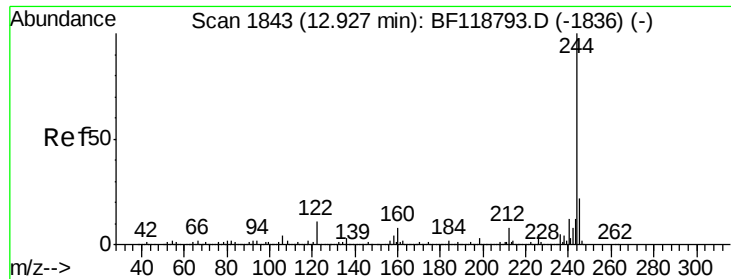


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 123.594 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

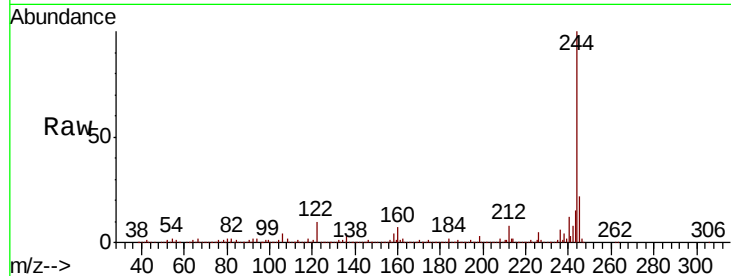
Tot Ion:244 Resp: 4159793

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

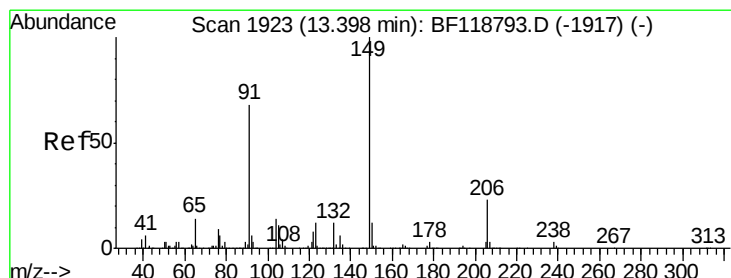
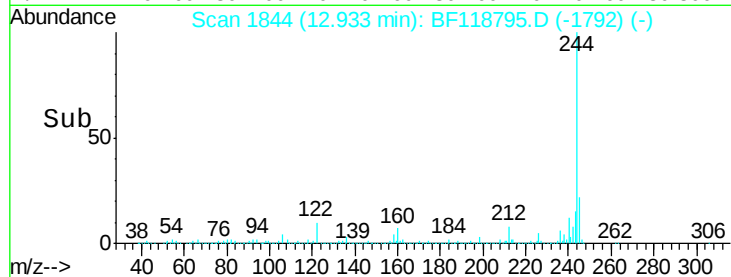
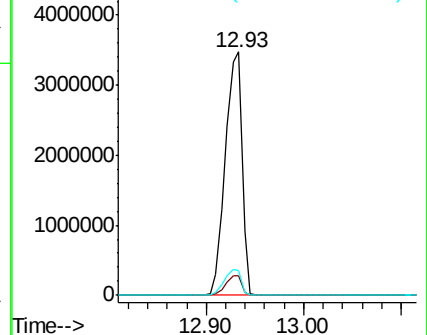
122 10.0 8.9 13.3



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: 68.422 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

