

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118831.D
 Acq On : 6 Feb 2020 9:59
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 17:14:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	318804	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1231342	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	686933	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1360743	20.00	ng	0.00
76) Chrysene-d12	13.97	240	986356	20.00	ng	0.00
87) Perylene-d12	15.42	264	915852	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1468271	87.18	ng	0.00
7) Phenol-d6	6.46	99	1850271	88.50	ng	0.00
23) Nitrobenzene-d5	7.39	82	1784500	86.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	749454	91.18	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3303255	85.96	ng	0.00
79) Terphenyl-d14	12.92	244	4080162	84.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	321798	41.926	ng	99
3) Pyridine	3.29	79	913047	42.840	ng	99
4) n-Nitrosodimethylamine	3.24	42	347138	44.736	ng	93
6) Aniline	6.49	93	1197367	44.468	ng	100
8) 2-Chlorophenol	6.61	128	812975	43.338	ng	98
9) Benzaldehyde	6.37	77	519015	44.920	ng	99
10) Phenol	6.47	94	1023117	44.012	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	800037	44.984	ng	99
12) 1,3-Dichlorobenzene	6.76	146	964563	43.198	ng	97
13) 1,4-Dichlorobenzene	6.84	146	979245	43.966	ng	98
14) 1,2-Dichlorobenzene	6.99	146	914955	43.004	ng	98
15) Benzyl Alcohol	6.96	79	738544	45.702	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	998202	45.831	ng	98
17) 2-Methylphenol	7.07	107	702699	45.056	ng	99
18) Hexachloroethane	7.33	117	367258	45.942	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	575719	45.007	ng	99
20) 3+4-Methylphenols	7.23	107	793032	40.567	ng	92
22) Acetophenone	7.23	105	1129440	42.218	ng	99
24) Nitrobenzene	7.40	77	891705	43.208	ng	96
25) Isophorone	7.65	82	1612259	43.425	ng	98
26) 2-Nitrophenol	7.72	139	490384	44.593	ng	100
27) 2,4-Dimethylphenol	7.76	122	649897	43.505	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	1040019	43.199	ng	100
29) 2,4-Dichlorophenol	7.96	162	752336	42.054	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	893538	42.731	ng	99
31) Naphthalene	8.12	128	2397825	42.578	ng	99
32) Benzoic acid	7.90	122	548559	44.352	ng	98
33) 4-Chloroaniline	8.17	127	1087068	43.145	ng	98
34) Hexachlorobutadiene	8.25	225	555448	43.357	ng	100
35) Caprolactam	8.56	113	258519	44.576	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	801267	44.505	ng	99
37) 2-Methylnaphthalene	8.82	142	1685783	43.161	ng	98
38) 1-Methylnaphthalene	8.92	142	1549523	42.172	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	908566	43.824	ng	99

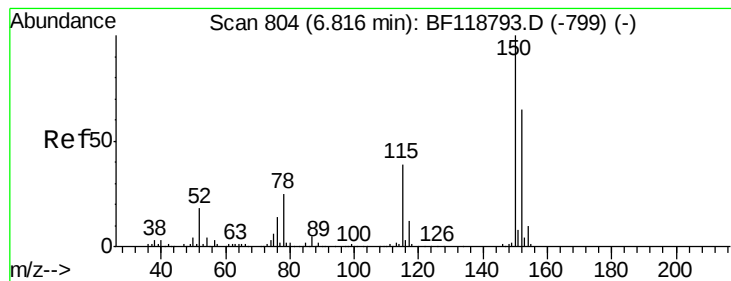
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118831.D
 Acq On : 6 Feb 2020 9:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 17:14:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	342226	42.097	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	619048	44.652	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	632530	44.653	ng	96
46) 1,1'-Biphenyl	9.28	154	2084671	43.871	ng	100
47) 2-Chloronaphthalene	9.30	162	1748856	44.271	ng	100
48) 2-Nitroaniline	9.40	65	526186	46.182	ng	97
49) Acenaphthylene	9.72	152	2427023	42.551	ng	100
50) Dimethylphthalate	9.58	163	2068638	44.227	ng	100
51) 2,6-Dinitrotoluene	9.64	165	473083	44.204	ng	97
52) Acenaphthene	9.89	154	1598054	42.518	ng	100
53) 3-Nitroaniline	9.81	138	511651	43.108	ng	95
54) 2,4-Dinitrophenol	9.92	184	235110	45.697	ng	93
55) Dibenzofuran	10.06	168	2234629	41.140	ng	99
56) 4-Nitrophenol	9.97	139	366408	42.654	ng	98
57) 2,4-Dinitrotoluene	10.05	165	636550	44.944	ng	91
58) Fluorene	10.40	166	1755423	42.958	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	559033	45.189	ng	99
60) Diethylphthalate	10.28	149	2096507	46.095	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	954443	43.068	ng	97
62) 4-Nitroaniline	10.43	138	557270	46.885	ng	97
63) Azobenzene	10.56	77	1763836	45.425	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	357468	46.751	ng	94
66) n-Nitrosodiphenylamine	10.52	169	1705898	43.280	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	695633	43.215	ng	98
68) Hexachlorobenzene	10.96	284	790055	42.791	ng	96
69) Atrazine	11.04	200	543225	41.368	ng	99
70) Pentachlorophenol	11.14	266	414463	42.514	ng	99
71) Phenanthrene	11.36	178	2765784	41.311	ng	100
72) Anthracene	11.42	178	2711600	40.712	ng	99
73) Carbazole	11.57	167	2512259	42.980	ng	100
74) Di-n-butylphthalate	11.90	149	3127176	41.998	ng	99
75) Fluoranthene	12.55	202	2988541	40.884	ng	98
77) Benzidine	12.67	184	1267404	42.483	ng	100
78) Pyrene	12.78	202	2868108	42.386	ng	99
80) Butylbenzylphthalate	13.39	149	1367572	44.279	ng	99
81) Benzo(a)anthracene	13.97	228	2515365	42.856	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	1049234	43.707	ng	99
83) Chrysene	14.00	228	2489868	42.267	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1723246	43.978	ng	99
85) Di-n-octyl phthalate	14.56	149	2660452	39.632	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2046619	34.579	ng	100
88) Benzo(b)fluoranthene	15.00	252	2452486	43.155	ng	100
89) Benzo(k)fluoranthene	15.03	252	2288435	46.242	ng	99
90) Benzo(a)pyrene	15.36	252	2126086	43.714	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1699158	39.355	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1590038	38.293	ng	98

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

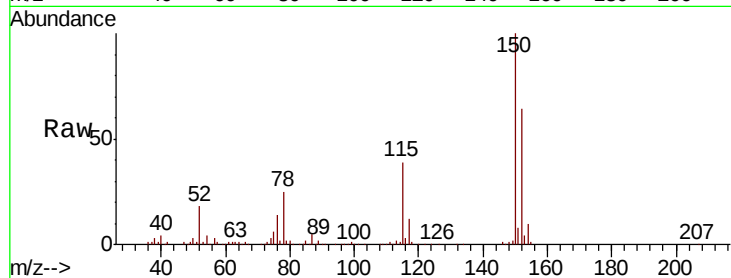


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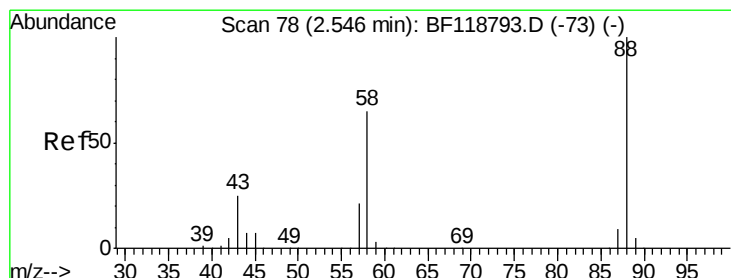
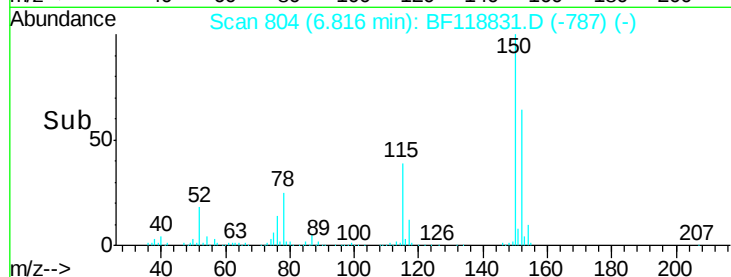
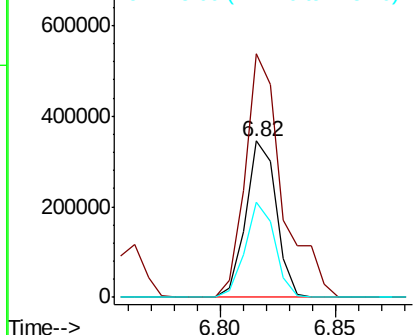
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 318804
Ion Ratio Lower Upper
152 100
150 155.6 123.6 185.4
115 60.8 48.2 72.2



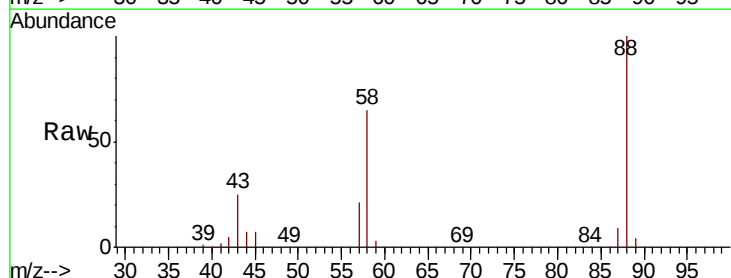
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



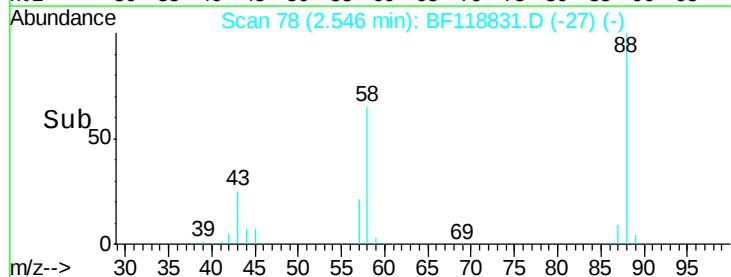
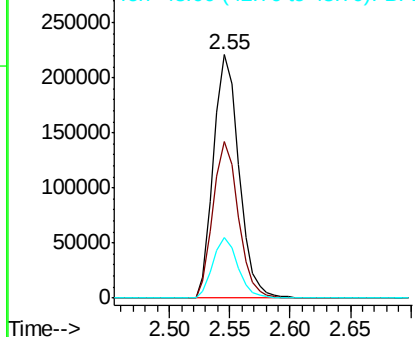
#2

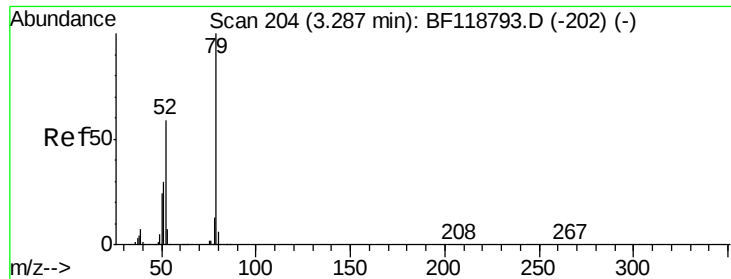
1,4-Dioxane
Concen: 41.926 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion: 88 Resp: 321798
Ion Ratio Lower Upper
88 100
58 64.0 51.6 77.4
43 24.5 19.8 29.6



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





#3

Pvridine

Concen: 42.840 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

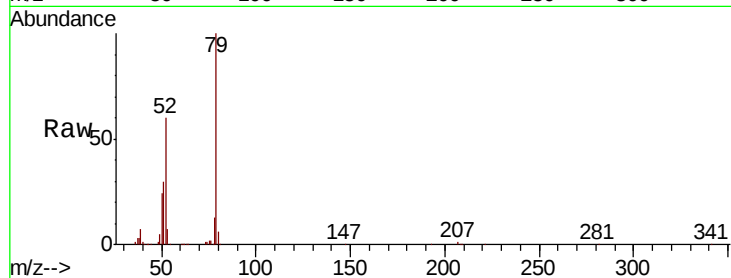
Tot Ion: 79 Resp: 913047

Ion Ratio Lower Upper

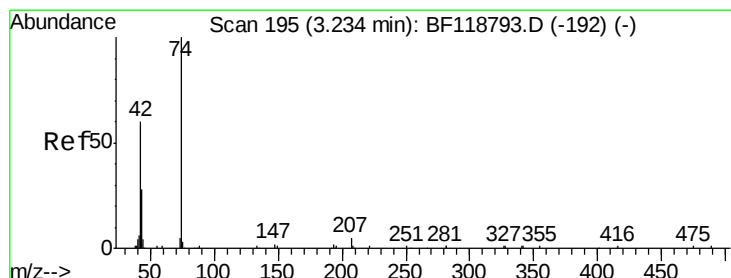
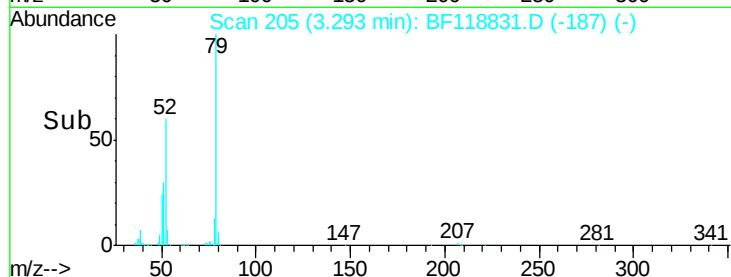
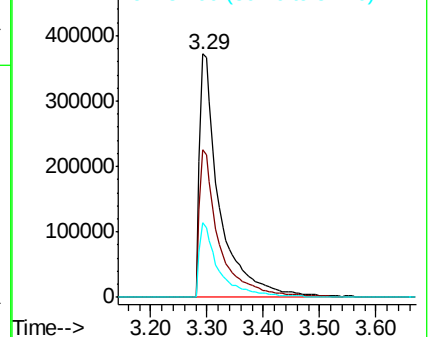
79 100

52 60.4 47.4 71.0

51 30.5 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: 44.736 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

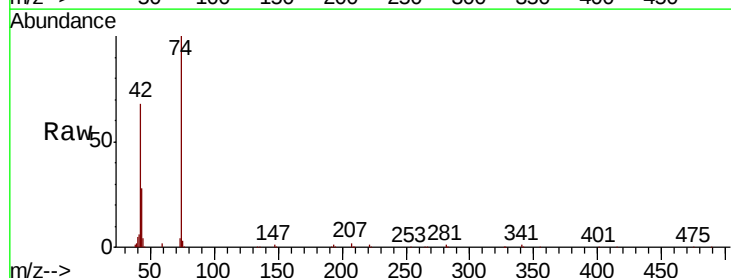
Tgt Ion: 42 Resp: 347138

Ion Ratio Lower Upper

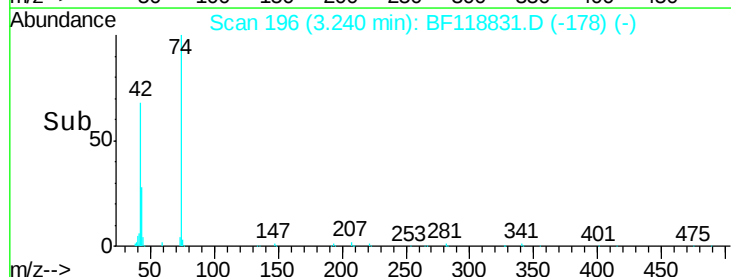
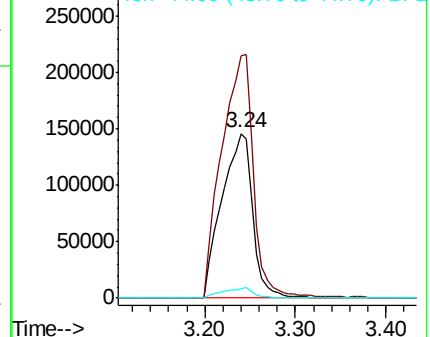
42 100

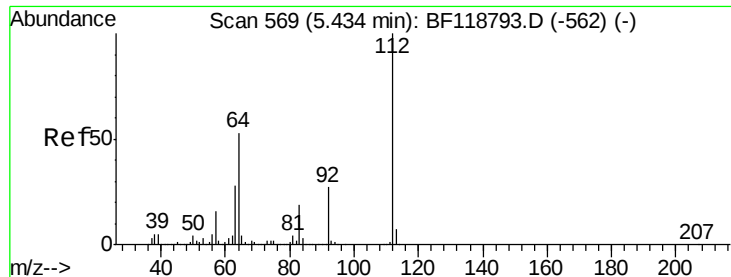
74 146.7 124.3 186.5

44 6.0 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: 87.180 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

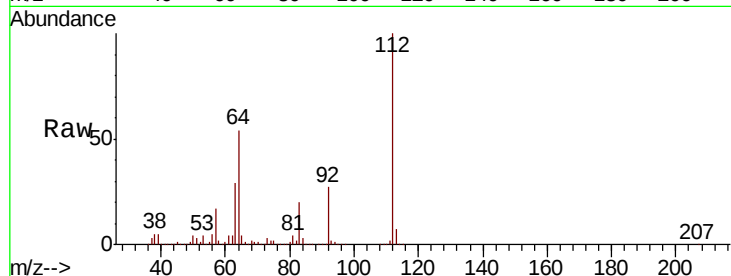
Tot Ion:112 Resp: 1468271

Ion Ratio Lower Upper

112 100

64 54.4 42.6 63.8

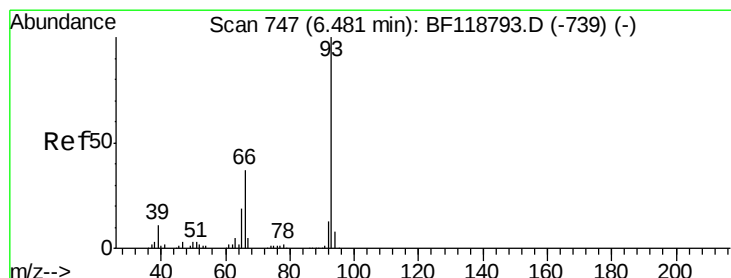
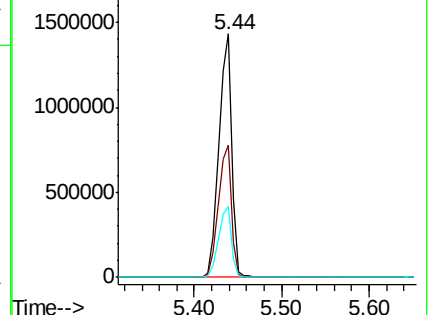
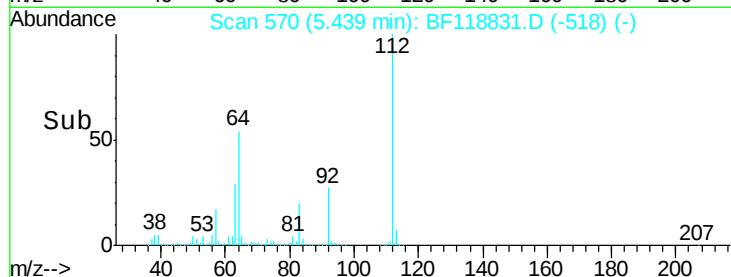
63 29.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 44.468 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

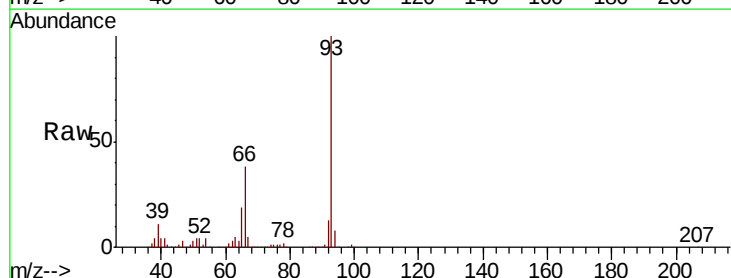
Tgt Ion: 93 Resp: 1197367

Ion Ratio Lower Upper

93 100

66 38.4 30.8 46.2

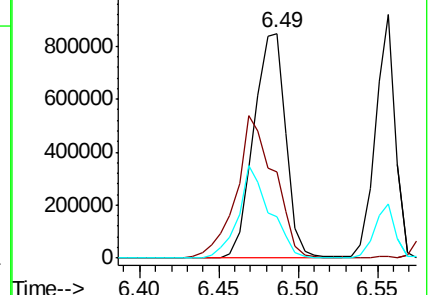
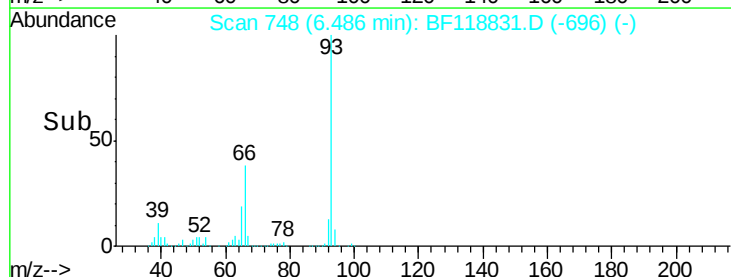
65 18.7 15.4 23.0

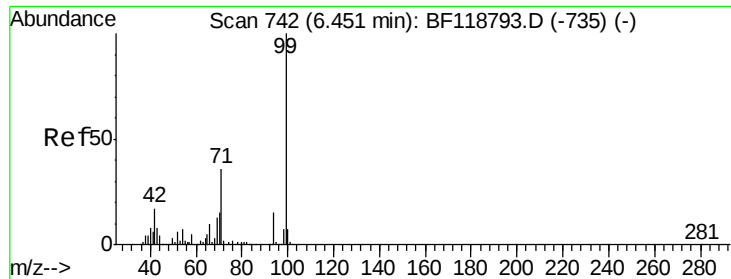


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.501 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

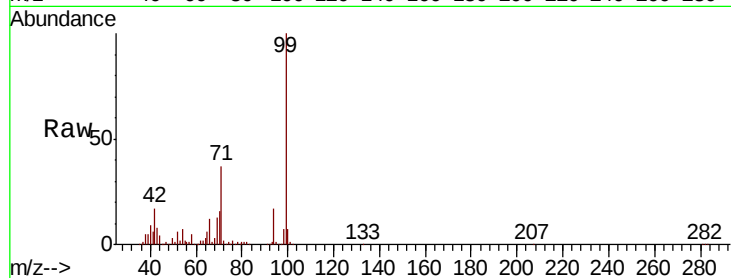
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1850271

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.0
71	36.8	29.0	43.6

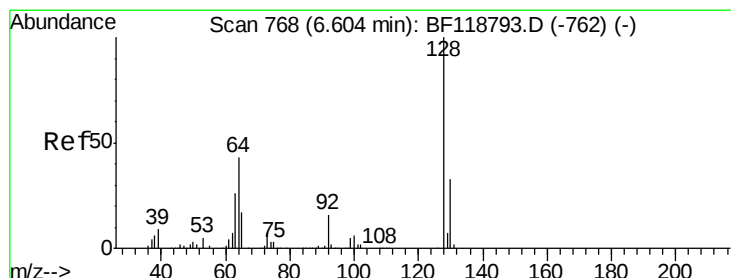
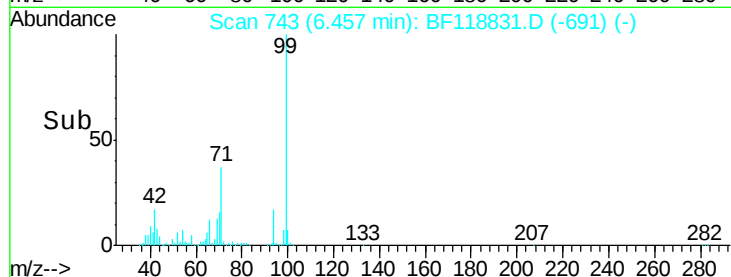
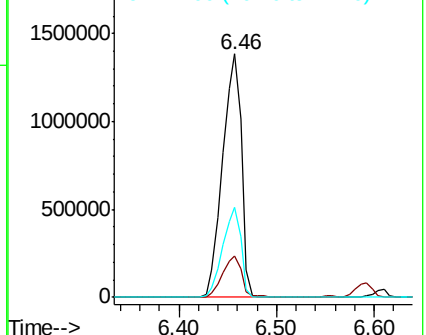


Abundance

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: 43.338 ng

RT: 6.61 min Scan# 769

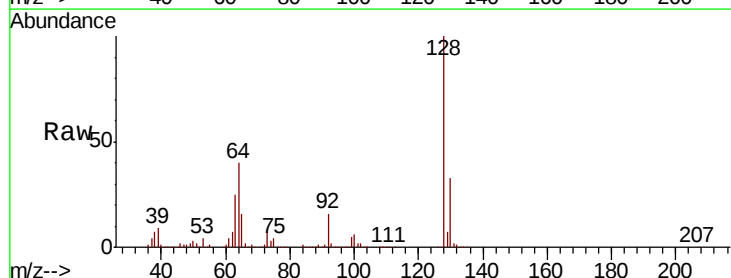
Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Tgt Ion: 128 Resp: 812975

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	40.3	23.0	63.0

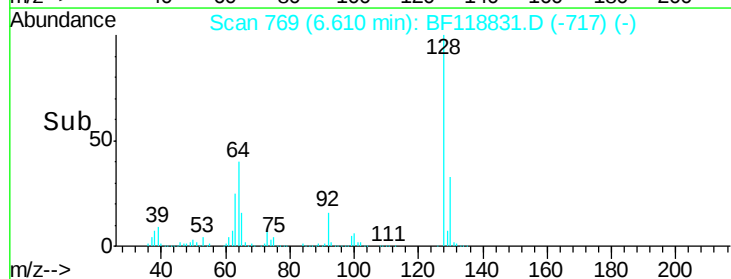
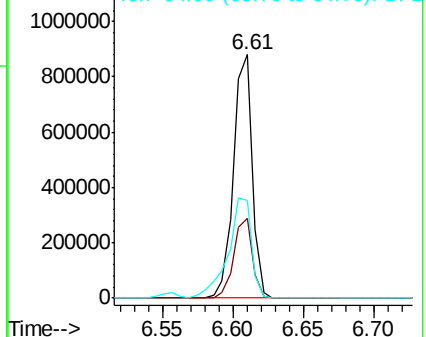


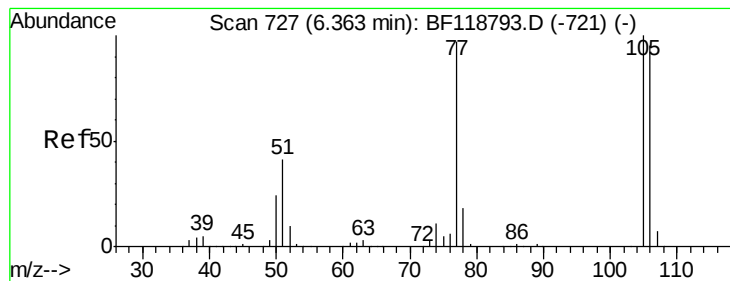
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.920 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

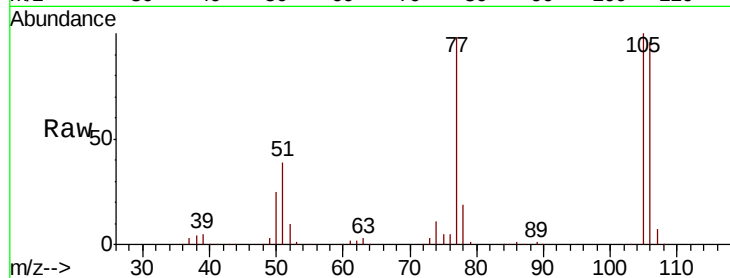
Tot Ion: 77 Resp: 519015

Ion Ratio Lower Upper

77 100

105 102.2 82.8 122.8

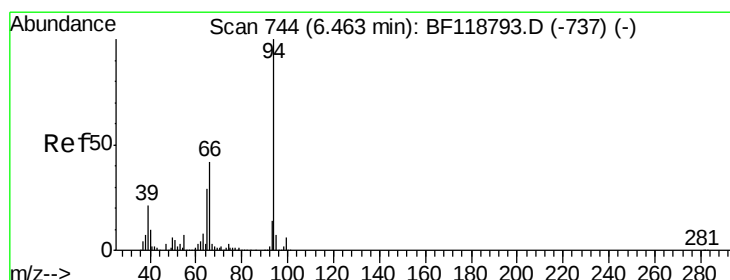
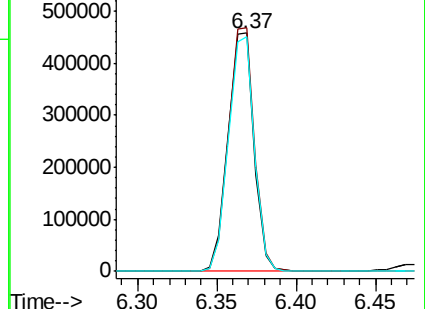
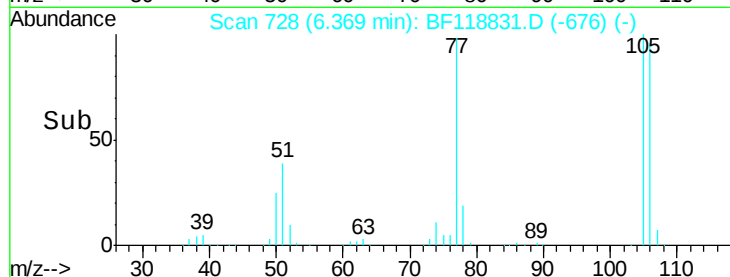
106 98.6 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.012 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

