

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118794.D
 Acq On : 3 Feb 2020 12:44
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:12:27 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	304500	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1103605	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	621994	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1167102	20.00	ng	0.00
76) Chrysene-d12	13.99	240	912104	20.00	ng	0.00
87) Perylene-d12	15.43	264	965349	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1609889	98.19	ng	0.00
7) Phenol-d6	6.46	99	2006977	94.18	ng	0.00
23) Nitrobenzene-d5	7.39	82	1864203	94.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	753743	104.77	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3427469	90.57	ng	0.00
79) Terphenyl-d14	12.93	244	4180368	99.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	374355	47.142	ng	100
3) Pyridine	3.29	79	1033967	46.197	ng	99
4) n-Nitrosodimethylamine	3.24	42	382288	39.840	ng	97
6) Aniline	6.48	93	1313979	46.828	ng	99
8) 2-Chlorophenol	6.60	128	910657	49.486	ng	98
9) Benzaldehyde	6.36	77	508055	39.203	ng	100
10) Phenol	6.47	94	1113981	45.872	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	863565	47.929	ng	99
12) 1,3-Dichlorobenzene	6.76	146	1077152	50.009	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1072122	49.586	ng	99
14) 1,2-Dichlorobenzene	6.99	146	982980	48.362	ng	98
15) Benzyl Alcohol	6.96	79	784647	46.432	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1044928	41.636	ng	99
17) 2-Methylphenol	7.07	107	749919	48.923	ng	99
18) Hexachloroethane	7.33	117	388220	49.517	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	610092	42.401	ng	99
20) 3+4-Methylphenols	7.23	107	858789	45.888	ng	95
22) Acetophenone	7.23	105	1203113	46.020	ng	98
24) Nitrobenzene	7.40	77	935500	46.306	ng	95
25) Isophorone	7.65	82	1670549	46.420	ng	98
26) 2-Nitrophenol	7.72	139	511904	59.418	ng	99
27) 2,4-Dimethylphenol	7.76	122	682682	45.889	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	1092587	47.118	ng	98
29) 2,4-Dichlorophenol	7.96	162	817823	49.729	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	944347	49.524	ng	100
31) Naphthalene	8.13	128	2527754	50.703	ng	99
32) Benzoic acid	7.89	122	619328	55.470	ng	98
33) 4-Chloroaniline	8.17	127	1131341	49.098	ng	98
34) Hexachlorobutadiene	8.25	225	583227	50.225	ng	99
35) Caprolactam	8.56	113	259918	48.295	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	817178	50.318	ng	99
37) 2-Methylnaphthalene	8.82	142	1743621	49.549	ng	98
38) 1-Methylnaphthalene	8.92	142	1656045	49.535	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	942107	48.408	ng	100

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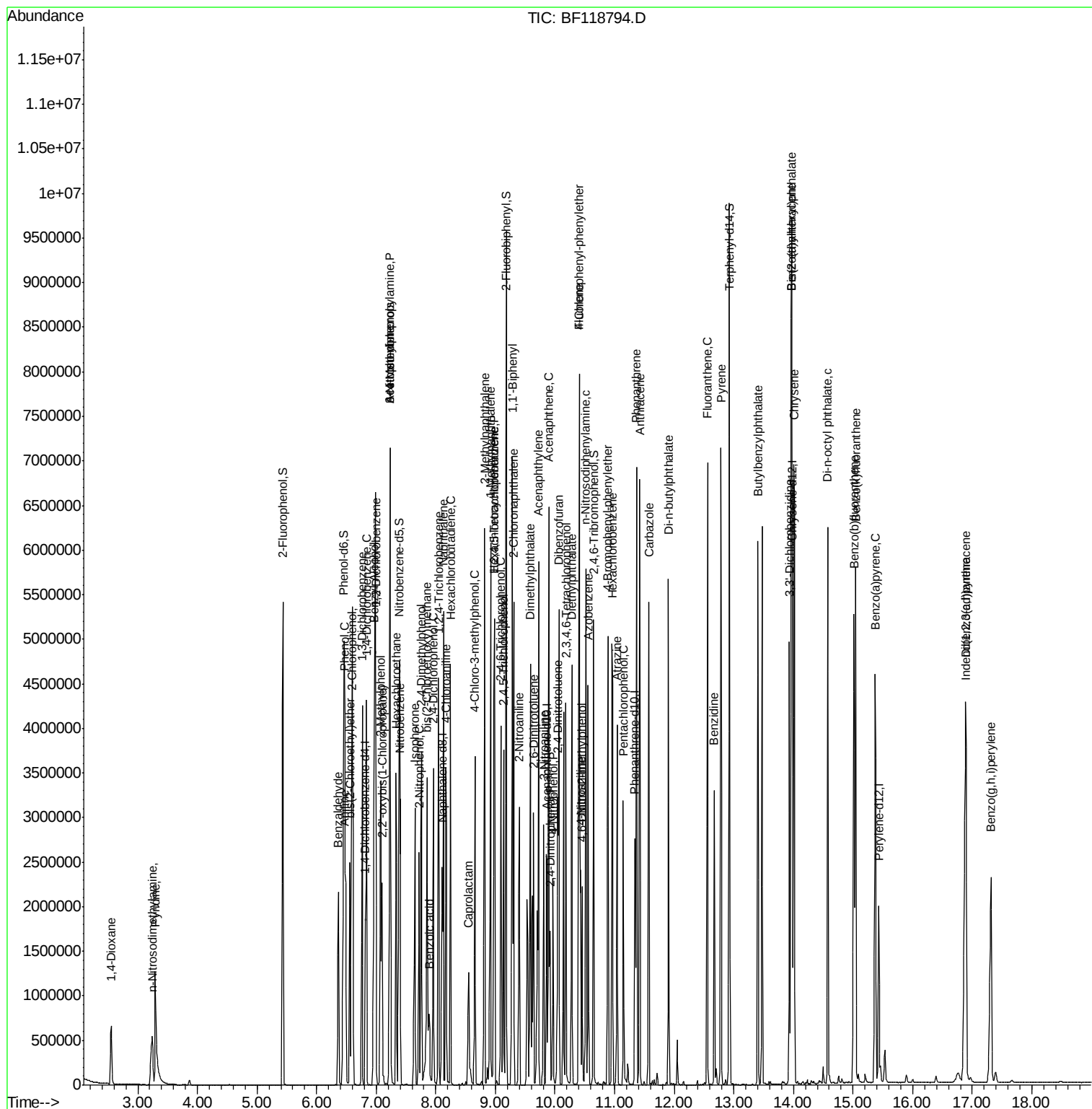
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41) Hexachlorocyclopentadiene	8.97	237	399603	40.696	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	641187	49.649	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	649623	49.253	ng	96
46) 1,1'-Biphenyl	9.28	154	2148476	50.119	ng	99
47) 2-Chloronaphthalene	9.30	162	1808529	50.053	ng	100
48) 2-Nitroaniline	9.40	65	529060	47.633	ng	92
49) Acenaphthylene	9.72	152	2592561	51.004	ng	98
50) Dimethylphthalate	9.59	163	2099313	51.804	ng	100
51) 2,6-Dinitrotoluene	9.65	165	494697	54.516	ng	91
52) Acenaphthene	9.89	154	1713147	50.403	ng	100
53) 3-Nitroaniline	9.81	138	554159	53.481	ng	95
54) 2,4-Dinitrophenol	9.92	184	254807	70.336	ng	93
55) Dibenzofuran	10.06	168	2369705	50.309	ng	99
56) 4-Nitrophenol	9.97	139	405315	51.816	ng	96
57) 2,4-Dinitrotoluene	10.05	165	656973	57.430	ng	# 89
58) Fluorene	10.41	166	1752182	47.385	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	586605	50.565	ng	99
60) Diethylphthalate	10.28	149	2070877	52.707	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	954228	47.447	ng	97
62) 4-Nitroaniline	10.43	138	549891	51.737	ng	99
63) Azobenzene	10.56	77	1754007	46.095	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	349228	68.049	ng	94
66) n-Nitrosodiphenylamine	10.52	169	1704295	48.422	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	693867	48.121	ng	99
68) Hexachlorobenzene	10.96	284	803128	49.128	ng	# 93
69) Atrazine	11.05	200	541267	44.368	ng	99
70) Pentachlorophenol	11.15	266	436377	48.012	ng	98
71) Phenanthrene	11.37	178	2769303	49.183	ng	99
72) Anthracene	11.42	178	2751385	49.384	ng	100
73) Carbazole	11.57	167	2537343	49.651	ng	100
74) Di-n-butylphthalate	11.90	149	3063384	53.955	ng	99
75) Fluoranthene	12.56	202	3039454	51.181	ng	98
77) Benzidine	12.67	184	1342629	55.092	ng	99
78) Pyrene	12.79	202	3034216	48.999	ng	98
80) Butylbenzylphthalate	13.40	149	1410155	55.643	ng	97
81) Benzo(a)anthracene	13.97	228	2710063	49.393	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	1129703	57.782	ng	99
83) Chrysene	14.01	228	2679307	50.952	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1753767	56.642	ng	99
85) Di-n-octyl phthalate	14.57	149	3046406	66.472	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	2684507	58.753	ng	100
88) Benzo(b)fluoranthene	15.02	252	2941056	48.469	ng	99
89) Benzo(k)fluoranthene	15.04	252	2697599	47.986	ng	98
90) Benzo(a)pyrene	15.37	252	2601995	49.710	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	2198440	47.481	ng	99
92) Benzo(g,h,i)perylene	17.32	276	2074748	46.151	ng	98

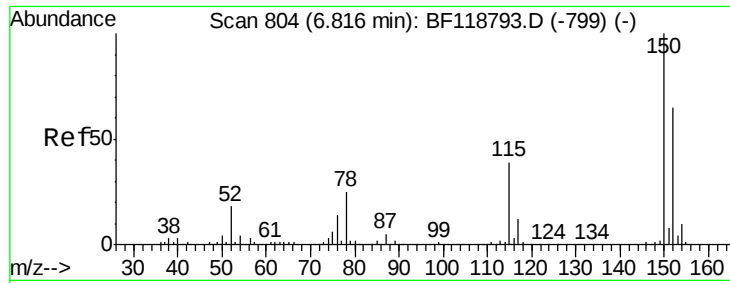
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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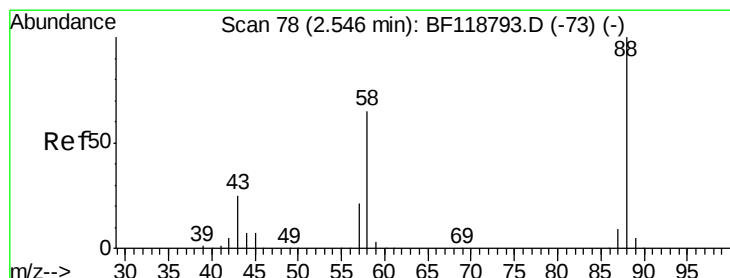
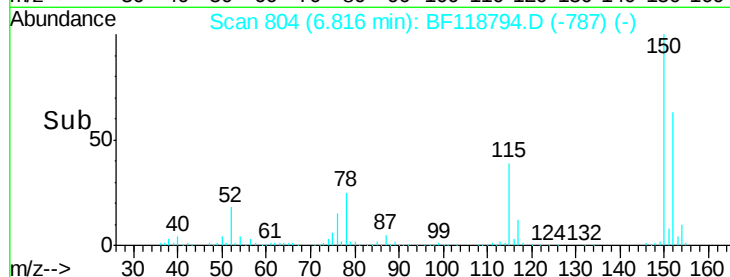
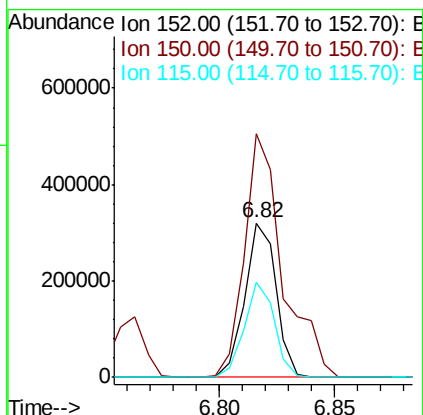
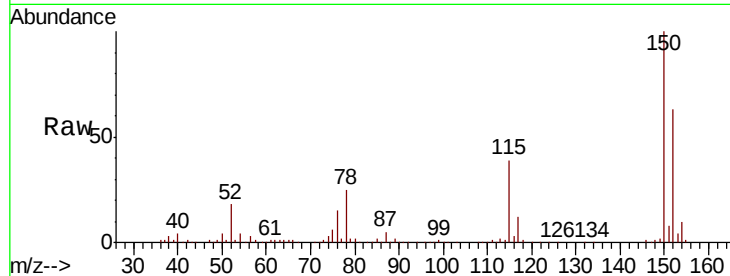


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

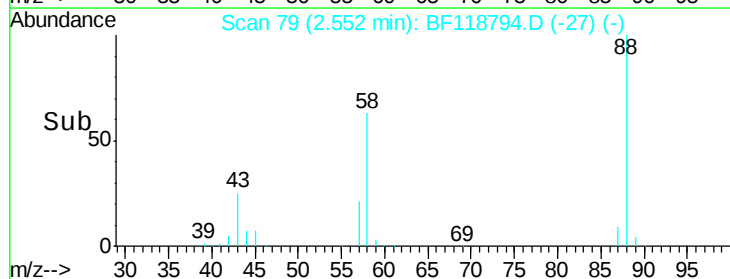
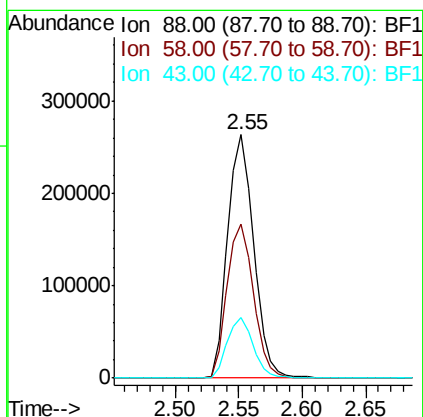
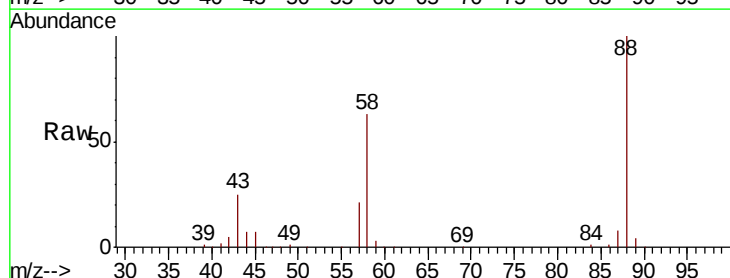
Tot Ion:152 Resp: 304500
Ion Ratio Lower Upper
152 100
150 157.6 123.6 185.4
115 61.2 48.2 72.2

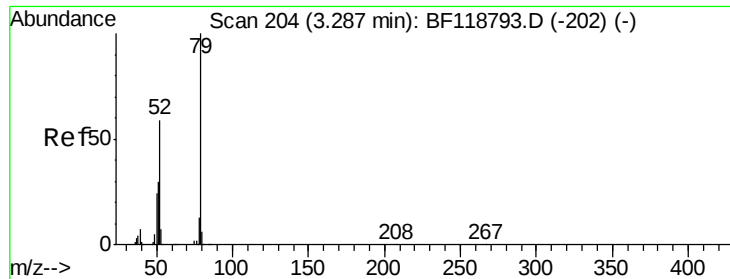


#2

1,4-Dioxane
Concen: 47.142 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 88 Resp: 374355
Ion Ratio Lower Upper
88 100
58 64.5 51.6 77.4
43 25.0 19.8 29.6





#3

Pvridine

Concen: 46.197 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

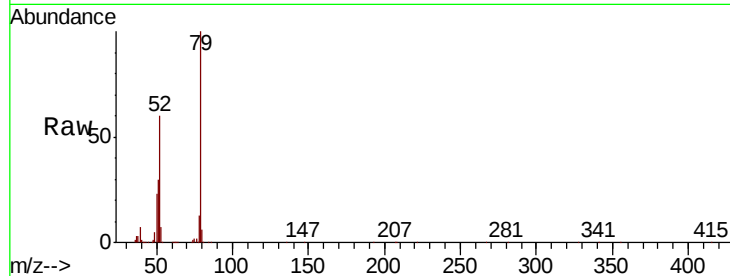
Tot Ion: 79 Resp: 1033967

Ion Ratio Lower Upper

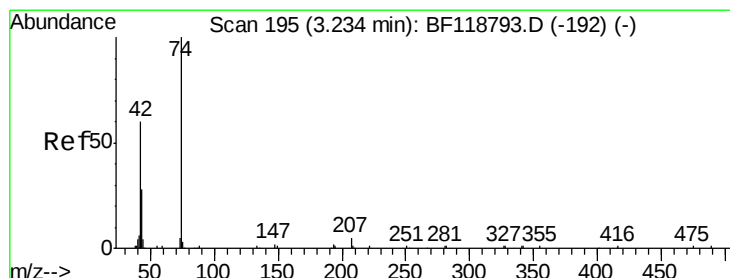
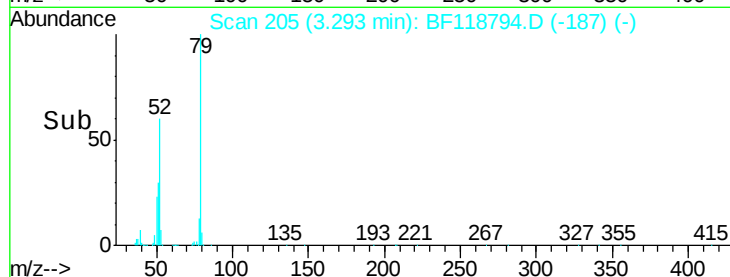
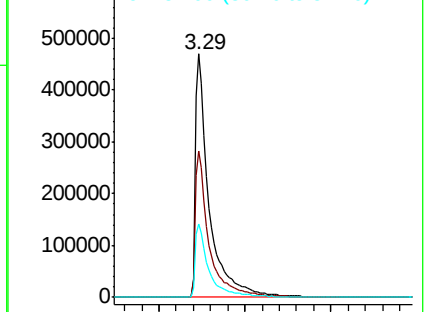
79 100

52 59.9 47.4 71.0

51 30.0 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: 39.840 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

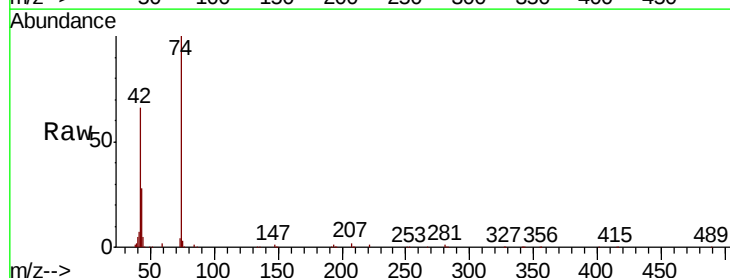
Tgt Ion: 42 Resp: 382288

Ion Ratio Lower Upper

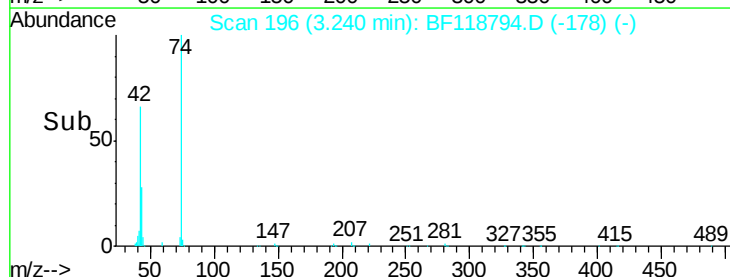
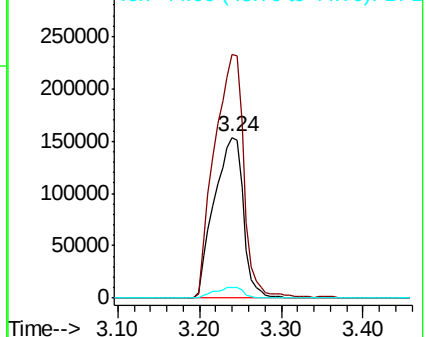
42 100

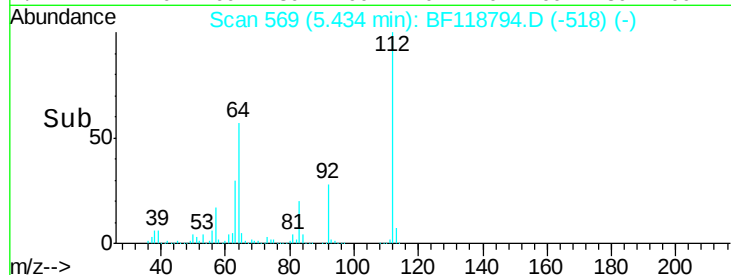
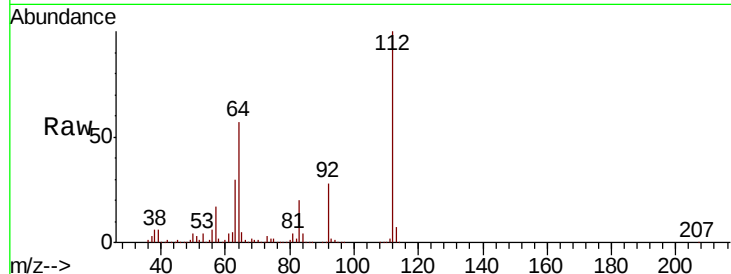
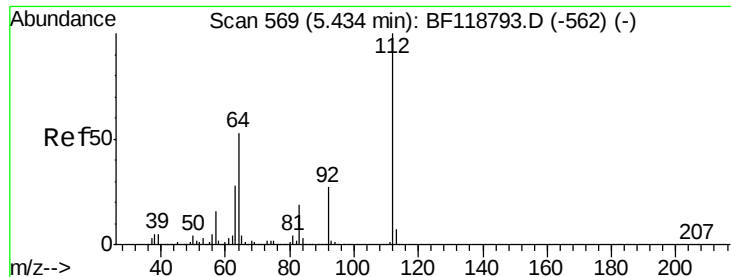
74 151.3 124.3 186.5

44 6.9 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: 98.193 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

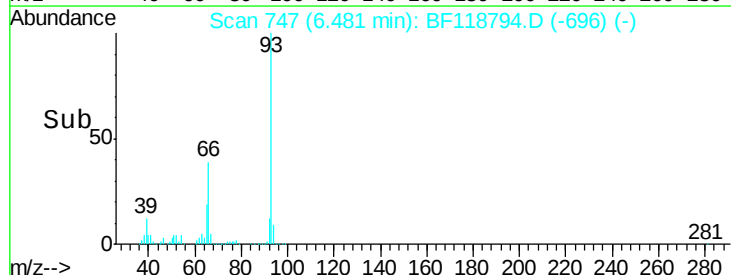
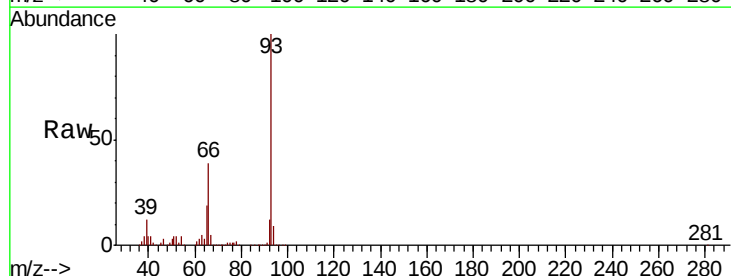
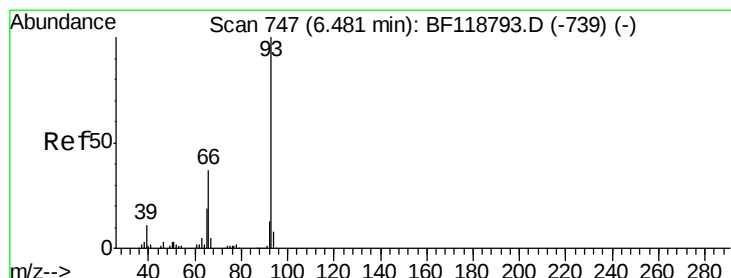
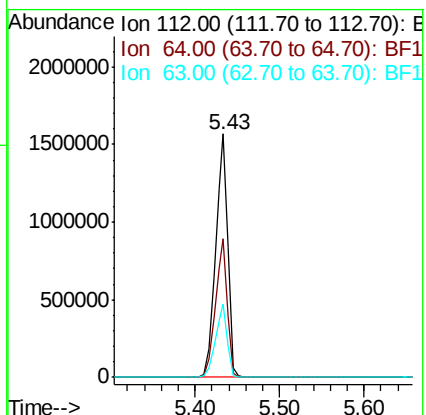
Tot Ion:112 Resp: 1609889

Ion Ratio Lower Upper

112 100

64 56.8 42.6 63.8

63 29.9 22.2 33.4



#6

Aniline

Concen: 46.828 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

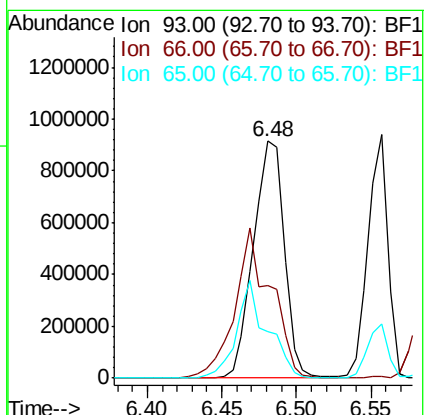
Tgt Ion: 93 Resp: 1313979

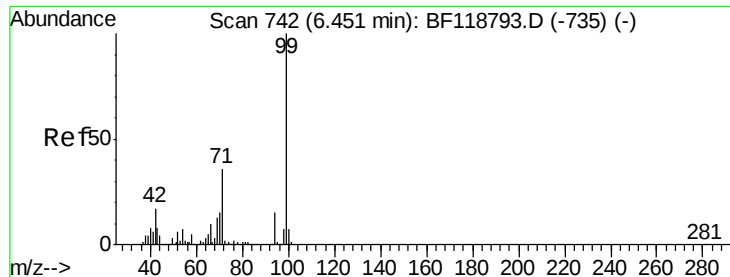
Ion Ratio Lower Upper

93 100

66 39.3 30.8 46.2

65 19.4 15.4 23.0





#7

Phenol-d6

Concen: 94.182 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

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ClientSampleId :

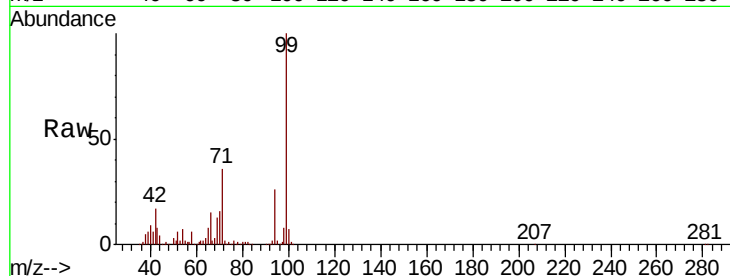
Tot Ion: 99 Resp: 2006977

Ion Ratio Lower Upper

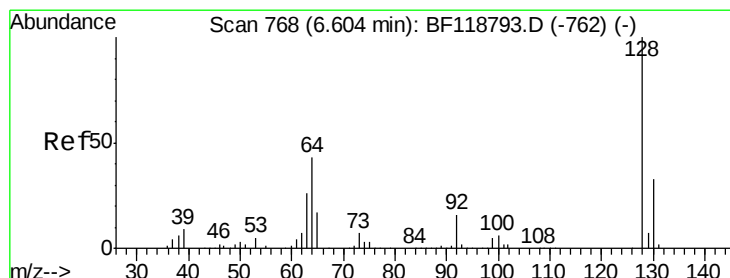
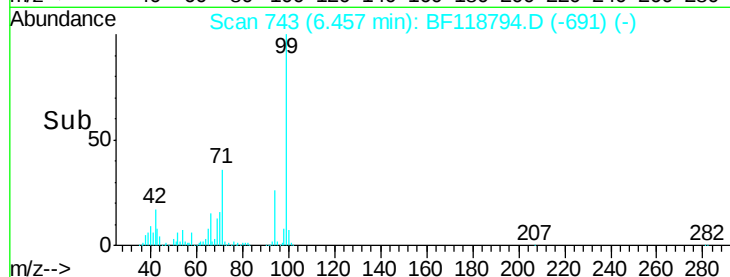
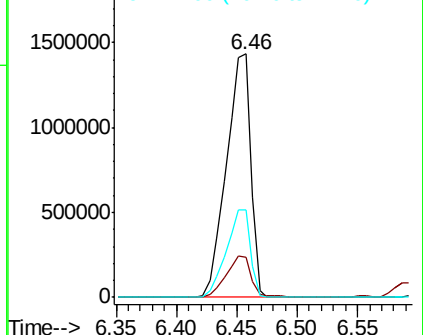
99 100

42 16.7 13.4 20.0

71 36.0 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: 49.486 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

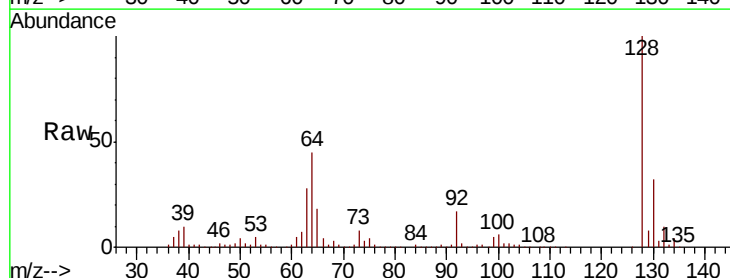
Tgt Ion:128 Resp: 910657

Ion Ratio Lower Upper

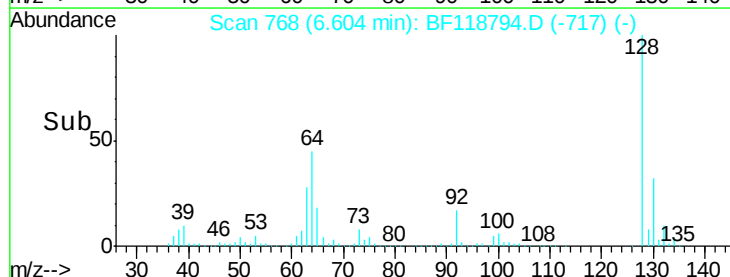
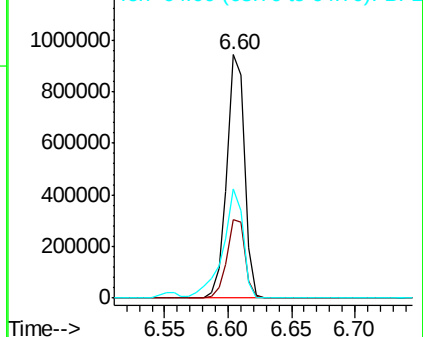
128 100