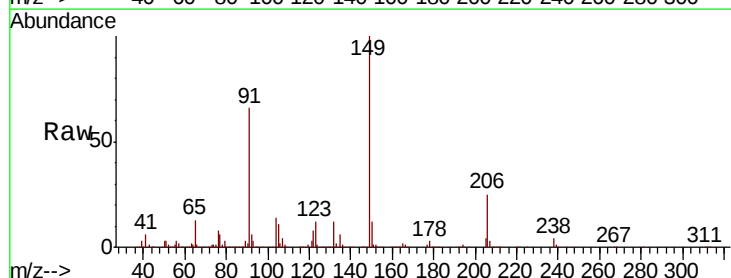
Tgt Ion:149 Resp: 1395590

Ion Ratio Lower Upper

149 100

91 65.8 54.7 82.1

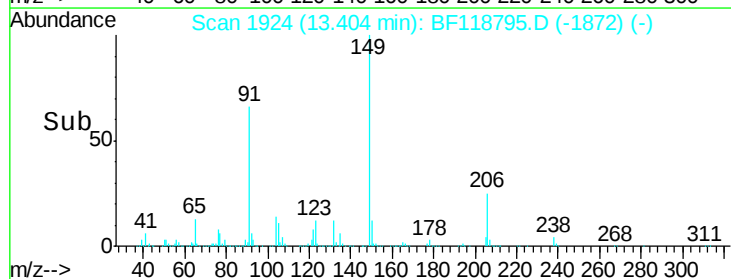
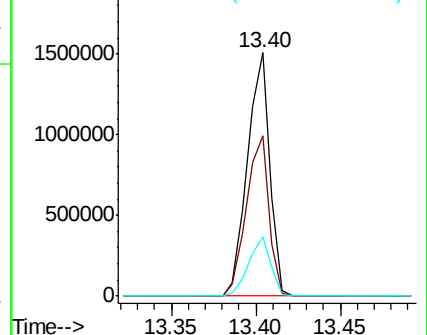
206 24.6 18.5 27.7

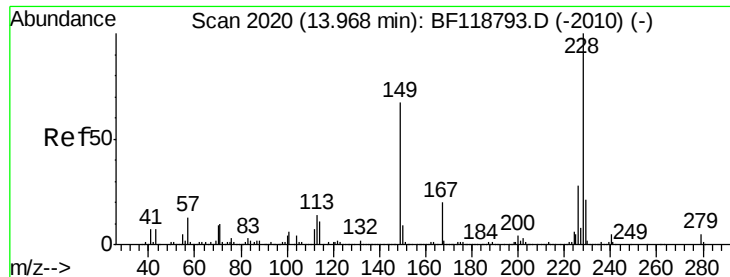


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.639 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

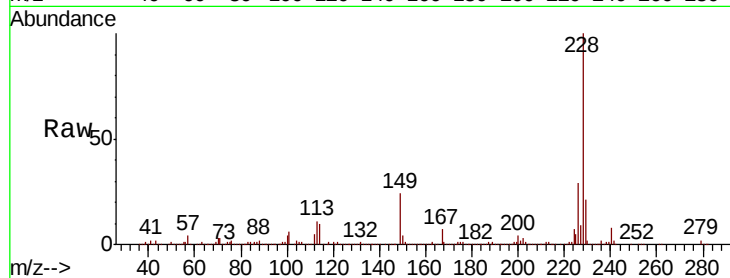
Tot Ion:228 Resp: 2545314

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

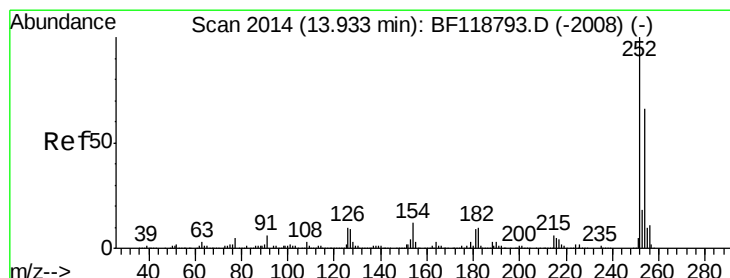
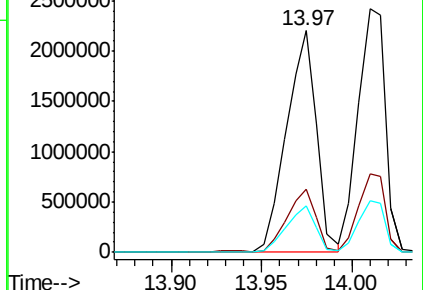
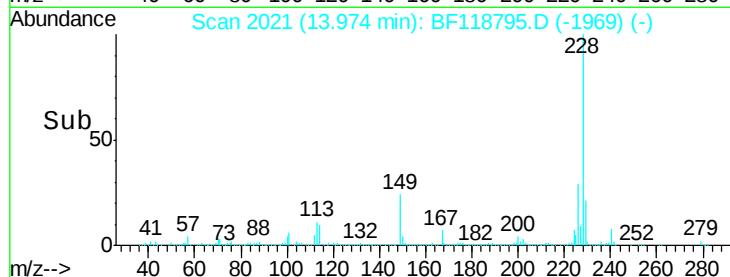
229 21.1 16.6 25.0



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: 66.468 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