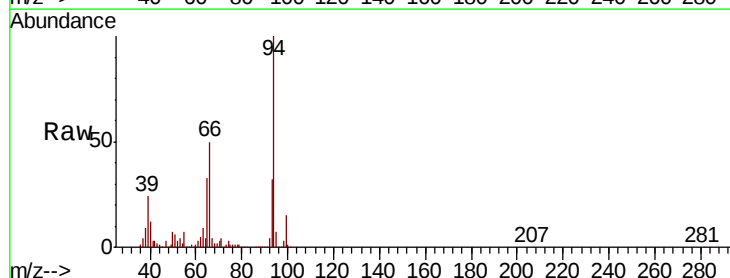
Tgt Ion: 94 Resp: 1023117

Ion Ratio Lower Upper

94 100

65 33.0 9.1 49.1

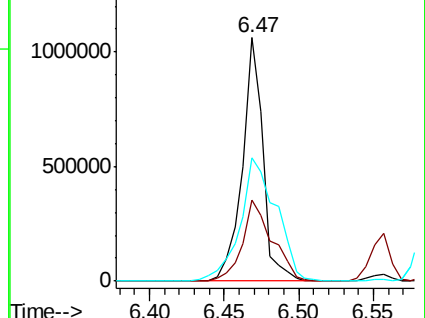
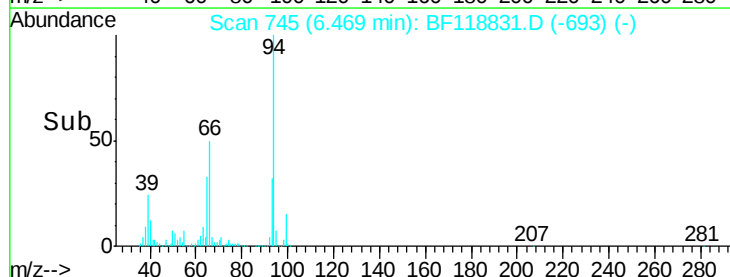
66 50.5 21.7 61.7

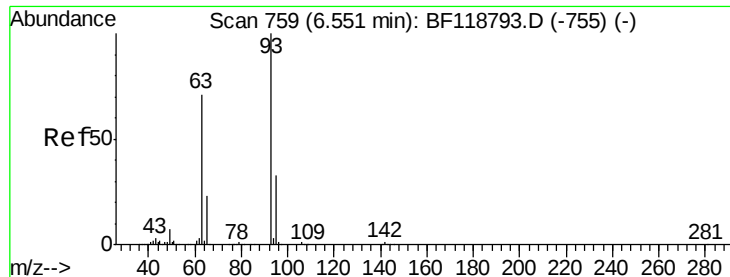


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

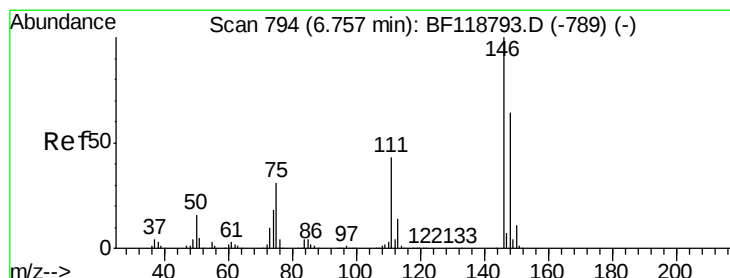
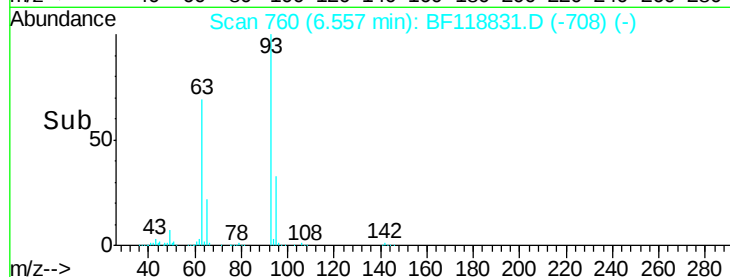
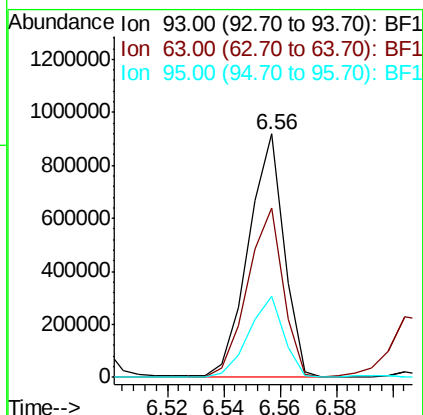
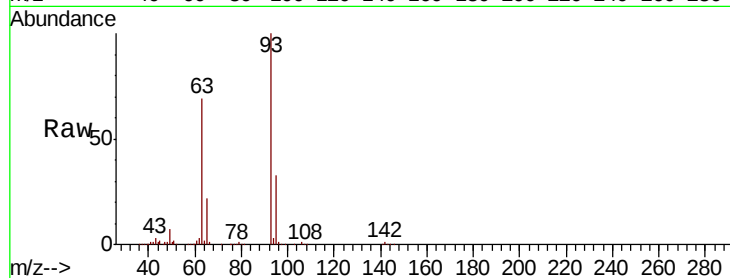




#11
bis(2-Chloroethyl)ether
Concen: 44.984 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

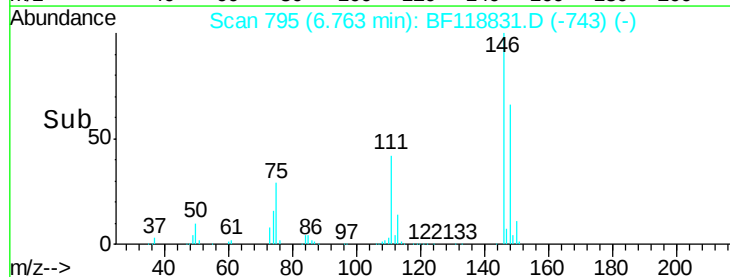
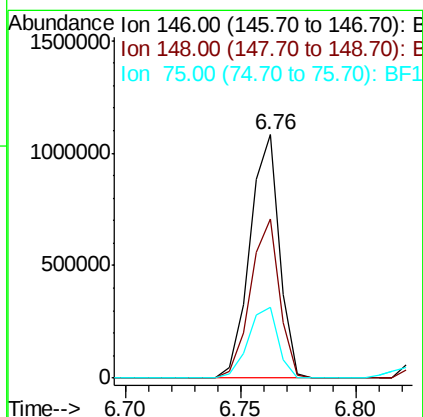
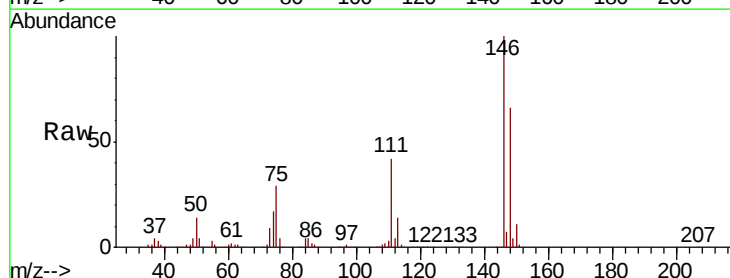
Instrument :
BNA_F
ClientSampleId :

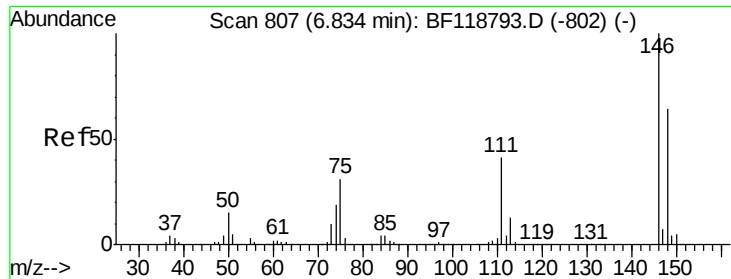
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.5	50.7	90.7
95	33.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.198 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
75	29.1	25.0	37.4

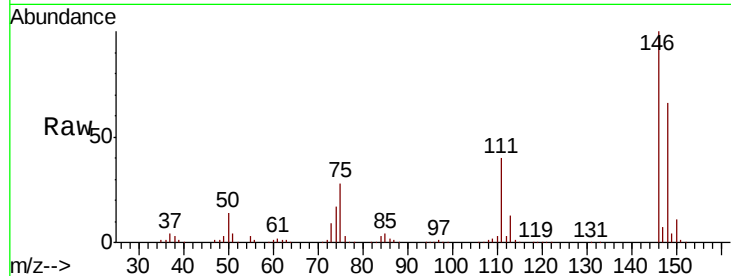




#13
 1,4-Dichlorobenzene
 Concen: 43.966 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.6	77.4
111	40.2	32.9	49.3

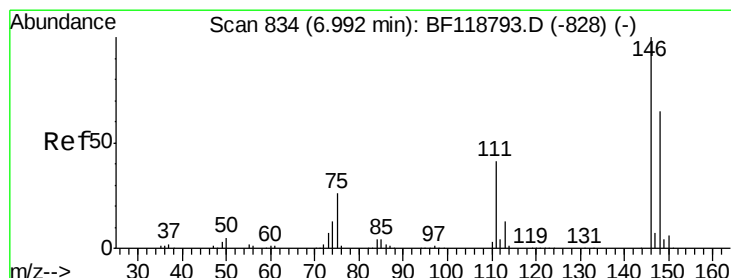
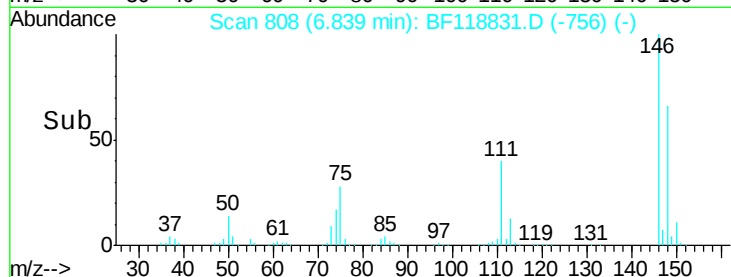
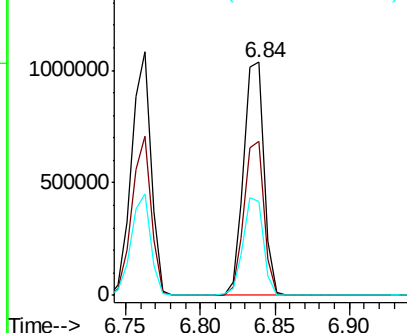


Abundance

Ion 146.00 (145.70 to 146.70): E

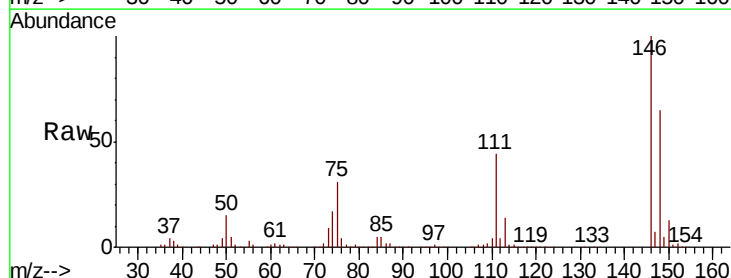
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.004 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	43.6	32.7	49.1

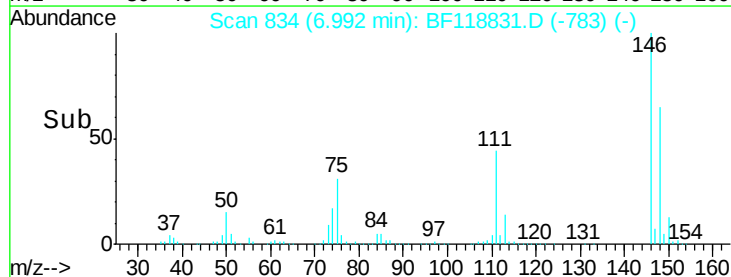
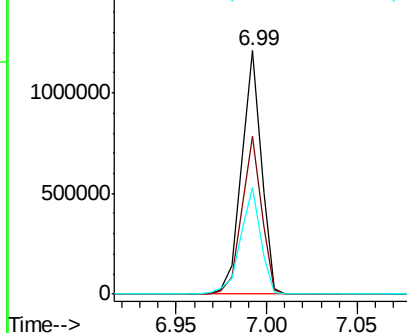


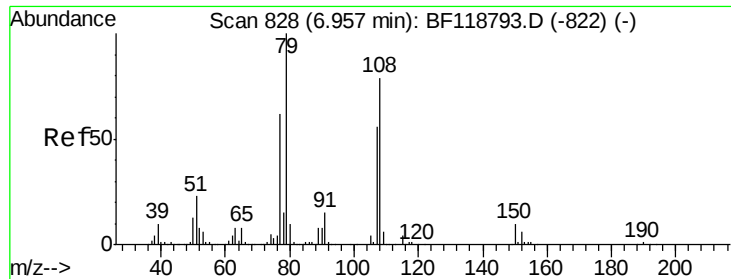
Abundance

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

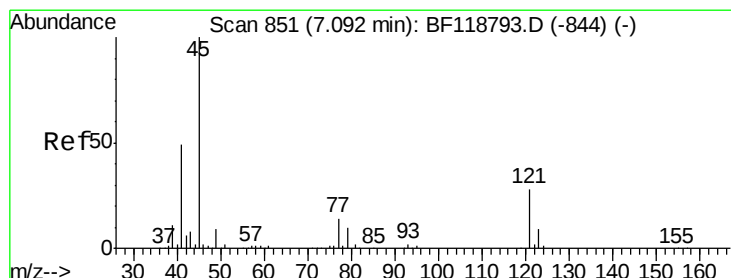
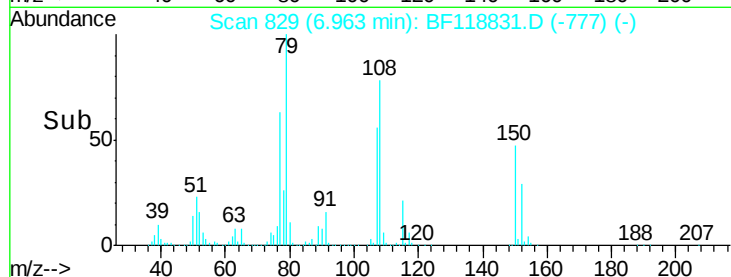
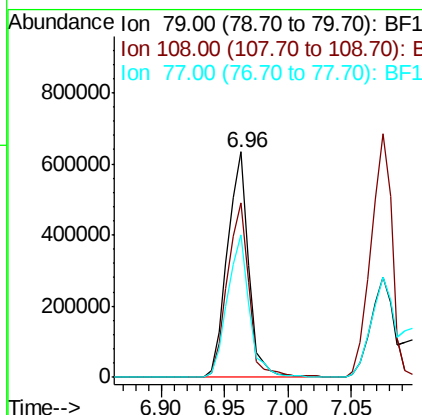
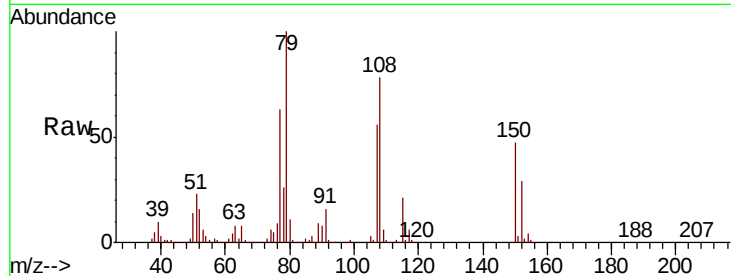




#15
Benzyl Alcohol
Concen: 45.702 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

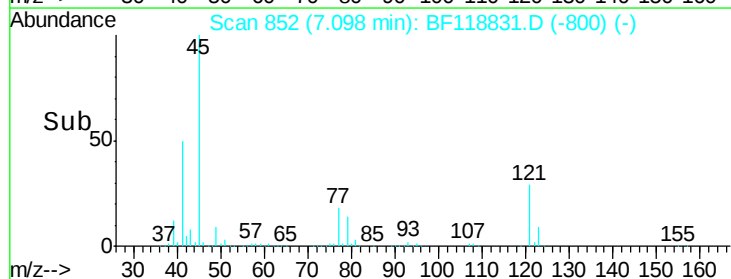
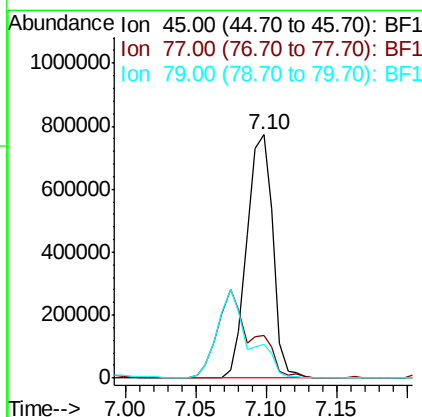
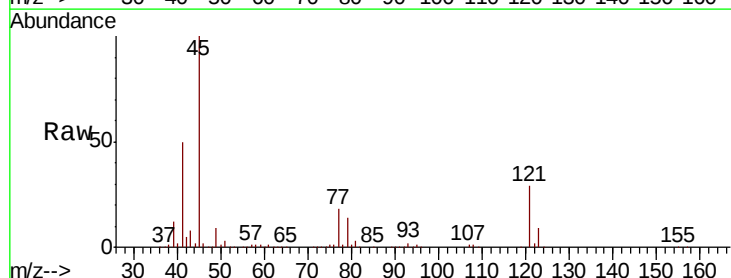
Instrument :
BNA_F
ClientSampled :

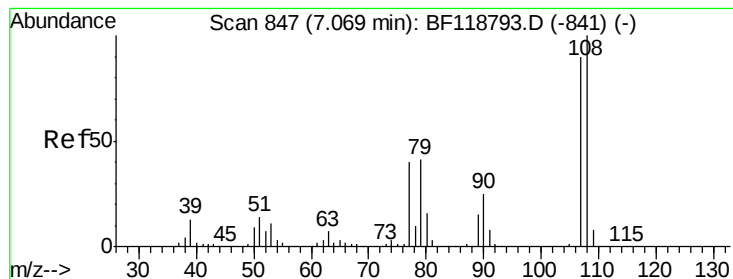
Tot Ion: 79 Resp: 738544
Ion Ratio Lower Upper
79 100
108 77.6 62.9 94.3
77 63.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.831 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion: 45 Resp: 998202
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.1
79 13.8 0.0 33.1

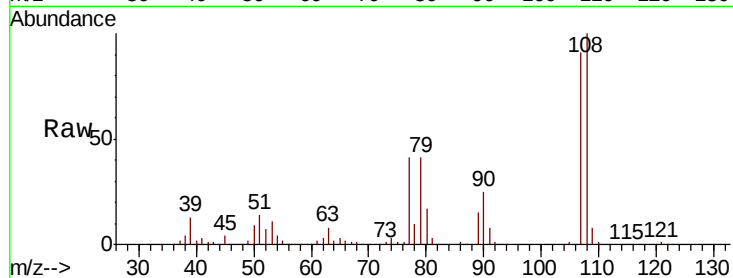




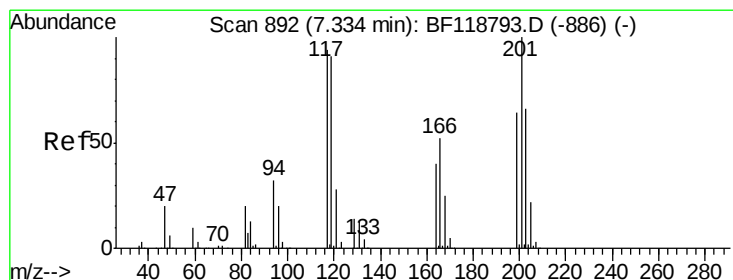
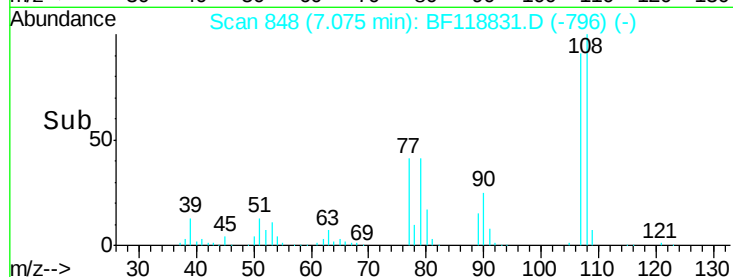
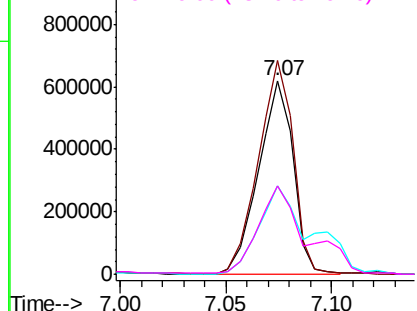
#17
2-Methylphenol
Concen: 45.056 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	702699
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.3	133.9
77	45.5	36.2	54.2
79	45.5	36.3	54.5

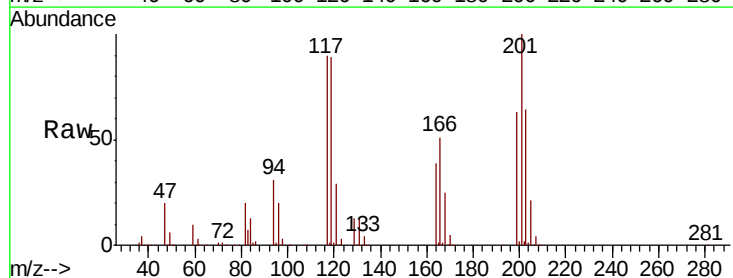


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

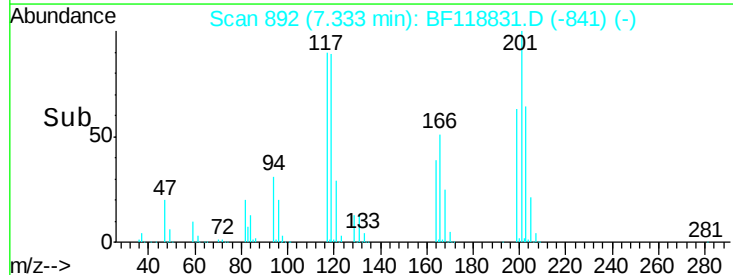
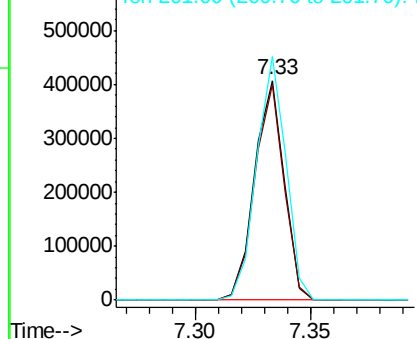


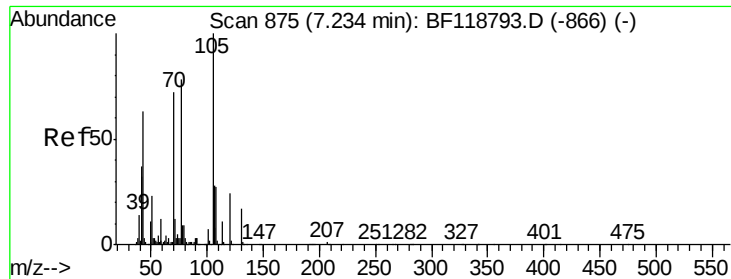
#18
Hexachloroethane
Concen: 45.942 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:	117	Resp:	367258
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
201	110.7	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

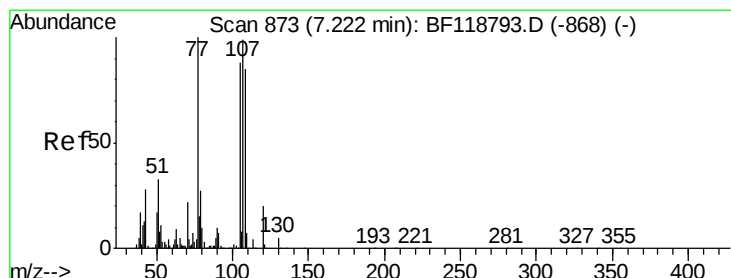
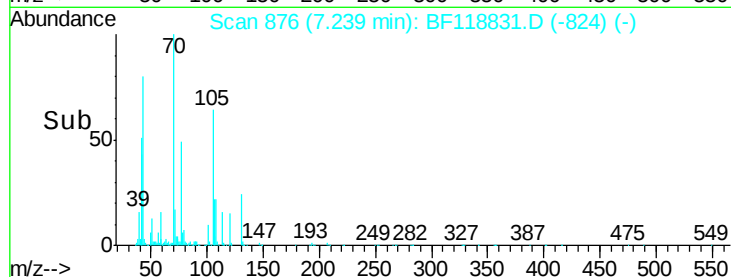
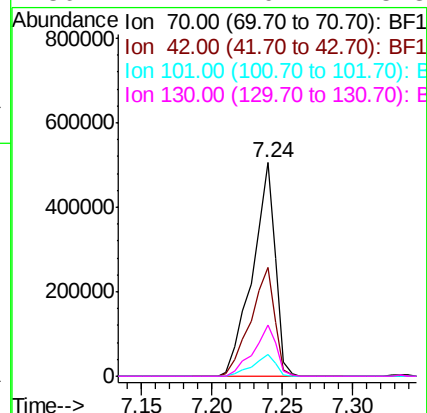
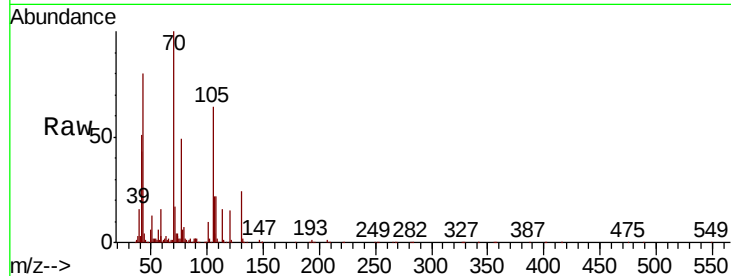




#19
n-Nitroso-di-n-propylamine
Concen: 45.007 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

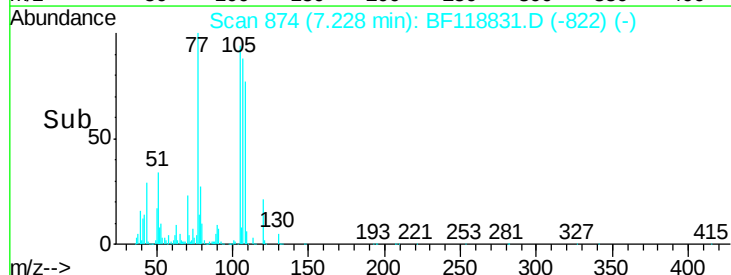
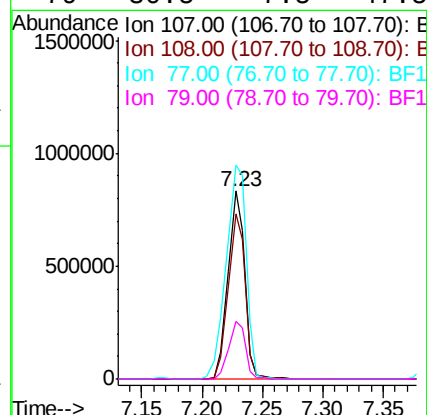
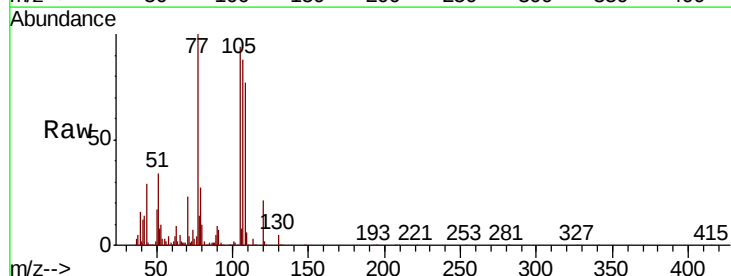
Instrument :
BNA_F
ClientSampleId :

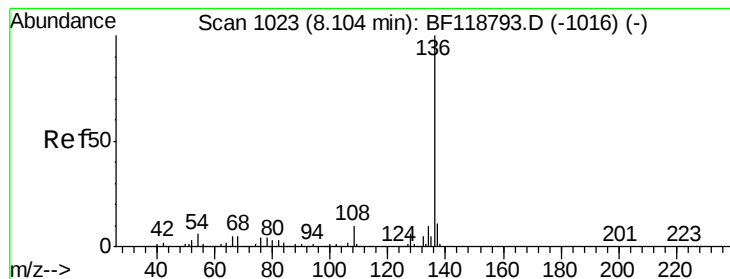
Tot Ion:	70	Resp:	575719
Ion	Ratio	Lower	Upper
70	100		
42	50.7	41.5	62.3
101	10.3	8.3	12.5
130	24.2	19.2	28.8



#20
3+4-Methylphenols
Concen: 40.567 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:	107	Resp:	793032
Ion	Ratio	Lower	Upper
107	100		
108	87.7	65.9	105.9
77	113.8	80.9	120.9
79	30.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1231342

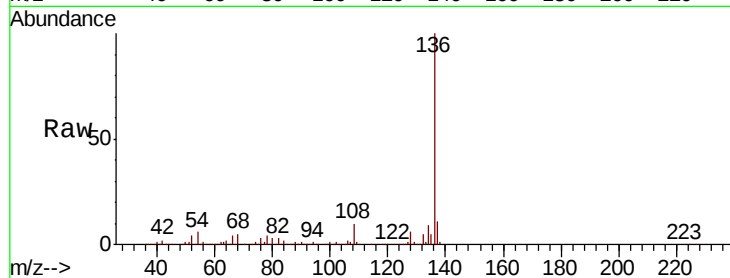
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.1 5.0 7.6

68 5.3 4.2 6.4

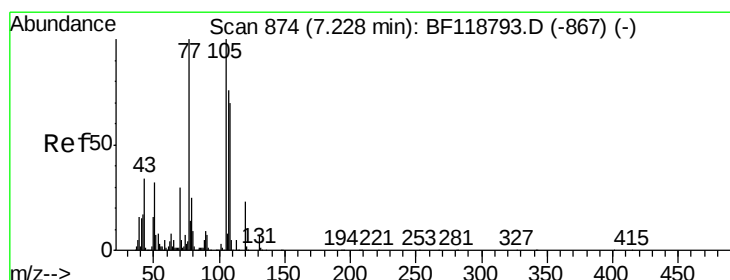
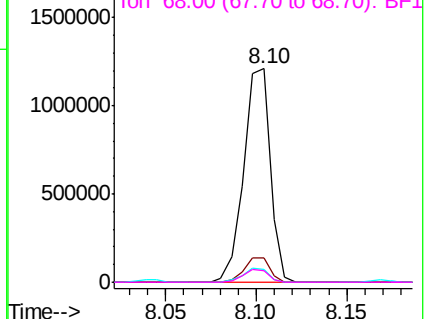
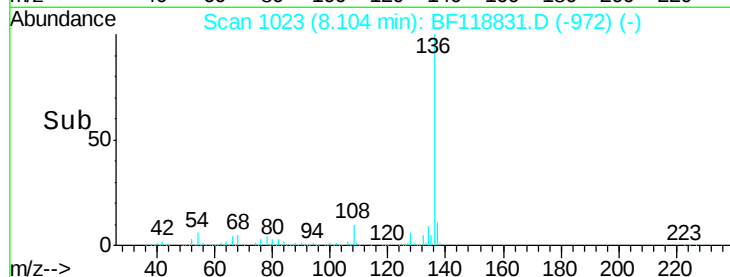


