

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118917.D
 Acq On : 13 Feb 2020 12:18
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:34:03 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	6.80	152	252875	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	899520	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	371667	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	708881	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	558517	20.00	ng	-0.02
87) Perylene-d12	15.40	264	502622	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1159243	86.78	ng	-0.01
7) Phenol-d6	6.44	99	1406763	84.83	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1309652	86.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	376234	84.60	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1825159	87.79	ng	-0.02
79) Terphenyl-d14	12.90	244	2283318	83.97	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	241155	39.611	ng	100
3) Pyridine	3.25	79	713044	42.179	ng	99
4) n-Nitrosodimethylamine	3.19	42	265905	43.202	ng	95
6) Aniline	6.46	93	874086	40.925	ng	95
8) 2-Chlorophenol	6.59	128	637811	42.865	ng	99
9) Benzaldehyde	6.35	77	401784	43.170	ng	98
10) Phenol	6.45	94	769119	41.711	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	602273	42.693	ng	98
12) 1,3-Dichlorobenzene	6.74	146	752206	42.470	ng	99
13) 1,4-Dichlorobenzene	6.82	146	749873	42.445	ng	99
14) 1,2-Dichlorobenzene	6.97	146	693476	41.092	ng	98
15) Benzyl Alcohol	6.94	79	539002	42.050	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	754090	43.650	ng	97
17) 2-Methylphenol	7.06	107	514893	41.622	ng	99
18) Hexachloroethane	7.31	117	266760	42.071	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	413998	40.802	ng	99
20) 3+4-Methylphenols	7.21	107	600755	38.743	ng	# 84
22) Acetophenone	7.21	105	838999	42.930	ng	# 99
24) Nitrobenzene	7.38	77	657544	43.615	ng	100
25) Isophorone	7.62	82	1135009	41.848	ng	99
26) 2-Nitrophenol	7.70	139	351718	43.781	ng	96
27) 2,4-Dimethylphenol	7.74	122	458587	42.023	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	760004	43.213	ng	99
29) 2,4-Dichlorophenol	7.95	162	556078	42.550	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	644762	42.208	ng	99
31) Naphthalene	8.10	128	1771382	43.057	ng	99
32) Benzoic acid	7.87	122	362709	40.144	ng	97
33) 4-Chloroaniline	8.15	127	762566	41.430	ng	100
34) Hexachlorobutadiene	8.22	225	390021	41.675	ng	99
35) Caprolactam	8.52	113	177510	41.899	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	539425	41.014	ng	96
37) 2-Methylnaphthalene	8.79	142	883192	30.954	ng	98
38) 1-Methylnaphthalene	8.89	142	829045	30.887	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	482654	43.028	ng	99

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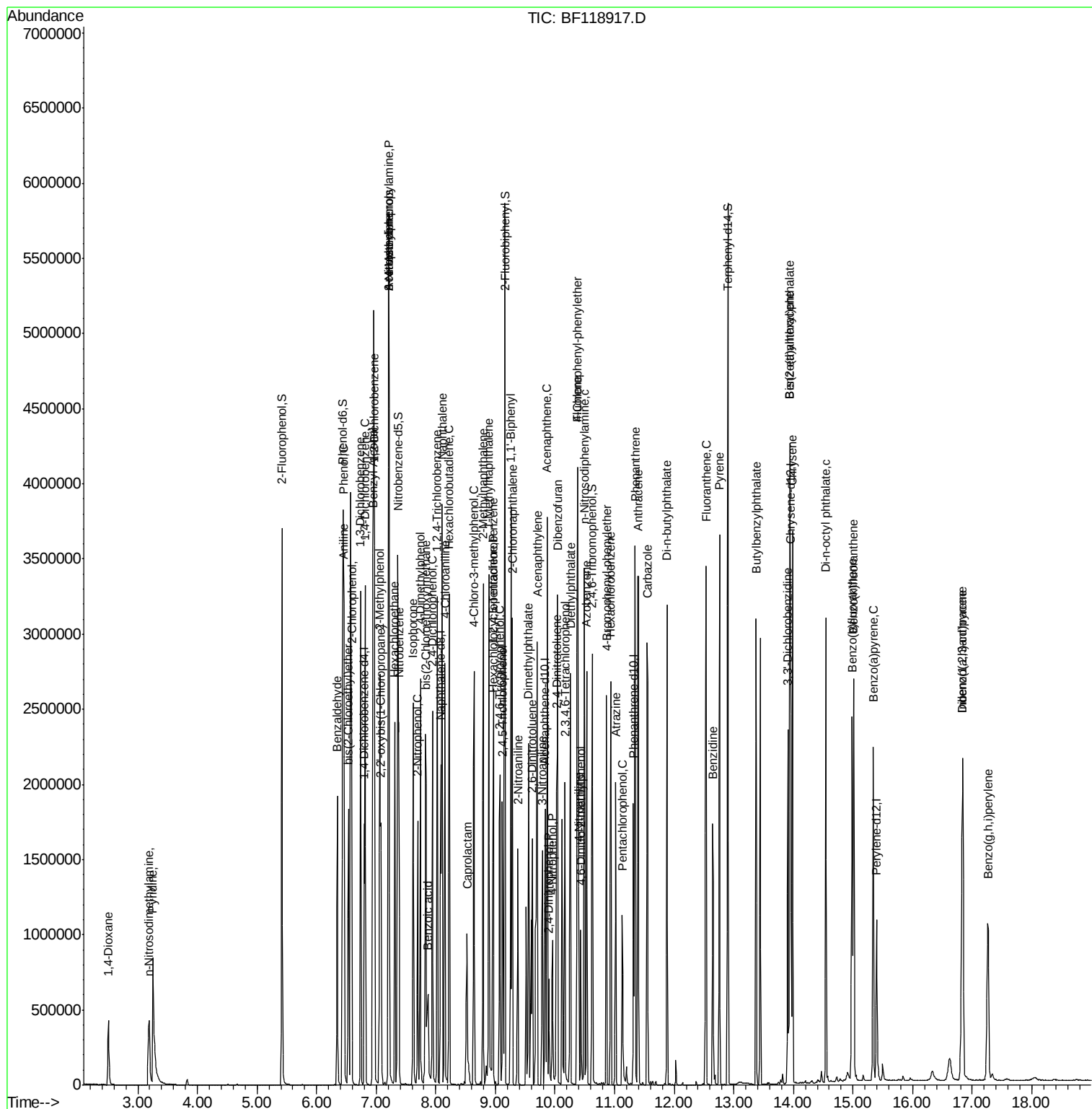
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	112923	25.673	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	307653	41.015	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	312507	40.774	ng	96
46) 1,1'-Biphenyl	9.26	154	1110722	43.202	ng	99
47) 2-Chloronaphthalene	9.28	162	914820	42.802	ng	99
48) 2-Nitroaniline	9.37	65	261407	42.405	ng	92
49) Acenaphthylene	9.70	152	1339756	43.413	ng	99
50) Dimethylphthalate	9.56	163	1090342	43.085	ng	99
51) 2,6-Dinitrotoluene	9.62	165	243079	41.979	ng	92
52) Acenaphthene	9.87	154	800470	39.363	ng	100
53) 3-Nitroaniline	9.79	138	271809	42.326	ng	92
54) 2,4-Dinitrophenol	9.90	184	106777	38.358	ng	96
55) Dibenzofuran	10.04	168	1215052	41.344	ng	100
56) 4-Nitrophenol	9.96	139	164511	35.396	ng	95
57) 2,4-Dinitrotoluene	10.03	165	329929	43.055	ng	96
58) Fluorene	10.38	166	947535	42.856	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	268971	40.184	ng	99
60) Diethylphthalate	10.26	149	1035792	42.092	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	504227	42.053	ng	97
62) 4-Nitroaniline	10.40	138	278861	43.362	ng	97
63) Azobenzene	10.53	77	892861	42.499	ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	166358	41.764	ng	86
66) n-Nitrosodiphenylamine	10.49	169	865794	42.165	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	346474	41.317	ng	99
68) Hexachlorobenzene	10.93	284	407088	42.324	ng	99
69) Atrazine	11.02	200	274559	40.135	ng	100
70) Pentachlorophenol	11.13	266	168175	33.114	ng	98
71) Phenanthrene	11.35	178	1451397	41.614	ng	98
72) Anthracene	11.40	178	1449783	41.784	ng	97
73) Carbazole	11.55	167	1302097	42.761	ng	99
74) Di-n-butylphthalate	11.88	149	1650437	42.548	ng	98
75) Fluoranthene	12.53	202	1562651	41.035	ng	98
77) Benzidine	12.65	184	682779	40.419	ng	100
78) Pyrene	12.76	202	1585386	41.377	ng	98
80) Butylbenzylphthalate	13.37	149	701542	40.115	ng	96
81) Benzo(a)anthracene	13.95	228	1338697	40.280	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	525897	38.688	ng	99
83) Chrysene	13.99	228	1319388	39.554	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	908735	40.957	ng	99
85) Di-n-octyl phthalate	14.54	149	1479500	38.923	ng	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1183176	35.304	ng	99
88) Benzo(b)fluoranthene	14.99	252	1342556	43.046	ng	97
89) Benzo(k)fluoranthene	15.01	252	1150308	42.354	ng	99
90) Benzo(a)pyrene	15.34	252	1126522	42.205	ng	99
91) Dibenzo(a,h)anthracene	16.84	278	970621	40.963	ng	98
92) Benzo(g,h,i)perylene	17.26	276	943979	41.425	ng	99

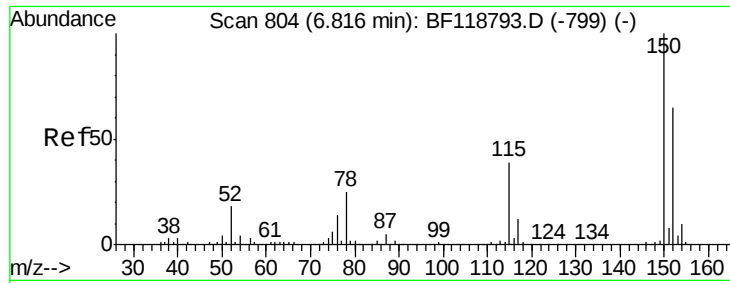
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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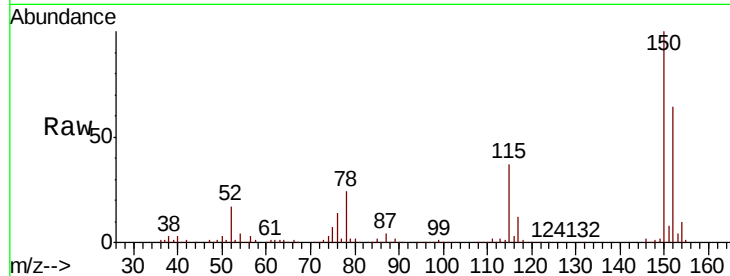


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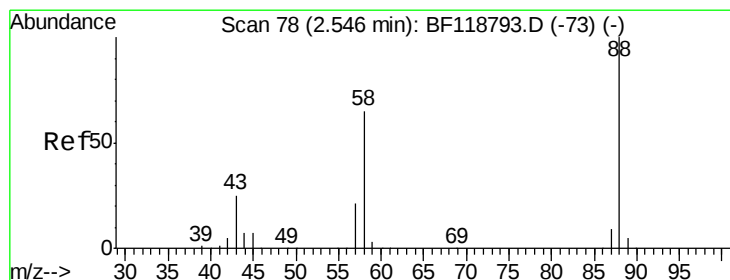
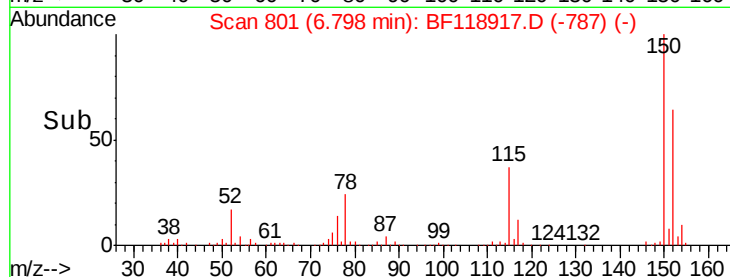
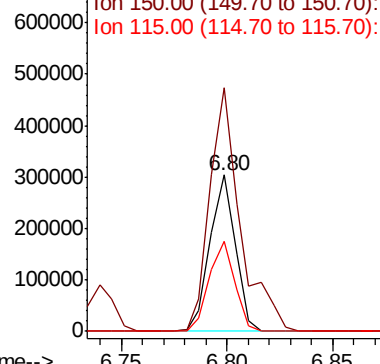
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 252875
Ion Ratio Lower Upper
152 100
150 155.6 123.6 185.4
115 57.9 48.2 72.2



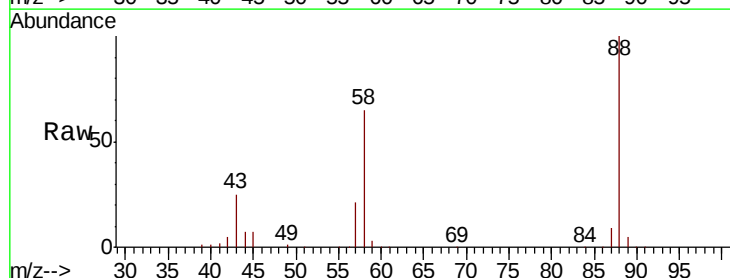
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



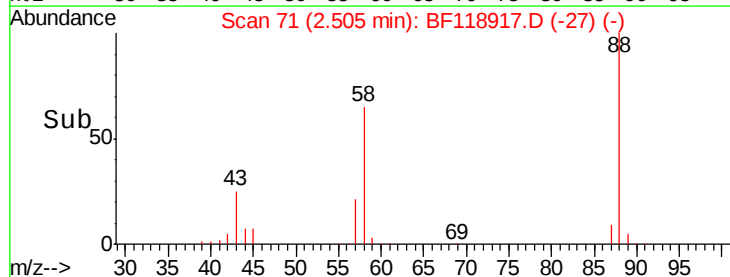
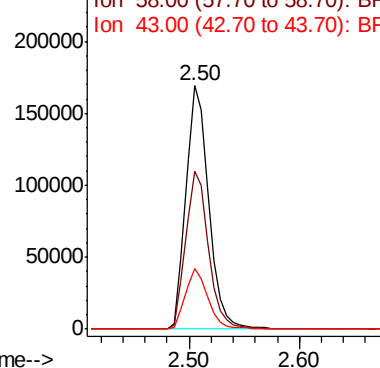
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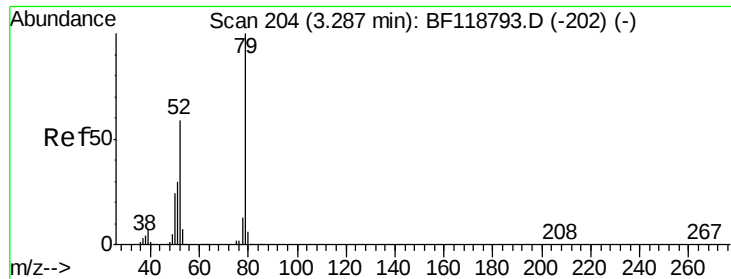
1,4-Dioxane
Concen: 39.611 ng
RT: 2.50 min Scan# 71
Delta R.T. -0.04 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion: 88 Resp: 241155
Ion Ratio Lower Upper
88 100
58 64.4 51.6 77.4
43 24.6 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: 42.179 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.04 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

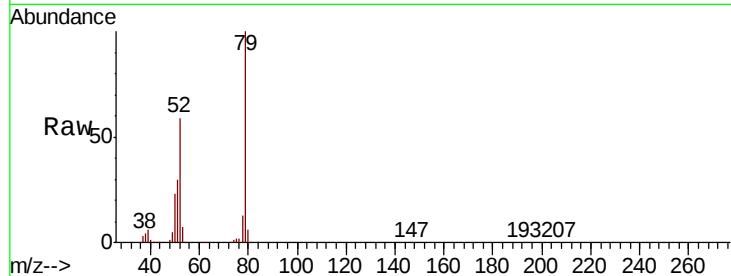
Tot Ion: 79 Resp: 713044

Ion Ratio Lower Upper

79 100

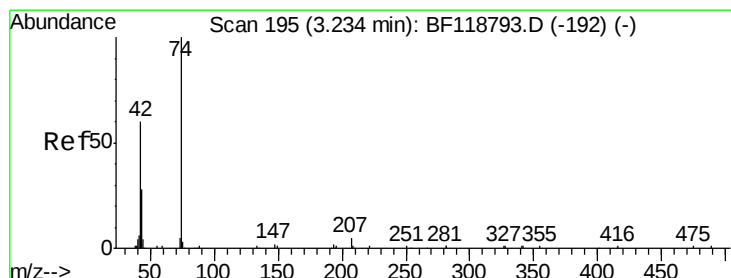
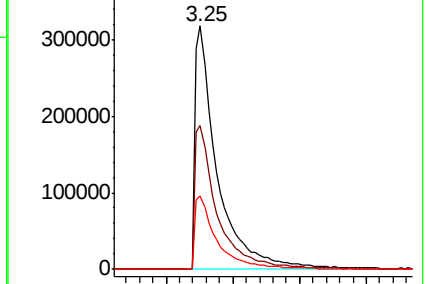
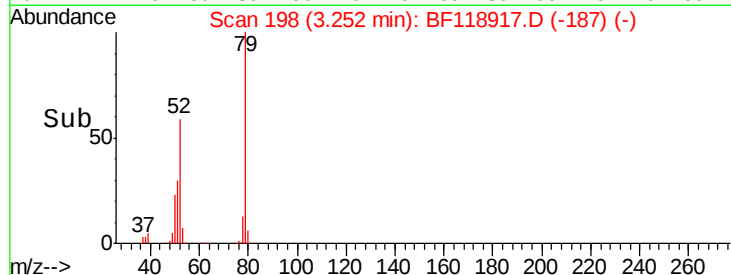
52 58.9 47.4 71.0

51 29.9 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

3.25



#4

n-Nitrosodimethylamine

Concen: 43.202 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.05 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

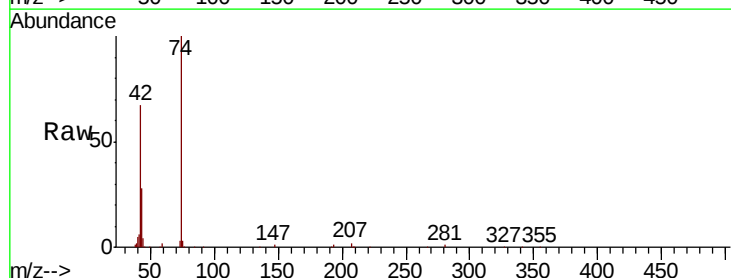
Tgt Ion: 42 Resp: 265905

Ion Ratio Lower Upper

42 100

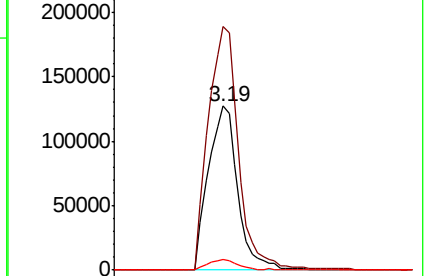
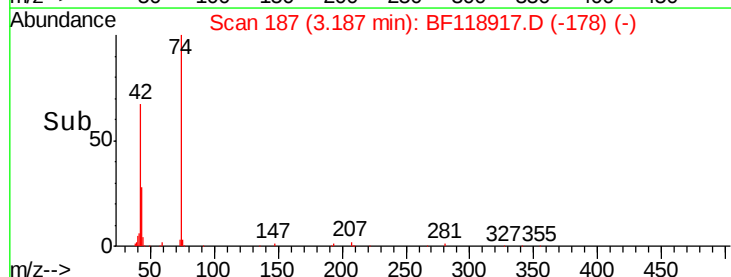
74 148.5 124.3 186.5

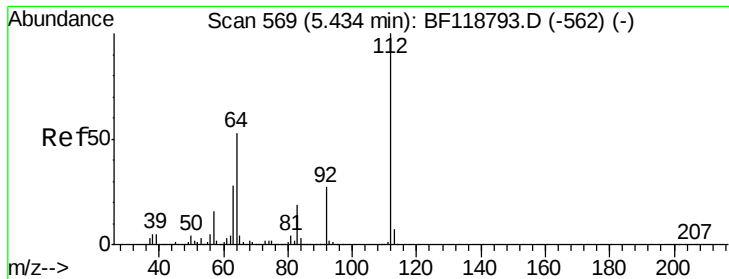
44 6.2 5.3 7.9



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

3.19





#5

2-Fluorophenol

Concen: 86.777 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampled :

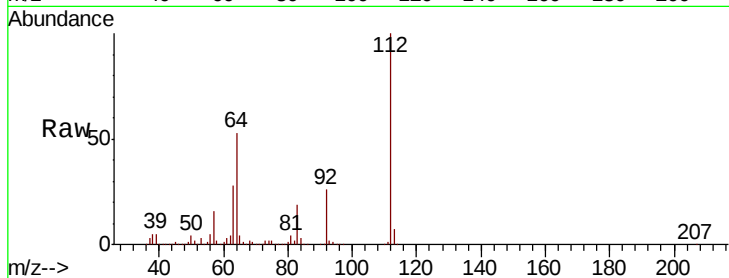
Tot Ion:112 Resp: 1159243

Ion Ratio Lower Upper

112 100

64 53.2 42.6 63.8

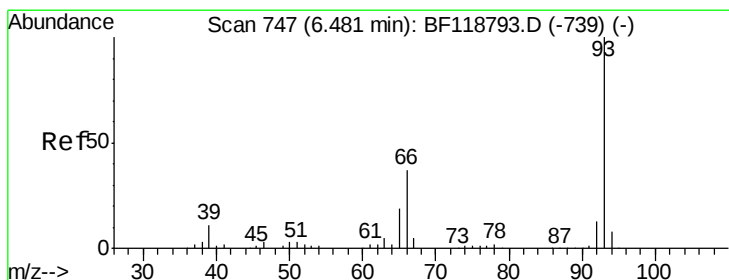
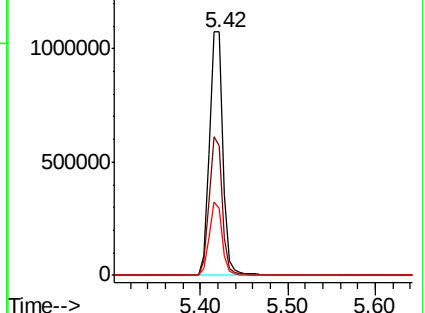
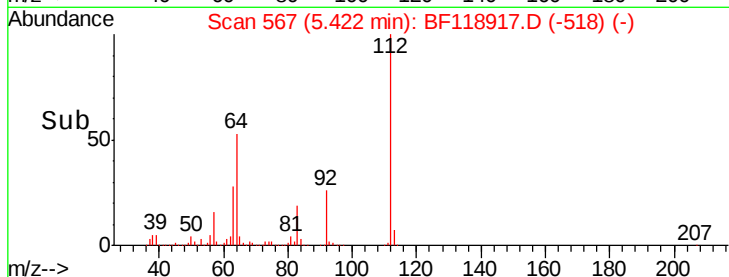
63 27.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.925 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

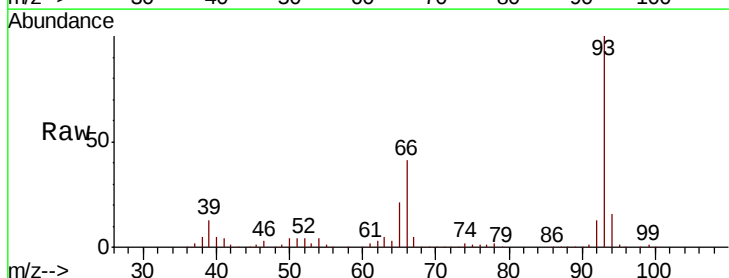
Tgt Ion: 93 Resp: 874086

Ion Ratio Lower Upper

93 100

66 41.2 30.8 46.2

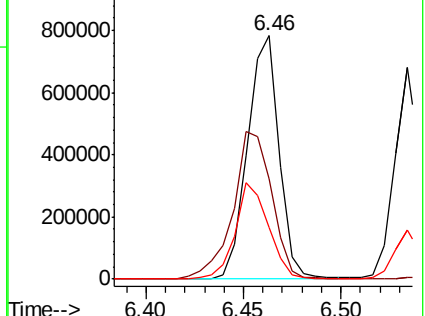
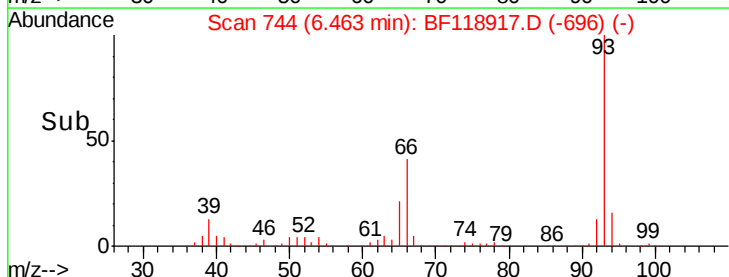
65 21.2 15.4 23.0

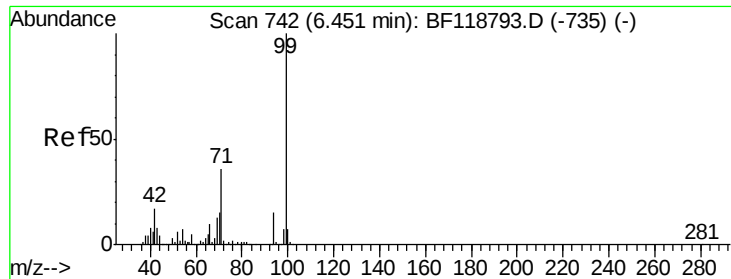


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.831 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118917.D

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ClientSampleId :

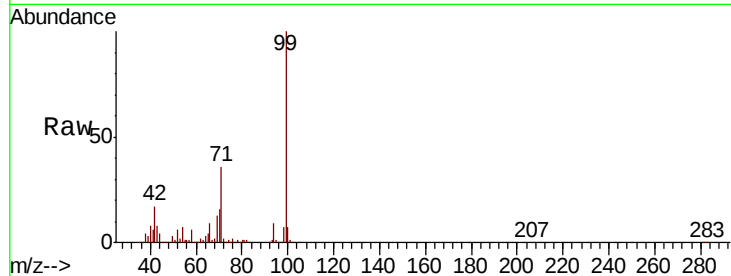
Tot Ion: 99 Resp: 1406763

Ion Ratio Lower Upper

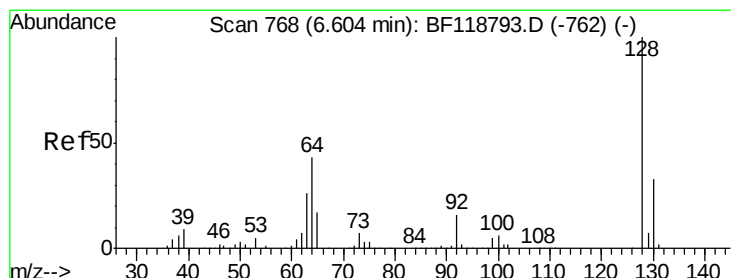
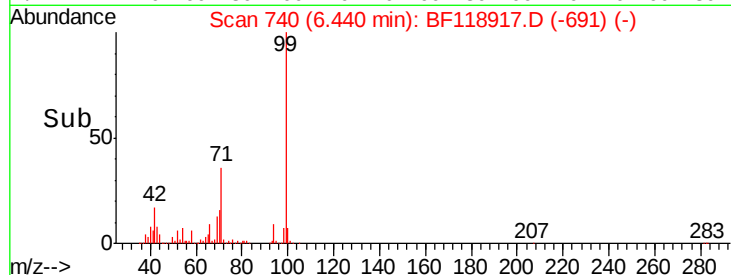
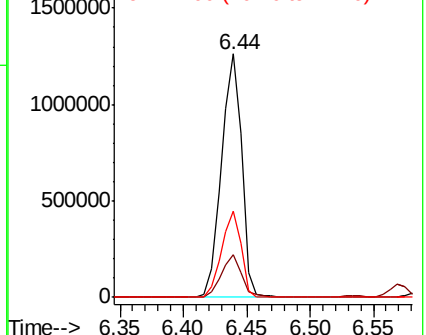
99 100

42 17.3 13.4 20.0

71 35.6 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: 42.865 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

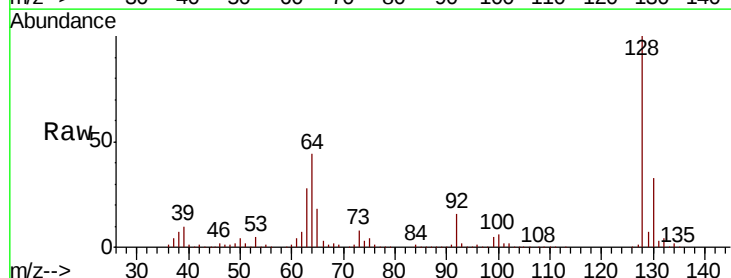
Tgt Ion: 128 Resp: 637811

Ion Ratio Lower Upper

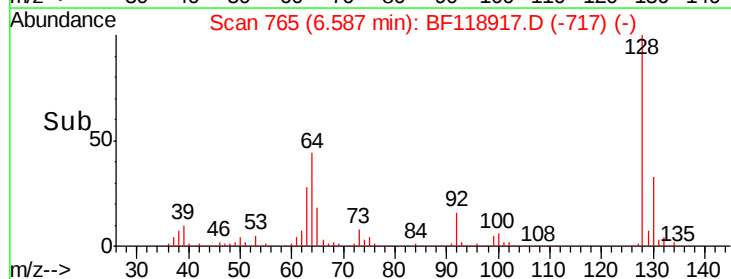
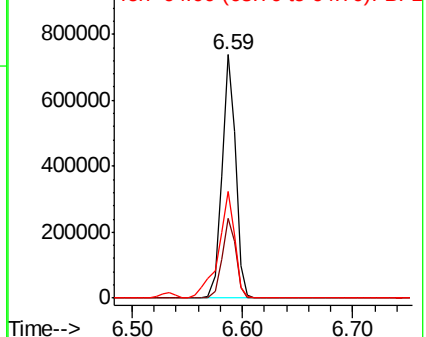
128 100

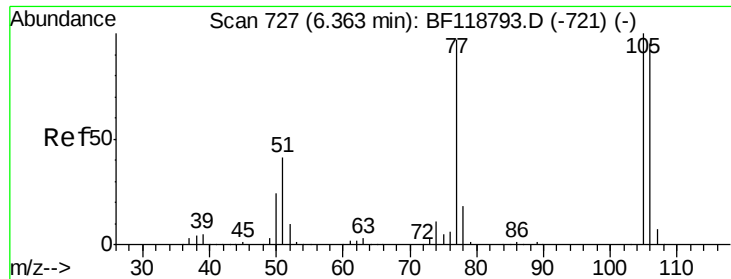
130 32.7 13.1 53.1

64 43.9 23.0 63.0



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





#9

Benzaldehyde

Concen: 43.170 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF118917.D

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ClientSampleId :