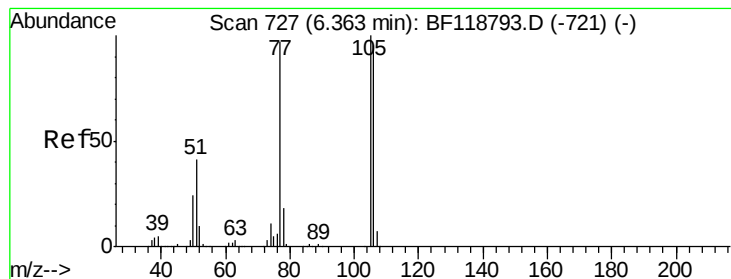
130 32.3 13.1 53.1

64 44.7 23.0 63.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.203 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118794.D

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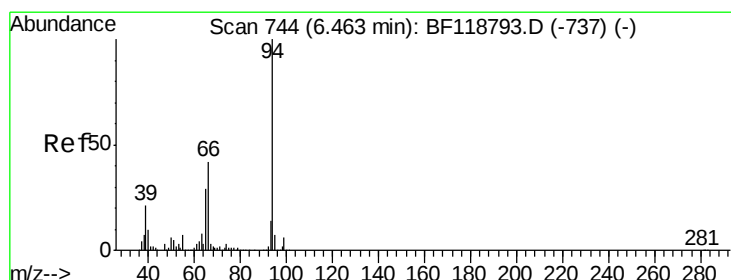
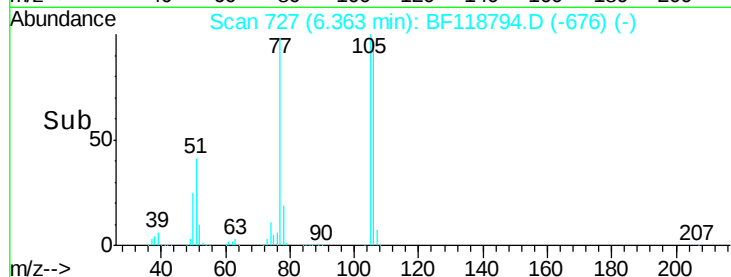
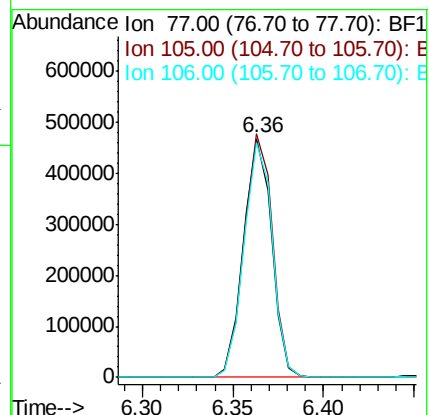
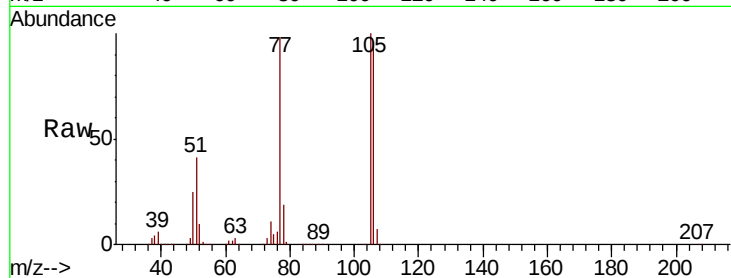
Tot Ion: 77 Resp: 508055

Ion Ratio Lower Upper

77 100

105 102.0 82.8 122.8

106 98.3 78.1 118.1



#10

Phenol

Concen: 45.872 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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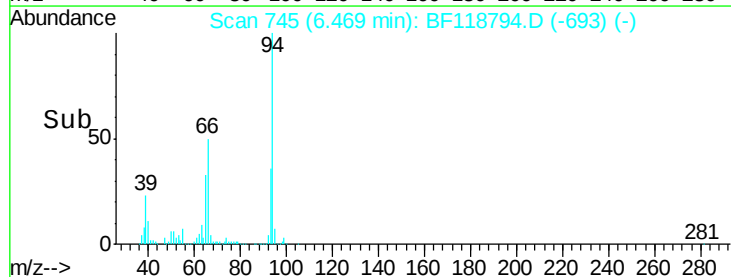
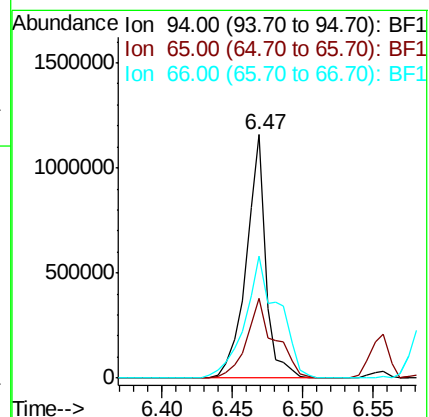
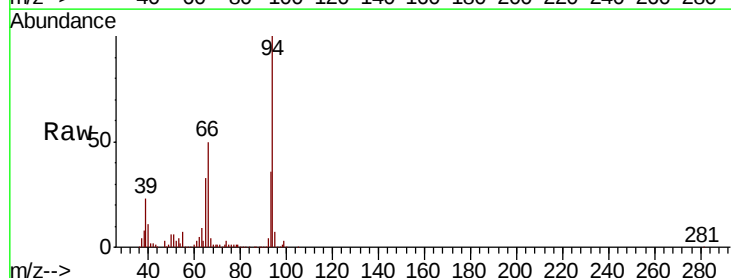
Tgt Ion: 94 Resp: 1113981

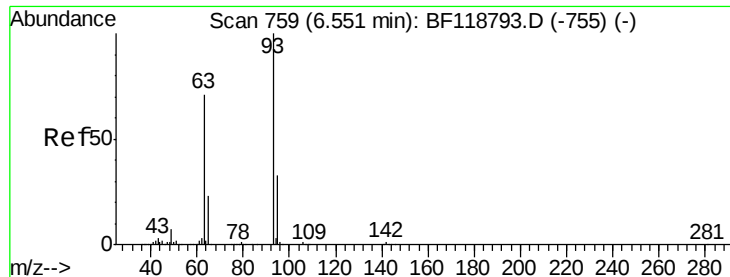
Ion Ratio Lower Upper

94 100

65 32.6 9.1 49.1

66 50.1 21.7 61.7

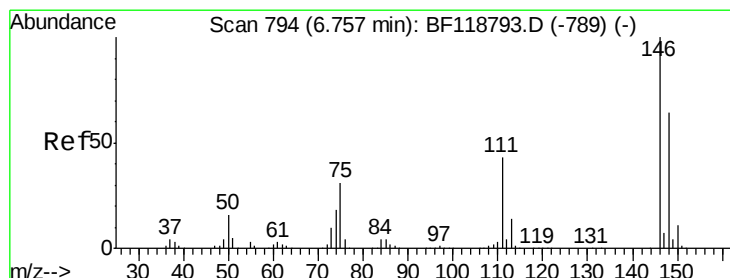
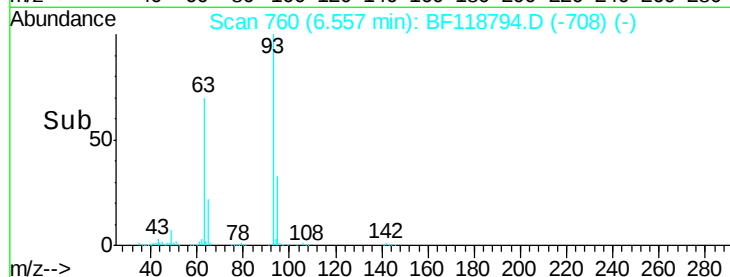
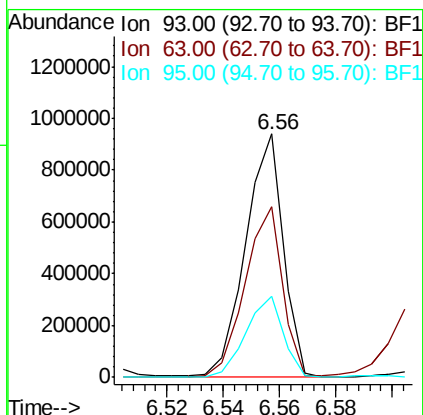
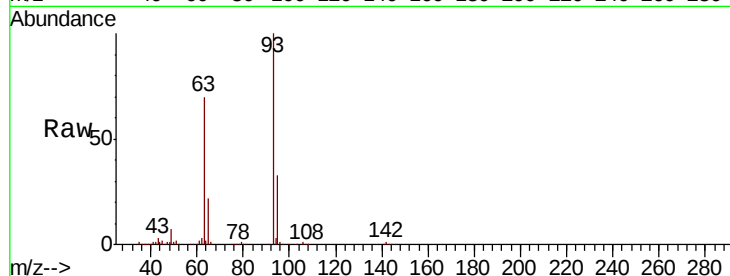




#11
bis(2-Chloroethyl)ether
Concen: 47.929 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

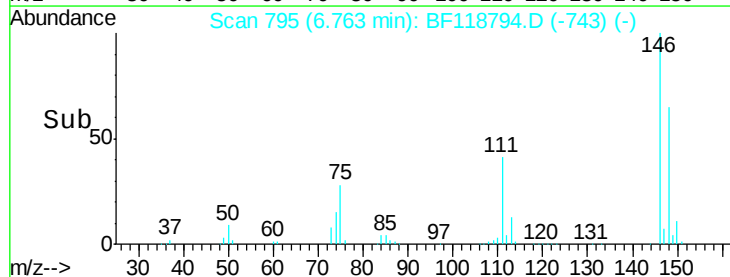
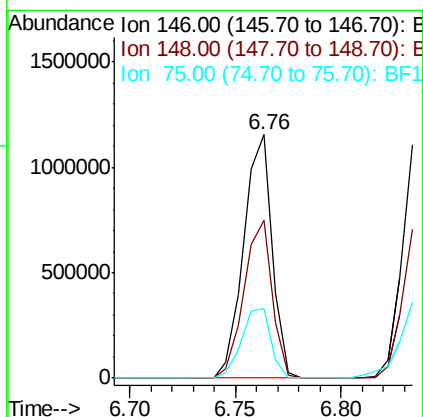
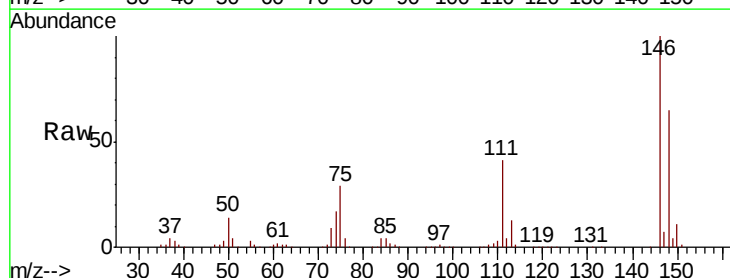
Instrument :
BNA_F
ClientSampleId :

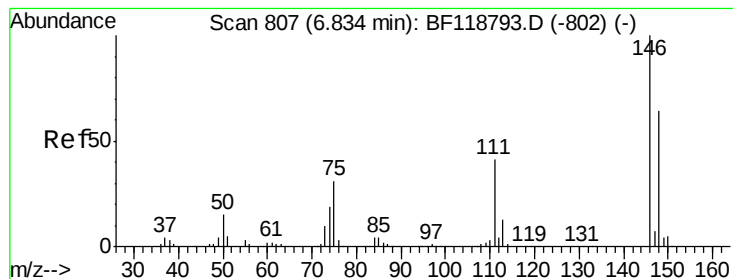
Tot Ion: 93 Resp: 863565
Ion Ratio Lower Upper
93 100
63 69.9 50.7 90.7
95 33.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 50.009 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 146 Resp: 1077152
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
75 28.5 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 49.586 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

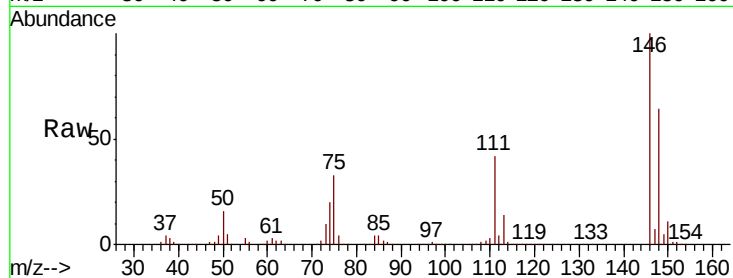
Tot Ion:146 Resp: 1072122

Ion Ratio Lower Upper

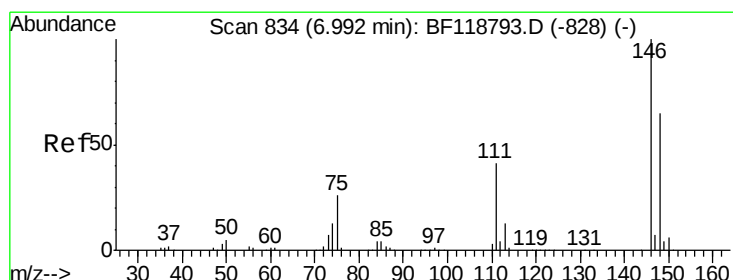
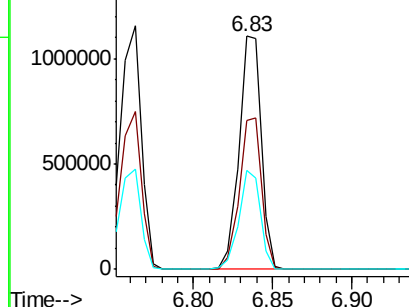
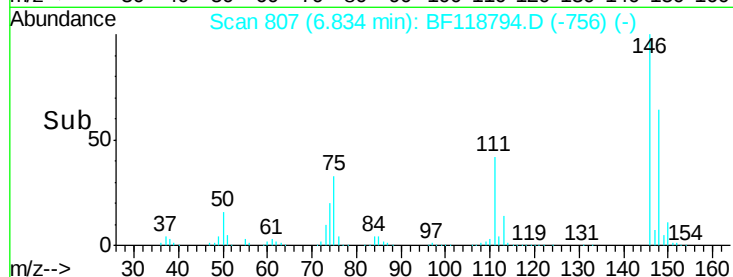
146 100

148 64.2 51.6 77.4

111 42.4 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: 48.362 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

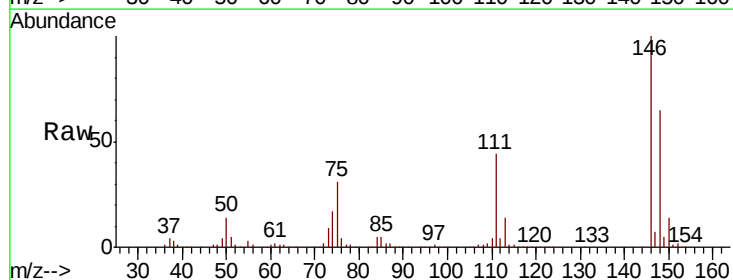
Tgt Ion:146 Resp: 982980

Ion Ratio Lower Upper

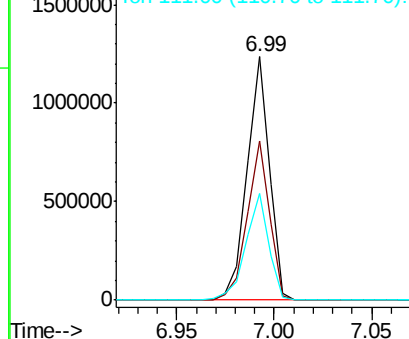
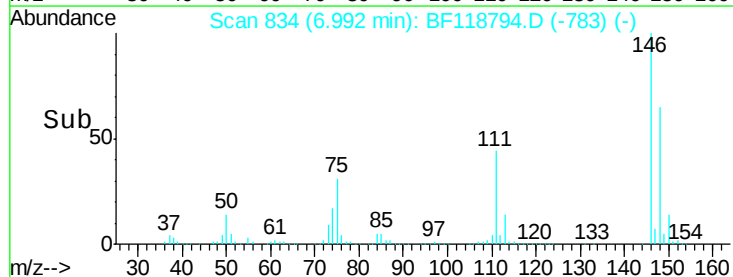
146 100

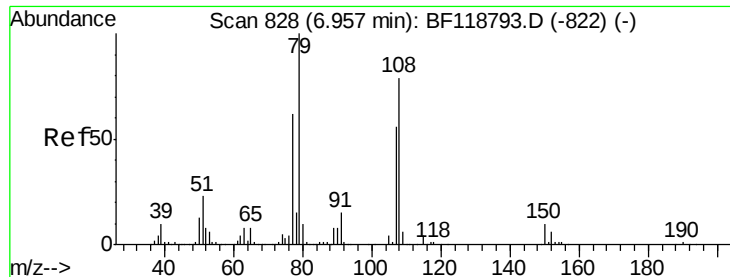
148 65.1 51.6 77.4

111 43.6 32.7 49.1



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





#15

Benzyl Alcohol

Concen: 46.432 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampled :

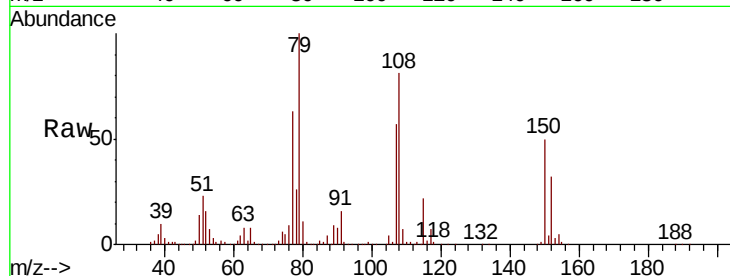
Tot Ion: 79 Resp: 784647

Ion Ratio Lower Upper

79 100

108 80.8 62.9 94.3

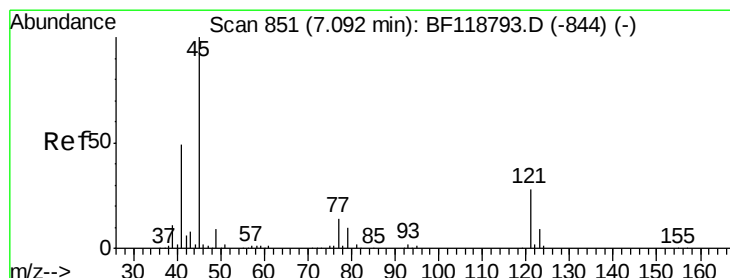
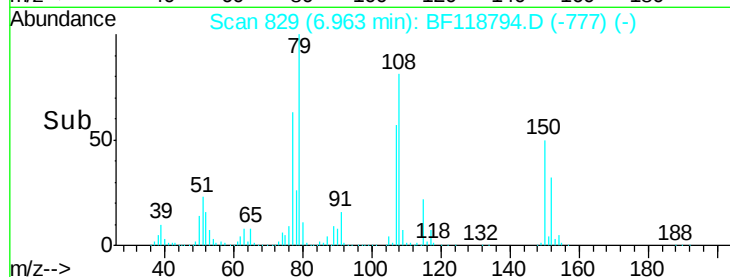
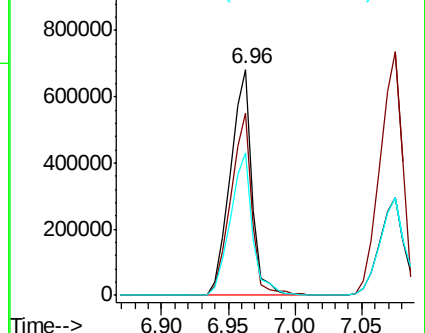
77 63.0 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.636 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

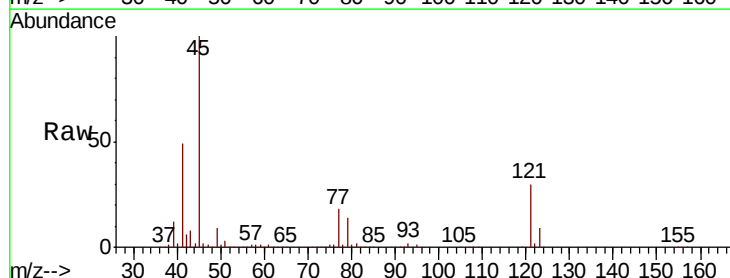
Tgt Ion: 45 Resp: 1044928

Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.1

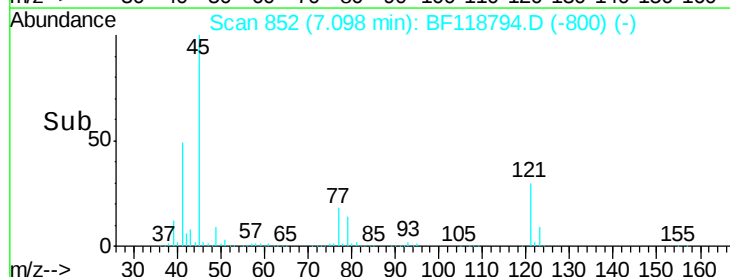
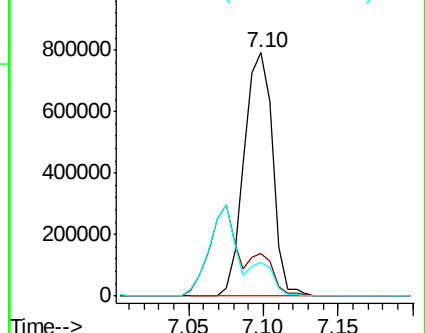
79 13.6 0.0 33.1

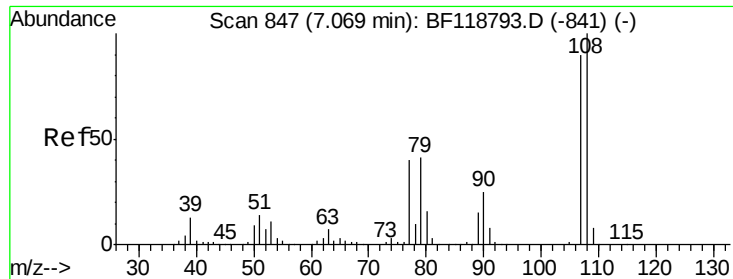


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

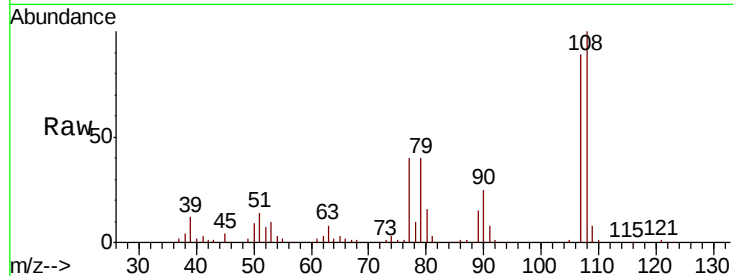




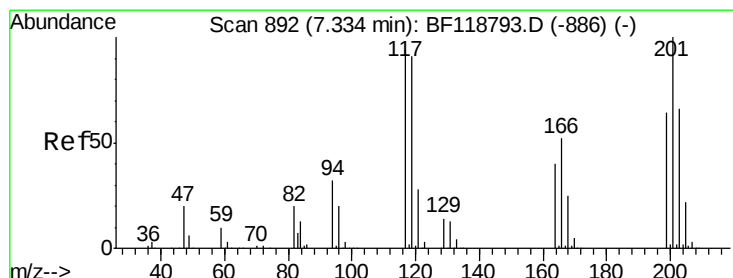
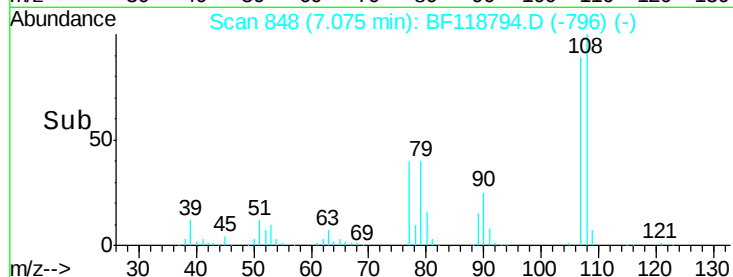
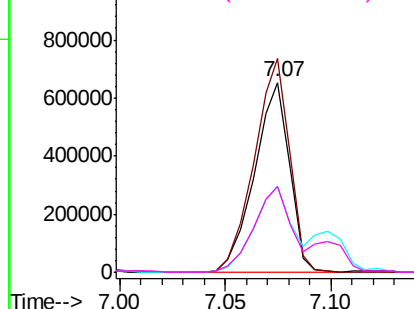
#17
2-Methylphenol
Concen: 48.923 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 749919
Ion Ratio Lower Upper
107 100
108 112.5 89.3 133.9
77 45.4 36.2 54.2
79 45.1 36.3 54.5

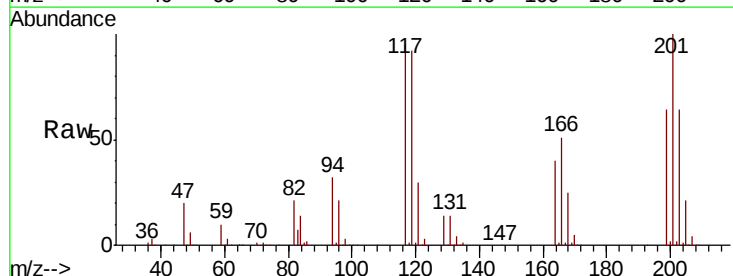


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

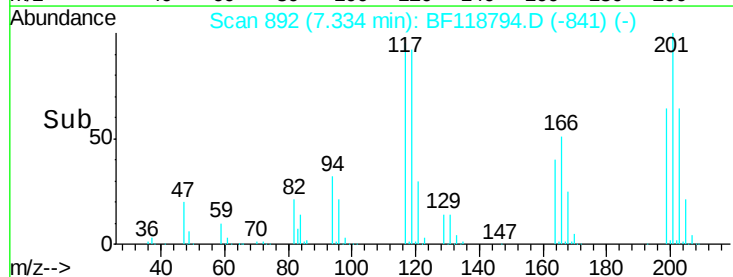
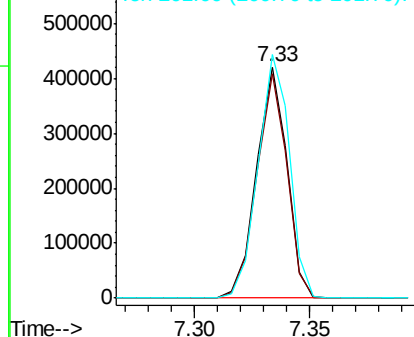


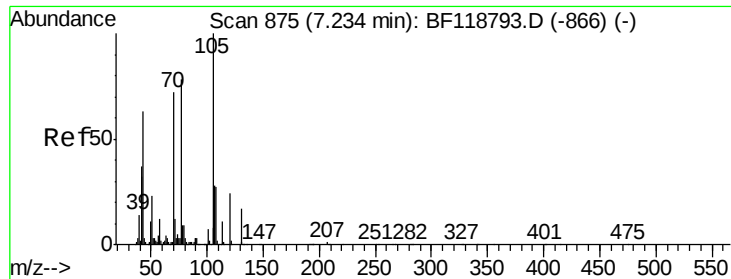
#18
Hexachloroethane
Concen: 49.517 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:117 Resp: 388220
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
201 105.3 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

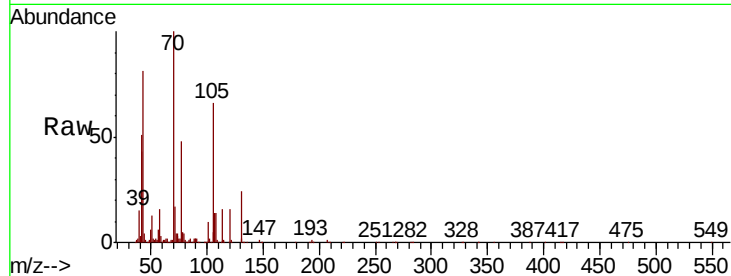




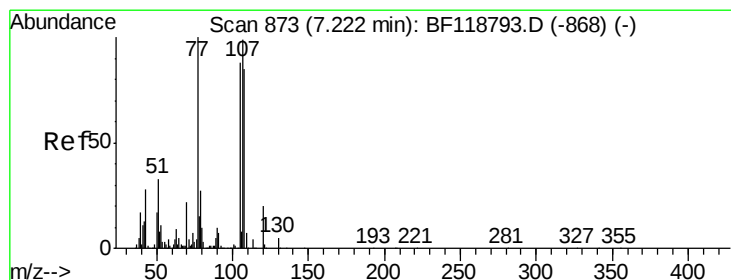
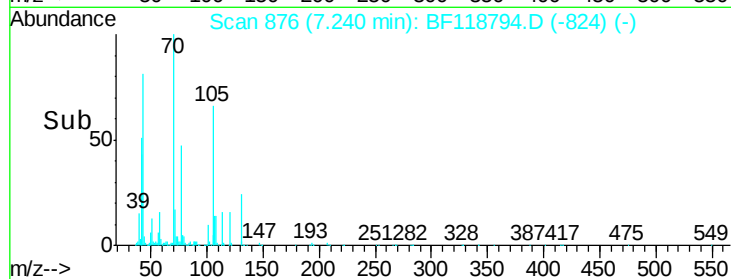
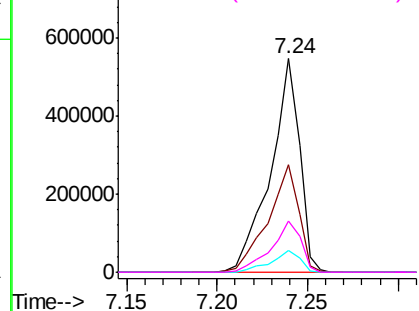
#19
n-Nitroso-di-n-propylamine
Concen: 42.401 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	610092
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.5	62.3
101	10.2	8.3	12.5
130	24.0	19.2	28.8

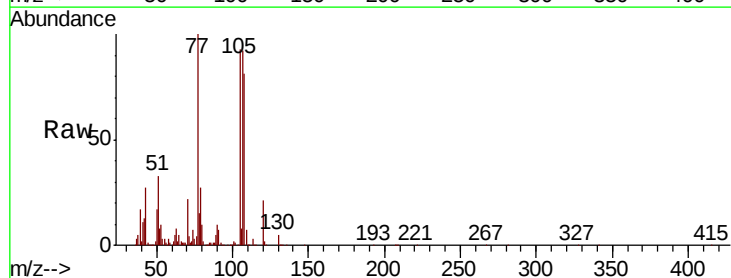


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

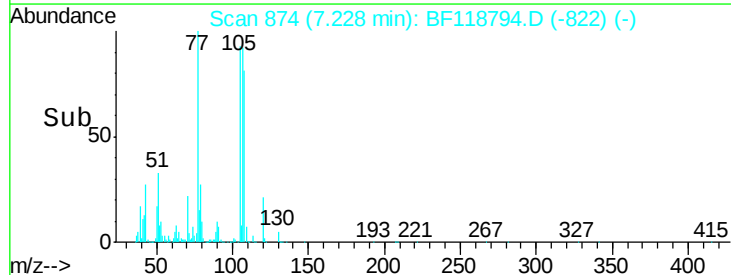
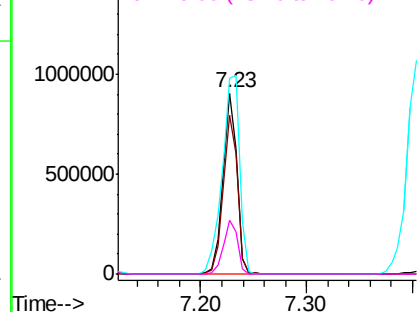


