

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118718.D
 Acq On : 27 Jan 2020 14:09
 Operator : CG/JU
 Sample : L1241-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 14:40:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	306375	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1144968	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	635195	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1146115	20.00	ng	0.00
76) Chrysene-d12	14.02	240	766711	20.00	ng	0.00
87) Perylene-d12	15.47	264	685567	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	2437203	147.74	ng	0.01
7) Phenol-d6	6.49	99	3006425	140.22	ng	0.00
23) Nitrobenzene-d5	7.42	82	1943515	94.94	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	1098932	149.58	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3623448	93.76	ng	0.00
79) Terphenyl-d14	12.97	244	4171710	118.67	ng	0.00

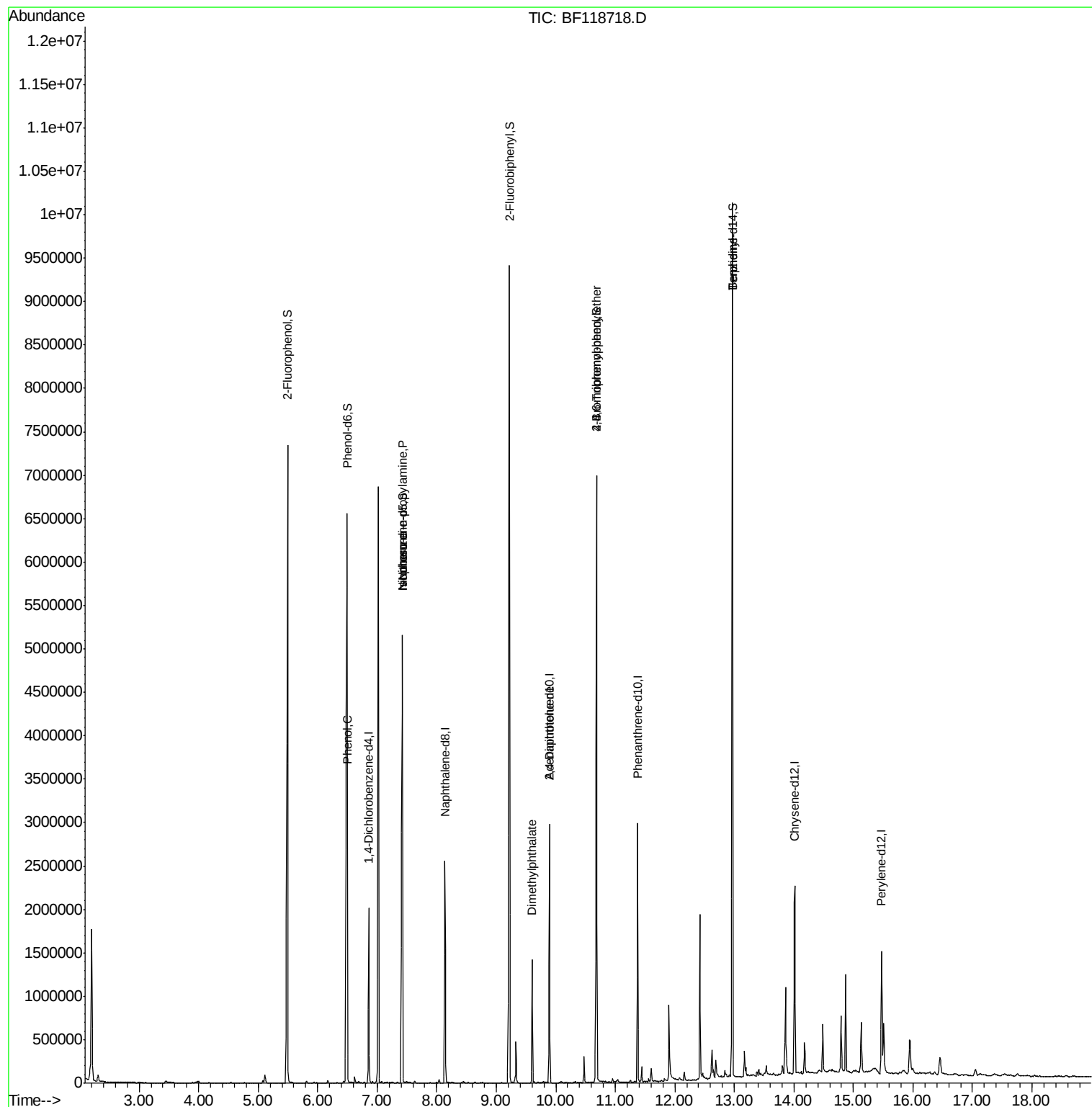
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	80880	3.310	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	268613	18.554	ng	# 76
25) Isophorone	7.42	82	1937953	51.905	ng	# 63
50) Dimethylphthalate	9.60	163	551431	13.325	ng	100
57) 2,4-Dinitrotoluene	9.89	165	83353	7.135	ng	# 30
67) 4-Bromophenyl-phenylether	10.69	248	71317	5.037	ng	# 1
77) Benzidine	12.97	184	57063	2.785	ng	# 92

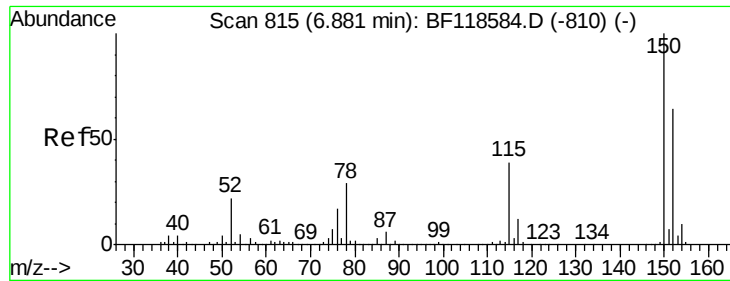
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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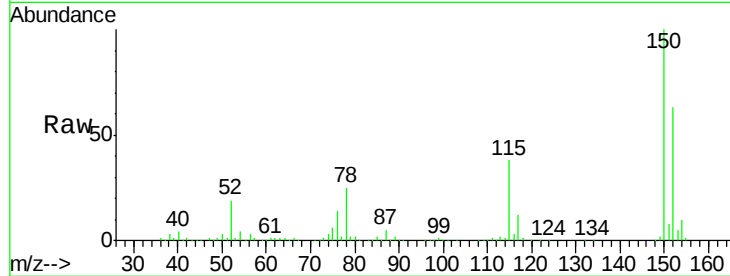