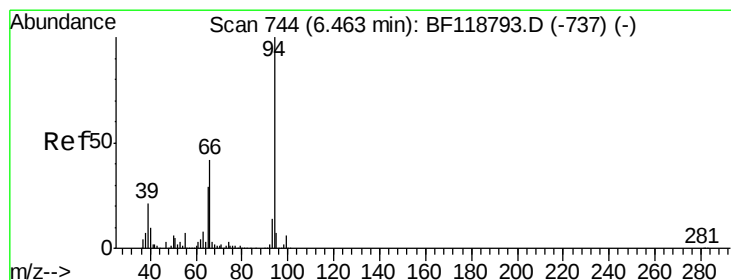
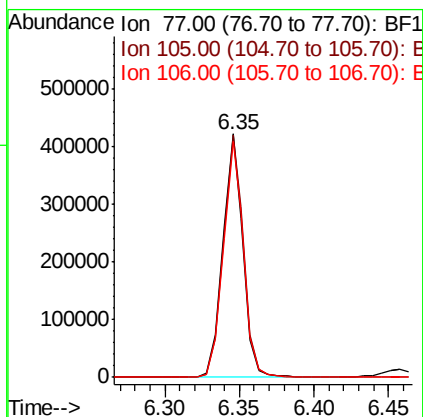
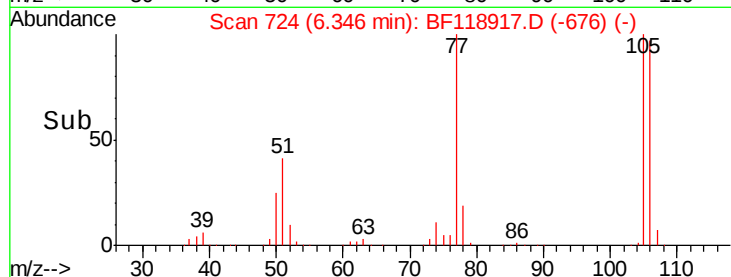
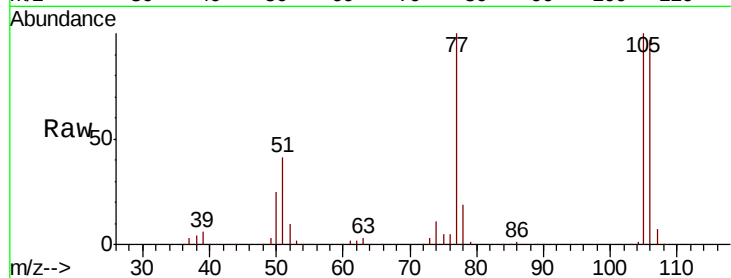
Tot Ion: 77 Resp: 401784

Ion Ratio Lower Upper

77 100

105 99.6 82.8 122.8

106 96.7 78.1 118.1



#10

Phenol

Concen: 41.711 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

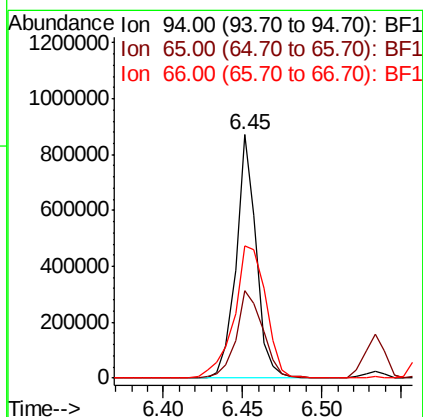
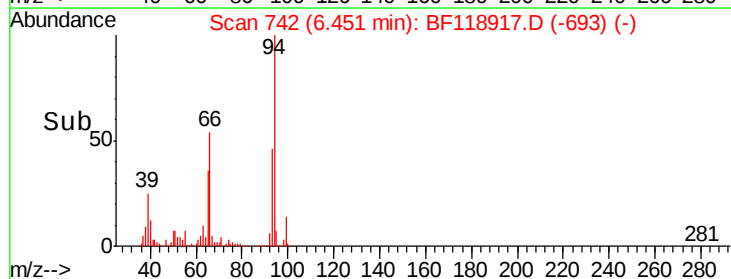
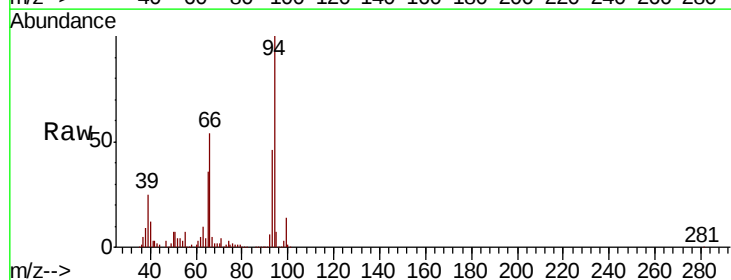
Tgt Ion: 94 Resp: 769119

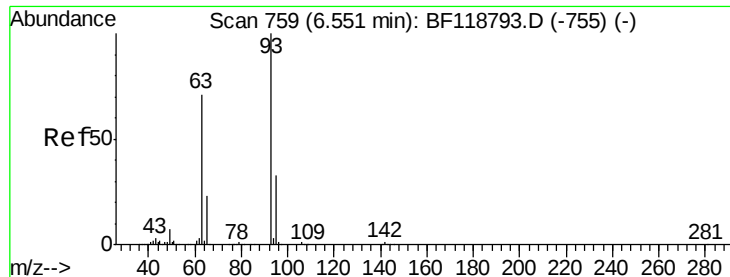
Ion Ratio Lower Upper

94 100

65 35.8 9.1 49.1

66 54.5 21.7 61.7

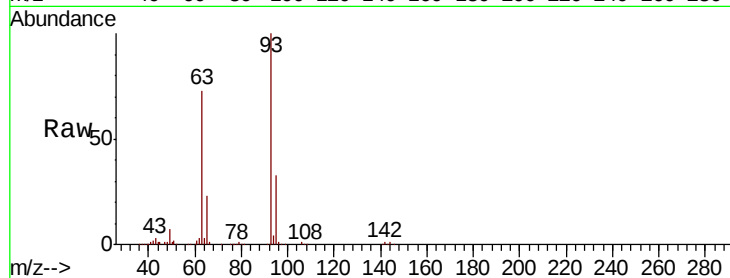




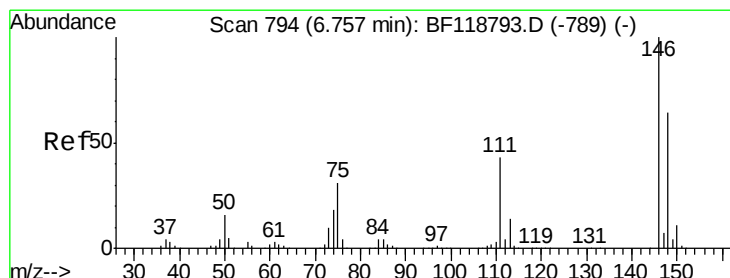
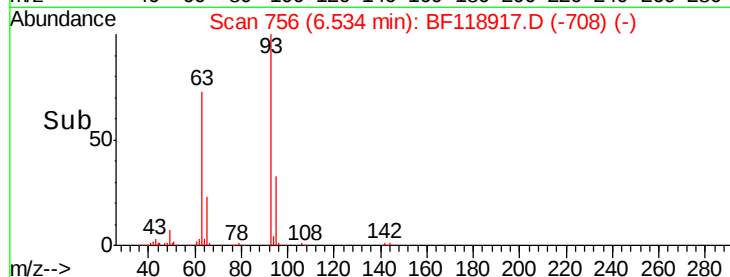
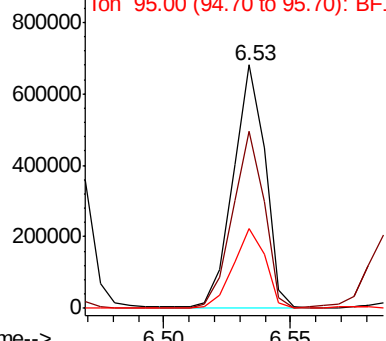
#11
bis(2-Chloroethyl)ether
Concen: 42.693 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 602273
Ion Ratio Lower Upper
93 100
63 72.7 50.7 90.7
95 32.7 12.6 52.6

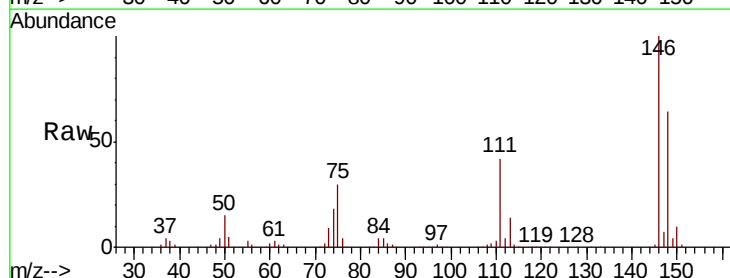


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

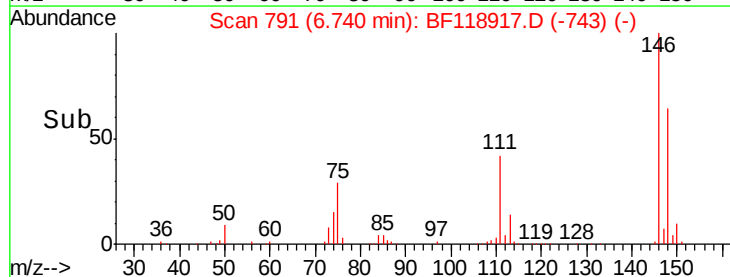
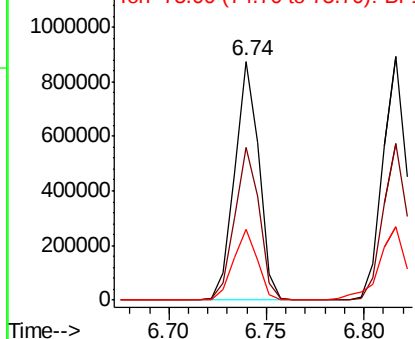


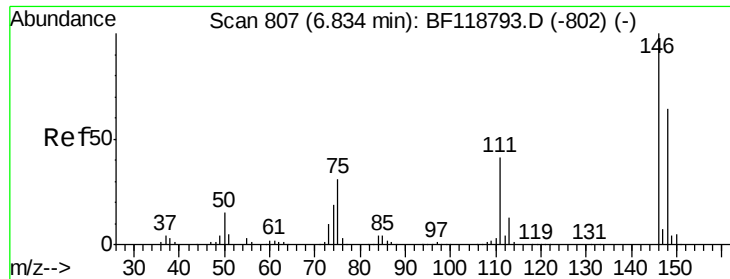
#12
1,3-Dichlorobenzene
Concen: 42.470 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion: 146 Resp: 752206
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
75 29.9 25.0 37.4



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

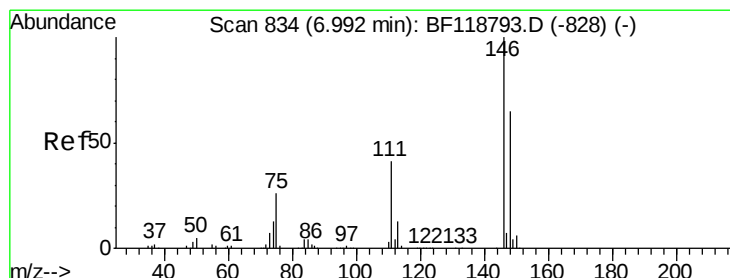
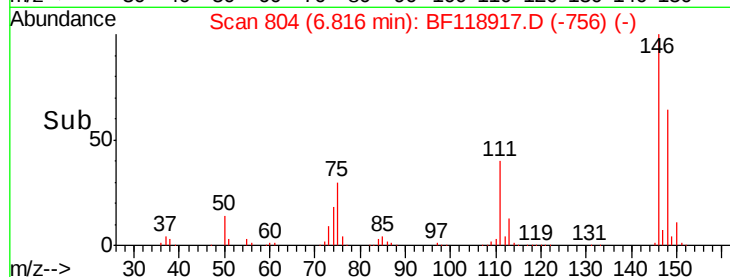
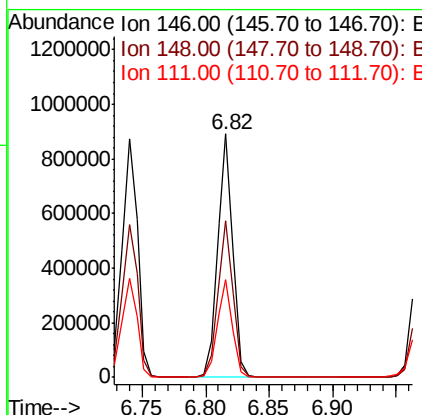
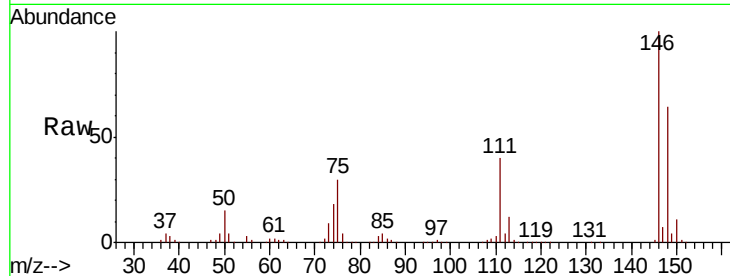




#13
 1,4-Dichlorobenzene
 Concen: 42.445 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

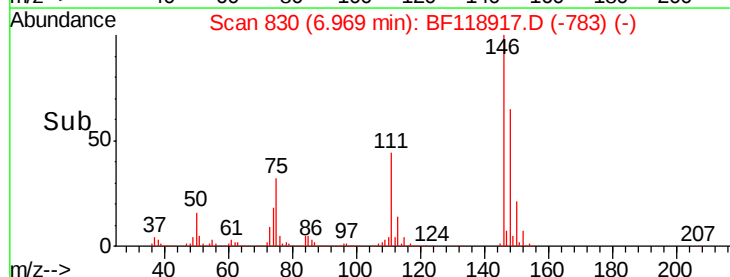
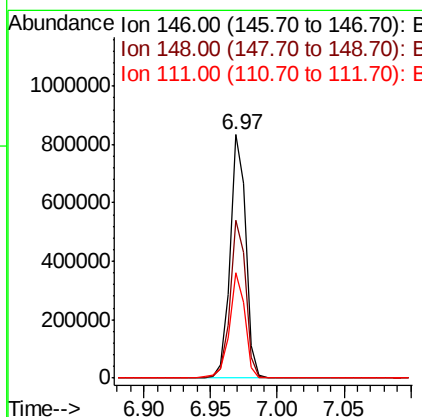
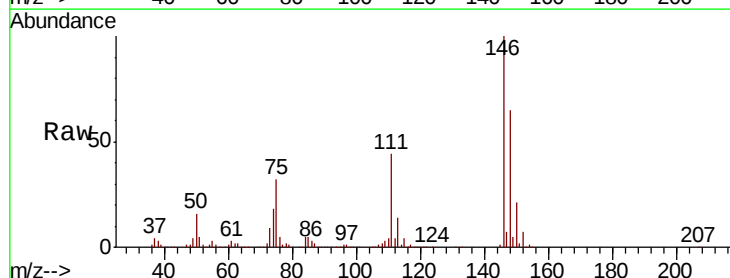
Instrument :
 BNA_F
 ClientSampleId :

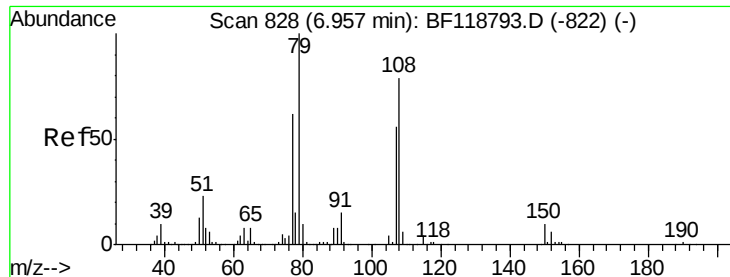
Tot Ion:146 Resp: 749873
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 40.2 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 41.092 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:146 Resp: 693476
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 43.5 32.7 49.1





#15

Benzyl Alcohol

Concen: 42.050 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

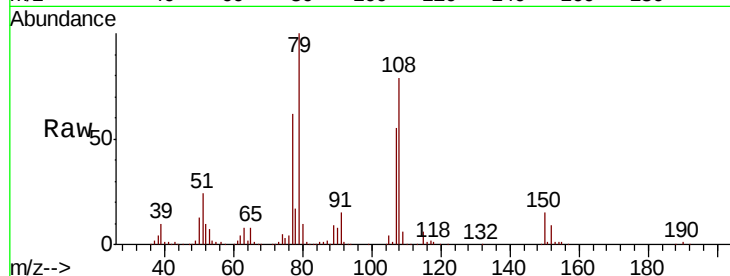
Tot Ion: 79 Resp: 539002

Ion Ratio Lower Upper

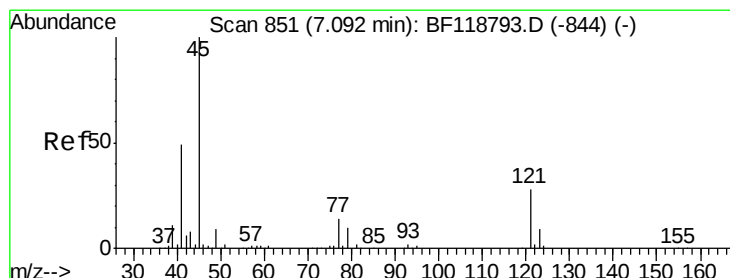
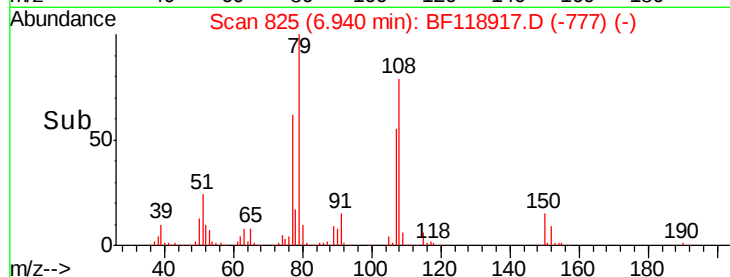
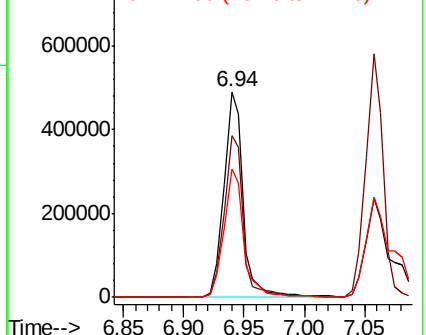
79 100

108 78.5 62.9 94.3

77 62.2 50.0 75.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.650 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

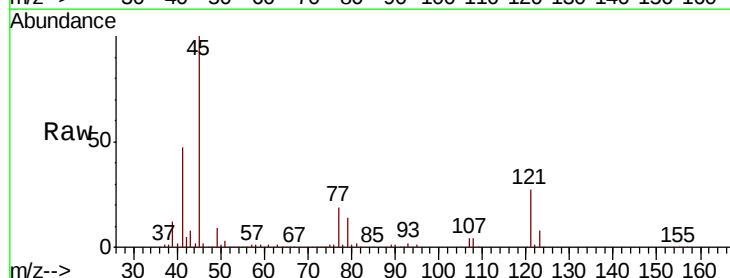
Tgt Ion: 45 Resp: 754090

Ion Ratio Lower Upper

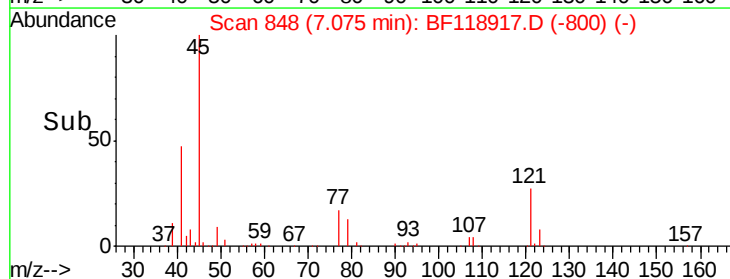
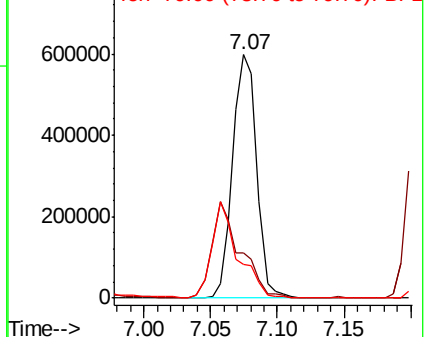
45 100

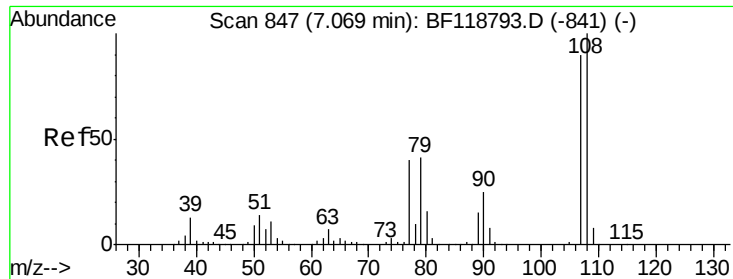
77 18.5 0.0 37.1

79 14.1 0.0 33.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

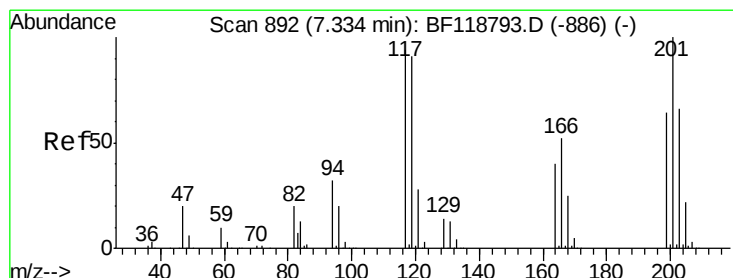
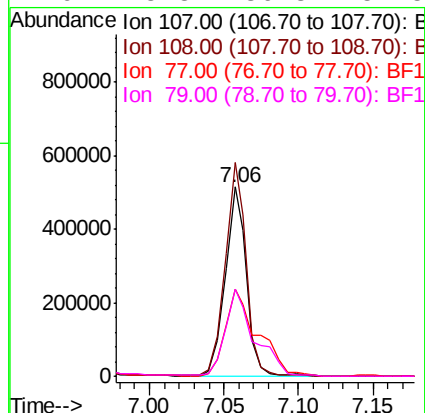
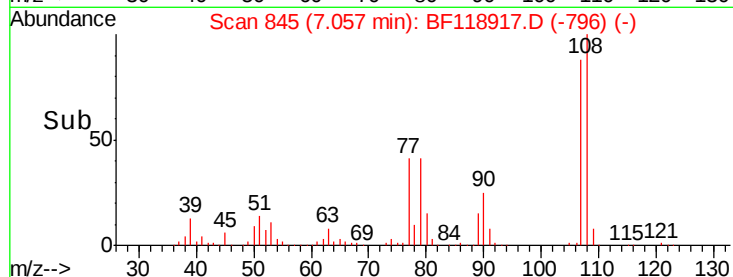
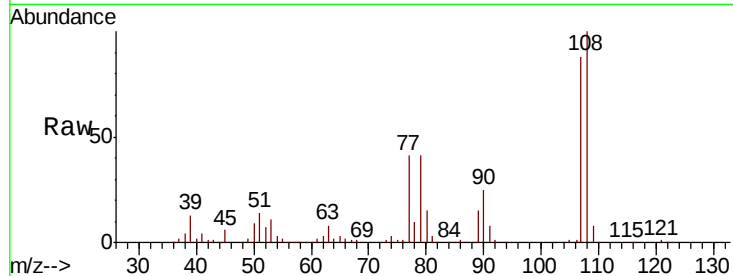




#17
2-Methylphenol
Concen: 41.622 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

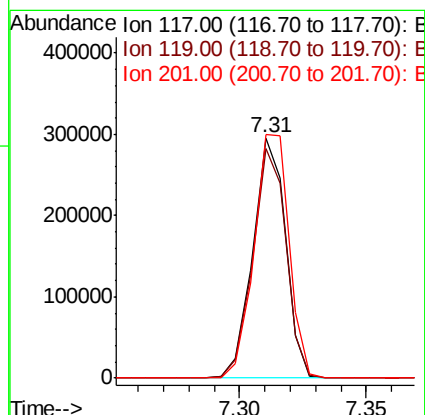
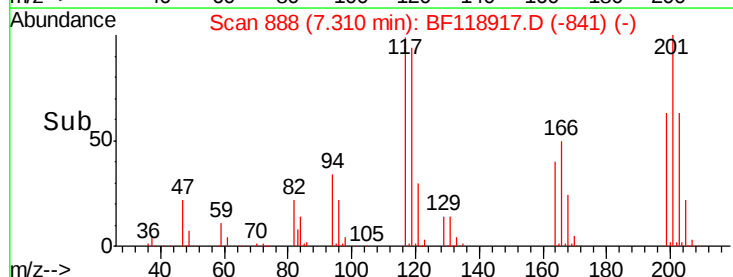
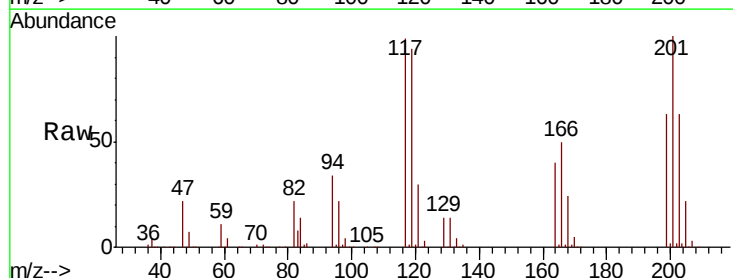
Instrument :
BNA_F
ClientSampleId :

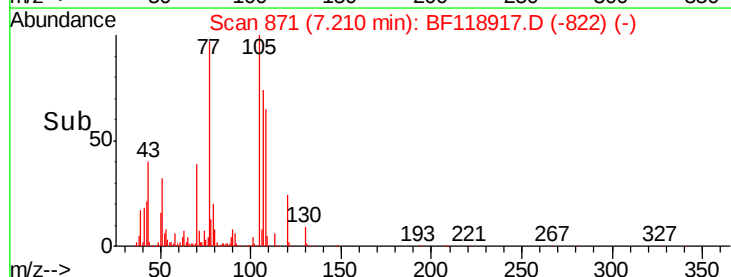
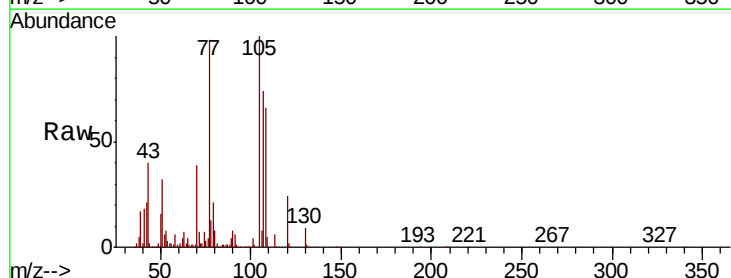
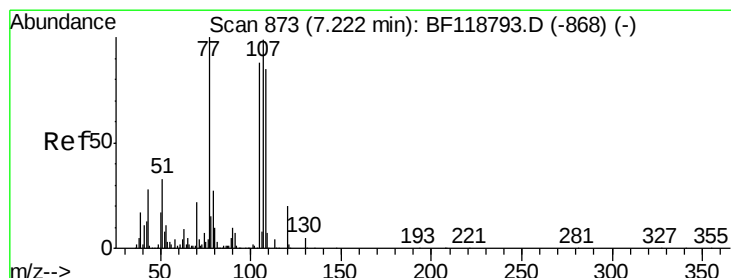
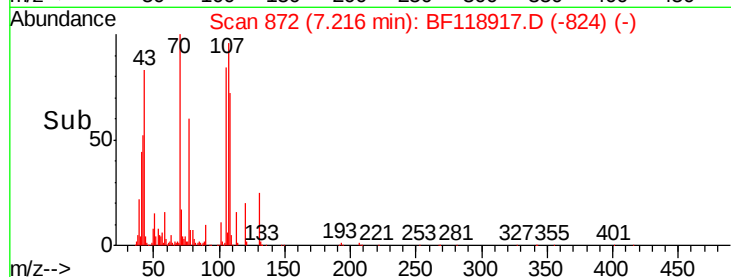
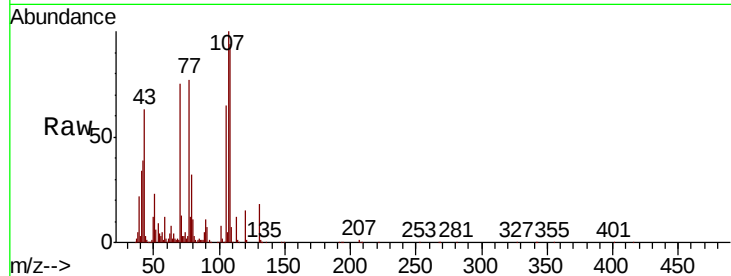
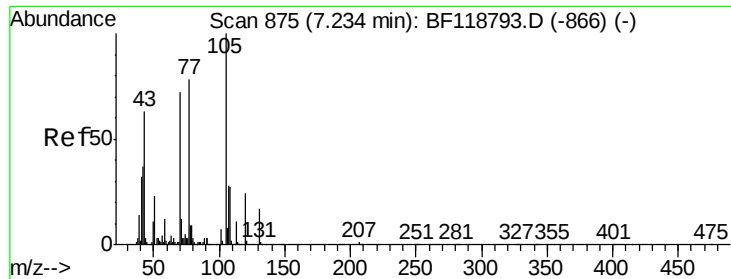
Tot Ion:107 Resp: 514893
Ion Ratio Lower Upper
107 100
108 113.1 89.3 133.9
77 46.3 36.2 54.2
79 45.8 36.3 54.5



#18
Hexachloroethane
Concen: 42.071 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:117 Resp: 266760
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 101.5 85.1 127.7

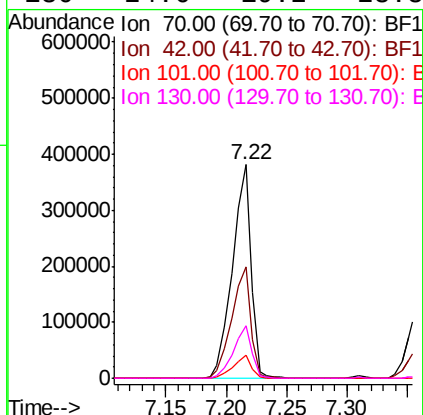




#19
n-Nitroso-di-n-propylamine
Concen: 40.802 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

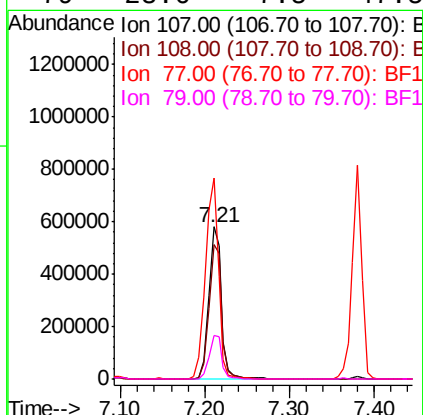
Instrument :
BNA_F
ClientSampled :