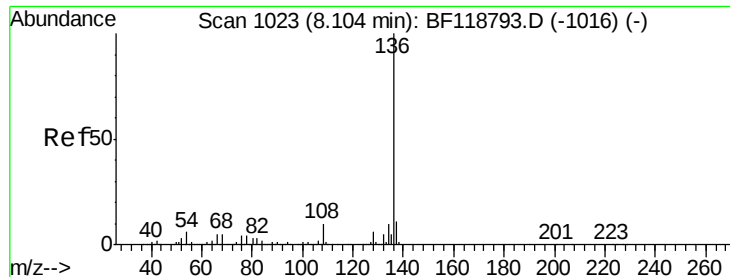
#20
3+4-Methylphenols
Concen: 45.888 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:	107	Resp:	858789
Ion	Ratio	Lower	Upper
107	100		
108	88.0	65.9	105.9
77	108.7	80.9	120.9
79	29.8	7.5	47.5



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

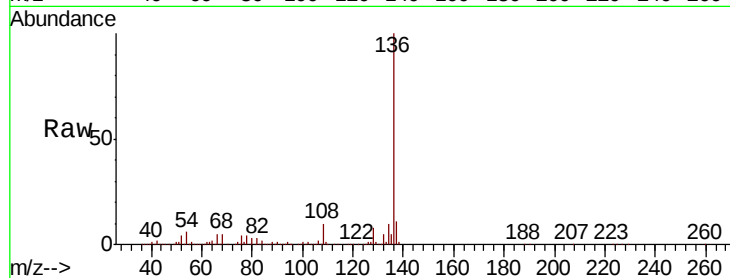




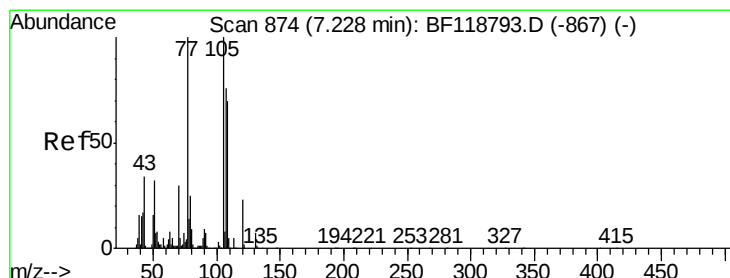
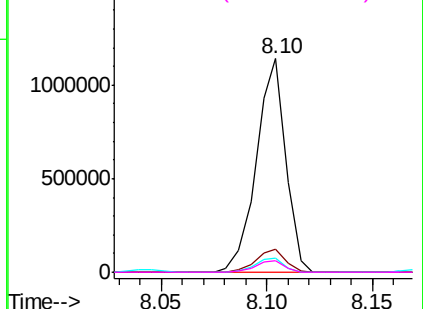
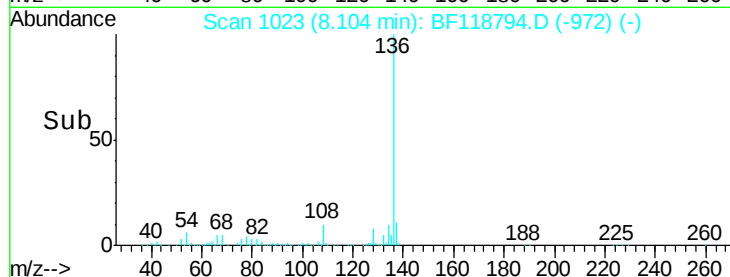
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1103605
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 6.4	5.0 7.6
68 5.5	4.2 6.4

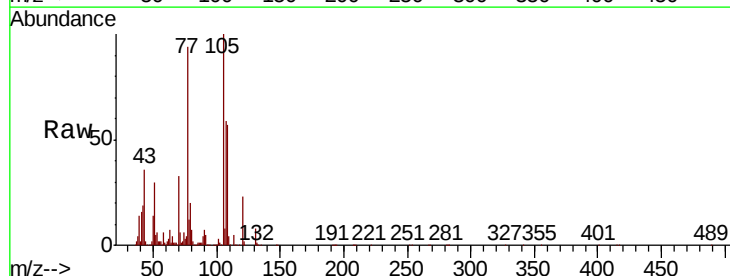


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

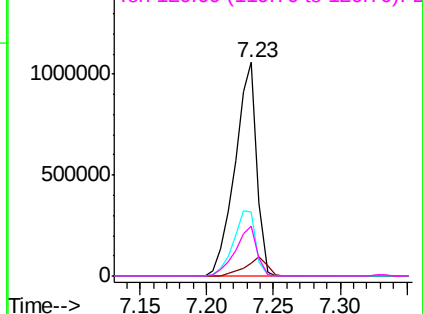
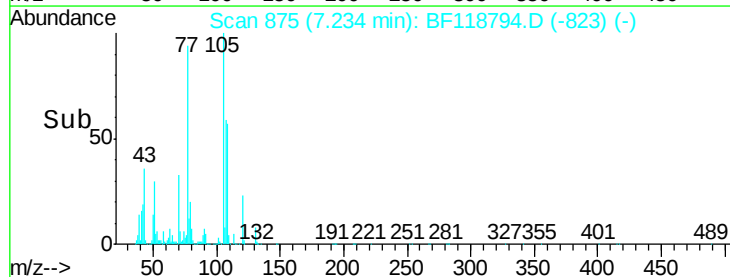


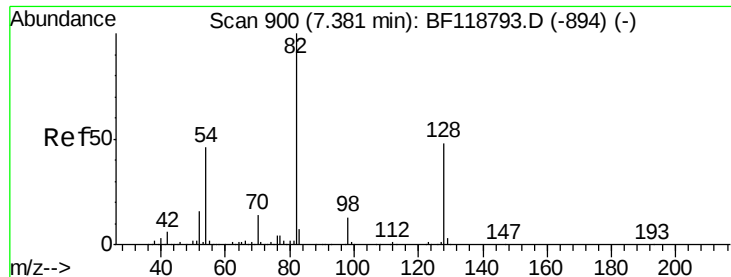
#22
Acetophenone
Concen: 46.020 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt	Ion:105	Resp:	1203113
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.2	6.4
51	30.0	25.5	38.3
120	23.4	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

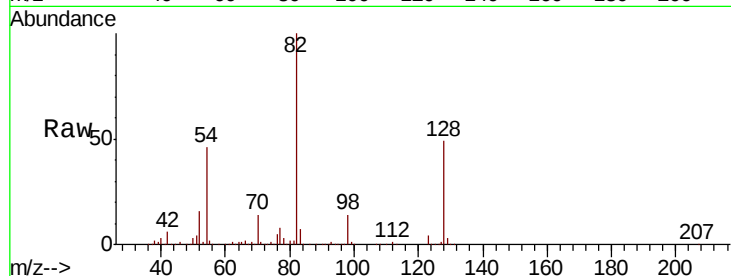




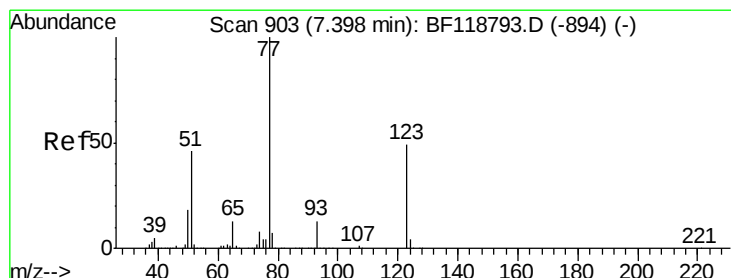
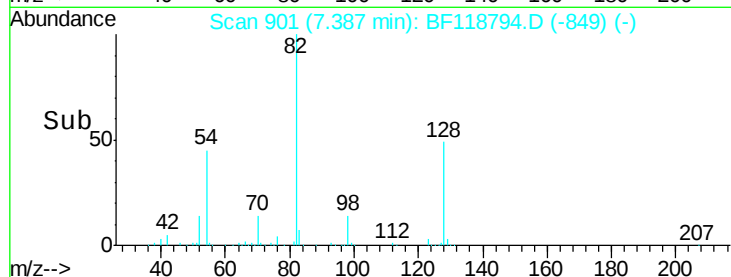
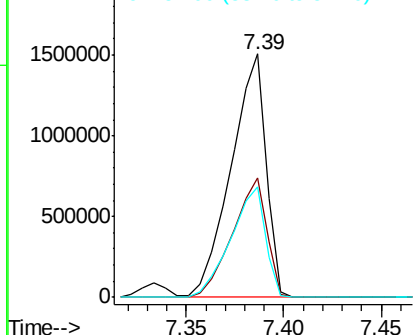
#23
Nitrobenzene-d5
Concen: 94.483 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1864203
Ion Ratio Lower Upper
82 100
128 48.9 38.5 57.7
54 45.5 36.7 55.1

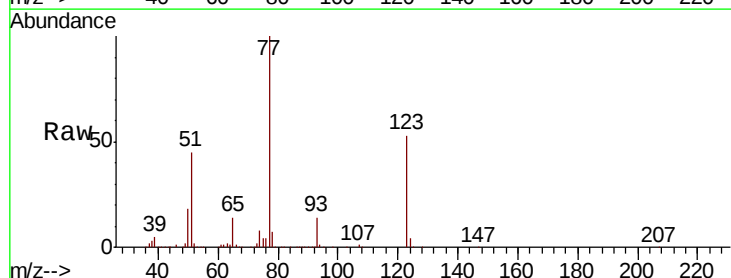


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

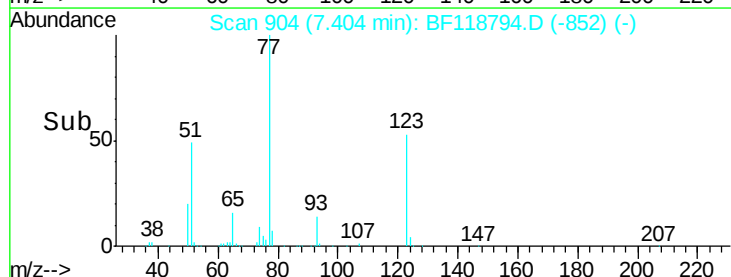
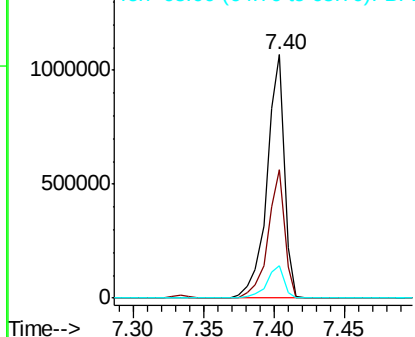


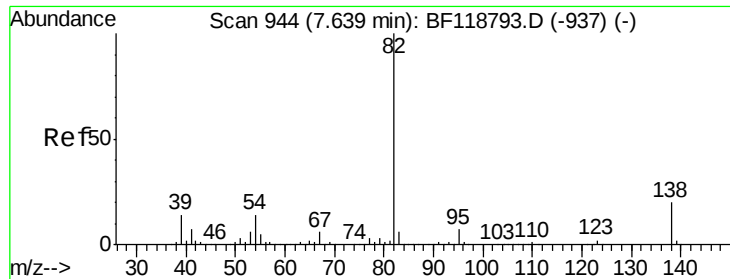
#24
Nitrobenzene
Concen: 46.306 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 77 Resp: 935500
Ion Ratio Lower Upper
77 100
123 53.0 39.0 58.4
65 13.6 10.6 15.8



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





#25

Isophorone

Concen: 46.420 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

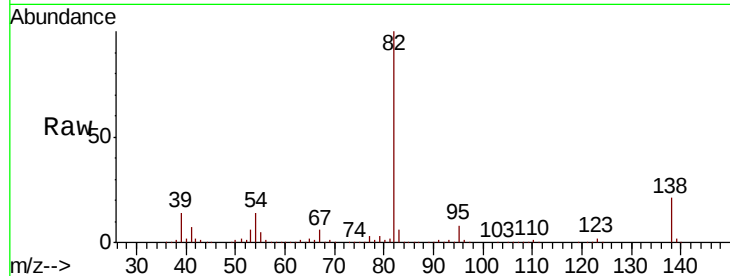
Tot Ion: 82 Resp: 1670549

Ion Ratio Lower Upper

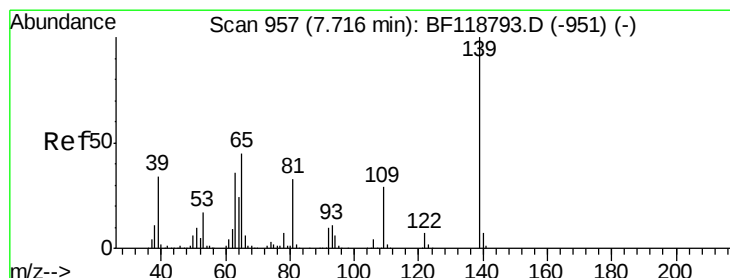
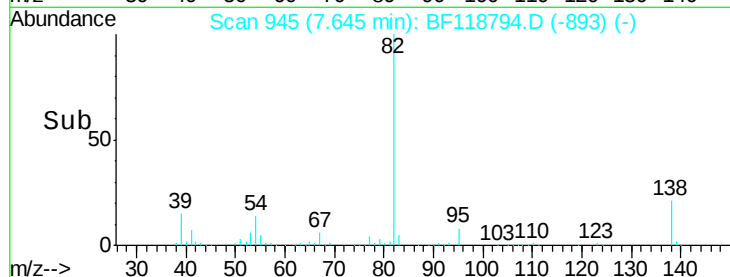
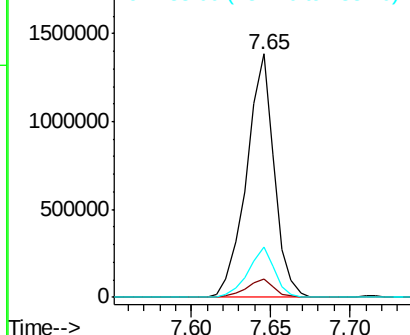
82 100

95 7.5 6.0 9.0

138 20.6 15.7 23.5



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



#26

2-Nitrophenol

Concen: 59.418 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

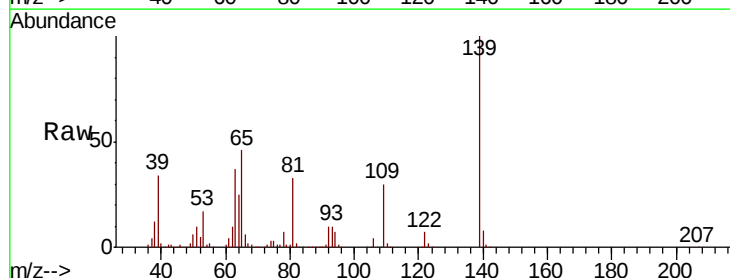
Tgt Ion: 139 Resp: 511904

Ion Ratio Lower Upper

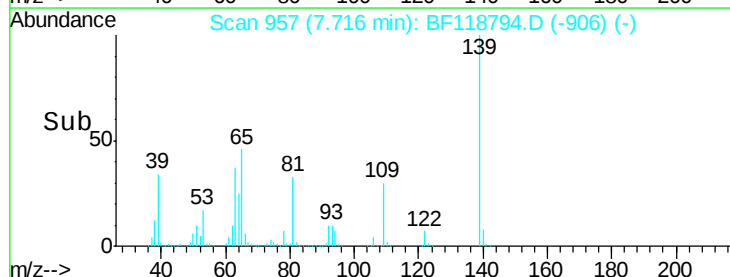
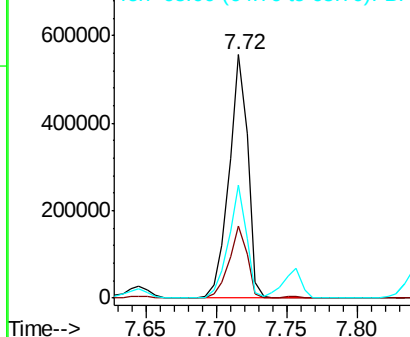
139 100

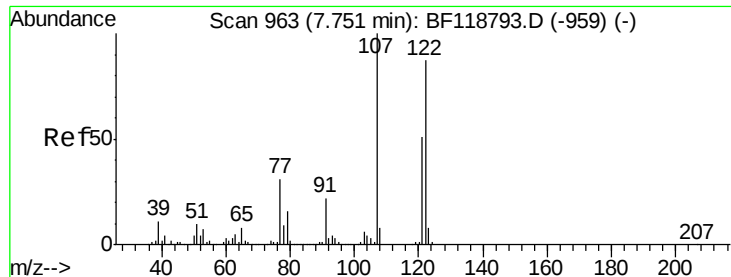
109 29.7 23.4 35.0

65 46.3 36.2 54.2



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





#27

2,4-Dimethylphenol

Concen: 45.889 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

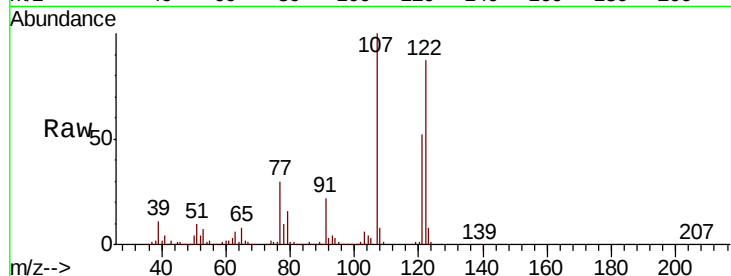
Tot Ion:122 Resp: 682682

Ion Ratio Lower Upper

122 100

107 114.6 92.2 138.2

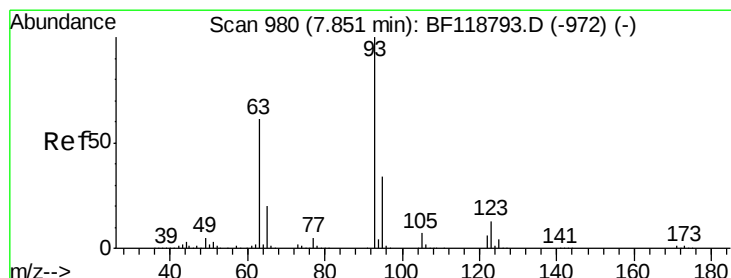
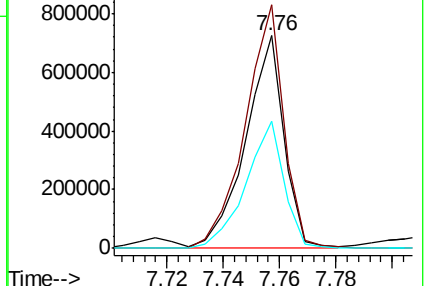
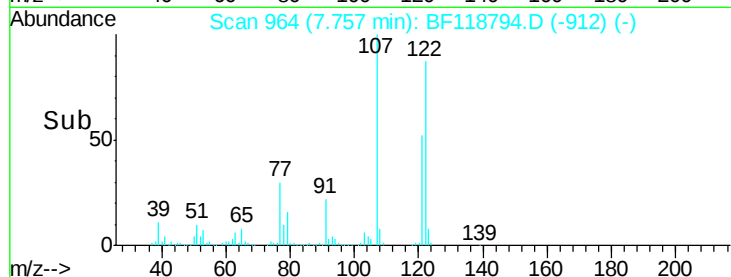
121 59.7 46.8 70.2



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: 47.118 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

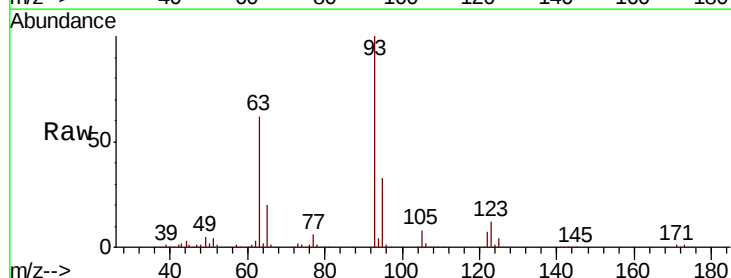
Tgt Ion: 93 Resp: 1092587

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

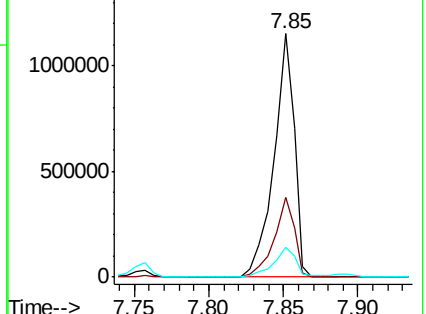
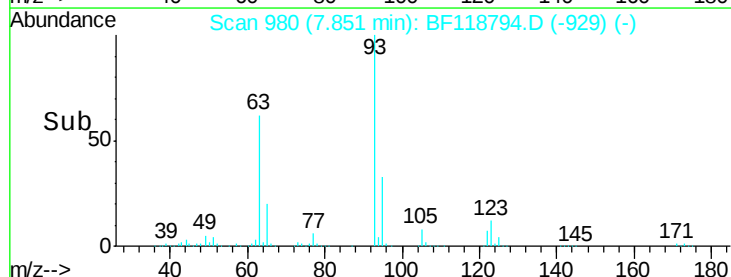
123 12.4 10.6 15.8

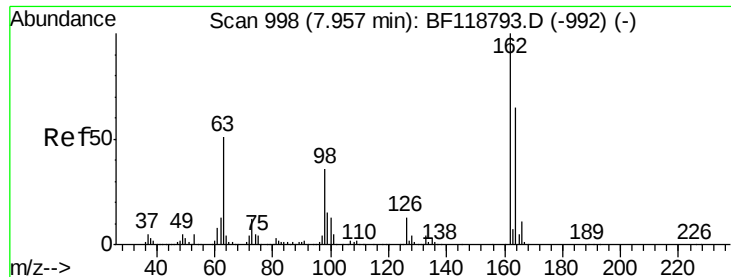


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

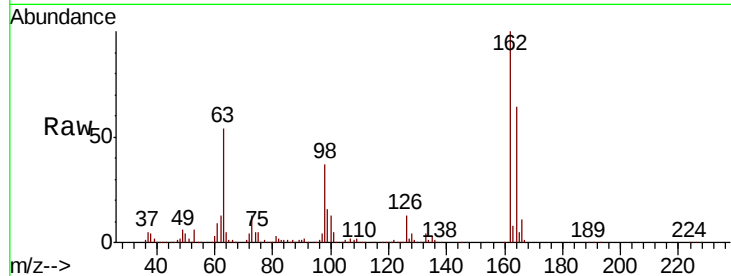




#29
2,4-Dichlorophenol
Concen: 49.729 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.8	84.8
98	37.4	16.4	56.4

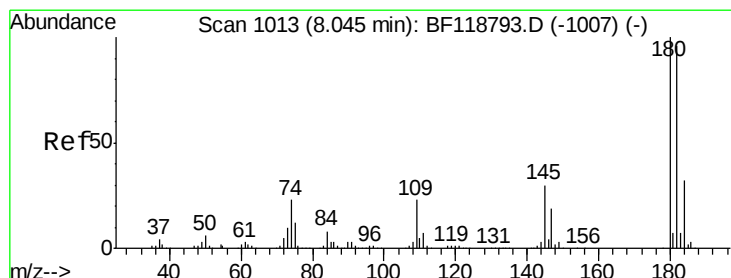
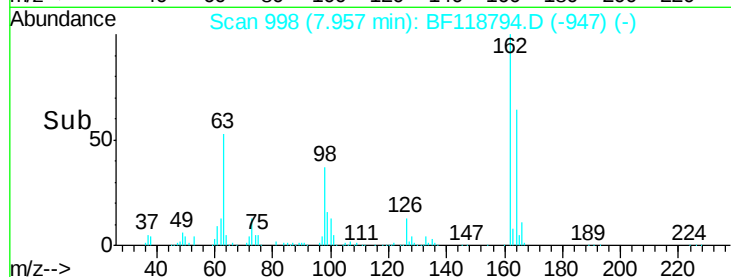
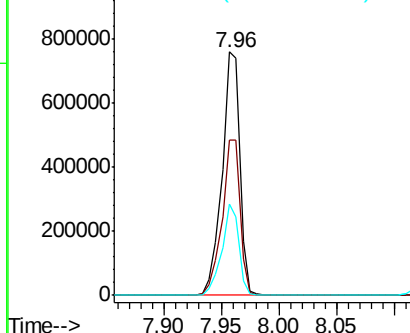


Abundance

Ion 162.00 (161.70 to 162.70): E

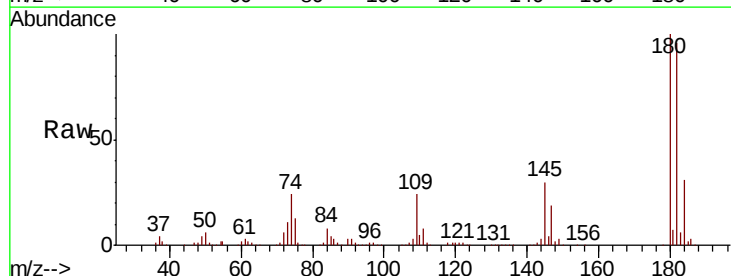
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 49.524 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	115.0
145	30.0	24.0	36.0

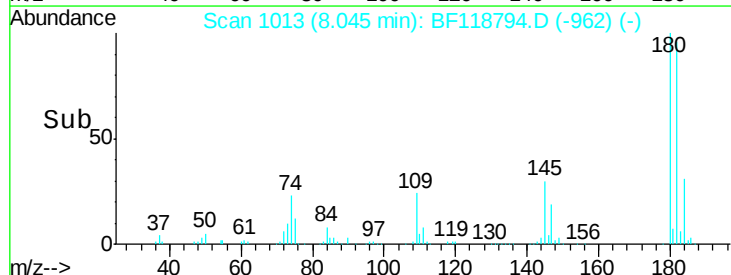
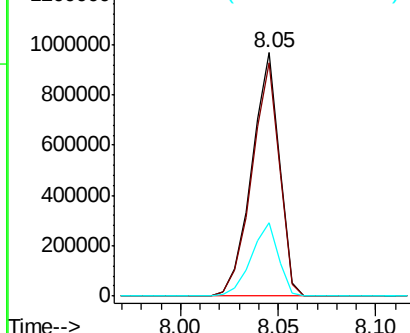


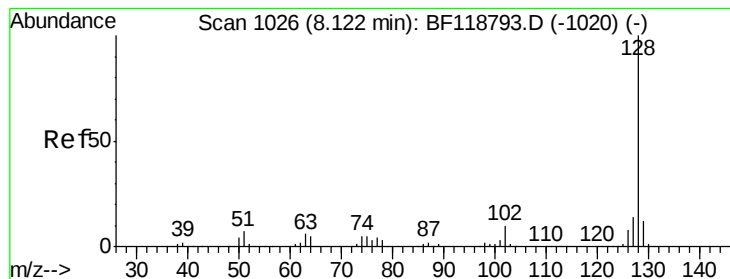
Abundance

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





#31

Naphthalene

Concen: 50.703 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

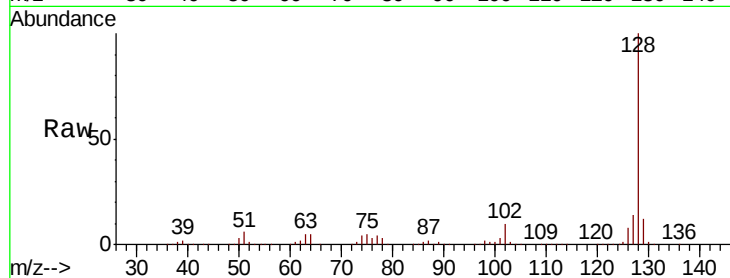
Tot Ion:128 Resp: 2527754

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

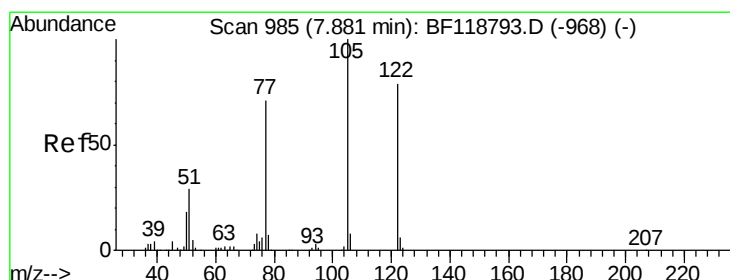
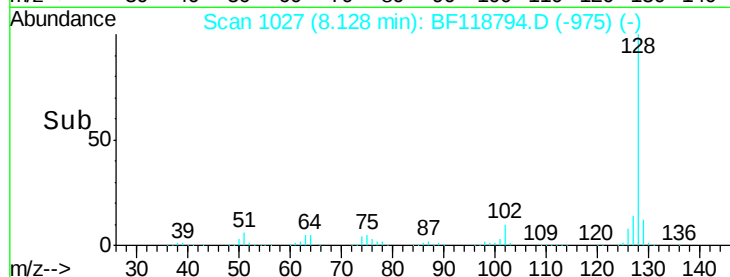
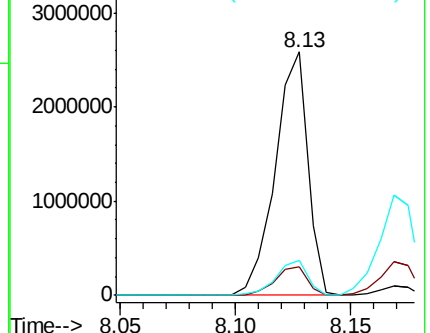
127 14.5 11.3 16.9



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: 55.470 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

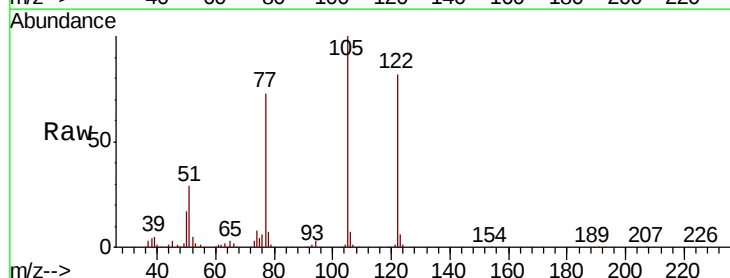
Tgt Ion:122 Resp: 619328

Ion Ratio Lower Upper

122 100

105 121.2 104.4 144.4

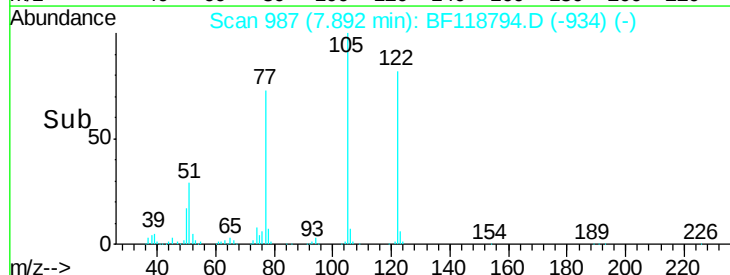
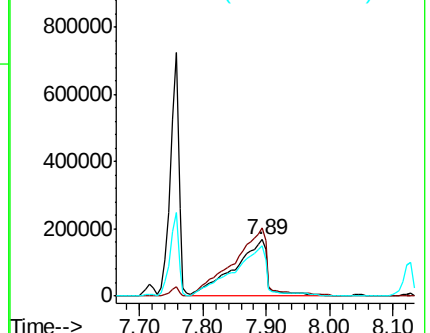
77 89.0 69.3 109.3