#1

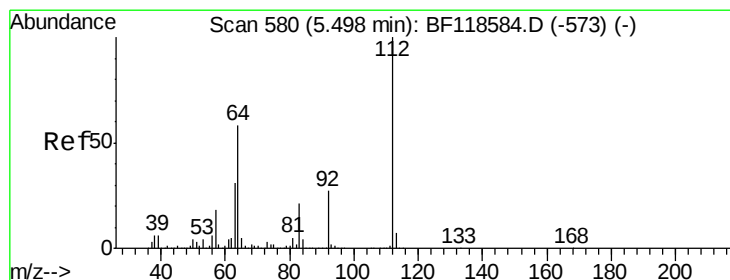
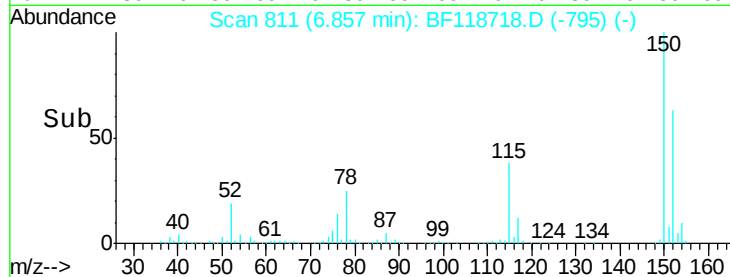
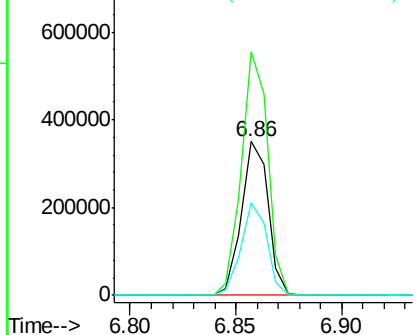
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 306375
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 60.2 45.1 67.7



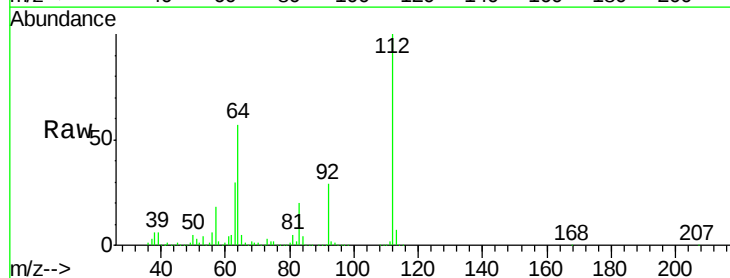
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



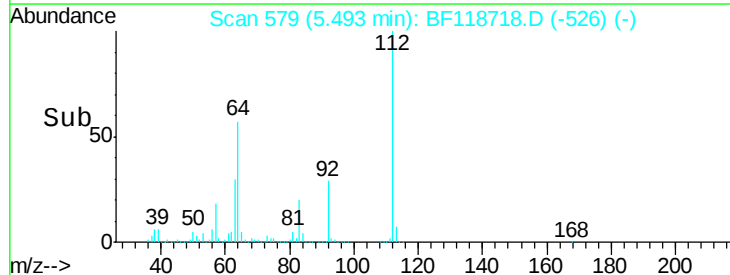
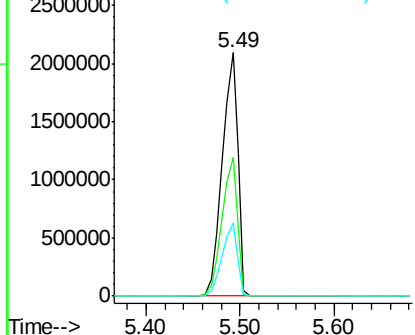
#5

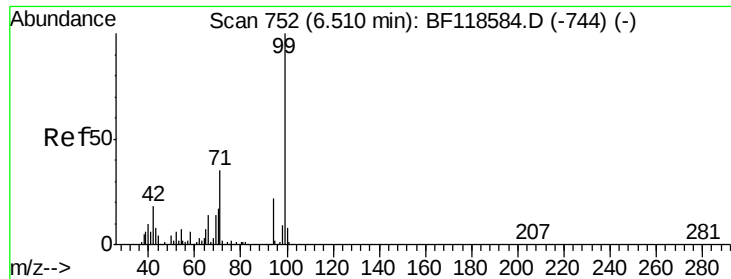
2-Fluorophenol
Concen: 147.744 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Tgt Ion:112 Resp: 2437203
Ion Ratio Lower Upper
112 100
64 57.1 42.4 63.6
63 30.3 21.7 32.5



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





#7

Phenol-d6

Concen: 140.220 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

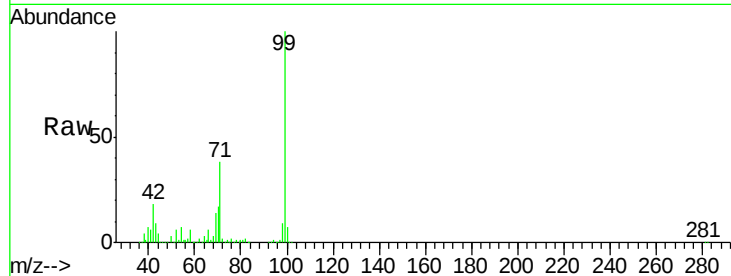
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3006425

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.1	19.7
71	37.5	28.4	42.6

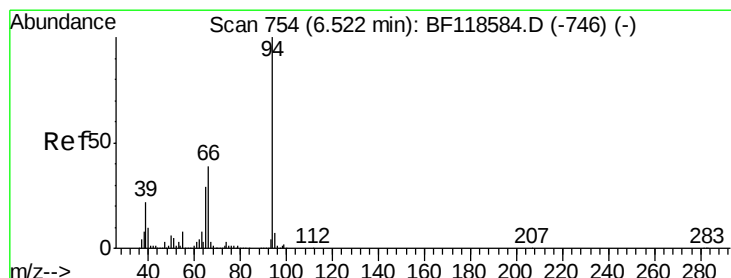
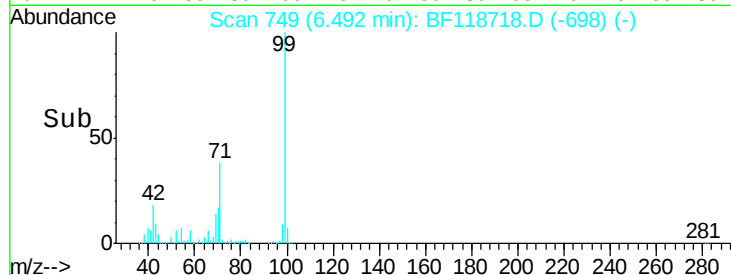
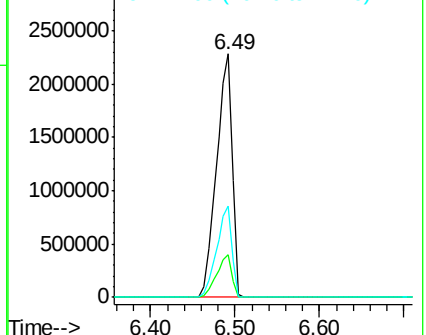