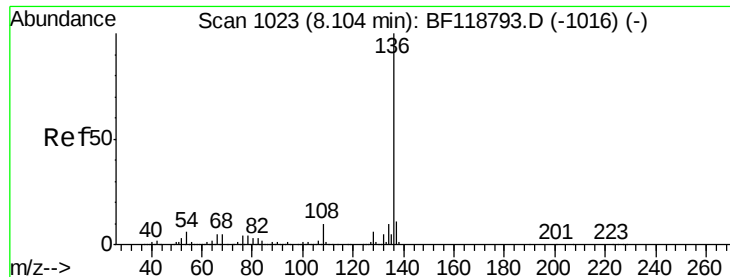
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.5	62.3
101	10.6	8.3	12.5
130	24.6	19.2	28.8



#20
3+4-Methylphenols
Concen: 38.743 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	65.9	105.9
77	132.2	80.9	120.9
79	28.6	7.5	47.5

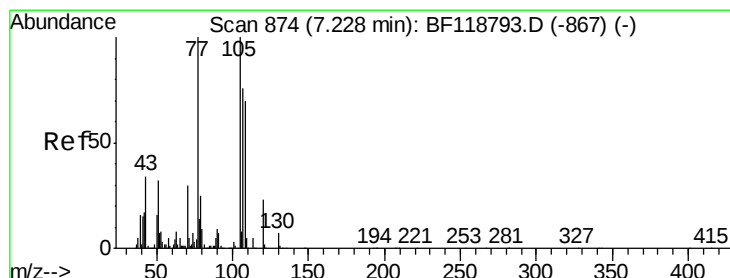
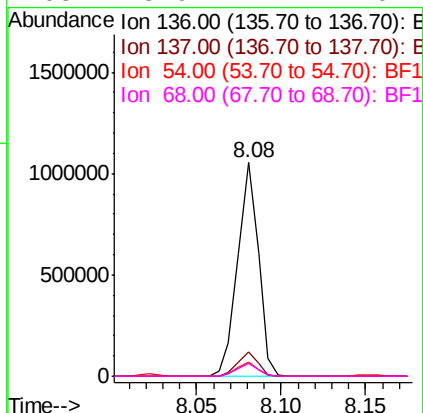
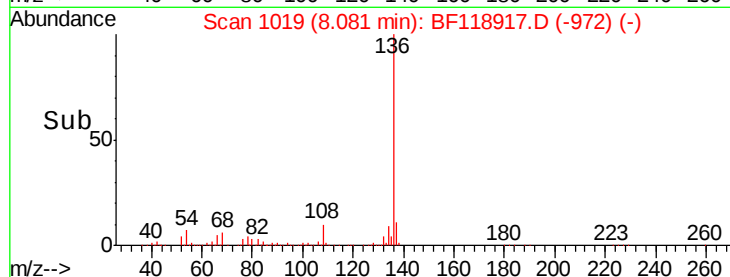
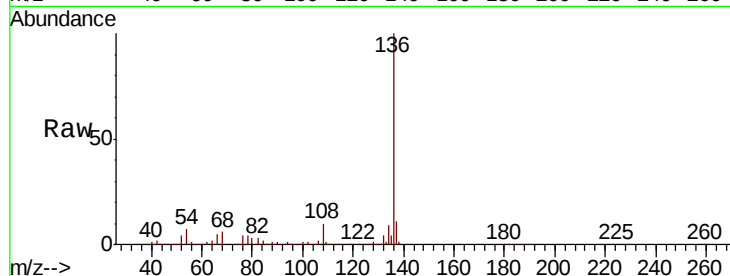




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

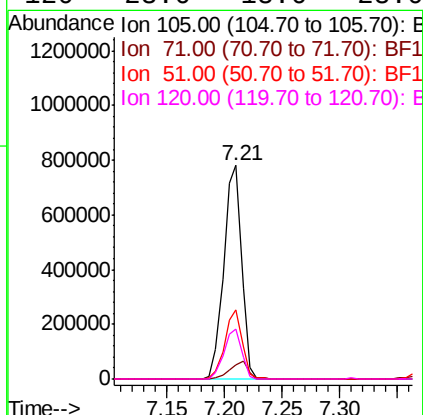
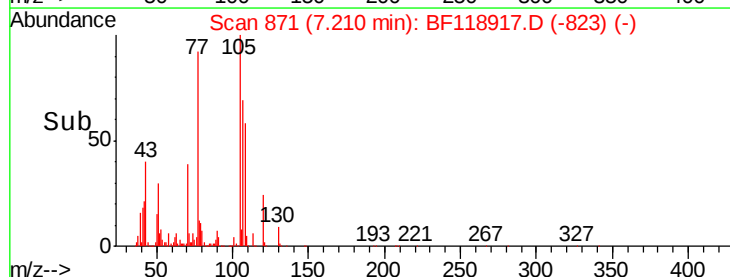
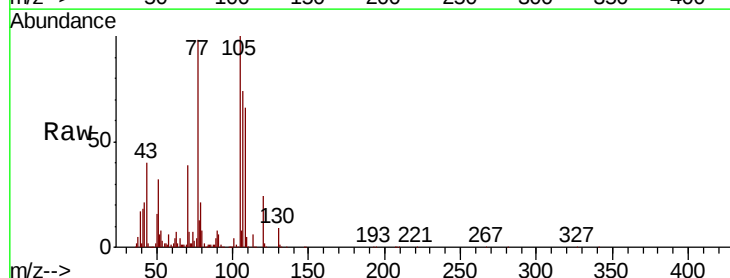
Instrument :
BNA_F
ClientSampleId :

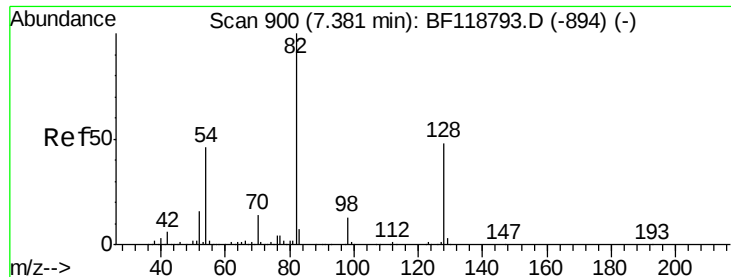
Tot Ion:136	Resp:	899520
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	6.9	5.0 7.6
68	5.9	4.2 6.4



#22
Acetophenone
Concen: 42.930 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:105	Resp:	838999
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.2 6.4#
51	32.4	25.5 38.3
120	23.6	18.6 28.0





#23

Nitrobenzene-d5

Concen: 86.782 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

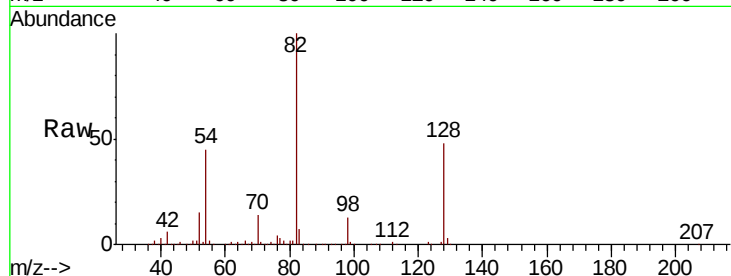
Tot Ion: 82 Resp: 1309652

Ion Ratio Lower Upper

82 100

128 47.6 38.5 57.7

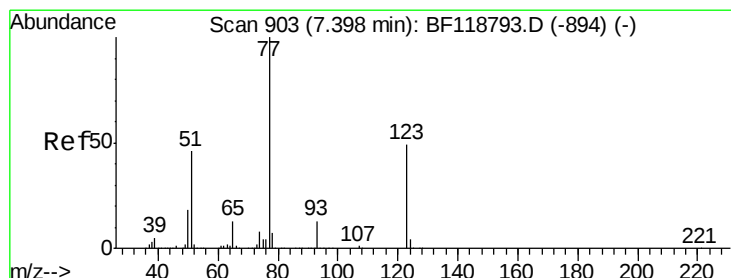
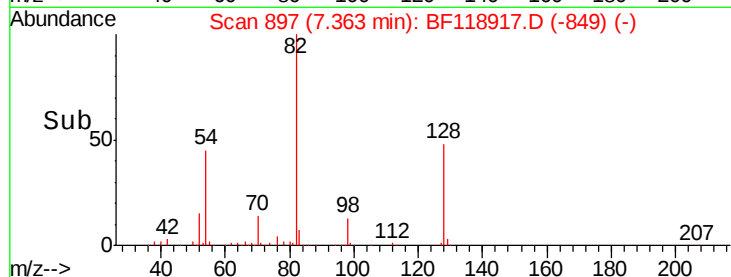
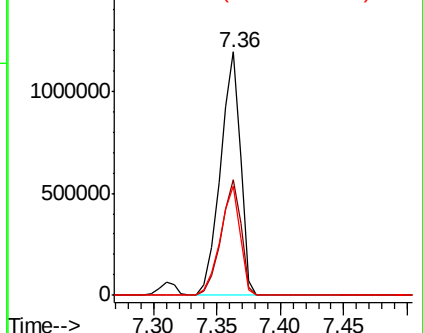
54 44.6 36.7 55.1



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: 43.615 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

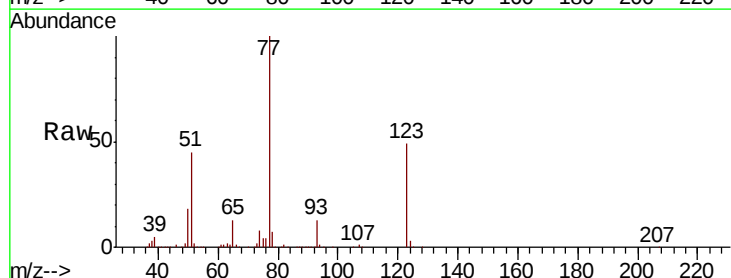
Tgt Ion: 77 Resp: 657544

Ion Ratio Lower Upper

77 100

123 48.6 39.0 58.4

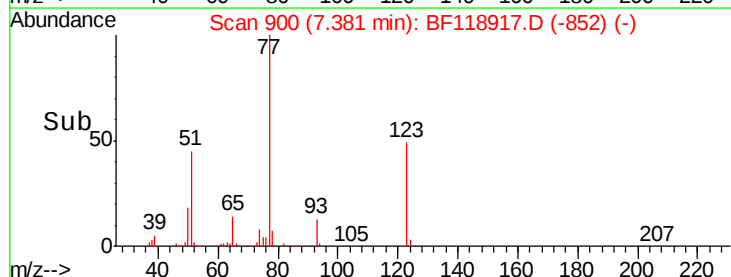
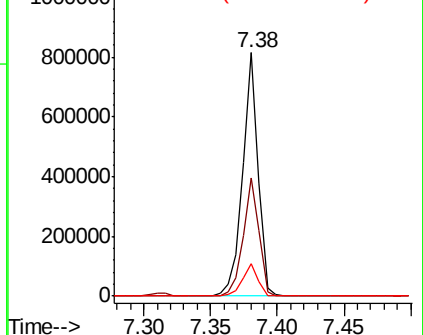
65 13.5 10.6 15.8

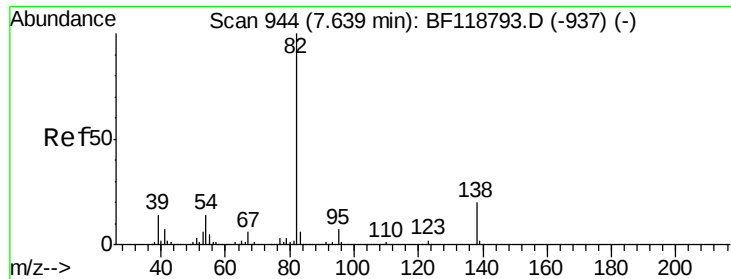


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

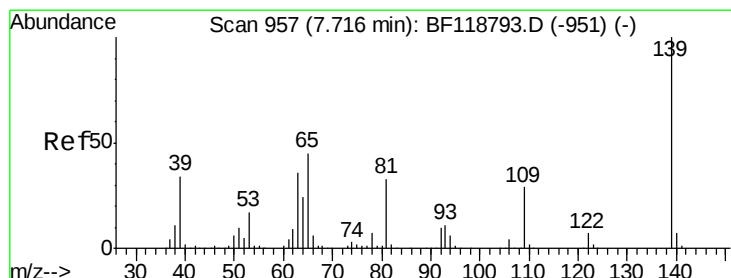
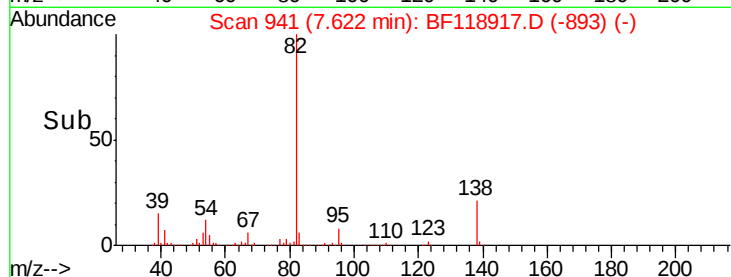
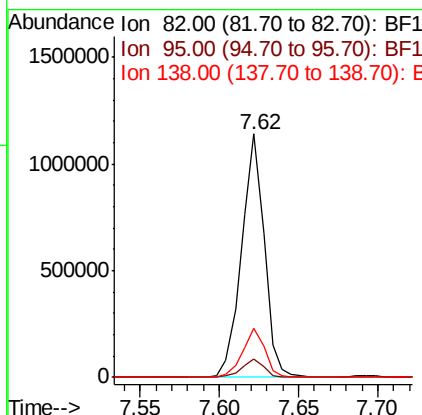
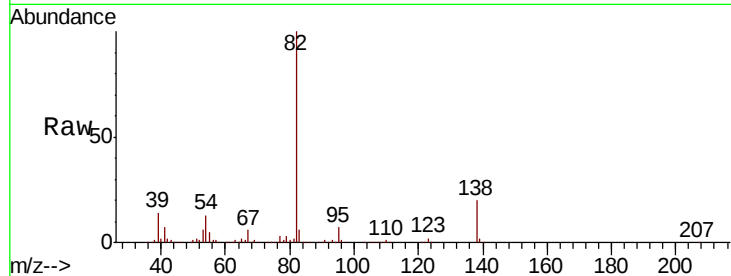




#25
Isophorone
Concen: 41.848 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

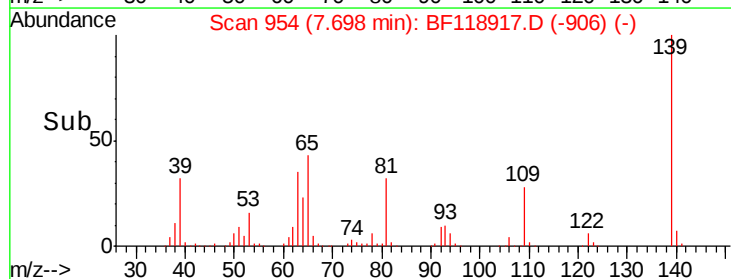
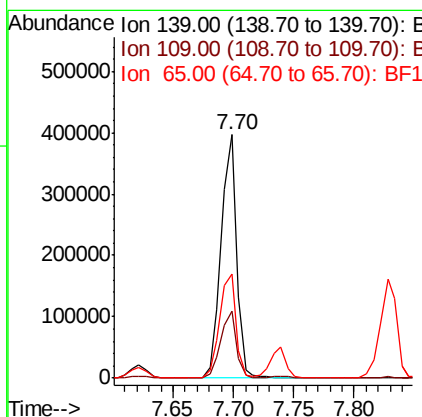
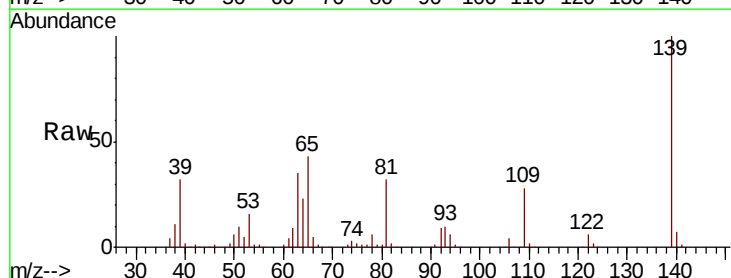
Instrument :
BNA_F
ClientSampleId :

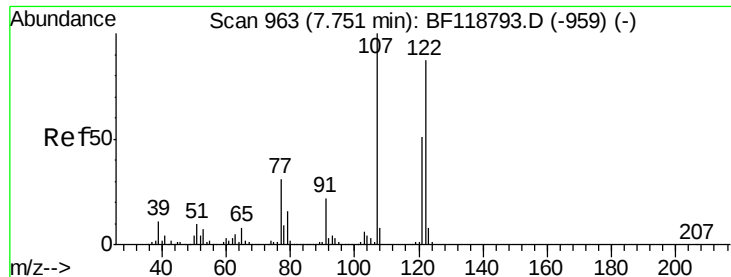
Tot Ion: 82 Resp: 1135009
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.0 15.7 23.5



#26
2-Nitrophenol
Concen: 43.781 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion: 139 Resp: 351718
Ion Ratio Lower Upper
139 100
109 27.6 23.4 35.0
65 42.7 36.2 54.2

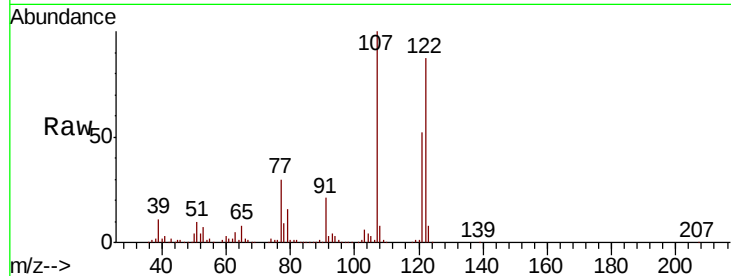




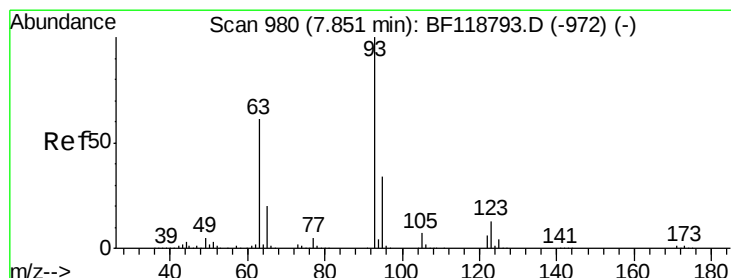
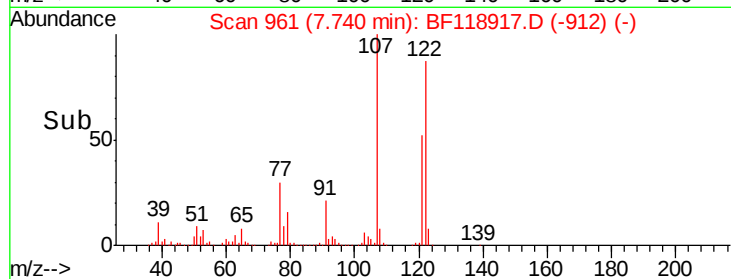
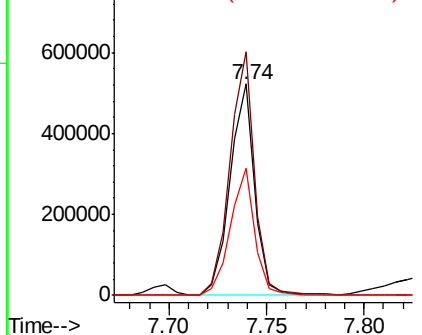
#27
2,4-Dimethylphenol
Concen: 42.023 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.2	138.2
121	60.2	46.8	70.2

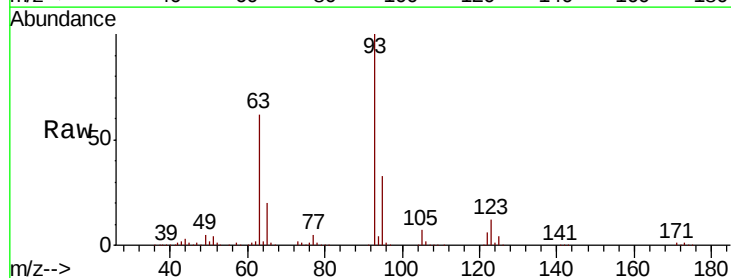


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

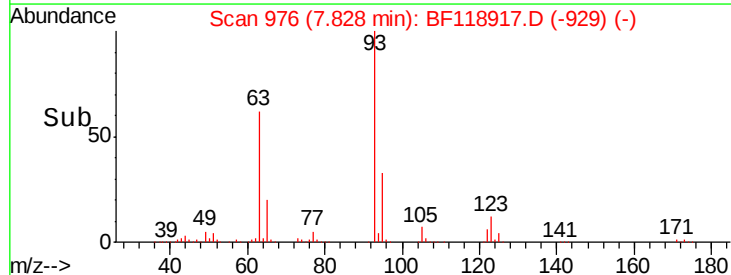
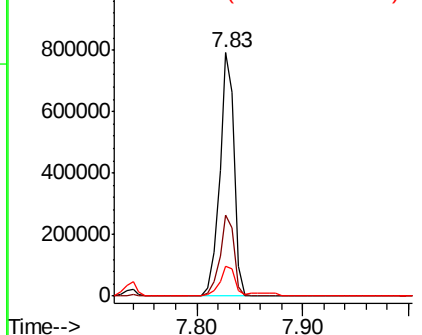


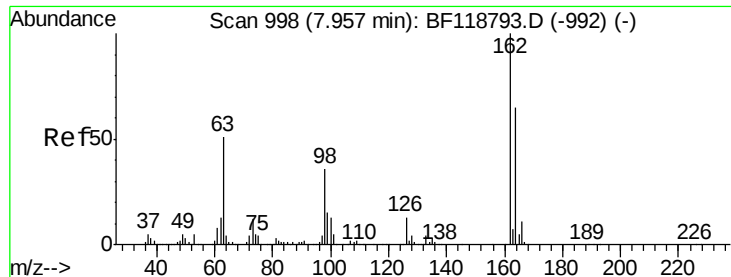
#28
bis(2-Chloroethoxy)methane
Concen: 43.213 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.0	40.4
123	12.3	10.6	15.8



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

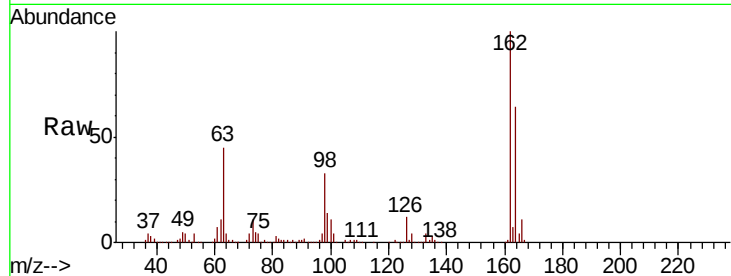




#29
 2,4-Dichlorophenol
 Concen: 42.550 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.8	84.8
98	33.4	16.4	56.4

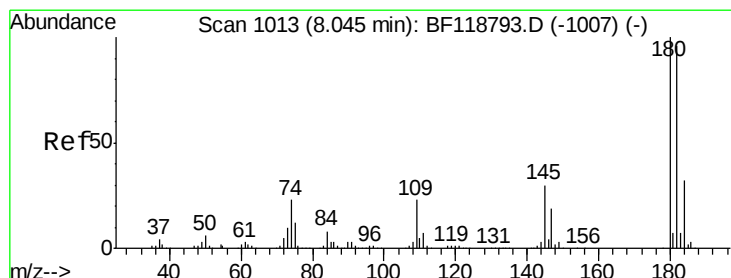
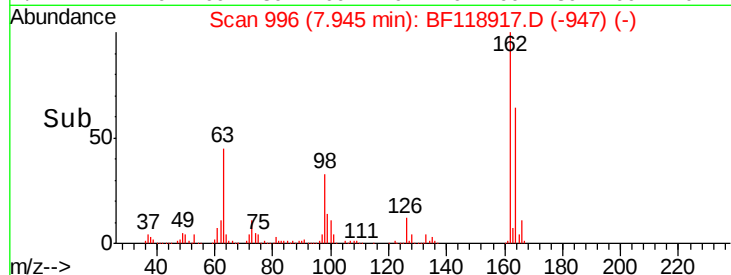
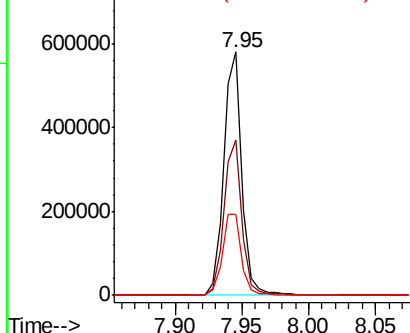


Abundance

Ion 162.00 (161.70 to 162.70): E

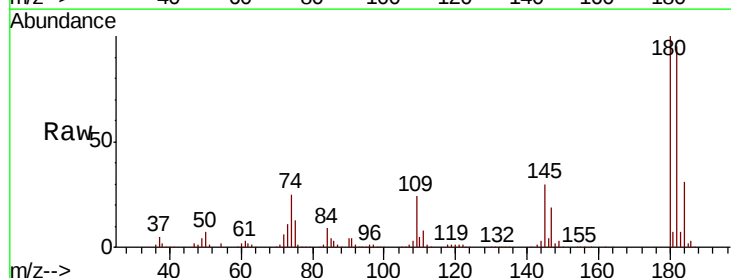
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.208 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.6	115.0
145	29.7	24.0	36.0

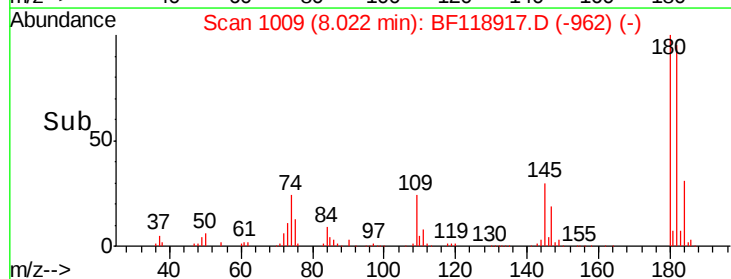
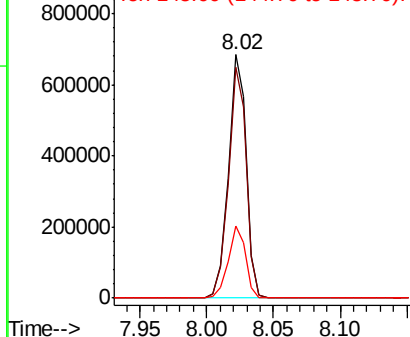


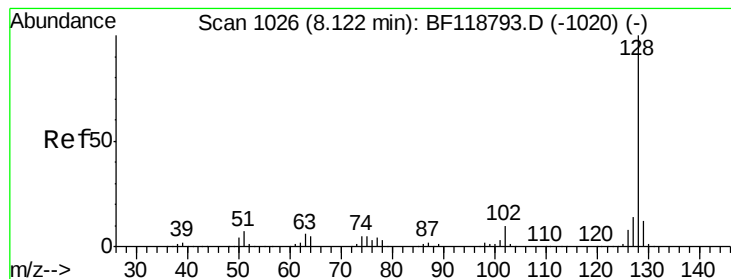
Abundance

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: 43.057 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

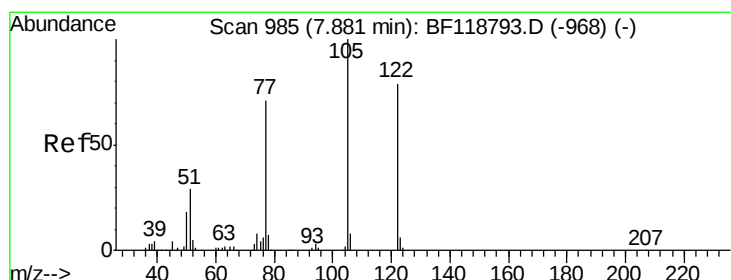
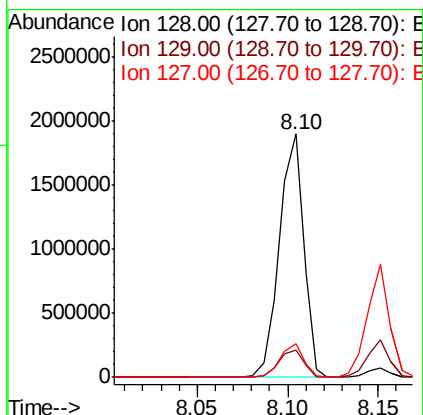
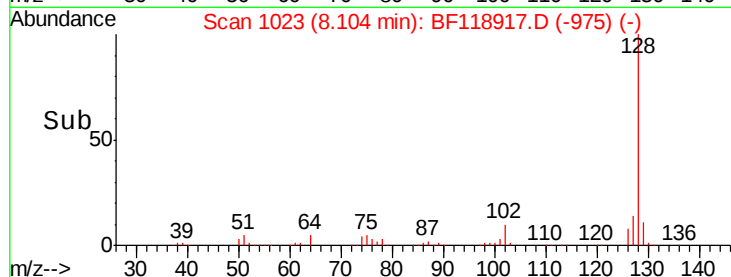
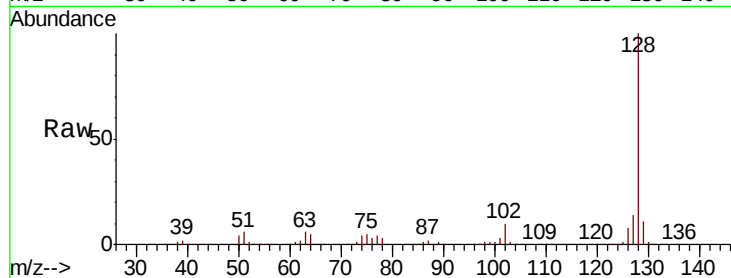
Tot Ion:128 Resp: 1771382

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

127 13.8 11.3 16.9



#32

Benzoic acid

Concen: 40.144 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

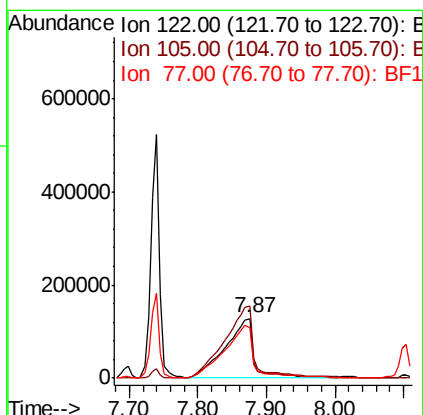
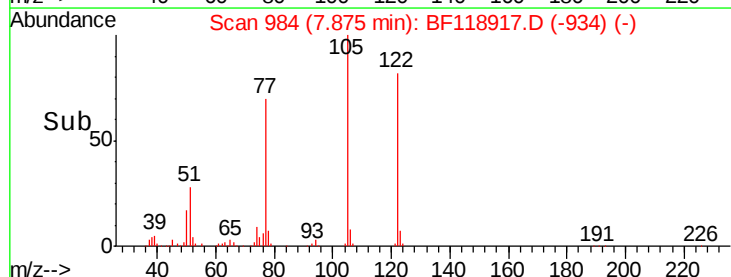
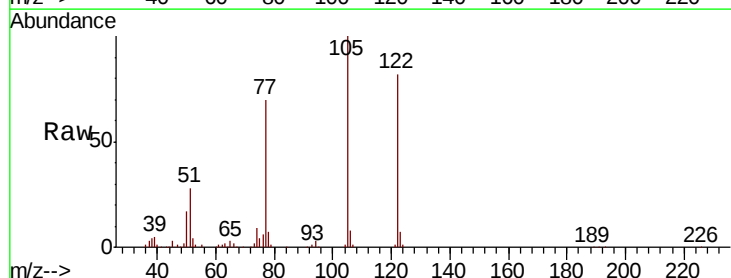
Tgt Ion:122 Resp: 362709

