

Data File : BF118458.D
Acq On : 3 Jan 2020 13:41
Operator : JU
Sample : PB125821BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BL

Quant Time: Jan 04 00:03:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	86625	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	346733	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	172797	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	336432	20.00	ng	0.00
76) Chrysene-d12	14.05	240	227869	20.00	ng	0.00
87) Perylene-d12	15.53	264	192229	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	687553	135.49	ng	0.02
7) Phenol-d6	6.49	99	943240	149.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	549949	90.72	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	300629	140.88	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1075107	94.97	ng	-0.01
79) Terphenyl-d14	12.98	244	1490250	108.50	ng	0.00

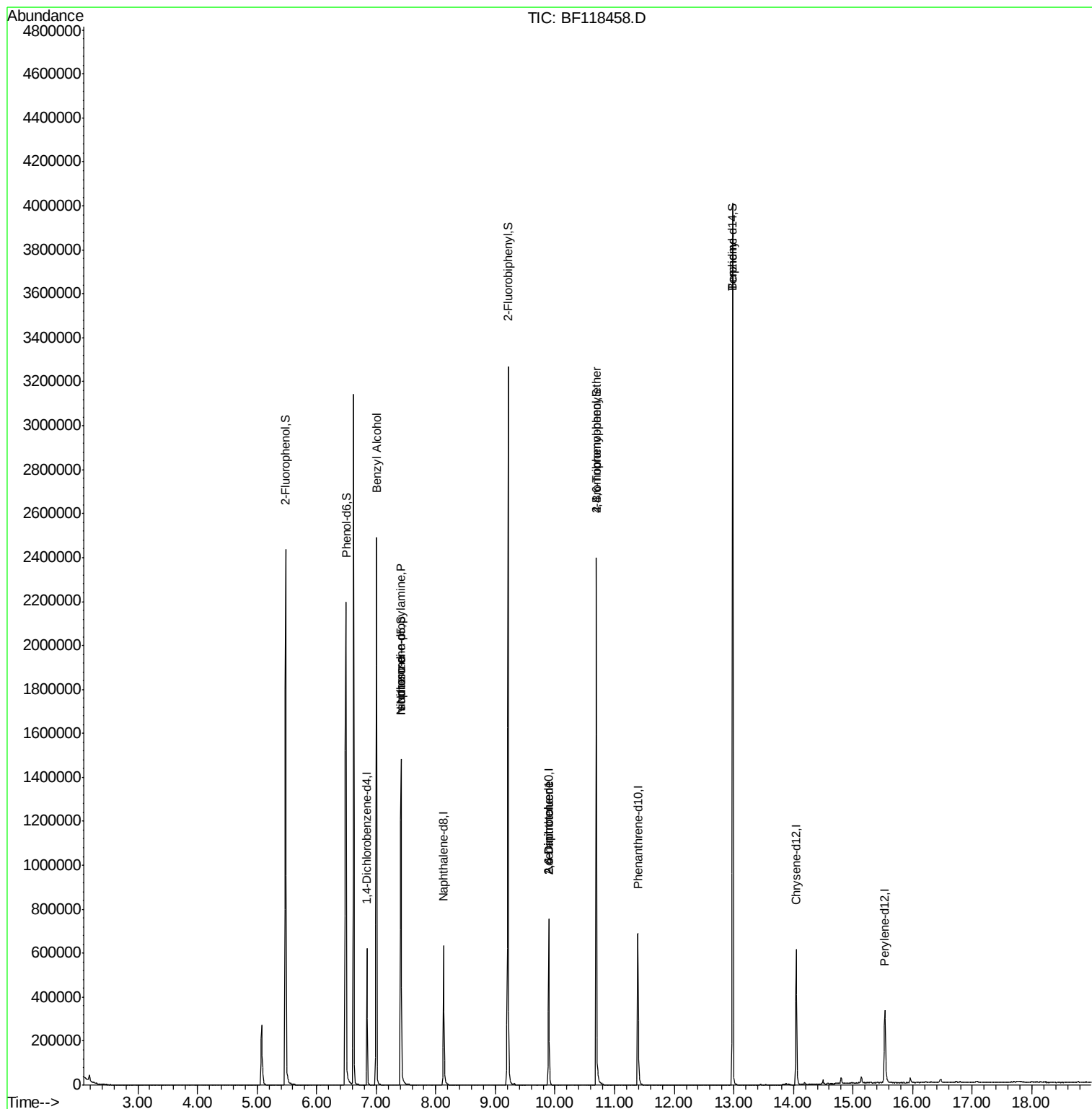
Target Compounds				Qvalue		
15) Benzyl Alcohol	7.00	79	9927	2.071	ng	# 51
19) n-Nitroso-di-n-propylamine	7.42	70	75397	19.441	ng	# 80
25) Isophorone	7.42	82	545429	51.625	ng	# 62
51) 2,6-Dinitrotoluene	9.89	165	22198	7.938	ng	# 27
57) 2,4-Dinitrotoluene	9.89	165	22198	5.941	ng	# 30
67) 4-Bromophenyl-phenylether	10.69	248	18536	4.708	ng	# 1
77) Benzydine	12.98	184	21176	3.392	ng	# 91

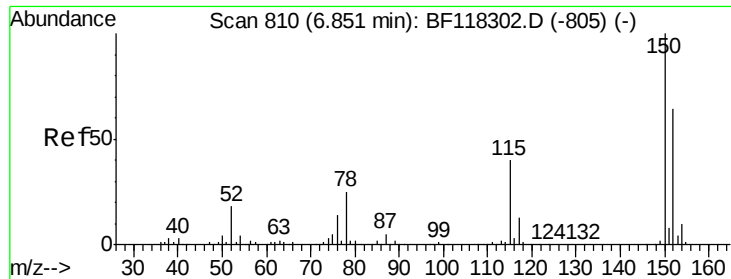
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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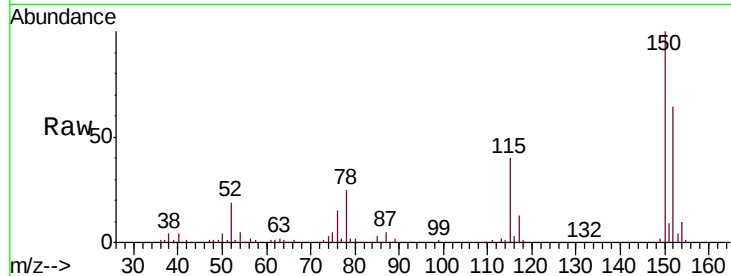