Abundance

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



#10

Phenol

Concen: 3.310 ng

RT: 6.50 min Scan# 751

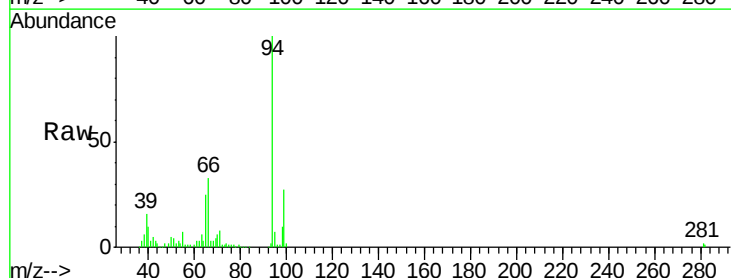
Delta R.T. -0.00 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

Tgt Ion: 94 Resp: 80880

Ion	Ratio	Lower	Upper
94	100		
65	24.8	7.9	47.9
66	33.4	19.1	59.1

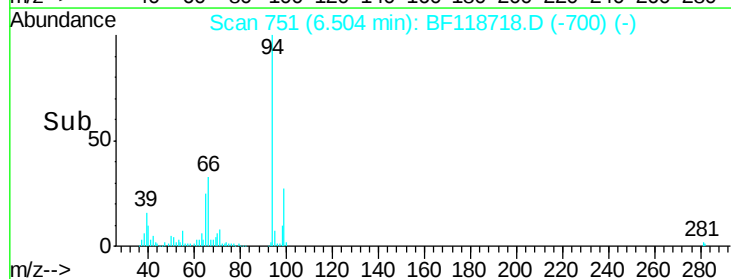
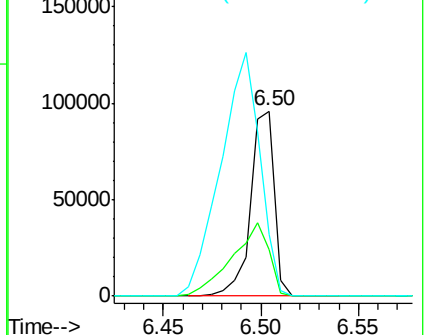


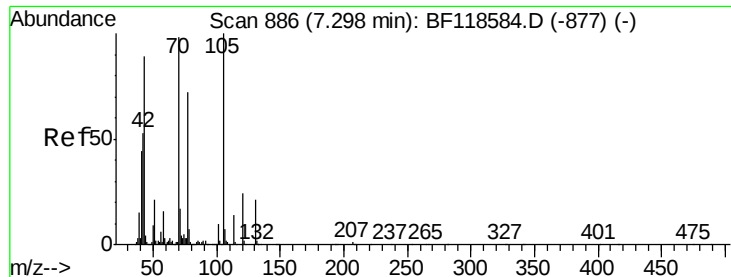
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.554 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

Instrument :

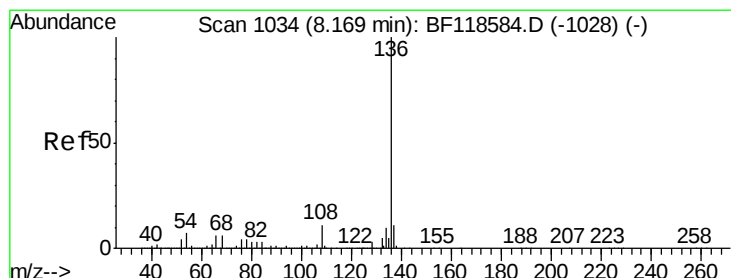
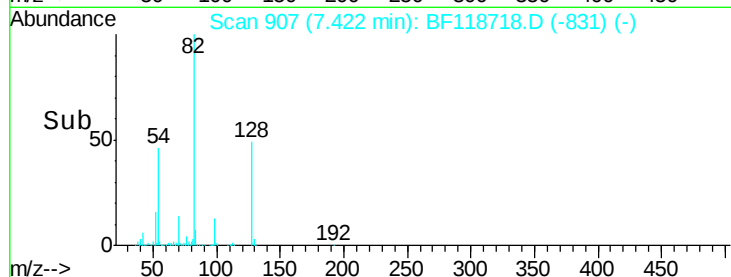
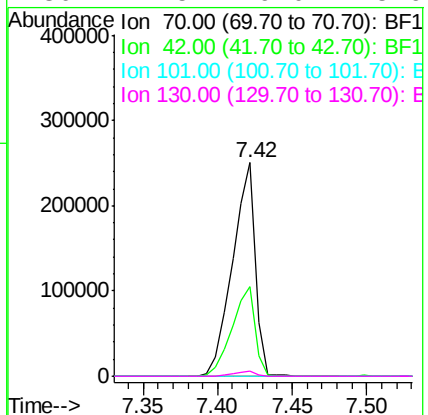
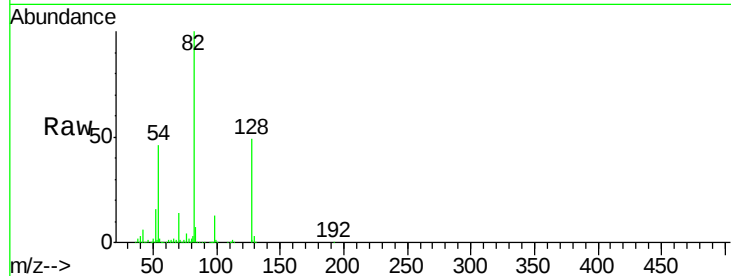
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 268613

Ion Ratio Lower Upper

70	100		
42	42.1	41.6	62.4
101	0.0	7.9	11.9#
130	2.5	19.0	28.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