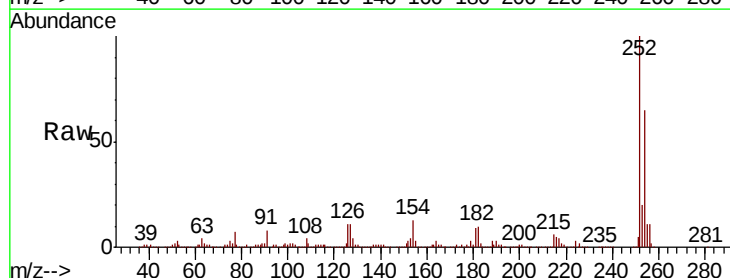
Tgt Ion:252 Resp: 1045907

Ion Ratio Lower Upper

252 100

254 65.1 52.4 78.6

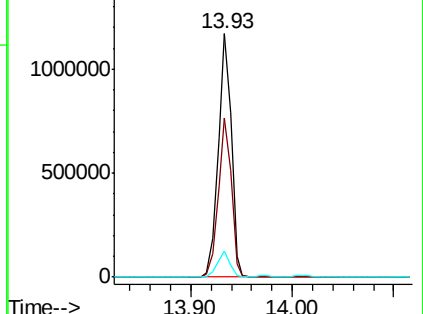
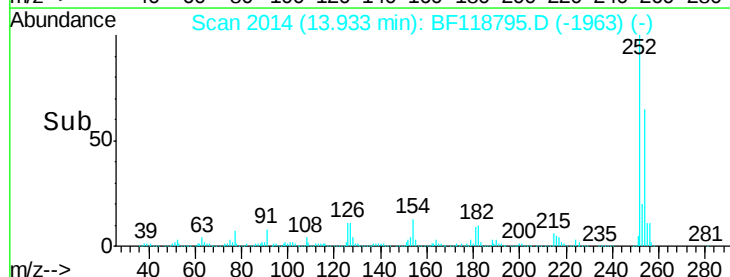
126 10.8 7.8 11.8

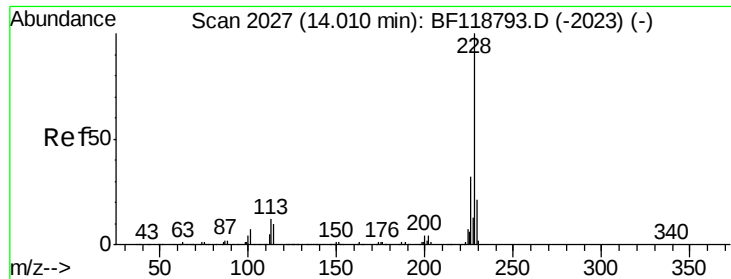


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 60.349 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

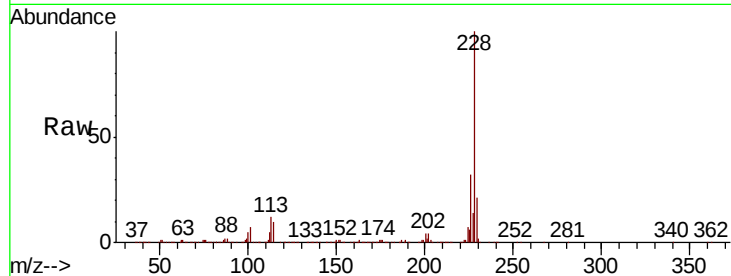
Tot Ion:228 Resp: 2554111

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

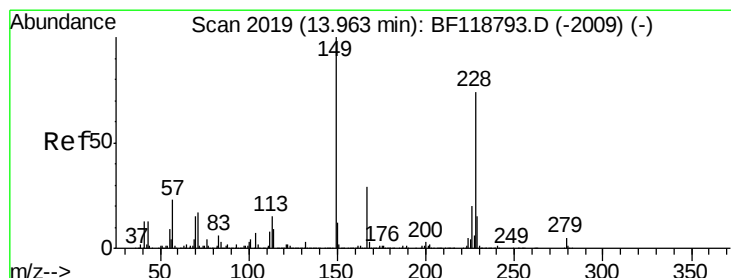
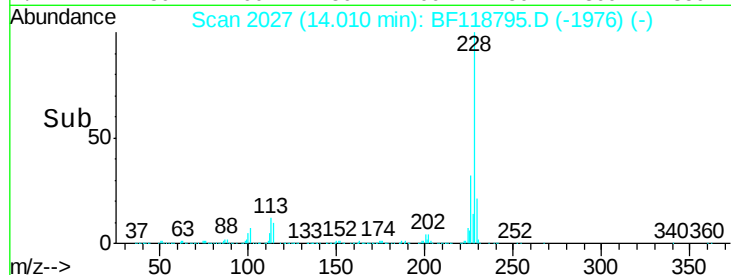
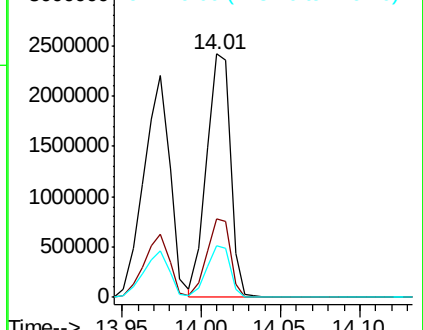
229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.506 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