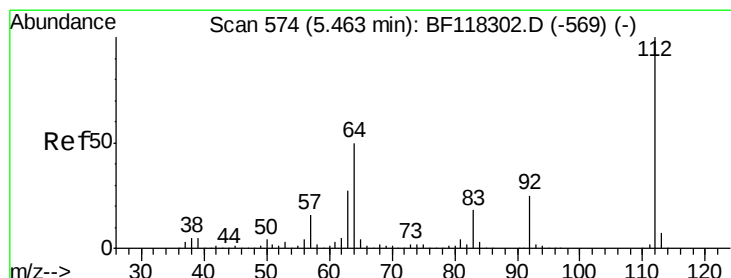
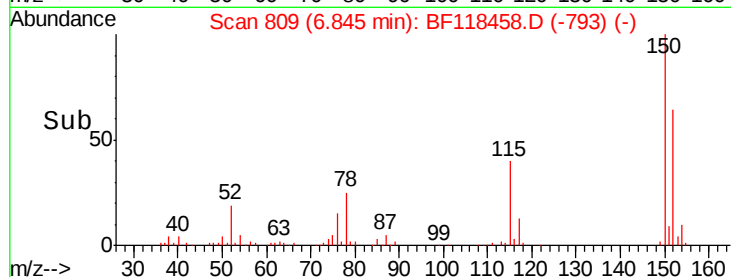
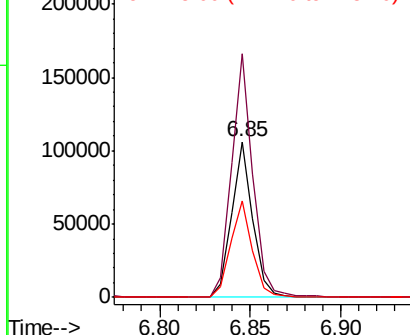
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BL

Tgt Ion:152 Resp: 86625
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.4 188.2
 115 62.3 50.2 75.4

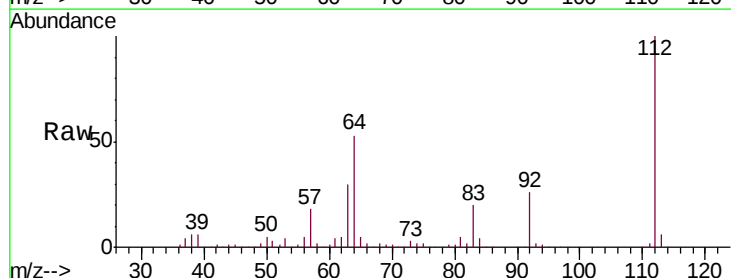


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

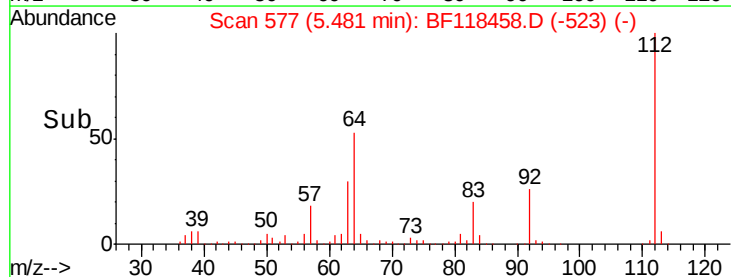
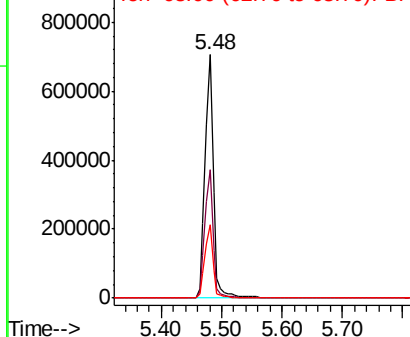


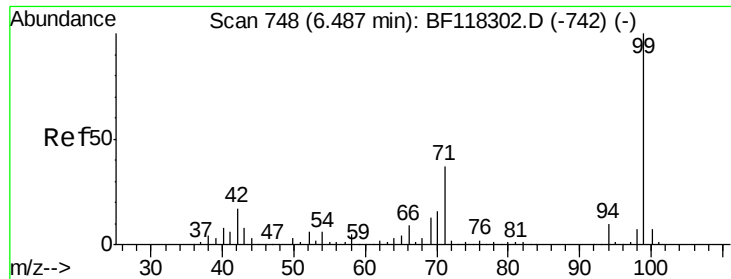
#5
 2-Fluorophenol
 Concen: 135.486 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.02 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Tgt Ion:112 Resp: 687553
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.7 59.5
 63 30.2 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: 149.832 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118458.D

Acq: 3 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

PB125821BL

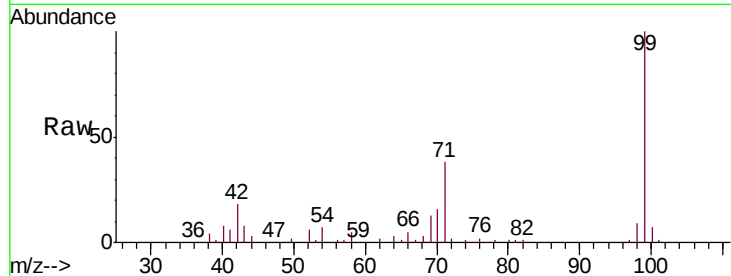
Tgt Ion: 99 Resp: 943240

Ion Ratio Lower Upper

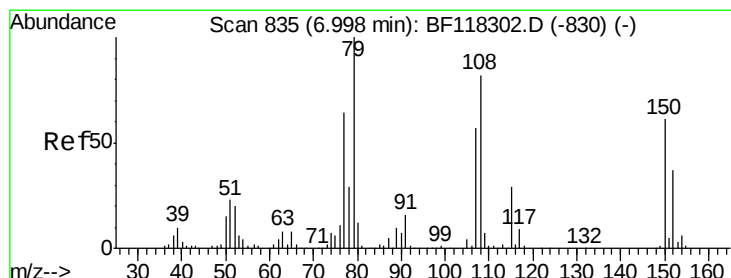
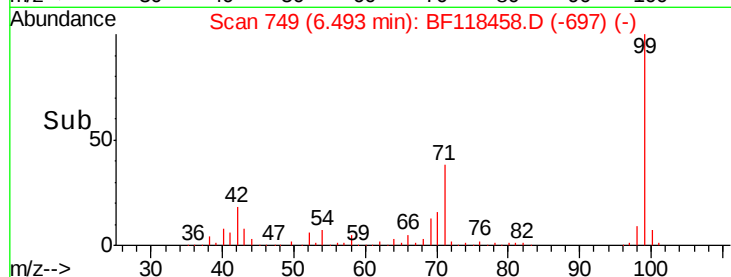
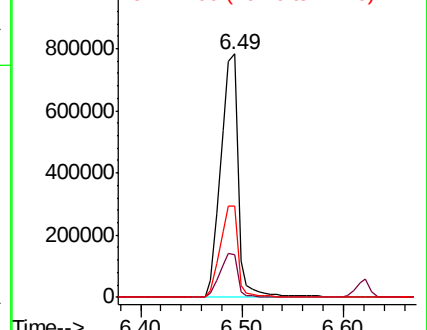
99 100