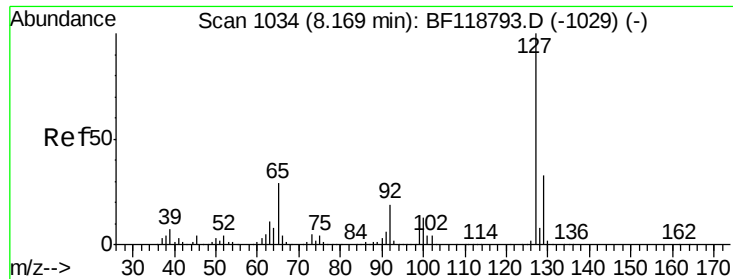


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

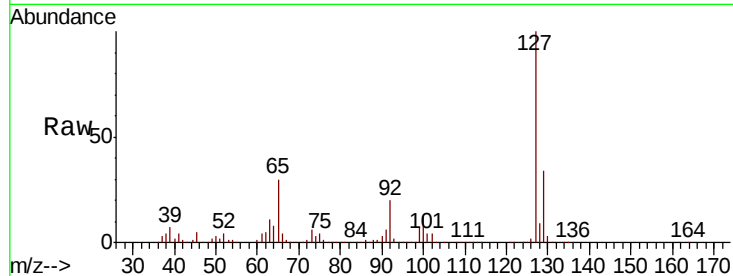




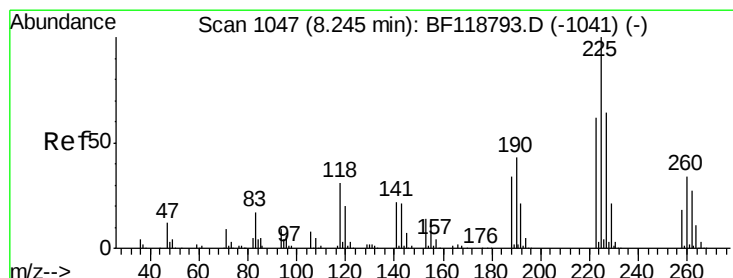
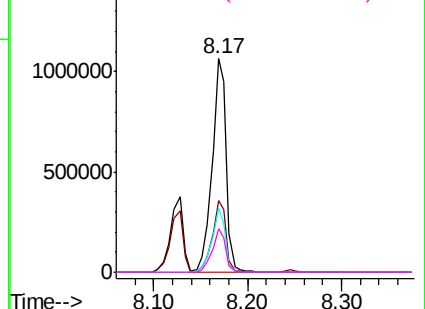
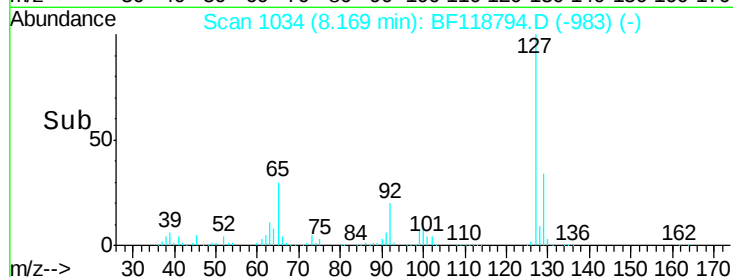
#33
4-Chloroaniline
Concen: 49.098 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1131341
Ion Ratio Lower Upper
127 100
129 33.6 26.7 40.1
65 30.2 22.9 34.3
92 20.1 15.4 23.0

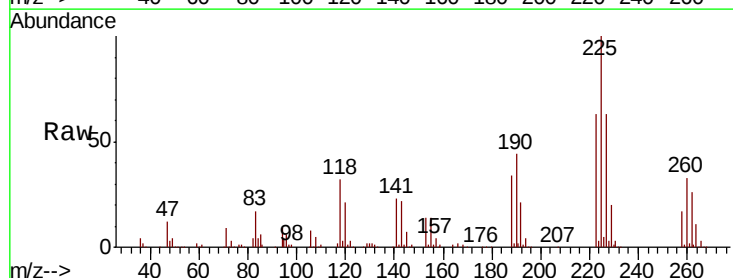


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

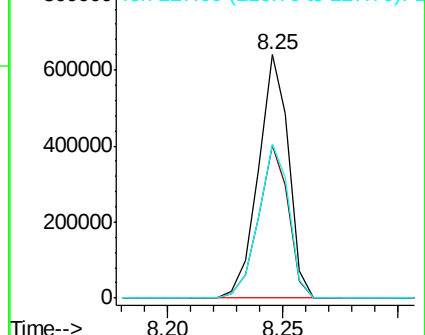
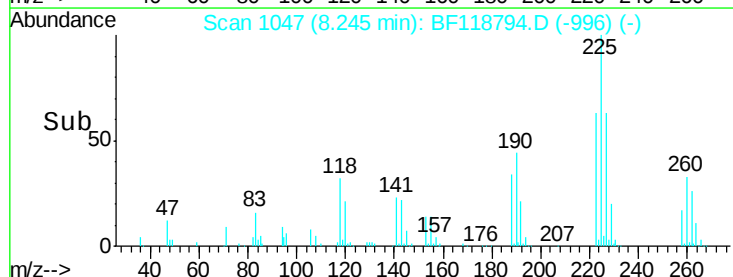


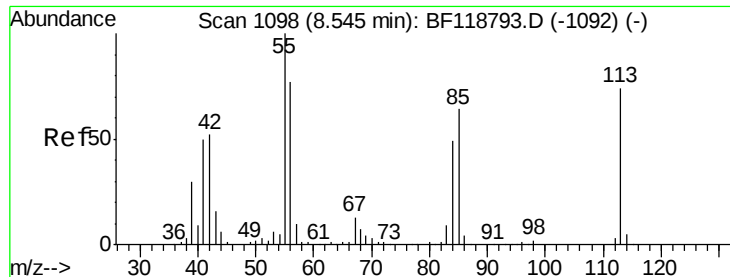
#34
Hexachlorobutadiene
Concen: 50.225 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:225 Resp: 583227
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 63.4 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

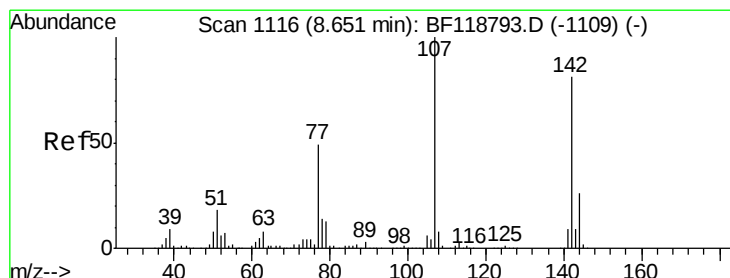
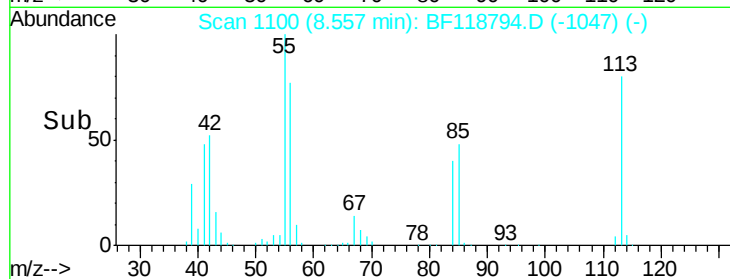
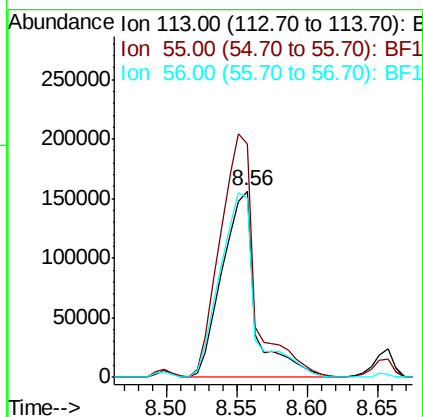
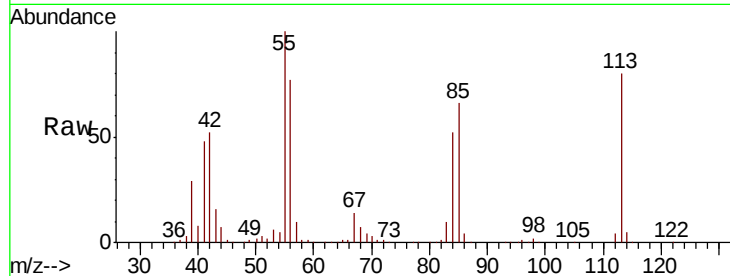




#35
Caprolactam
Concen: 48.295 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

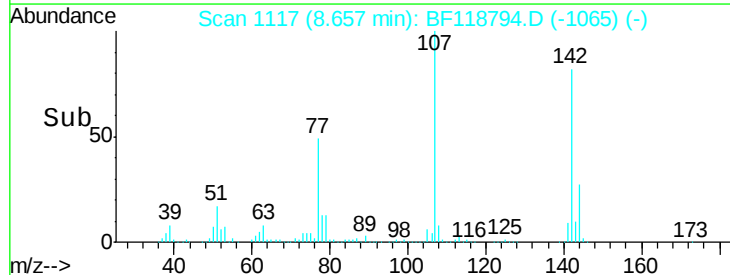
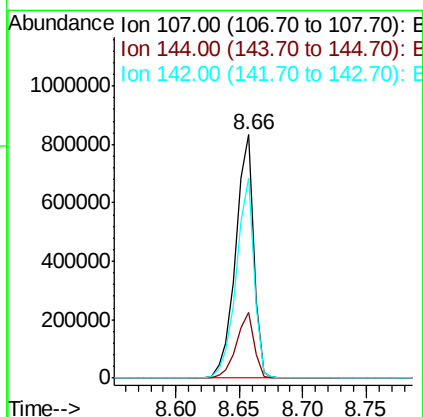
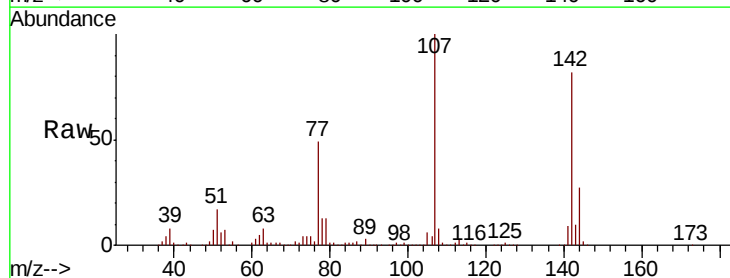
Instrument :
BNA_F
ClientSampleId :

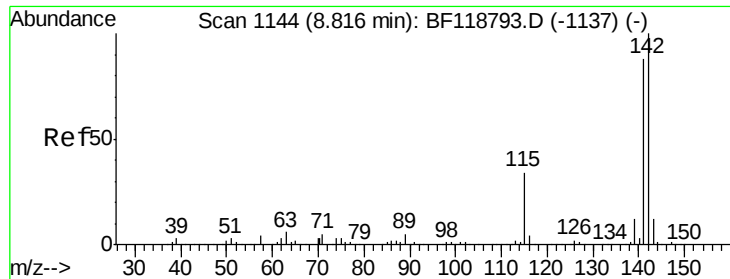
Tot Ion:113 Resp: 259918
Ion Ratio Lower Upper
113 100
55 125.3 115.5 155.5
56 96.6 83.7 123.7



#36
4-Chloro-3-methylphenol
Concen: 50.318 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:107 Resp: 817178
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 82.0 64.8 97.2

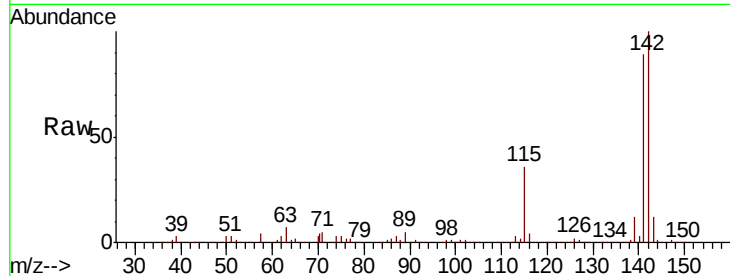




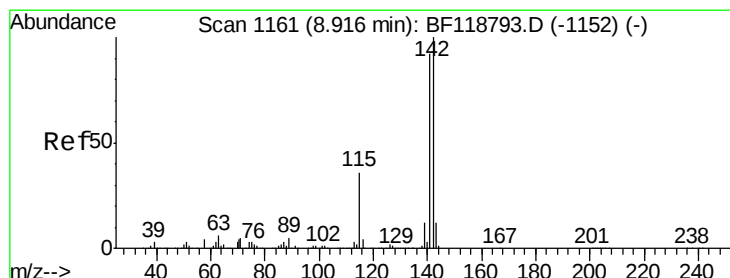
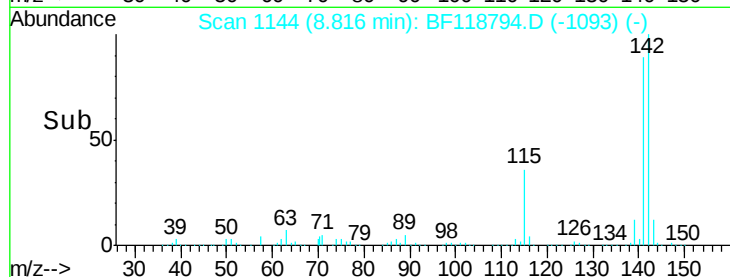
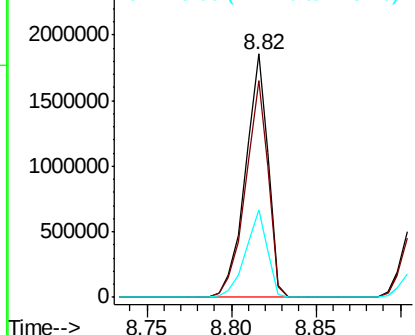
#37
2-Methylnaphthalene
Concen: 49.549 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1743621
Ion Ratio Lower Upper
142 100
141 89.2 70.1 105.1
115 35.9 27.3 40.9

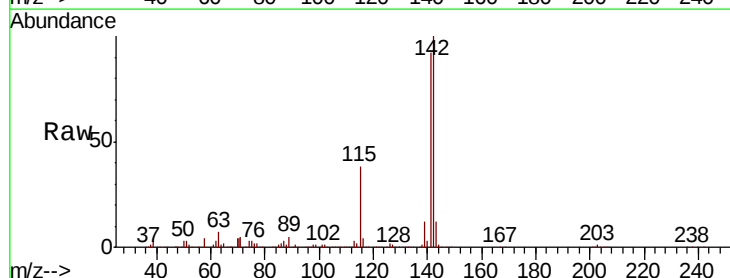


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

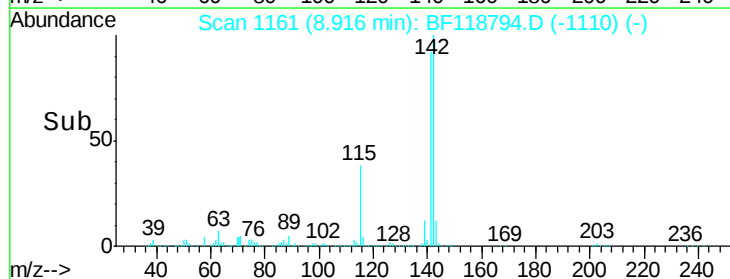
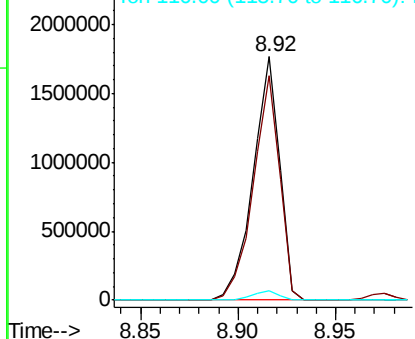


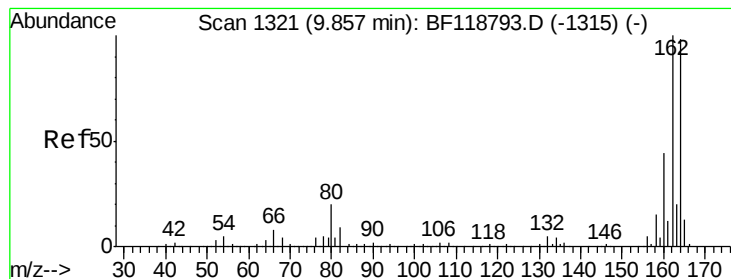
#38
1-Methylnaphthalene
Concen: 49.535 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:142 Resp: 1656045
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6
116 4.0 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

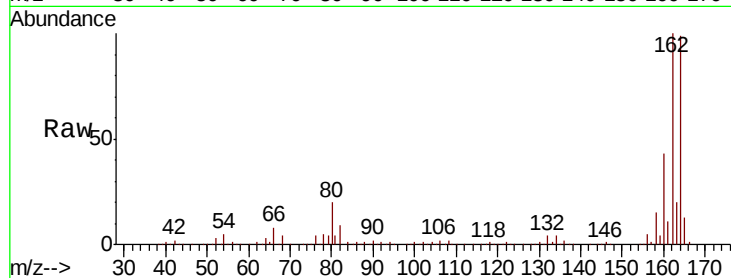
Tot Ion:164 Resp: 621994

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.2

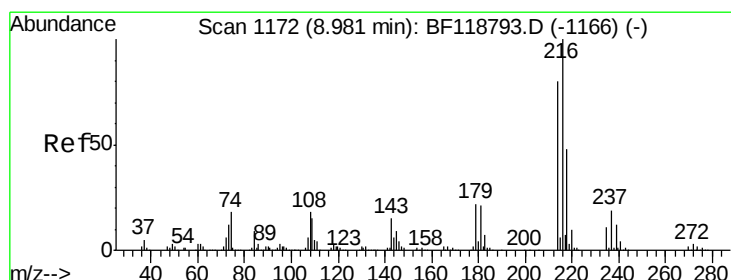
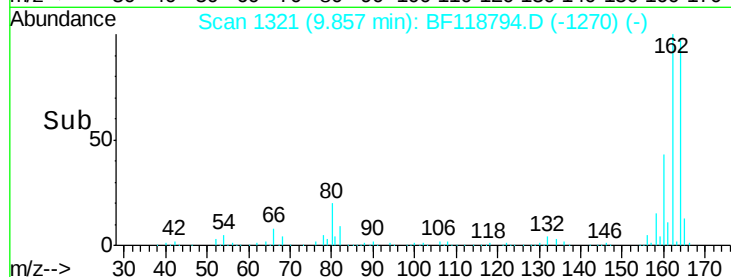
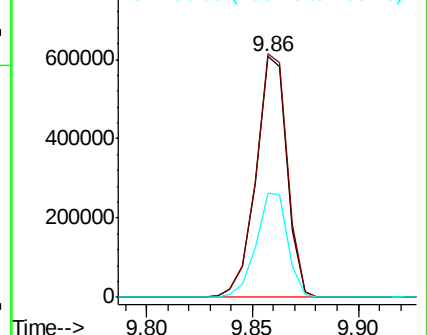
160 43.4 35.6 53.4



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: 48.408 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Tgt Ion:216 Resp: 942107

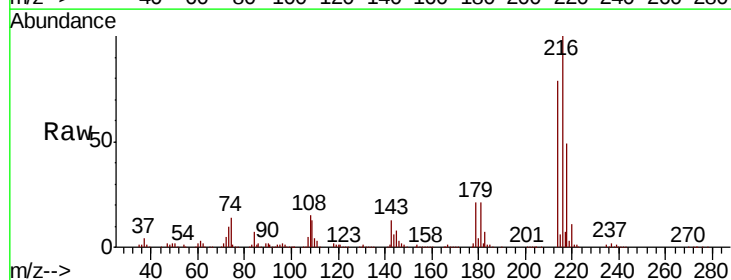
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.3 17.0 25.6

108 17.0 13.5 20.3

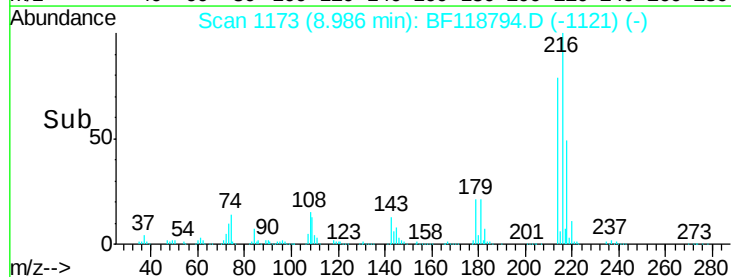
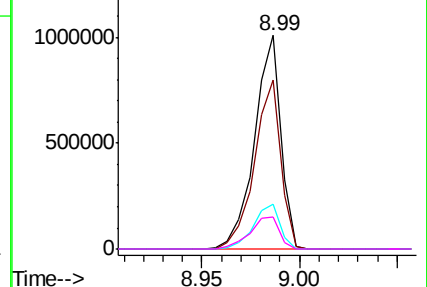


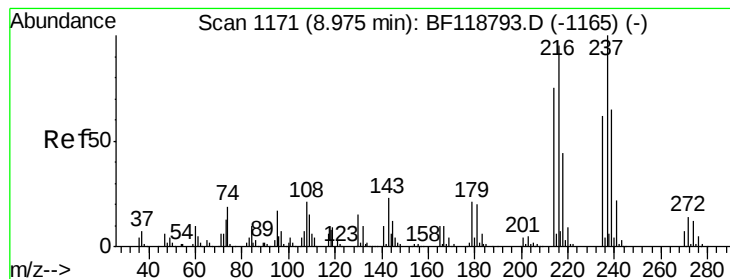
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.696 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

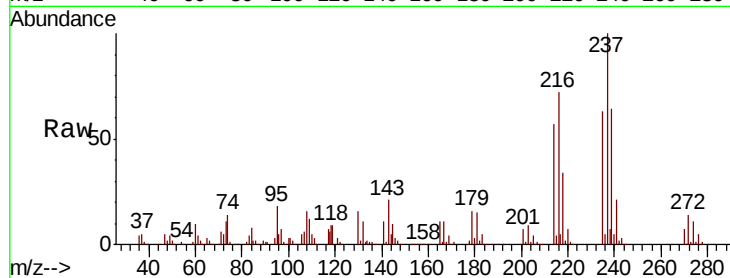
Tot Ion:237 Resp: 399603

Ion Ratio Lower Upper

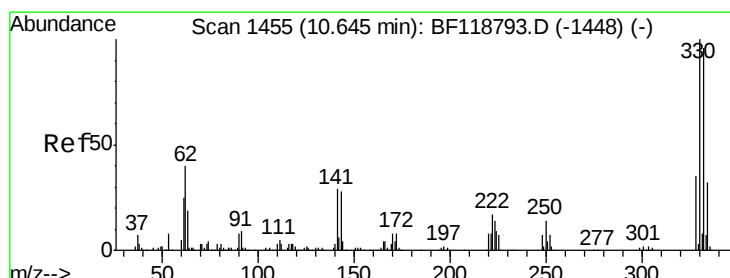
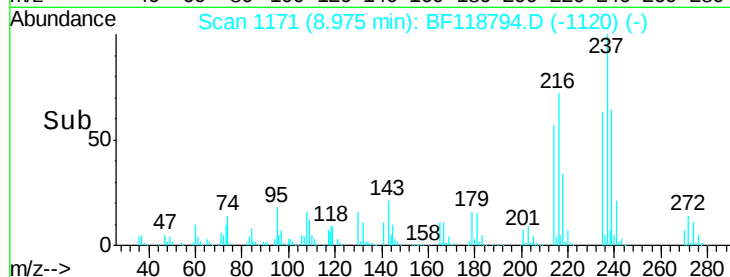
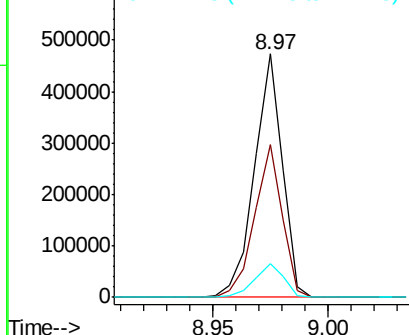
237 100

235 62.9 42.1 82.1

272 13.8 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: 104.772 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

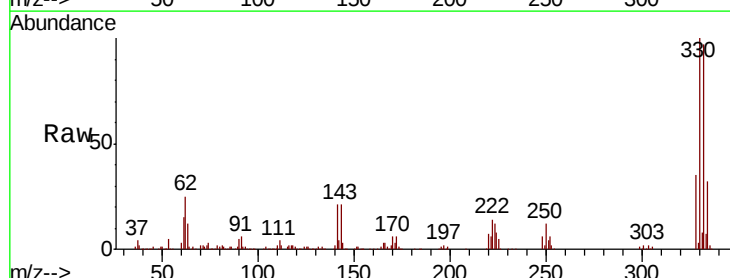
Tgt Ion:330 Resp: 753743

Ion Ratio Lower Upper

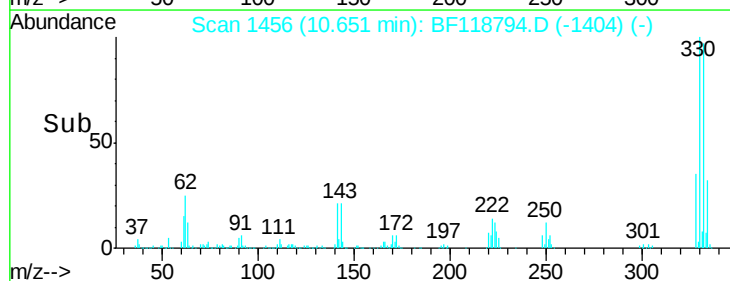
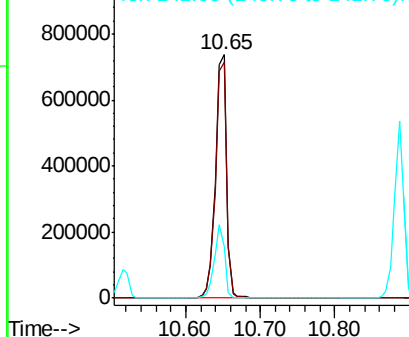
330 100

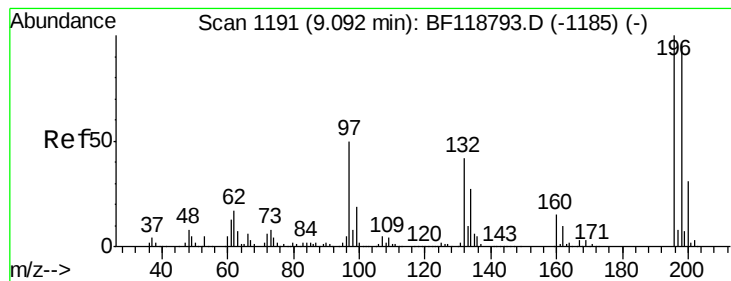
332 96.7 77.3 115.9

141 28.1 22.4 33.6



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





#43

2,4,6-Trichlorophenol

Concen: 49.649 ng

RT: 9.09 min Scan# 1191

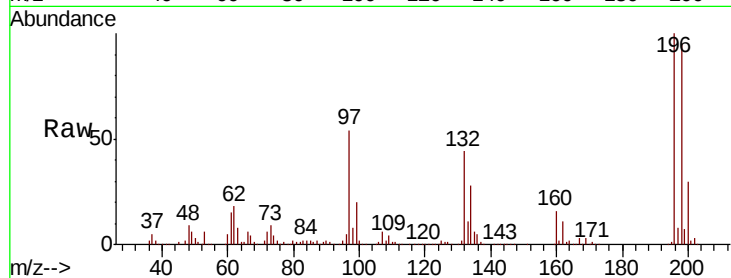
Delta R.T. 0.00 min

Lab File: BF118794.D

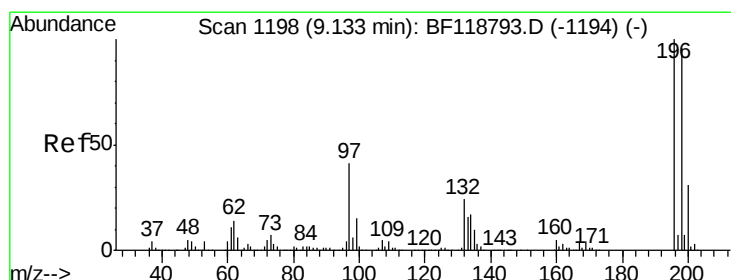
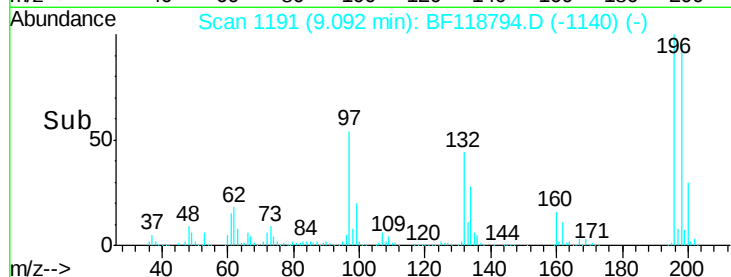
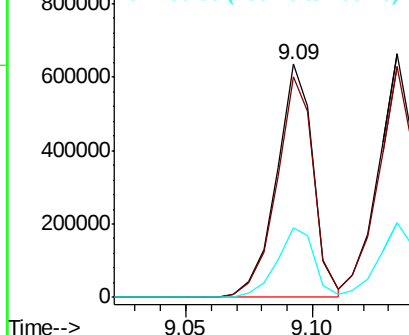
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:196	Resp:	641187
Ion	Ratio	Lower Upper
196	100	
198	94.7	76.7 115.1
200	30.0	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: 49.253 ng

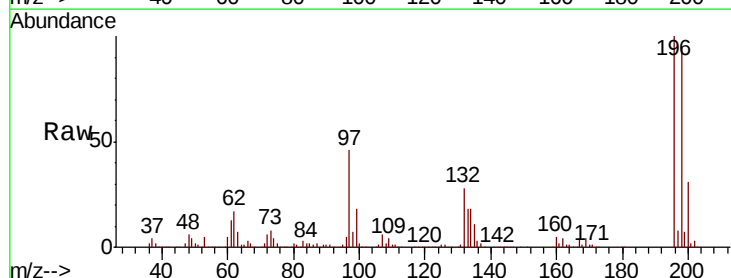
RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

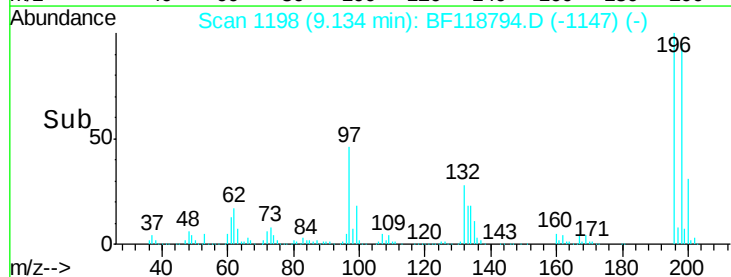
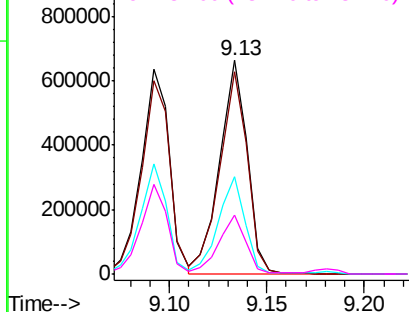
Lab File: BF118794.D