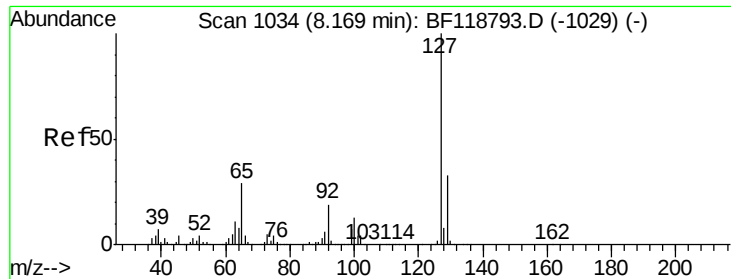
Ion Ratio Lower Upper

122 100

105 121.9 104.4 144.4

77 85.2 69.3 109.3

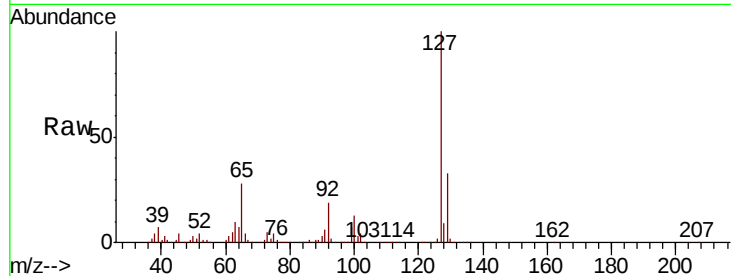




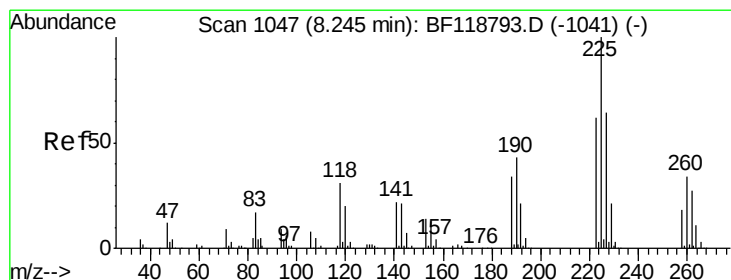
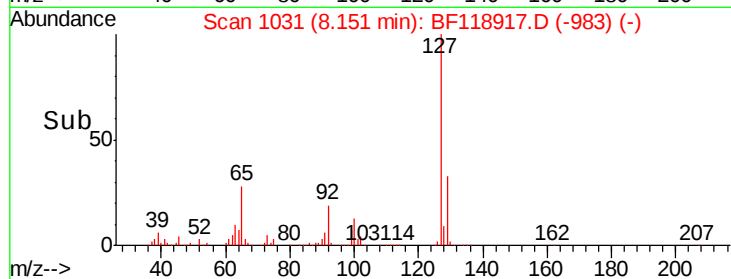
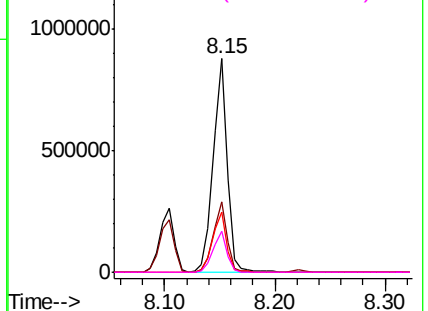
#33
4-Chloroaniline
Concen: 41.430 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	762566
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	28.3	22.9	34.3
92	19.0	15.4	23.0

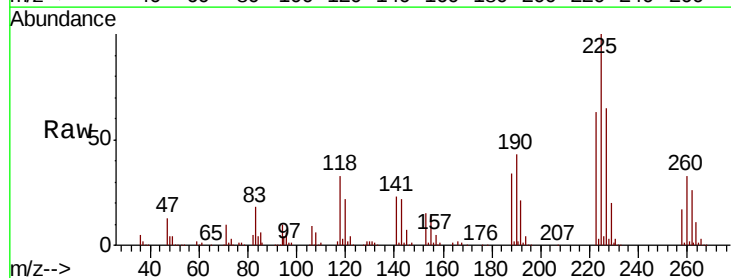


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

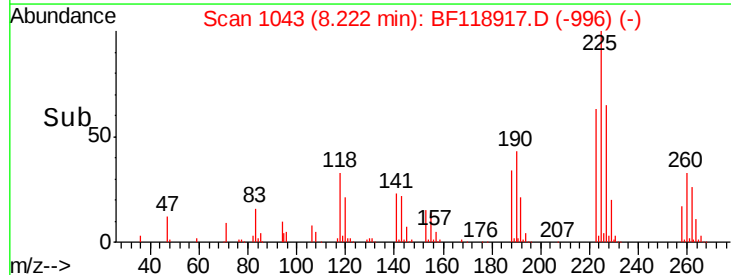
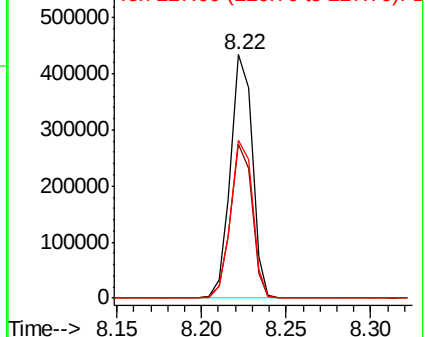


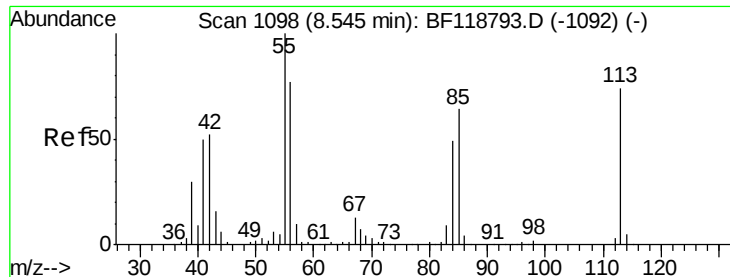
#34
Hexachlorobutadiene
Concen: 41.675 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:	225	Resp:	390021
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	64.8	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

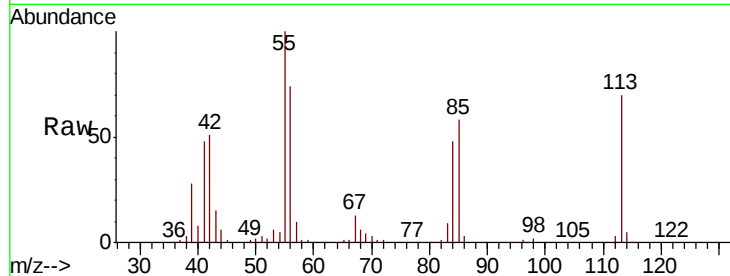




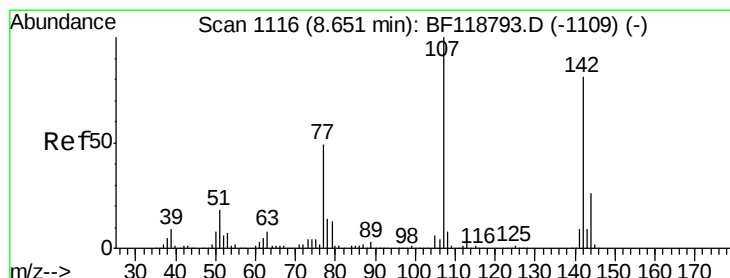
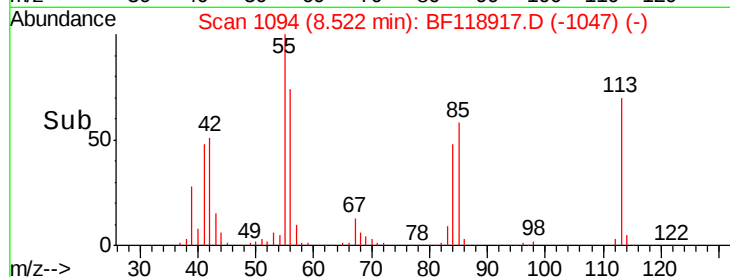
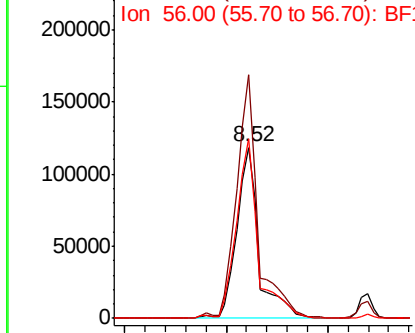
#35
 Caprolactam
 Concen: 41.899 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 177510
 Ion Ratio Lower Upper
 113 100
 55 142.3 115.5 155.5
 56 104.8 83.7 123.7

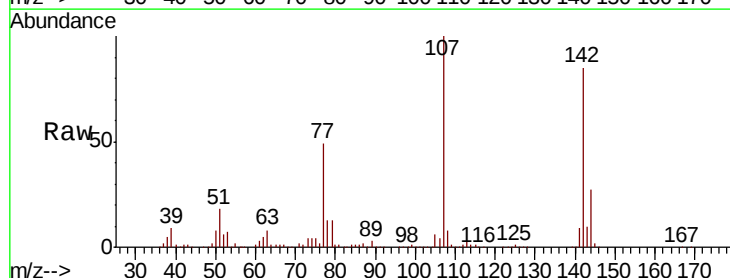


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

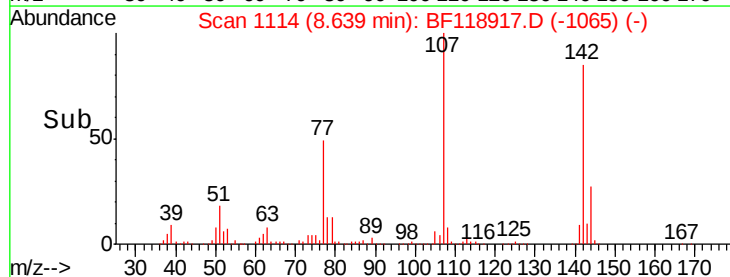
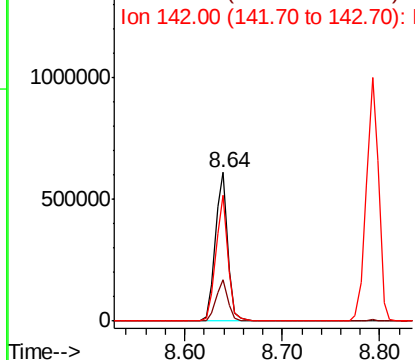


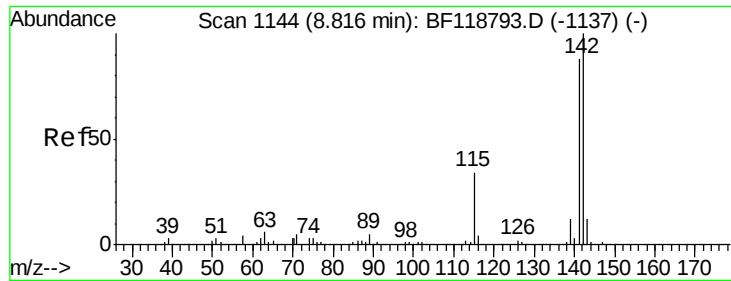
#36
 4-Chloro-3-methylphenol
 Concen: 41.014 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:107 Resp: 539425
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.0 31.6
 142 84.7 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

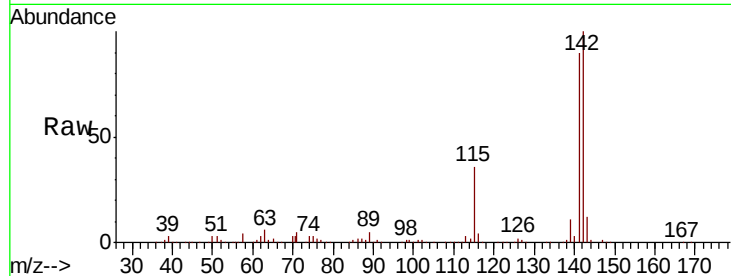




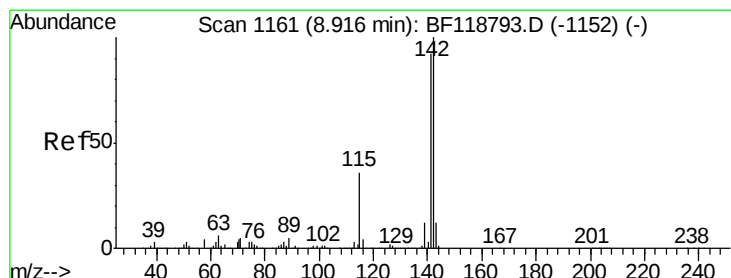
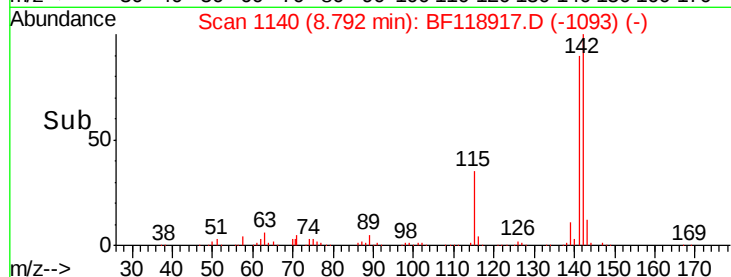
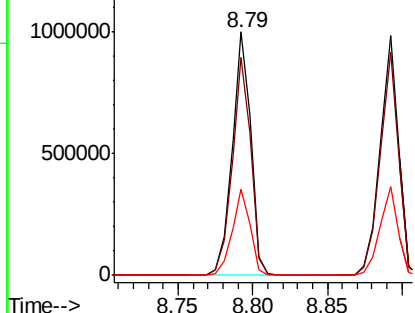
#37
2-Methylnaphthalene
Concen: 30.954 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.1	105.1
115	35.5	27.3	40.9

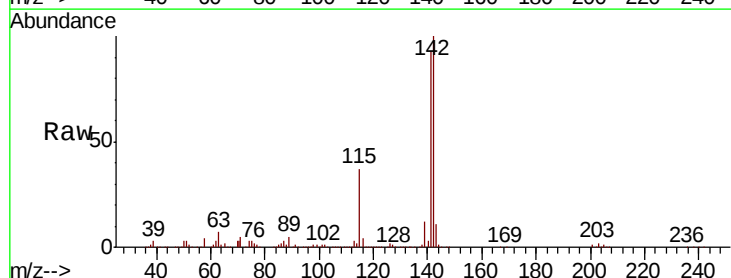


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

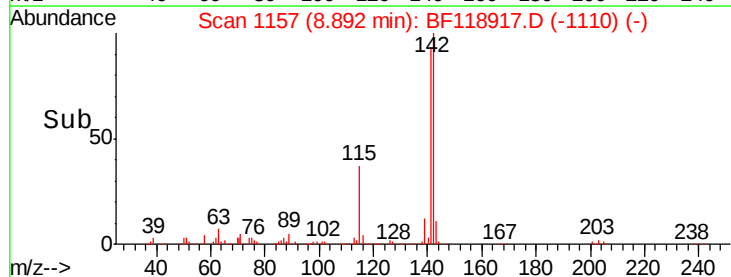
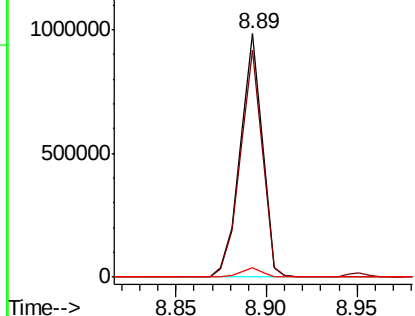


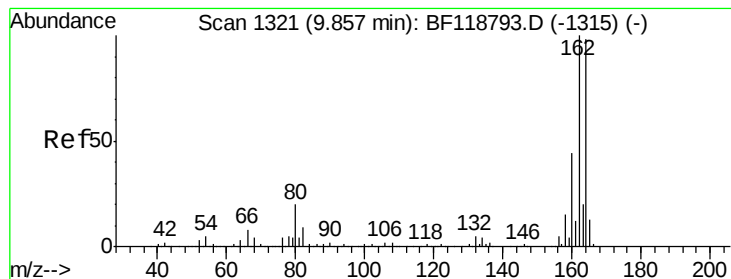
#38
1-Methylnaphthalene
Concen: 30.887 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.6
116	3.7	3.0	4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

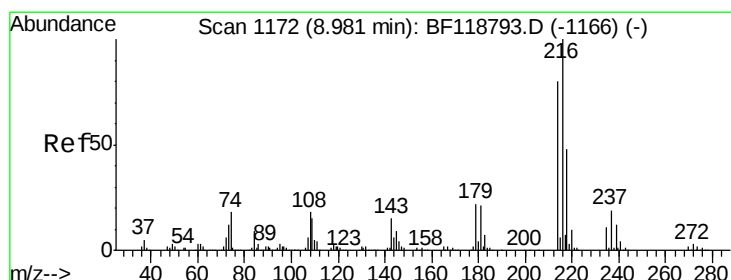
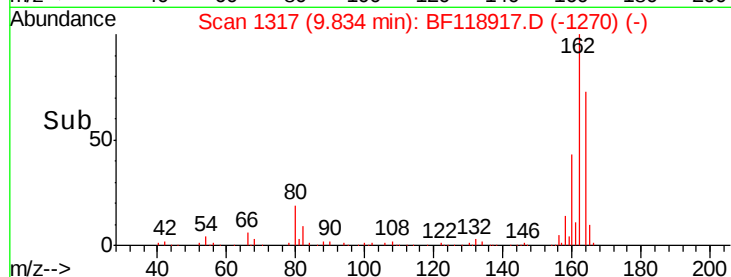
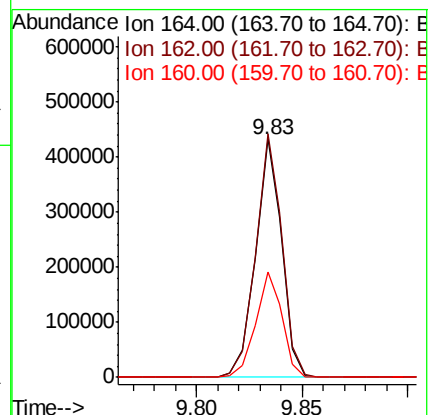
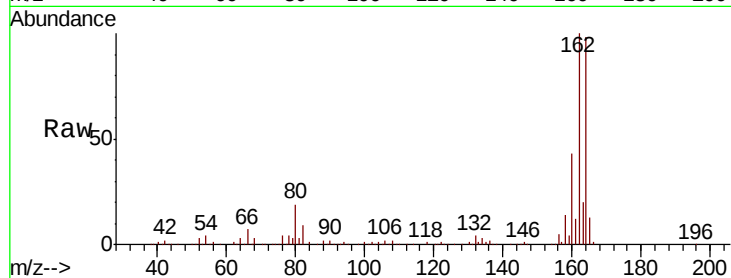
Tot Ion:164 Resp: 371667

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.2

160 44.1 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.028 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Tgt Ion:216 Resp: 482654

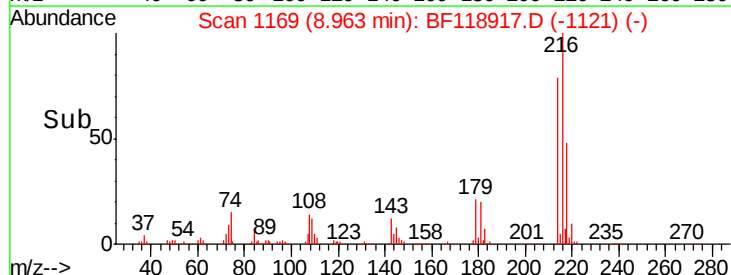
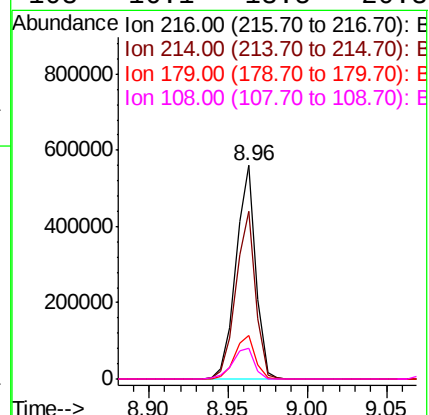
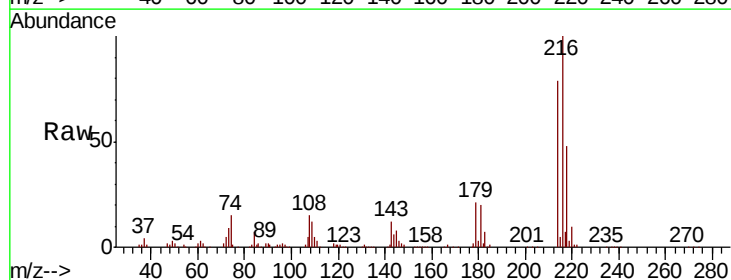
Ion Ratio Lower Upper

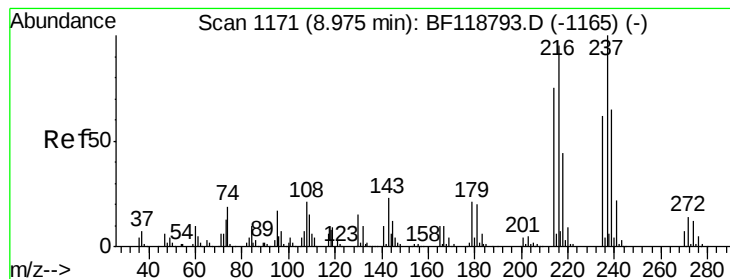
216 100

214 78.2 63.0 94.4

179 21.1 17.0 25.6

108 16.1 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 25.673 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

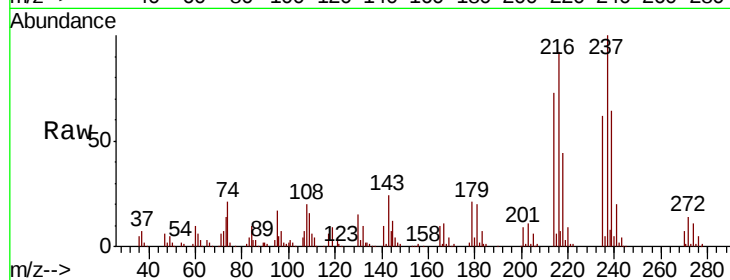
Tot Ion:237 Resp: 112923

Ion Ratio Lower Upper

237 100

235 62.3 42.1 82.1

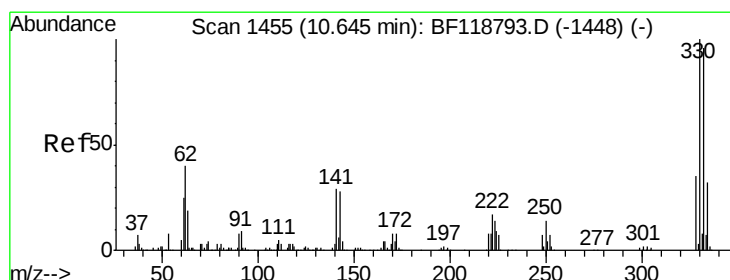
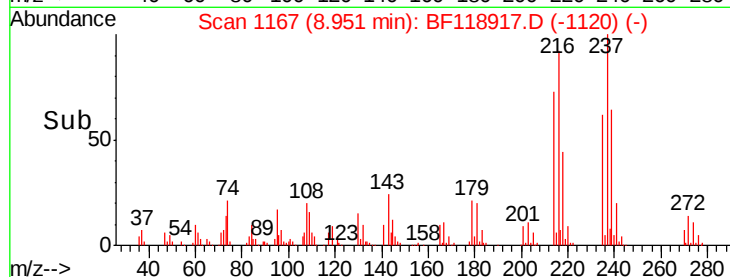
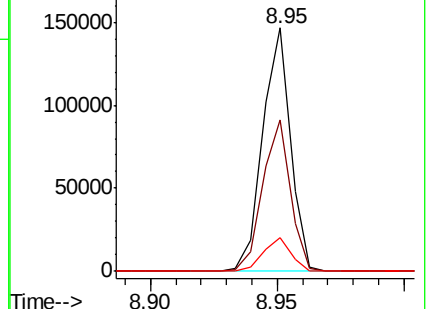
272 14.0 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.602 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

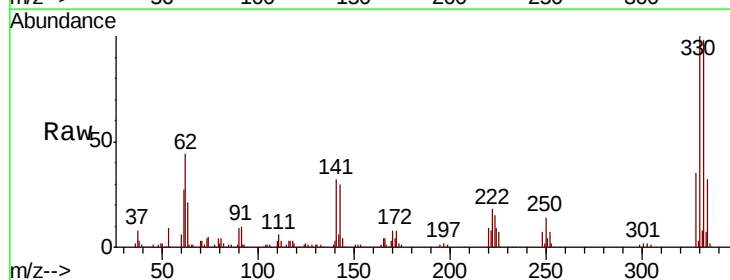
Tgt Ion:330 Resp: 376234

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

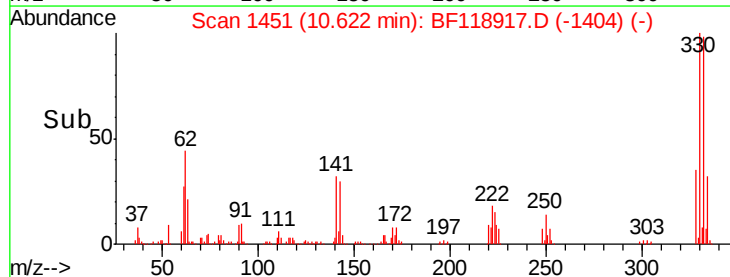
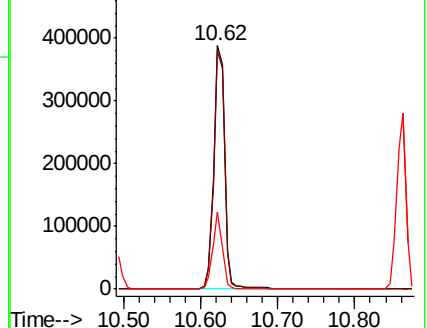
141 28.2 22.4 33.6

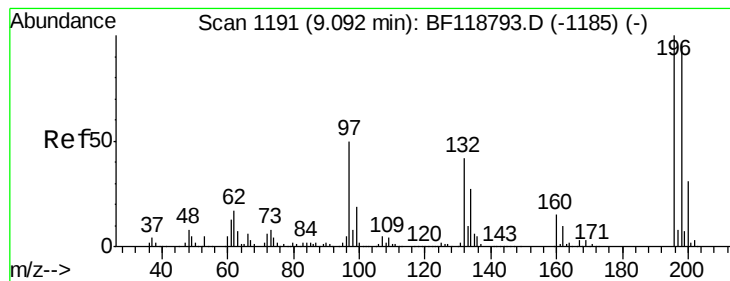


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

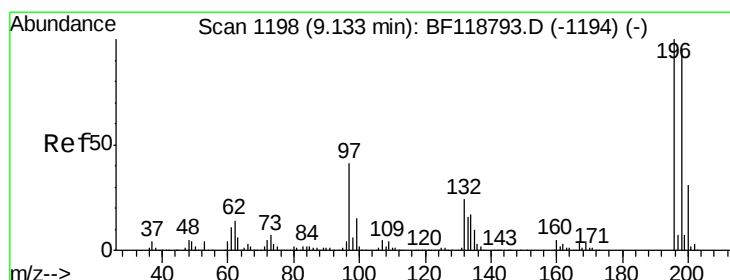
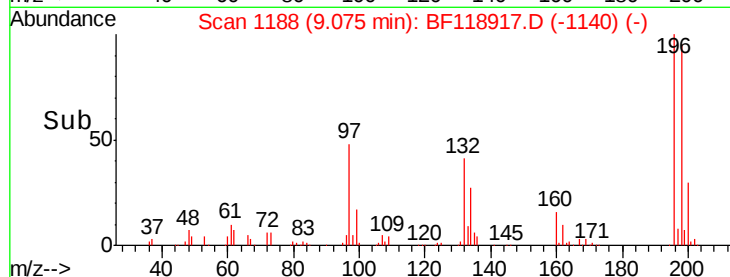
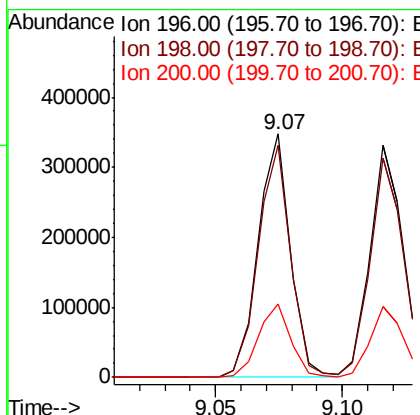
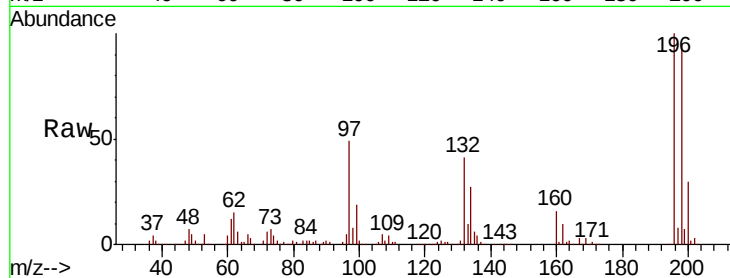




#43
 2,4,6-Trichlorophenol
 Concen: 41.015 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