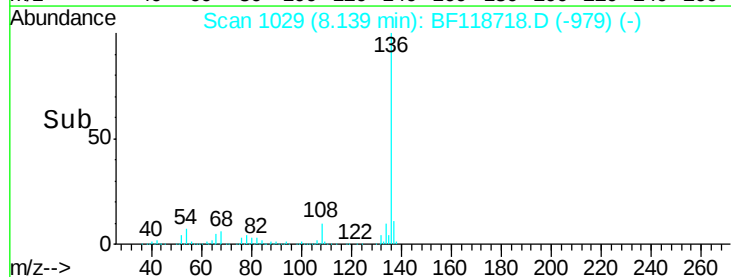
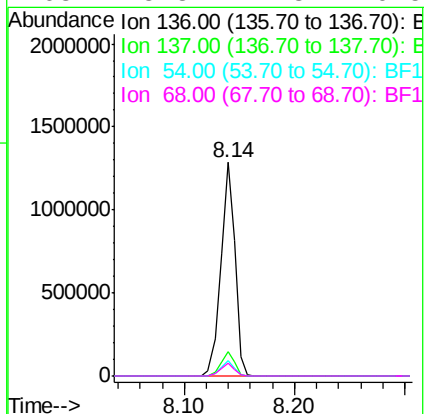
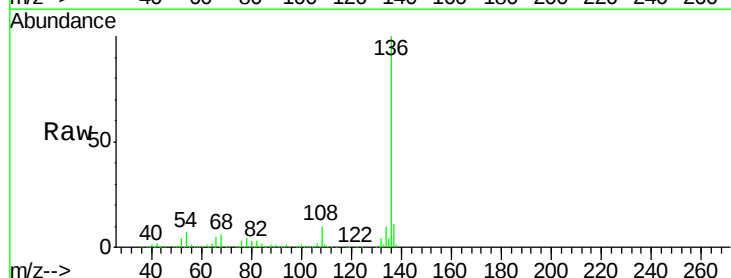
Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

Tgt Ion: 136 Resp: 1144968

Ion Ratio Lower Upper

136	100		
137	11.4	8.9	13.3
54	7.1	5.1	7.7
68	5.8	4.3	6.5





#23

Nitrobenzene-d5

Concen: 94.945 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

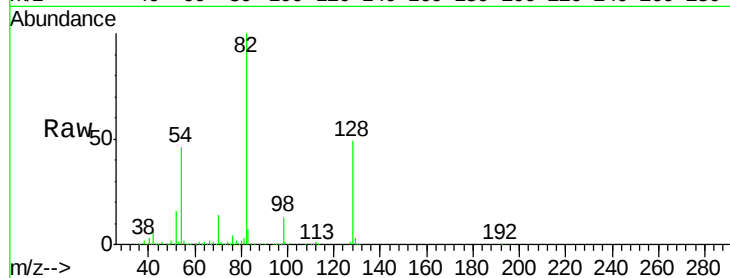
Tot Ion: 82 Resp: 1943515

Ion Ratio Lower Upper

82 100

128 49.4 38.2 57.2

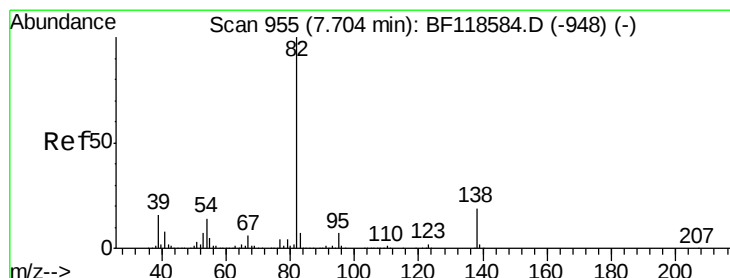
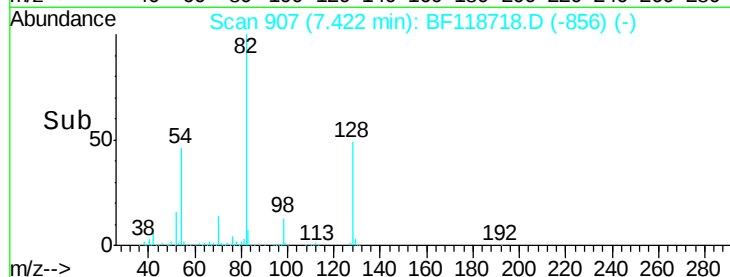
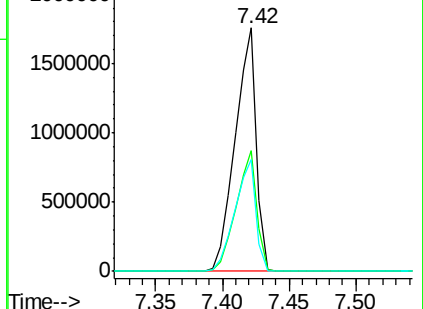
54 45.9 36.1 54.1



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



#25

Isophorone

Concen: 51.905 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

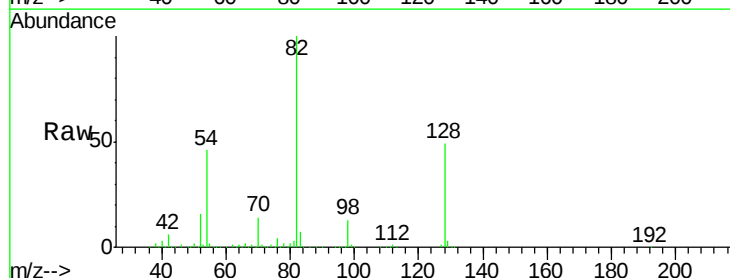
Tgt Ion: 82 Resp: 1937953

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

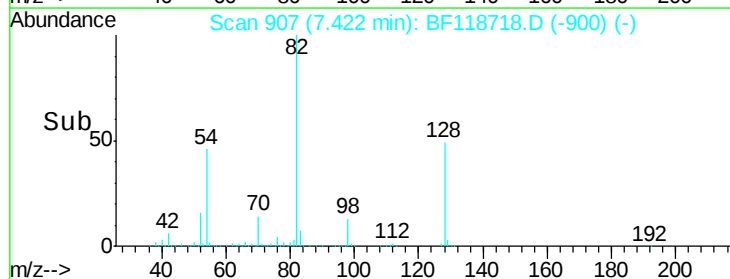
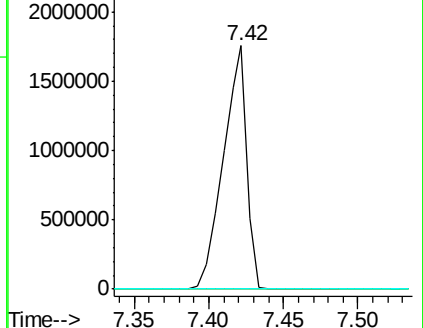
138 0.0 15.8 23.8#