42 17.6 13.5 20.3

71 37.7 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.071 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118458.D

Acq: 3 Jan 2020 13:41

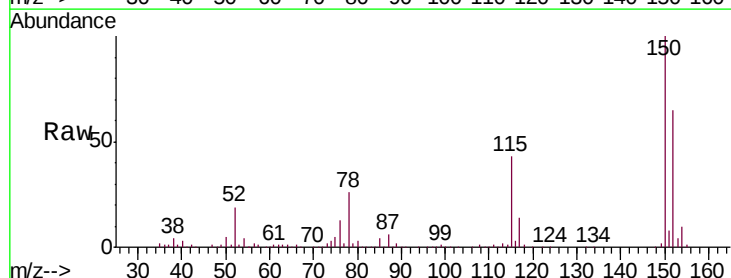
Tgt Ion: 79 Resp: 9927

Ion Ratio Lower Upper

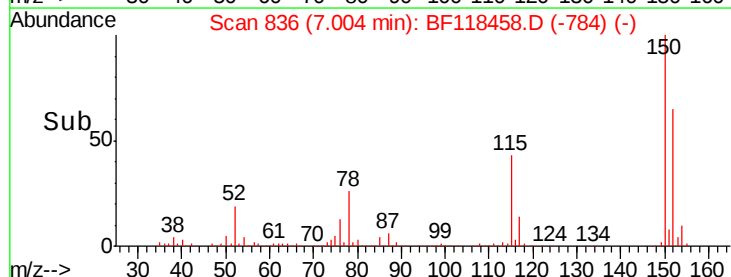
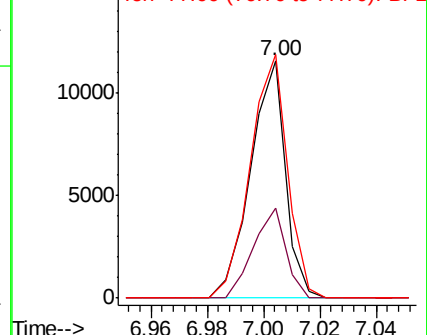
79 100

108 37.9 65.4 98.0#

77 102.4 51.4 77.0#



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

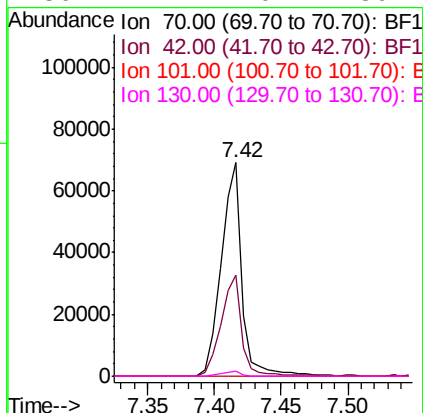
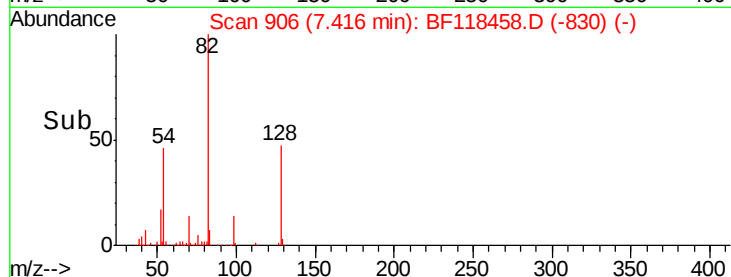
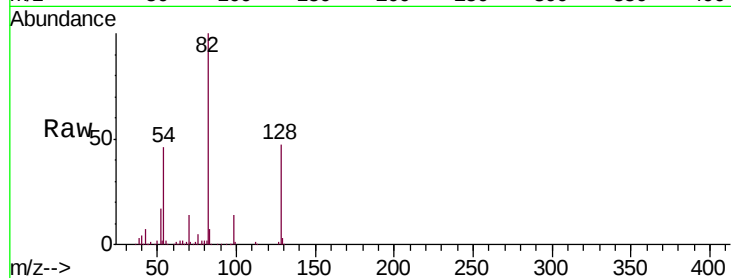




#19
n-Nitroso-di-n-propylamine
Concen: 19.441 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

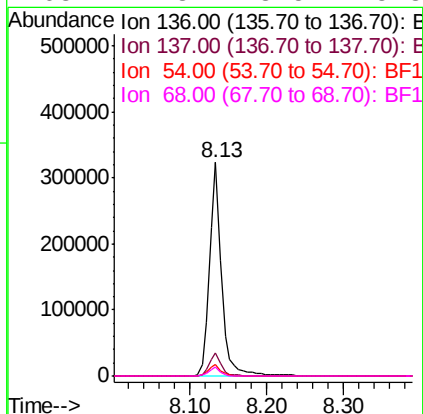
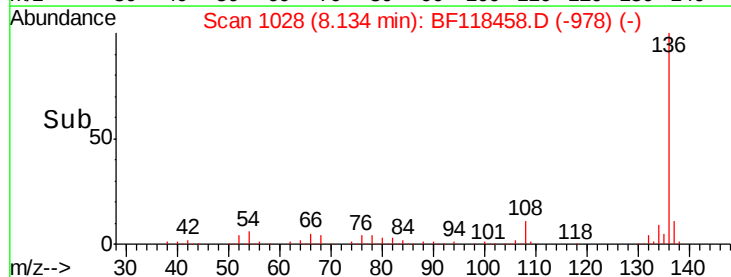
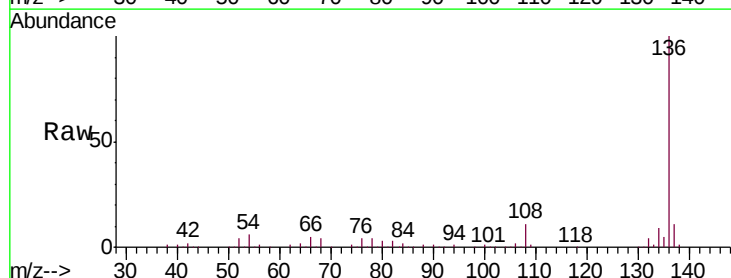
Instrument :
BNA_F
ClientSampled :
PB125821BL