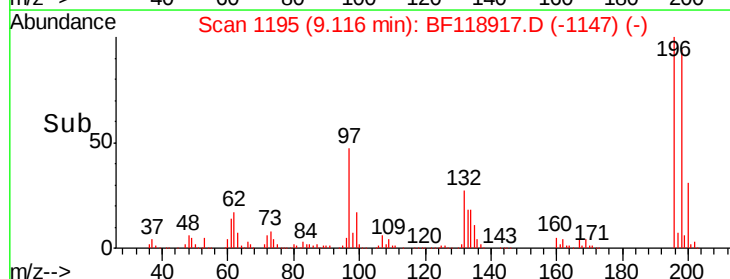
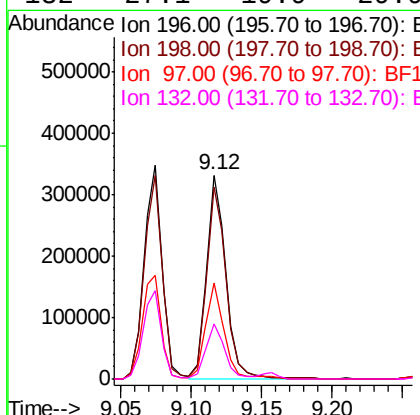
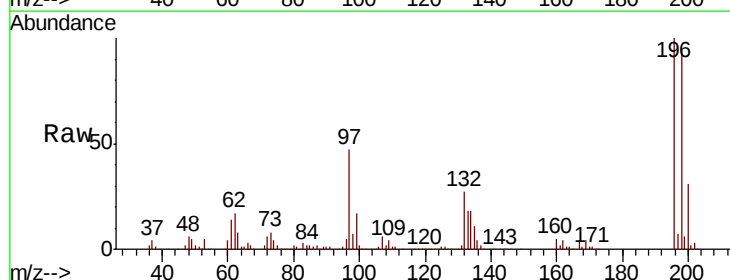
Instrument :
 BNA_F
 ClientSampled :

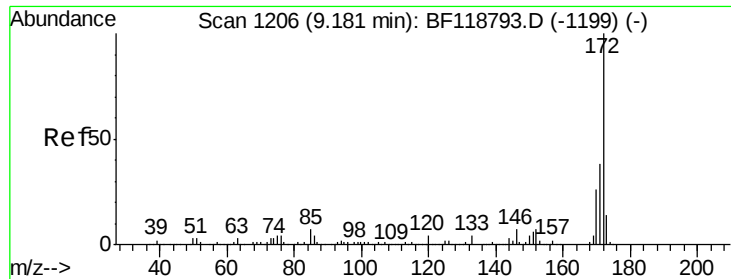
Tot Ion:196 Resp: 307653
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.7 115.1
 200 30.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.774 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:196 Resp: 312507
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.0 115.4
 97 46.9 32.9 49.3
 132 27.1 19.9 29.9

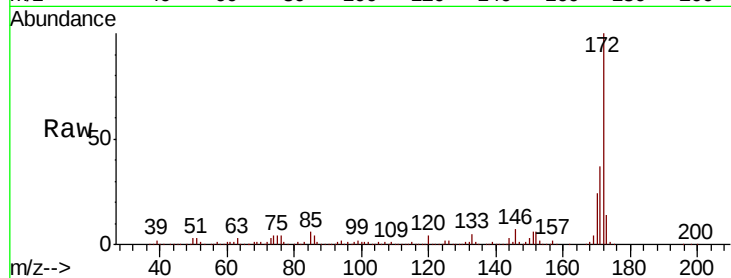




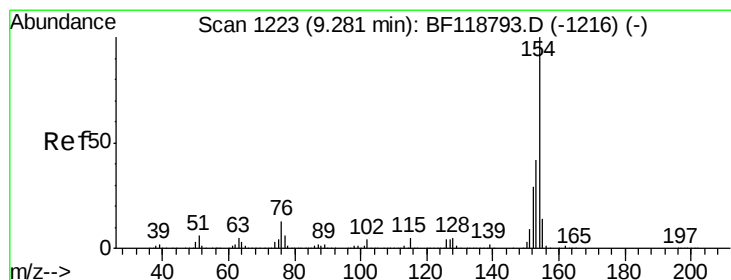
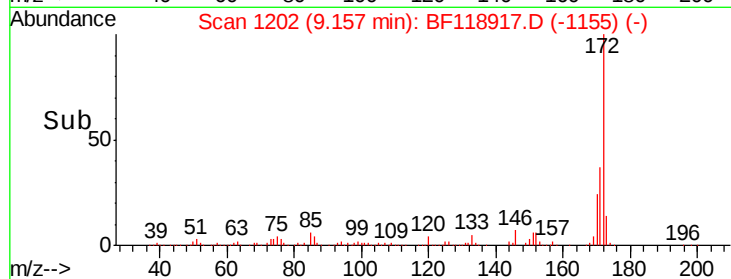
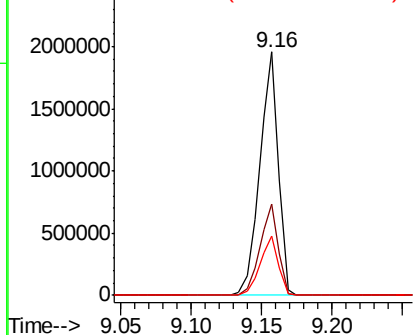
#45
 2-Fluorobiphenyl
 Concen: 87.789 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1825159
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 24.5 20.5 30.7

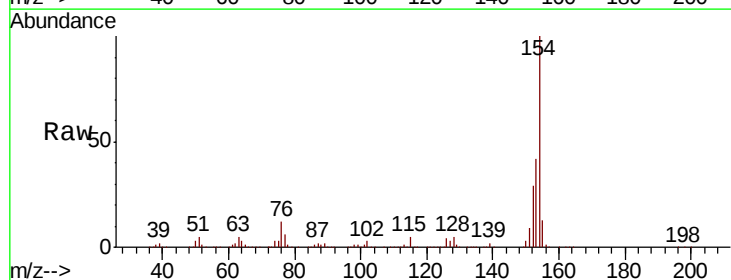


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

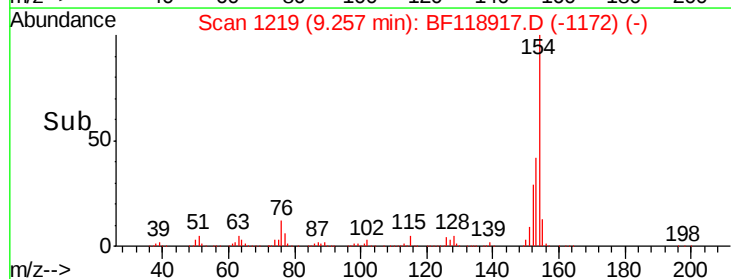
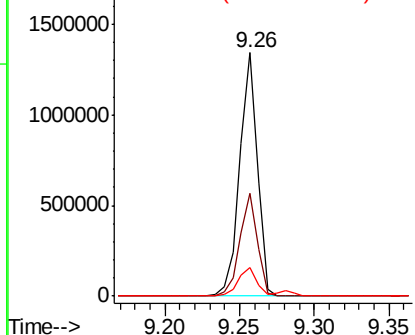


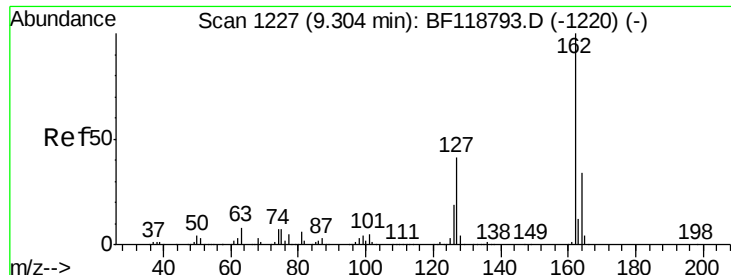
#46
 1,1'-Biphenyl
 Concen: 43.202 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:154 Resp: 1110722
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.4 62.4
 76 12.0 0.0 32.7



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

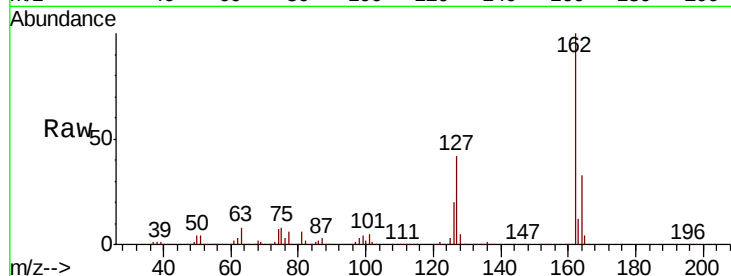




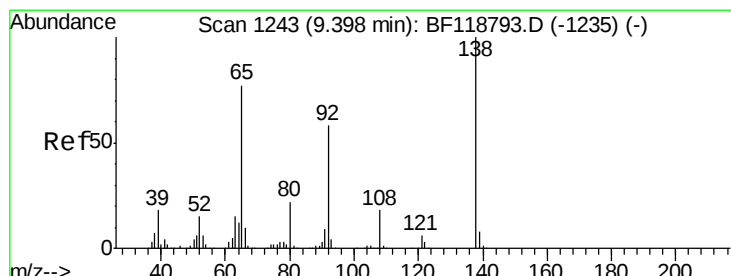
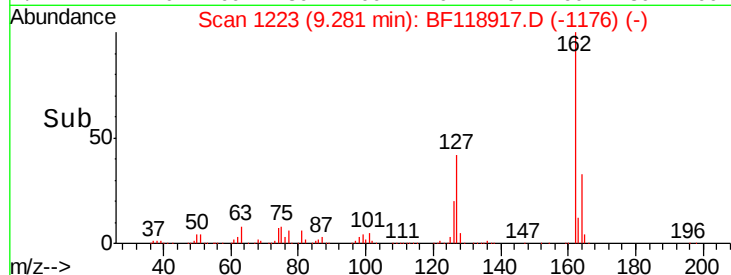
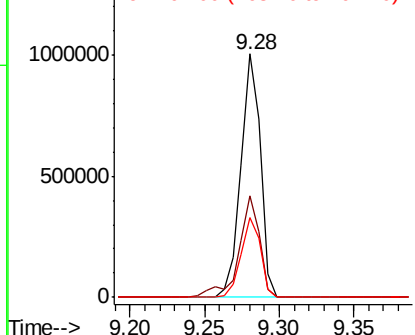
#47
 2-Chloronaphthalene
 Concen: 42.802 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	914820
Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.3	49.9
164	32.7	27.1	40.7

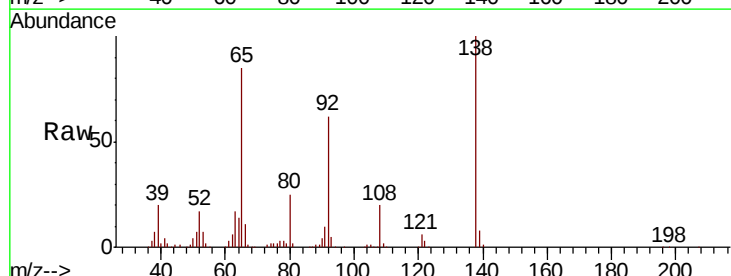


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

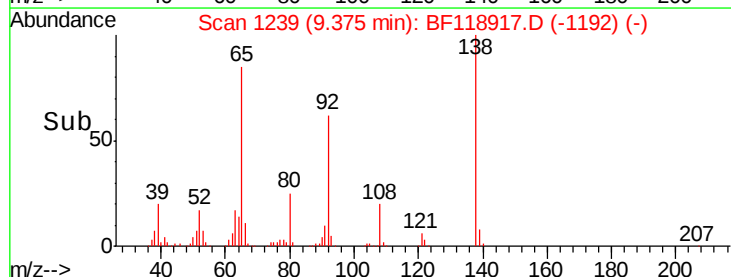
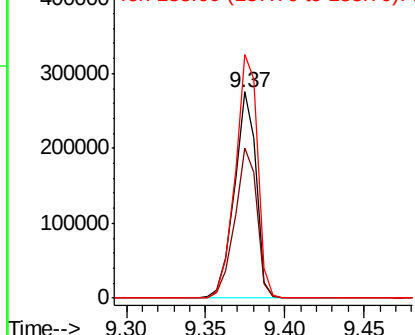


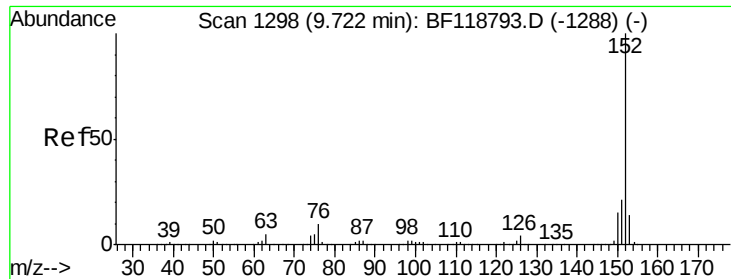
#48
 2-Nitroaniline
 Concen: 42.405 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:	65	Resp:	261407
Ion	Ratio	Lower	Upper
65	100		
92	72.9	60.6	91.0
138	118.1	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: 43.413 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

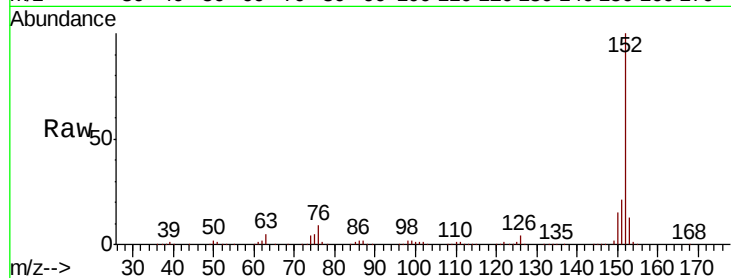
Tot Ion:152 Resp: 1339756

Ion Ratio Lower Upper

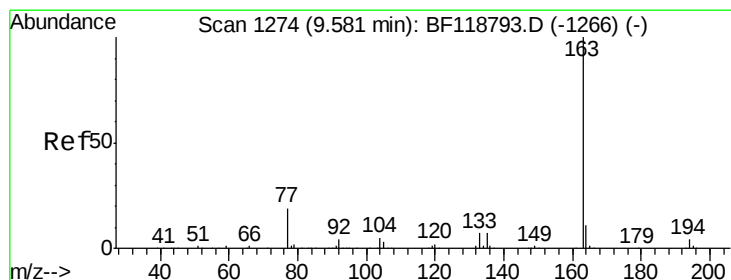
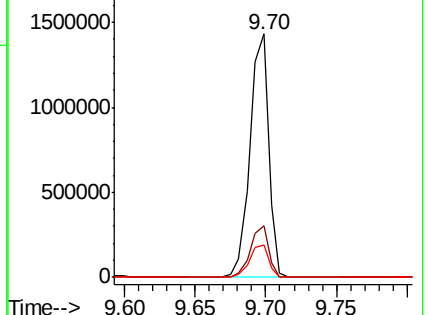
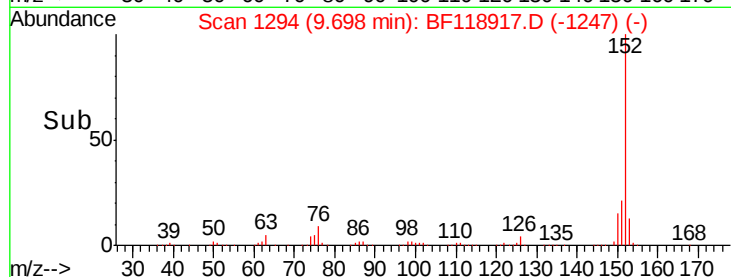
152 100

151 21.0 17.1 25.7

153 13.4 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: 43.085 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

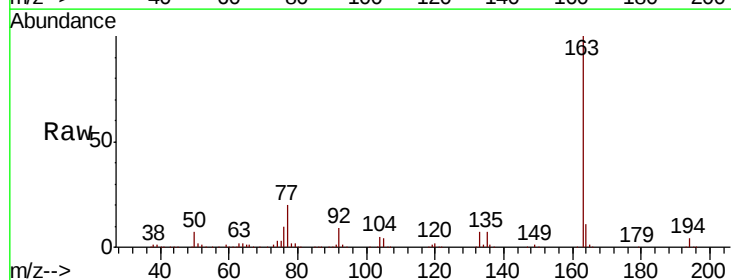
Tgt Ion:163 Resp: 1090342

Ion Ratio Lower Upper

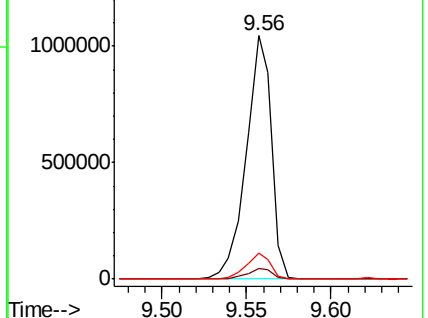
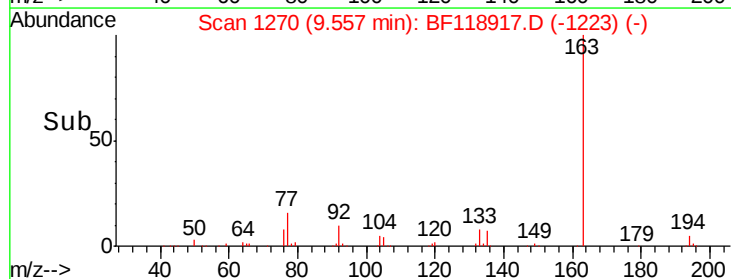
163 100

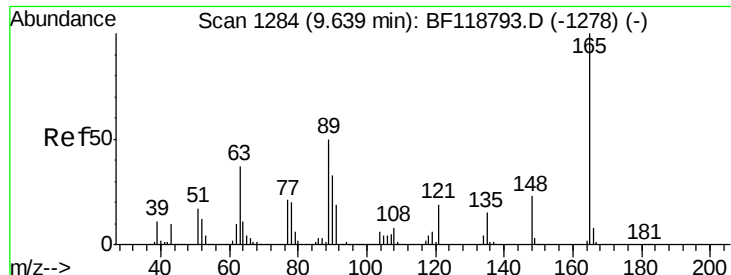
194 4.2 3.6 5.4

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

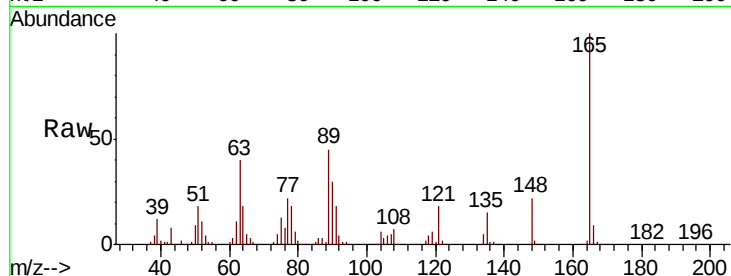




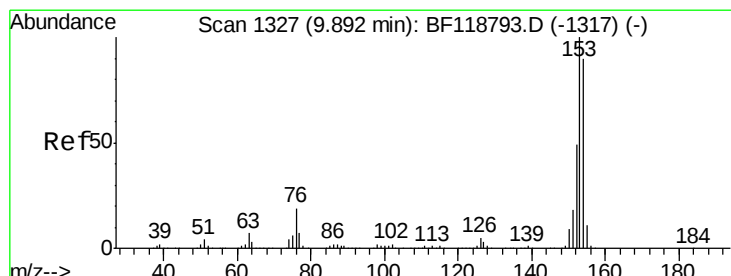
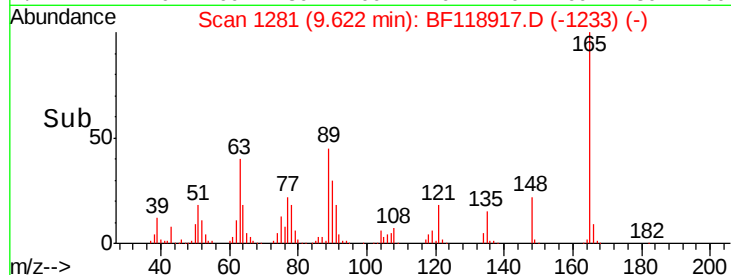
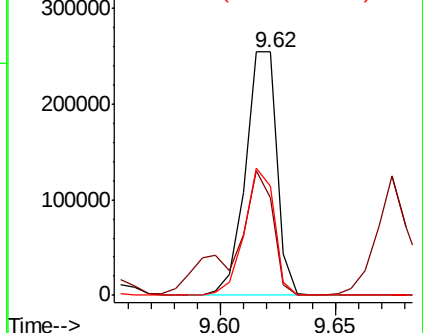
#51
 2,6-Dinitrotoluene
 Concen: 41.979 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 243079
 Ion Ratio Lower Upper
 165 100
 63 40.0 37.4 56.0
 89 44.9 39.7 59.5

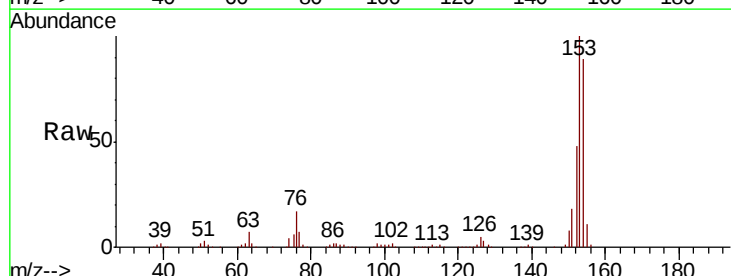


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

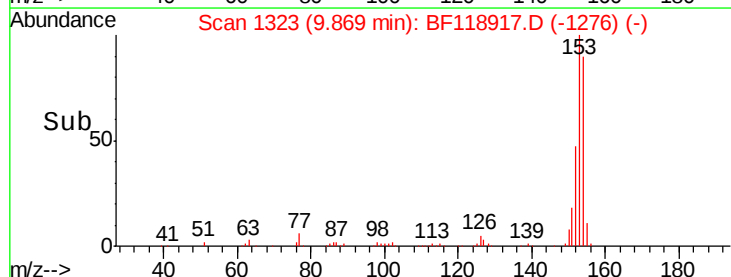
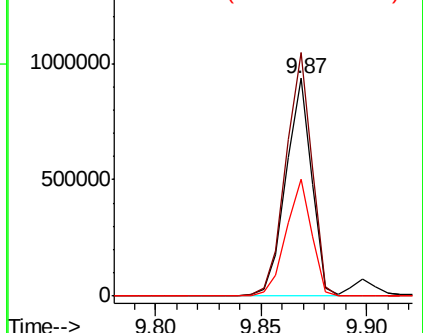


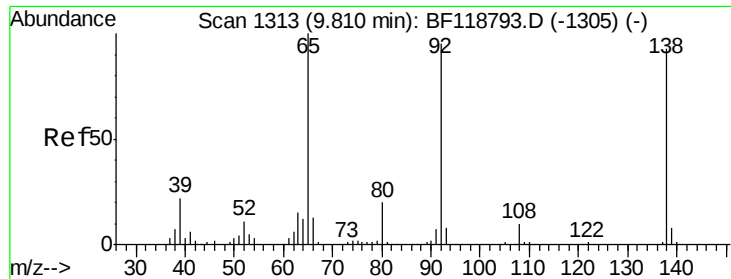
#52
 Acenaphthene
 Concen: 39.363 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:154 Resp: 800470
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.4 134.0
 152 53.7 43.6 65.4



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

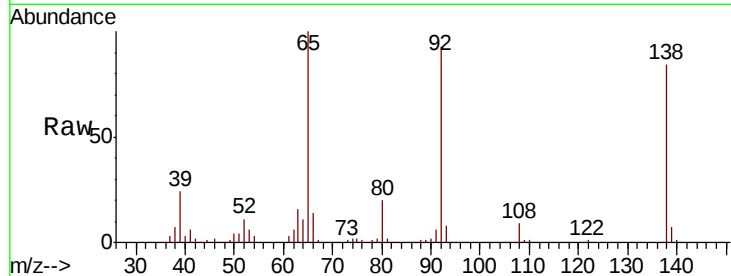




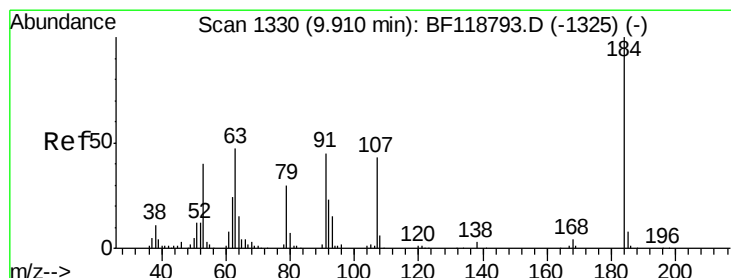
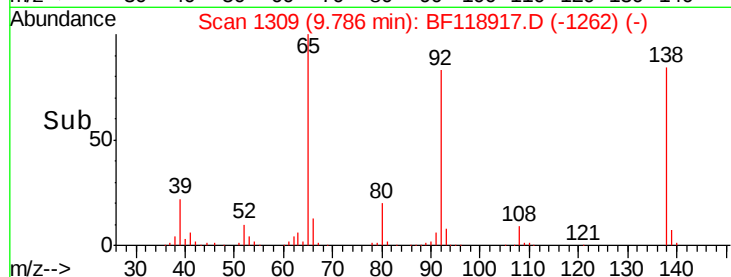
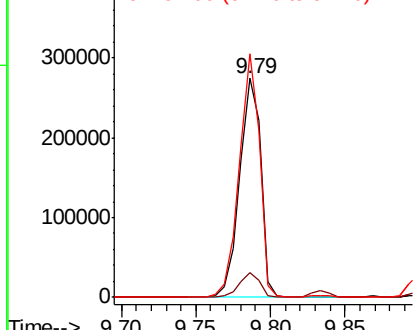
#53
3-Nitroaniline
Concen: 42.326 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 271809
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 111.2 82.2 123.4

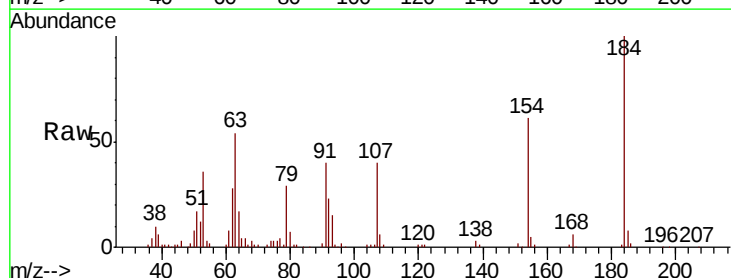


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

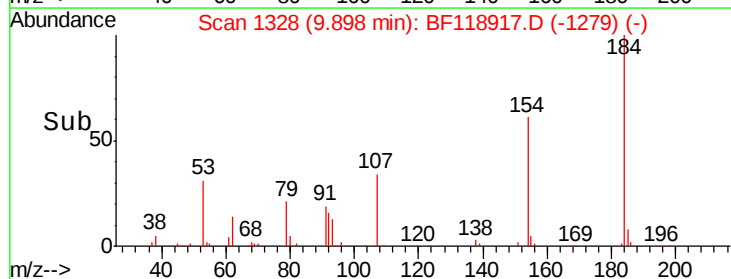
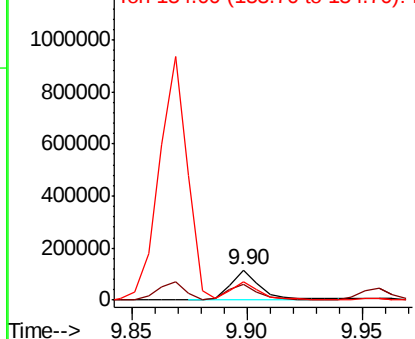


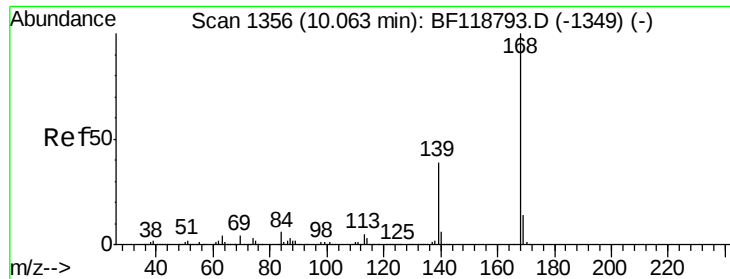
#54
2,4-Dinitrophenol
Concen: 38.358 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:184 Resp: 106777
Ion Ratio Lower Upper
184 100
63 54.2 47.5 71.3
154 61.5 48.6 72.8



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

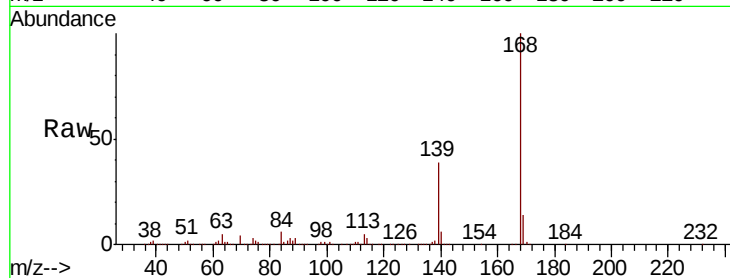




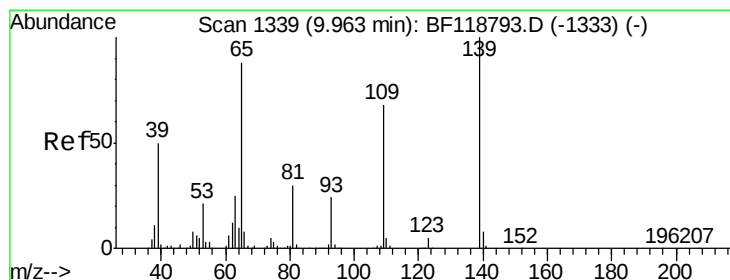
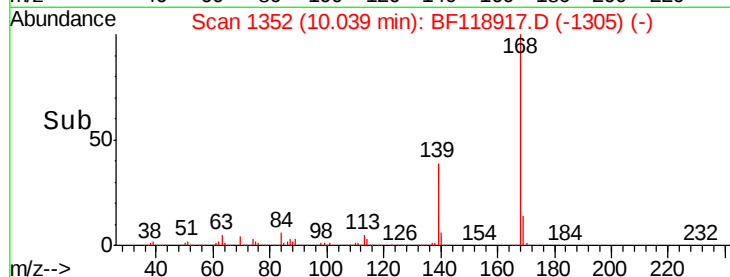
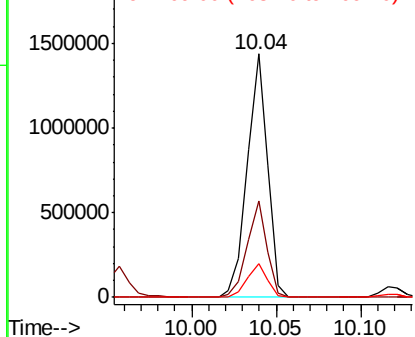
#55
Dibenzofuran
Concen: 41.344 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1215052
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 14.0 11.4 17.2