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.218 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Tgt Ion:105 Resp: 1129440

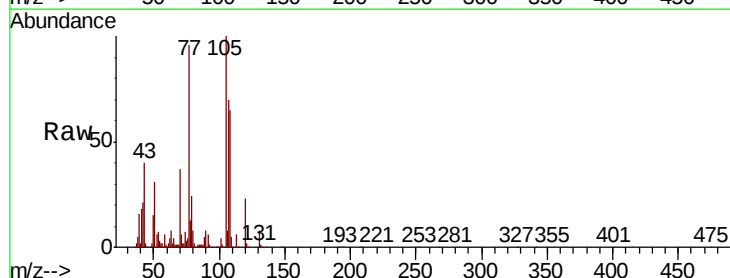
Ion Ratio Lower Upper

105 100

71 6.2 4.2 6.4

51 31.1 25.5 38.3

120 22.8 18.6 28.0

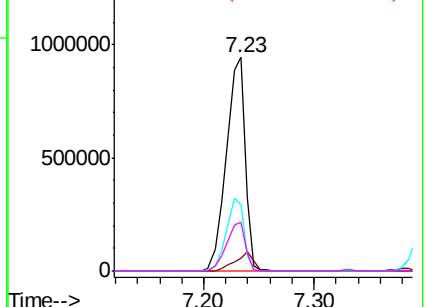
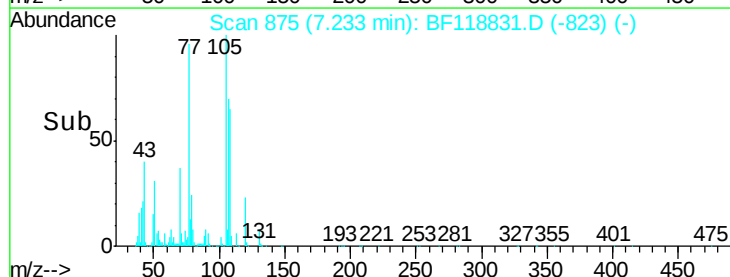


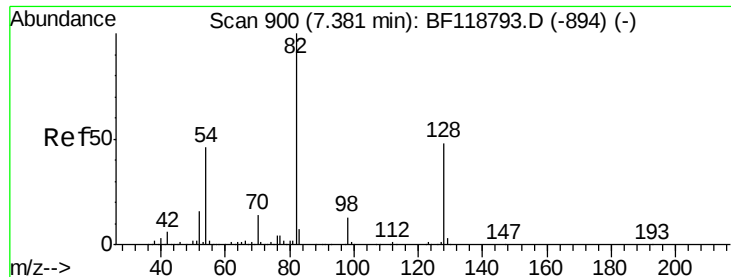
Abundance Ion 105.00 (104.70 to 105.70): E

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

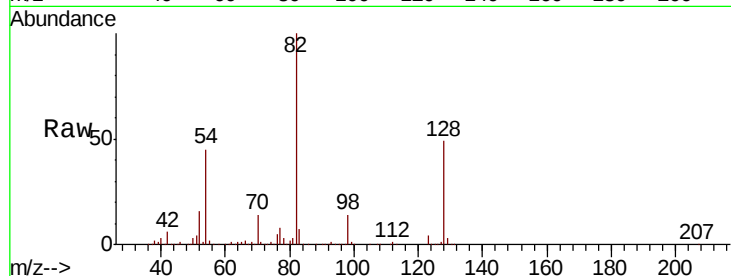




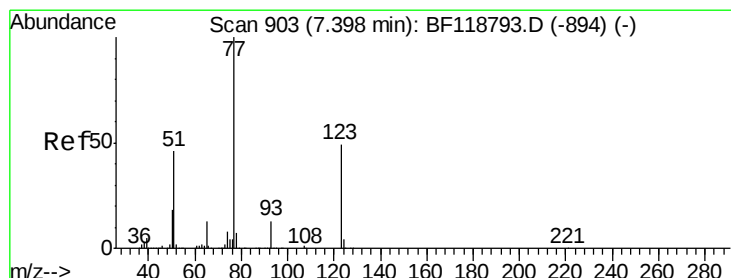
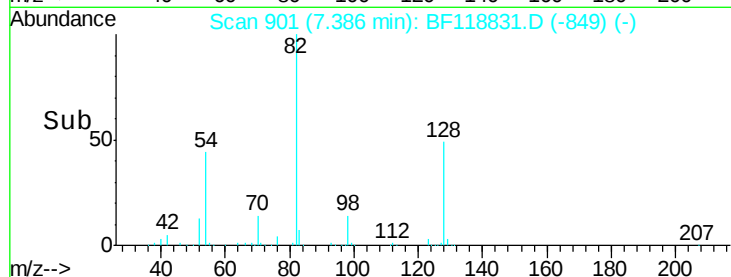
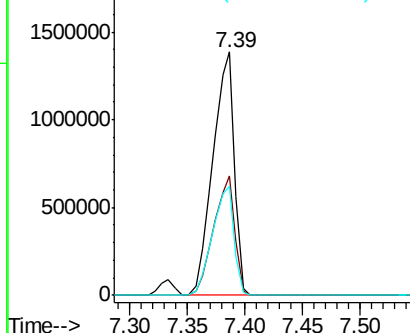
#23
 Nitrobenzene-d5
 Concen: 86.381 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1784500
 Ion Ratio Lower Upper
 82 100
 128 49.0 38.5 57.7
 54 44.9 36.7 55.1

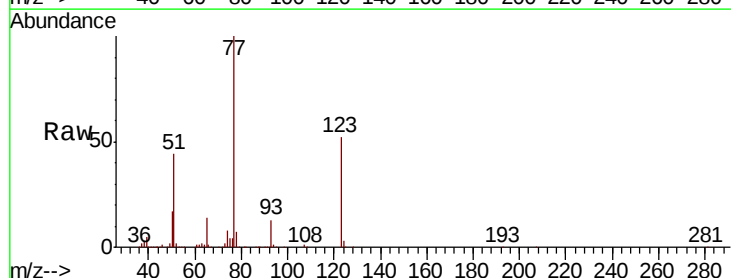


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

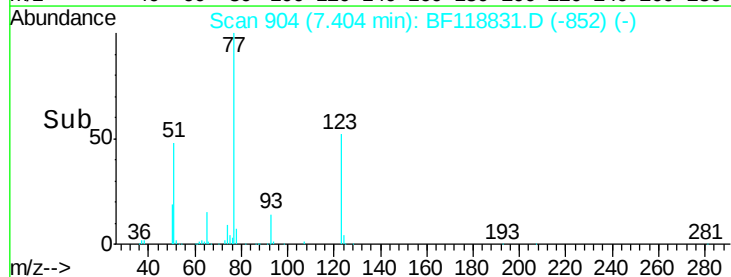
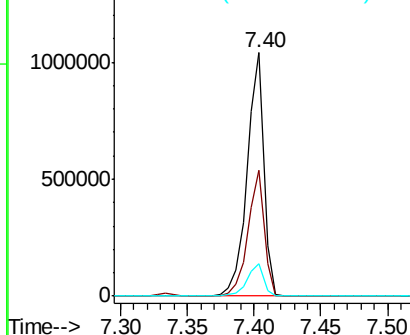


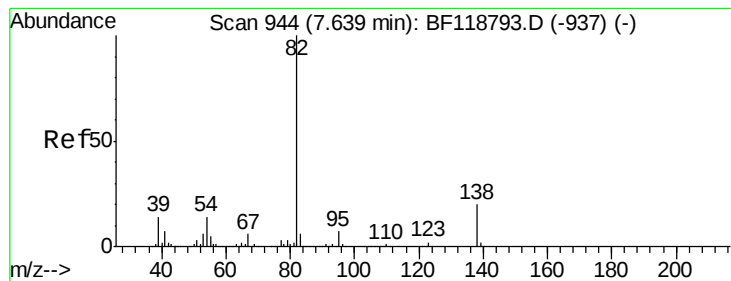
#24
 Nitrobenzene
 Concen: 43.208 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Tgt Ion: 77 Resp: 891705
 Ion Ratio Lower Upper
 77 100
 123 51.7 39.0 58.4
 65 13.5 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: 43.425 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

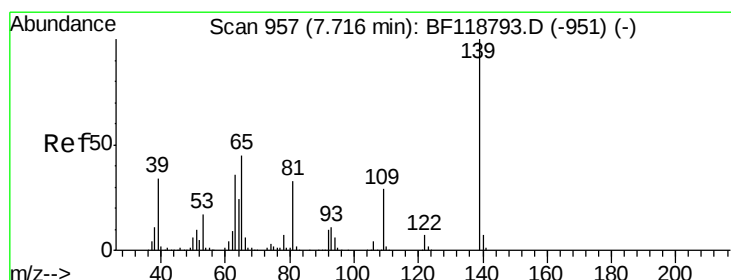
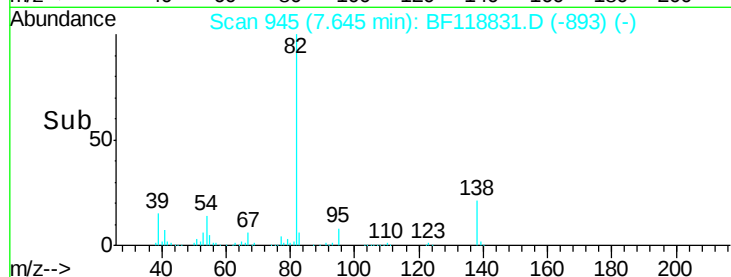
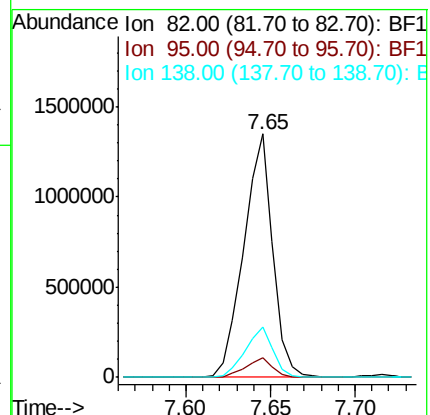
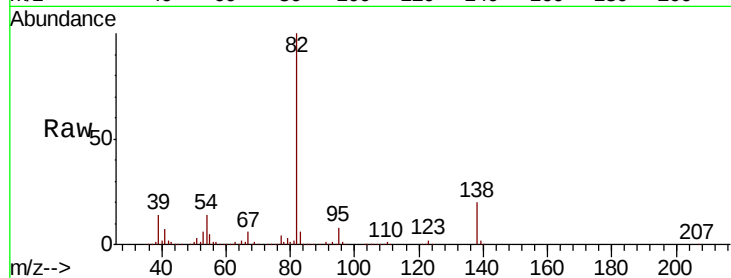
Tot Ion: 82 Resp: 1612259

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

138 20.4 15.7 23.5



#26

2-Nitrophenol

Concen: 44.593 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

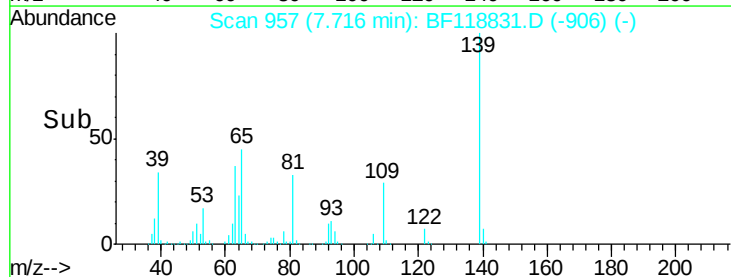
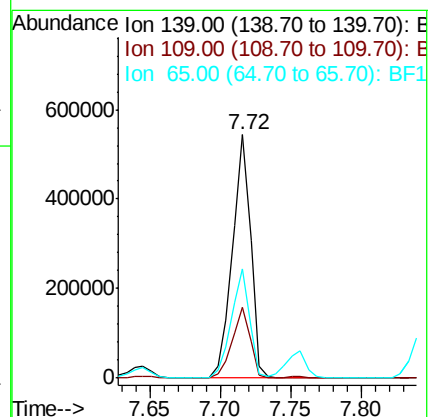
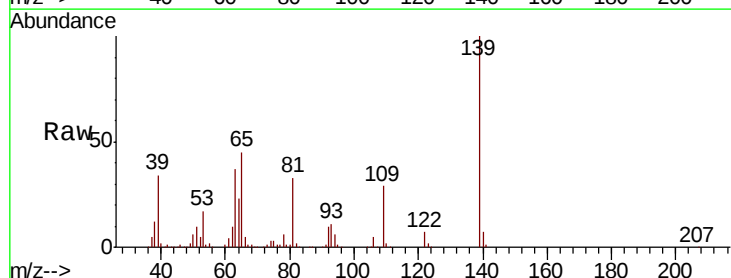
Tgt Ion: 139 Resp: 490384

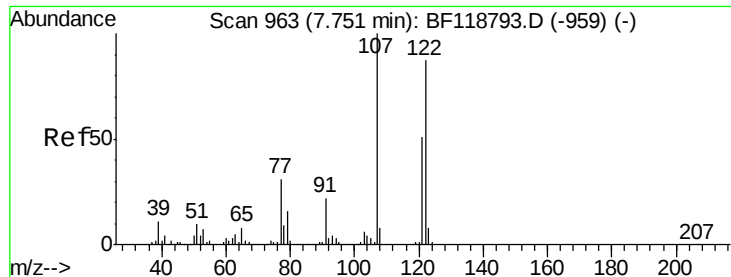
Ion Ratio Lower Upper

139 100

109 29.2 23.4 35.0

65 44.7 36.2 54.2

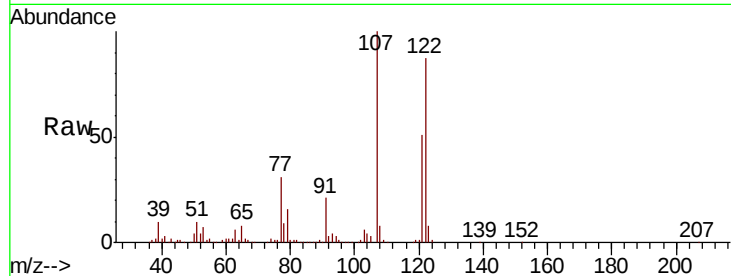




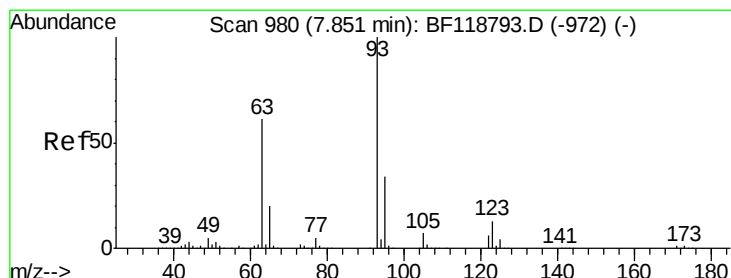
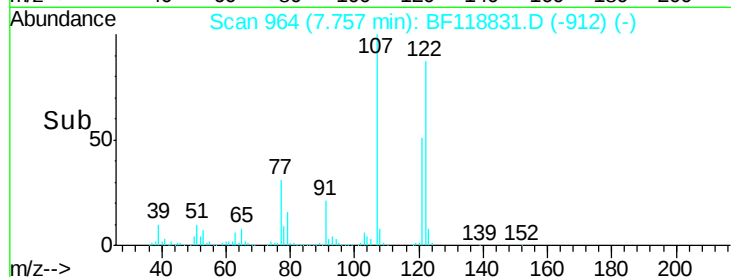
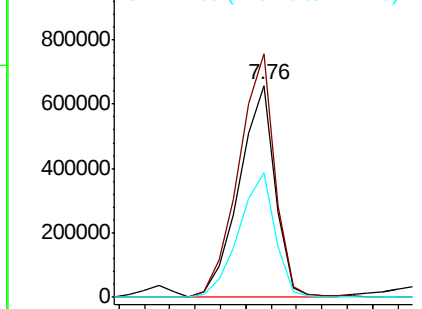
#27
2,4-Dimethylphenol
Concen: 43.505 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 649897
Ion Ratio Lower Upper
122 100
107 114.9 92.2 138.2
121 59.1 46.8 70.2

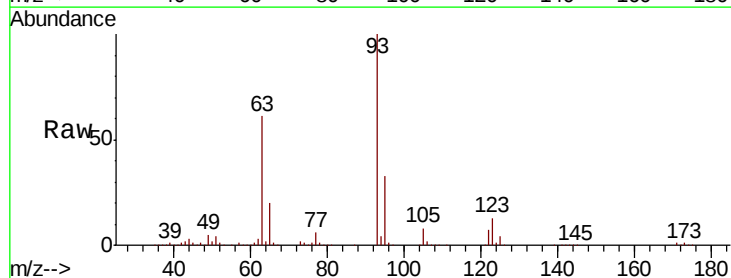


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

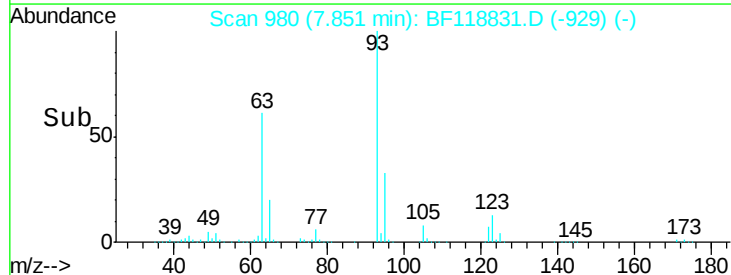
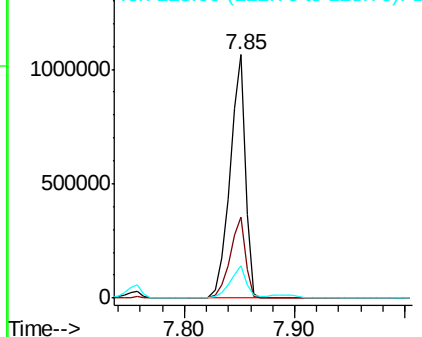


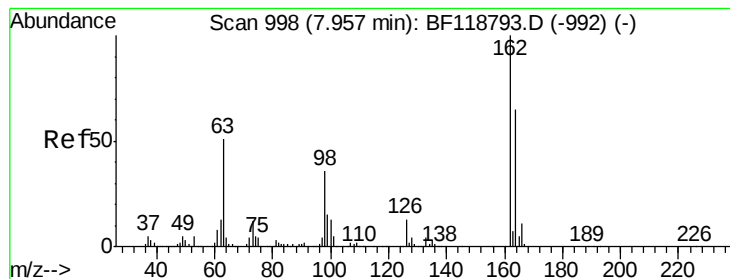
#28
bis(2-Chloroethoxy)methane
Concen: 43.199 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion: 93 Resp: 1040019
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.4
123 13.3 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.054 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampled :

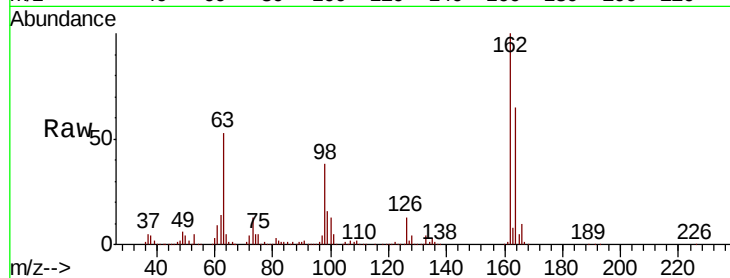
Tot Ion:162 Resp: 752336

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

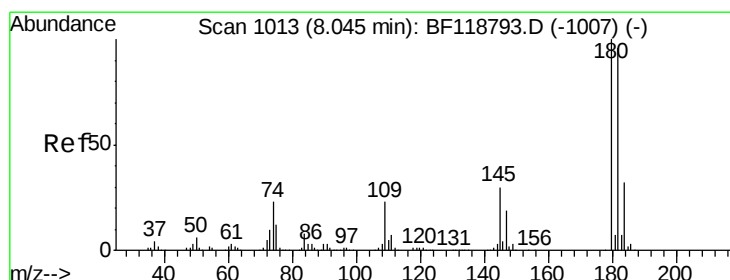
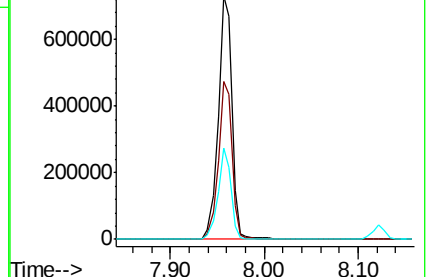
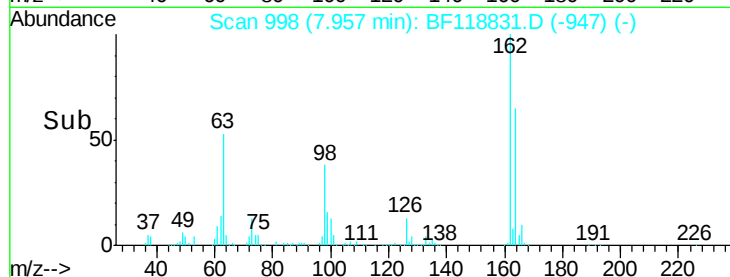
98 37.7 16.4 56.4



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: 42.731 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

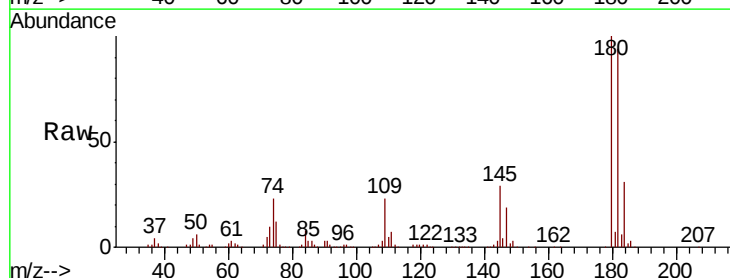
Tgt Ion:180 Resp: 893538

Ion Ratio Lower Upper

180 100

182 94.4 76.6 115.0

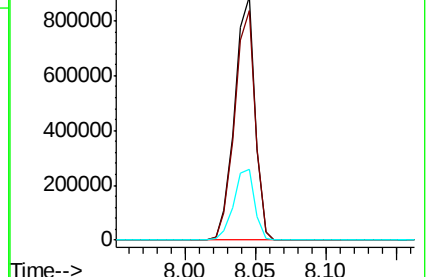
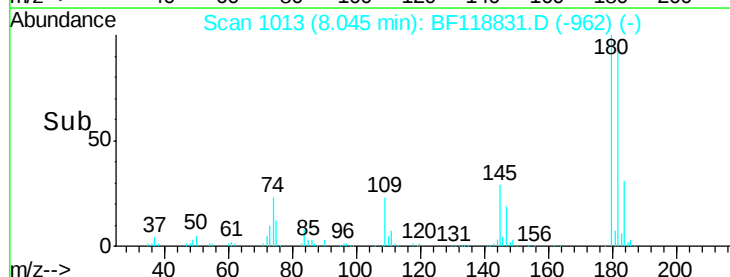
145 29.2 24.0 36.0

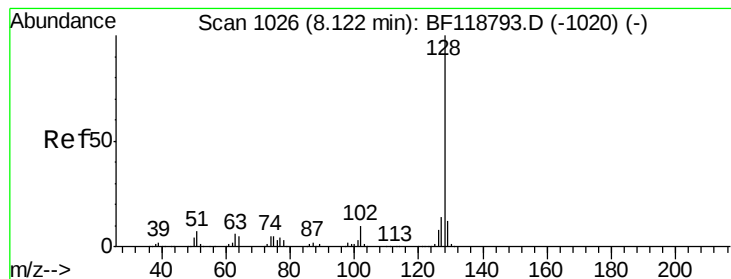


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.578 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

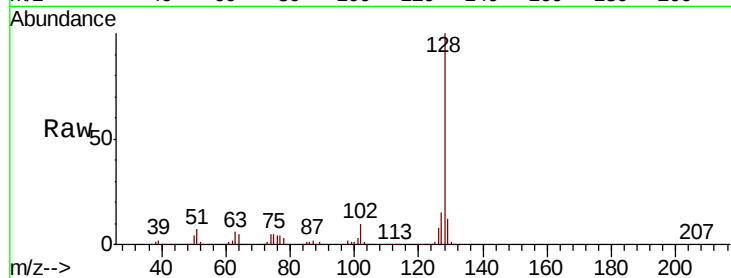
Tot Ion:128 Resp: 2397825

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.2

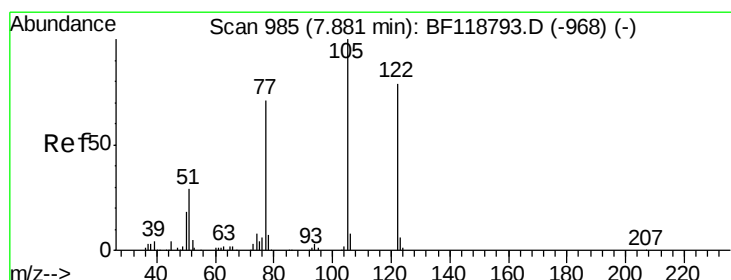
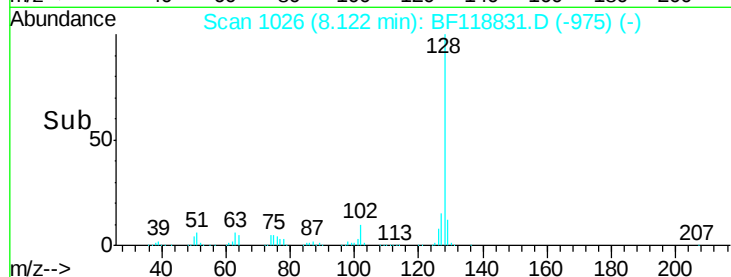
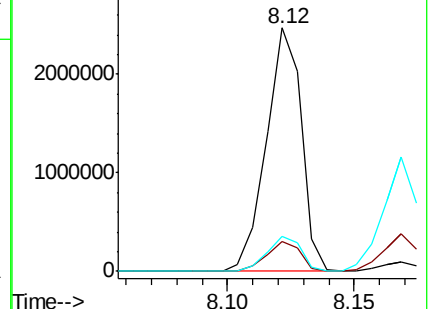
127 14.6 11.3 16.9



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: 44.352 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.02 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

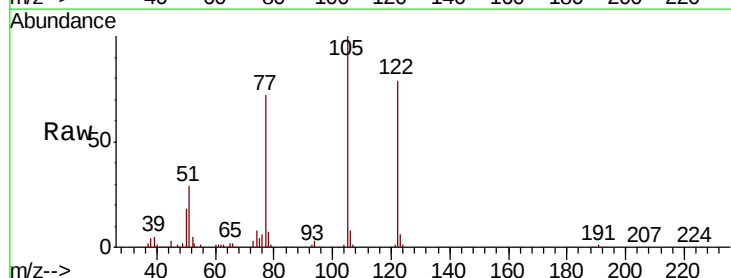
Tgt Ion:122 Resp: 548559

Ion Ratio Lower Upper

122 100

105 126.5 104.4 144.4

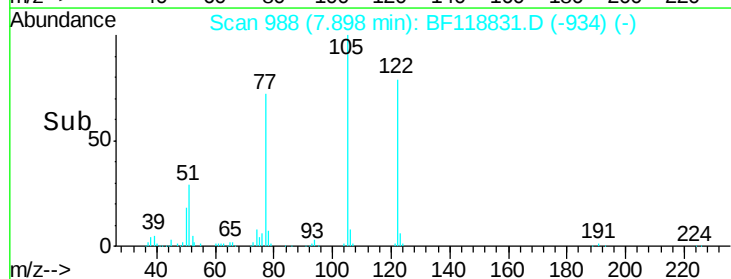
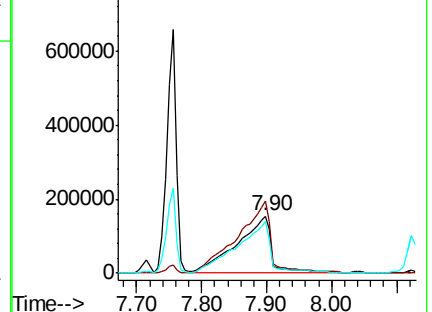
77 91.4 69.3 109.3

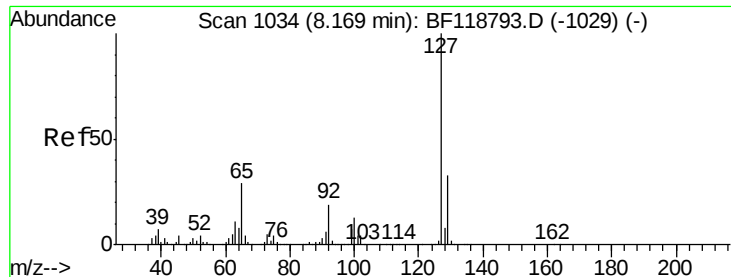


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

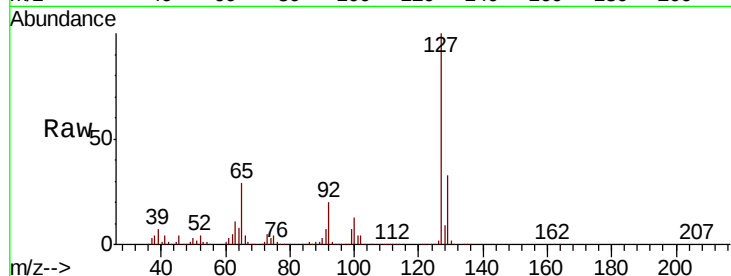




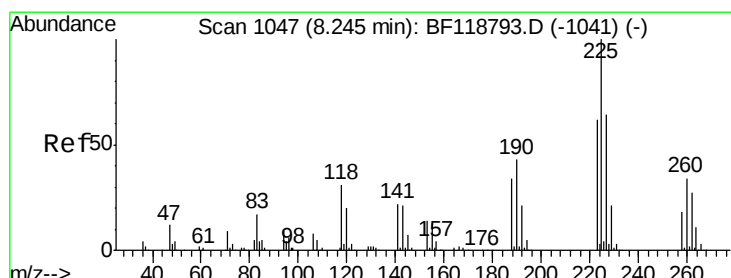
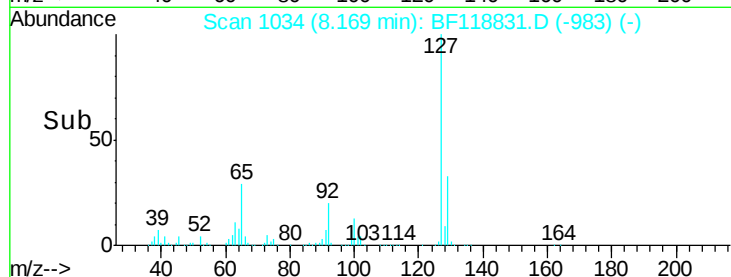
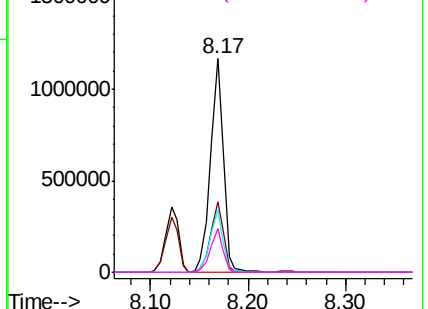
#33
4-Chloroaniline
Concen: 43.145 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1087068
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	29.4	22.9	34.3
92	20.2	15.4	23.0