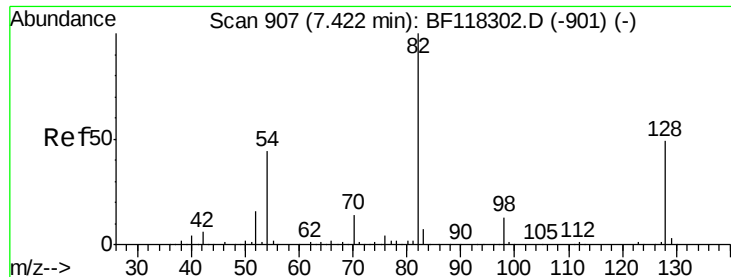
Tgt Ion: 70 Resp: 75397
Ion Ratio Lower Upper
70 100
42 47.4 41.1 61.7
101 0.0 8.3 12.5#
130 2.4 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

Tgt Ion: 136 Resp: 346733
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.7 4.2 6.4
68 4.3 3.5 5.3

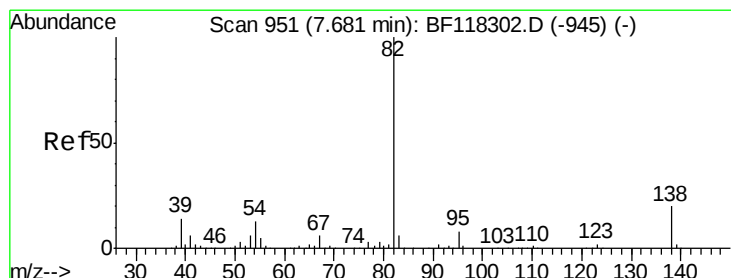
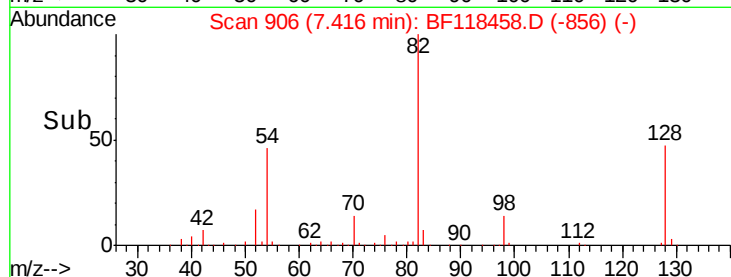
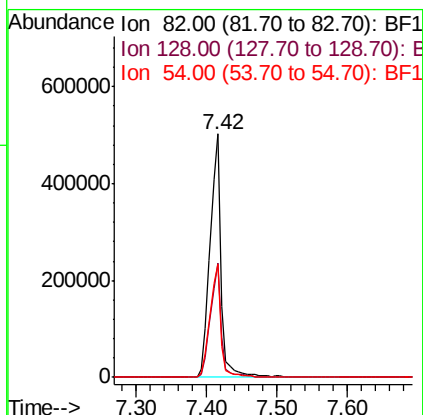
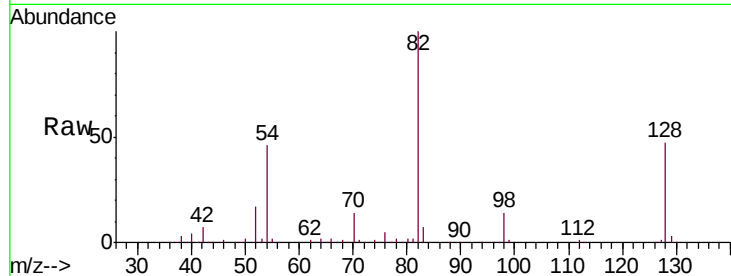




#23
Nitrobenzene-d5
Concen: 90.716 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

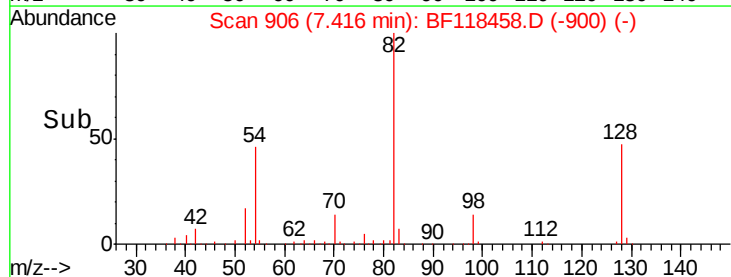
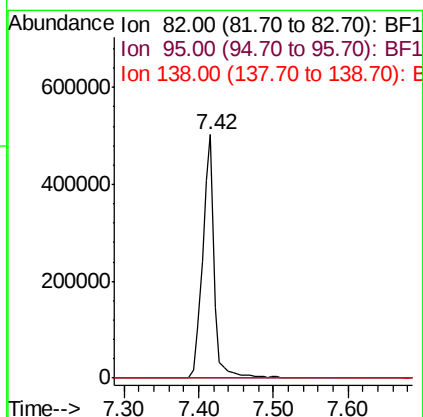
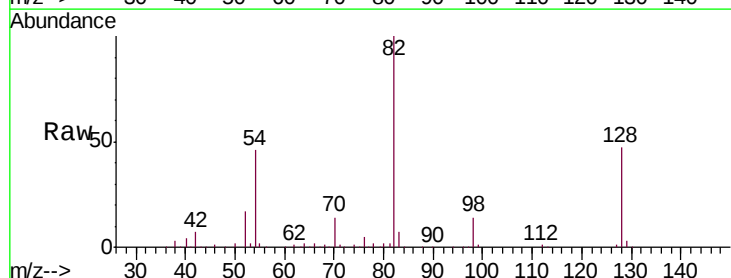
Instrument :
BNA_F
ClientSampleId :
PB125821BL

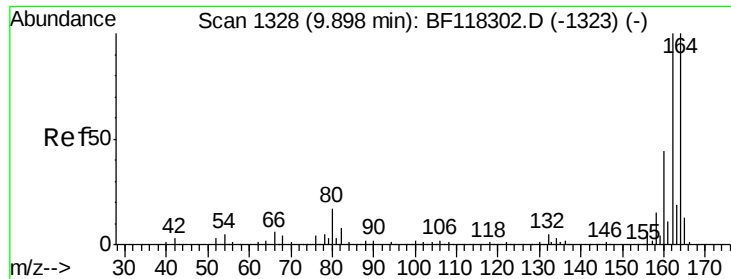
Tgt Ion: 82 Resp: 549949
Ion Ratio Lower Upper
82 100
128 47.1 39.6 59.4
54 46.5 34.9 52.3



#25
Isophorone
Concen: 51.625 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

Tgt Ion: 82 Resp: 545429
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.2 24.2#