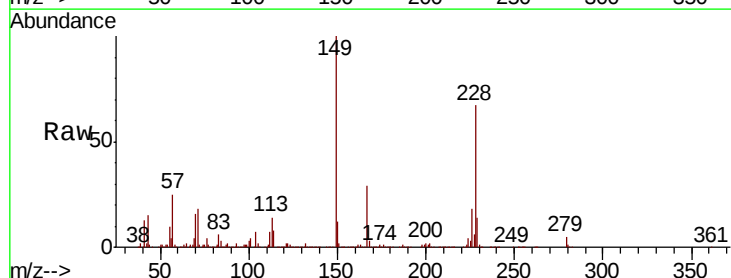
Tgt Ion:149 Resp: 1707117

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

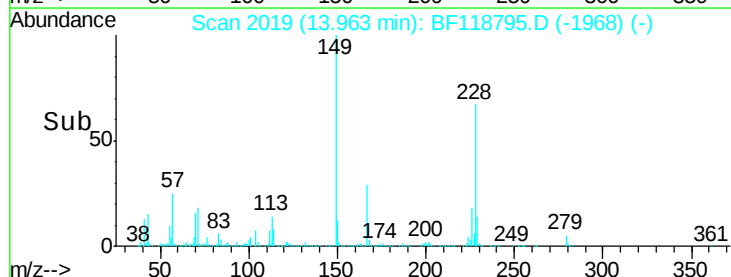
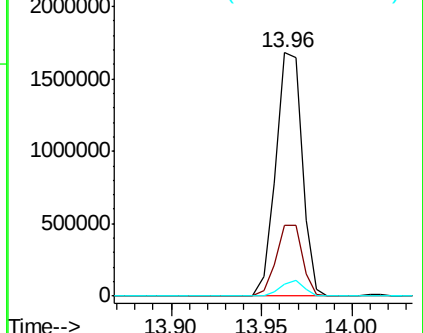
279 4.9 4.4 6.6

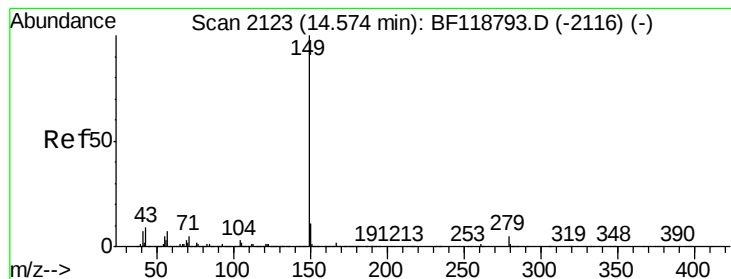


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 78.295 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

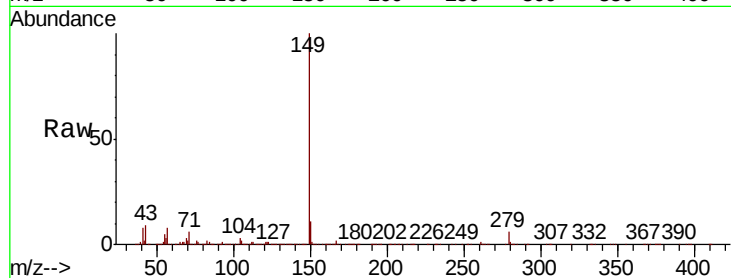
Tot Ion:149 Resp: 2887934

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

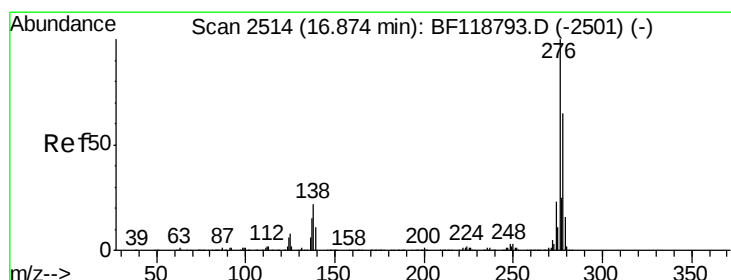
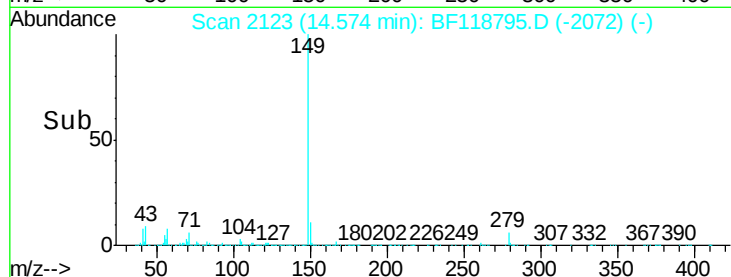
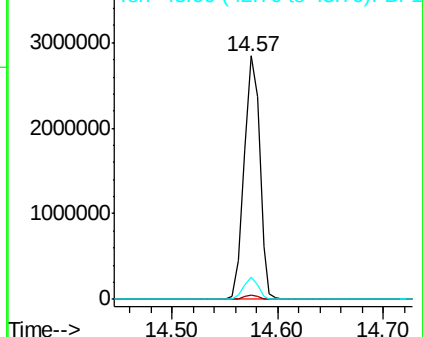
43 8.6 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 67.217 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