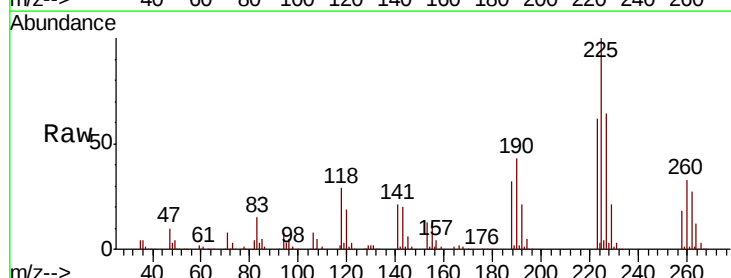


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

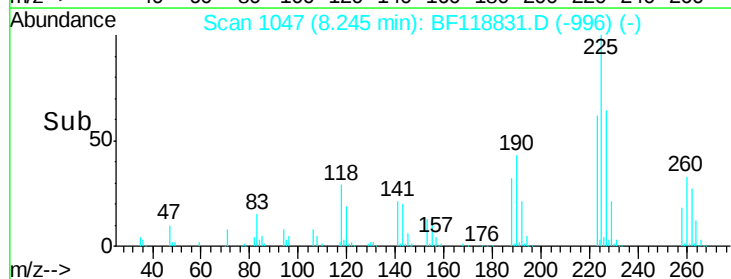
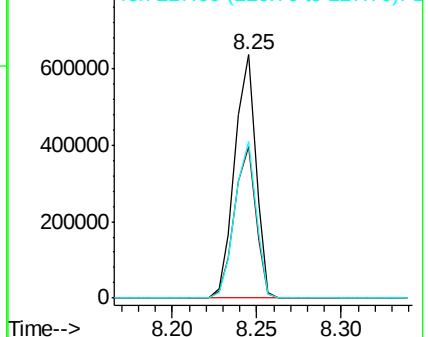


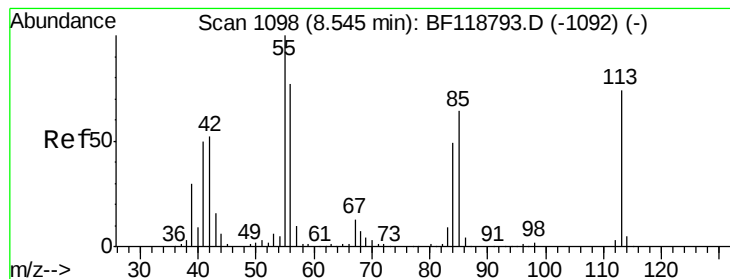
#34
Hexachlorobutadiene
Concen: 43.357 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:	225	Resp:	555448
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	64.2	51.0	76.4



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





#35

Caprolactam

Concen: 44.576 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

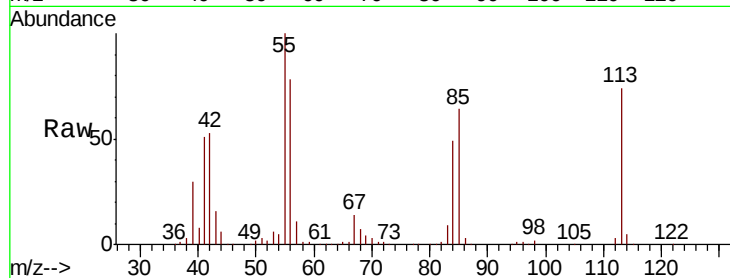
Tot Ion:113 Resp: 258519

Ion Ratio Lower Upper

113 100

55 136.0 115.5 155.5

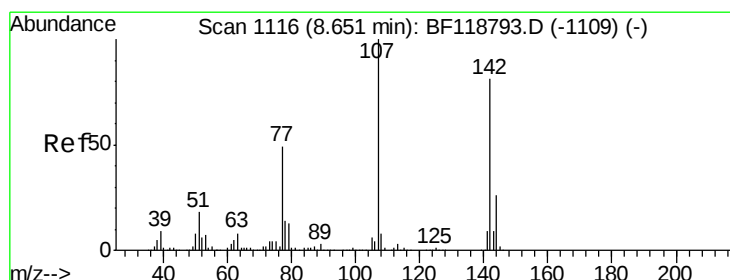
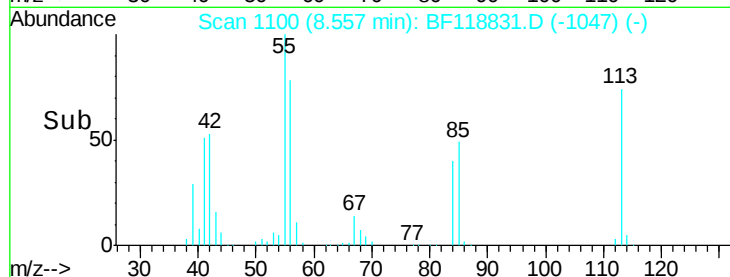
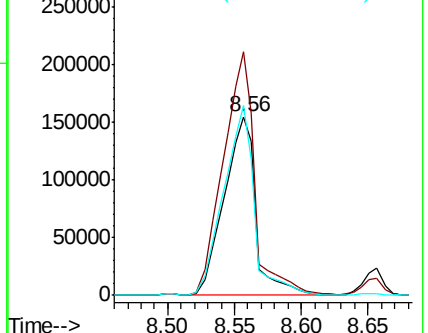
56 105.9 83.7 123.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.505 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

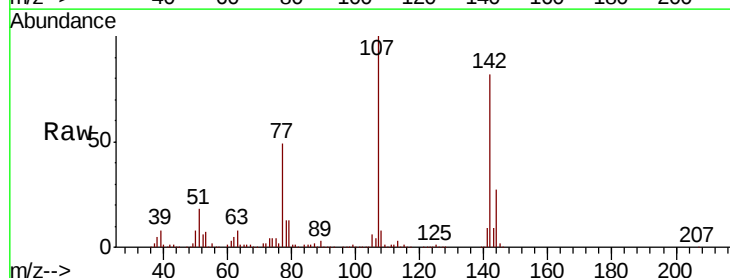
Tgt Ion:107 Resp: 801267

Ion Ratio Lower Upper

107 100

144 26.9 21.0 31.6

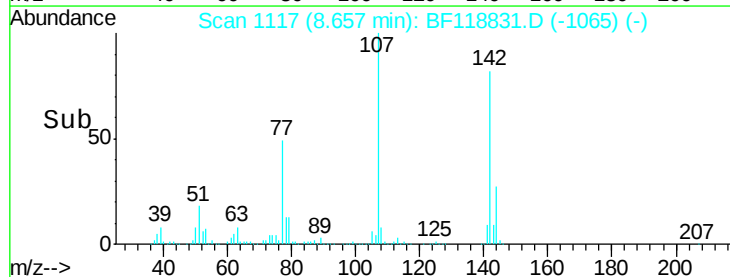
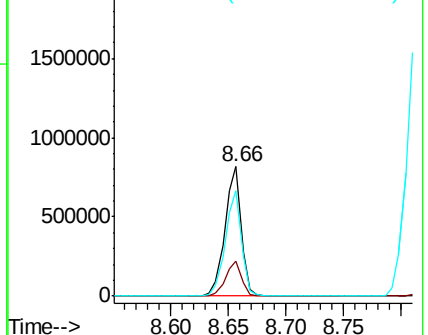
142 81.8 64.8 97.2

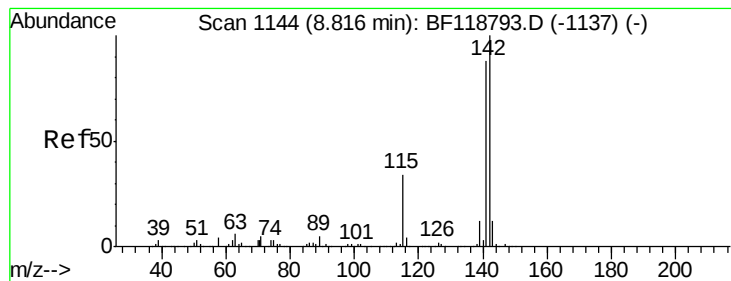


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

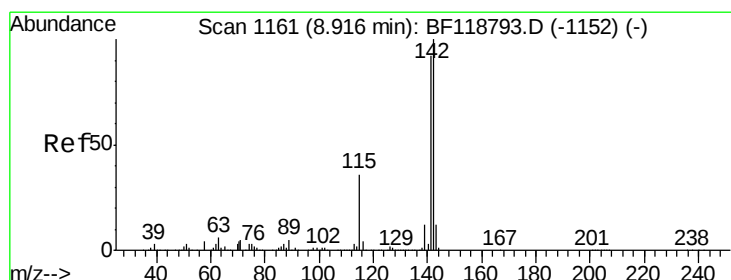
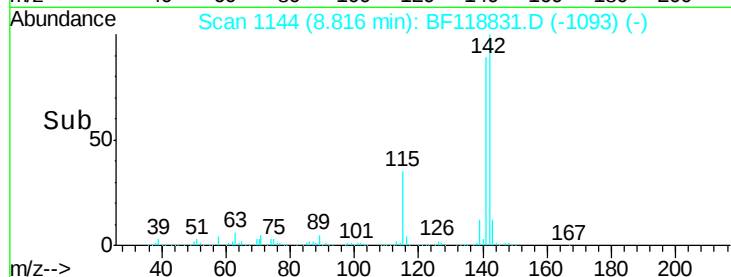
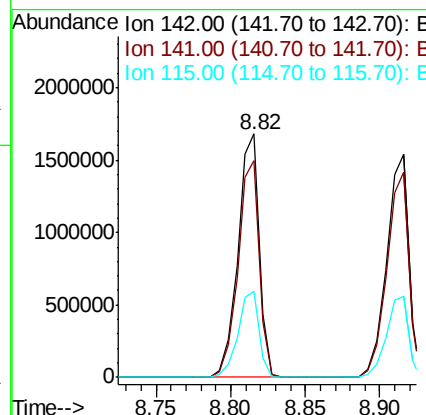
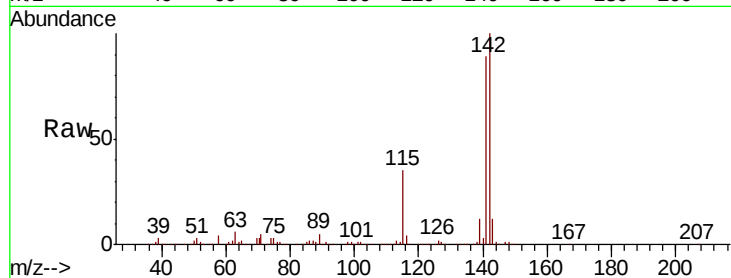




#37
2-Methylnaphthalene
Concen: 43.161 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

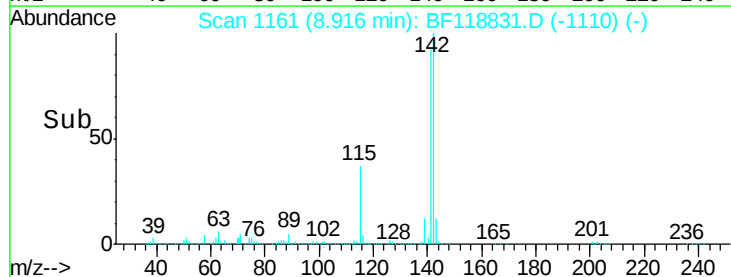
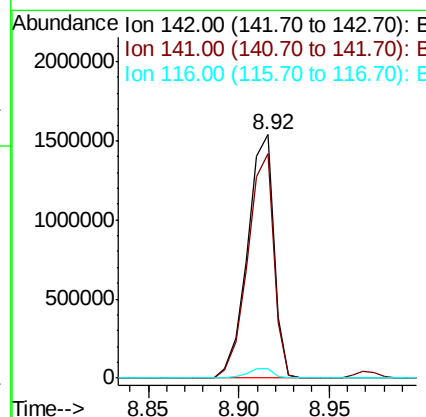
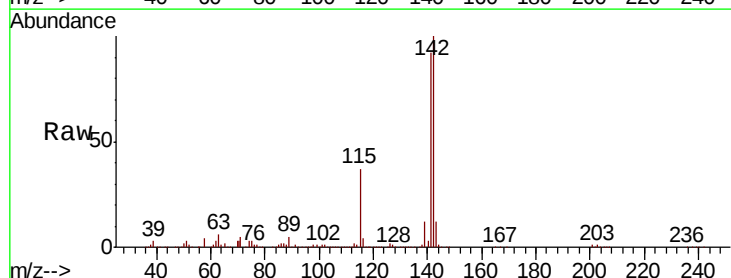
Instrument :
BNA_F
ClientSampled :

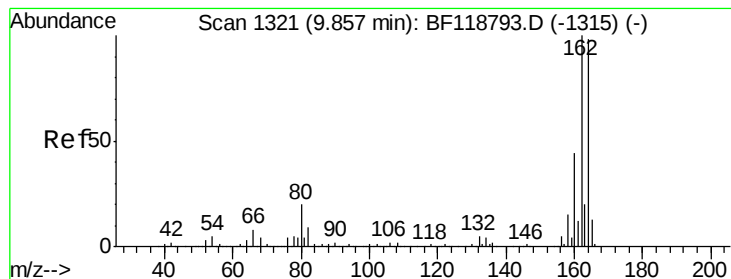
Tot Ion:142 Resp: 1685783
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1
115 35.3 27.3 40.9



#38
1-Methylnaphthalene
Concen: 42.172 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:142 Resp: 1549523
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

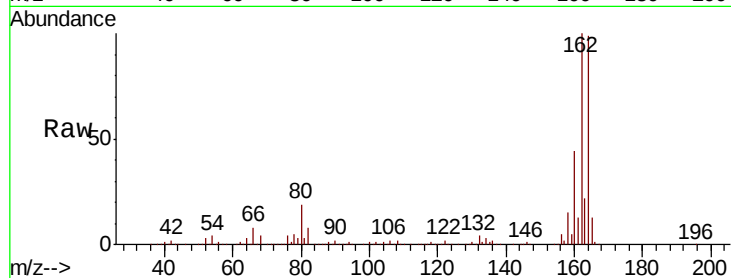
Tot Ion:164 Resp: 686933

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.2

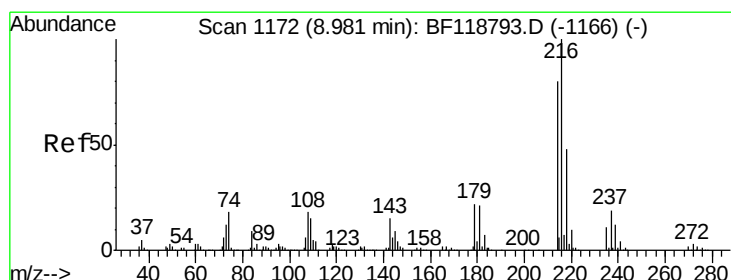
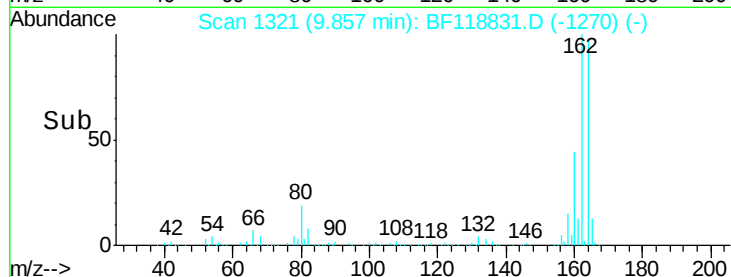
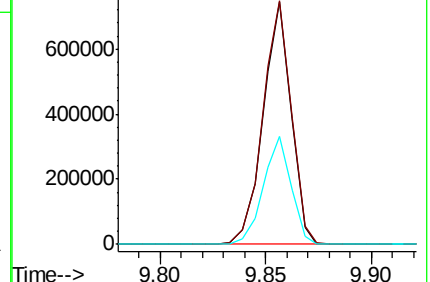
160 44.6 35.6 53.4



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: 43.824 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Tgt Ion:216 Resp: 908566

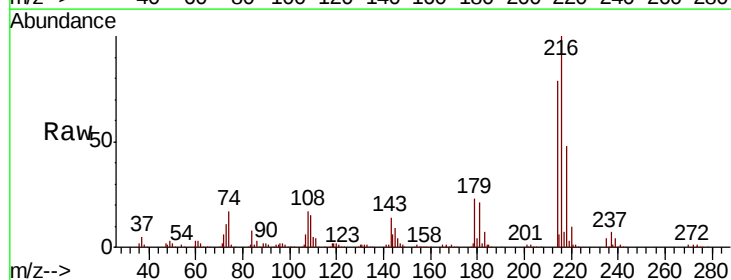
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 21.8 17.0 25.6

108 16.9 13.5 20.3

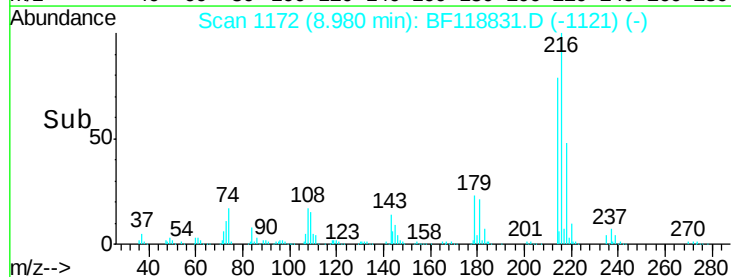
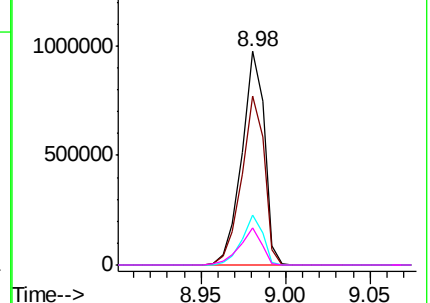


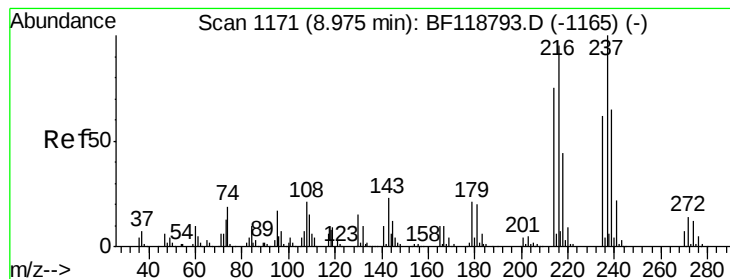
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.097 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampled :

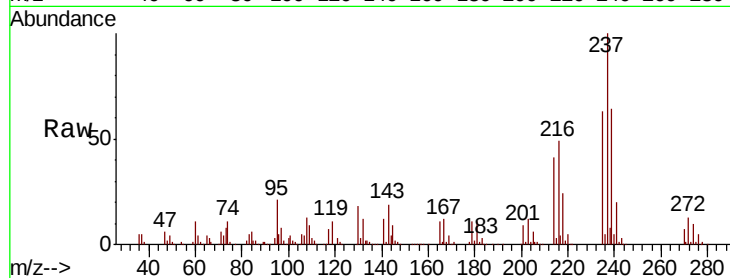
Tot Ion:237 Resp: 342226

Ion Ratio Lower Upper

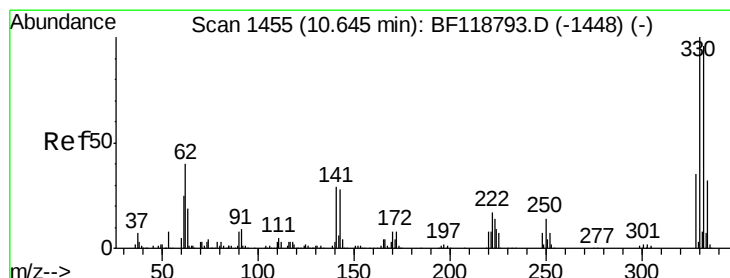
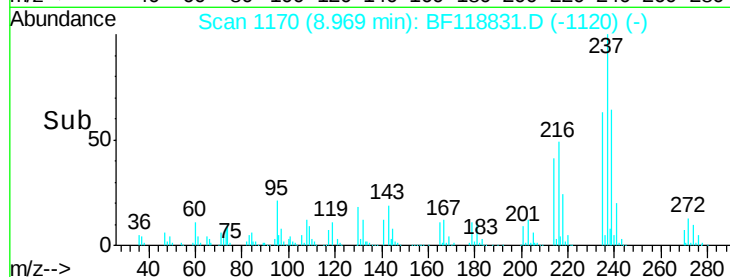
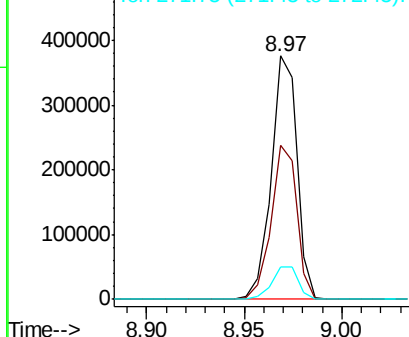
237 100

235 63.4 42.1 82.1

272 13.4 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: 91.182 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

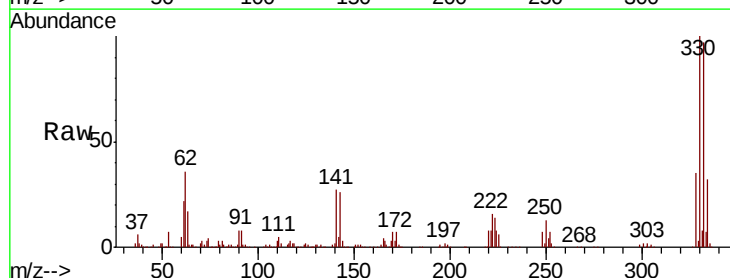
Tgt Ion:330 Resp: 749454

Ion Ratio Lower Upper

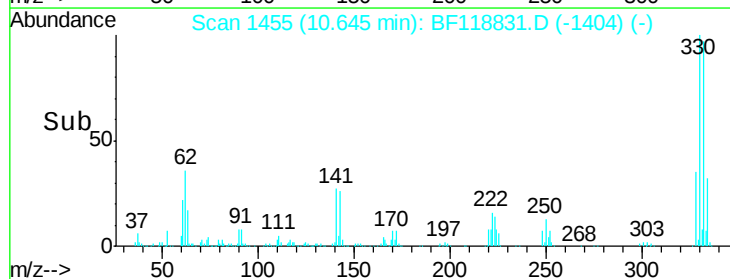
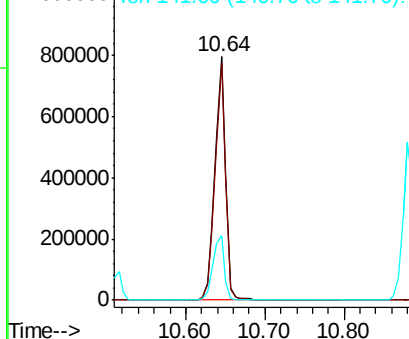
330 100

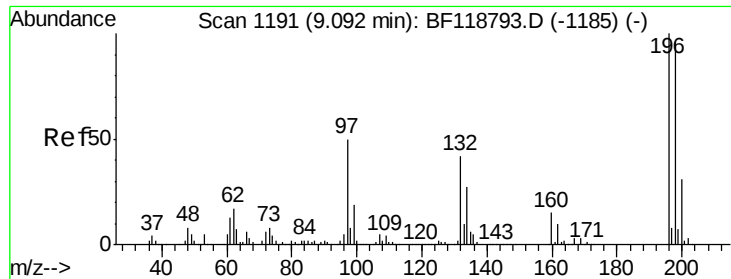
332 96.1 77.3 115.9

141 28.0 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

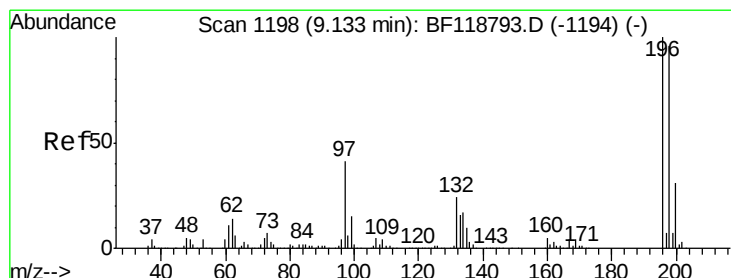
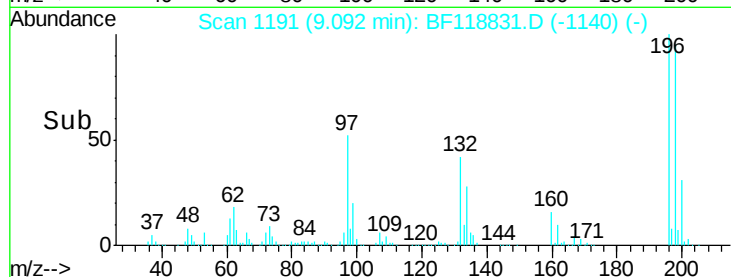
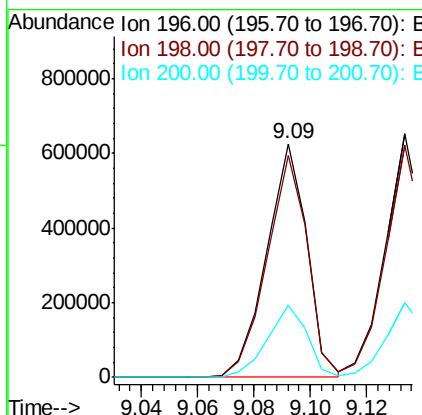
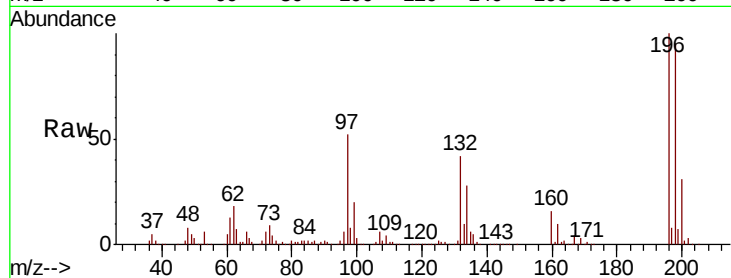




#43
 2,4,6-Trichlorophenol
 Concen: 44.652 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

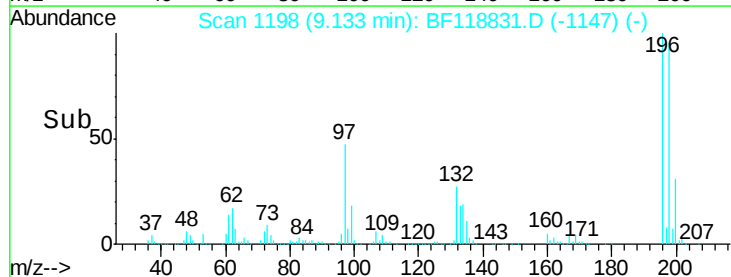
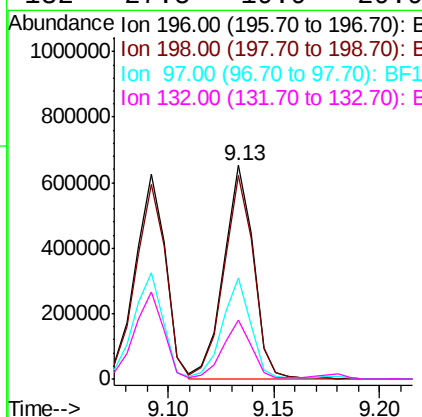
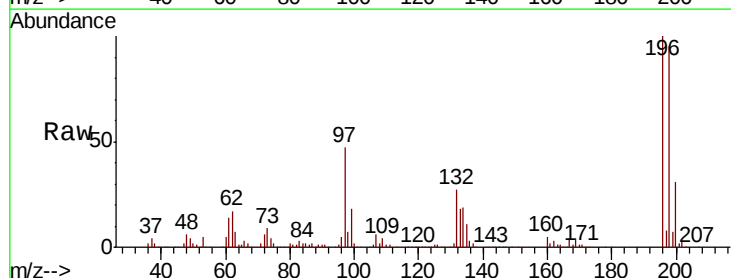
Instrument :
 BNA_F
 ClientSampled :

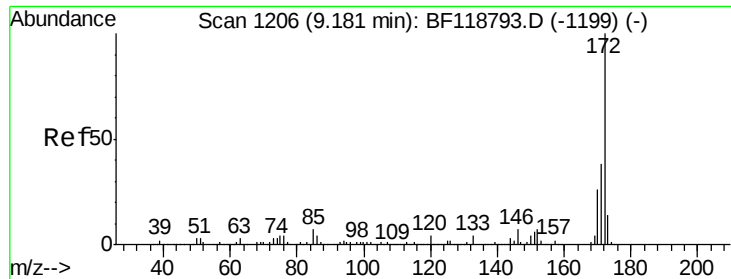
Tot Ion:196 Resp: 619048
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.7 115.1
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.653 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Tgt Ion:196 Resp: 632530
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.4
 97 47.2 32.9 49.3
 132 27.5 19.9 29.9

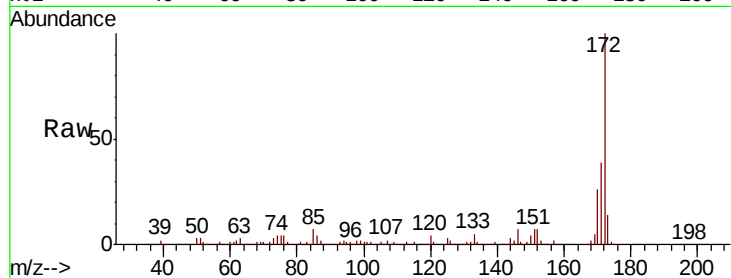




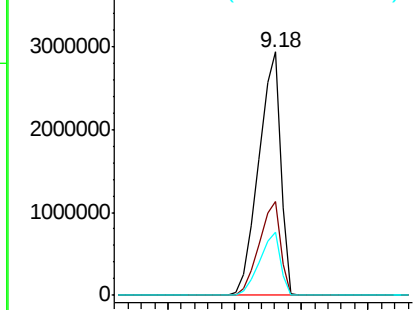
#45
2-Fluorobiphenyl
Concen: 85.965 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