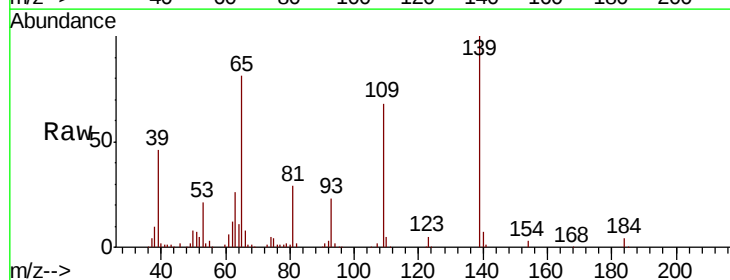


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

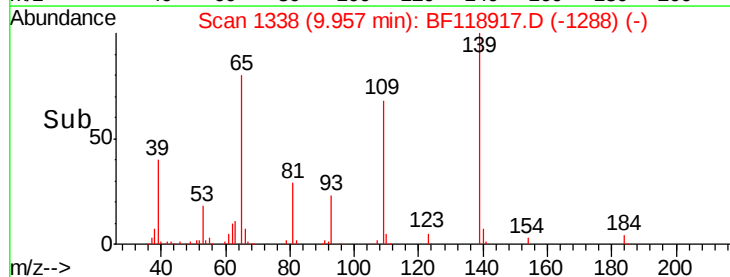
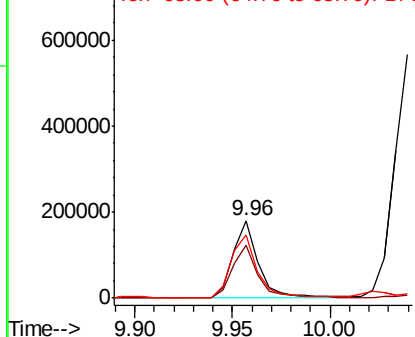


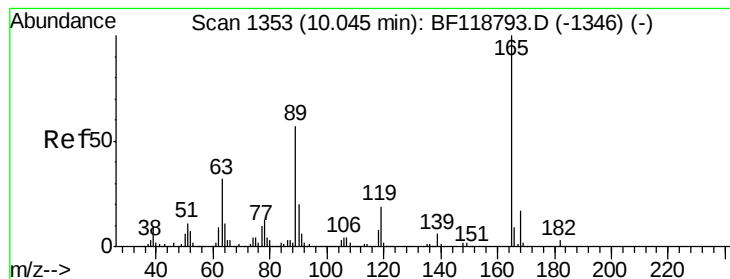
#56
4-Nitrophenol
Concen: 35.396 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:139 Resp: 164511
Ion Ratio Lower Upper
139 100
109 68.3 48.0 88.0
65 81.0 68.3 108.3



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





#57

2,4-Dinitrotoluene

Concen: 43.055 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 329929

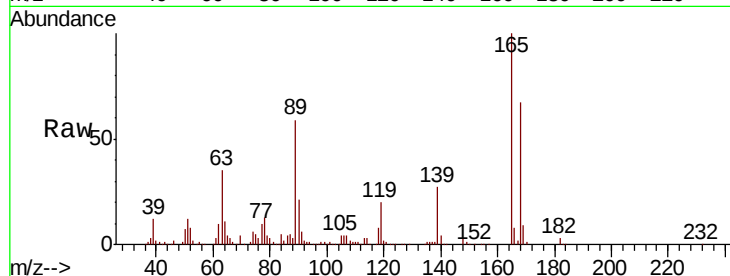
Ion Ratio Lower Upper

165 100

63 35.3 25.5 38.3

89 59.0 45.4 68.0

182 3.2 2.4 3.6

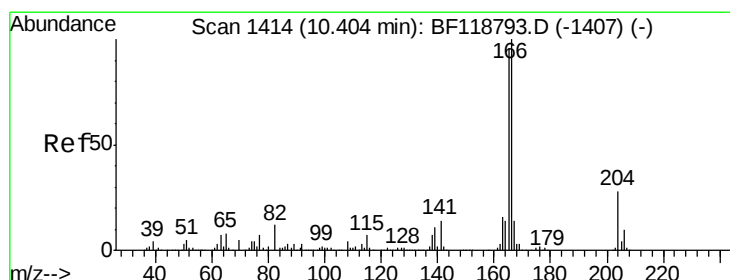
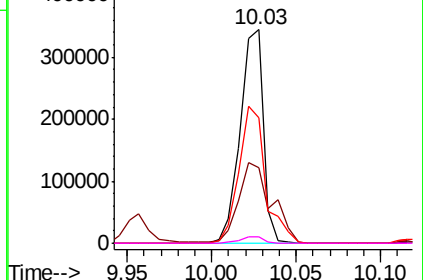
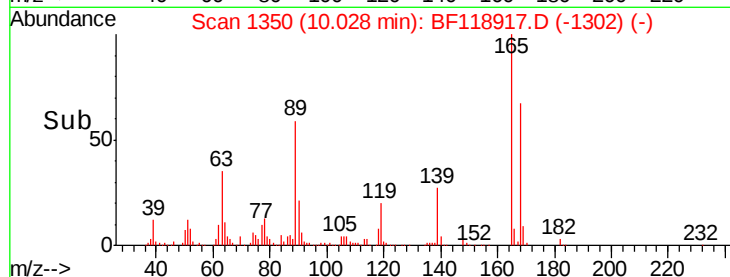


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.856 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

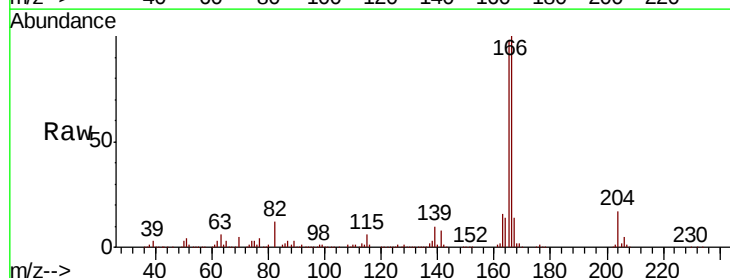
Tgt Ion:166 Resp: 947535

Ion Ratio Lower Upper

166 100

165 98.0 77.0 115.6

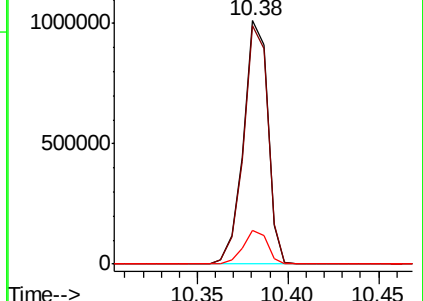
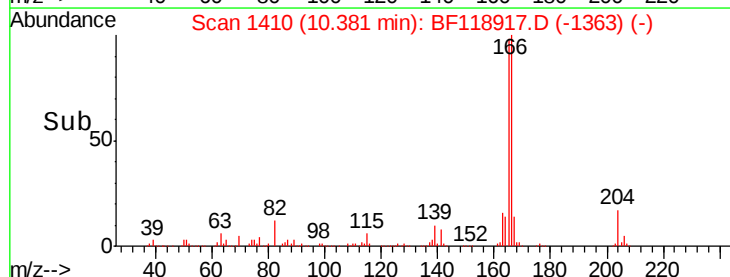
167 13.6 11.1 16.7

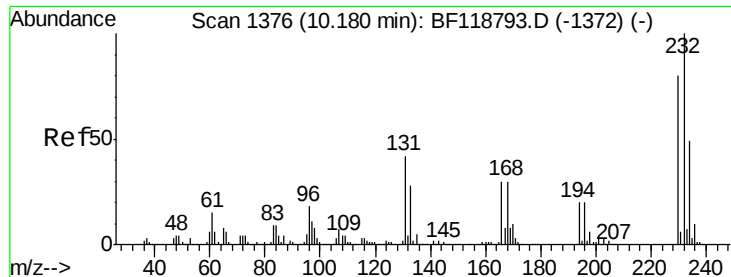


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

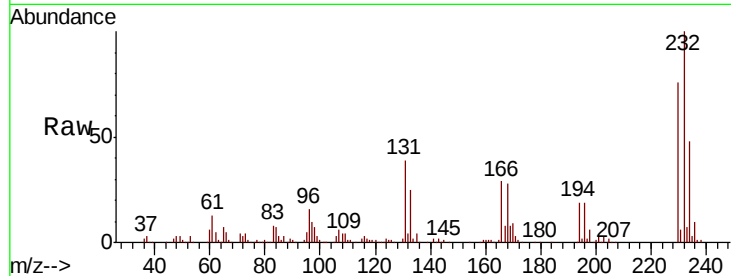




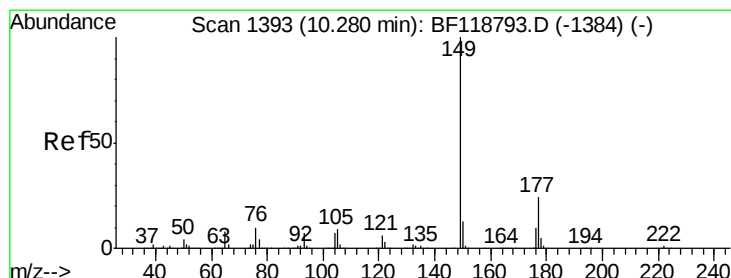
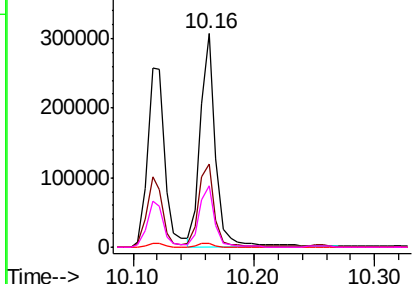
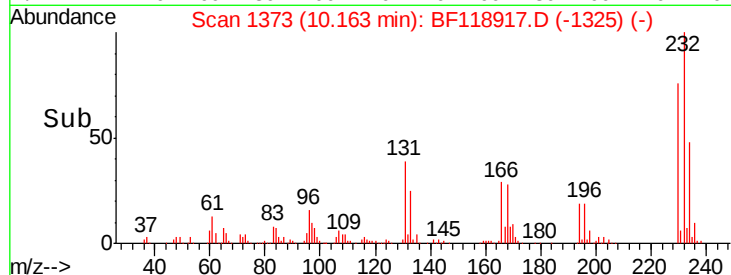
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.184 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	268971
Ion Ratio	Lower	Upper
232	100	
131	40.8	31.8 47.6
130	2.2	1.6 2.4
166	28.9	23.1 34.7

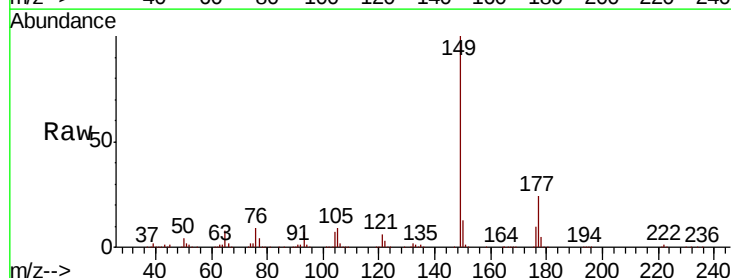


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

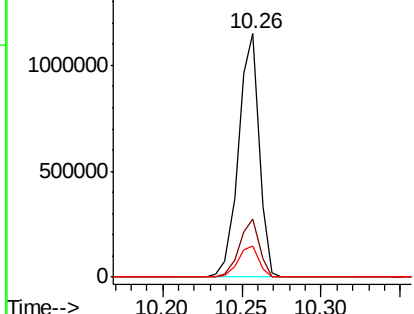
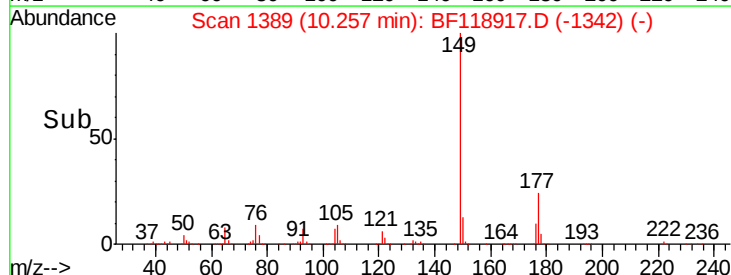


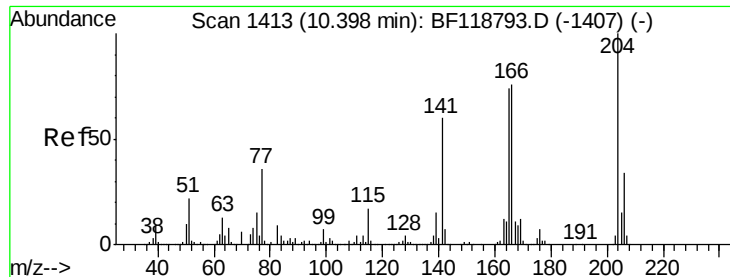
#60
 Diethylphthalate
 Concen: 42.092 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:149	Resp:	1035792
Ion Ratio	Lower	Upper
149	100	
177	23.7	19.3 28.9
150	13.0	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

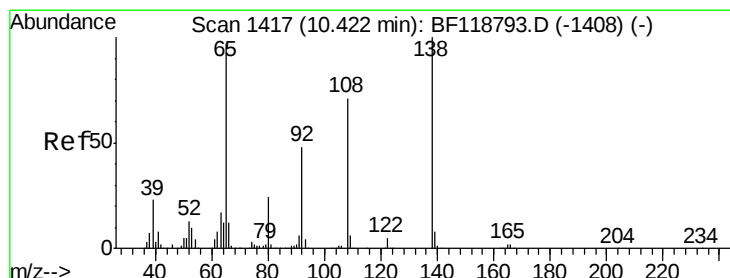
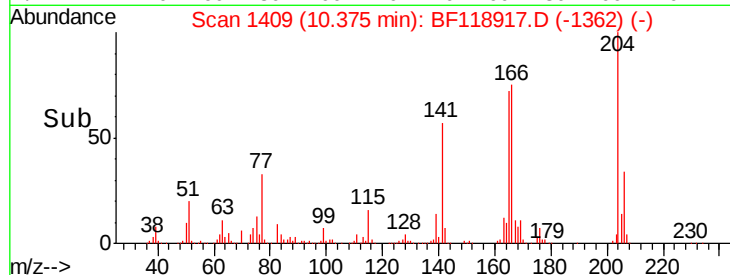
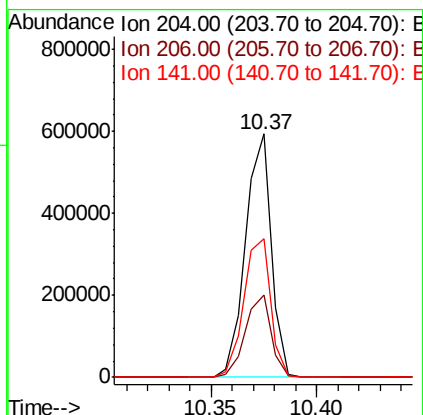
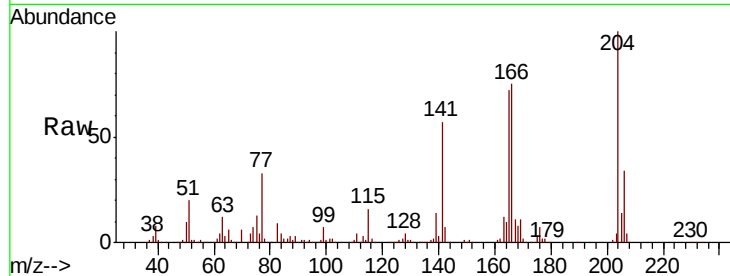




#61
4-Chlorophenyl-phenylether
Concen: 42.053 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

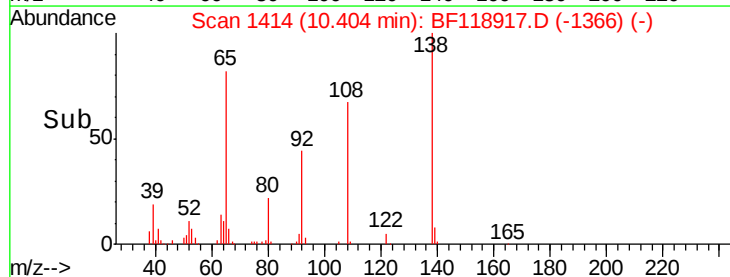
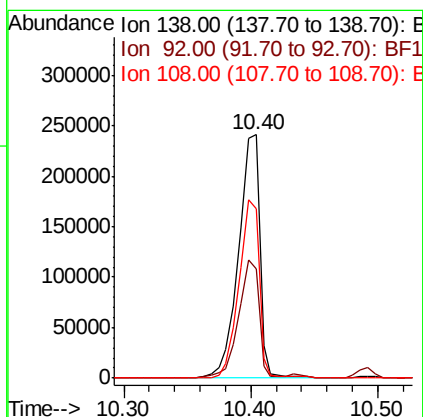
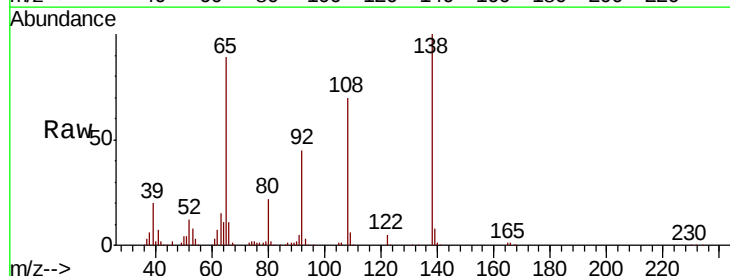
Instrument :
BNA_F
ClientSampleId :

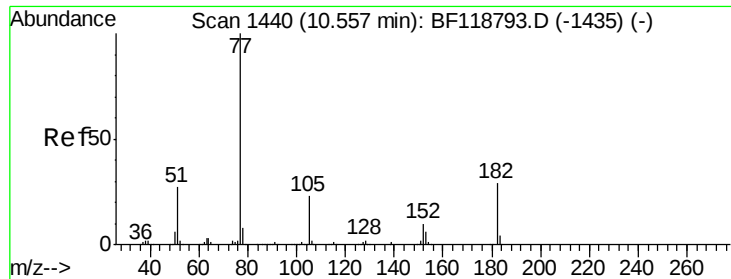
Tot Ion:204 Resp: 504227
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.2
141 57.2 47.8 71.6



#62
4-Nitroaniline
Concen: 43.362 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:138 Resp: 278861
Ion Ratio Lower Upper
138 100
92 44.6 27.6 67.6
108 69.8 51.3 91.3





#63

Azobenzene

Concen: 42.499 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 892861

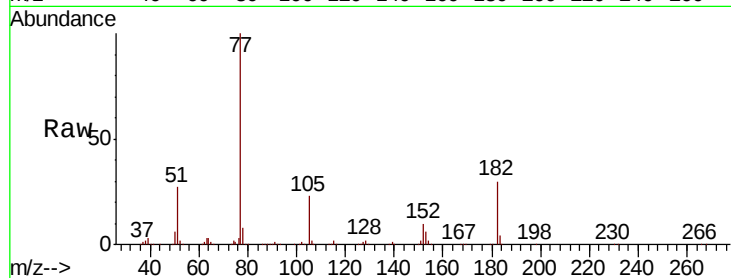
Ion Ratio Lower Upper

77 100

182 29.5 9.2 49.2

105 23.2 3.1 43.1

51 27.3 7.4 47.4

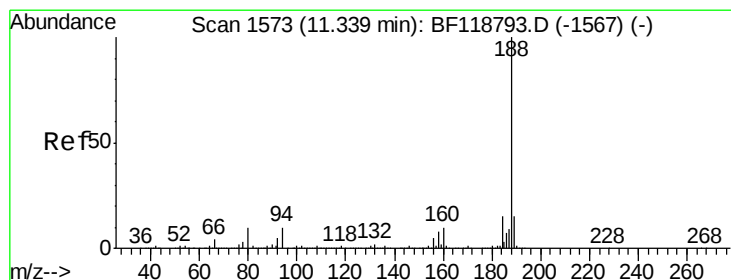
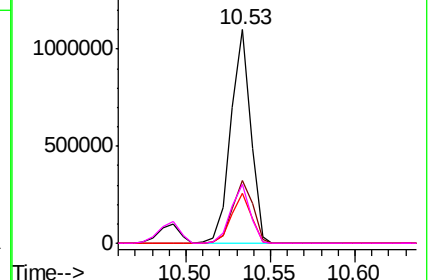
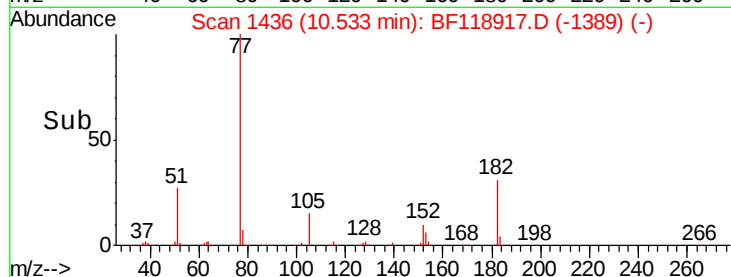


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

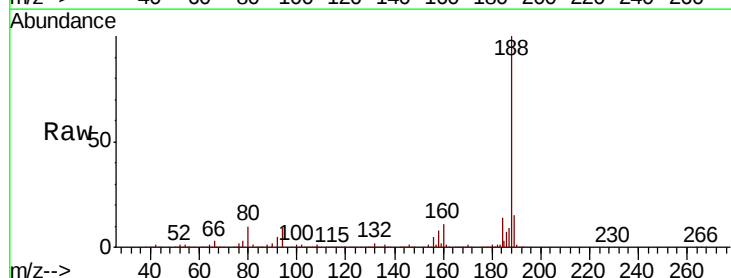
Tgt Ion: 188 Resp: 708881

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

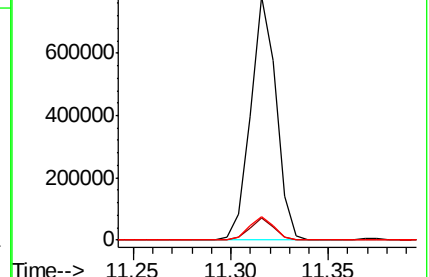
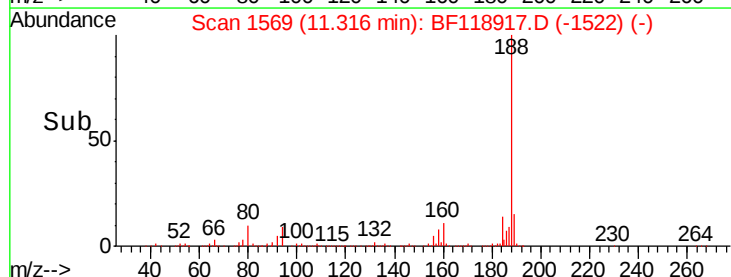
80 9.8 8.4 12.6

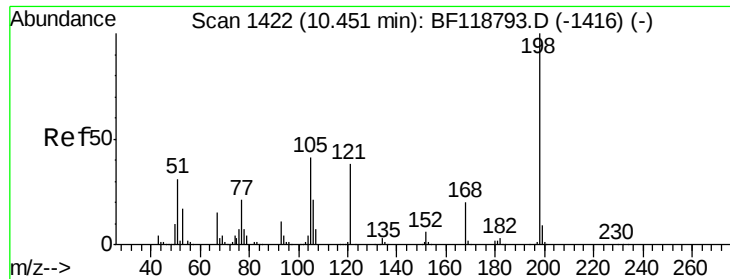


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

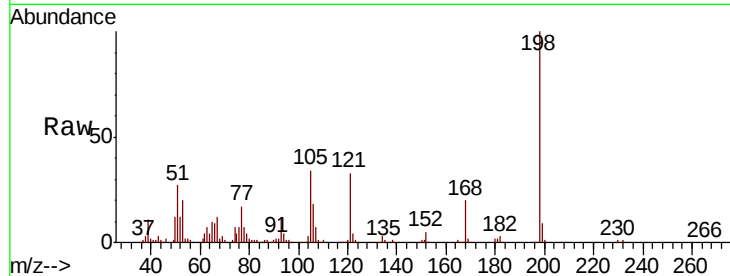




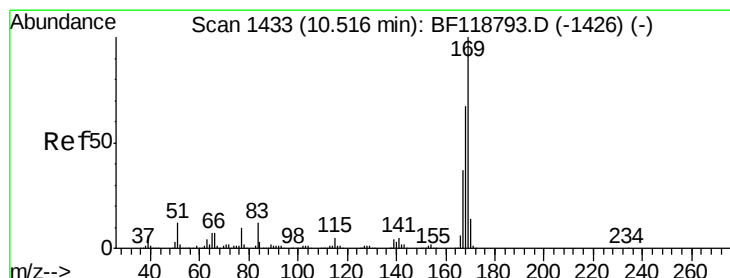
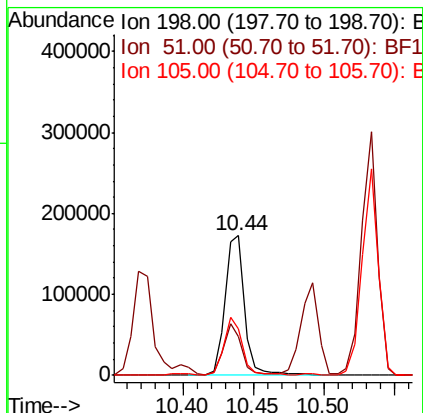
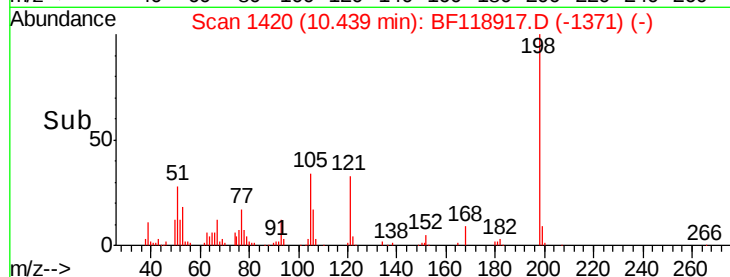
#65
4,6-Dinitro-2-methylphenol
Concen: 41.764 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	27.3	16.7	56.7
105	33.7	22.0	62.0

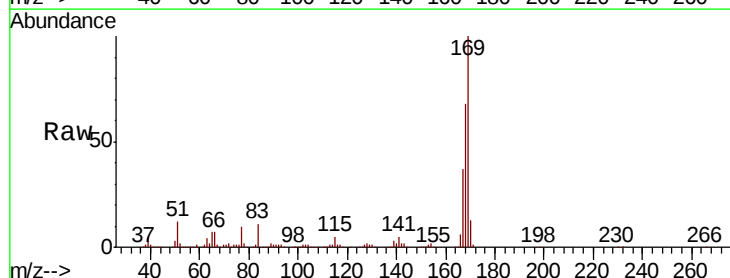


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

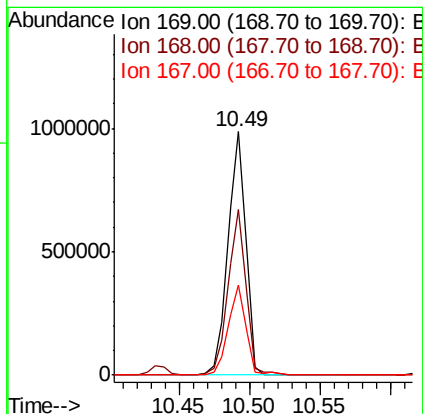
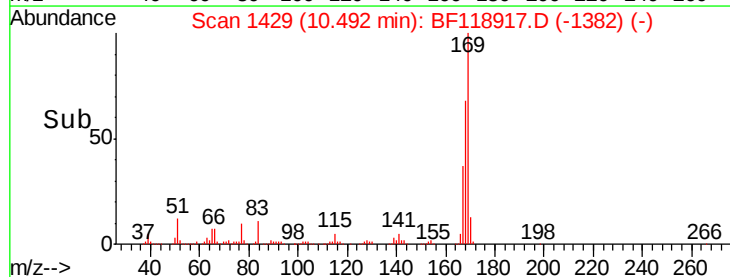


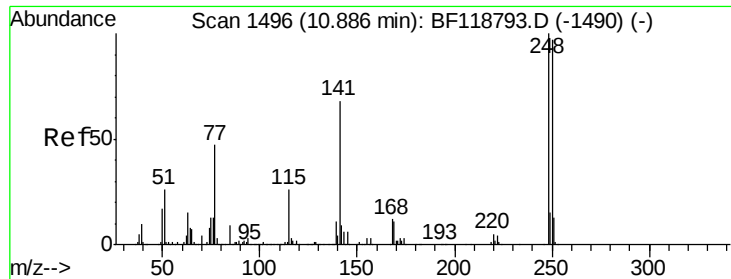
#66
n-Nitrosodiphenylamine
Concen: 42.165 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.5	80.3
167	36.9	29.3	43.9



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

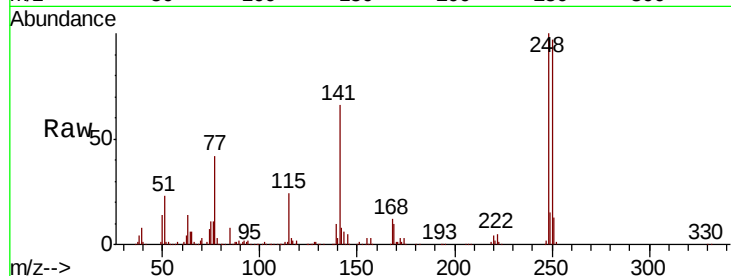




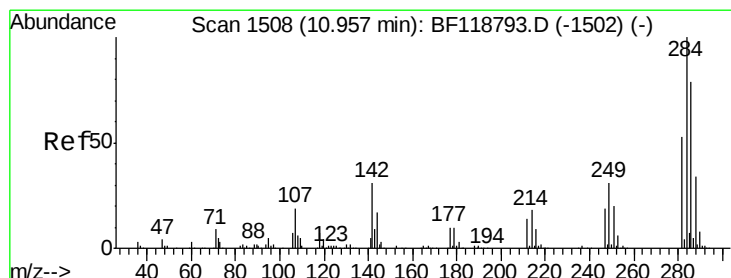
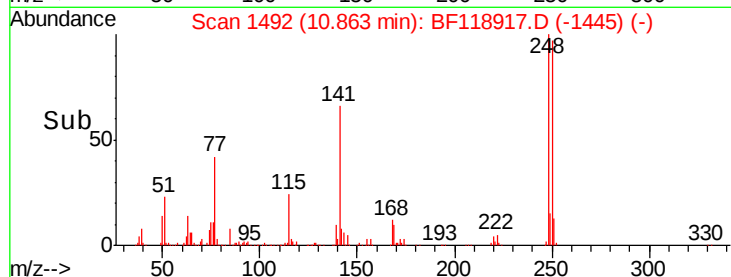
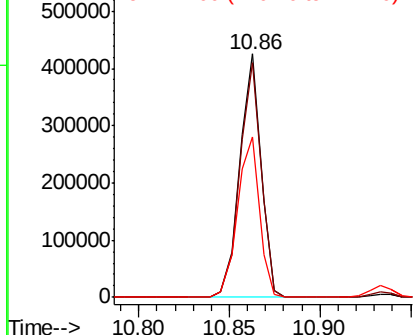
#67
4-Bromophenyl-phenylether
Concen: 41.317 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 346474
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 66.1 54.4 81.6