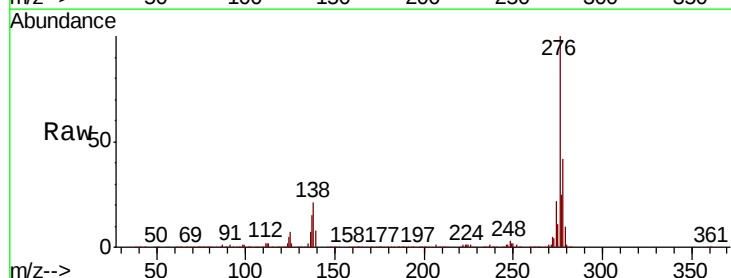
Tgt Ion:276 Resp: 2471848

Ion Ratio Lower Upper

276 100

138 22.8 18.3 27.5

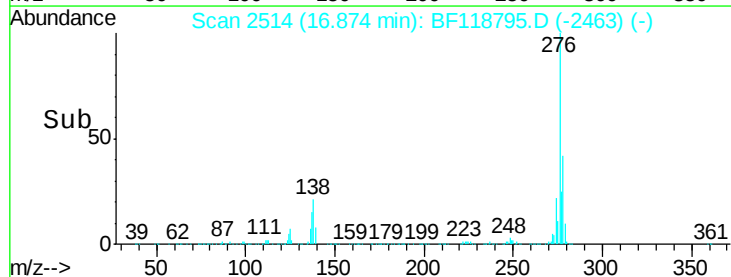
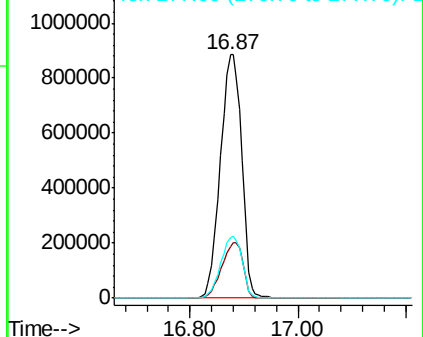
277 25.5 20.2 30.4