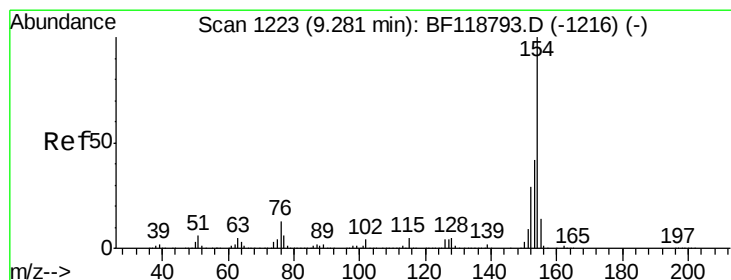
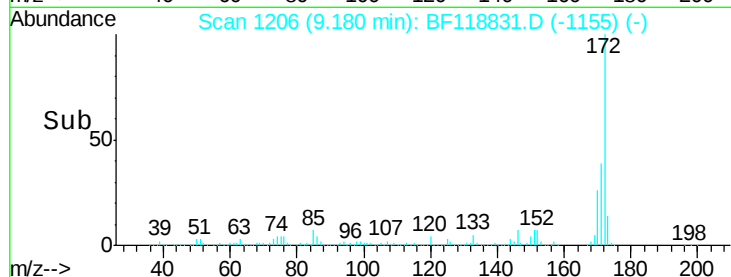
Tot Ion:172 Resp: 3303255
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 26.2 20.5 30.7



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

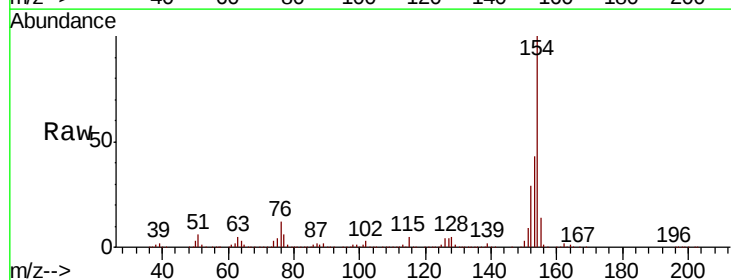


Time-->

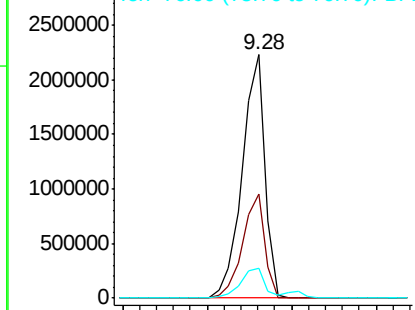


#46
1,1'-Biphenyl
Concen: 43.871 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

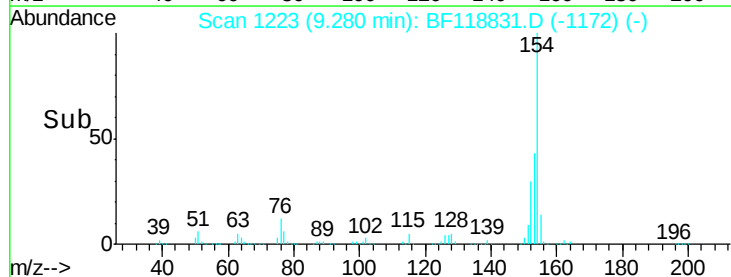
Tgt Ion:154 Resp: 2084671
Ion Ratio Lower Upper
154 100
153 42.5 22.4 62.4
76 12.3 0.0 32.7

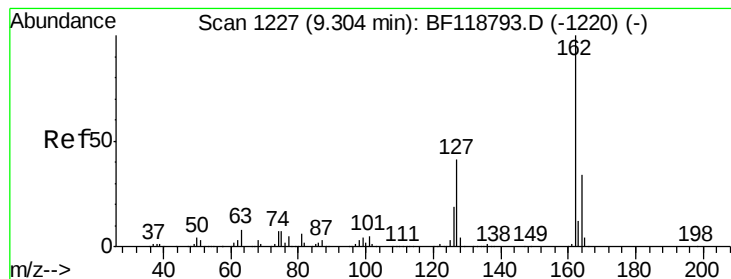


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Time-->





#47

2-Chloronaphthalene

Concen: 44.271 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampled :

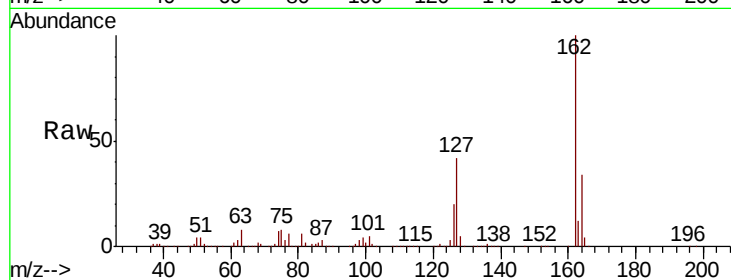
Tot Ion:162 Resp: 1748856

Ion Ratio Lower Upper

162 100

127 41.7 33.3 49.9

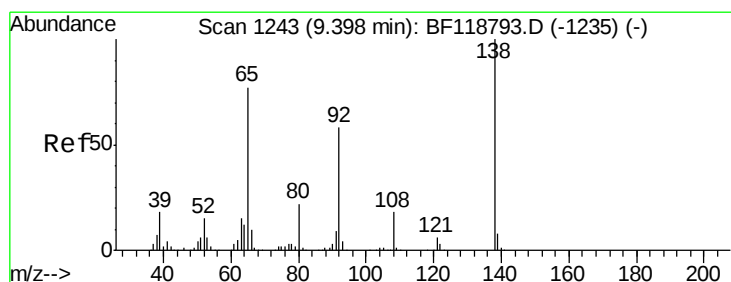
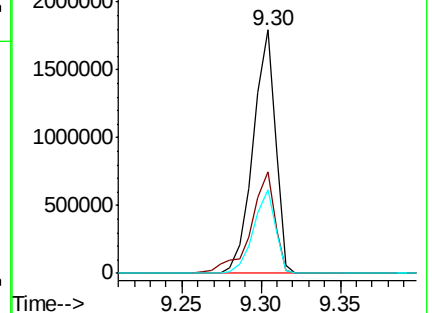
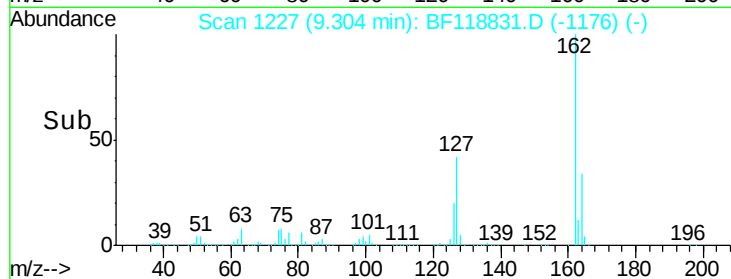
164 34.1 27.1 40.7



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: 46.182 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

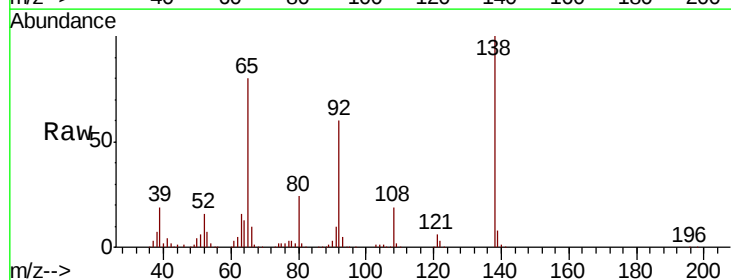
Tgt Ion: 65 Resp: 526186

Ion Ratio Lower Upper

65 100

92 75.8 60.6 91.0

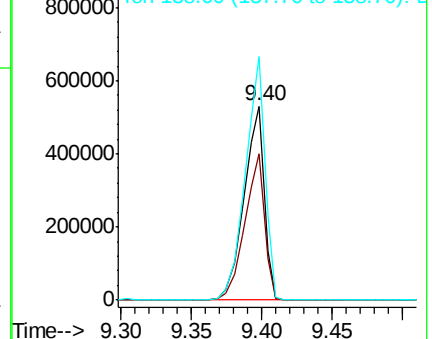
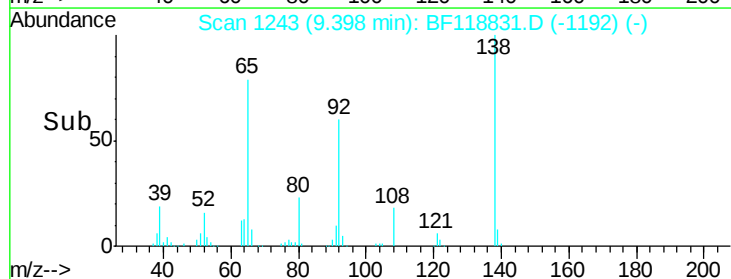
138 125.7 104.6 156.8

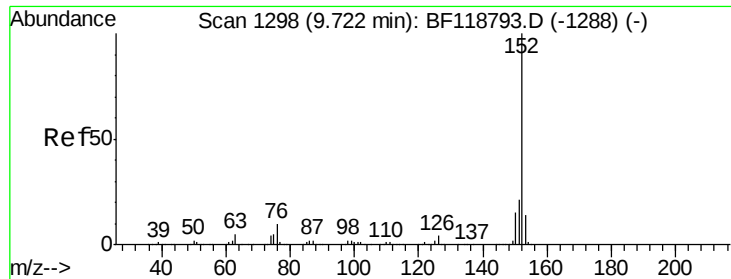


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.551 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

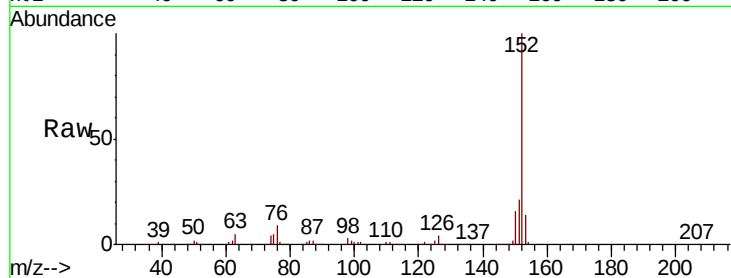
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2427023

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	13.8	11.0	16.4

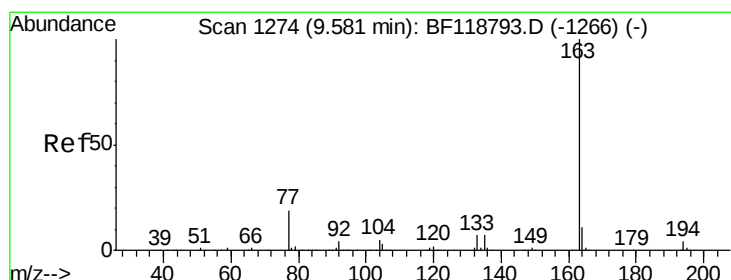
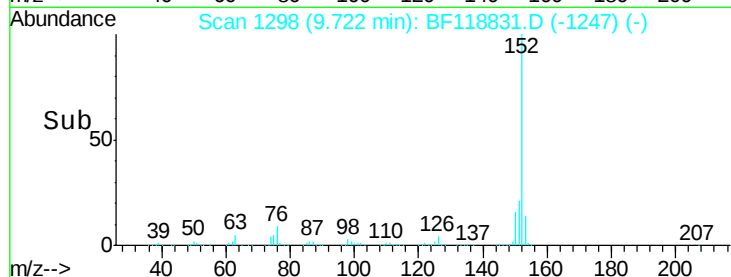
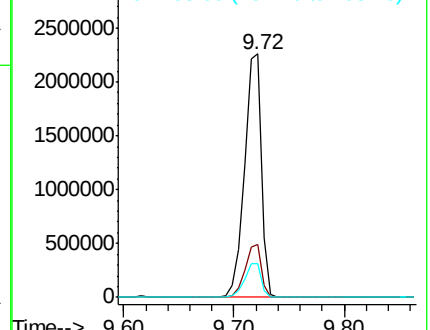


Abundance

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: 44.227 ng

RT: 9.58 min Scan# 1274

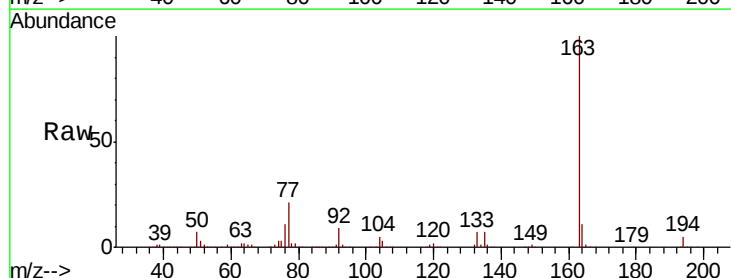
Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Tgt Ion:163 Resp: 2068638

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.9	8.7	13.1

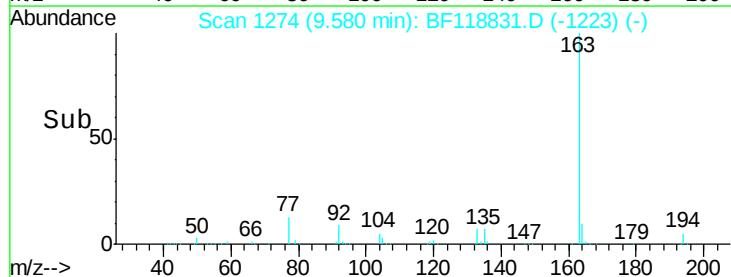
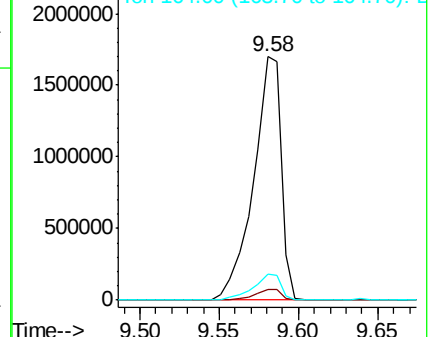


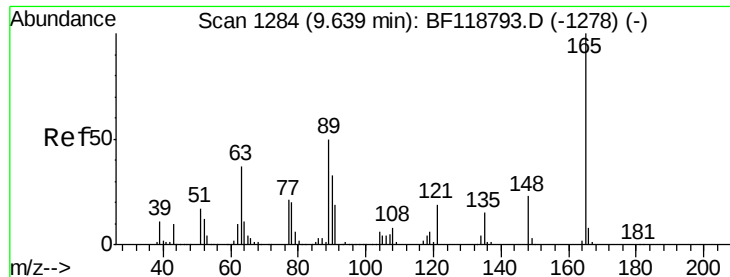
Abundance

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

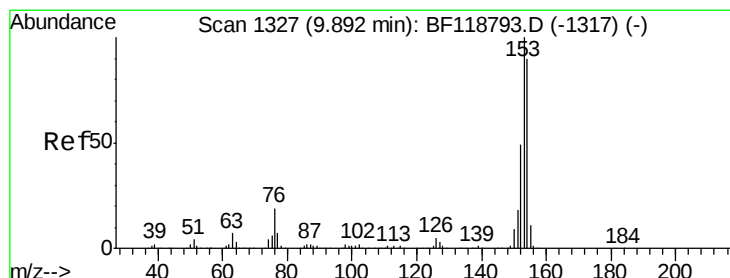
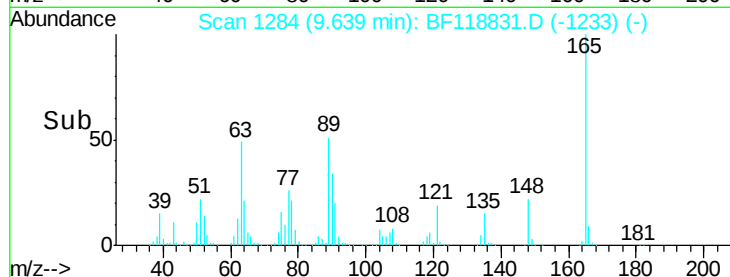
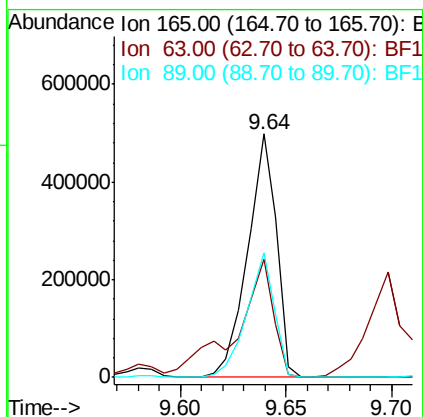
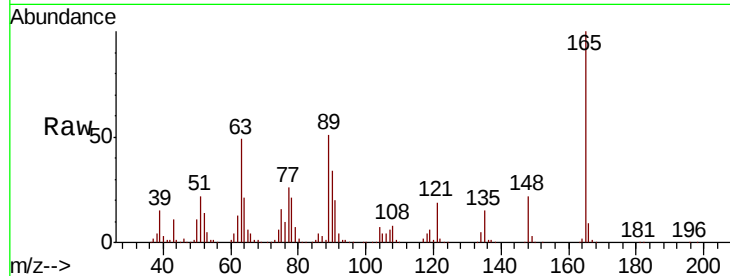




#51
 2,6-Dinitrotoluene
 Concen: 44.204 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

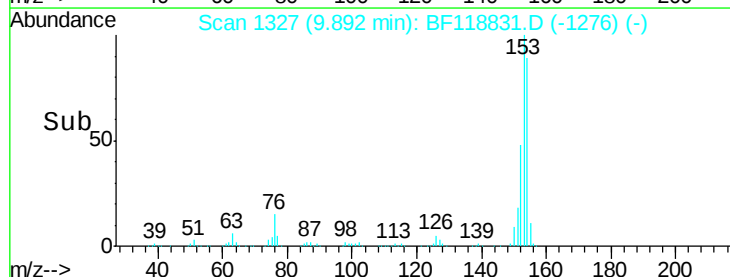
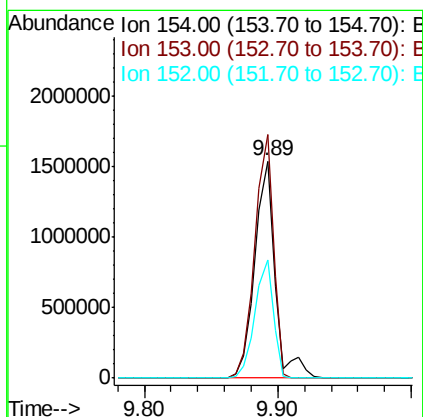
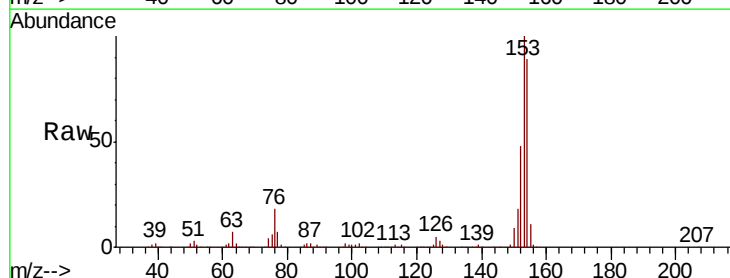
Instrument :
 BNA_F
 ClientSampleId :

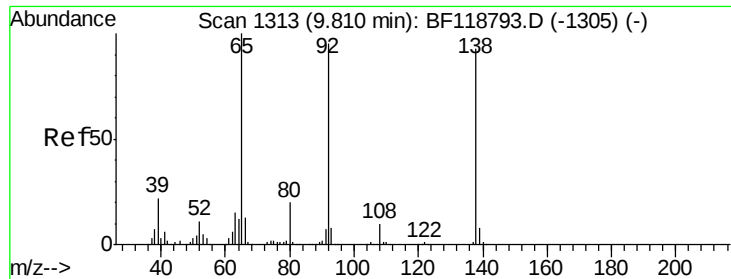
Tot Ion:165 Resp: 473083
 Ion Ratio Lower Upper
 165 100
 63 48.6 37.4 56.0
 89 51.1 39.7 59.5



#52
 Acenaphthene
 Concen: 42.518 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Tgt Ion:154 Resp: 1598054
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.4 134.0
 152 54.2 43.6 65.4

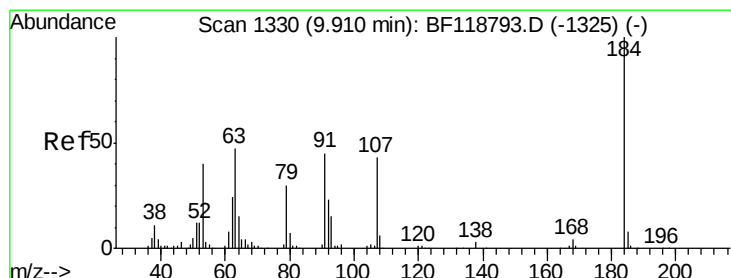
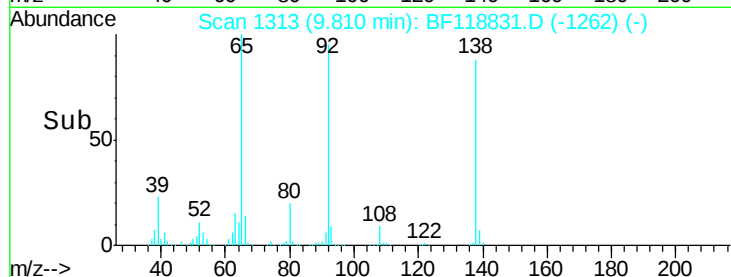
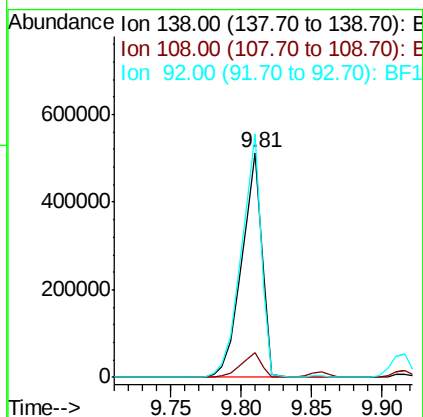
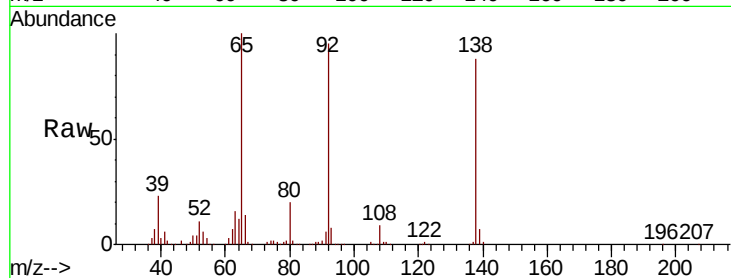




#53
3-Nitroaniline
Concen: 43.108 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

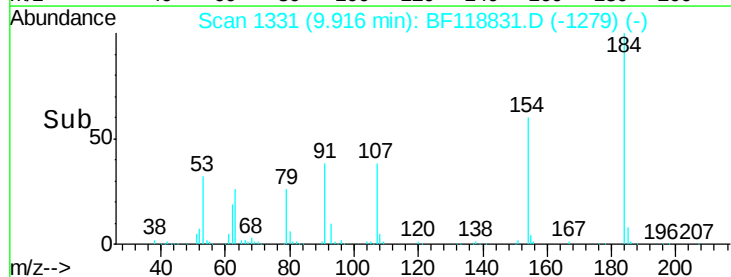
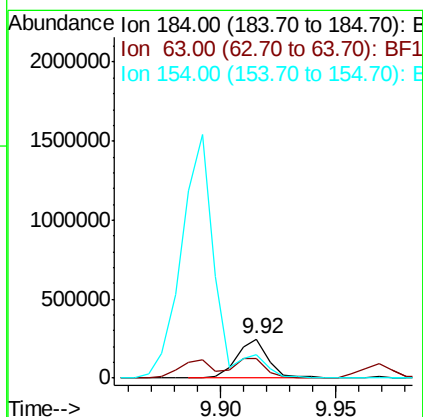
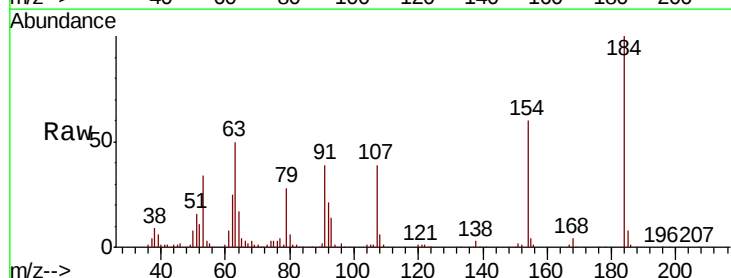
Instrument :
BNA_F
ClientSampleId :

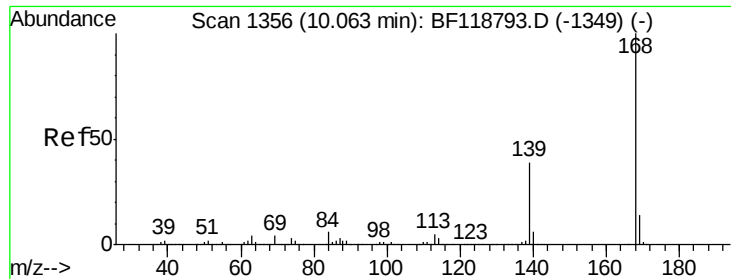
Tot Ion:138 Resp: 511651
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 108.2 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 45.697 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:184 Resp: 235110
Ion Ratio Lower Upper
184 100
63 50.4 47.5 71.3
154 59.8 48.6 72.8

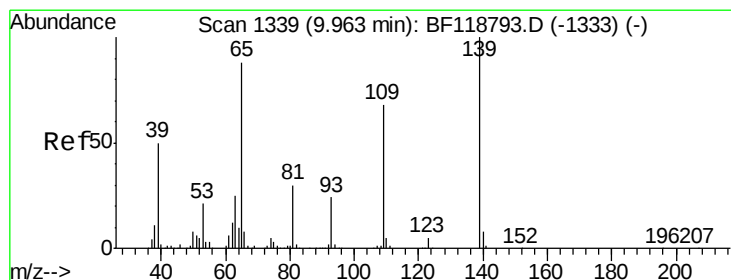
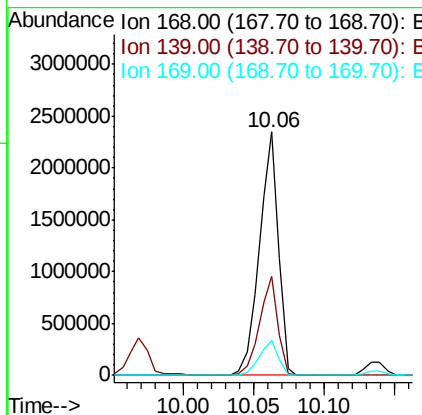
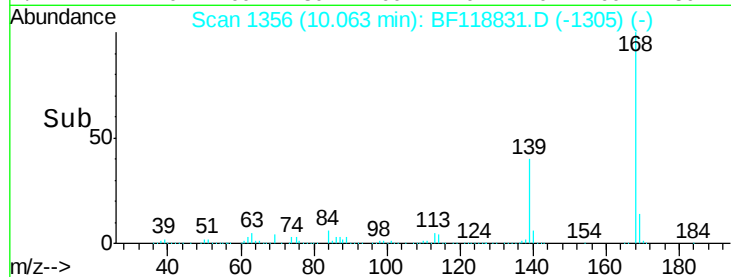
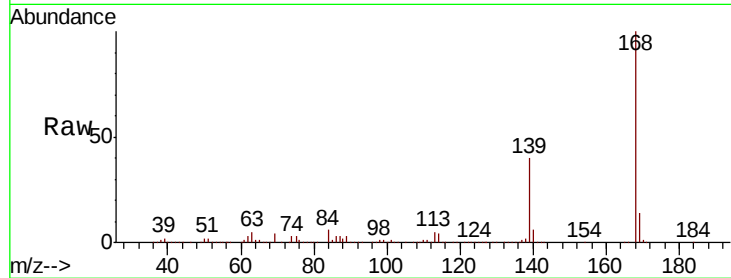




#55
Dibenzenofuran
Concen: 41.140 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

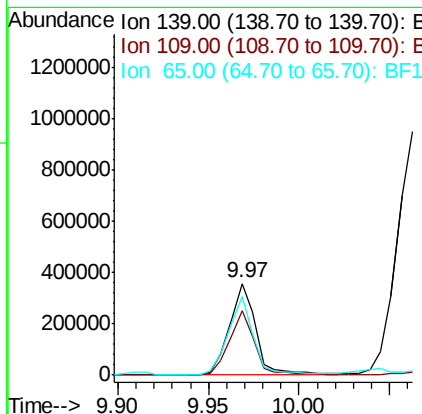
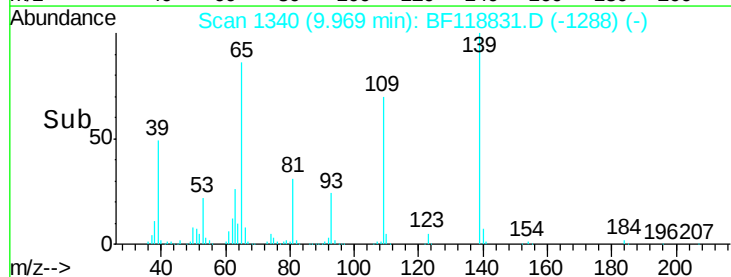
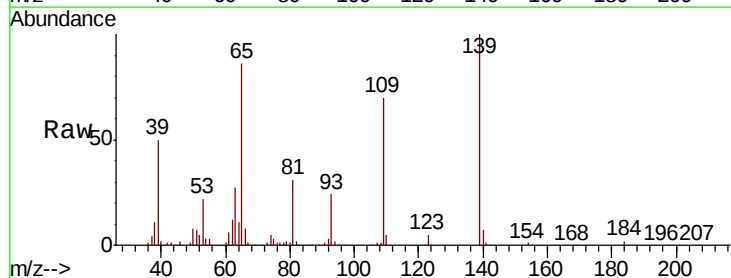
Instrument :
BNA_F
ClientSampleId :