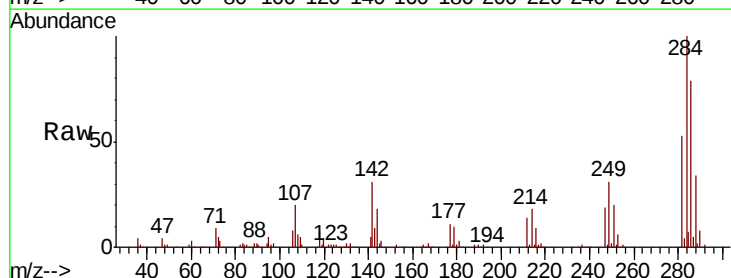


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

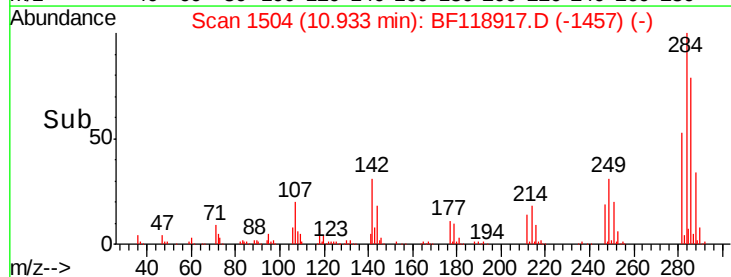
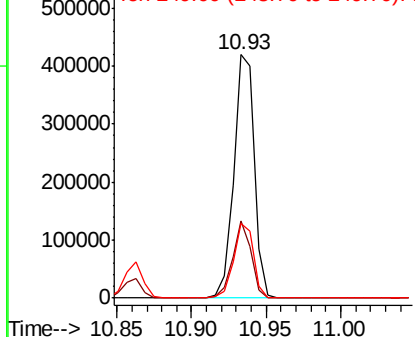


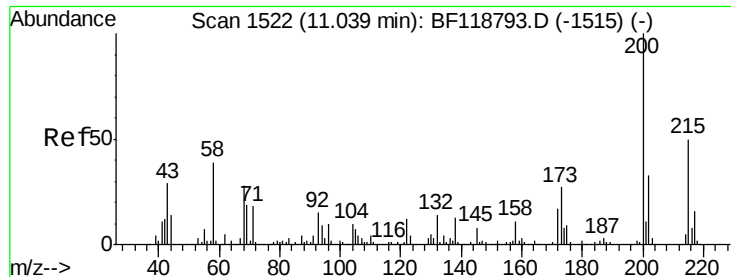
#68
Hexachlorobenzene
Concen: 42.324 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:284 Resp: 407088
Ion Ratio Lower Upper
284 100
142 31.5 24.5 36.7
249 30.7 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

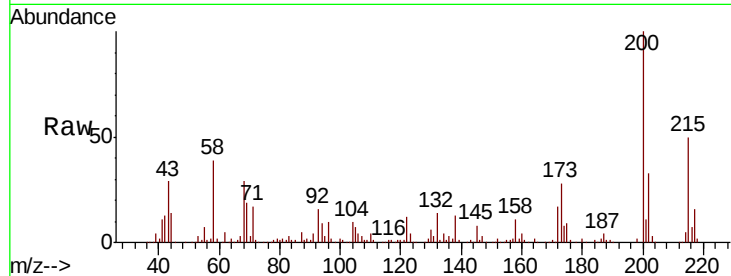




#69
 Atrazine
 Concen: 40.135 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.5	47.5
215	50.4	29.9	69.9

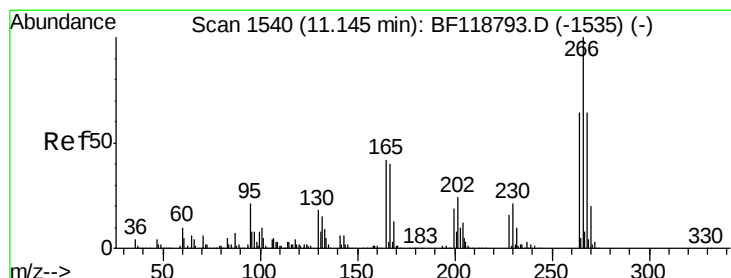
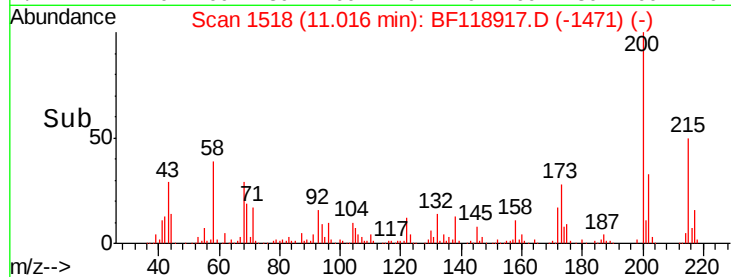
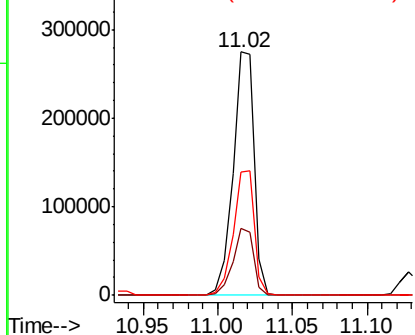


Abundance

Ion 200.00 (199.70 to 200.70): E

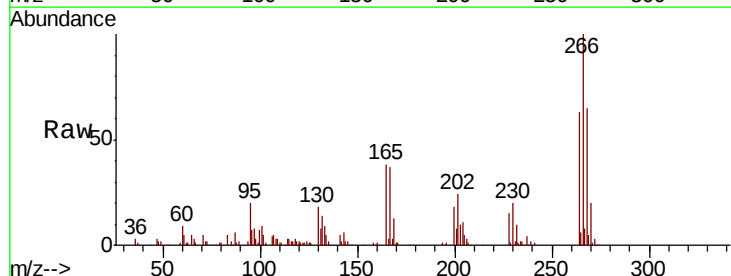
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 33.114 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.0	76.6
264	62.9	51.4	77.2

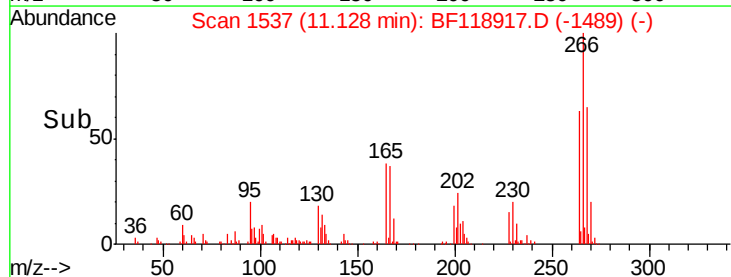
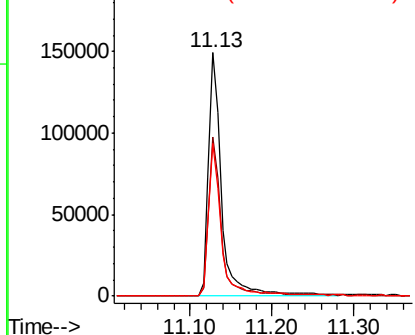


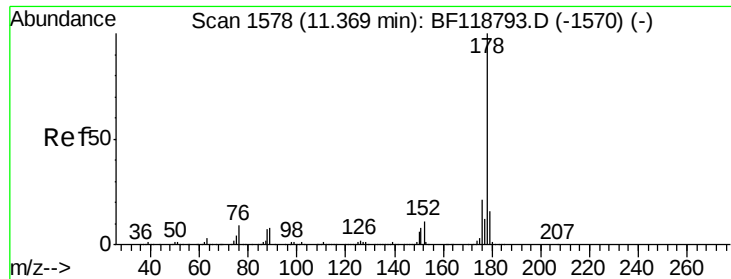
Abundance

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: 41.614 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

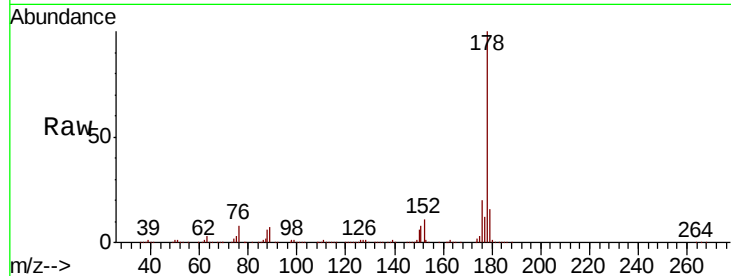
Tot Ion:178 Resp: 1451397

Ion Ratio Lower Upper

178 100

176 19.8 16.6 24.8

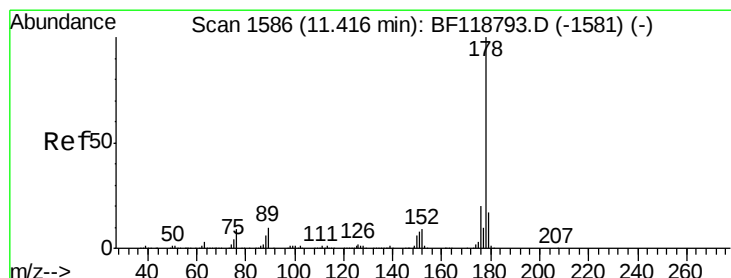
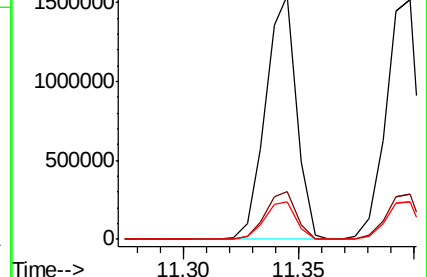
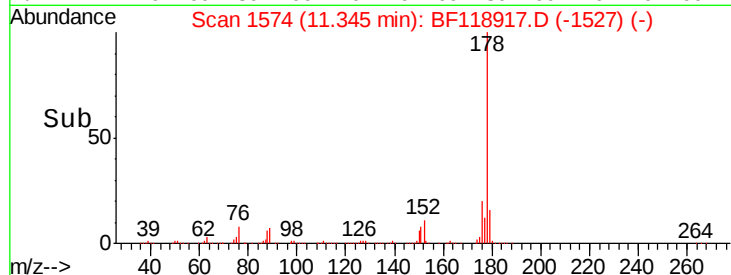
179 15.7 13.2 19.8



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: 41.784 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

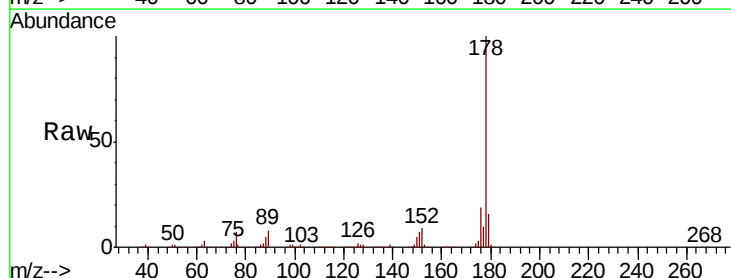
Tgt Ion:178 Resp: 1449783

Ion Ratio Lower Upper

178 100

176 18.9 16.2 24.2

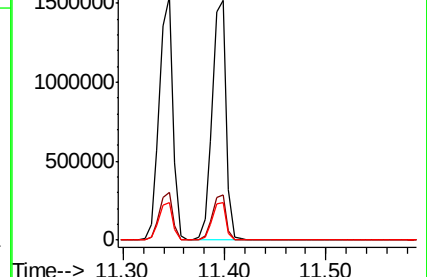
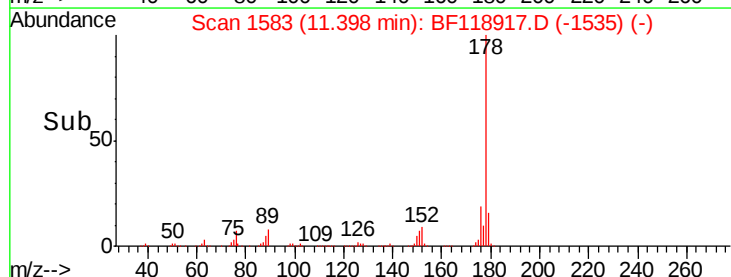
179 15.6 13.4 20.2

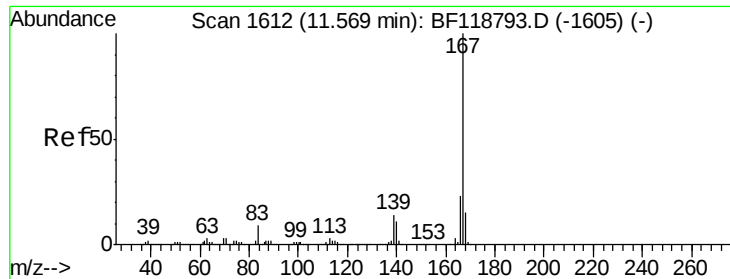


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



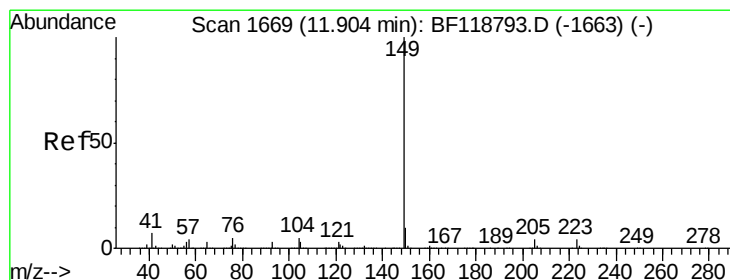
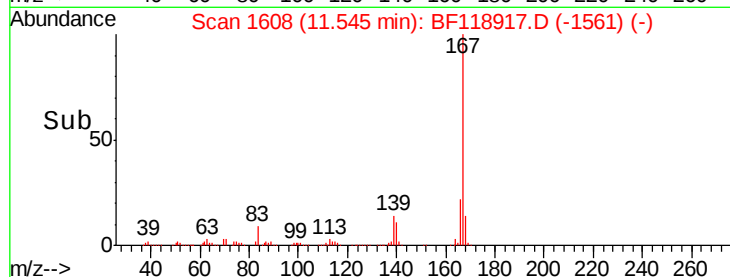
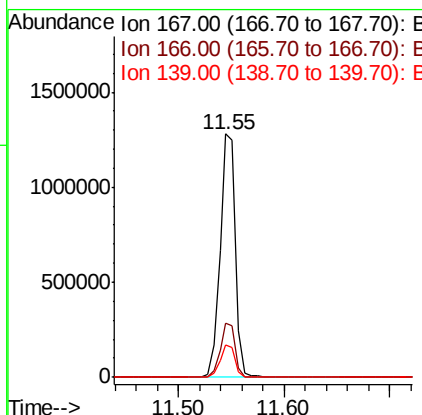
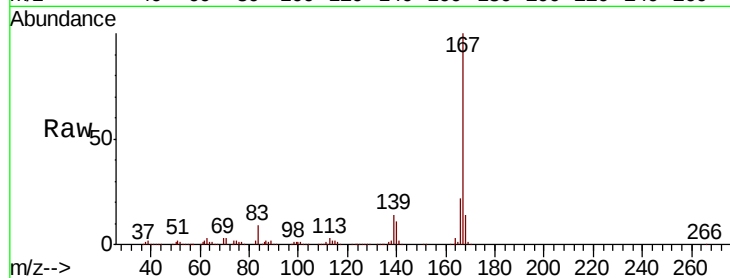


#73
 Carbazole
 Concen: 42.761 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1302097

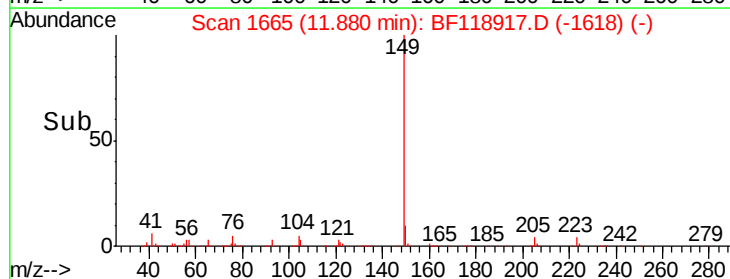
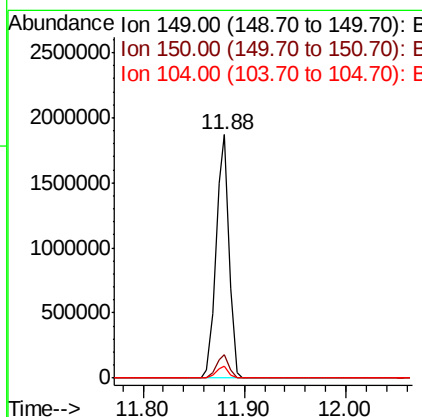
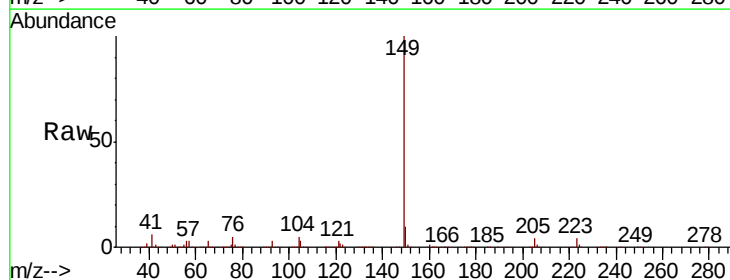
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.4	27.6
139	13.5	11.1	16.7

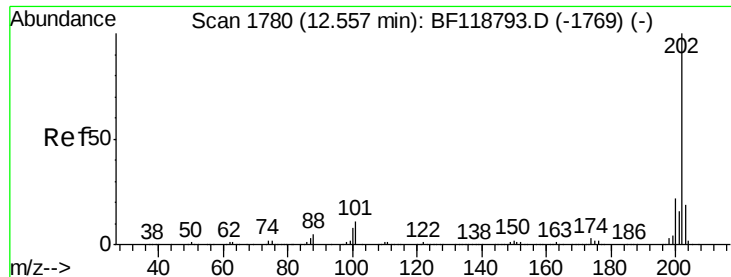


#74
 Di-n-butylphthalate
 Concen: 42.548 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BF118917.D
 Acq: 13 Feb 2020 12:18

Tgt Ion:149 Resp: 1650437

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.9	4.3	6.5

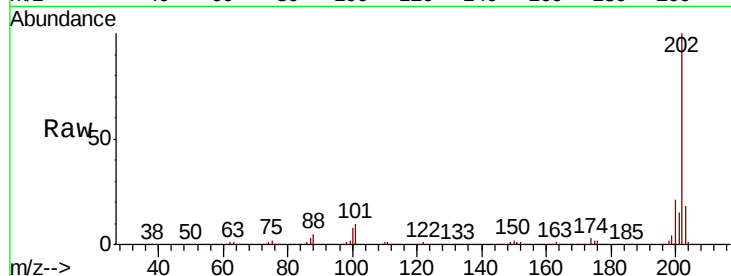




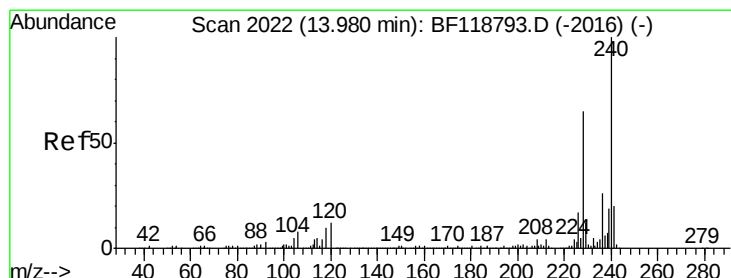
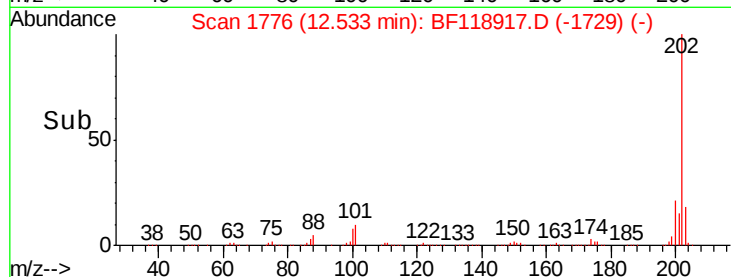
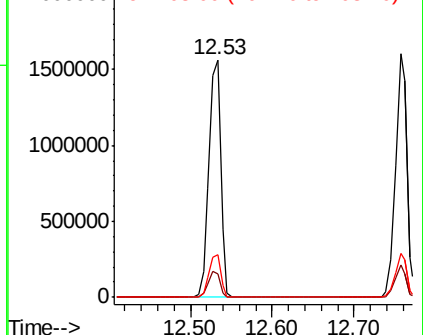
#75
Fluoranthene
Concen: 41.035 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1562651
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.0
203 17.8 0.0 38.7

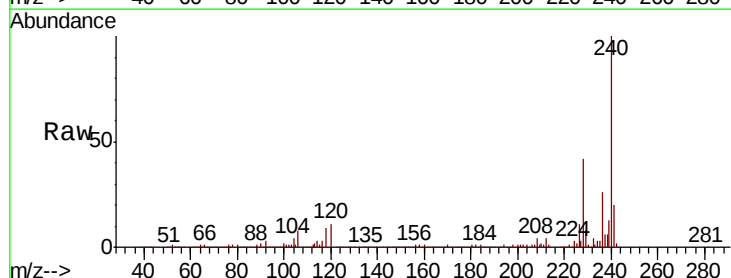


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

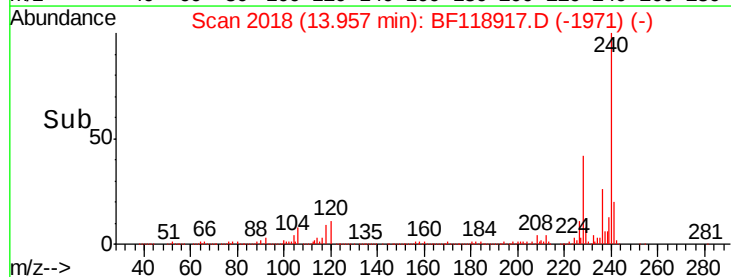
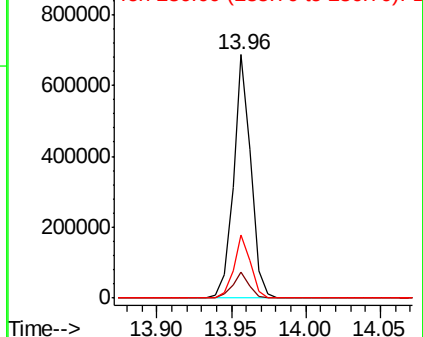


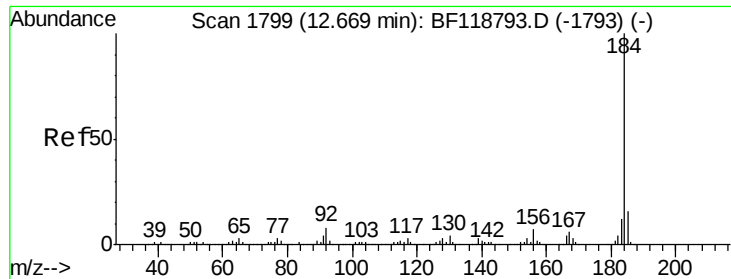
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:240 Resp: 558517
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.0
236 25.9 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: 40.419 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampled :

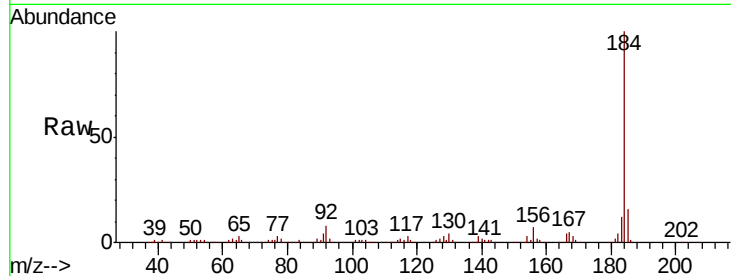
Tot Ion:184 Resp: 682779

Ion Ratio Lower Upper

184 100

185 15.5 12.5 18.7

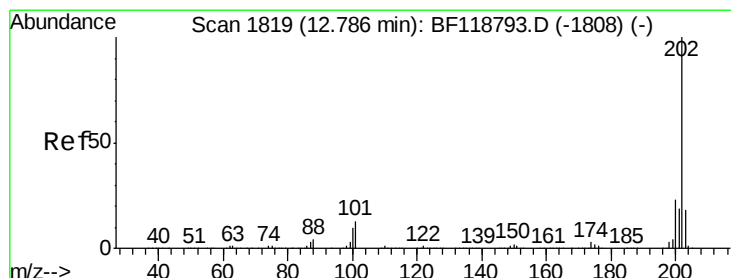
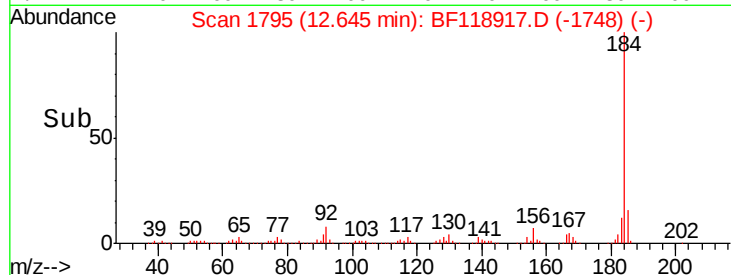
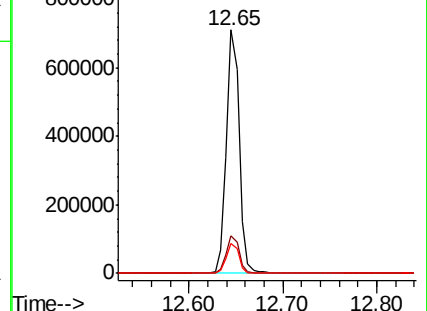
183 12.2 9.7 14.5



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: 41.377 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.03 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

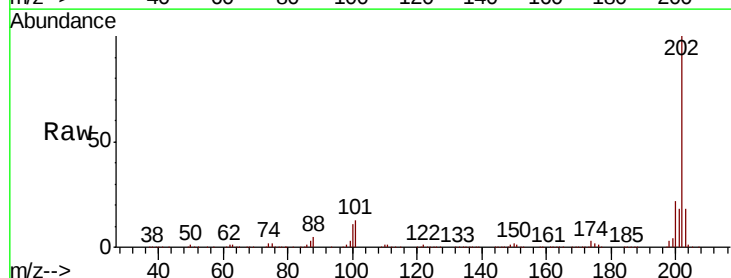
Tgt Ion:202 Resp: 1585386

Ion Ratio Lower Upper

202 100

200 21.6 18.2 27.2

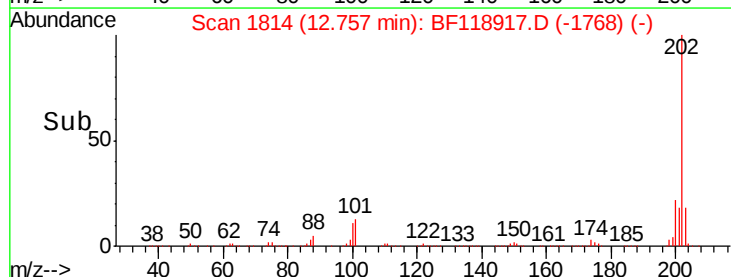
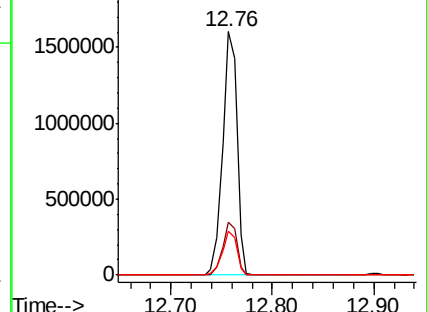
203 18.1 14.8 22.2

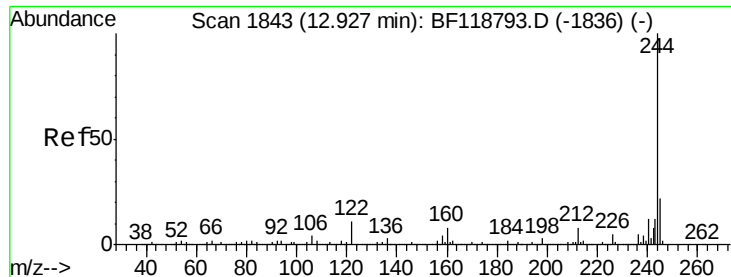


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.973 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampled :

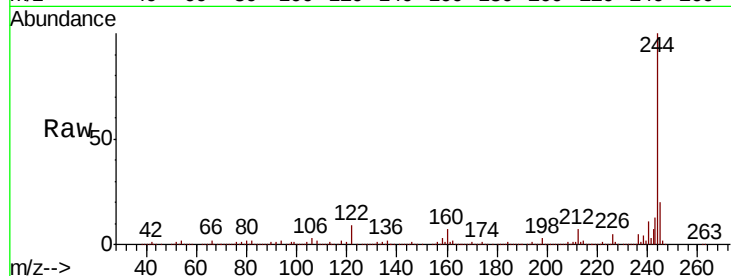
Tot Ion:244 Resp: 2283318

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 9.4 8.9 13.3

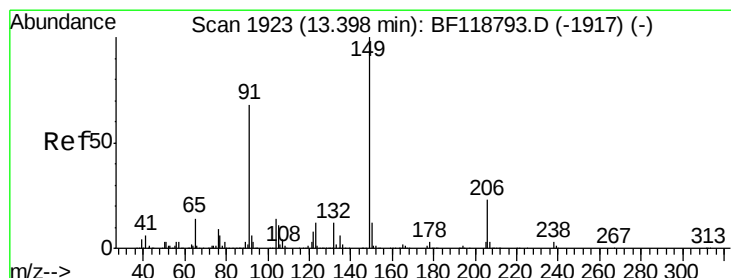
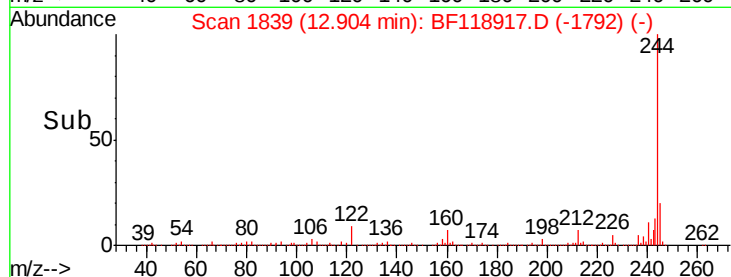
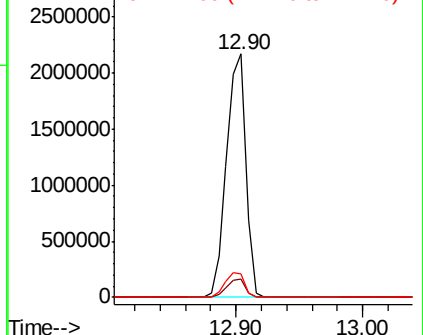


Abundance

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: 40.115 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