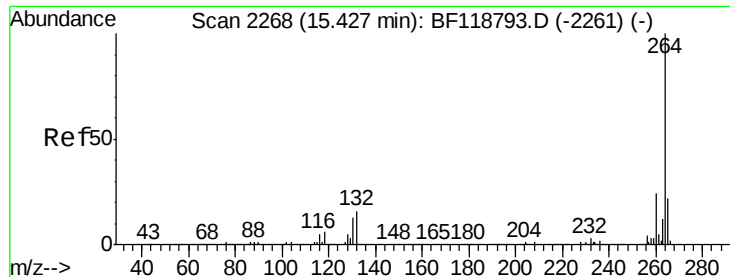


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



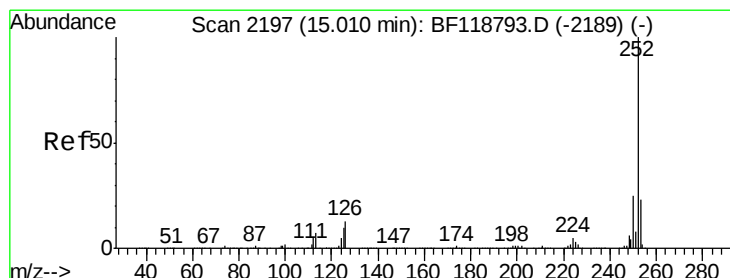
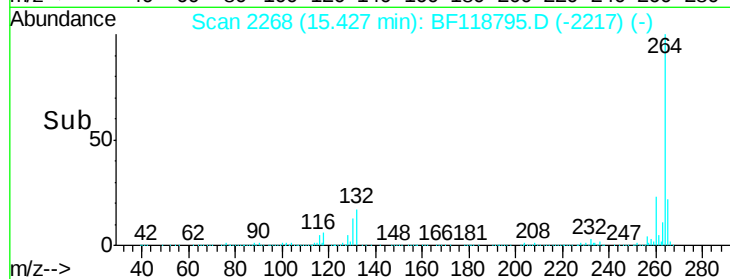
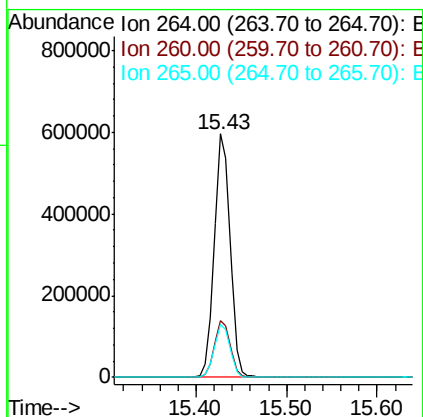
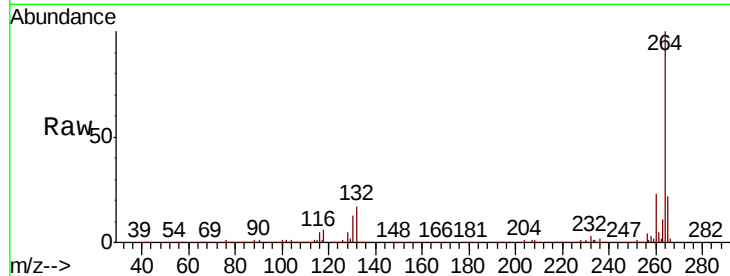


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 722540

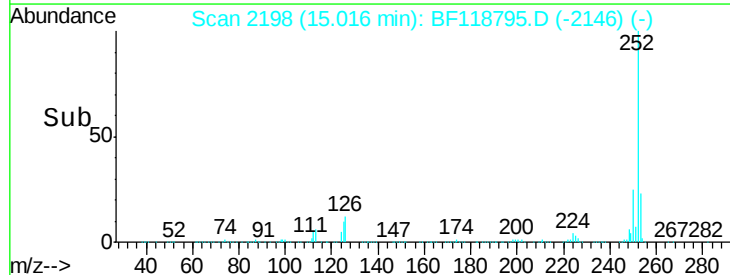
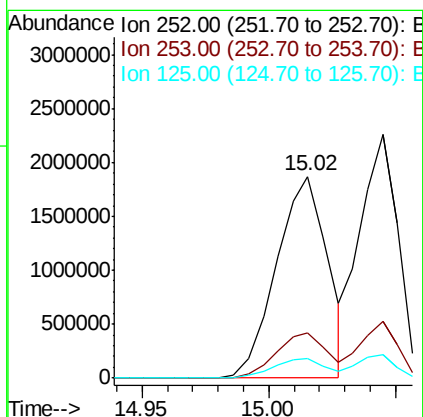
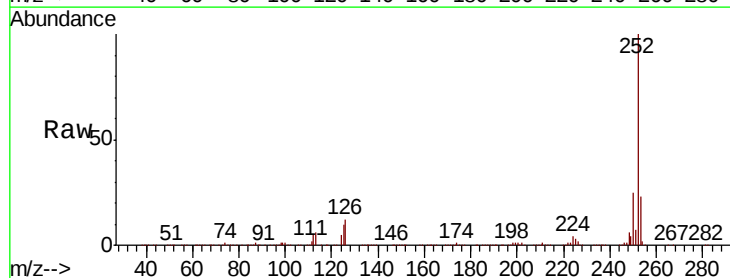
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.8	17.2	25.8

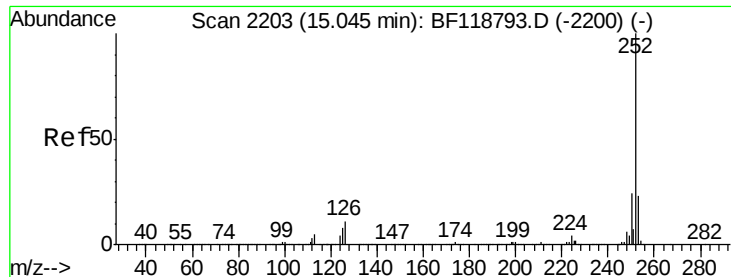


#88
Benzo(b)fluoranthene
Concen: 57.826 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:252 Resp: 2626254