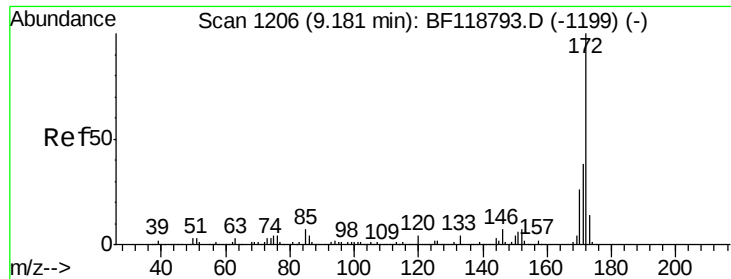
Acq: 3 Feb 2020 12:44

Tgt Ion:196	Resp:	649623
Ion	Ratio	Lower Upper
196	100	
198	94.7	77.0 115.4
97	45.8	32.9 49.3
132	27.7	19.9 29.9



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

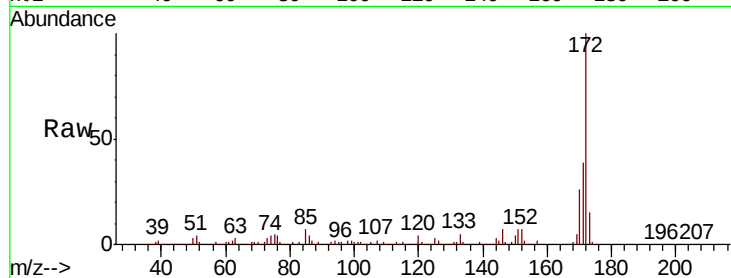




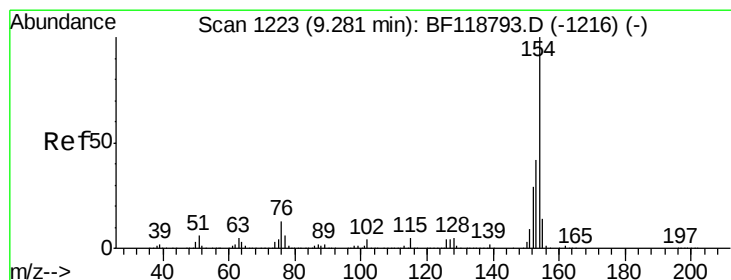
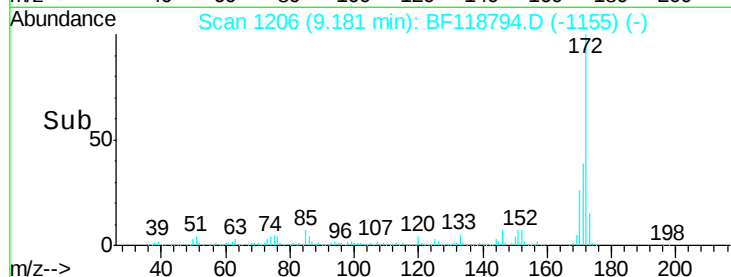
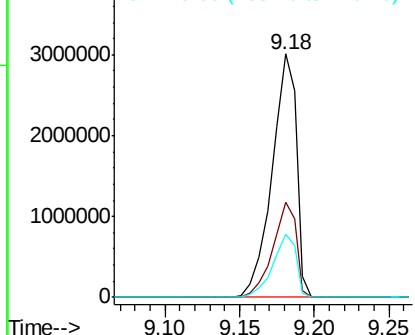
#45
2-Fluorobiphenyl
Concen: 90.571 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3427469
Ion Ratio Lower Upper
172 100
171 39.3 30.8 46.2
170 26.0 20.5 30.7

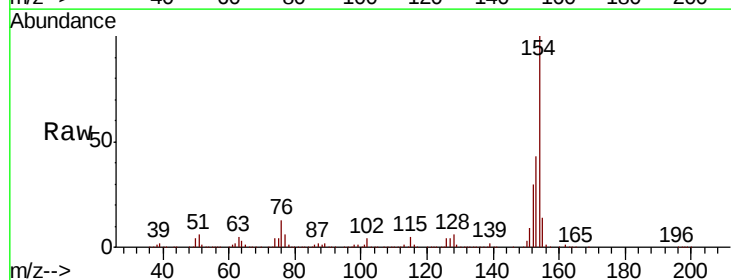


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

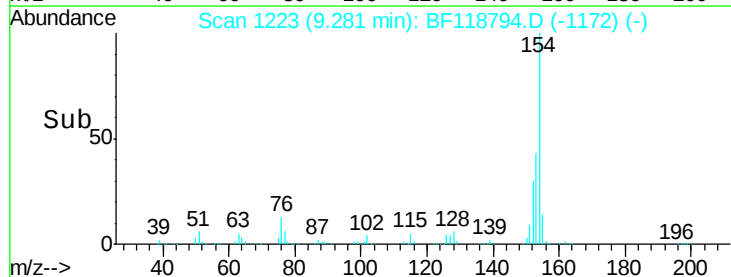
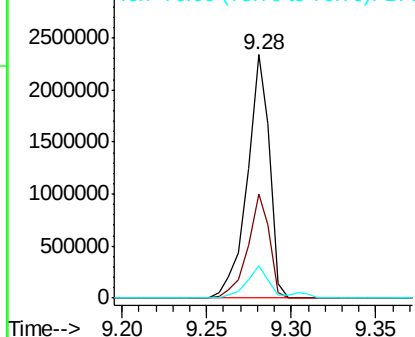


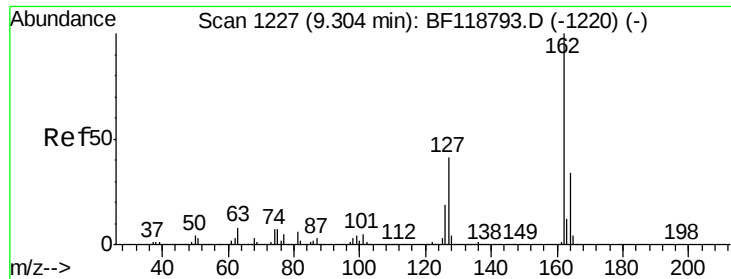
#46
1,1'-Biphenyl
Concen: 50.119 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:154 Resp: 2148476
Ion Ratio Lower Upper
154 100
153 43.0 22.4 62.4
76 13.1 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

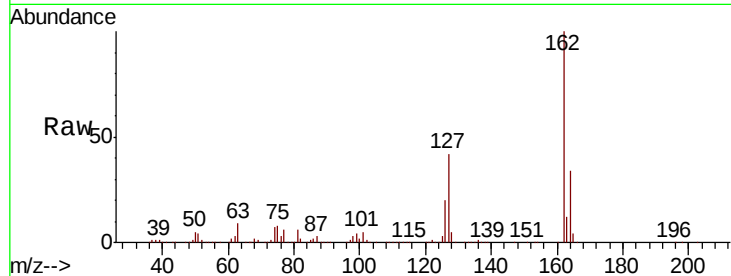




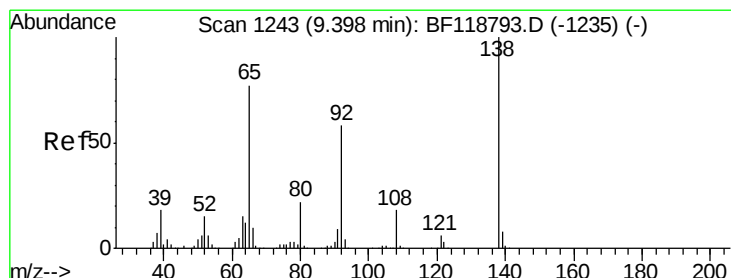
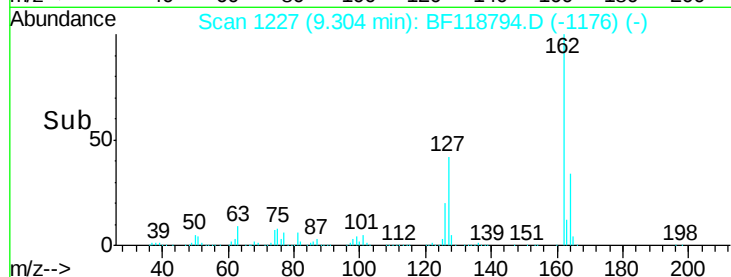
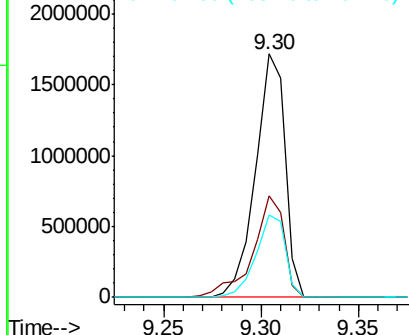
#47
2-Chloronaphthalene
Concen: 50.053 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1808529
Ion Ratio Lower Upper
162 100
127 41.9 33.3 49.9
164 33.7 27.1 40.7

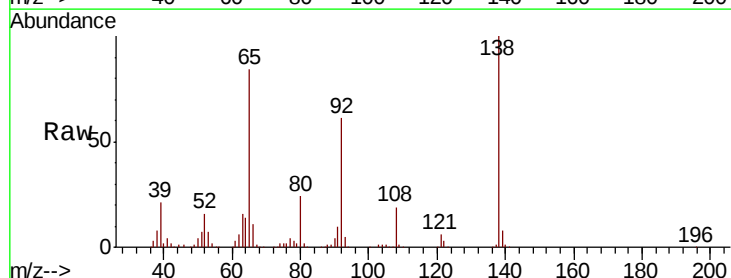


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

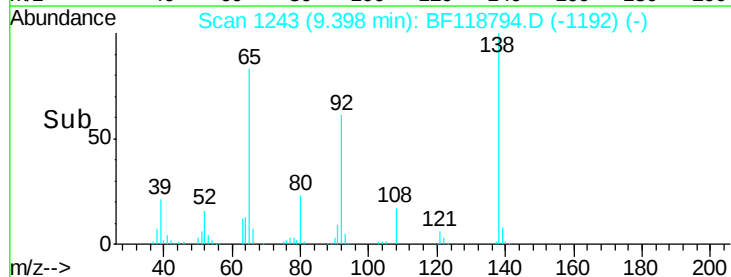
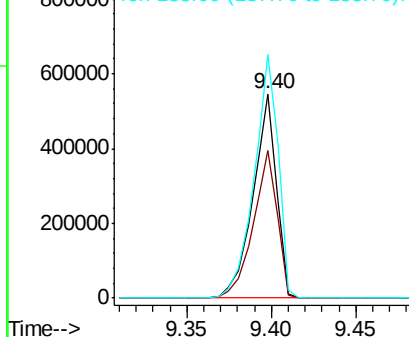


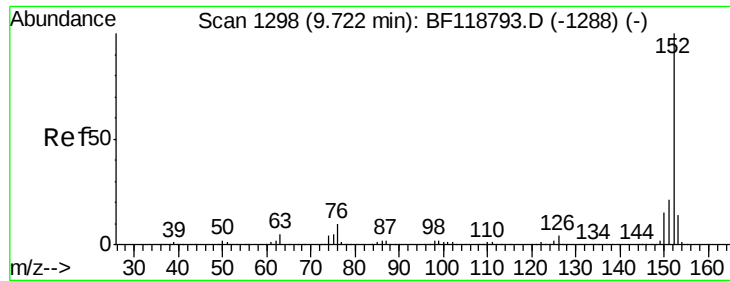
#48
2-Nitroaniline
Concen: 47.633 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 65 Resp: 529060
Ion Ratio Lower Upper
65 100
92 72.4 60.6 91.0
138 119.3 104.6 156.8



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: 51.004 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

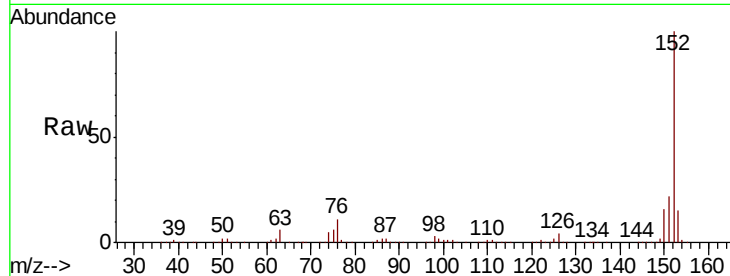
Tot Ion:152 Resp: 2592561

Ion Ratio Lower Upper

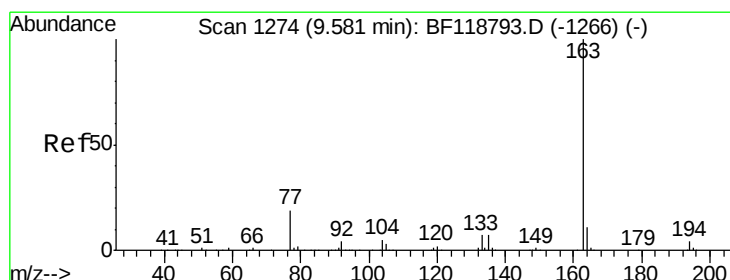
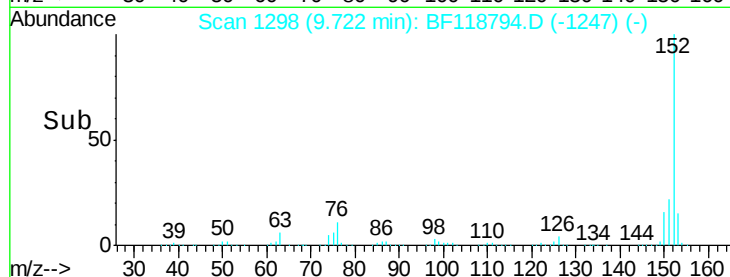
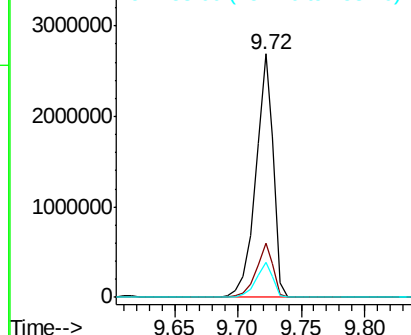
152 100

151 22.2 17.1 25.7

153 14.5 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: 51.804 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

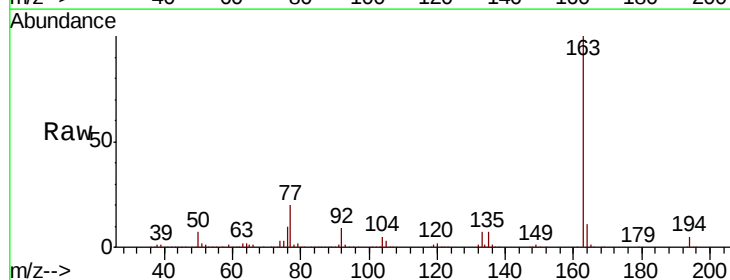
Tgt Ion:163 Resp: 2099313

Ion Ratio Lower Upper

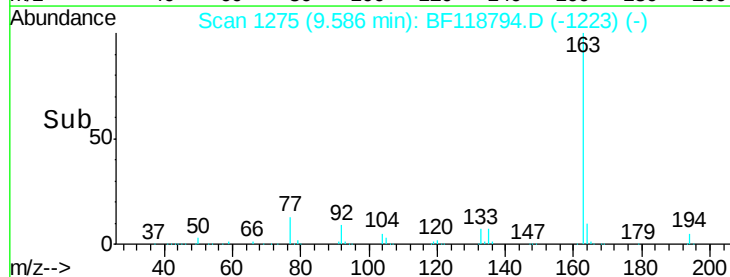
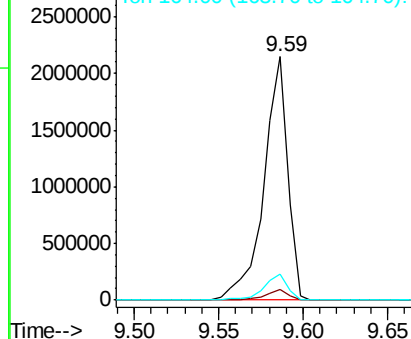
163 100

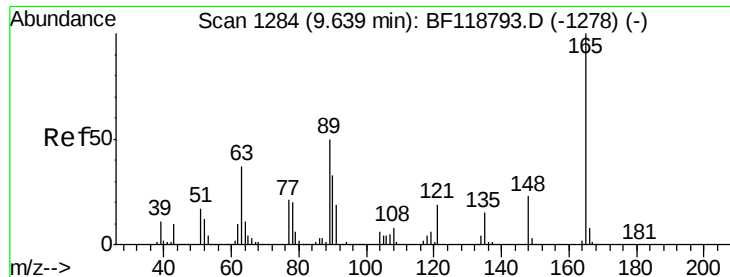
194 4.6 3.6 5.4

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

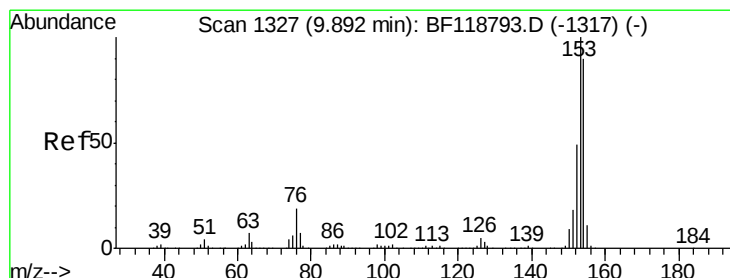
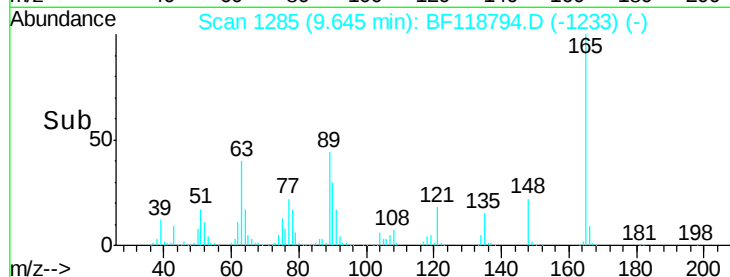
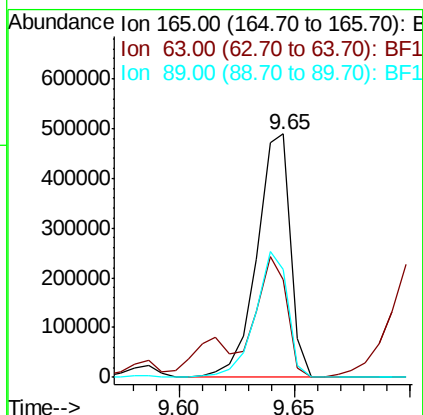
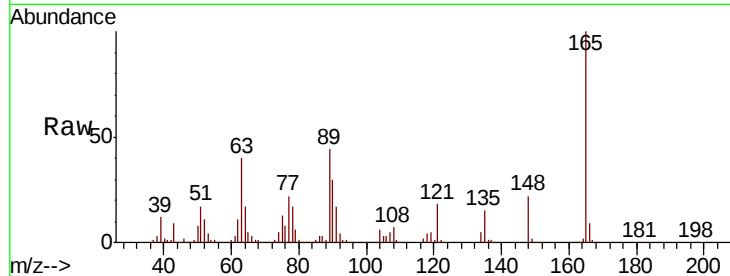




#51
 2,6-Dinitrotoluene
 Concen: 54.516 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

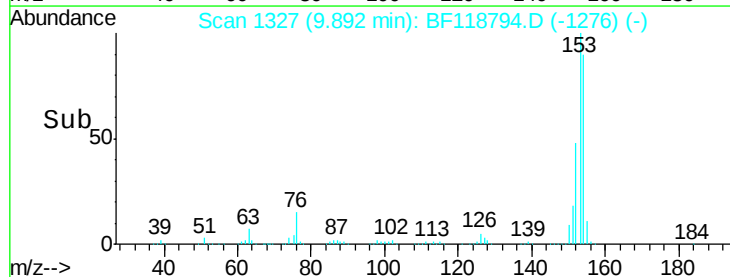
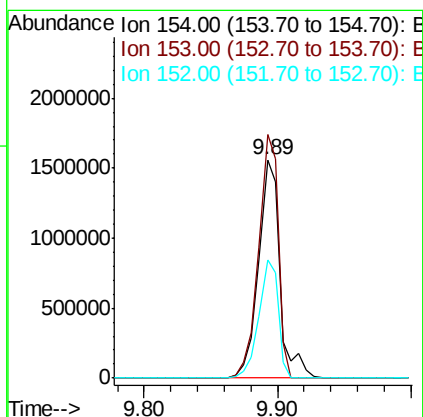
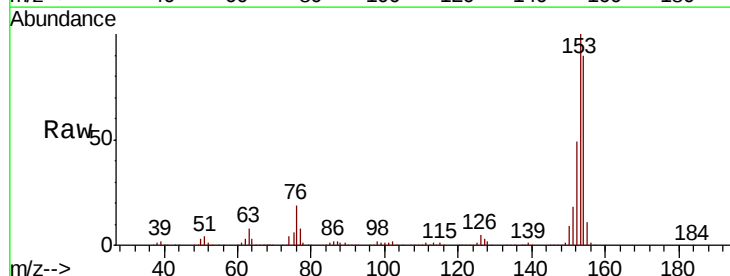
Instrument :
 BNA_F
 ClientSampleId :

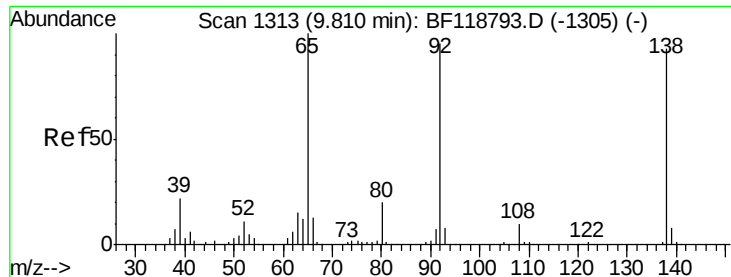
Tot Ion:165 Resp: 494697
 Ion Ratio Lower Upper
 165 100
 63 40.3 37.4 56.0
 89 44.4 39.7 59.5



#52
 Acenaphthene
 Concen: 50.403 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:154 Resp: 1713147
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.4 134.0
 152 54.2 43.6 65.4

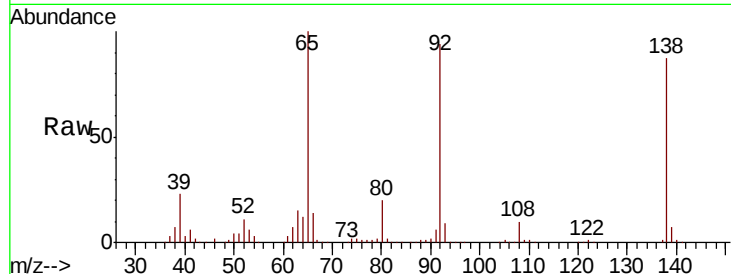




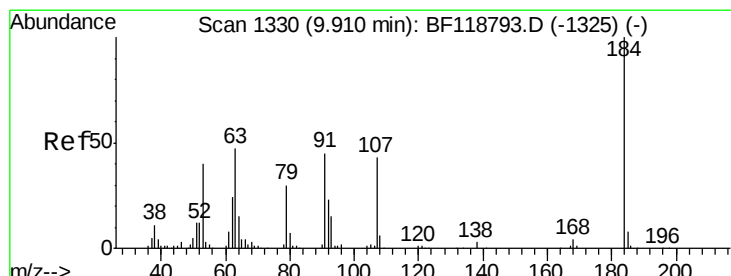
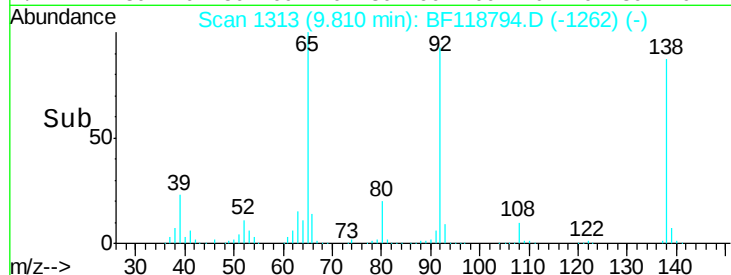
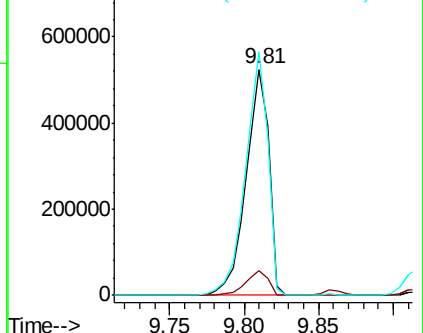
#53
3-Nitroaniline
Concen: 53.481 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 554159
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 107.8 82.2 123.4

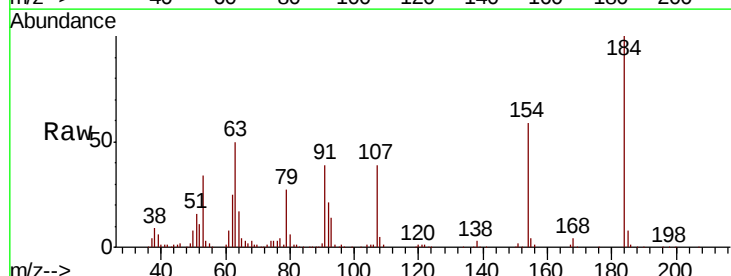


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

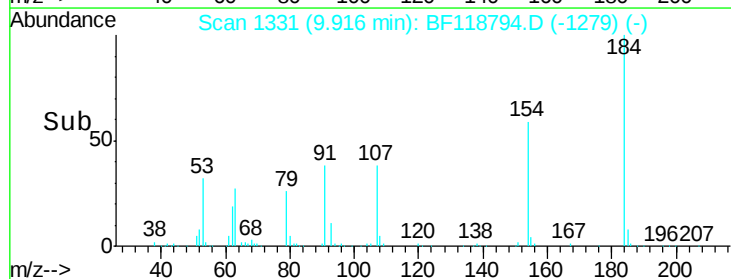
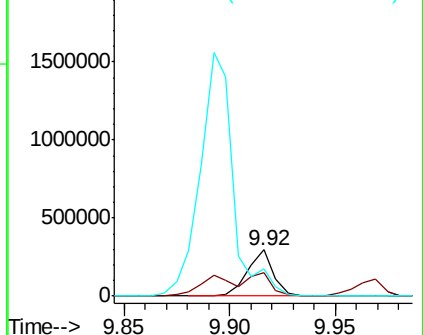


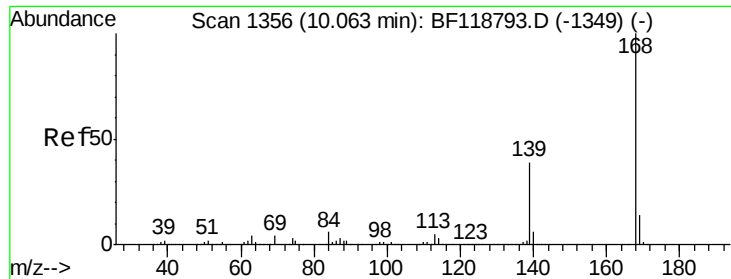
#54
2,4-Dinitrophenol
Concen: 70.336 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:184 Resp: 254807
Ion Ratio Lower Upper
184 100
63 50.1 47.5 71.3
154 59.0 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

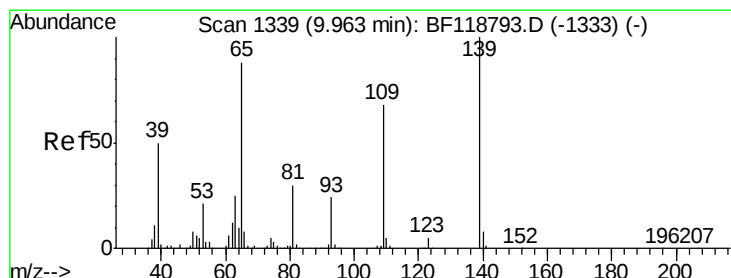
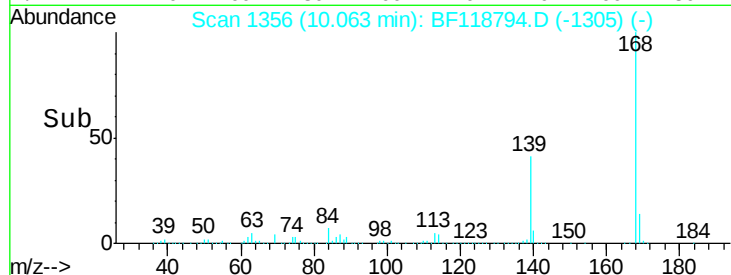
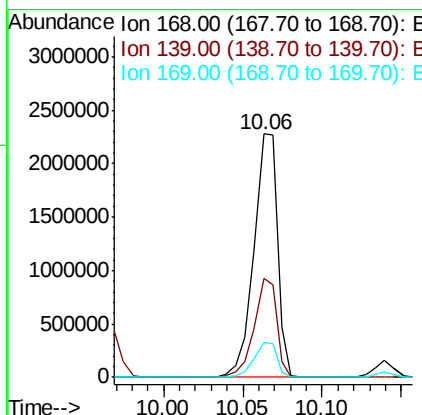
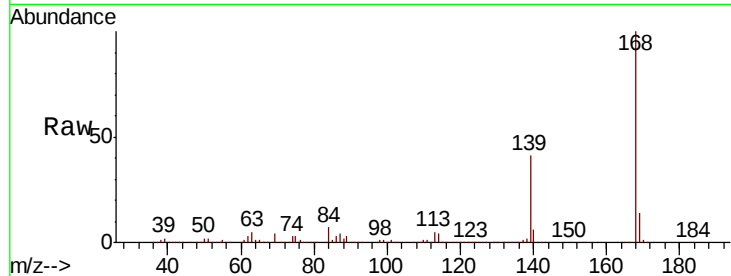




#55
Dibenzofuran
Concen: 50.309 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