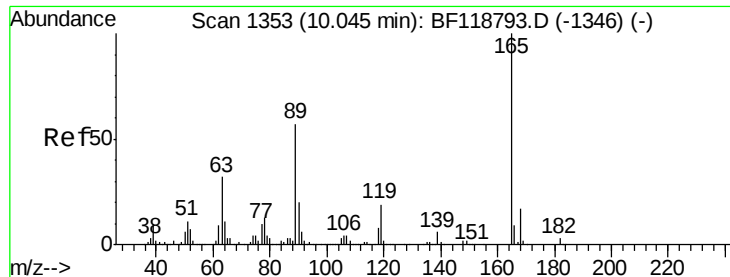
Tot Ion:168 Resp: 2234629
Ion Ratio Lower Upper
168 100
139 40.4 31.6 47.4
169 14.2 11.4 17.2



#56
4-Nitrophenol
Concen: 42.654 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:139 Resp: 366408
Ion Ratio Lower Upper
139 100
109 69.7 48.0 88.0
65 86.1 68.3 108.3





#57

2,4-Dinitrotoluene

Concen: 44.944 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 636550

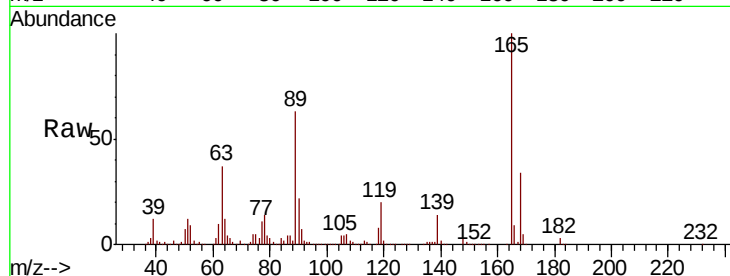
Ion Ratio Lower Upper

165 100

63 37.2 25.5 38.3

89 63.2 45.4 68.0

182 3.1 2.4 3.6

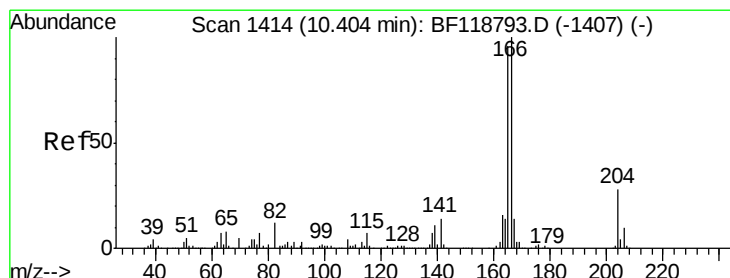
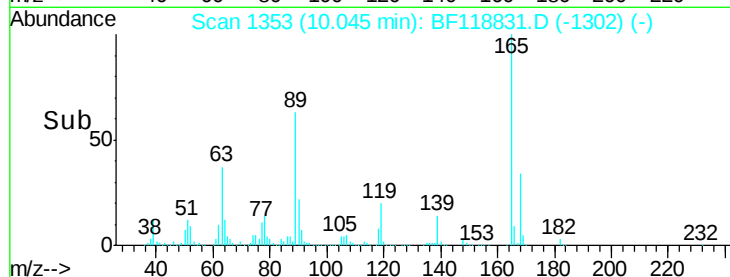
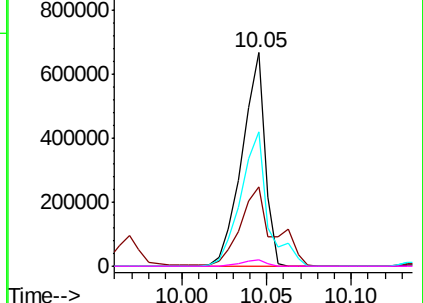


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.958 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

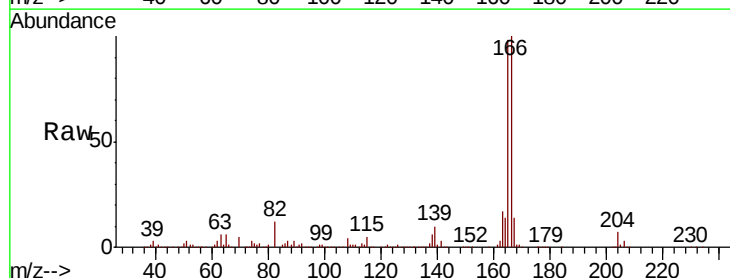
Tgt Ion:166 Resp: 1755423

Ion Ratio Lower Upper

166 100

165 98.0 77.0 115.6

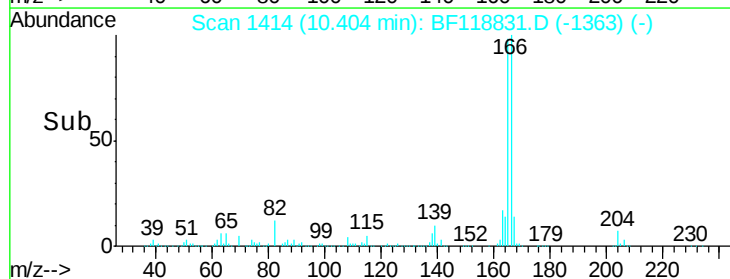
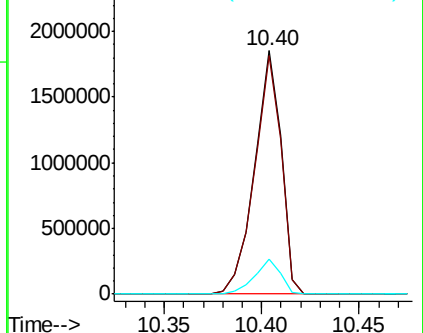
167 14.2 11.1 16.7

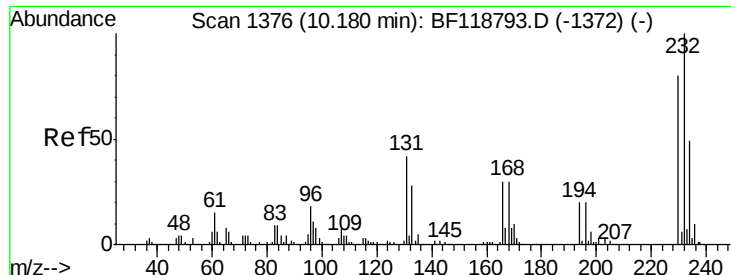


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

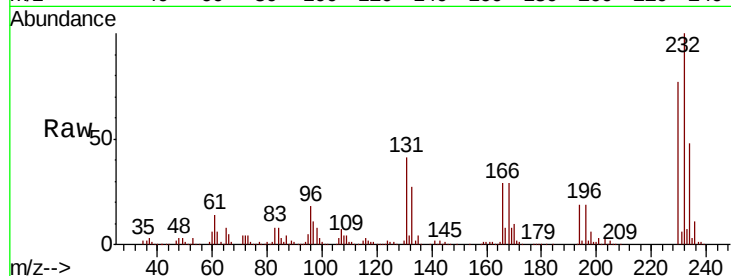




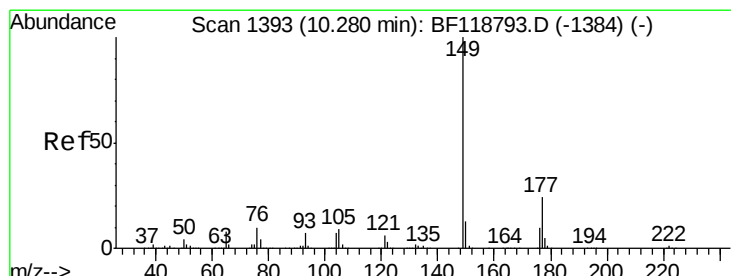
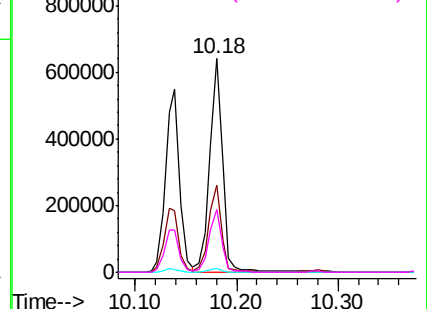
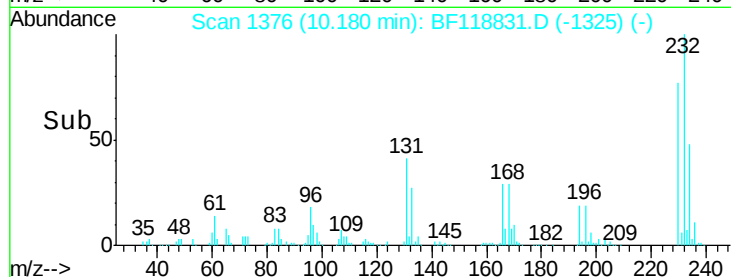
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.189 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	31.8	47.6
130	2.1	1.6	2.4
166	28.6	23.1	34.7

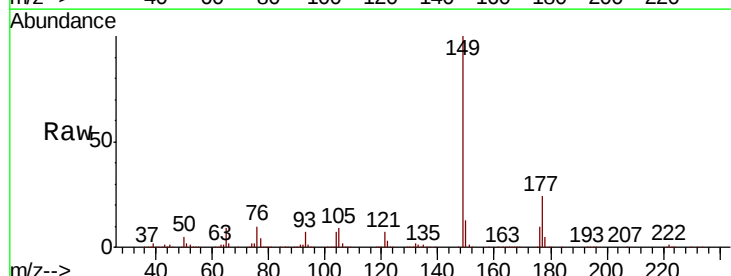


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

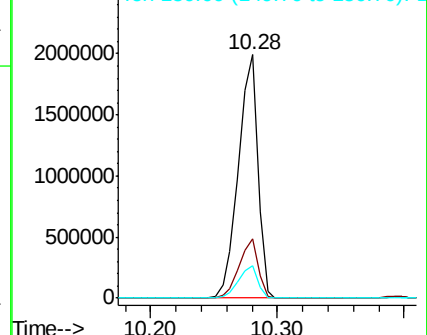
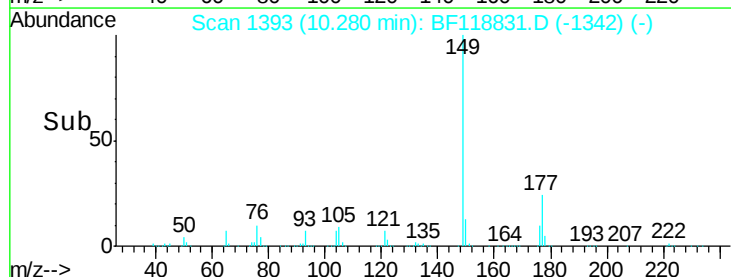


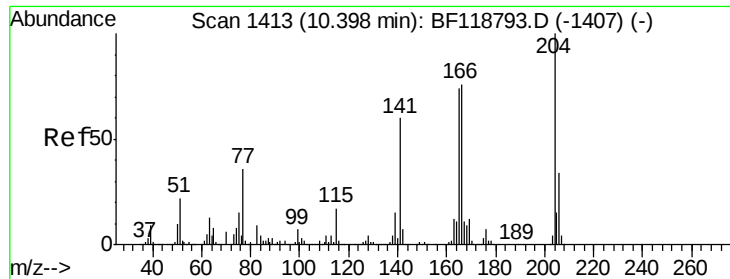
#60
Diethylphthalate
Concen: 46.095 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.3	28.9
150	13.2	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

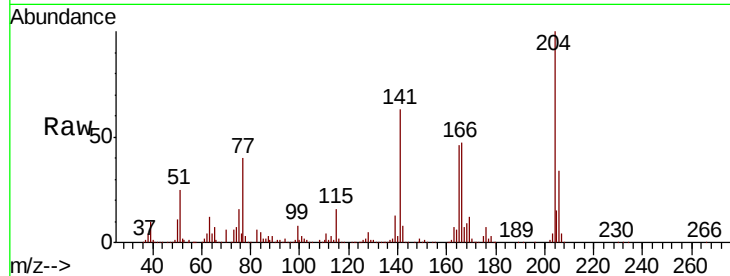




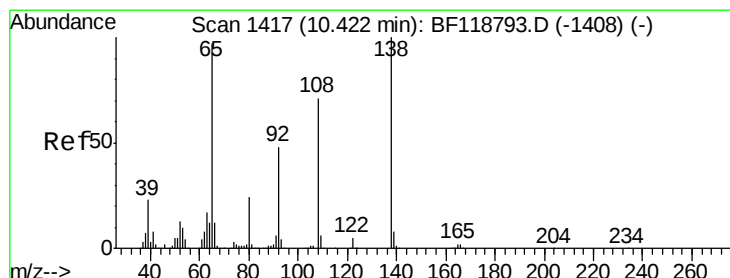
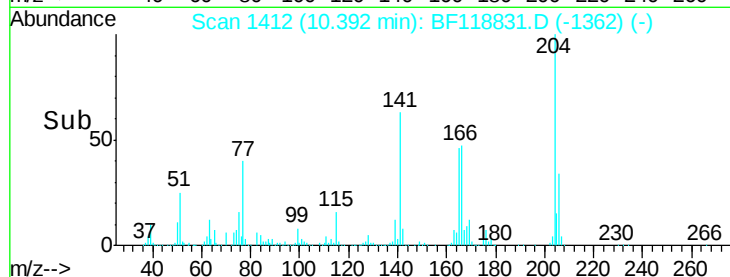
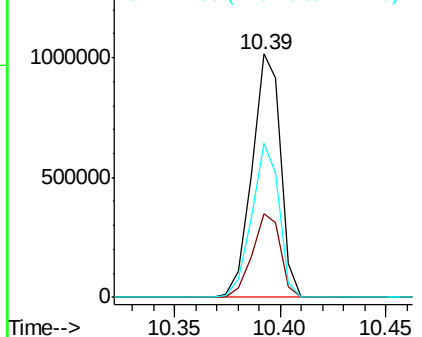
#61
4-Chlorophenyl-phenylether
Concen: 43.068 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 954443
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.2
141 63.4 47.8 71.6

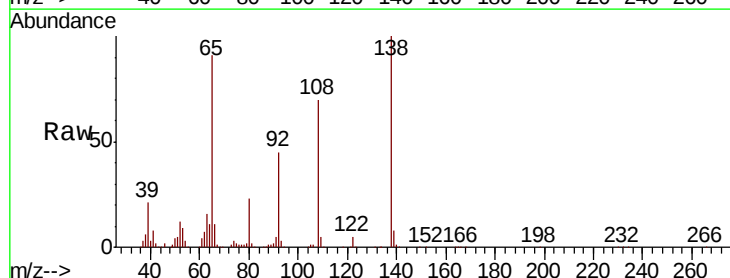


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

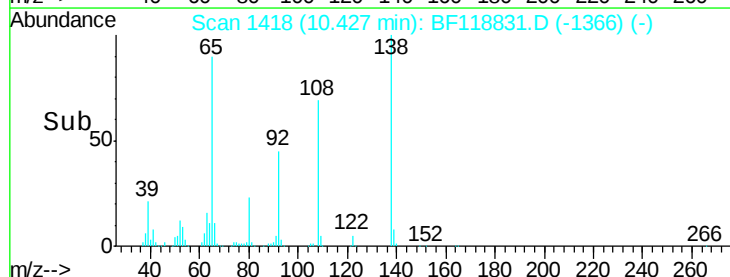
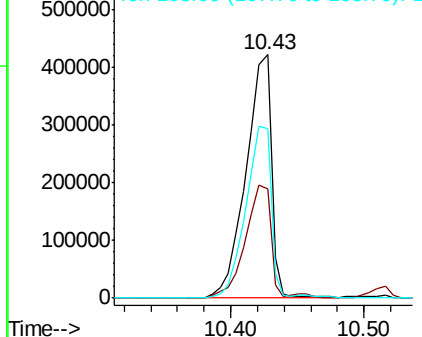


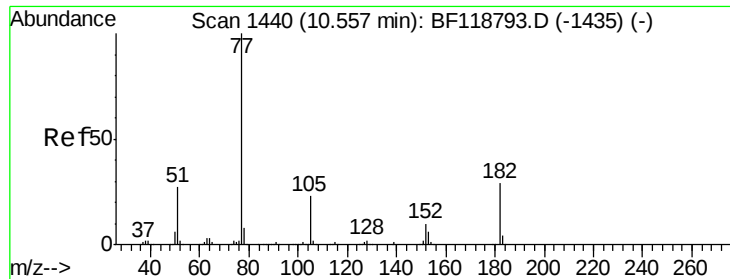
#62
4-Nitroaniline
Concen: 46.885 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:138 Resp: 557270
Ion Ratio Lower Upper
138 100
92 44.7 27.6 67.6
108 69.7 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: 45.425 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1763836

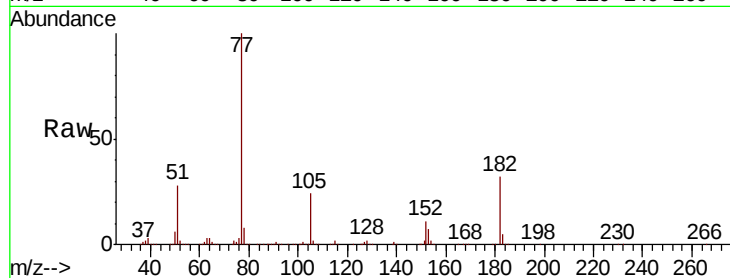
Ion Ratio Lower Upper

77 100

182 32.5 9.2 49.2

105 24.2 3.1 43.1

51 28.0 7.4 47.4

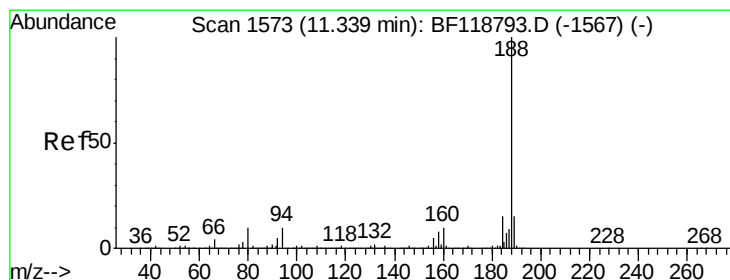
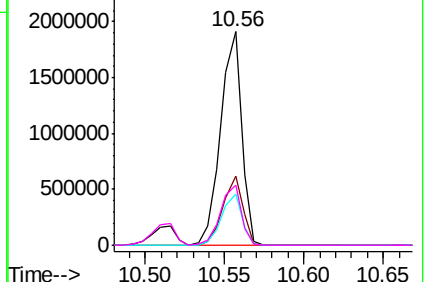
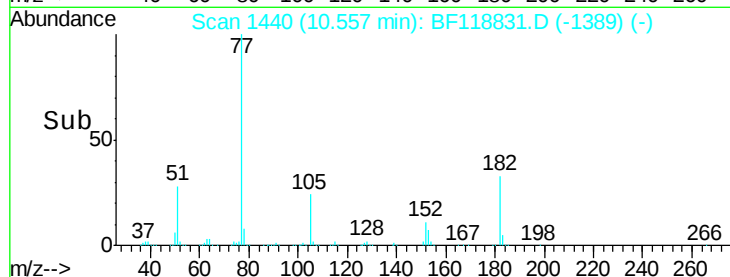


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118831.D

Acq: 6 Feb 2020 9:59

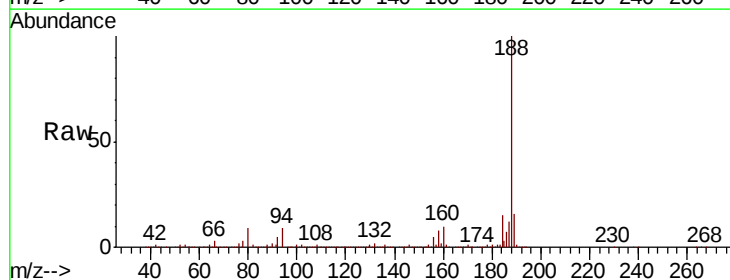
Tgt Ion: 188 Resp: 1360743

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

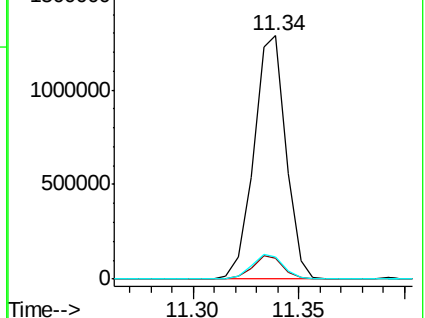
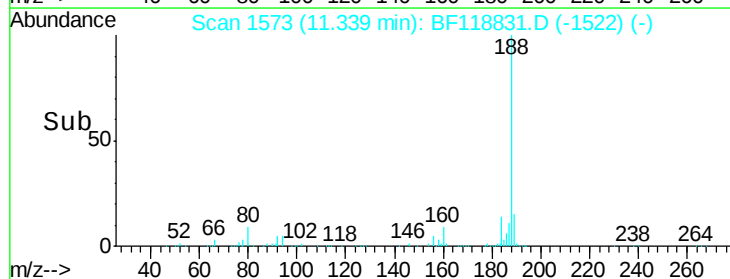
80 9.1 8.4 12.6

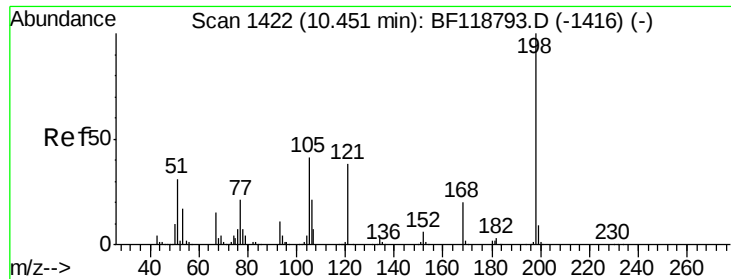


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

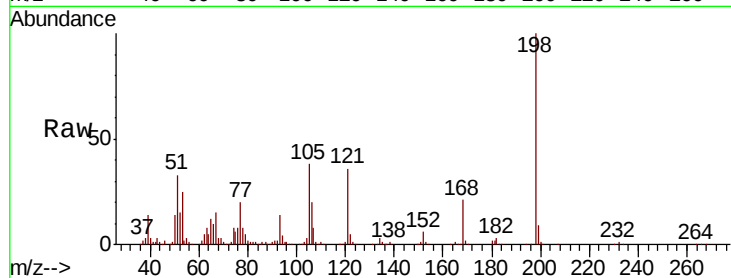




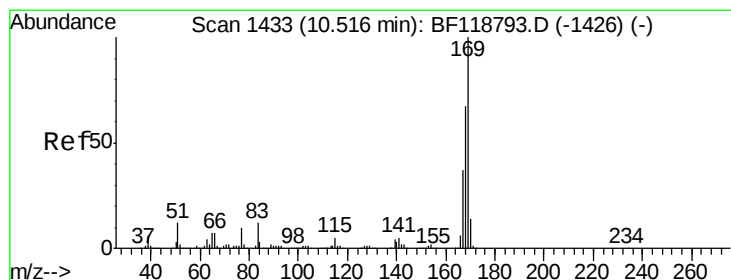
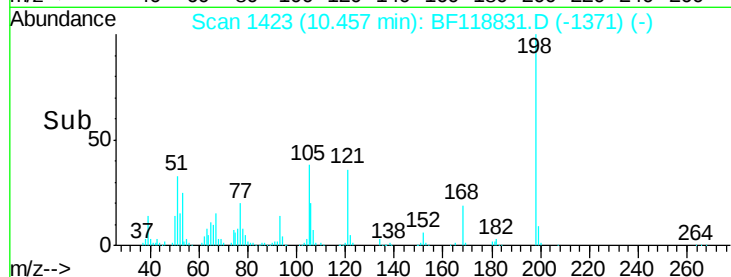
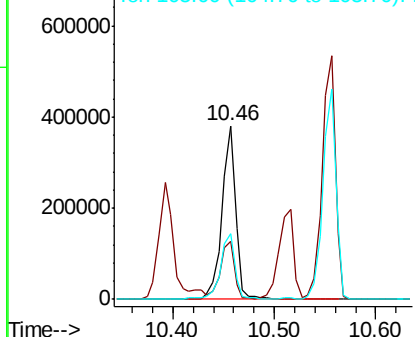
#65
4,6-Dinitro-2-methylphenol
Concen: 46.751 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 357468
Ion Ratio Lower Upper
198 100
51 33.4 16.7 56.7
105 38.0 22.0 62.0

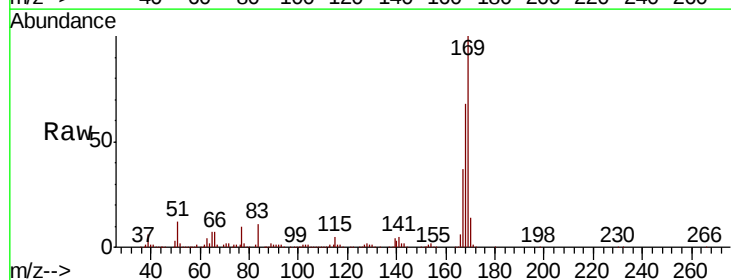


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

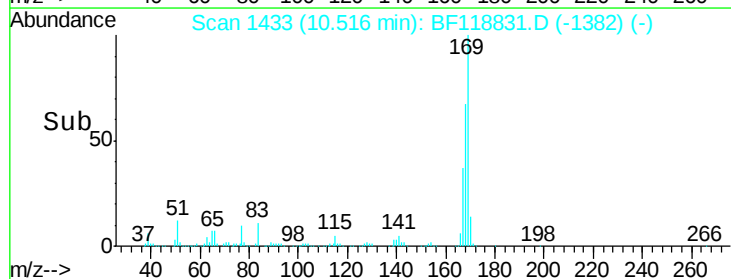
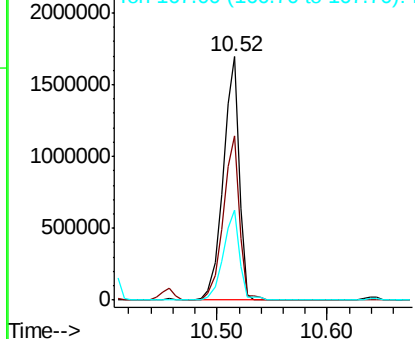


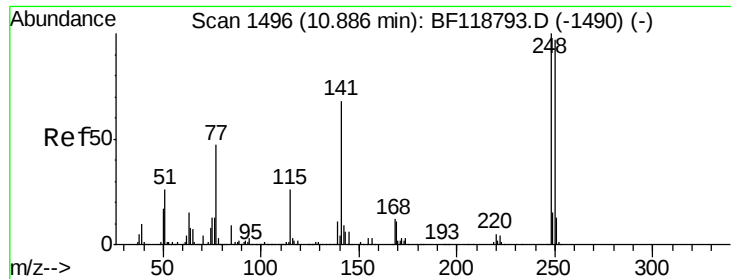
#66
n-Nitrosodiphenylamine
Concen: 43.280 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:169 Resp: 1705898
Ion Ratio Lower Upper
169 100
168 67.5 53.5 80.3
167 37.1 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

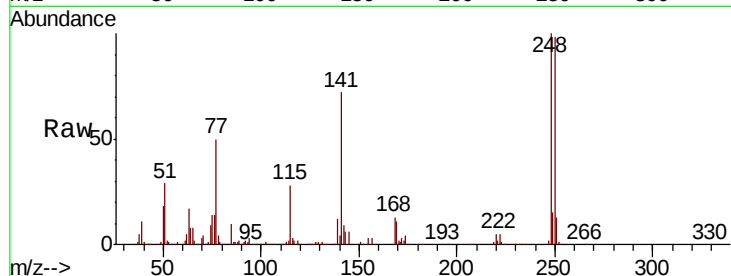




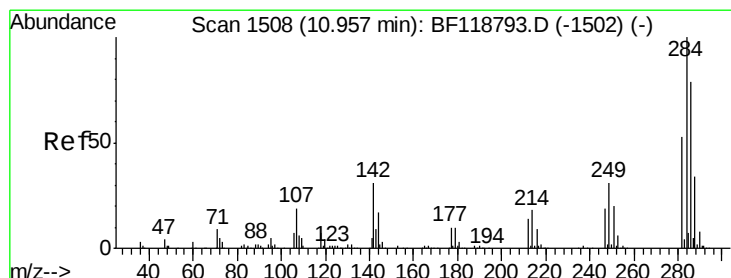
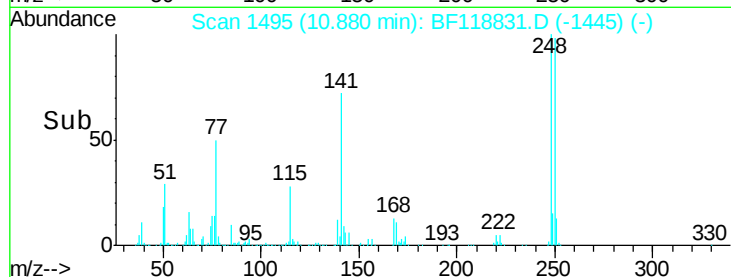
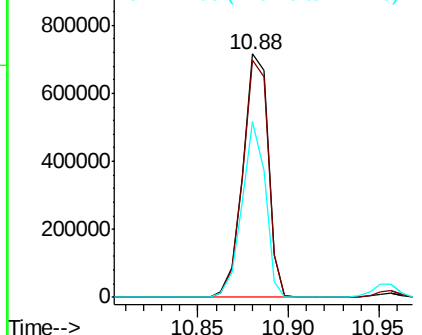
#67
4-Bromophenyl-phenylether
Concen: 43.215 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 695633
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 72.1 54.4 81.6

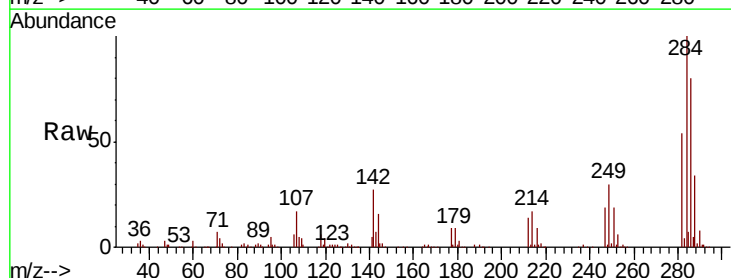


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

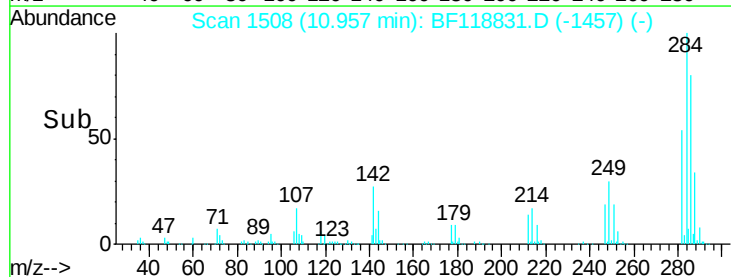
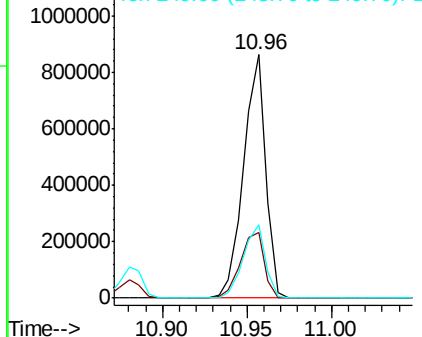