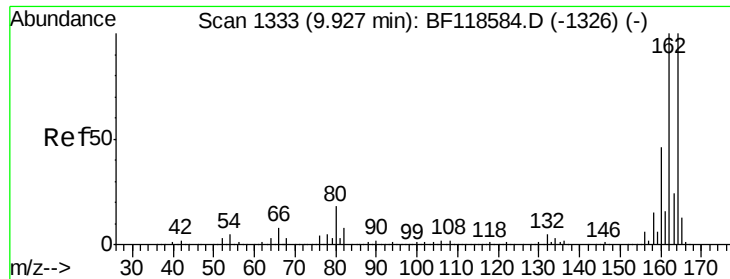


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

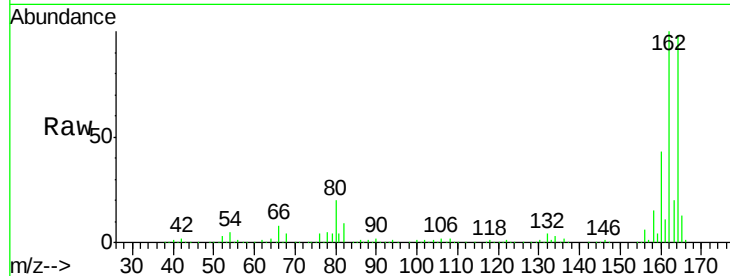




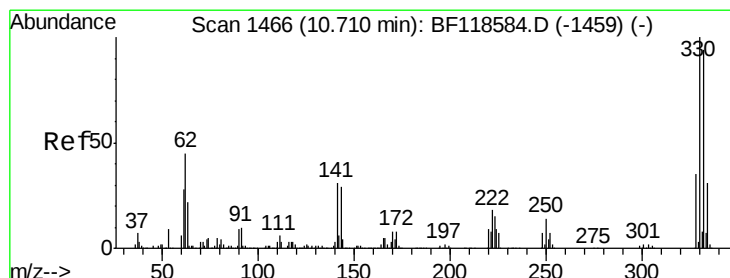
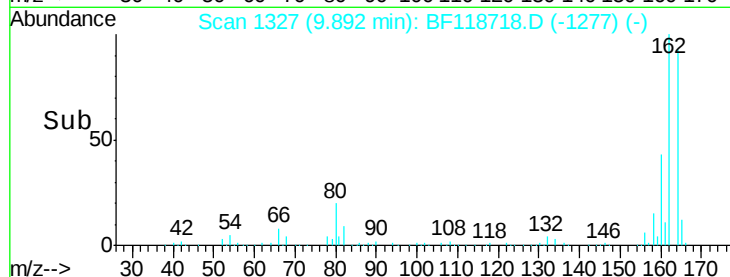
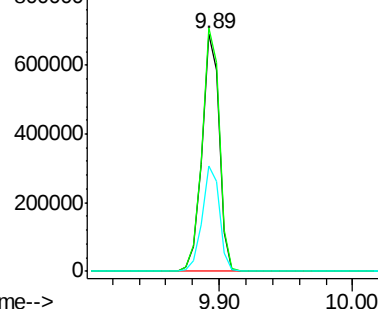
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 635195
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.4 35.4 53.0

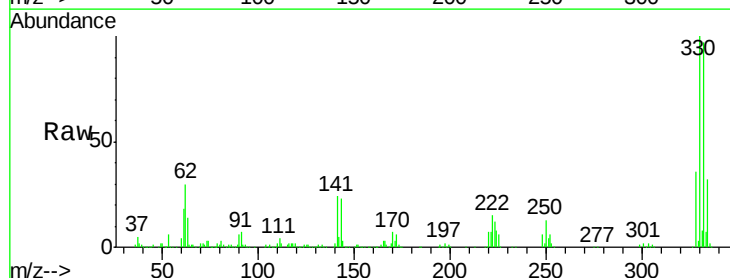


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

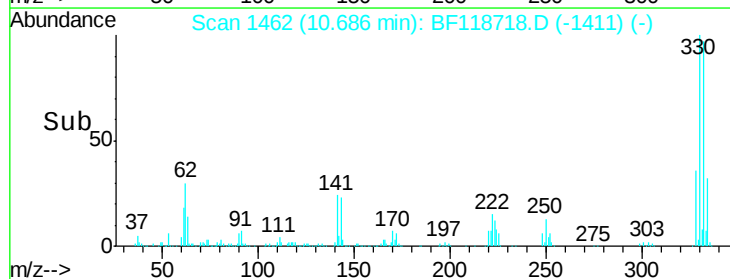
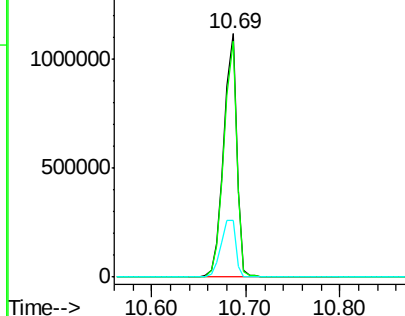


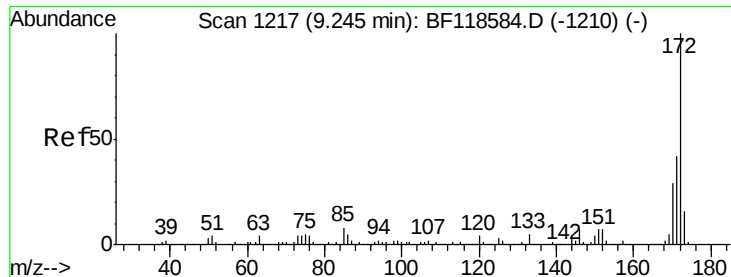
#42
2,4,6-Tribromophenol
Concen: 149.579 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Tgt Ion:330 Resp: 1098932
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 26.6 22.2 33.2



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

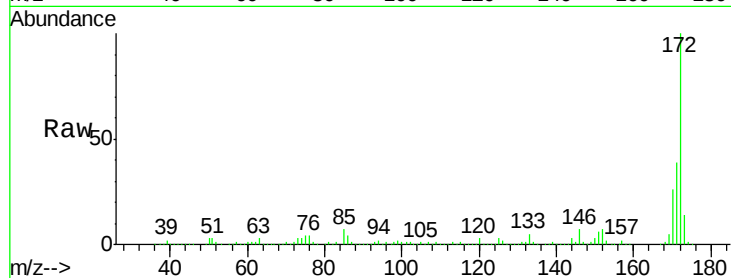




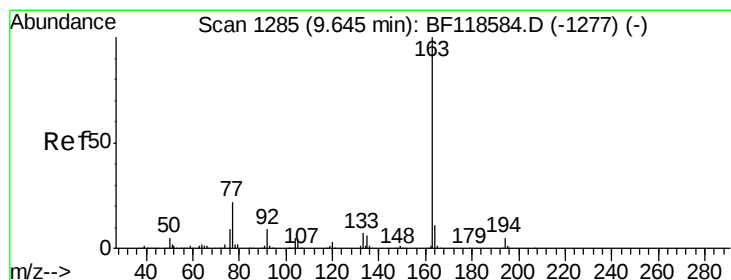
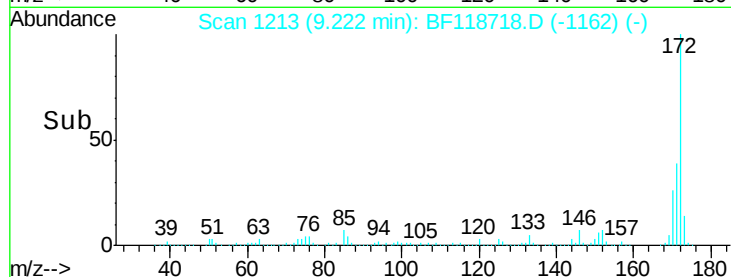
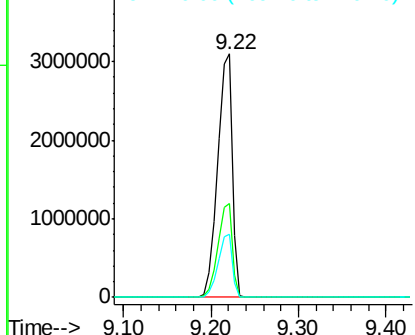
#45
2-Fluorobiphenyl
Concen: 93.759 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3623448
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.4
170 26.0 20.7 31.1