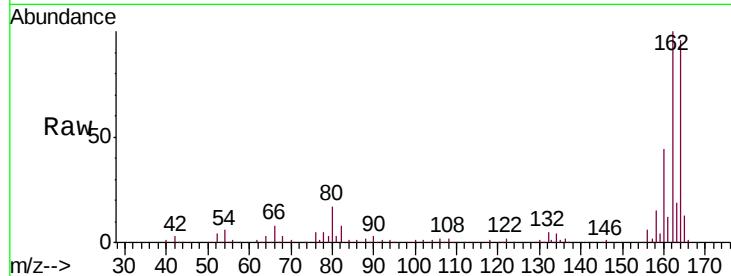




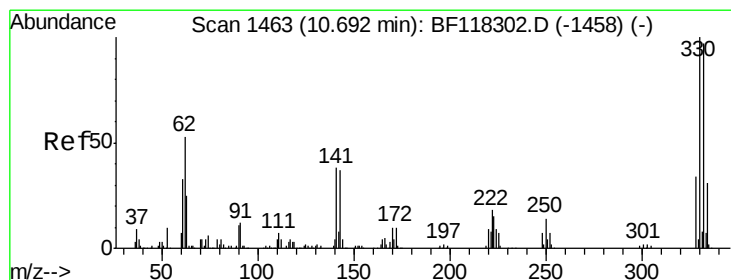
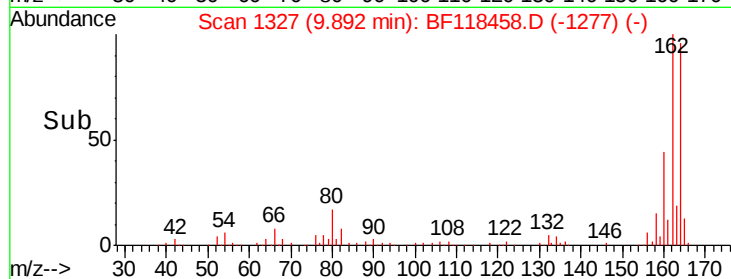
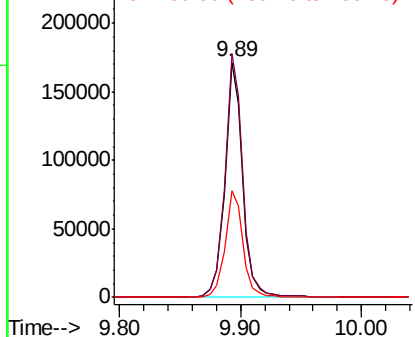
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :
PB125821BL

Tgt Ion:164 Resp: 172797
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 45.3 34.8 52.2

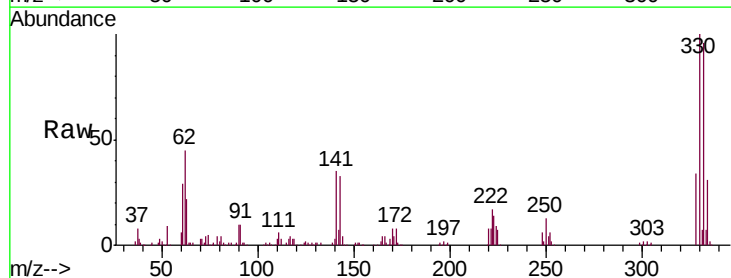


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

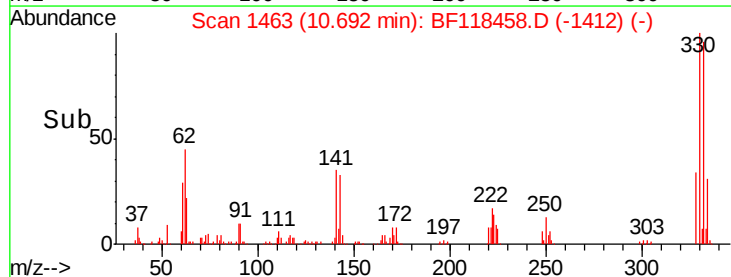
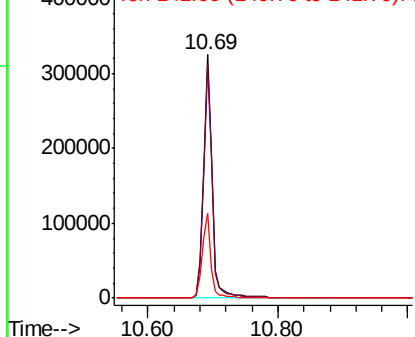


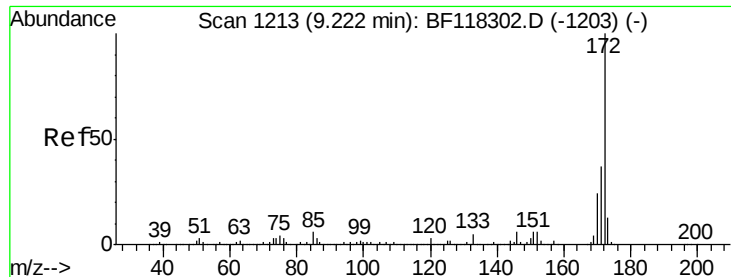
#42
2,4,6-Tribromophenol
Concen: 140.881 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

Tgt Ion:330 Resp: 300629
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 34.8 26.0 39.0



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

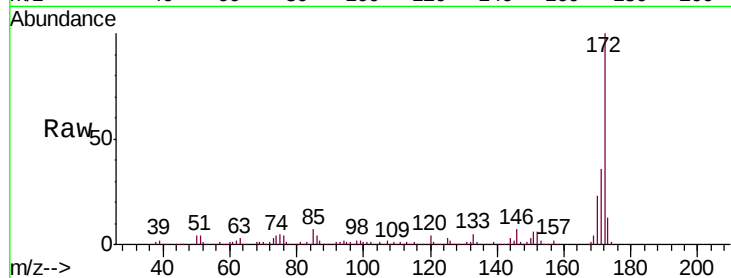




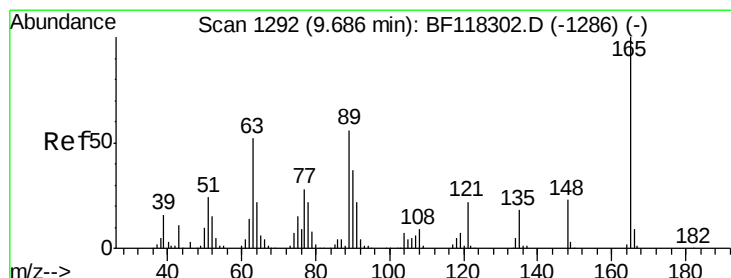
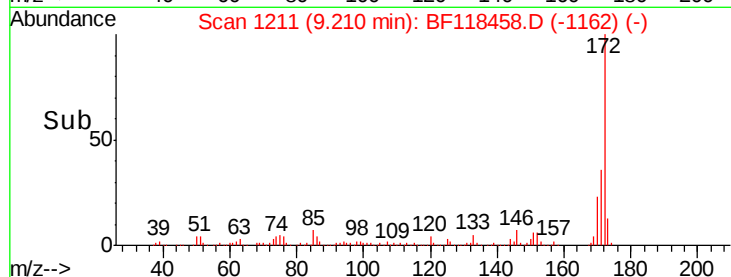
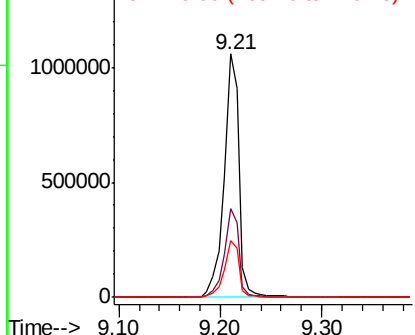
#45
 2-Fluorobiphenyl
 Concen: 94.974 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BL