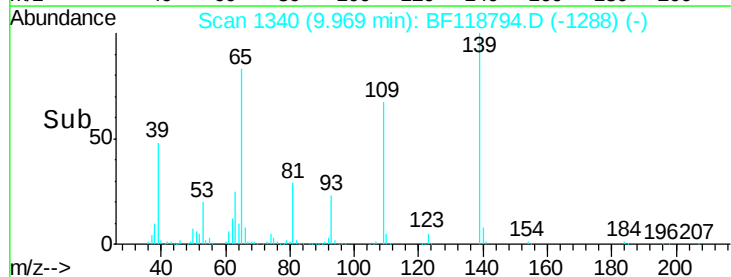
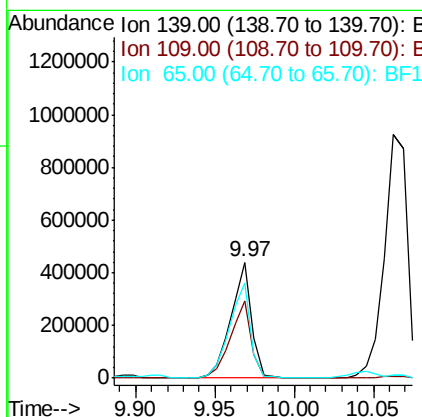
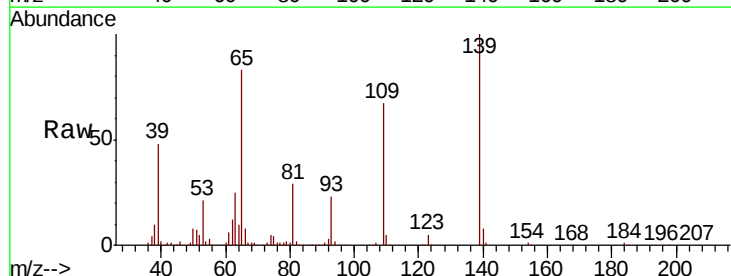
Instrument :
BNA_F
ClientSampleId :

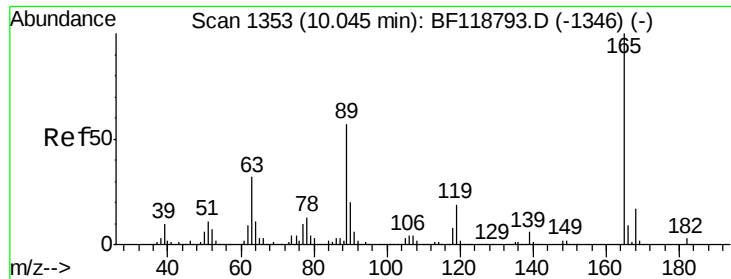
Tot Ion:168 Resp: 2369705
Ion Ratio Lower Upper
168 100
139 40.6 31.6 47.4
169 14.4 11.4 17.2



#56
4-Nitrophenol
Concen: 51.816 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:139 Resp: 405315
Ion Ratio Lower Upper
139 100
109 66.6 48.0 88.0
65 82.8 68.3 108.3

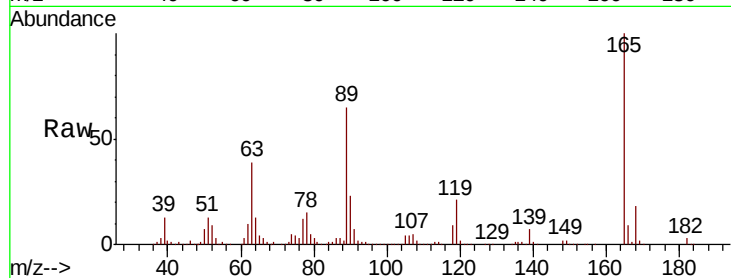




#57
2,4-Dinitrotoluene
Concen: 57.430 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.5	25.5	38.3
89	64.5	45.4	68.0
182	3.1	2.4	3.6

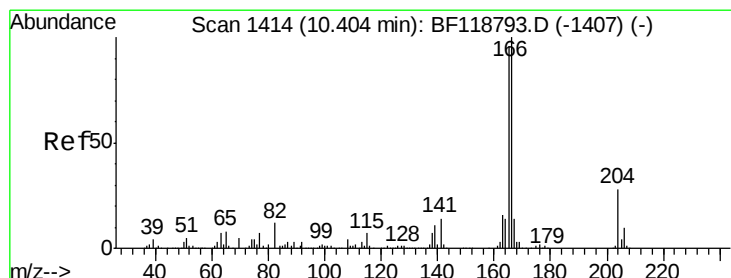
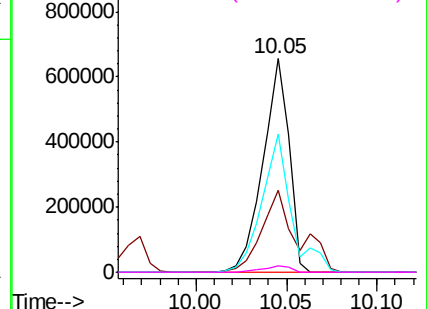
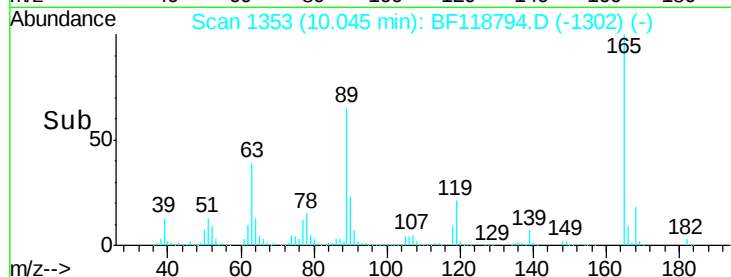


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

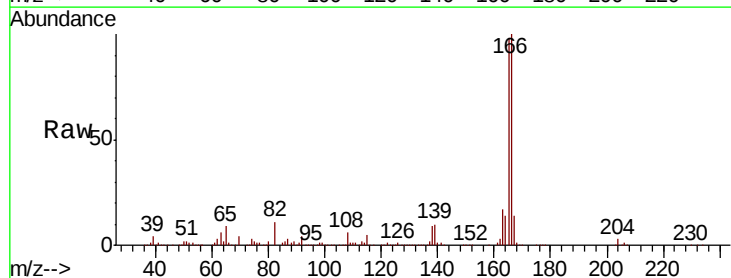
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.385 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

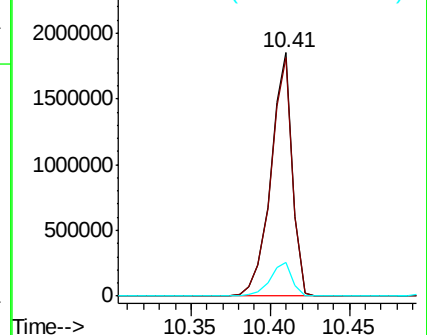
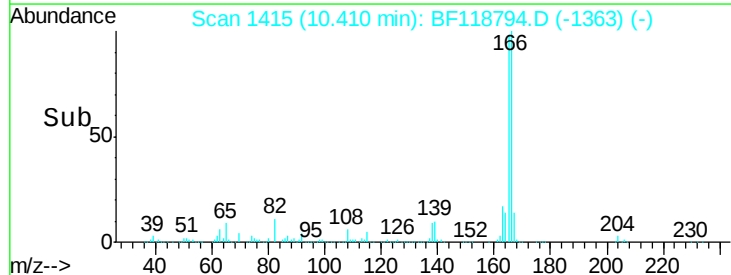
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.0	115.6
167	14.0	11.1	16.7

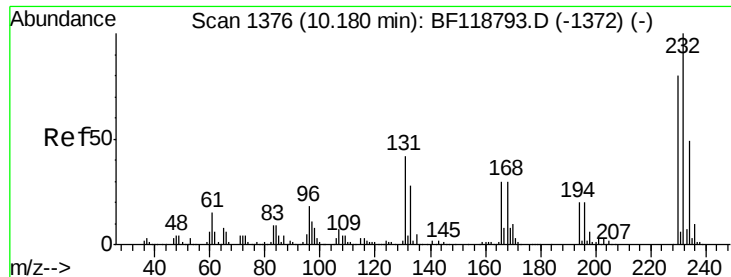


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

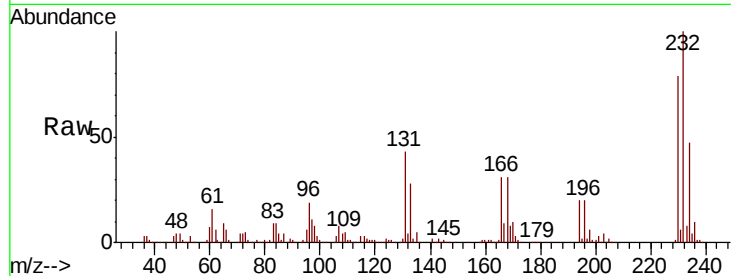




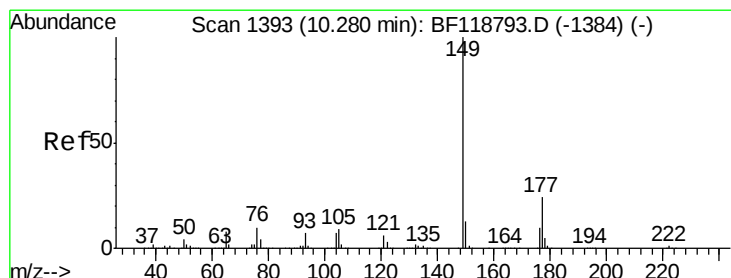
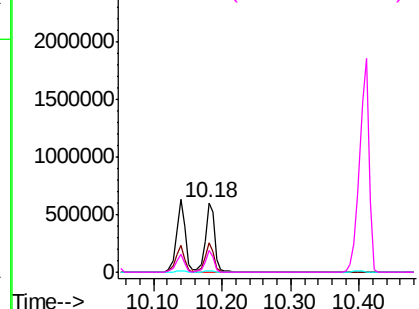
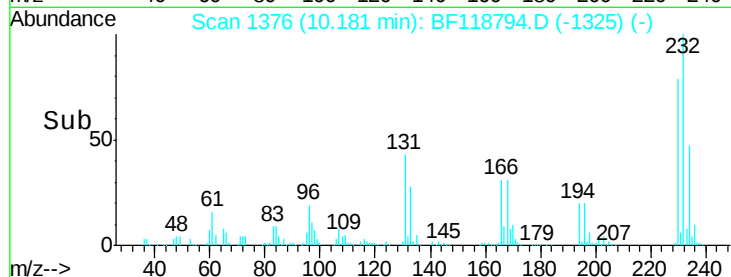
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.565 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	586605
Ion	Ratio	Lower	Upper
232	100		
131	39.2	31.8	47.6
130	2.0	1.6	2.4
166	28.5	23.1	34.7

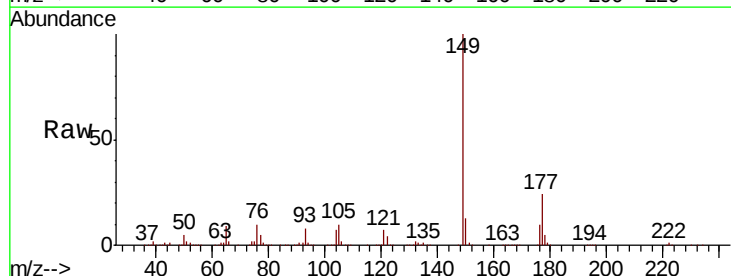


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

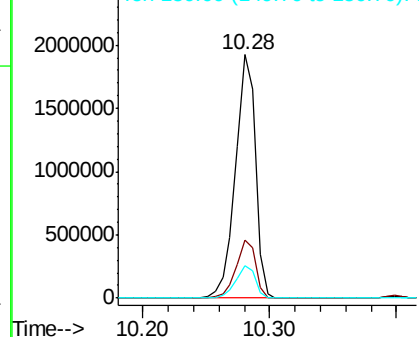
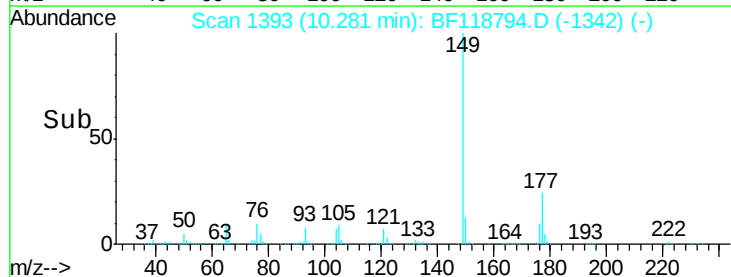


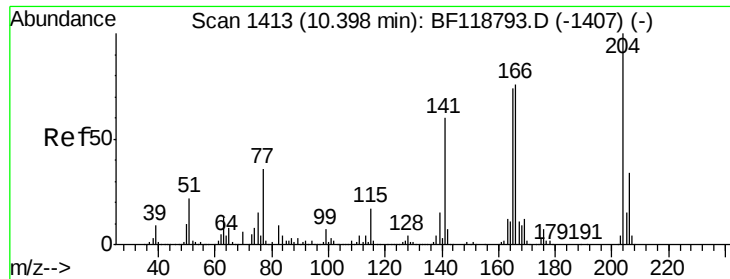
#60
 Diethylphthalate
 Concen: 52.707 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:	149	Resp:	2070877
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	13.3	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

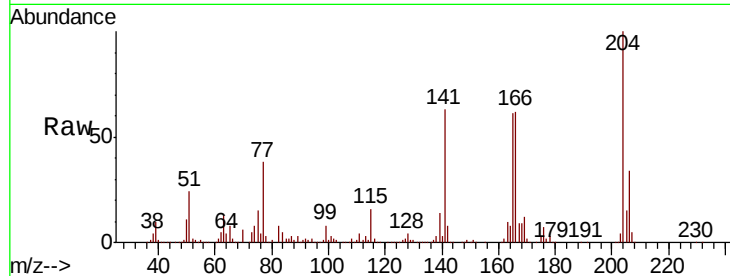




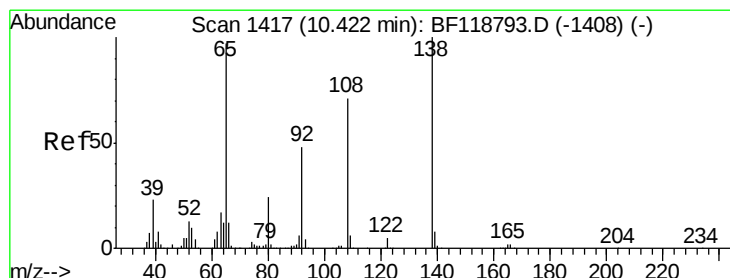
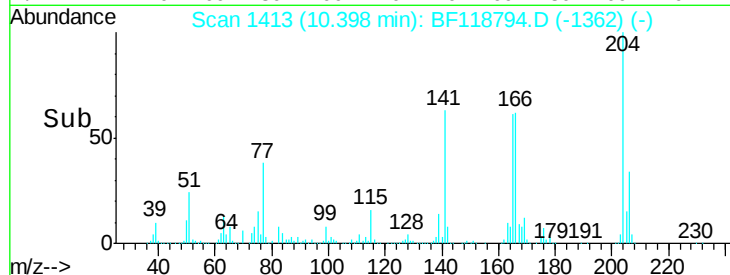
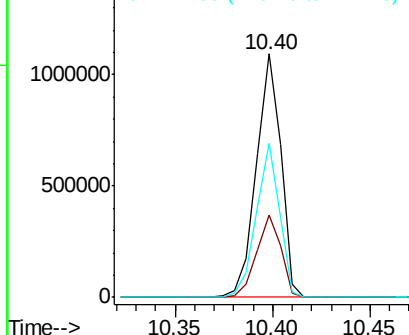
#61
4-Chlorophenyl-phenylether
Concen: 47.447 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 954228
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 63.0 47.8 71.6

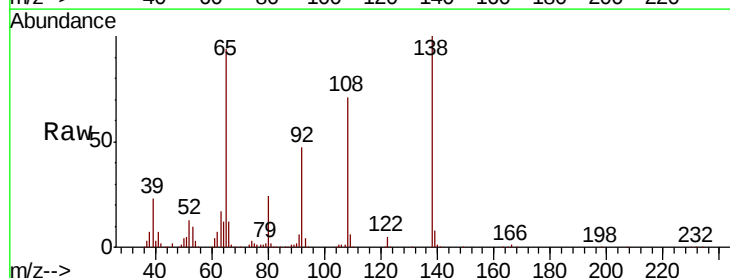


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

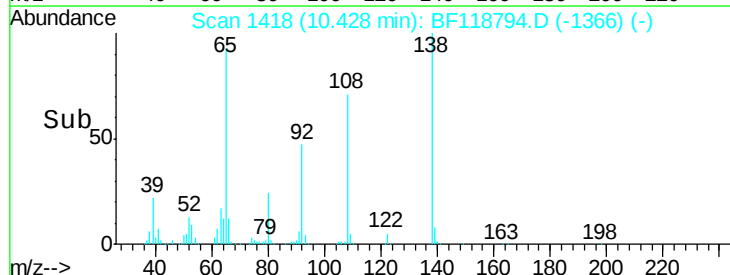
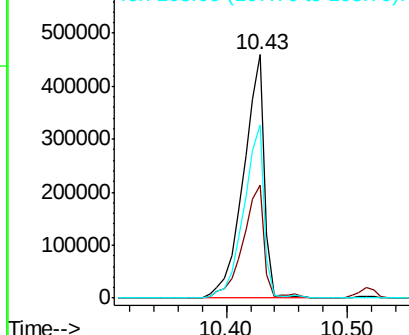


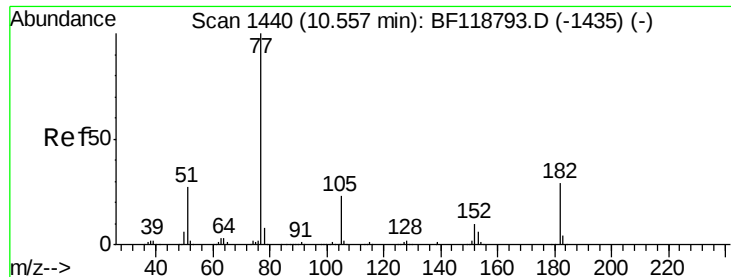
#62
4-Nitroaniline
Concen: 51.737 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:138 Resp: 549891
Ion Ratio Lower Upper
138 100
92 46.6 27.6 67.6
108 71.1 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

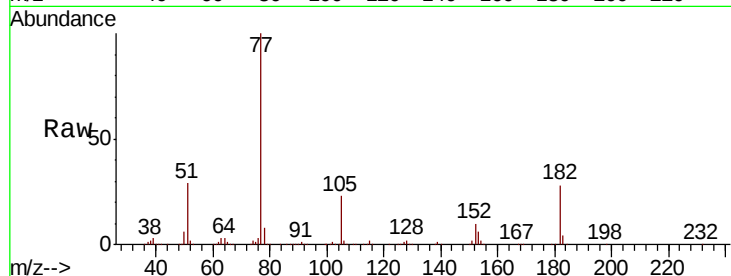




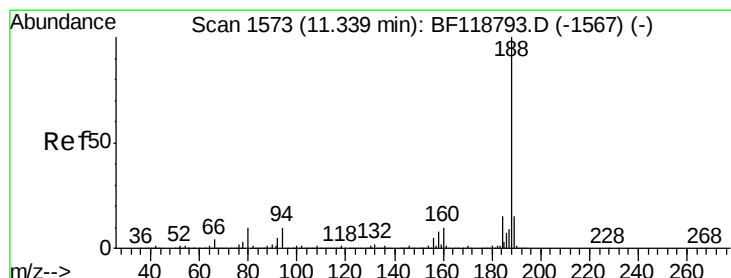
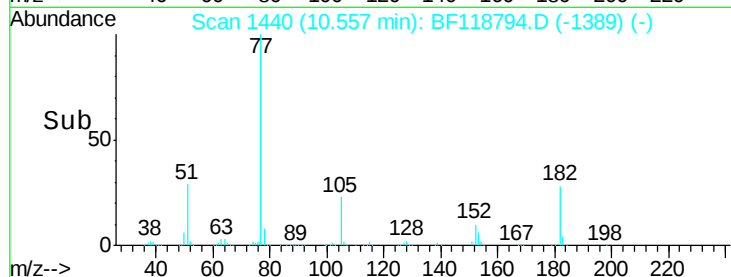
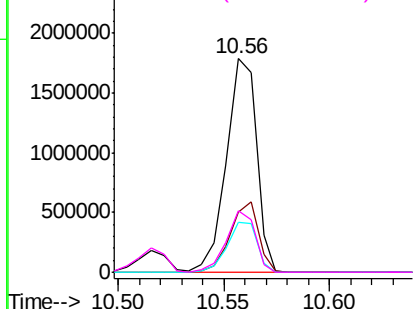
#63
Azobenzene
Concen: 46.095 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1754007
Ion Ratio Lower Upper
77 100
182 28.3 9.2 49.2
105 23.2 3.1 43.1
51 28.7 7.4 47.4

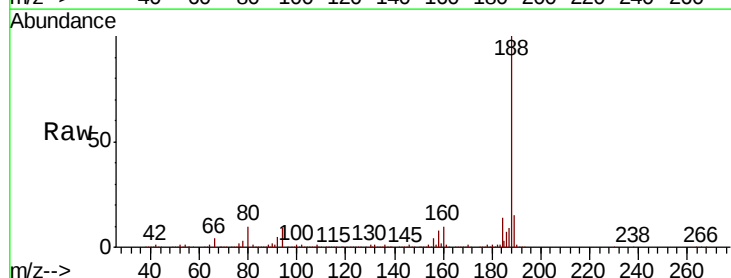


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

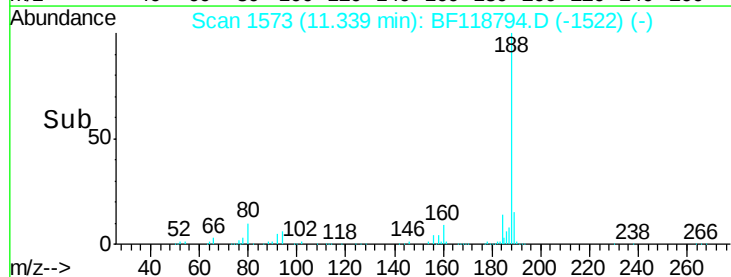
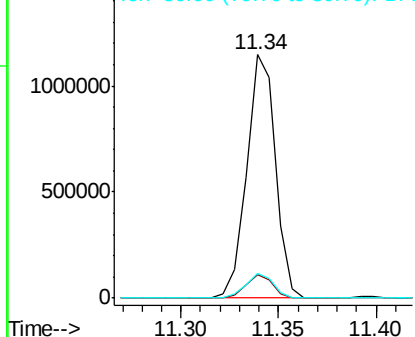


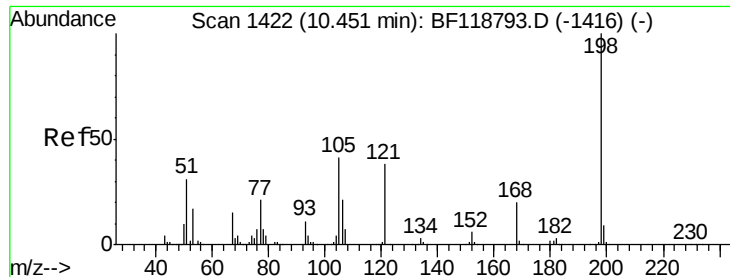
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 188 Resp: 1167102
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.2 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: 68.049 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

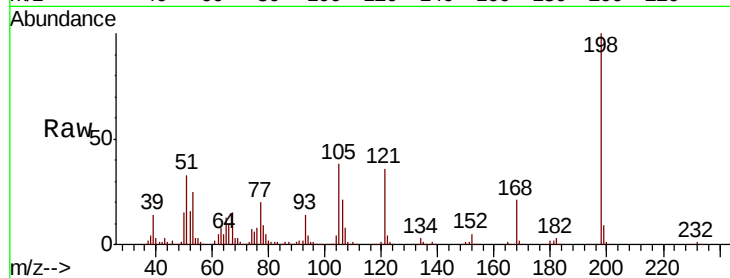
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 349228

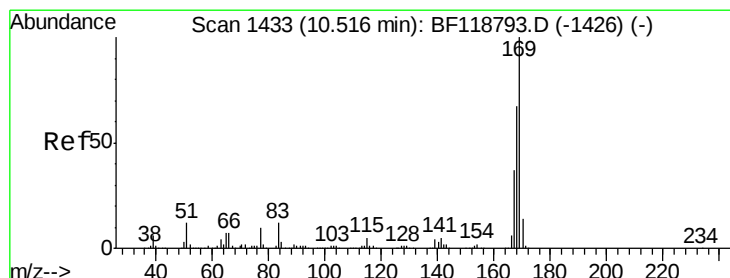
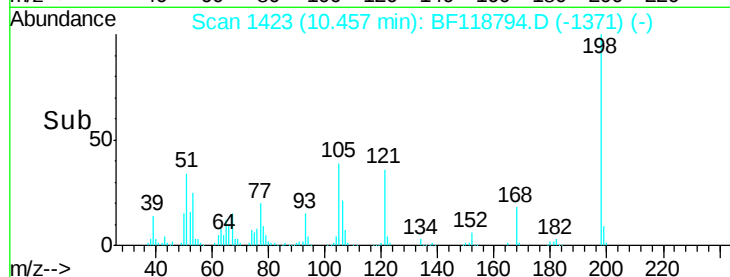
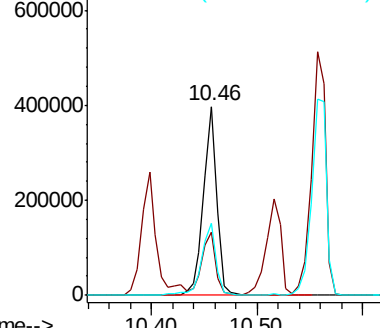
Ion	Ratio	Lower	Upper
198	100		
51	33.3	16.7	56.7
105	38.4	22.0	62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.422 ng

RT: 10.52 min Scan# 1433

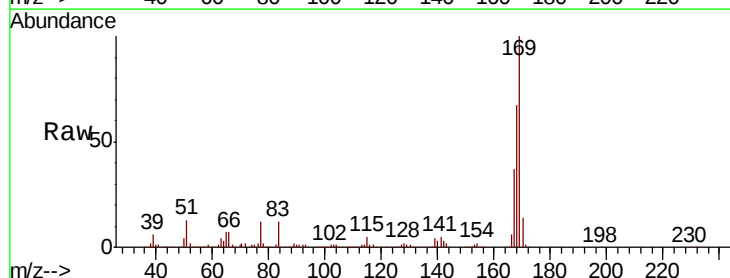
Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Tgt Ion:169 Resp: 1704295

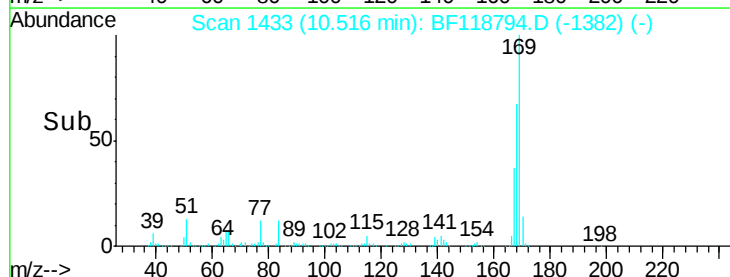
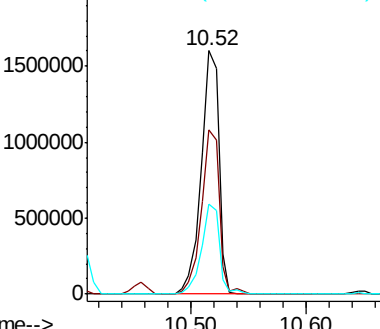
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.5	80.3
167	37.2	29.3	43.9

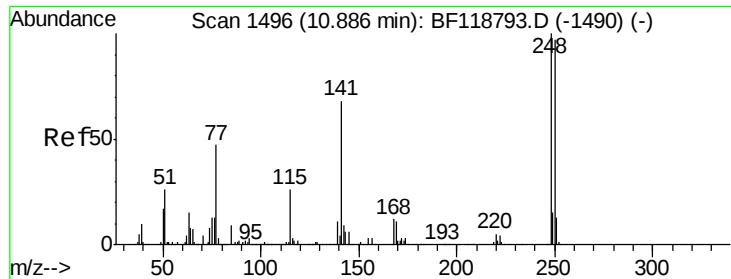


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

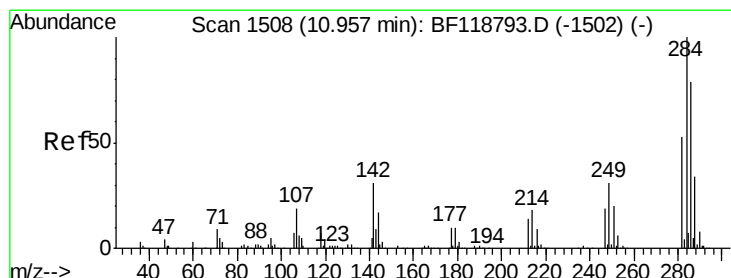
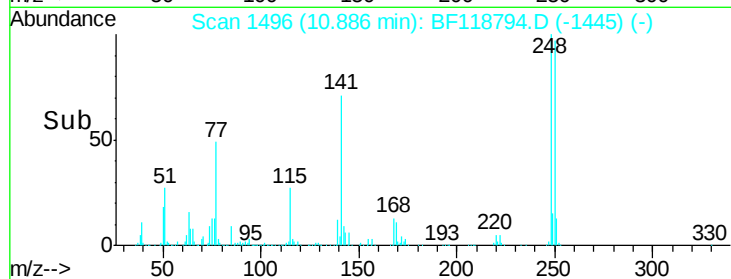
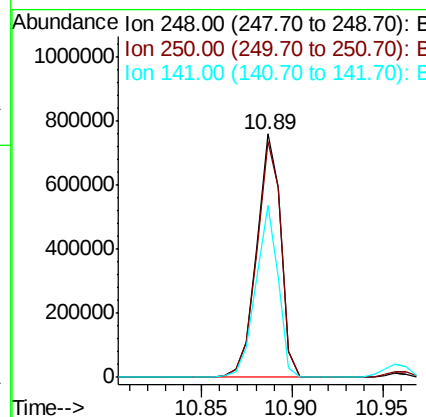
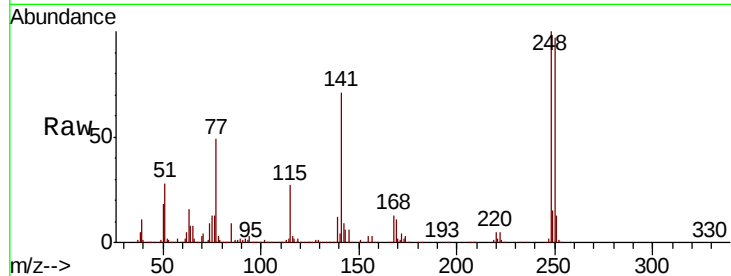




#67
 4-Bromophenyl-phenylether
 Concen: 48.121 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