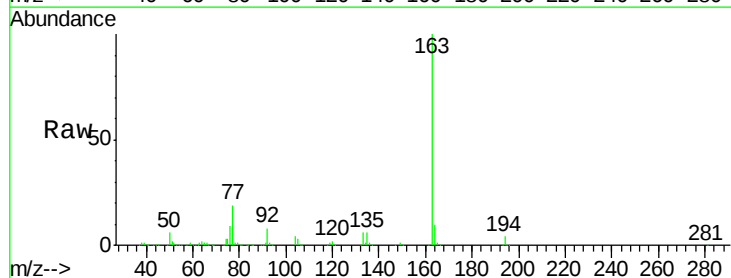


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

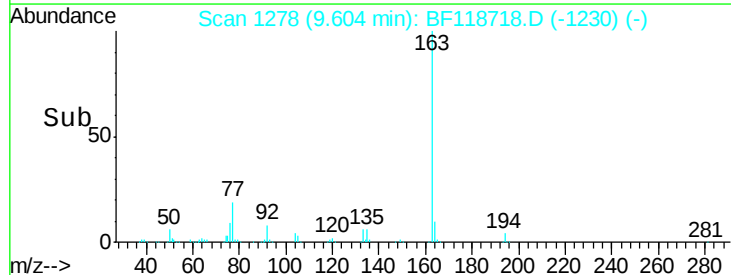
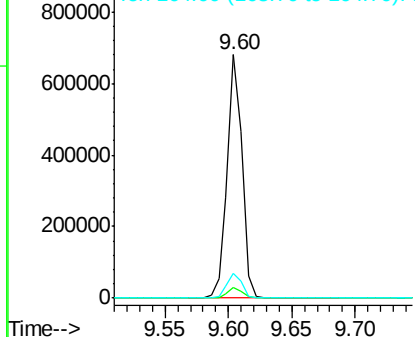


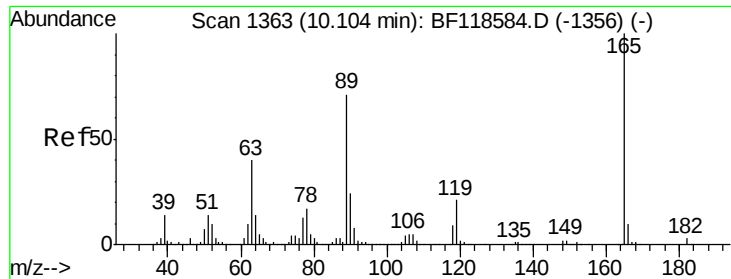
#50
Dimethylphthalate
Concen: 13.325 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Tgt Ion:163 Resp: 551431
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.3 8.2 12.2



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

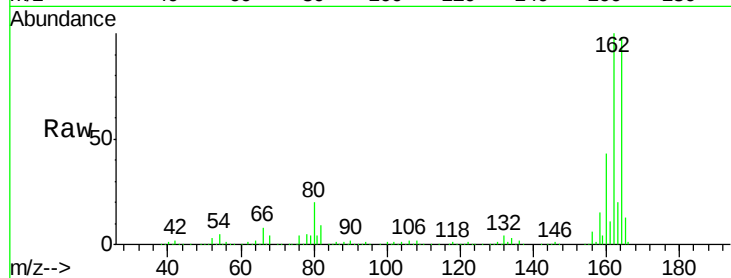




#57
 2,4-Dinitrotoluene
 Concen: 7.135 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF118718.D
 Acq: 27 Jan 2020 14:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.5	42.7#
89	1.2	50.4	75.6#
182	0.0	2.3	3.5#

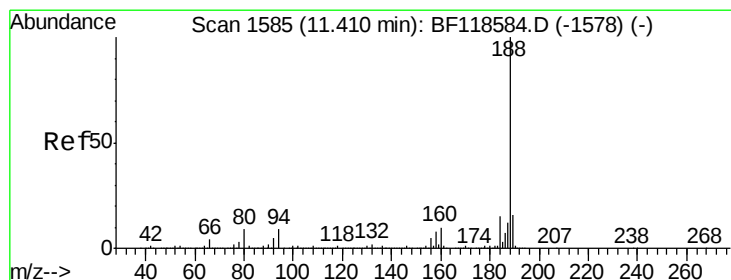
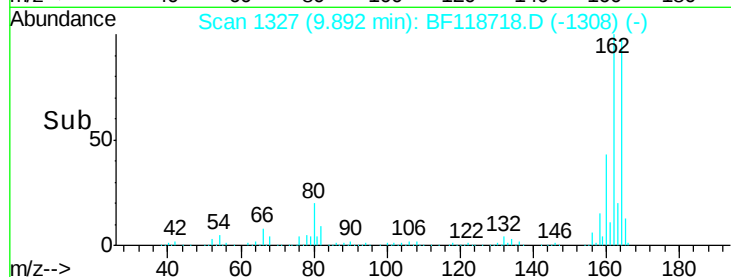
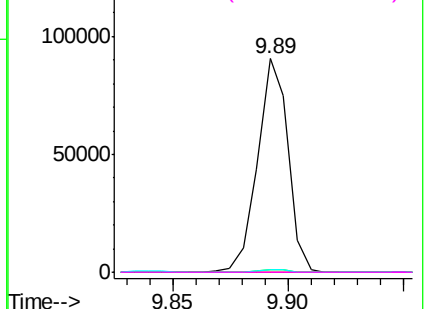