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	9.6	8.1	12.1

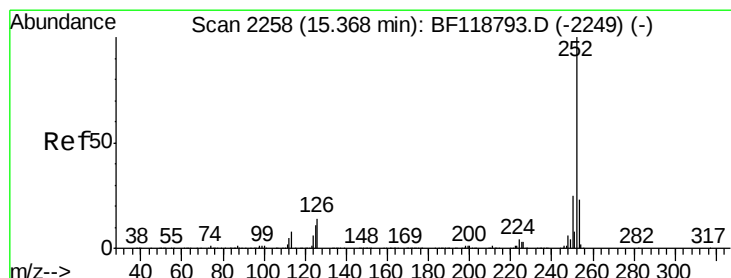
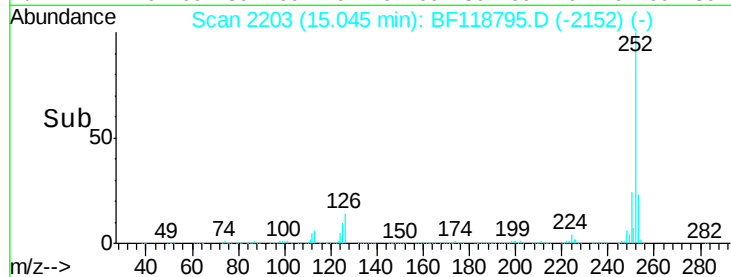
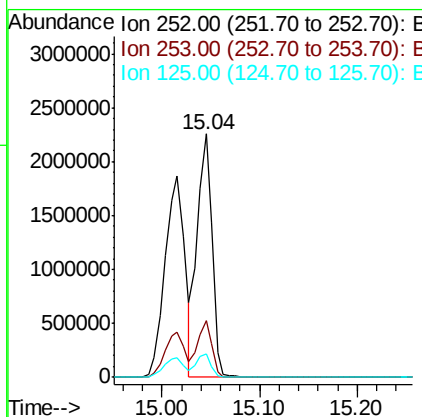
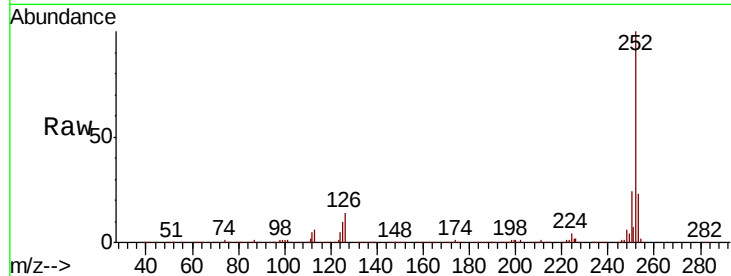




#89
Benzo(k)fluoranthene
Concen: 56.873 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

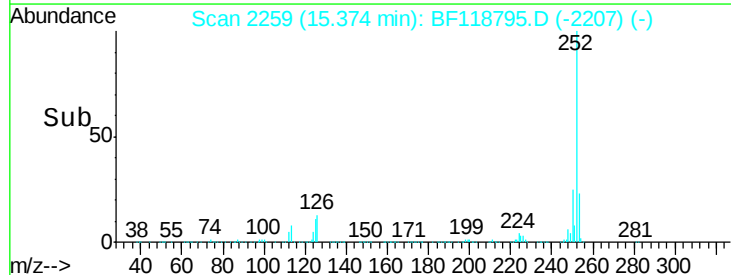
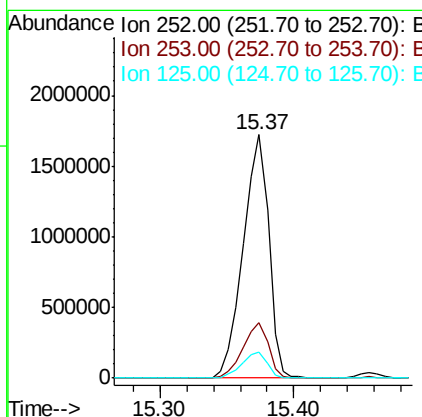
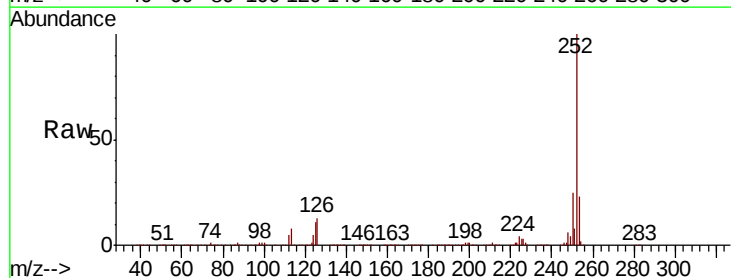
Instrument :
BNA_F
ClientSampleId :