Tgt Ion:172 Resp: 1075107
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 23.4 19.2 28.8

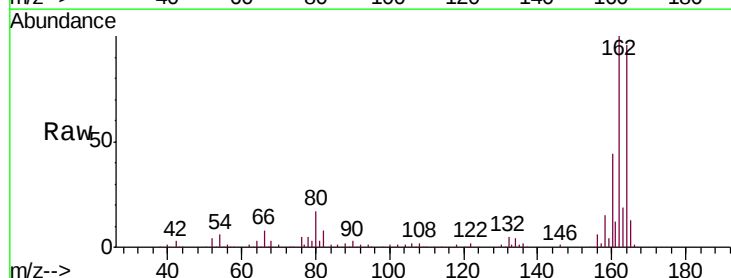


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

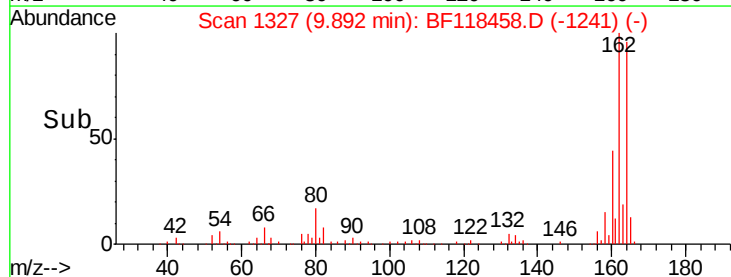
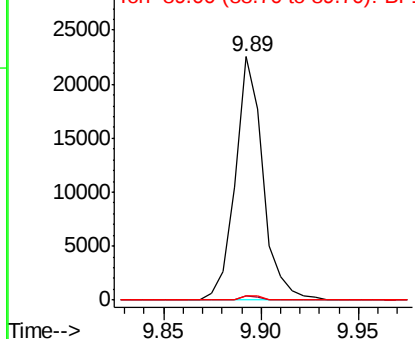


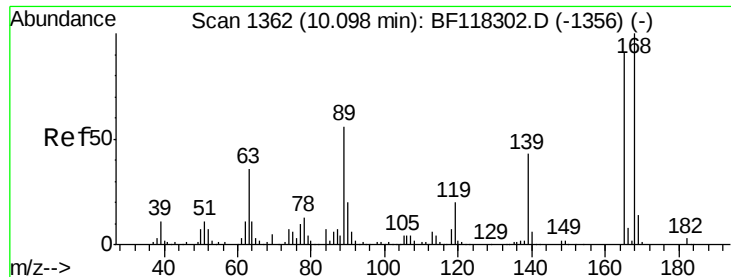
#51
 2,6-Dinitrotoluene
 Concen: 7.938 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Tgt Ion:165 Resp: 22198
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.2 63.4#
 89 1.8 44.4 66.6#



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

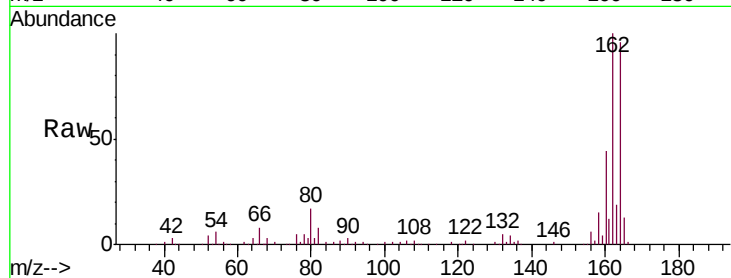




#57
 2,4-Dinitrotoluene
 Concen: 5.941 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.0	48.0#
89	1.8	49.3	73.9#
182	0.0	2.4	3.6#

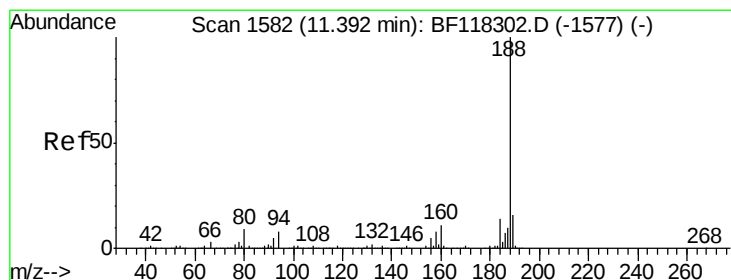
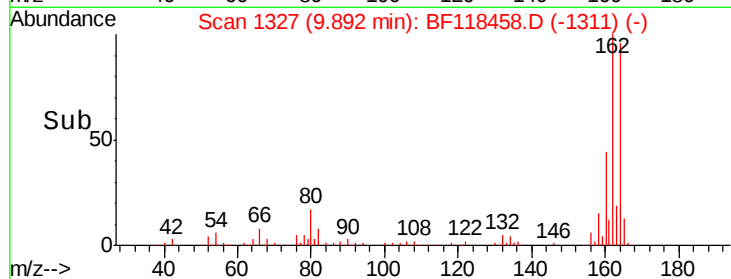
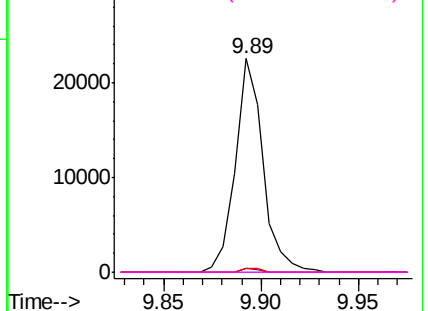