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

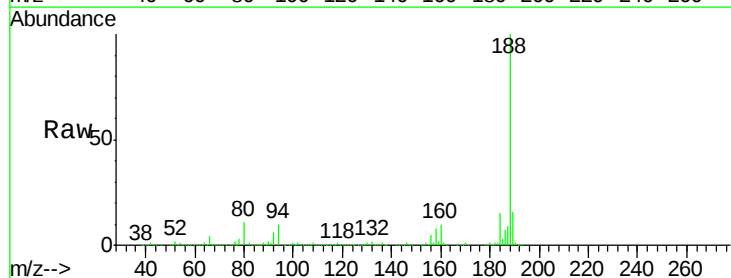
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF118718.D
 Acq: 27 Jan 2020 14:09

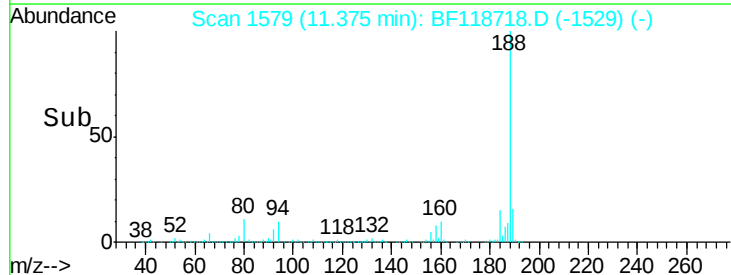
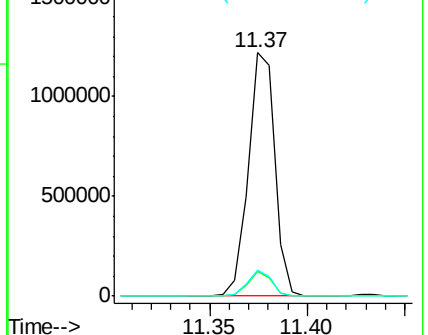
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.9	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

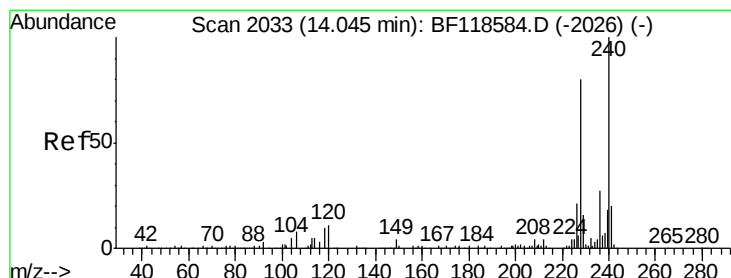
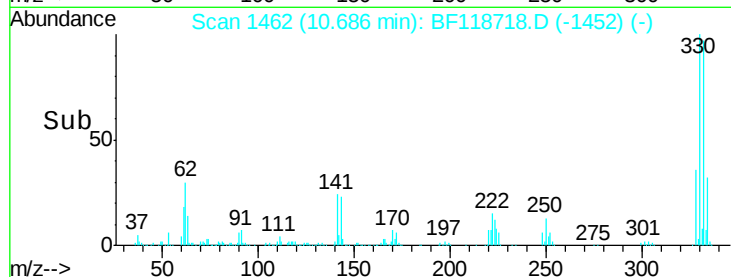
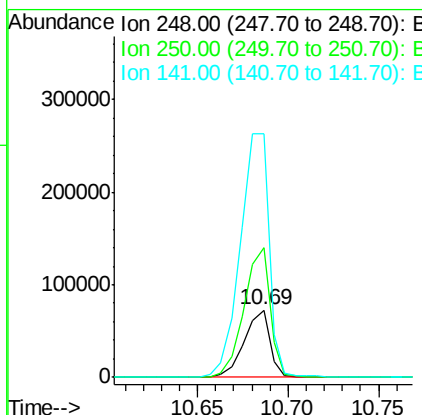
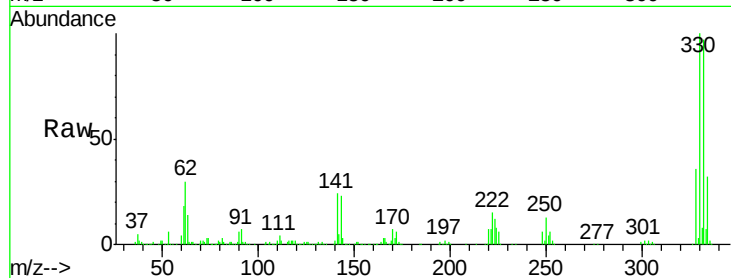




#67
4-Bromophenyl-phenylether
Concen: 5.037 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

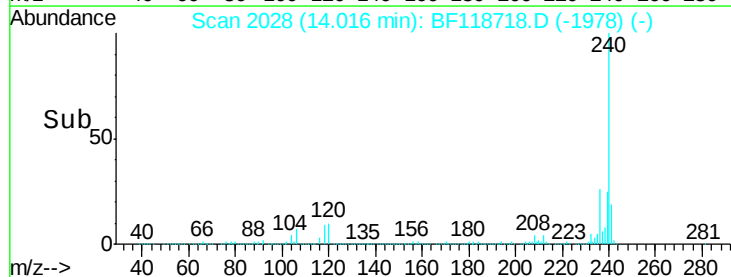
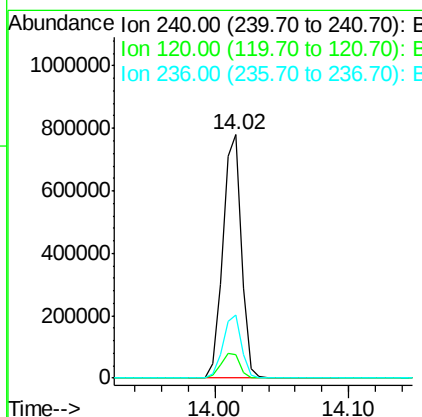
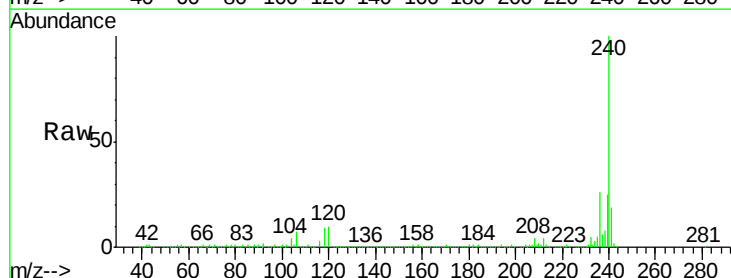
Instrument :
BNA_F
ClientSampleId :