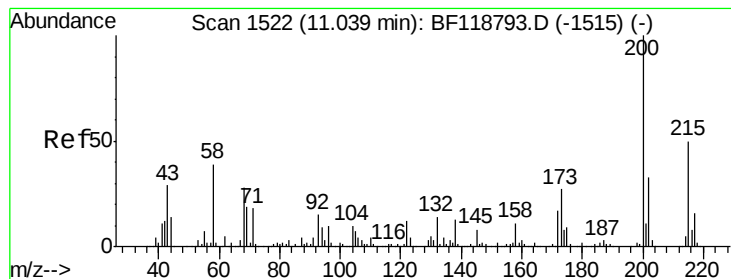
#68
Hexachlorobenzene
Concen: 42.791 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:284 Resp: 790055
Ion Ratio Lower Upper
284 100
142 26.9 24.5 36.7
249 30.3 24.7 37.1



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





#69

Atrazine

Concen: 41.368 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

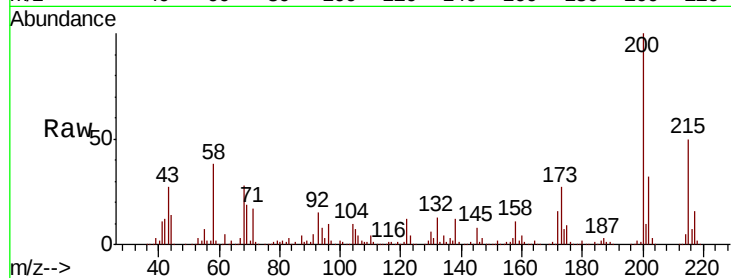
Tot Ion:200 Resp: 543225

Ion Ratio Lower Upper

200 100

173 26.8 7.5 47.5

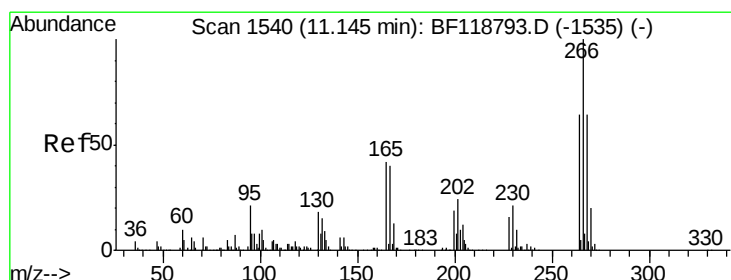
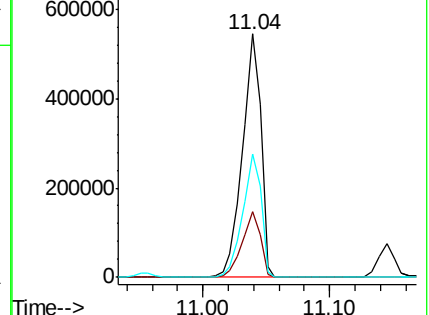
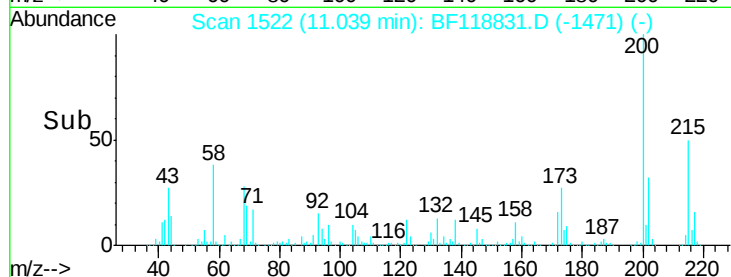
215 50.5 29.9 69.9



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: 42.514 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

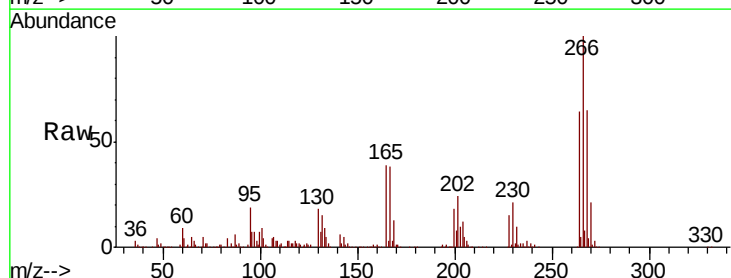
Tgt Ion:266 Resp: 414463

Ion Ratio Lower Upper

266 100

268 65.1 51.0 76.6

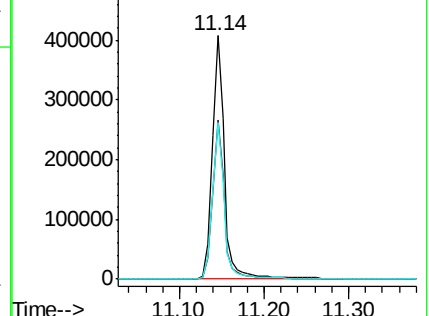
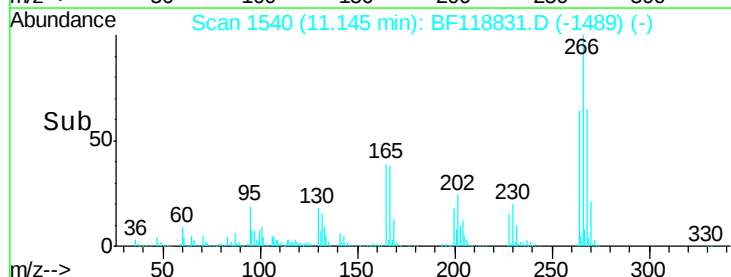
264 64.4 51.4 77.2

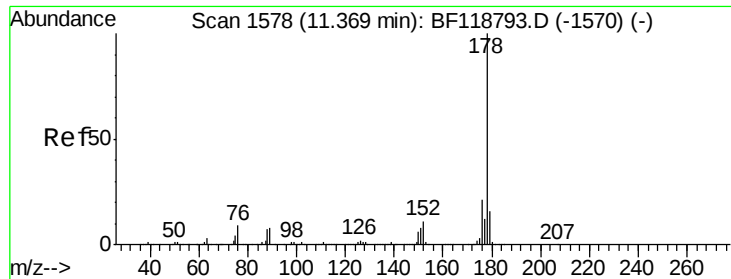


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

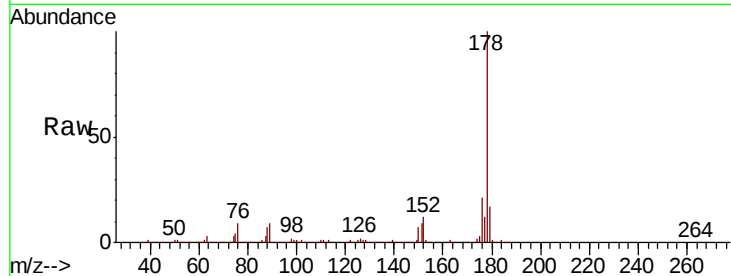




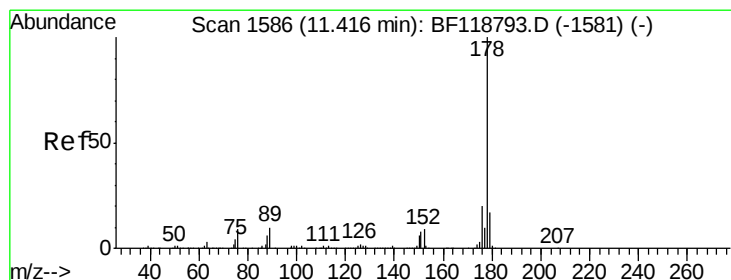
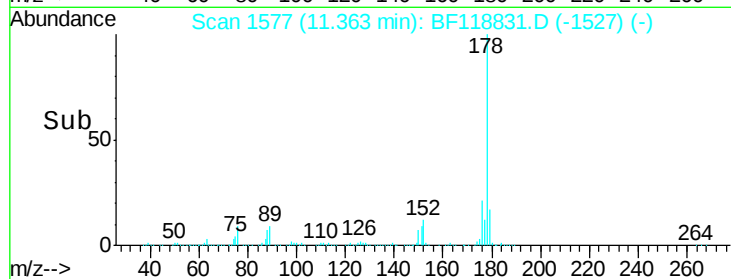
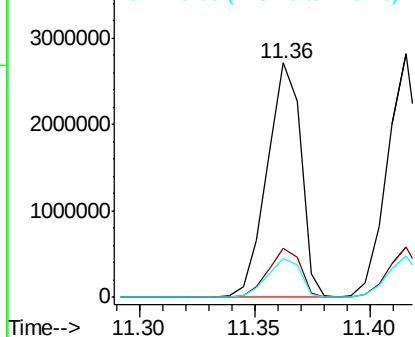
#71
Phenanthrene
Concen: 41.311 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 2765784
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 16.6 13.2 19.8

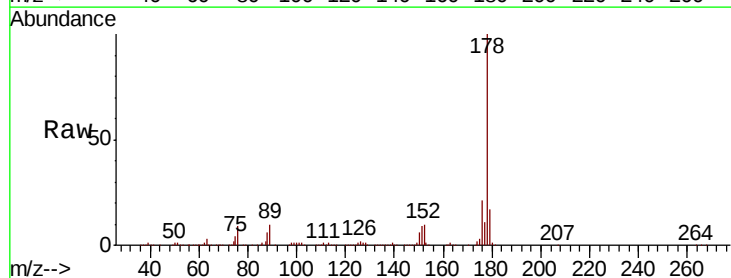


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

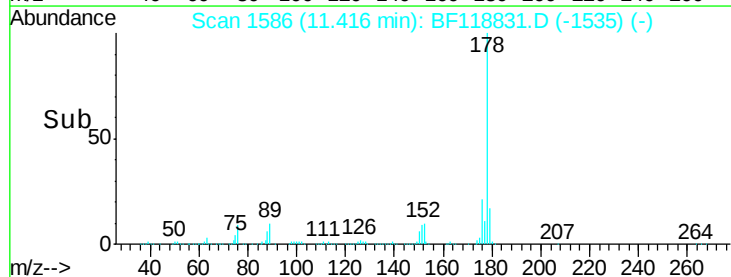
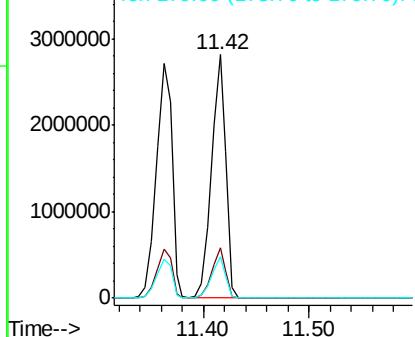


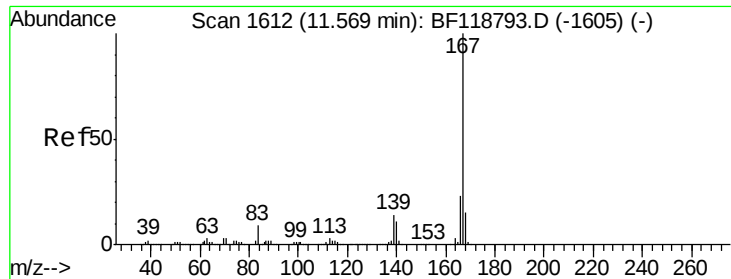
#72
Anthracene
Concen: 40.712 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:178 Resp: 2711600
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.2
179 17.2 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: 42.980 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

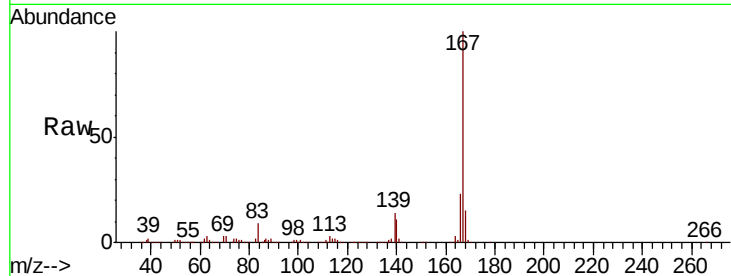
Tot Ion:167 Resp: 2512259

Ion Ratio Lower Upper

167 100

166 23.1 18.4 27.6

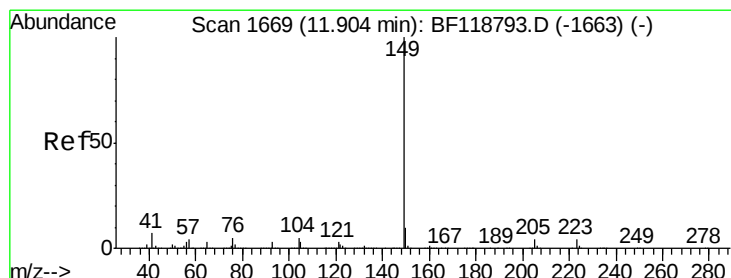
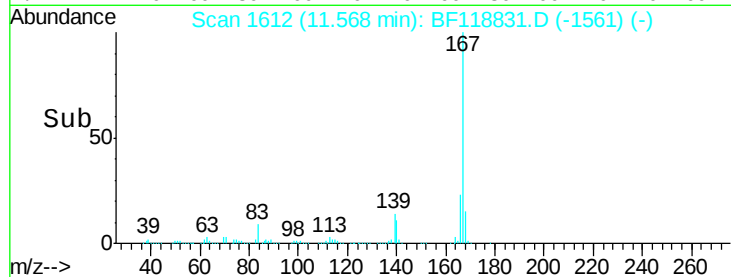
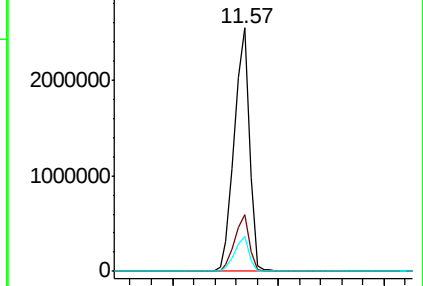
139 14.1 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.998 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

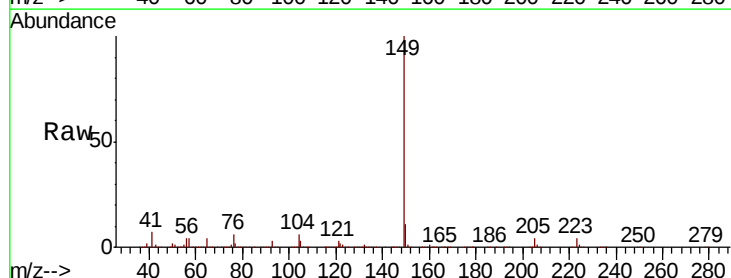
Tgt Ion:149 Resp: 3127176

Ion Ratio Lower Upper

149 100

150 10.7 8.1 12.1

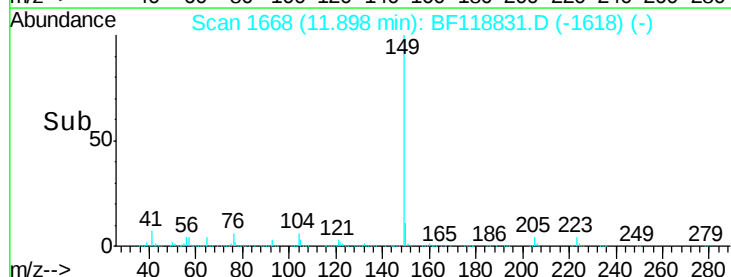
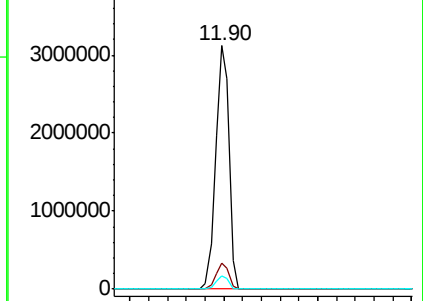
104 5.7 4.3 6.5

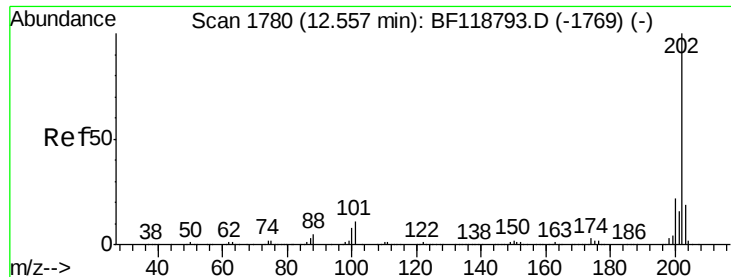


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

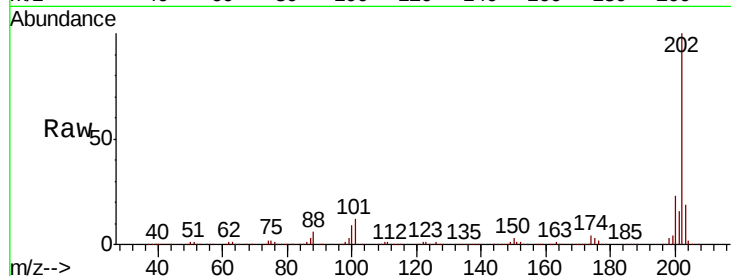




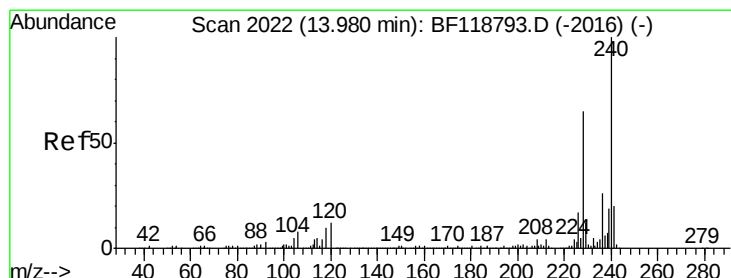
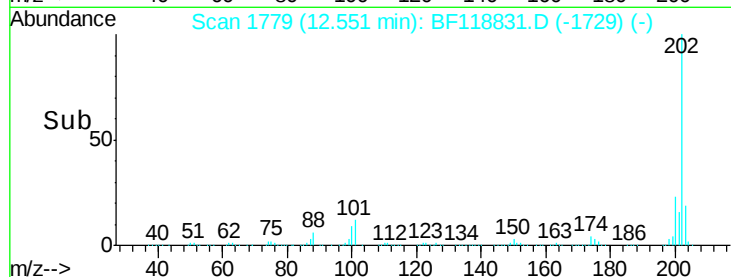
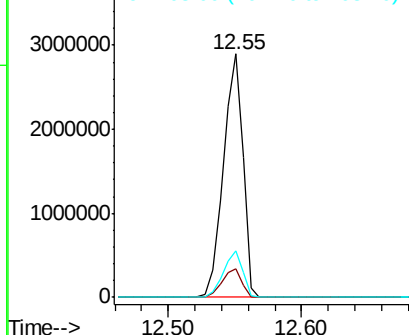
#75
Fluoranthene
Concen: 40.884 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2988541
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.0
203 19.3 0.0 38.7

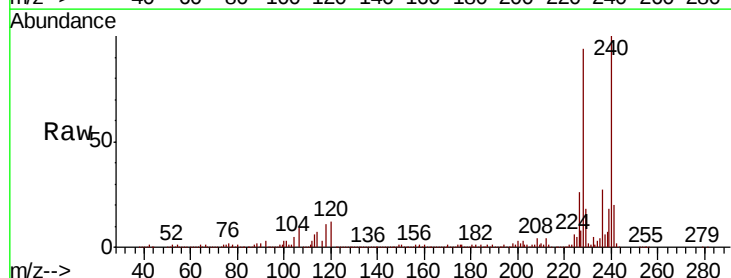


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

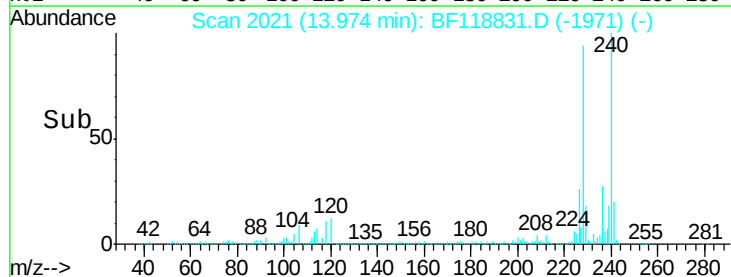
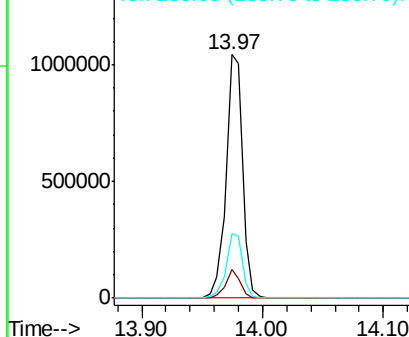


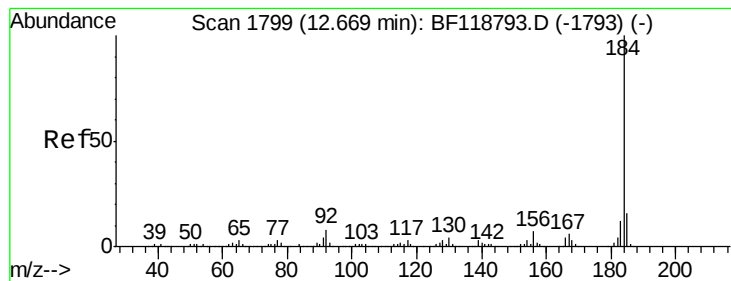
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:240 Resp: 986356
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 26.6 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: 42.483 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

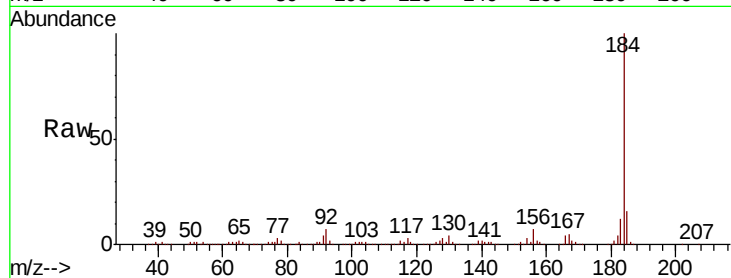
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1267404

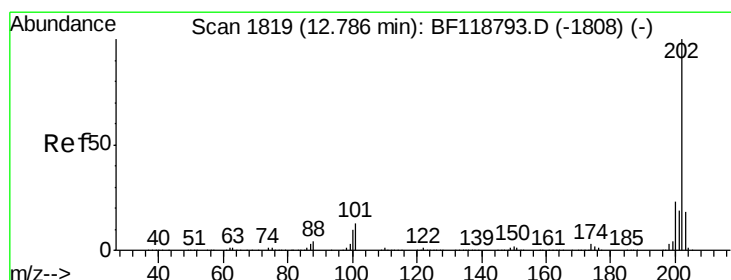
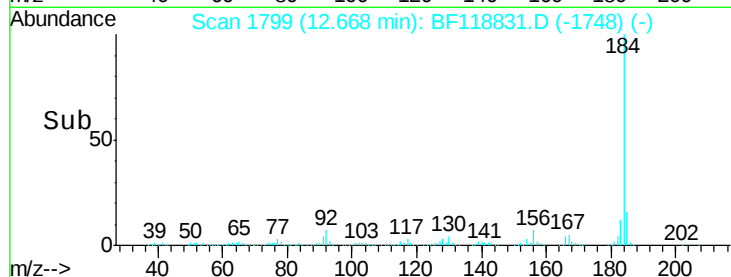
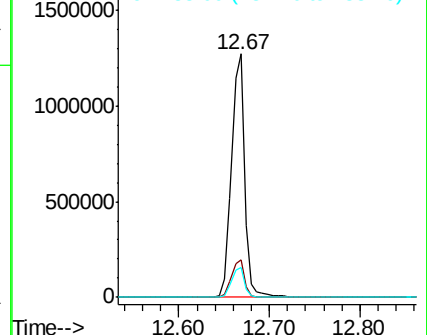
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.5	18.7
183	12.4	9.7	14.5



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: 42.386 ng

RT: 12.78 min Scan# 1818

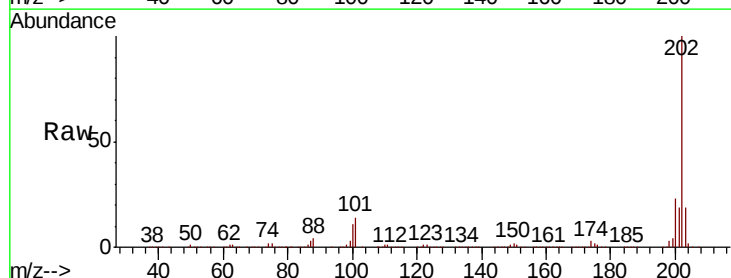
Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Tgt Ion:202 Resp: 2868108

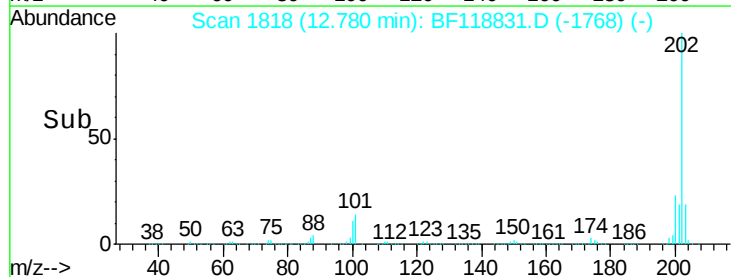
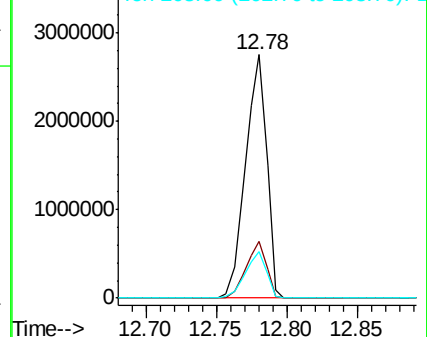
Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	18.9	14.8	22.2

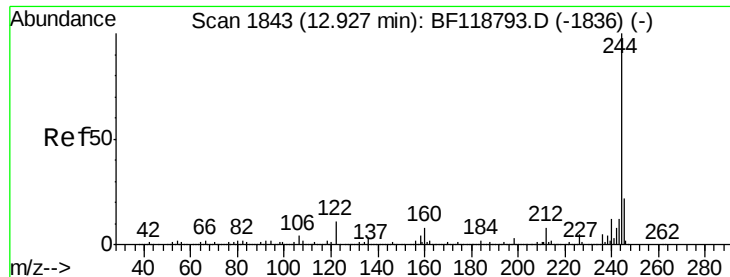


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.968 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

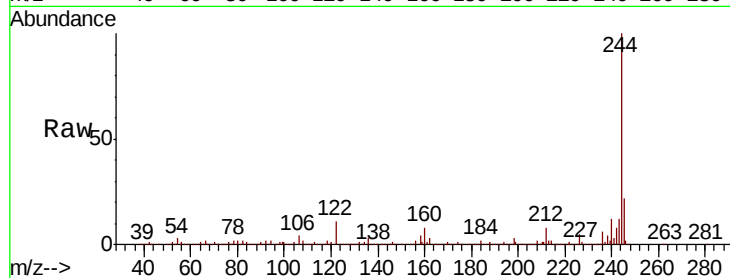
Tot Ion:244 Resp: 4080162

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

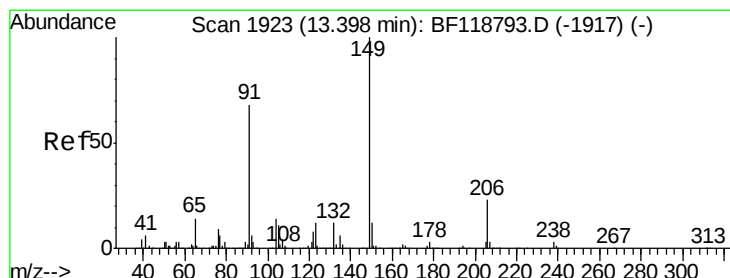
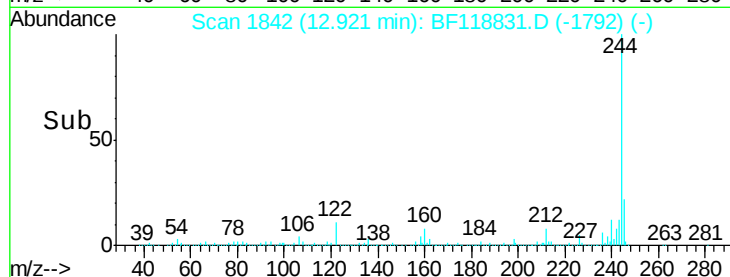
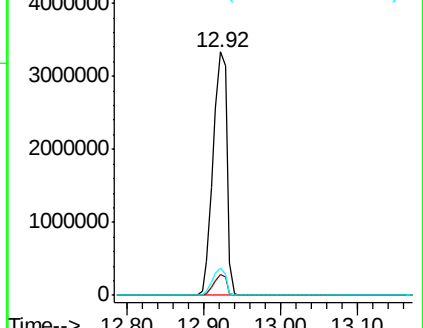
122 11.1 8.9 13.3



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: 44.279 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