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

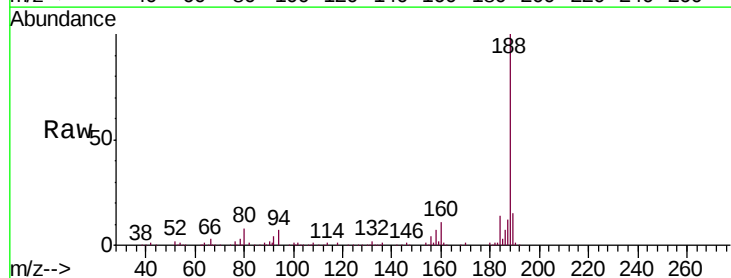
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

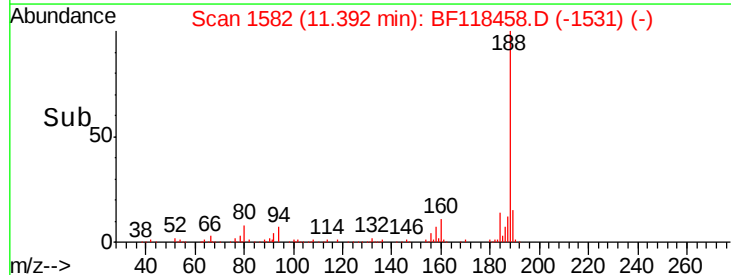
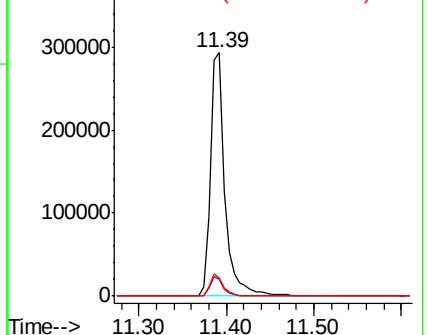
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.7	10.1
80	7.5	7.2	10.8

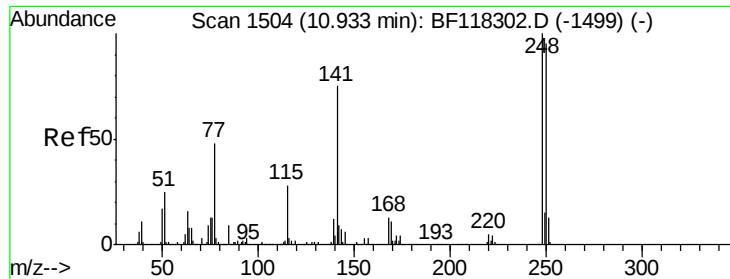


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

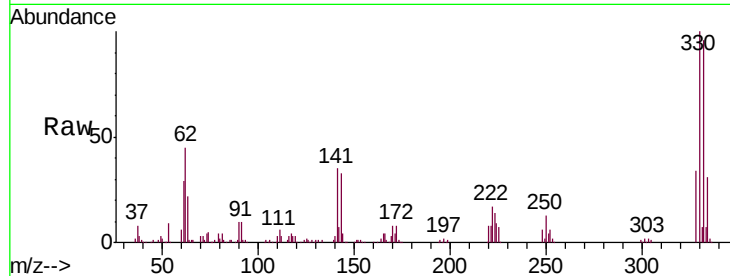




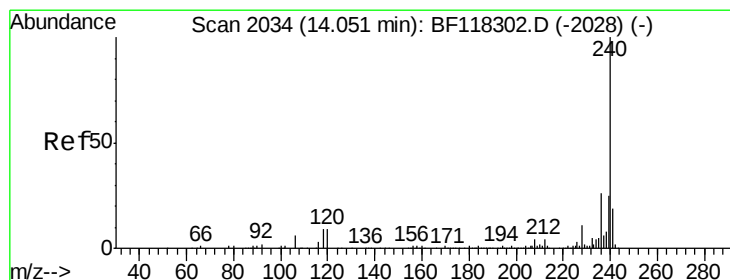
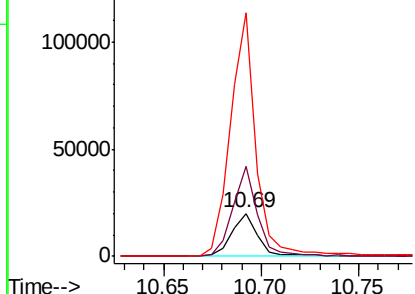
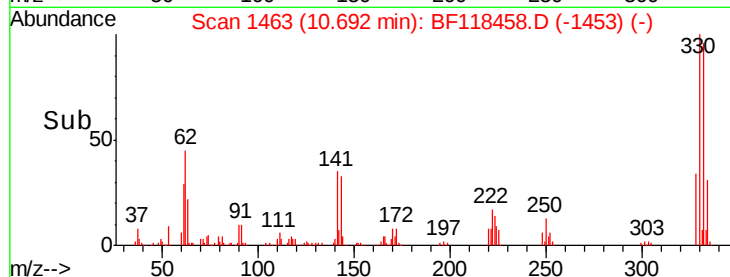
#67
 4-Bromophenyl-phenylether
 Concen: 4.708 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BL

Tgt Ion:248 Resp: 18536
 Ion Ratio Lower Upper
 248 100
 250 208.6 76.4 114.6#
 141 565.6 60.2 90.2#

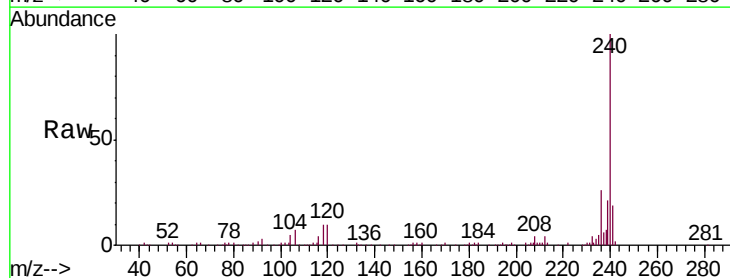


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

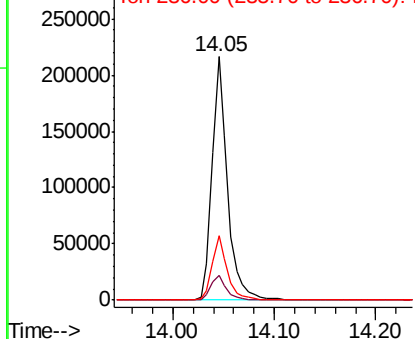
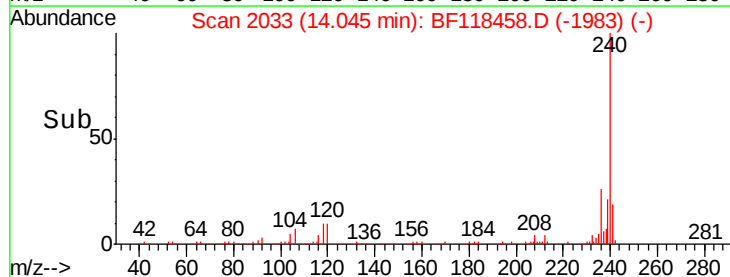