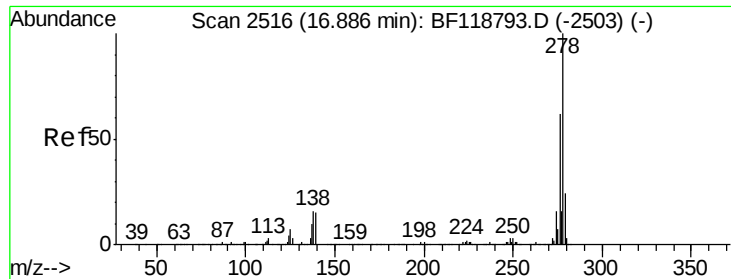
Tot Ion:252 Resp: 2393040
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 9.7 7.0 10.6



#90
Benzo(a)pyrene
Concen: 58.178 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118795.D
Acq: 3 Feb 2020 13:12

Tgt Ion:252 Resp: 2279310
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 57.944 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

Instrument :

BNA_F

ClientSampleId :

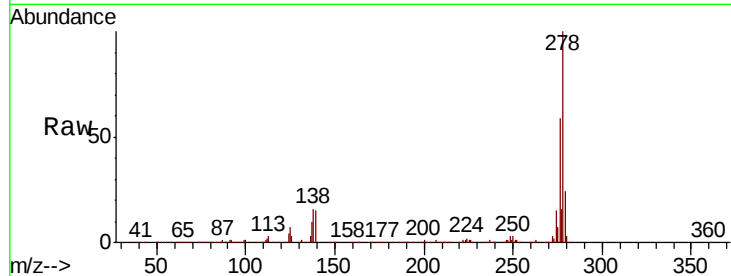
Tot Ion:278 Resp: 2008078

Ion Ratio Lower Upper

278 100

139 15.0 12.3 18.5

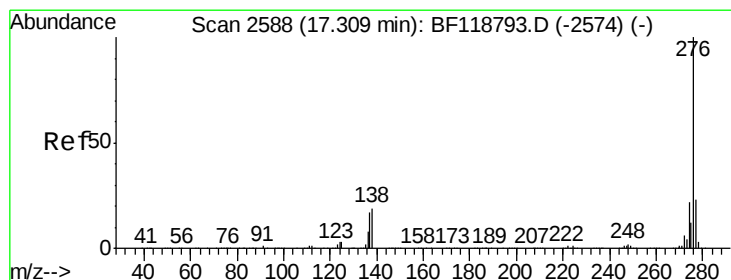
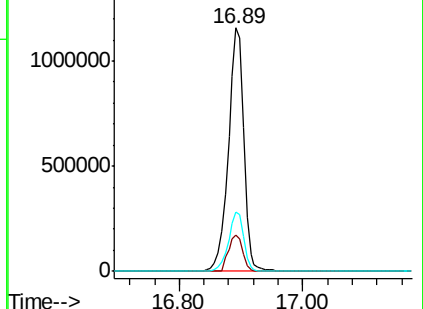
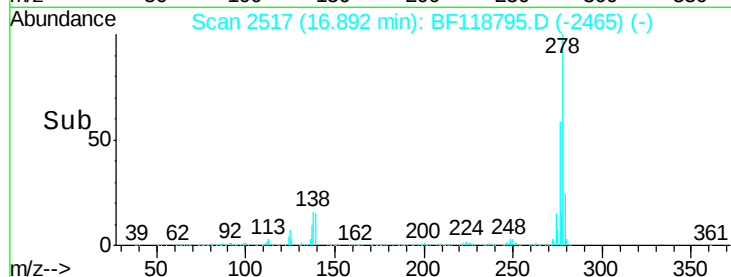
279 24.2 19.1 28.7



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: 58.432 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.01 min

Lab File: BF118795.D

Acq: 3 Feb 2020 13:12

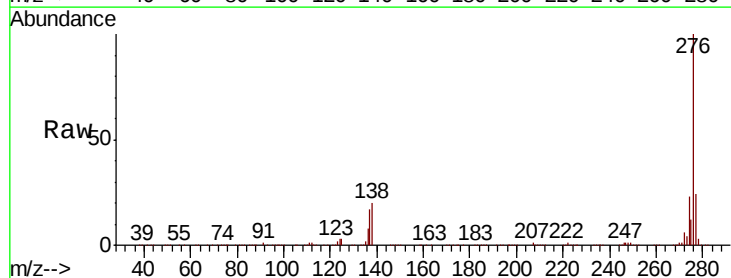
Tgt Ion:276 Resp: 1966146

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 19.6 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