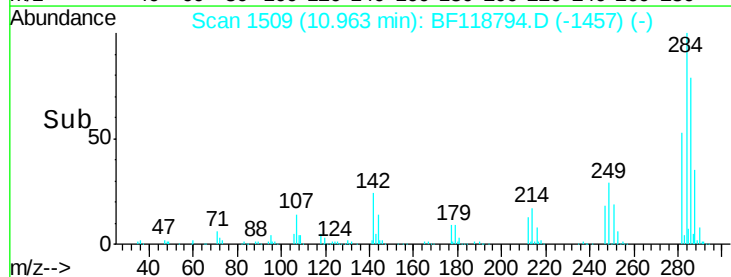
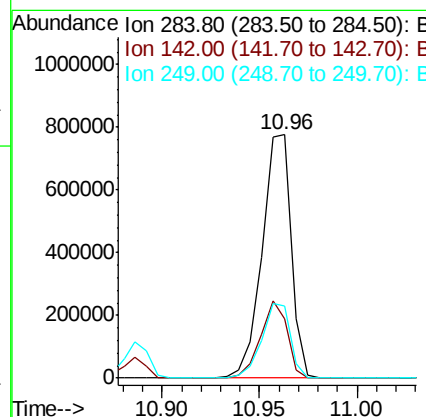
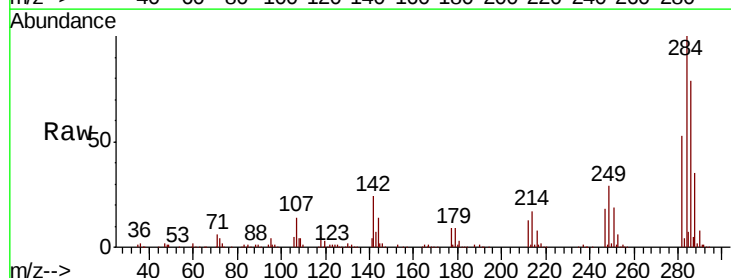
Instrument :
 BNA_F
 ClientSampleId :

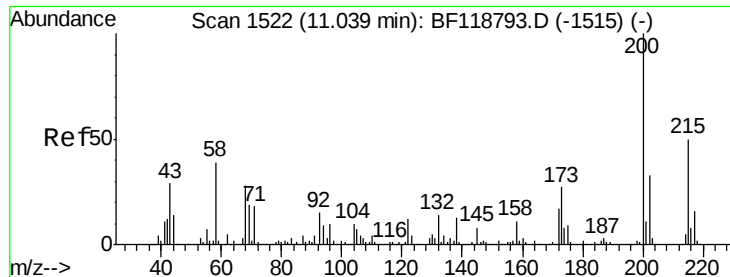
Tot Ion:248 Resp: 693867
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.6 116.4
 141 70.6 54.4 81.6



#68
 Hexachlorobenzene
 Concen: 49.128 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:284 Resp: 803128
 Ion Ratio Lower Upper
 284 100
 142 24.1 24.5 36.7#
 249 29.4 24.7 37.1

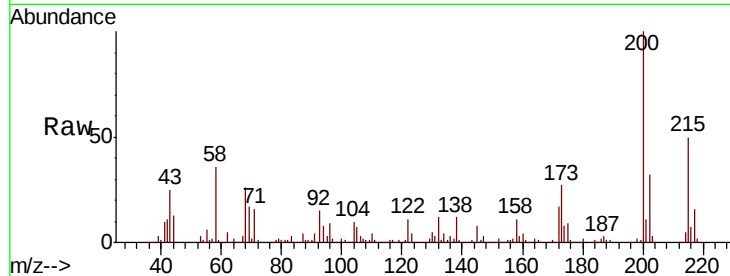




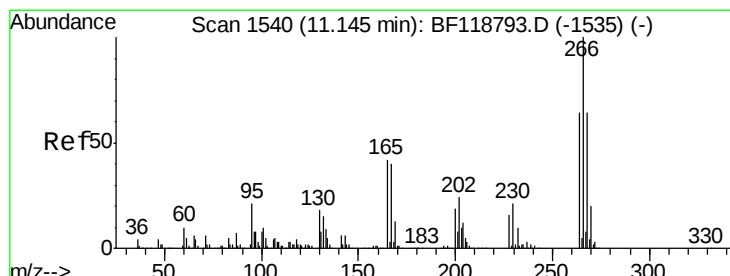
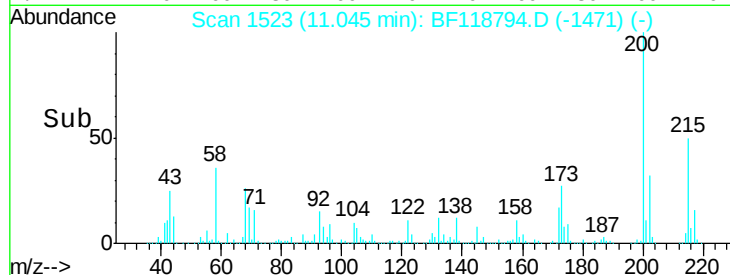
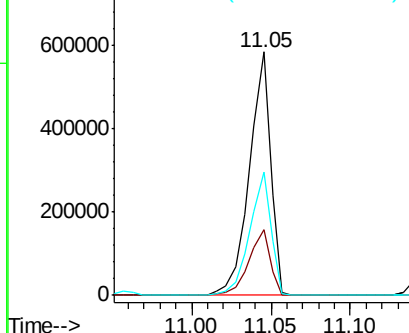
#69
Atrazine
Concen: 44.368 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.5	47.5
215	50.4	29.9	69.9

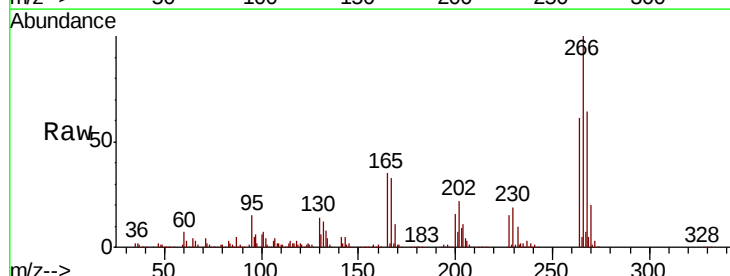


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

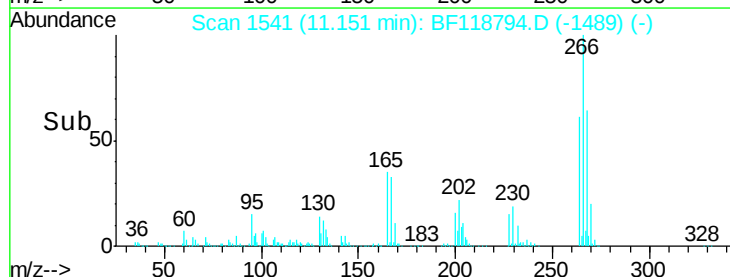
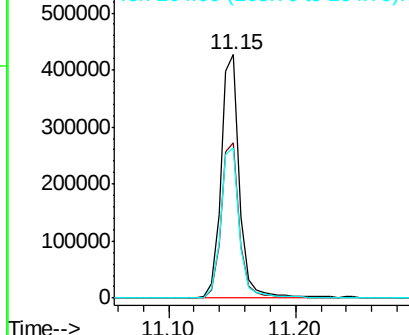


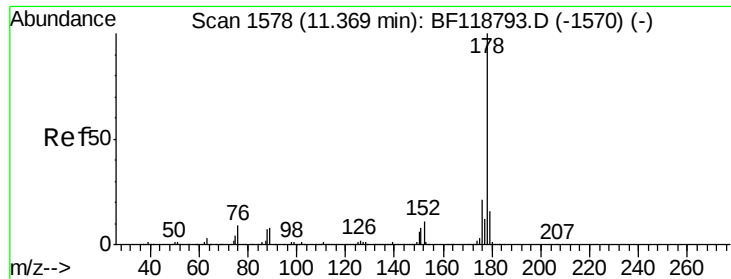
#70
Pentachlorophenol
Concen: 48.012 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.6
264	61.5	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: 49.183 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

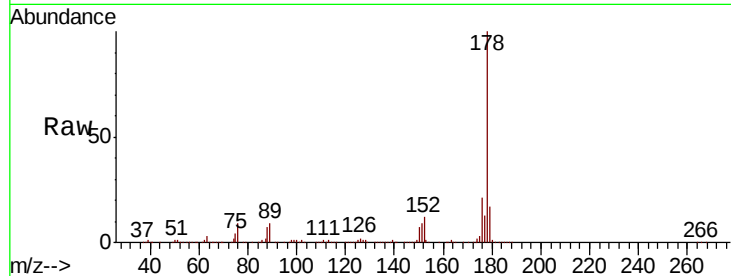
Tot Ion:178 Resp: 2769303

Ion Ratio Lower Upper

178 100

176 21.1 16.6 24.8

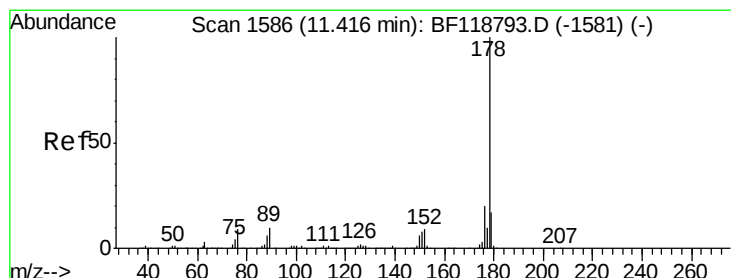
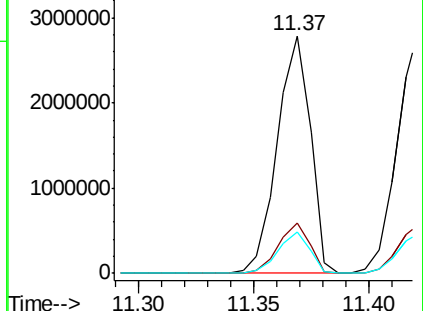
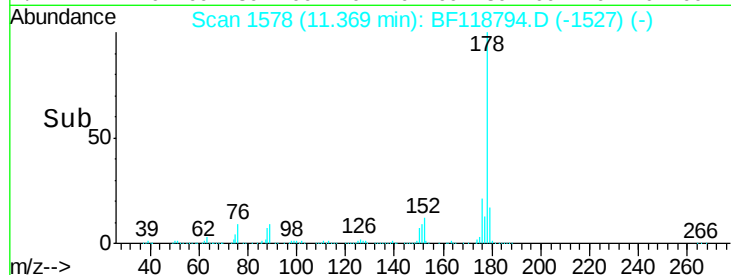
179 17.2 13.2 19.8



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: 49.384 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

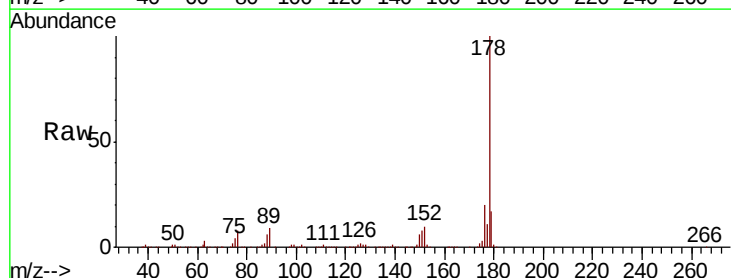
Tgt Ion:178 Resp: 2751385

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.2

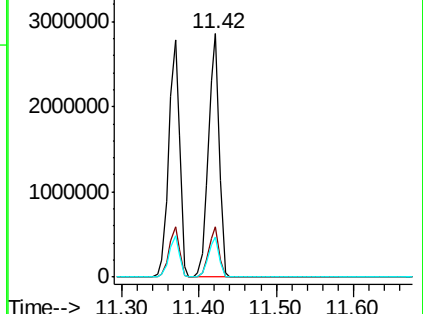
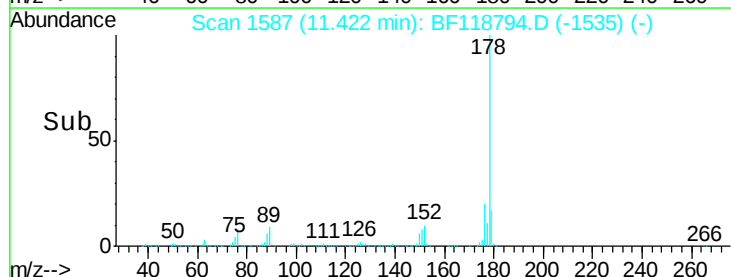
179 16.7 13.4 20.2

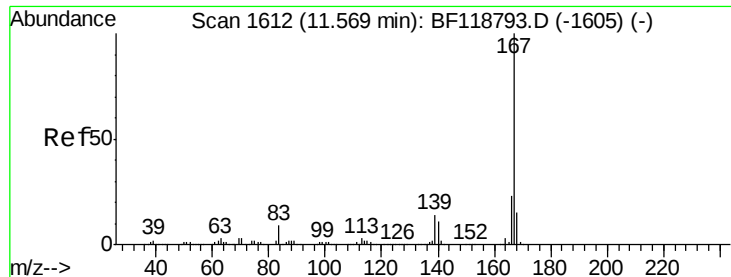


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

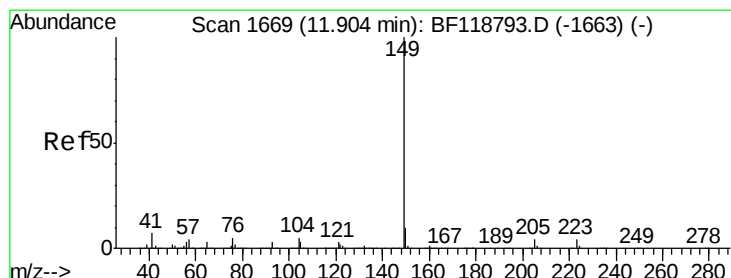
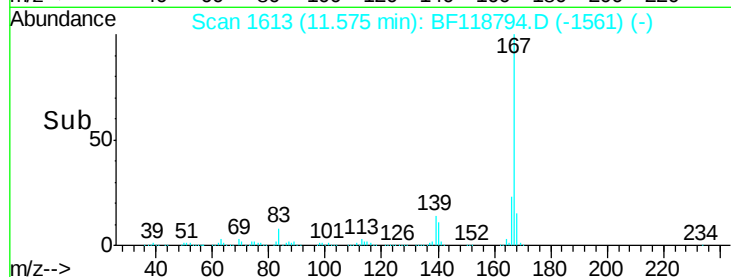
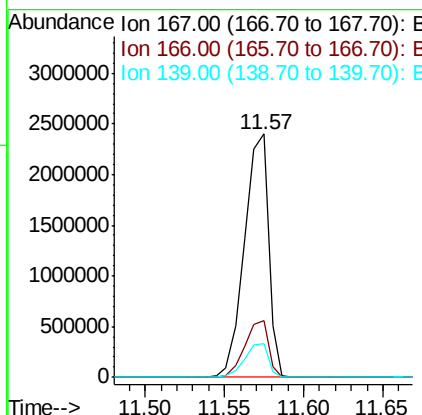
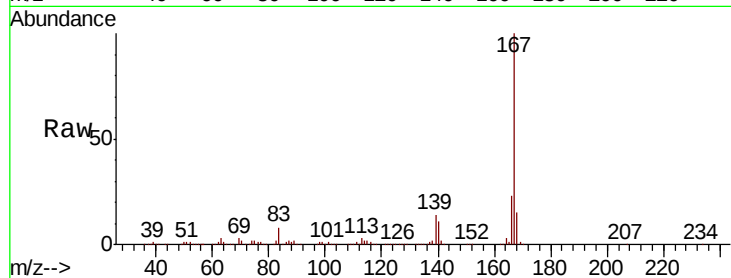




#73
 Carbazole
 Concen: 49.651 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

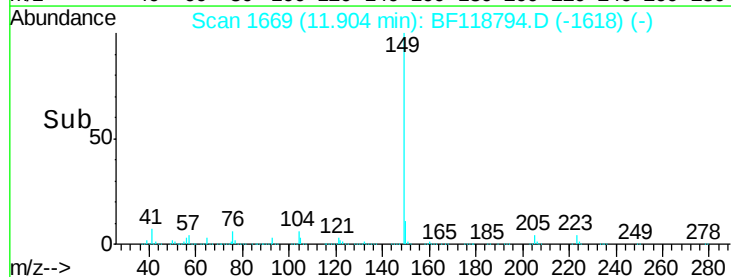
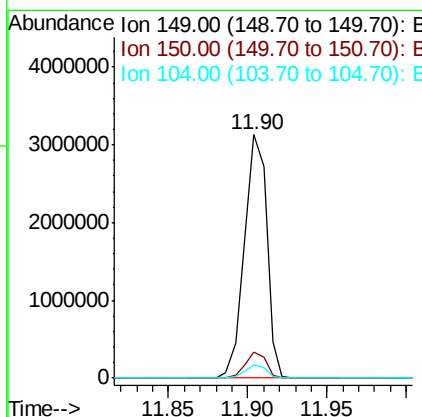
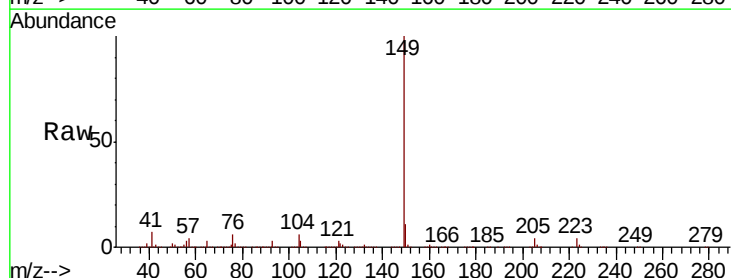
Instrument :
 BNA_F
 ClientSampleId :

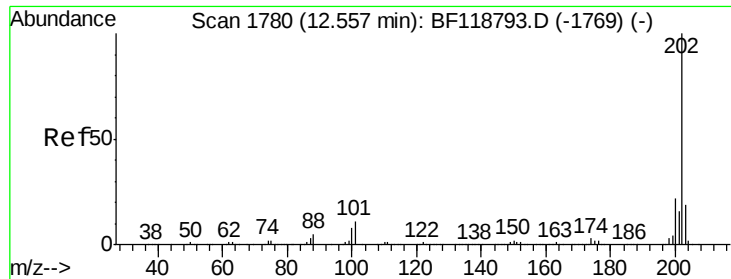
Tot Ion:167 Resp: 2537343
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.4 27.6
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 53.955 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:149 Resp: 3063384
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.1 12.1
 104 5.6 4.3 6.5

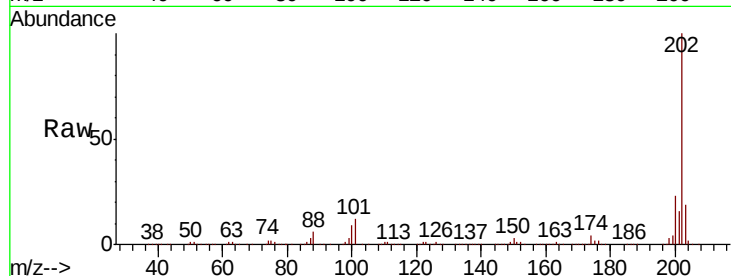




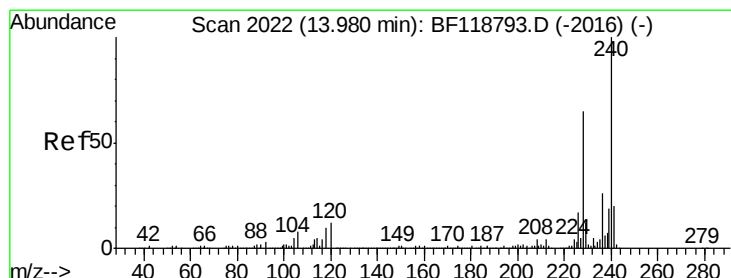
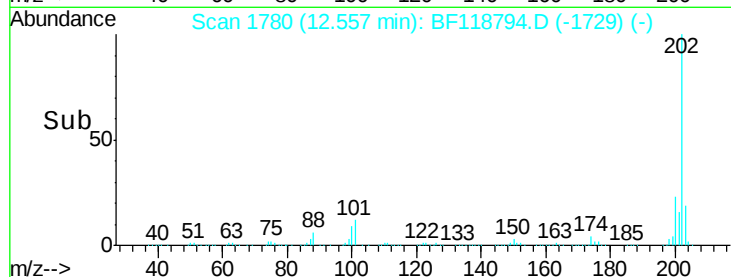
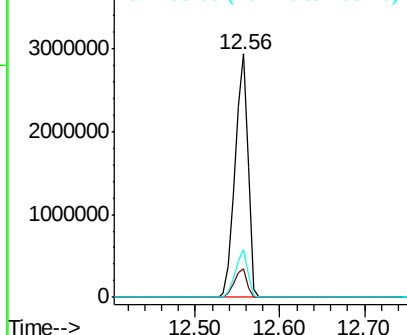
#75
Fluoranthene
Concen: 51.181 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 3039454
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.0
203 19.5 0.0 38.7

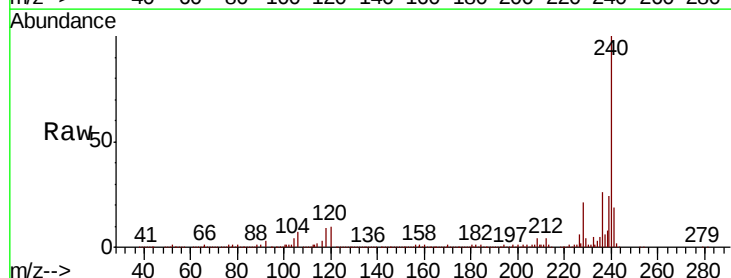


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

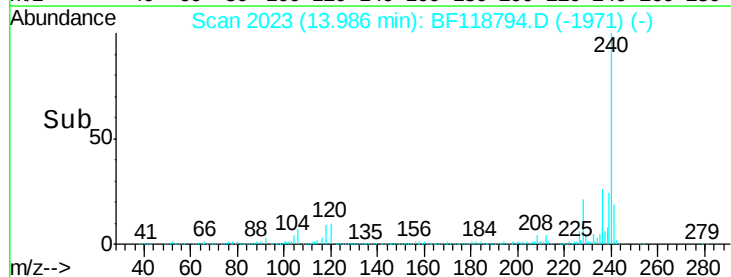
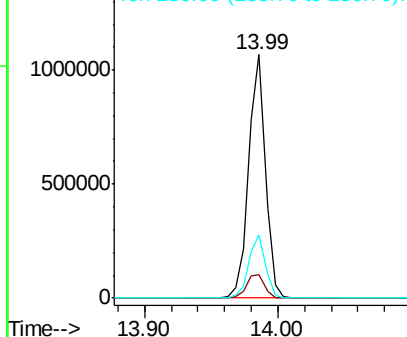


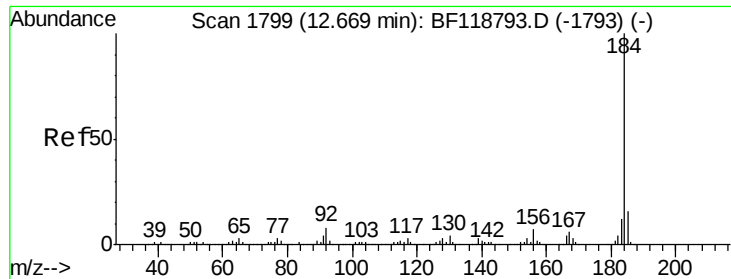
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:240 Resp: 912104
Ion Ratio Lower Upper
240 100
120 9.5 9.4 14.0
236 26.1 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: 55.092 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

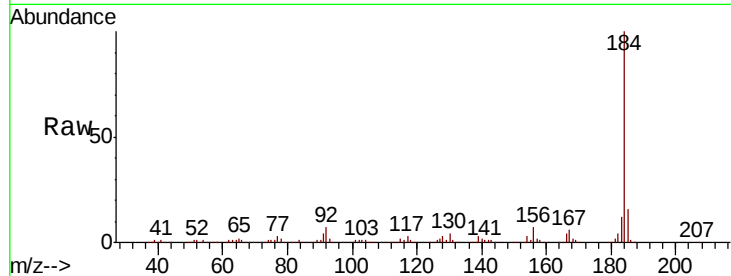
Tot Ion:184 Resp: 1342629

Ion Ratio Lower Upper

184 100

185 16.1 12.5 18.7

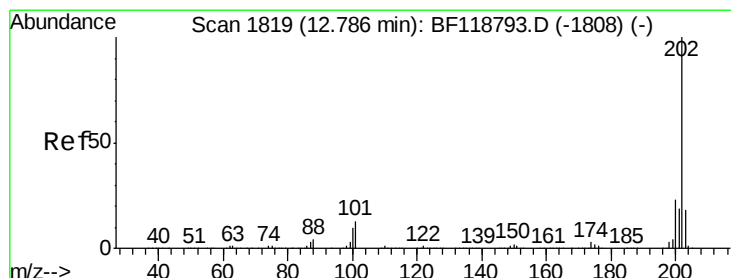
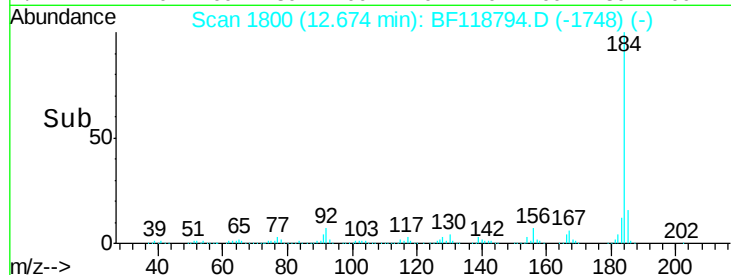
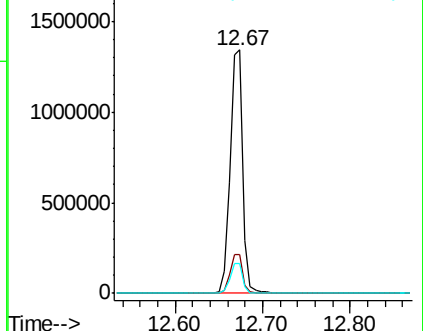
183 12.4 9.7 14.5



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: 48.999 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

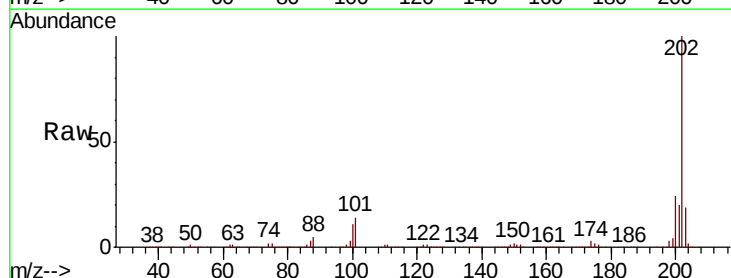
Tgt Ion:202 Resp: 3034216

Ion Ratio Lower Upper

202 100

200 23.6 18.2 27.2

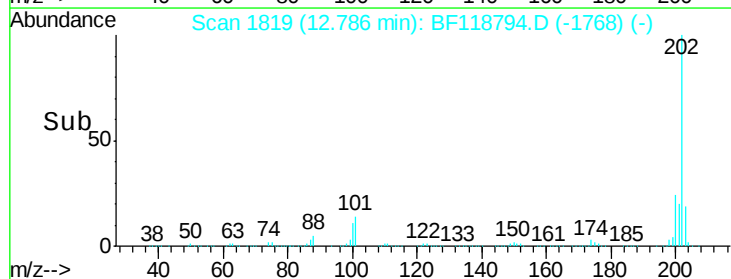
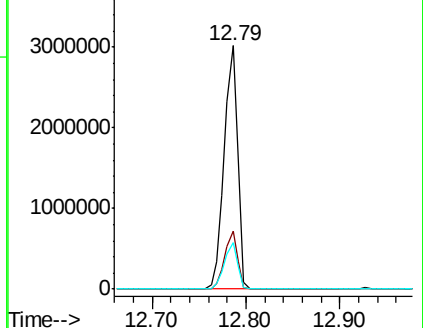
203 19.3 14.8 22.2

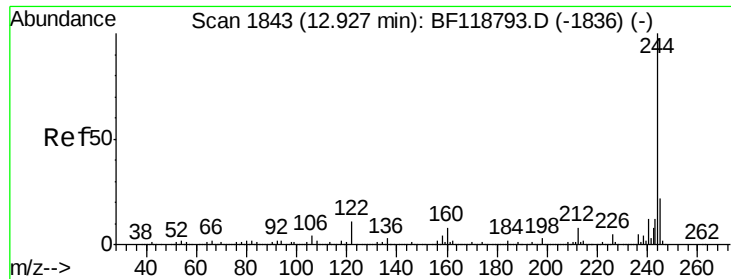


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.964 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

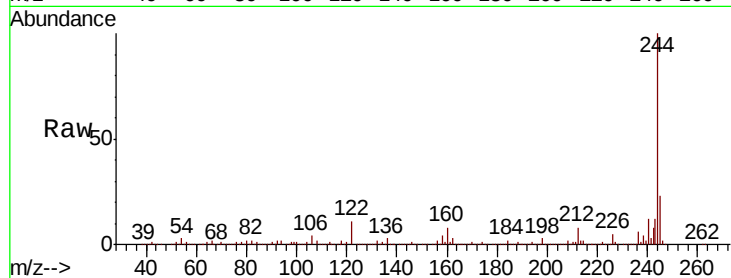
Tot Ion:244 Resp: 4180368

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

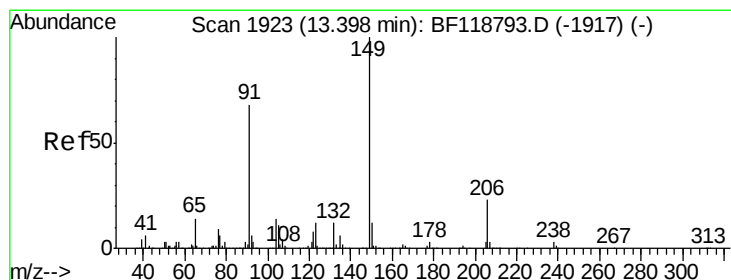
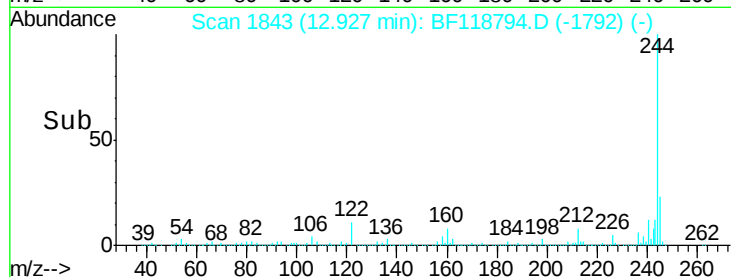
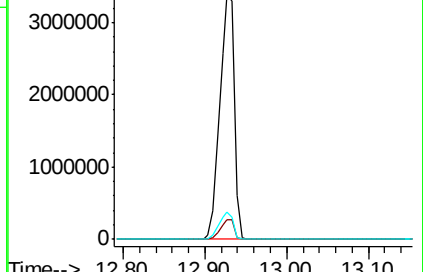
122 11.3 8.9 13.3



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: 55.643 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