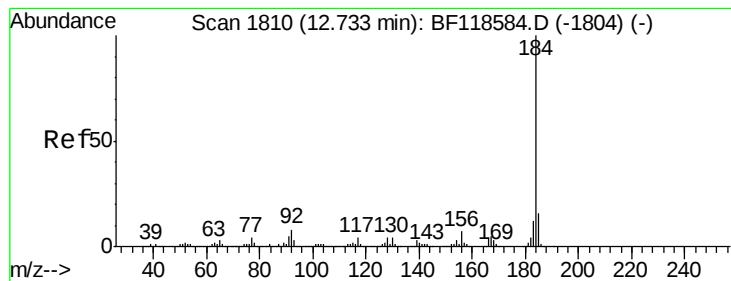
Tot Ion:248 Resp: 71317
Ion Ratio Lower Upper
248 100
250 193.7 78.7 118.1#
141 363.4 48.4 72.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Tgt Ion:240 Resp: 766711
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.9 21.0 31.4





#77

Benzidine

Concen: 2.785 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.26 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

Instrument :

BNA_F

ClientSampleId :

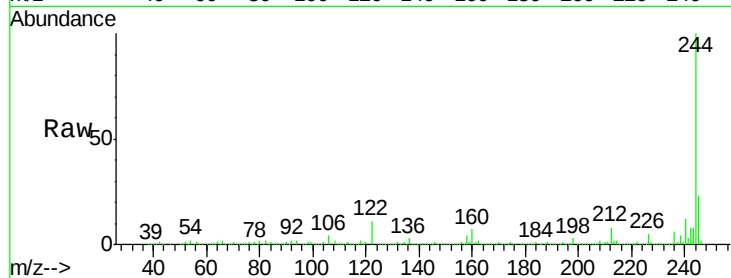
Tot Ion:184 Resp: 57063

Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.8

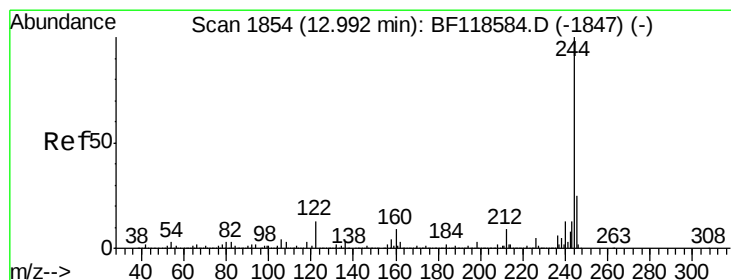
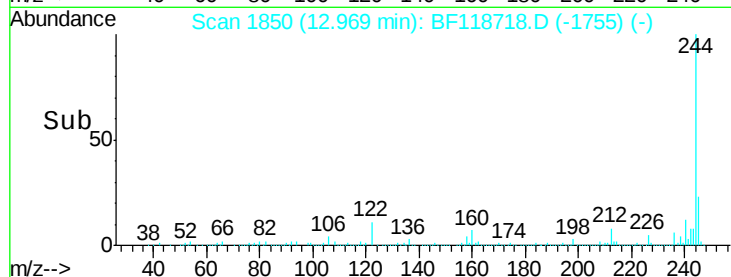
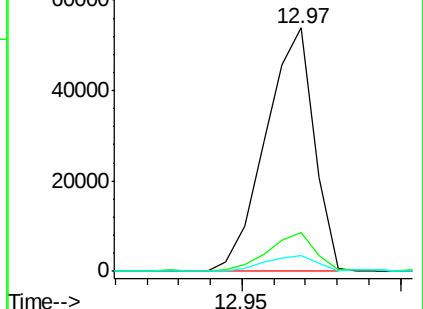
183 6.5 9.7 14.5#



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



#79

Terphenyl-d14

Concen: 118.674 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF118718.D

Acq: 27 Jan 2020 14:09

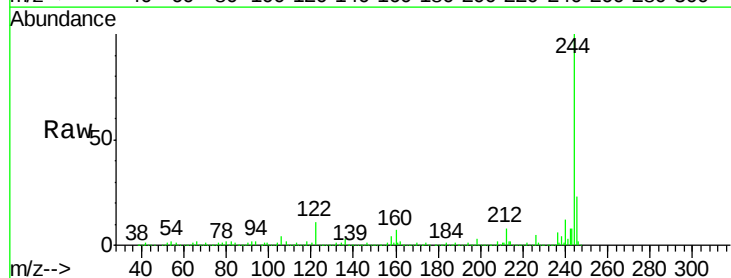
Tgt Ion:244 Resp: 4171710

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

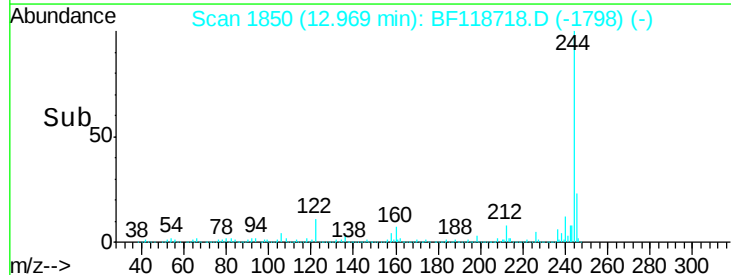
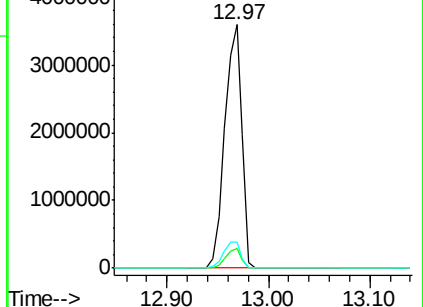
122 10.8 9.2 13.8

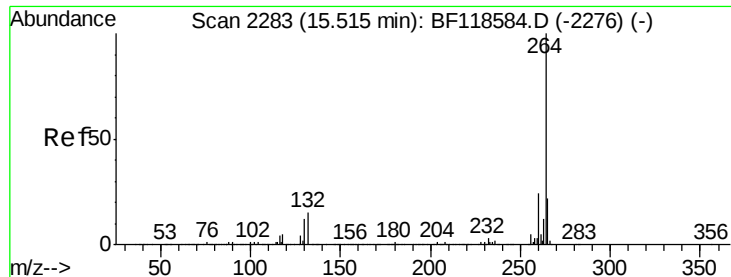


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

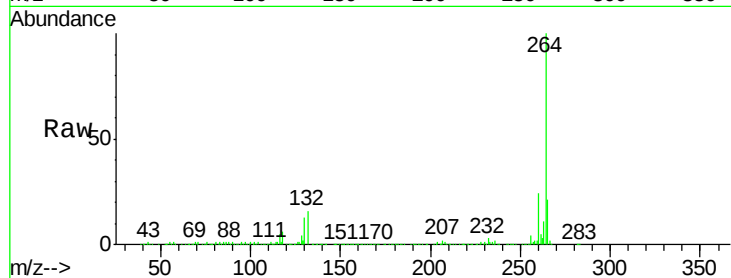




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF118718.D
Acq: 27 Jan 2020 14:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.0	25.6



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