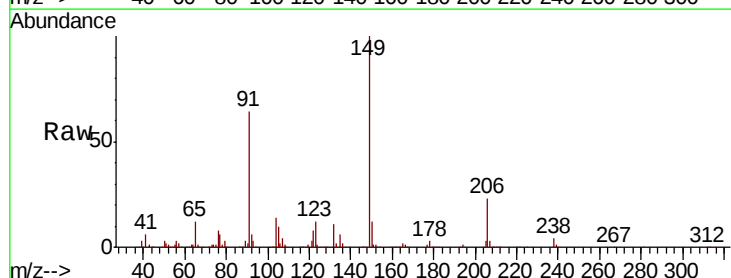
Tgt Ion:149 Resp: 701542

Ion Ratio Lower Upper

149 100

91 64.5 54.7 82.1

206 22.8 18.5 27.7

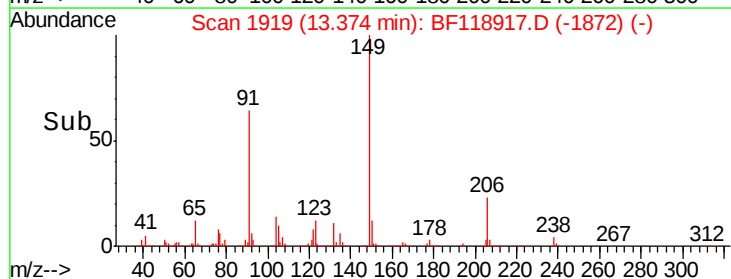
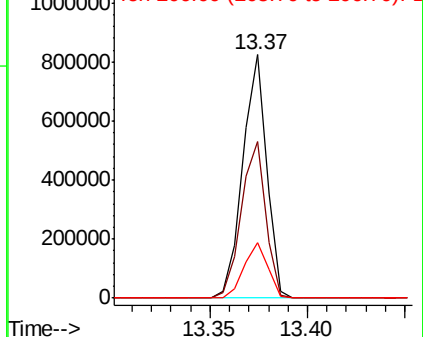


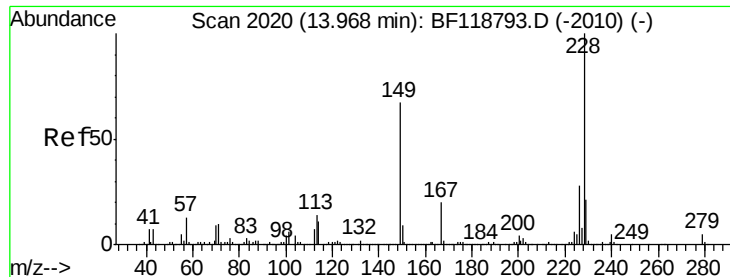
Abundance

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: 40.280 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

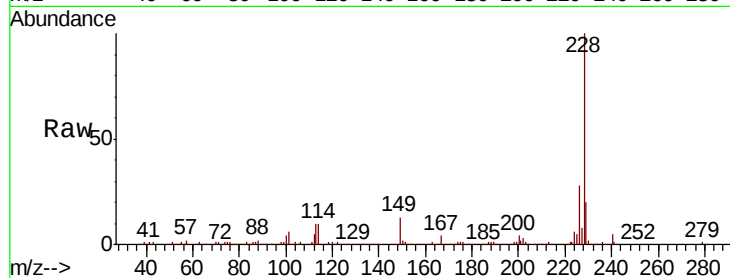
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1338697

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	20.3	16.6	25.0

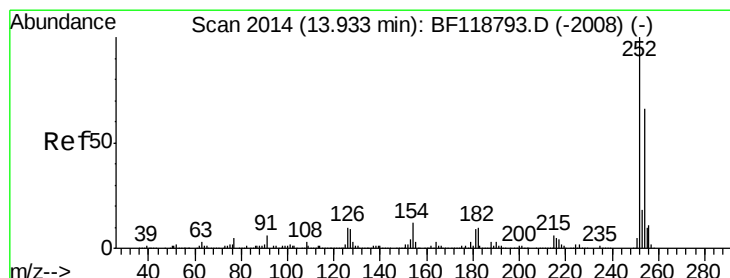
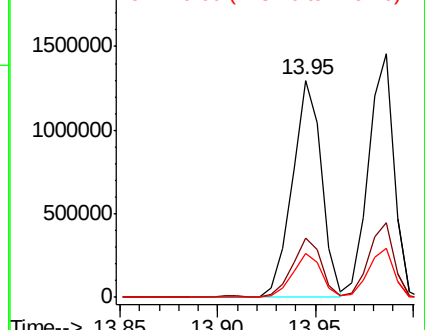
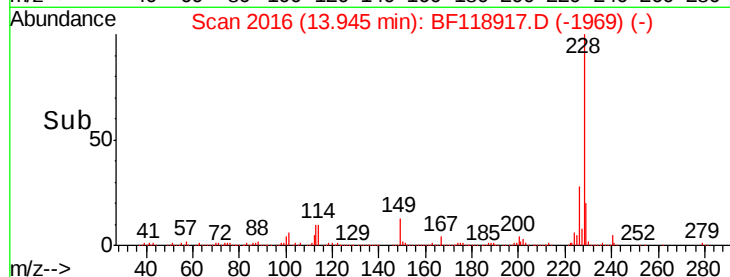


Abundance

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: 38.688 ng

RT: 13.90 min Scan# 2009

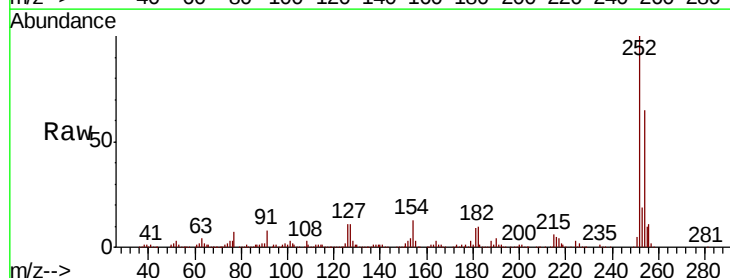
Delta R.T. -0.03 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Tgt Ion:252 Resp: 525897

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.4	78.6
126	11.2	7.8	11.8

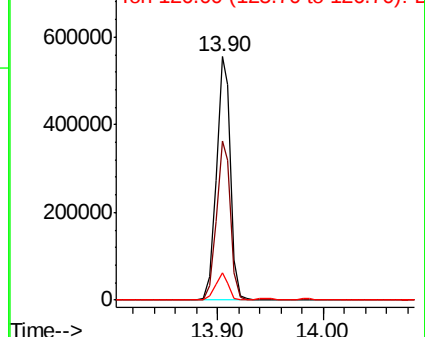
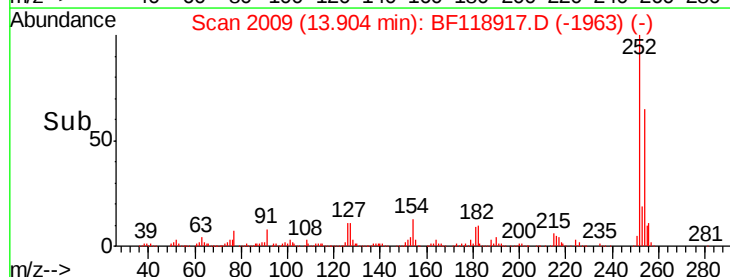


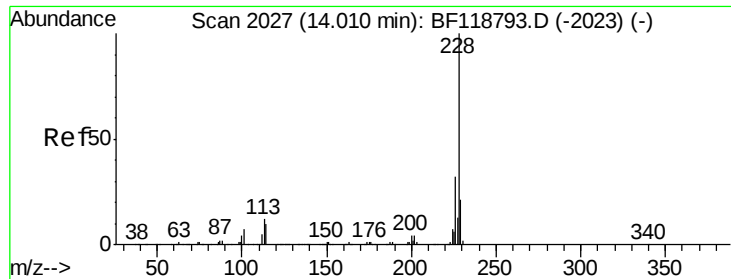
Abundance

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: 39.554 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

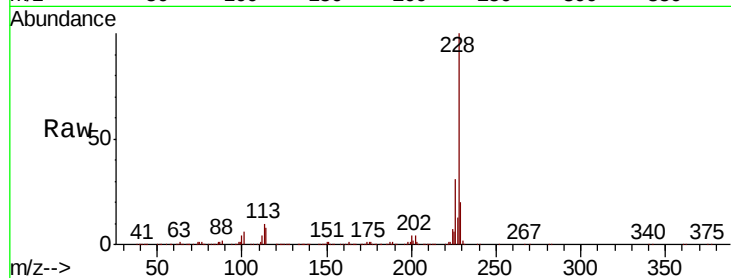
Tot Ion:228 Resp: 1319388

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.0

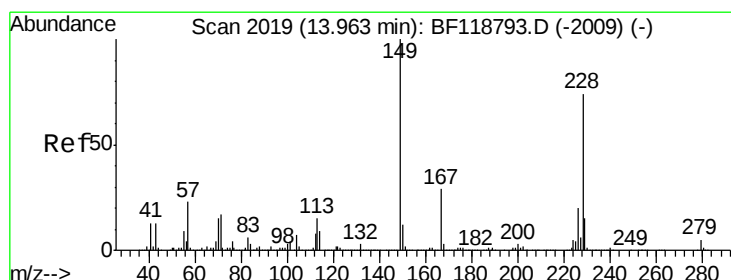
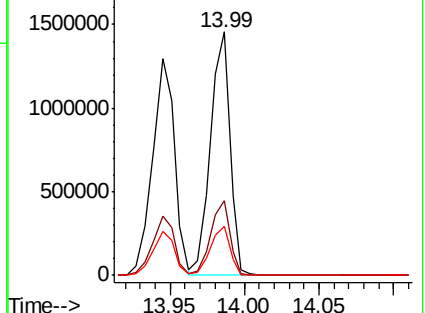
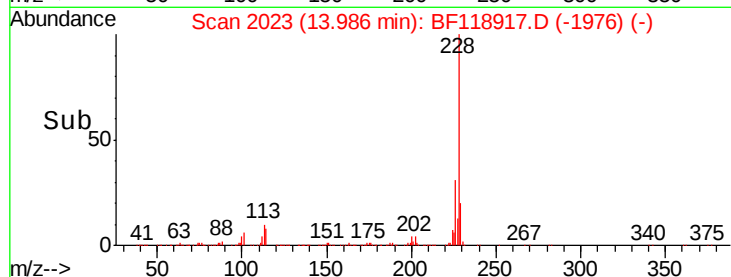
229 20.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.957 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.03 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

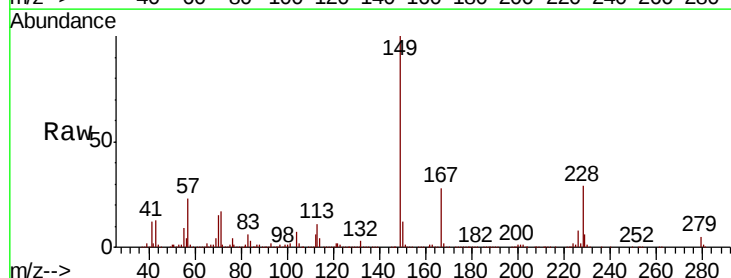
Tgt Ion:149 Resp: 908735

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

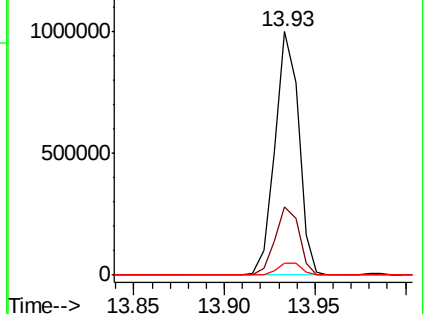
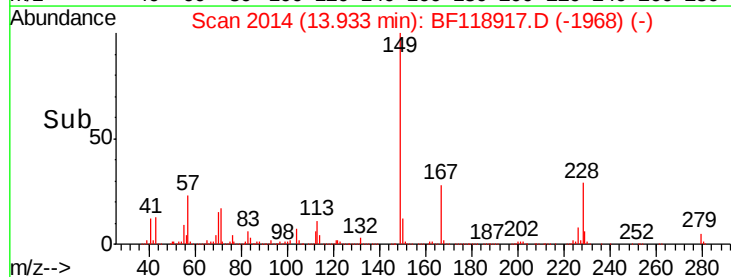
279 5.0 4.4 6.6

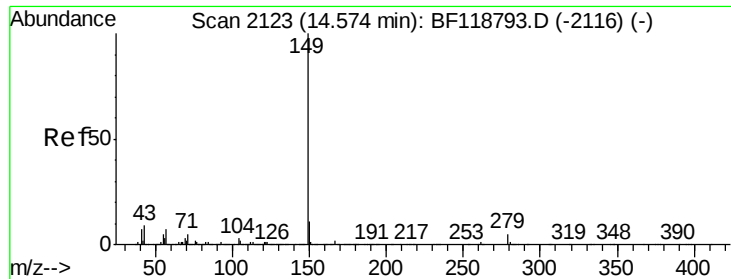


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.923 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.03 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

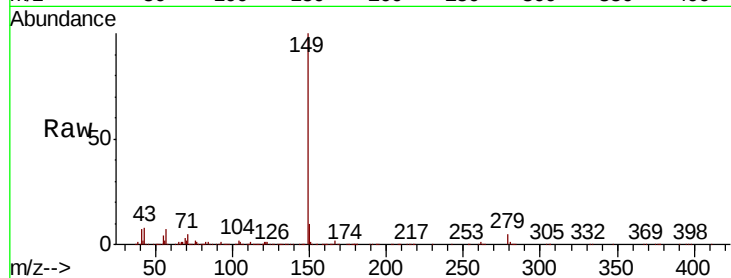
Tot Ion:149 Resp: 1479500

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

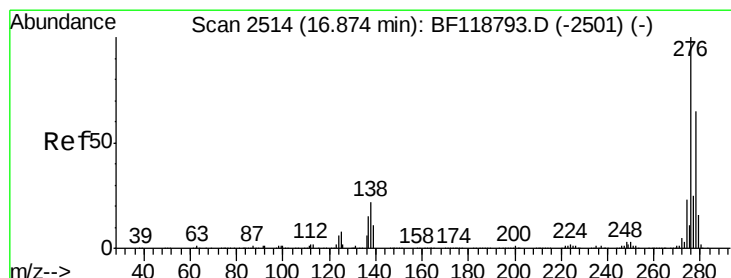
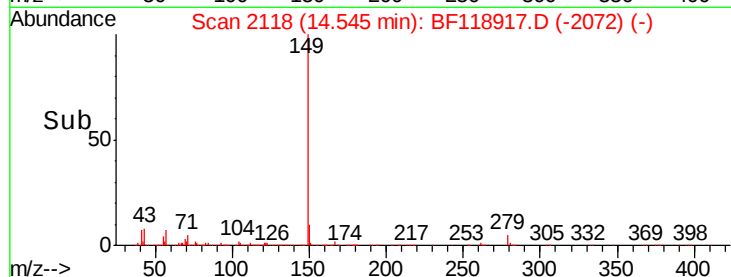
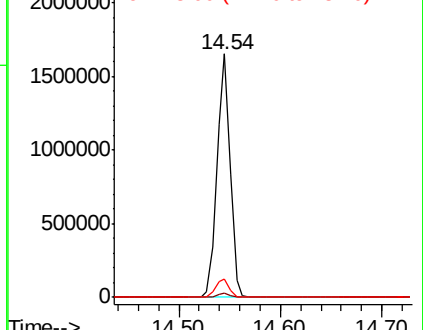
43 8.0 6.6 10.0



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: 35.304 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.04 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

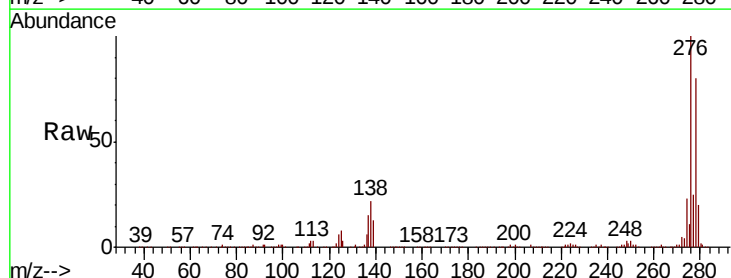
Tgt Ion:276 Resp: 1183176

Ion Ratio Lower Upper

276 100

138 22.4 18.3 27.5

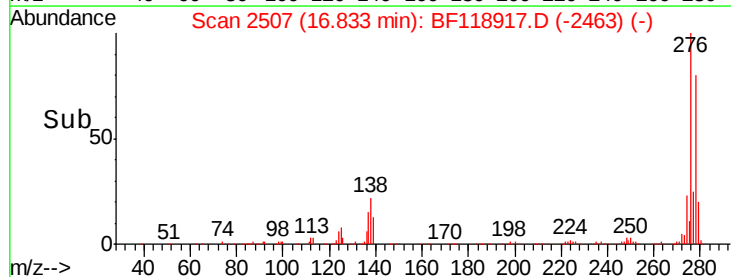
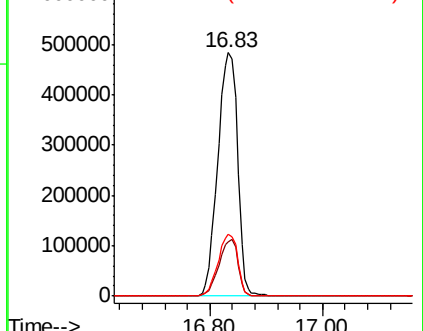
277 25.1 20.2 30.4

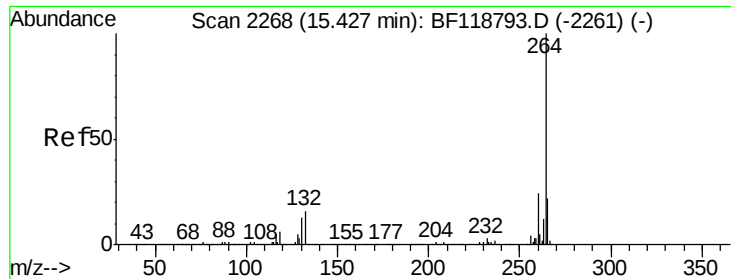


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.40 min Scan# 2263

Delta R.T. -0.03 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampled :

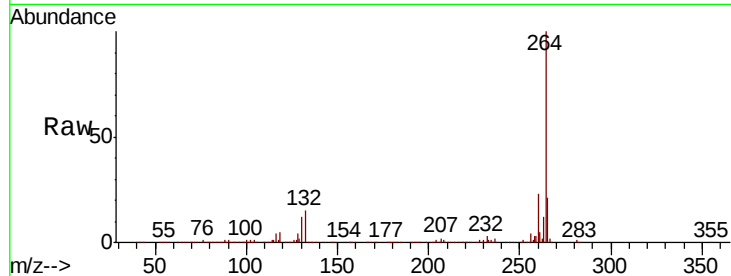
Tot Ion:264 Resp: 502622

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

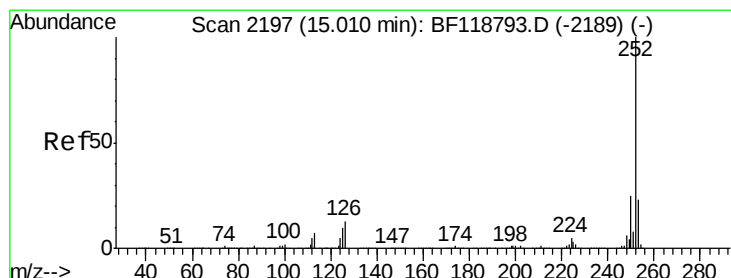
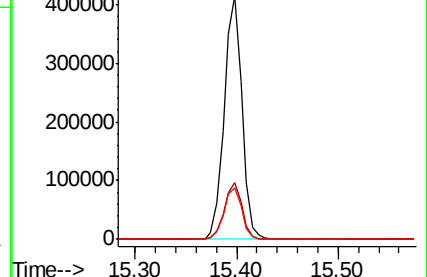
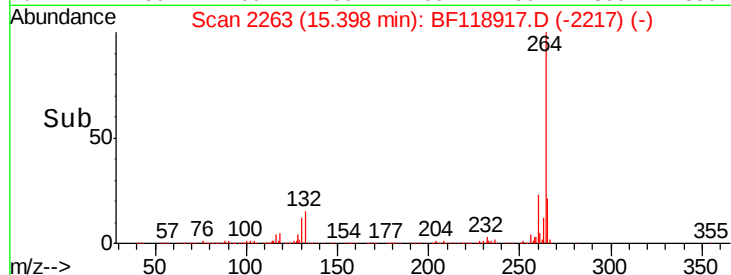
265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.046 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

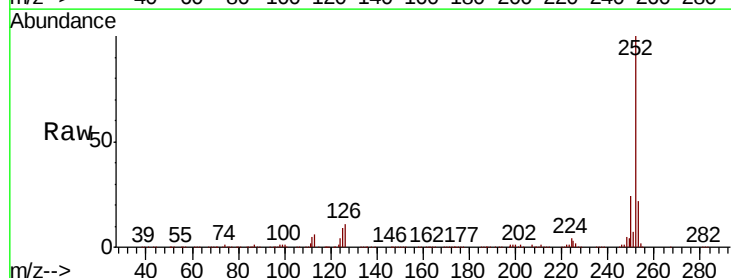
Tgt Ion:252 Resp: 1342556

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

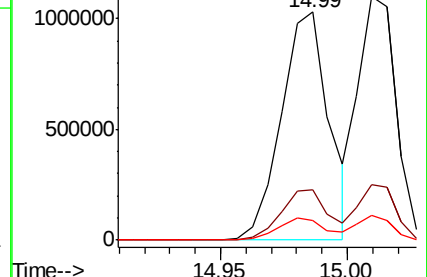
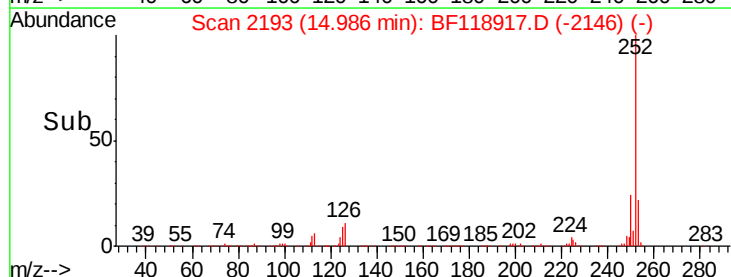
125 8.7 8.1 12.1

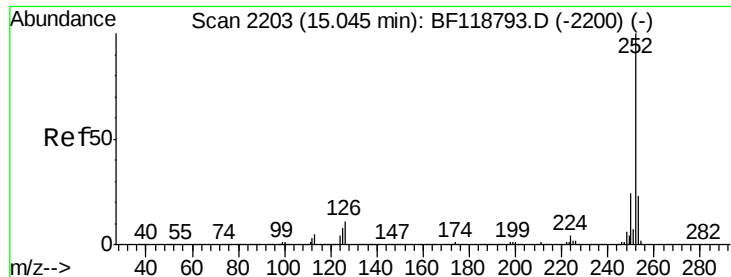


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

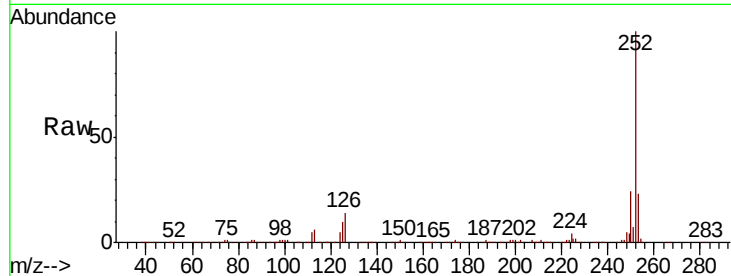




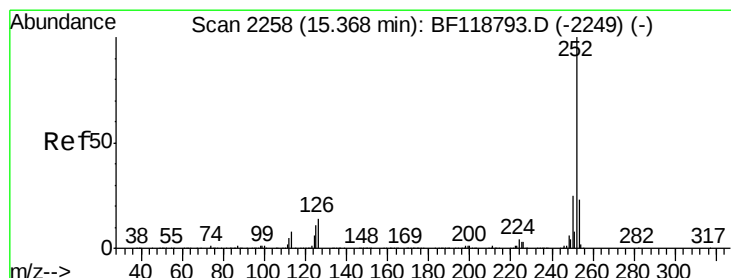
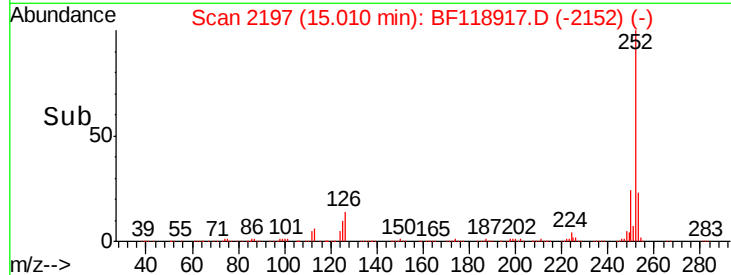
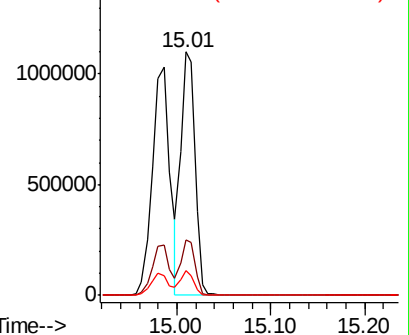
#89
Benzo(k)fluoranthene
Concen: 42.354 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1150308
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.0 7.0 10.6

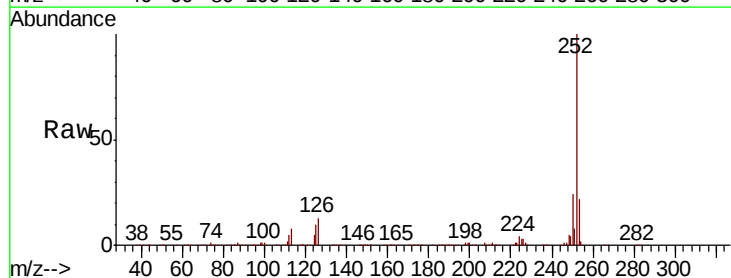


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

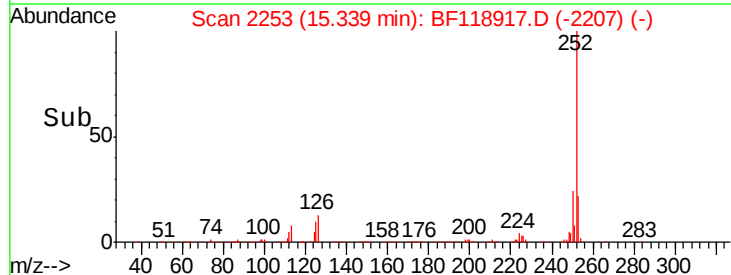
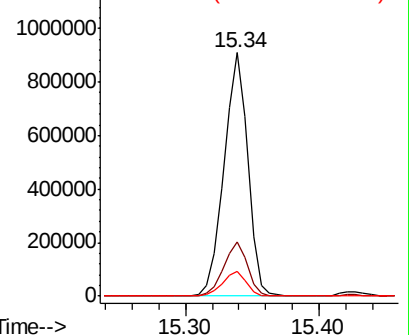


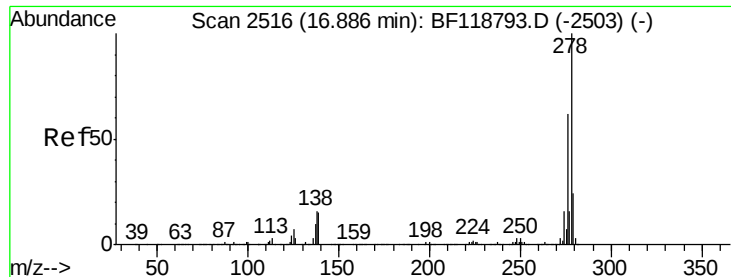
#90
Benzo(a)pyrene
Concen: 42.205 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BF118917.D
Acq: 13 Feb 2020 12:18

Tgt Ion:252 Resp: 1126522
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.3 8.7 13.1



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





#91

Dibenzo(a,h)anthracene

Concen: 40.963 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.04 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

Instrument :

BNA_F

ClientSampleId :

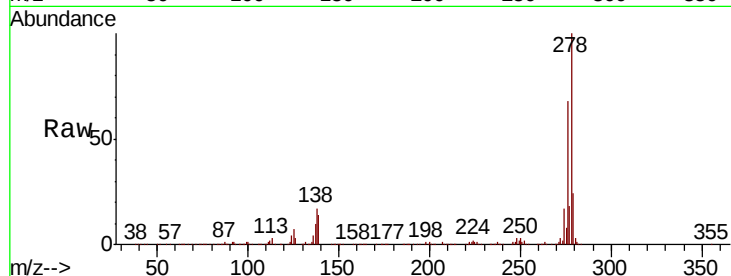
Tot Ion:278 Resp: 970621

Ion Ratio Lower Upper

278 100

139 13.8 12.3 18.5

279 23.5 19.1 28.7

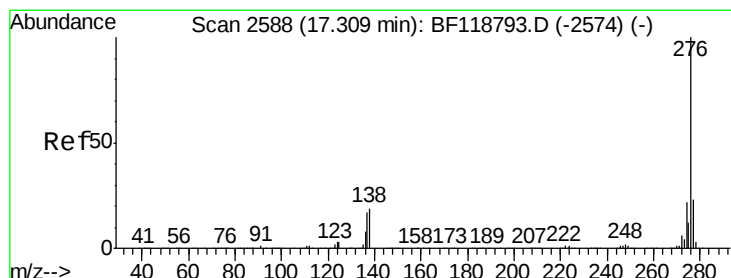
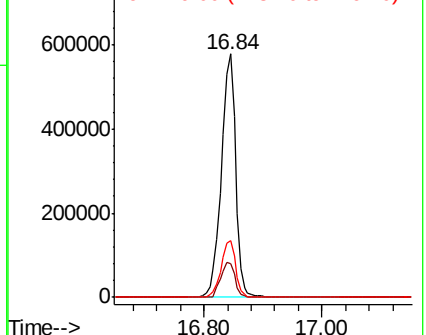
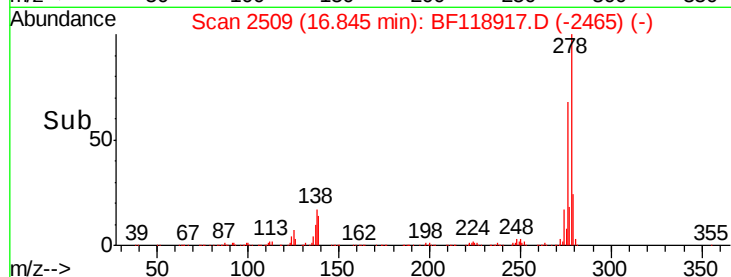


Abundance

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: 41.425 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.05 min

Lab File: BF118917.D

Acq: 13 Feb 2020 12:18

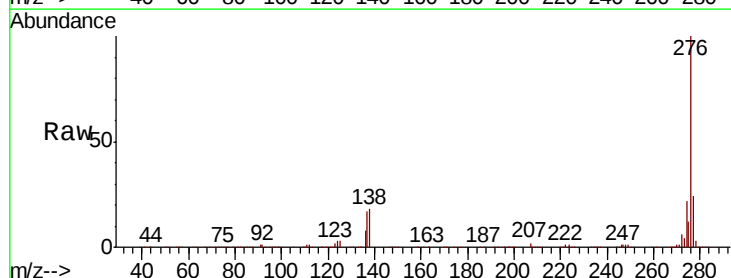
Tgt Ion:276 Resp: 943979

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.4 15.4 23.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