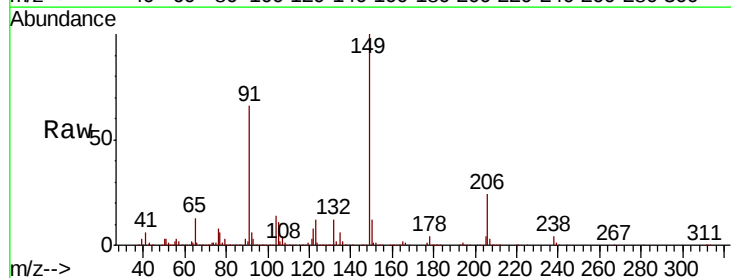
Tgt Ion:149 Resp: 1410155

Ion Ratio Lower Upper

149 100

91 65.8 54.7 82.1

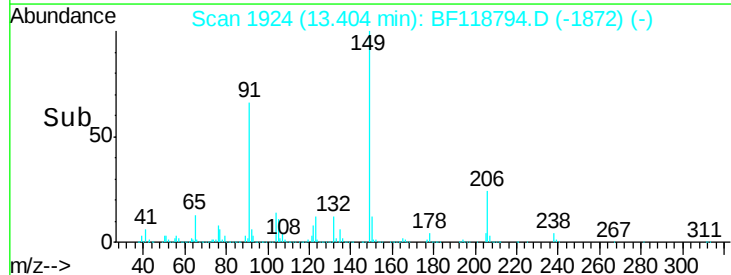
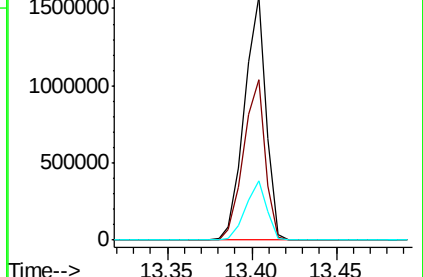
206 24.1 18.5 27.7

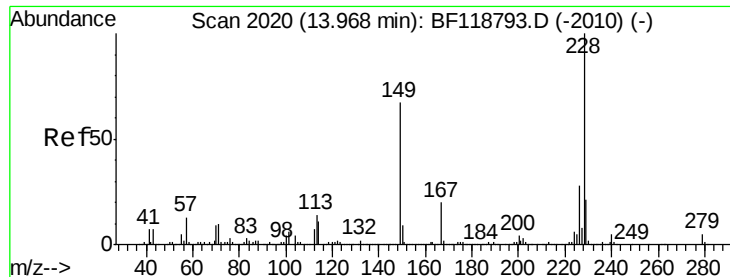


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.393 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

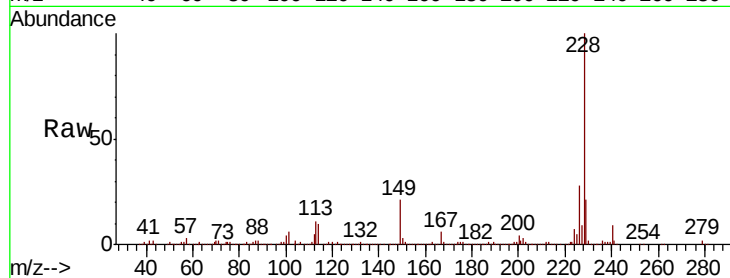
Tot Ion:228 Resp: 2710063

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

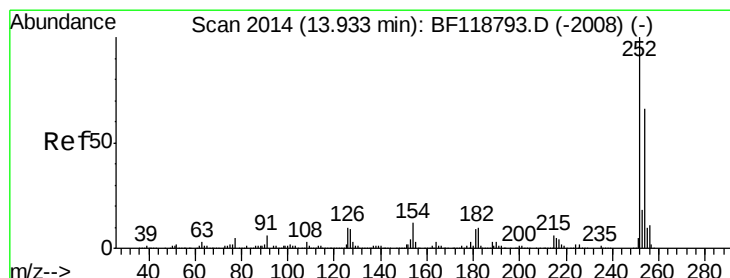
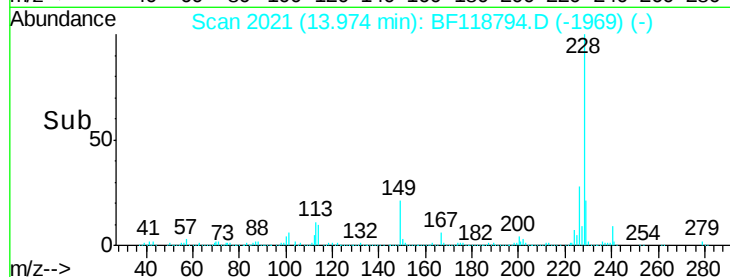
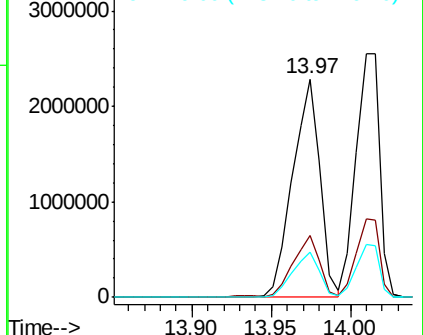
229 20.7 16.6 25.0



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: 57.782 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

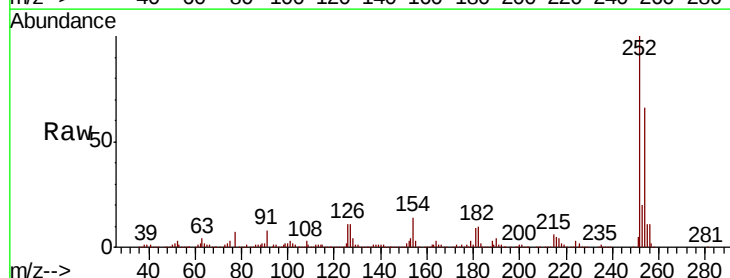
Tgt Ion:252 Resp: 1129703

Ion Ratio Lower Upper

252 100

254 66.1 52.4 78.6

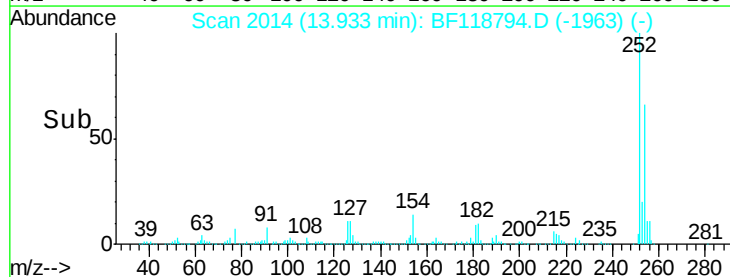
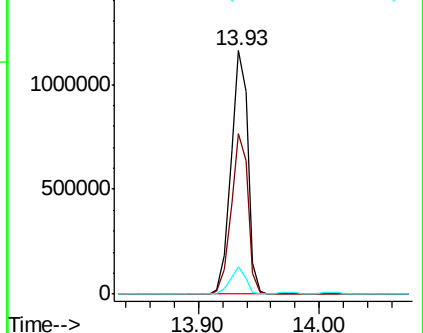
126 11.1 7.8 11.8

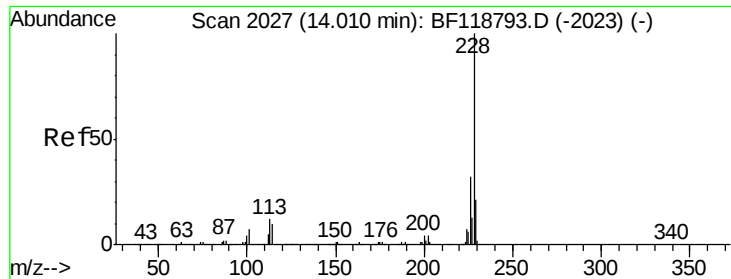


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.952 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

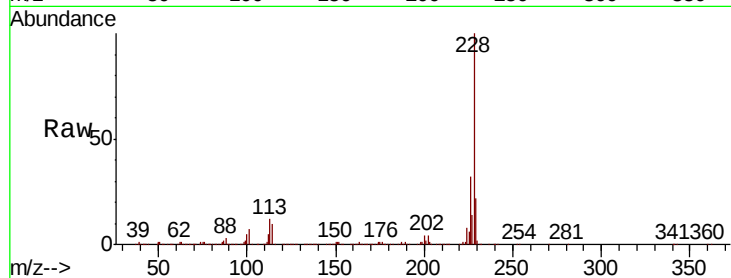
Tot Ion:228 Resp: 2679307

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

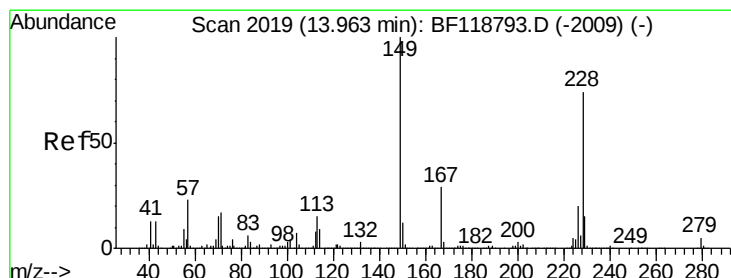
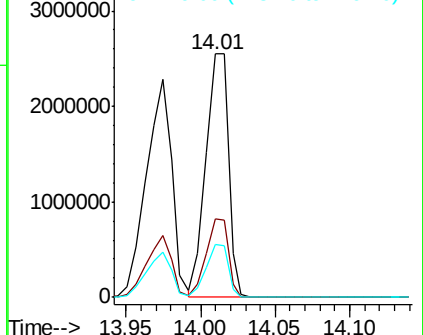
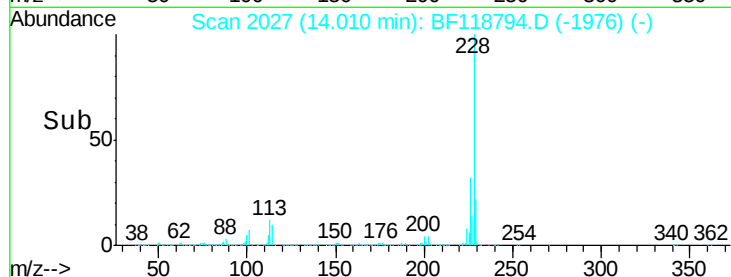
229 21.5 16.9 25.3



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: 56.642 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

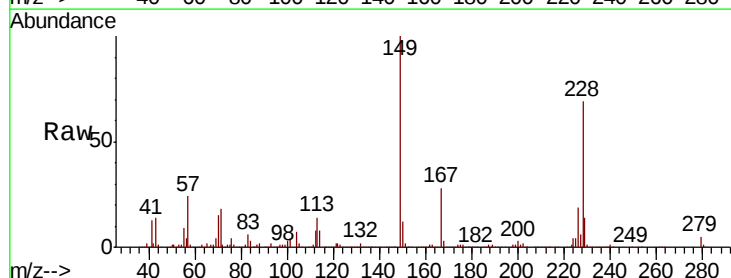
Tgt Ion:149 Resp: 1753767

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

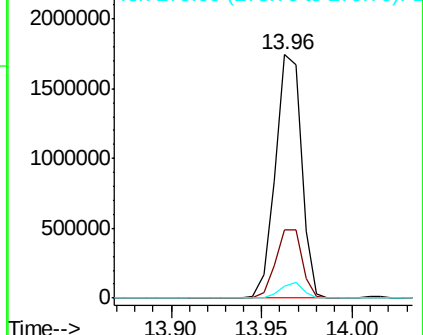
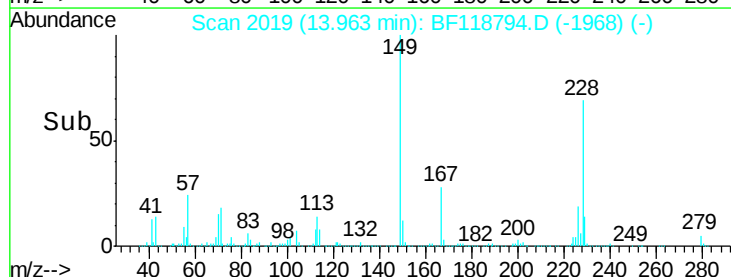
279 5.1 4.4 6.6

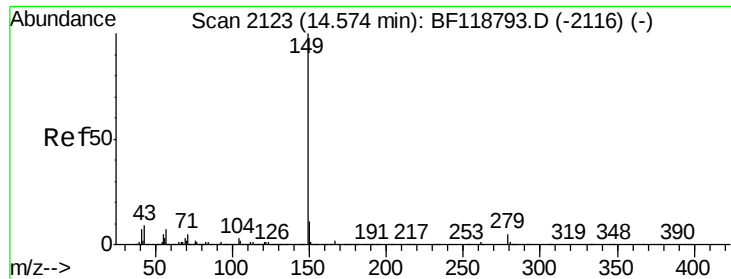


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

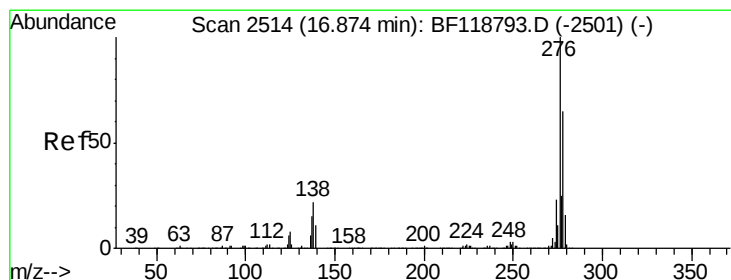
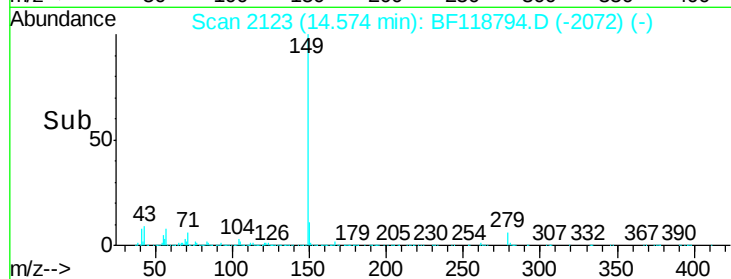
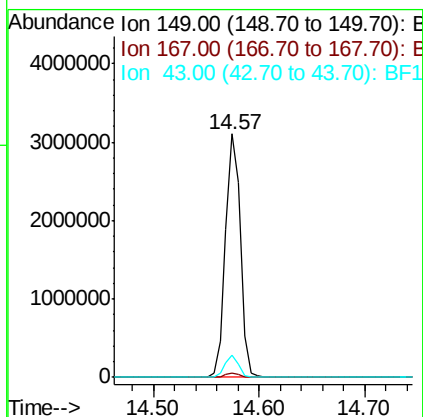
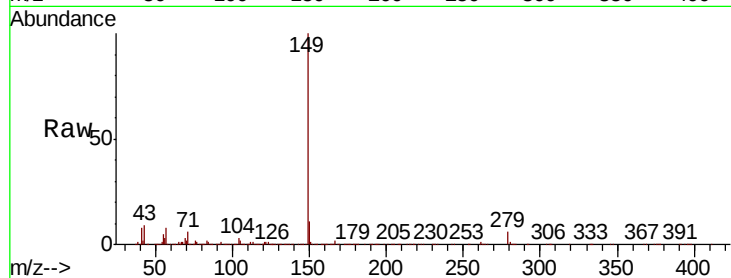




#85
Di-n-octyl phthalate
Concen: 66.472 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

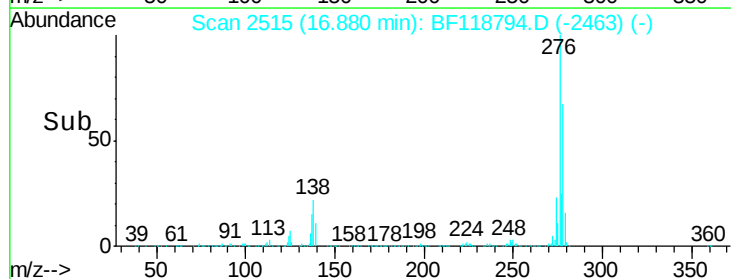
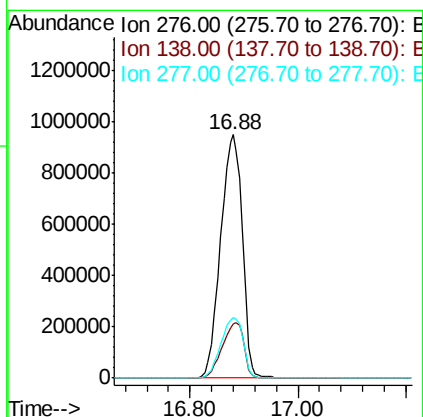
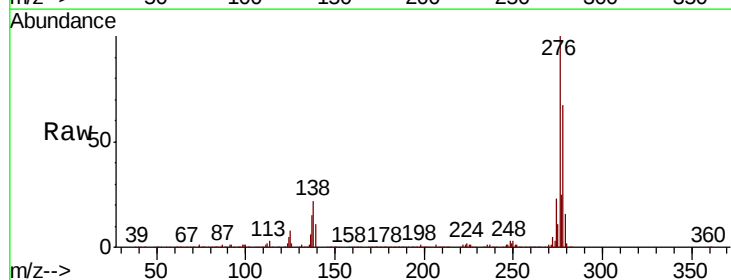
Instrument :
BNA_F
ClientSampleId :

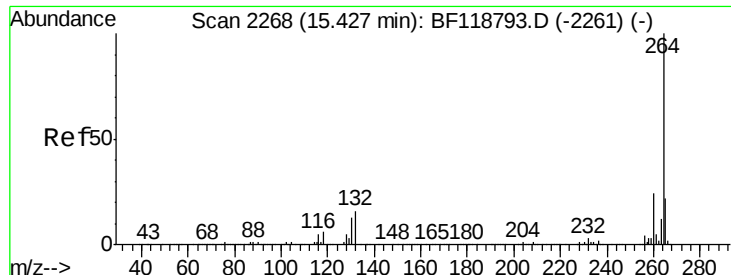
Tot Ion:149 Resp: 3046406
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.7 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.753 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:276 Resp: 2684507
Ion Ratio Lower Upper
276 100
138 23.0 18.3 27.5
277 25.6 20.2 30.4



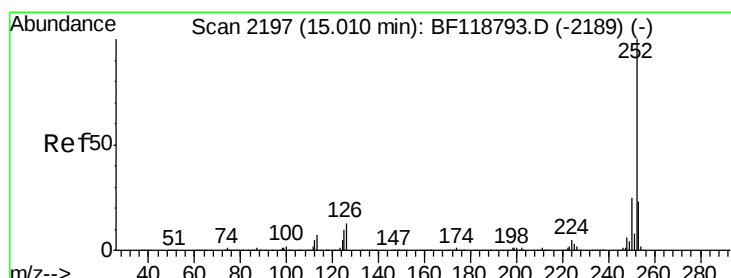
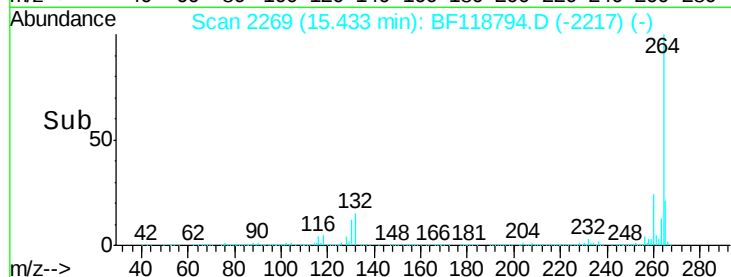
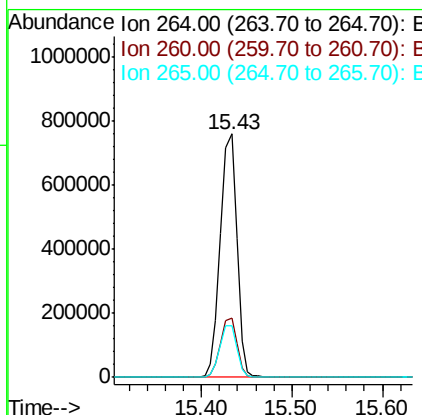
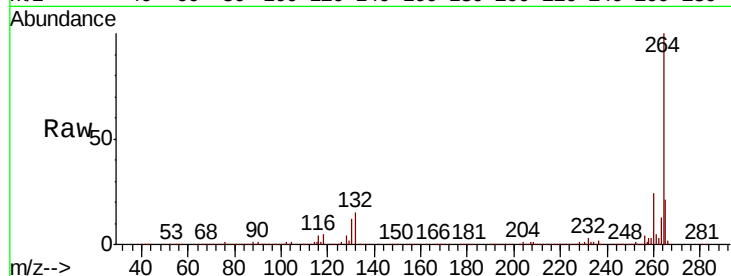


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 965349

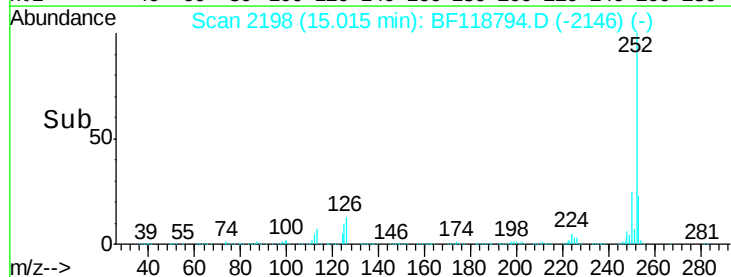
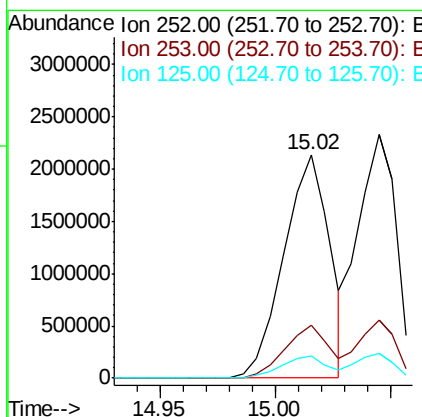
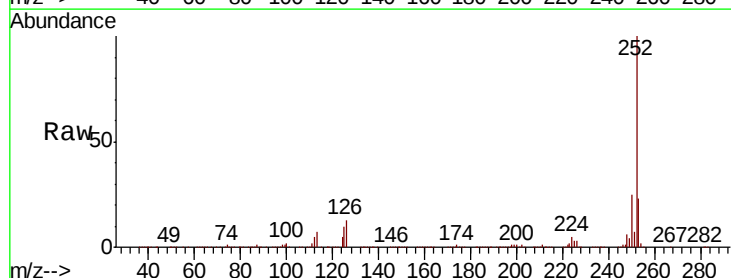
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.5	17.2	25.8

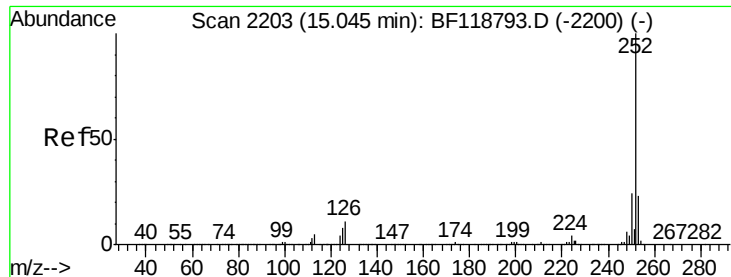


#88
Benzo(b)fluoranthene
Concen: 48.469 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:252 Resp: 2941056

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.8	8.1	12.1

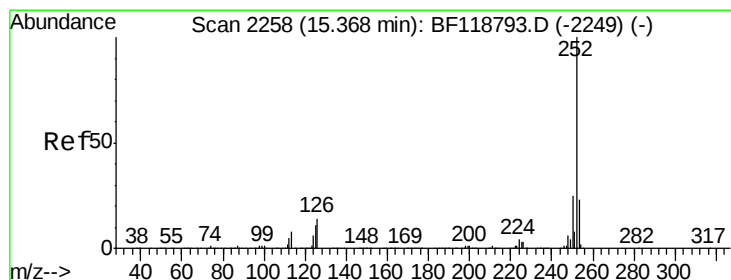
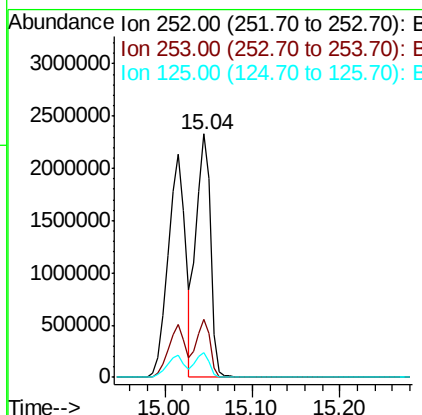
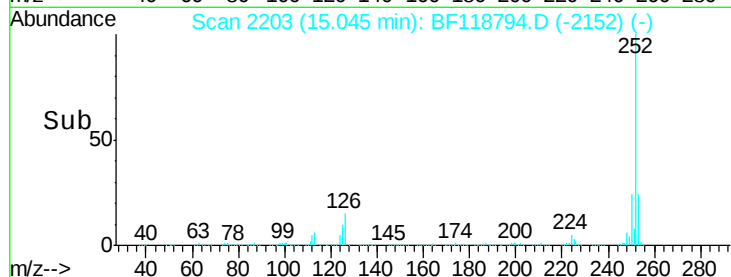
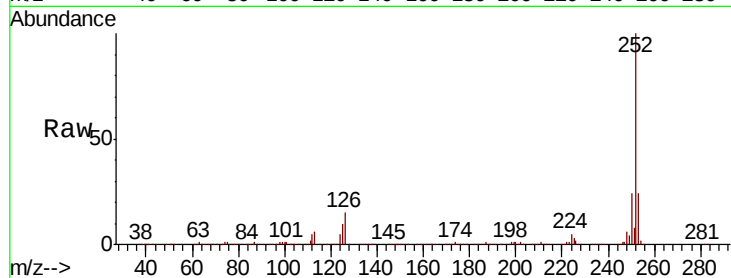




#89
Benzo(k)fluoranthene
Concen: 47.986 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

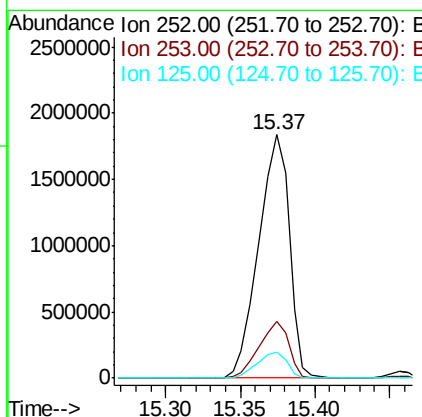
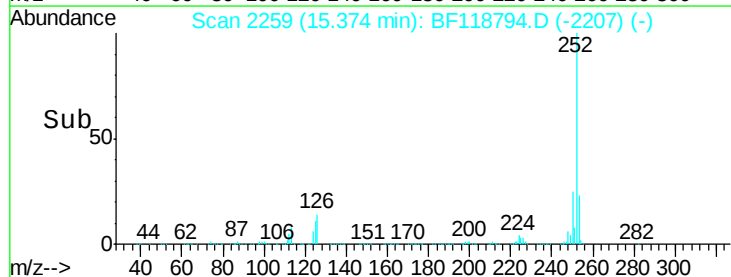
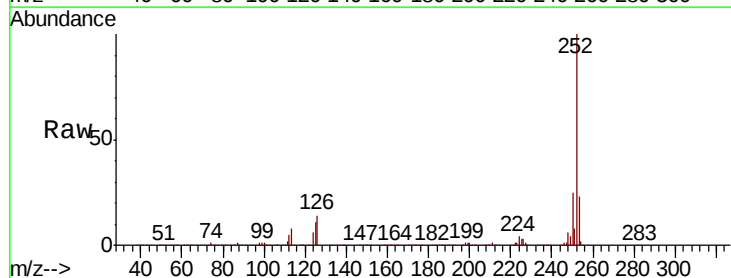
Instrument :
BNA_F
ClientSampleId :

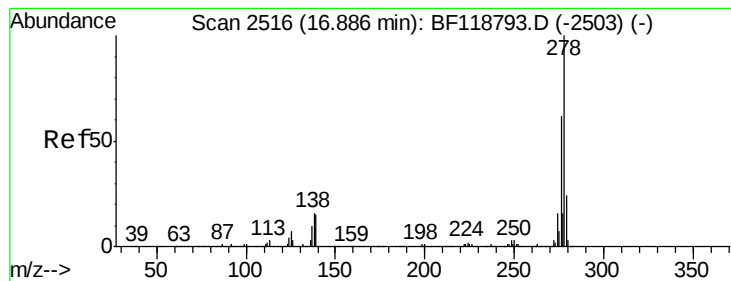
Tot Ion:252 Resp: 2697599
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 10.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 49.710 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:252 Resp: 2601995
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.9 8.7 13.1

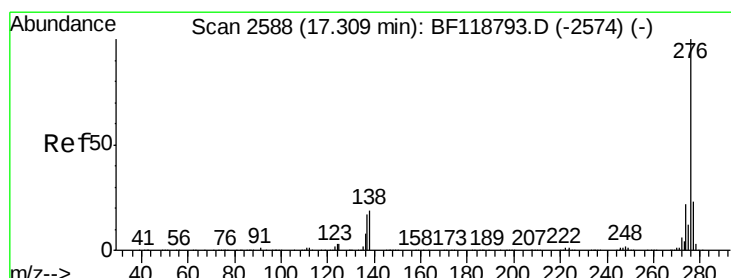
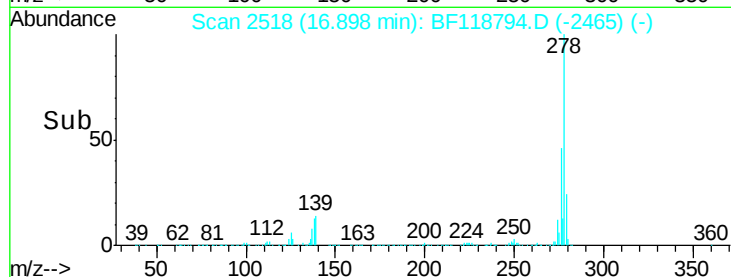
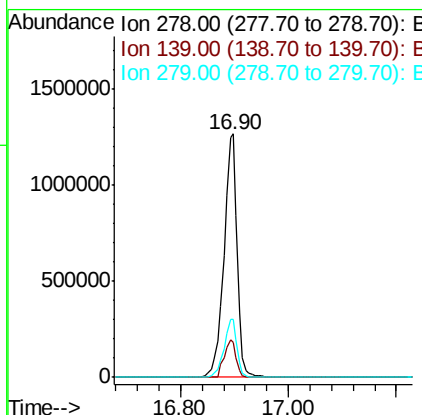
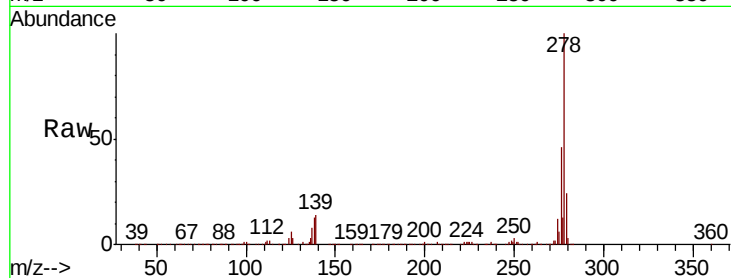




#91
Dibenzo(a,h)anthracene
Concen: 47.481 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2198440
Ion Ratio Lower Upper
278 100
139 14.1 12.3 18.5
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.151 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:276 Resp: 2074748
Ion Ratio Lower Upper
276 100
277 24.2 18.7 28.1
138 20.0 15.4 23.2