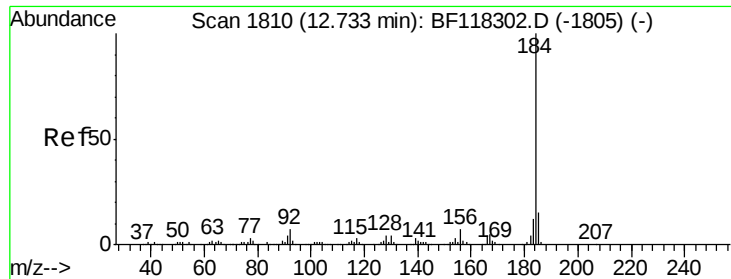
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118458.D
 Acq: 3 Jan 2020 13:41

Tgt Ion:240 Resp: 227869
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 26.3 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: 3.392 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.25 min

Lab File: BF118458.D

Acq: 3 Jan 2020 13:41

Instrument :

BNA_F

ClientSampleId :

PB125821BL

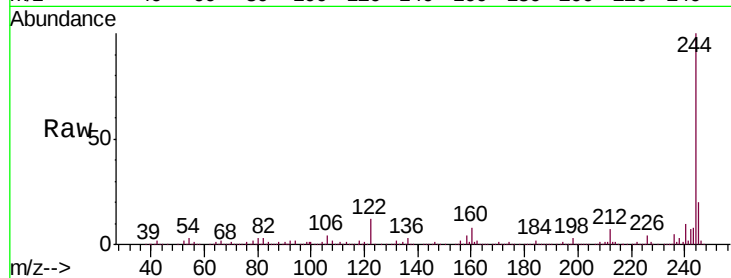
Tgt Ion:184 Resp: 21176

Ion Ratio Lower Upper

184 100

185 17.6 12.3 18.5

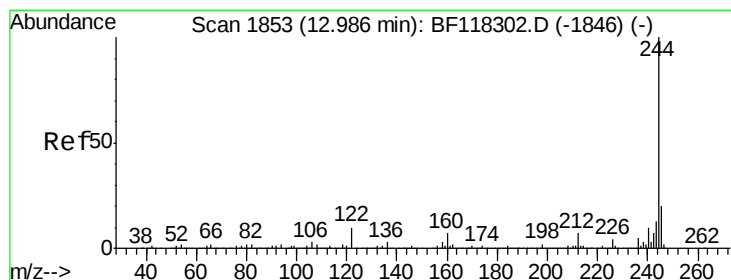
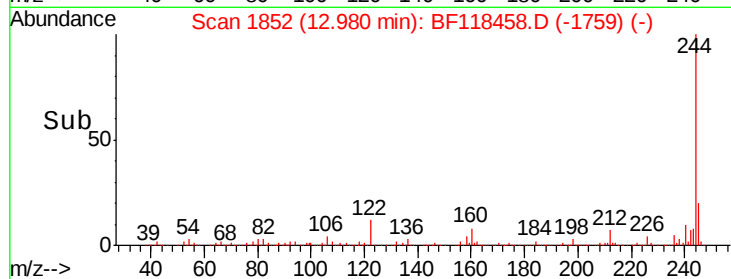
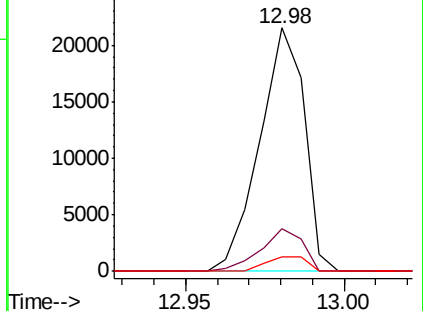
183 6.0 9.4 14.2#



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: 108.500 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118458.D

Acq: 3 Jan 2020 13:41

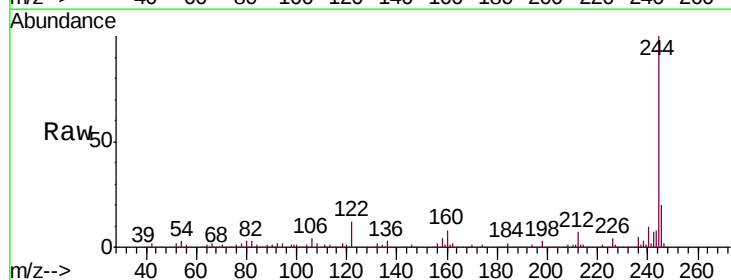
Tgt Ion:244 Resp: 1490250

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

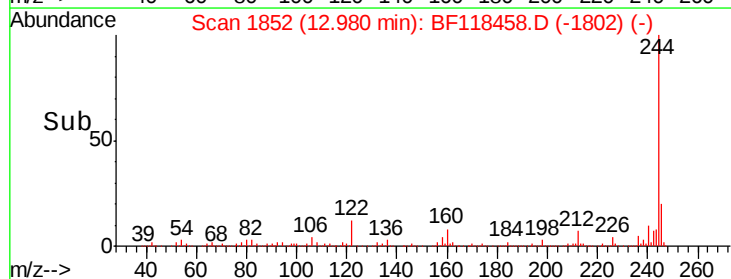
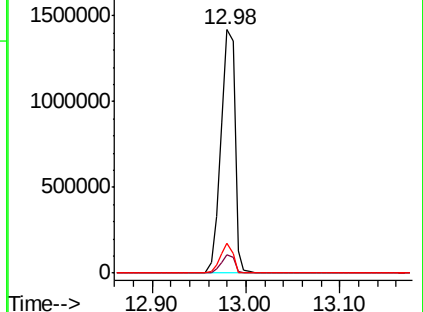
122 12.3 7.8 11.8#

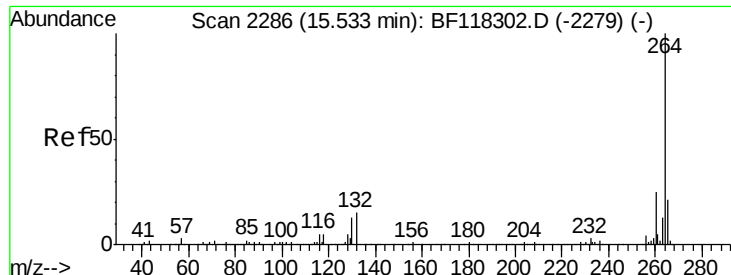


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118458.D
Acq: 3 Jan 2020 13:41

Instrument :
BNA_F
ClientSampleId :
PB125821BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.4	17.0	25.4