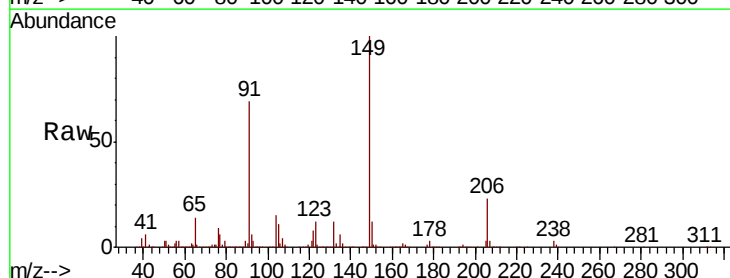
Tgt Ion:149 Resp: 1367572

Ion Ratio Lower Upper

149 100

91 69.2 54.7 82.1

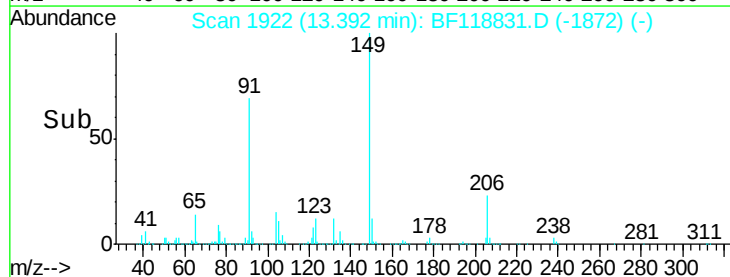
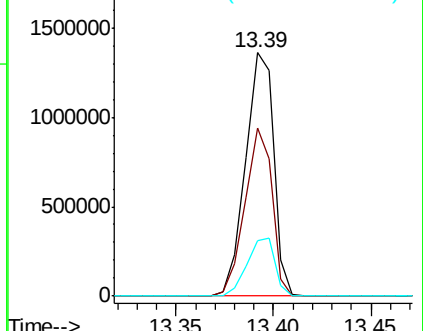
206 22.6 18.5 27.7

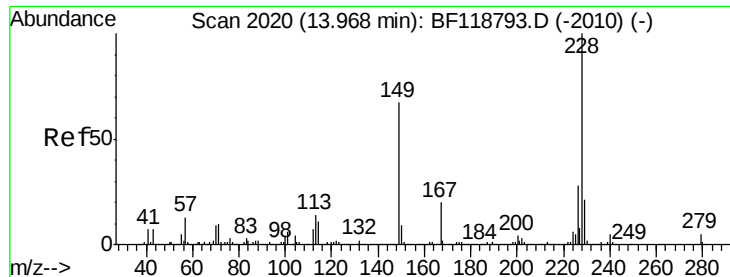


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.856 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

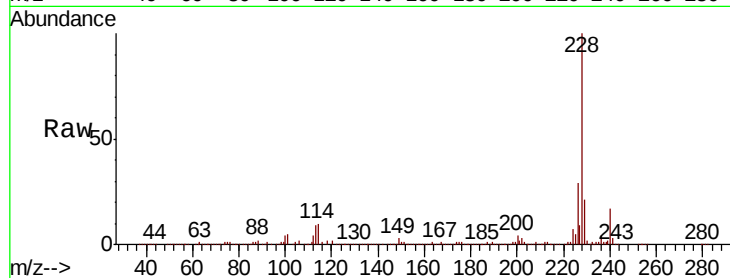
Tot Ion:228 Resp: 2515365

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

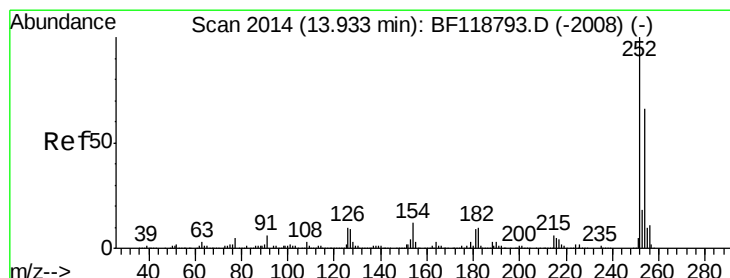
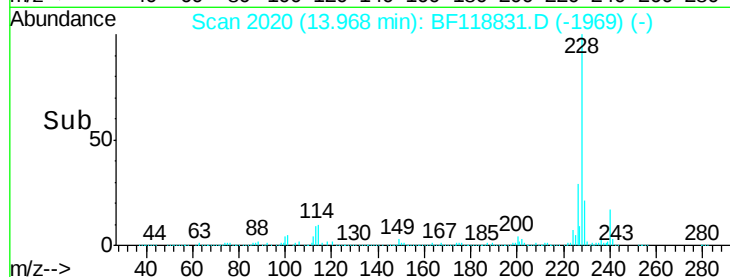
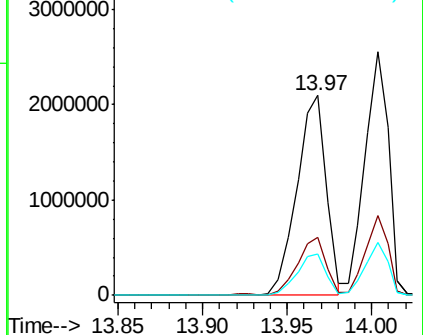
229 20.8 16.6 25.0



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: 43.707 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

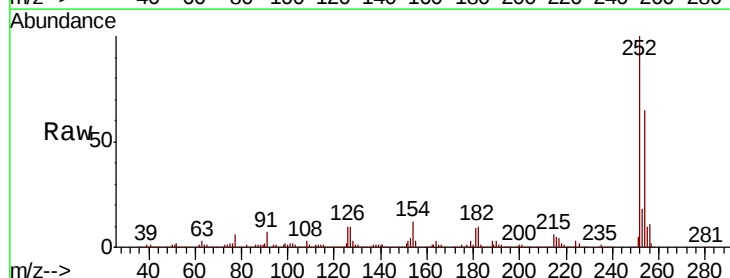
Tgt Ion:252 Resp: 1049234

Ion Ratio Lower Upper

252 100

254 64.9 52.4 78.6

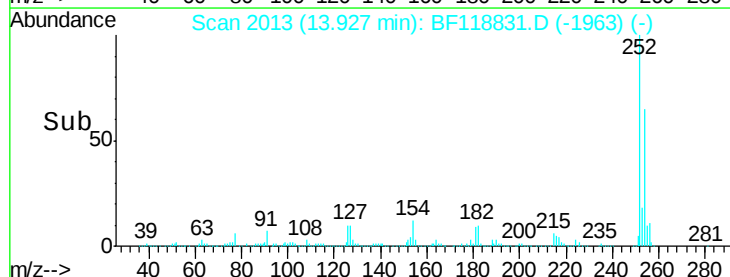
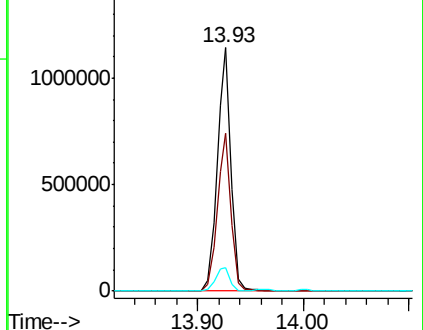
126 9.6 7.8 11.8

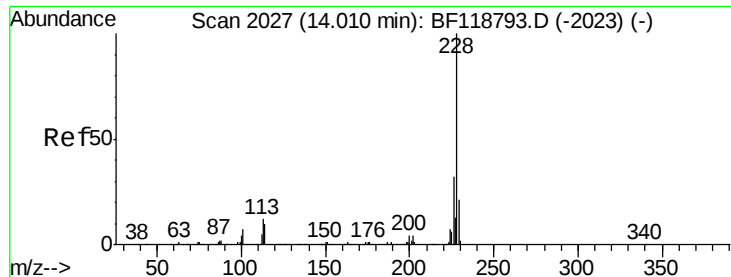


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

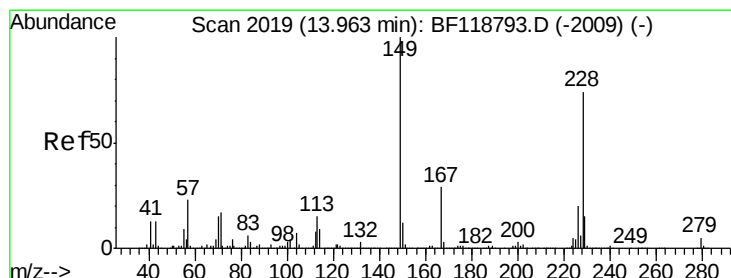
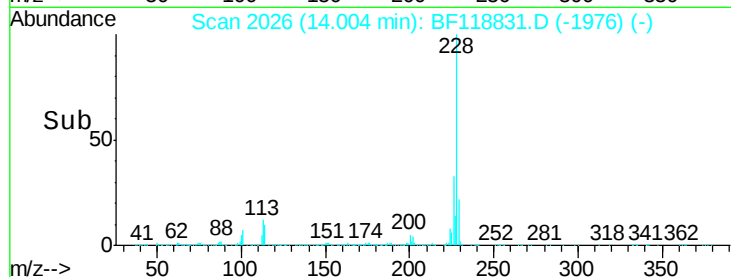
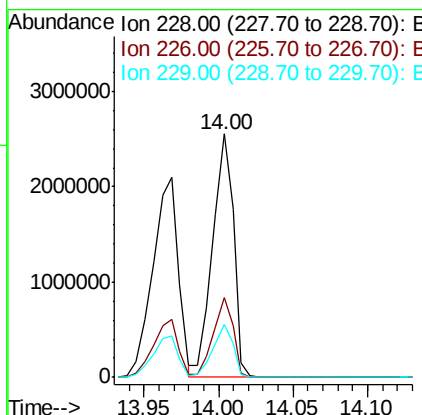
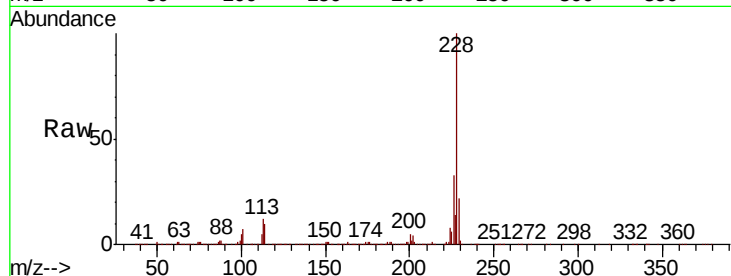




#83
 Chrvsene
 Concen: 42.267 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

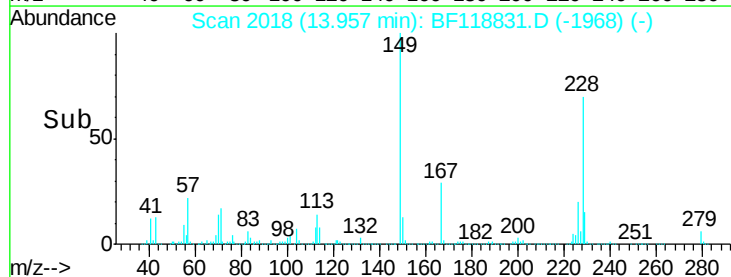
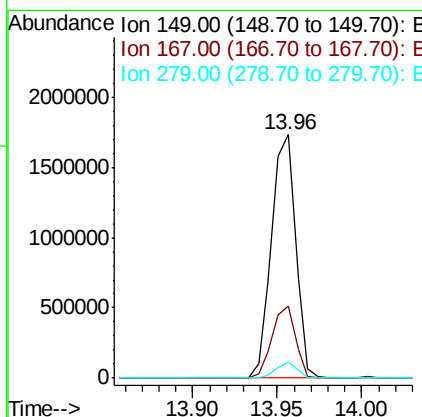
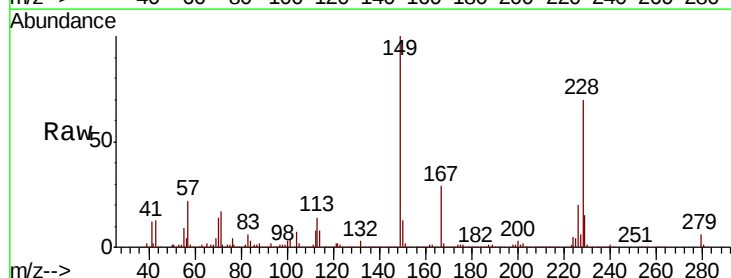
Instrument :
 BNA_F
 ClientSampleId :

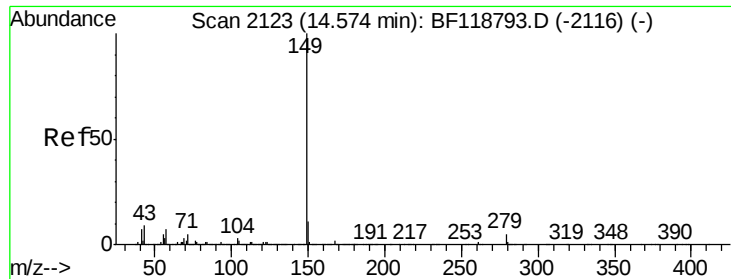
Tot Ion:228 Resp: 2489868
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.4 38.0
 229 21.6 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.978 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF118831.D
 Acq: 6 Feb 2020 9:59

Tgt Ion:149 Resp: 1723246
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.0 34.6
 279 6.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 39.632 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Instrument :

BNA_F

ClientSampleId :

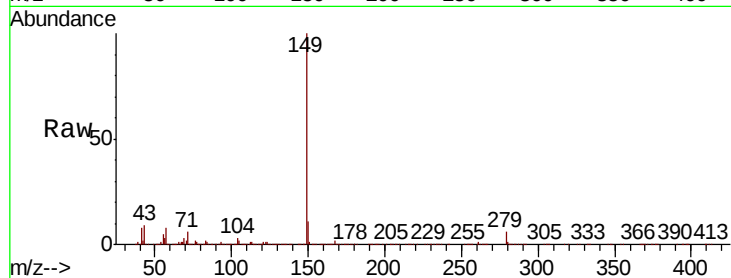
Tot Ion:149 Resp: 2660452

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

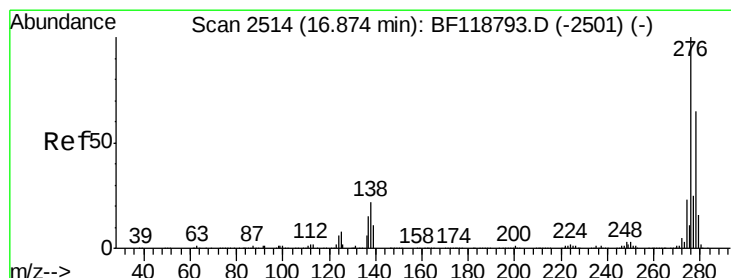
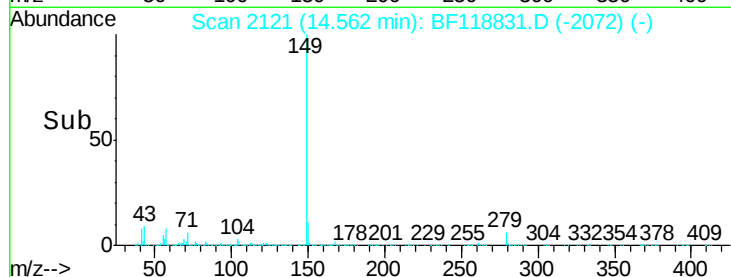
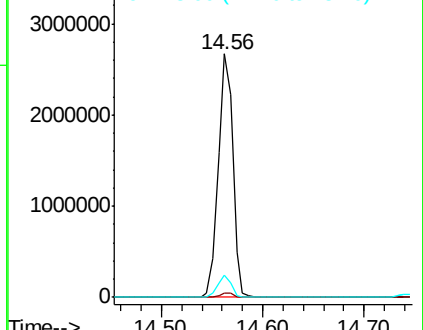
43 8.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.579 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

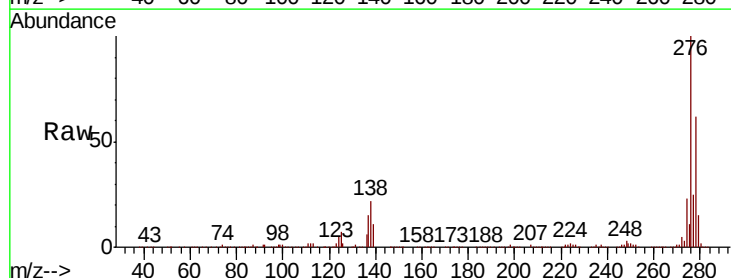
Tgt Ion:276 Resp: 2046619

Ion Ratio Lower Upper

276 100

138 23.0 18.3 27.5

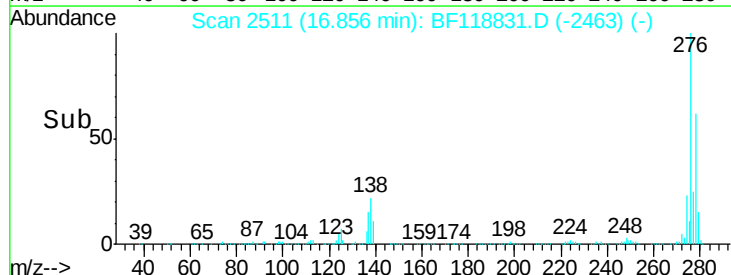
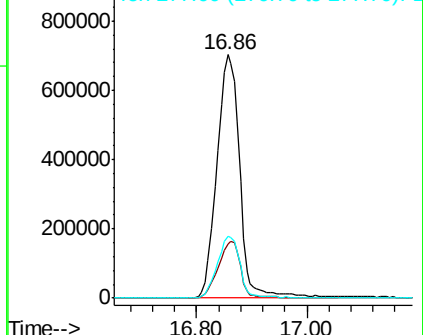
277 24.9 20.2 30.4

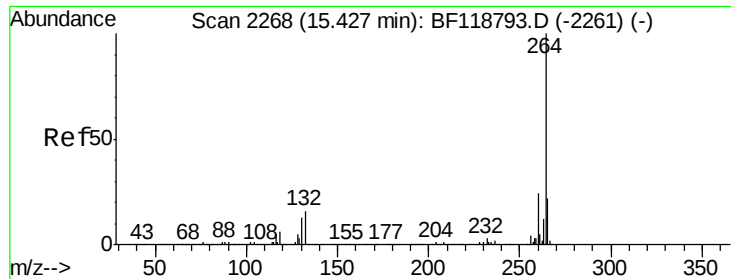


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

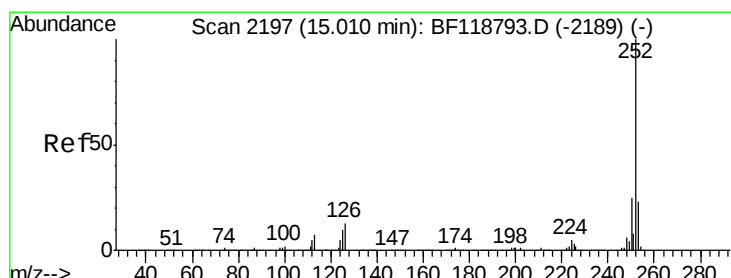
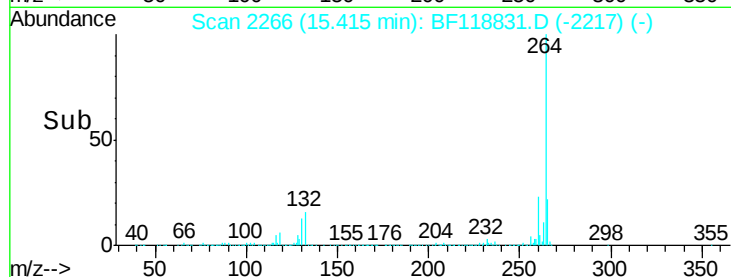
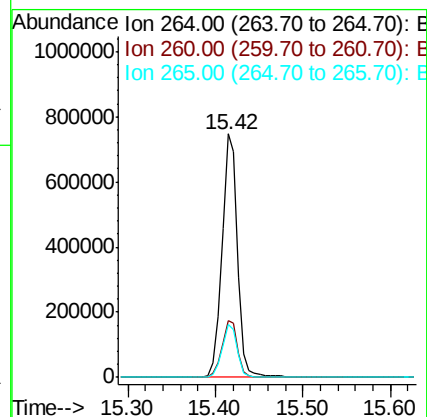
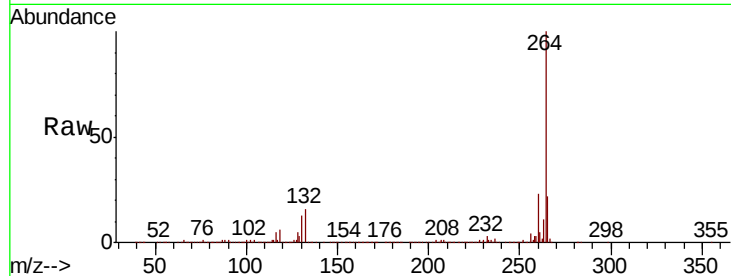




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

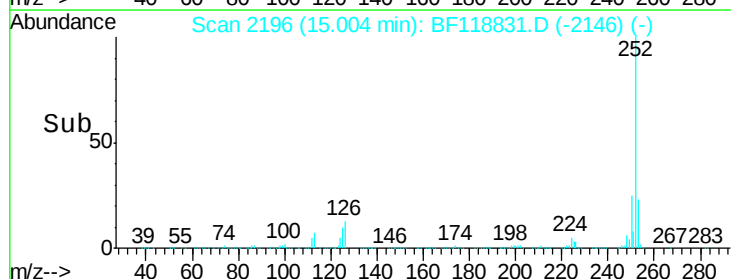
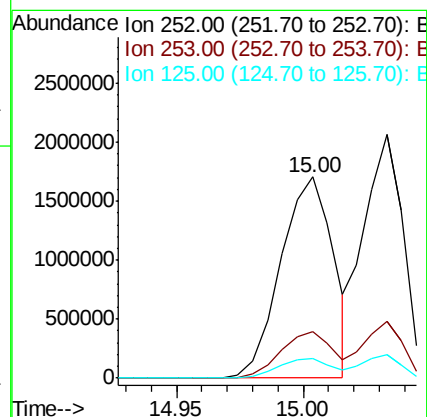
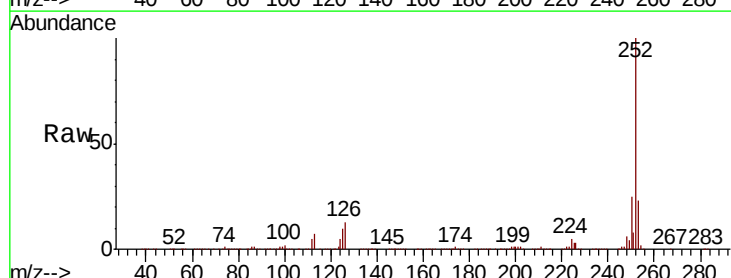
Instrument :
BNA_F
ClientSampleId :

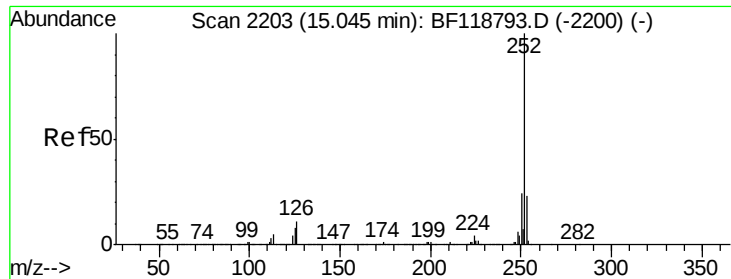
Tot Ion:264 Resp: 915852
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 43.155 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:252 Resp: 2452486
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 9.9 8.1 12.1

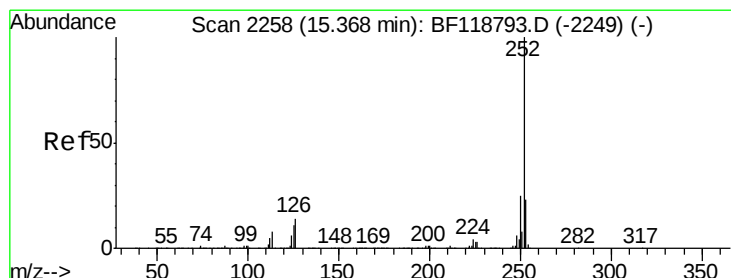
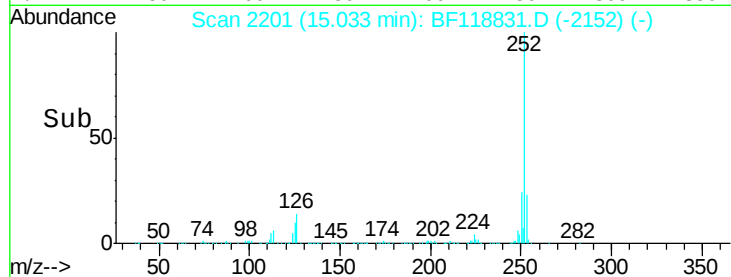
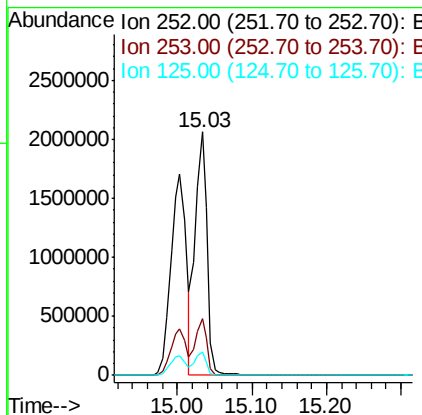
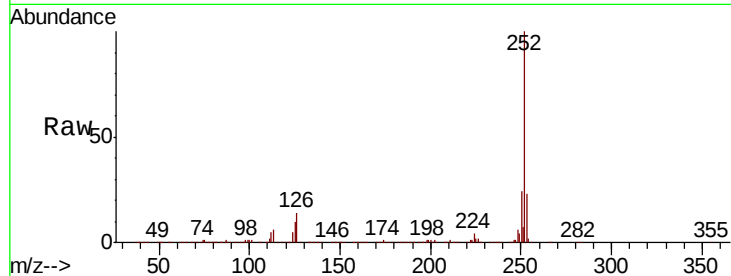




#89
Benzo(k)fluoranthene
Concen: 46.242 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

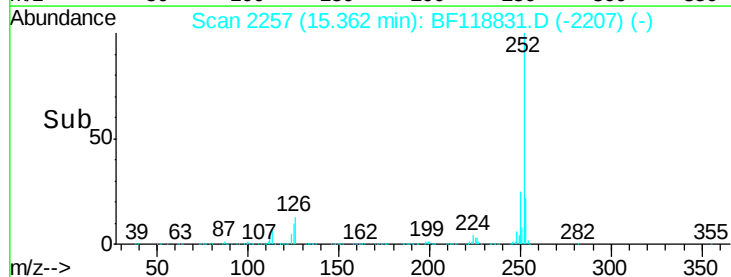
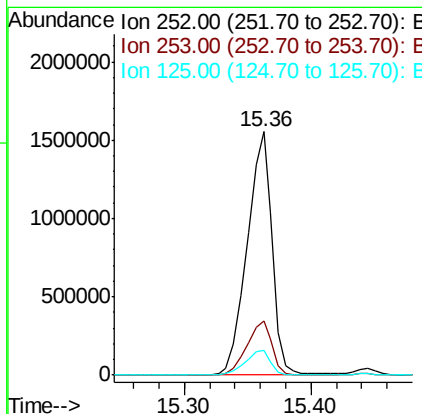
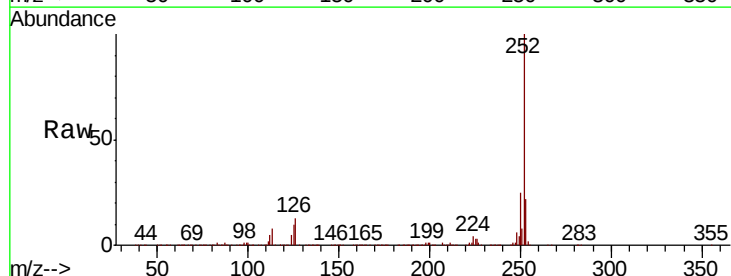
Instrument :
BNA_F
ClientSampleId :

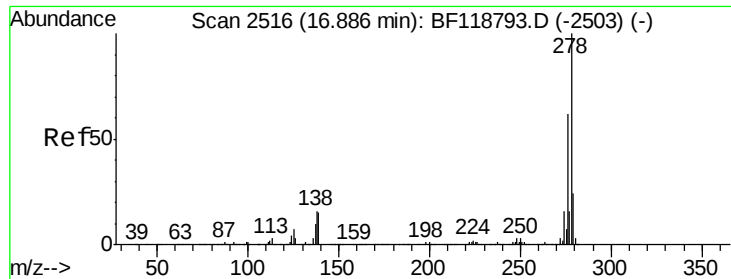
Tot Ion:252 Resp: 2288435
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 9.8 7.0 10.6



#90
Benzo(a)pyrene
Concen: 43.714 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118831.D
Acq: 6 Feb 2020 9:59

Tgt Ion:252 Resp: 2126086
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 39.355 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

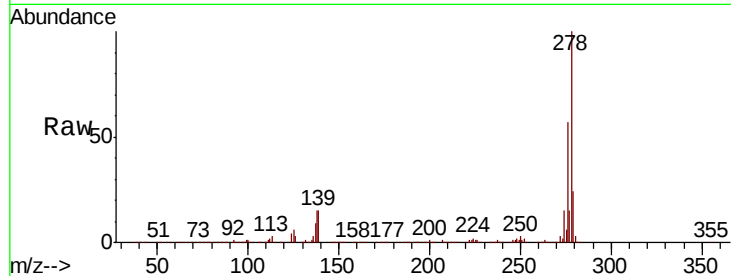
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1699158

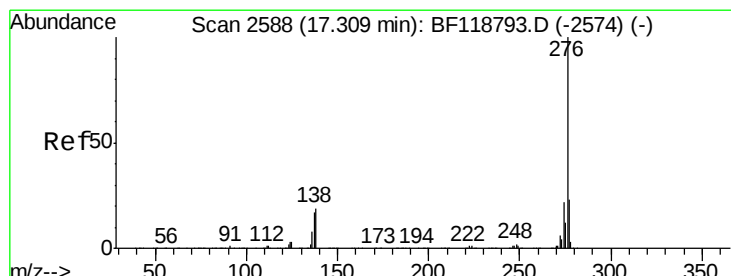
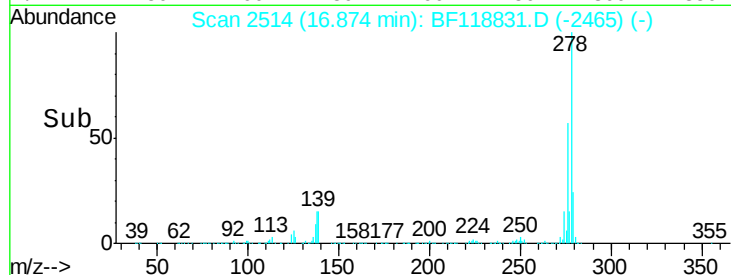
Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.3	18.5
279	24.4	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.293 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.02 min

Lab File: BF118831.D

Acq: 6 Feb 2020 9:59

Tgt Ion:276 Resp: 1590038

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	20.2	15.4	23.2

