

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119922.D
 Acq On : 13 Apr 2020 18:35
 Operator : MA/SJ
 Sample : L2225-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:42:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

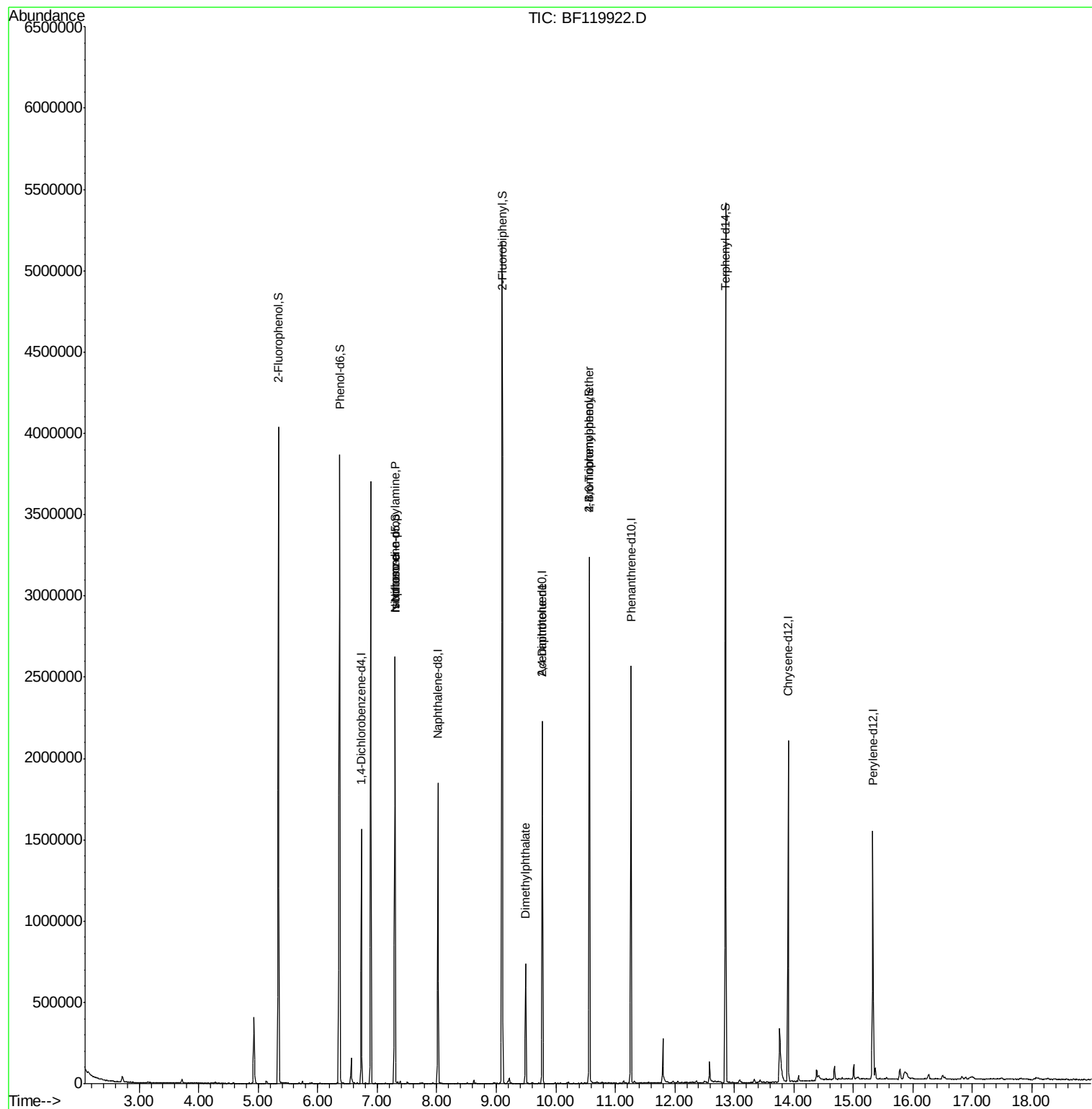
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	217066	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	844128	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	443776	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	885009	20.00	ng	0.00
76) Chrysene-d12	13.90	240	729840	20.00	ng	0.00
87) Perylene-d12	15.33	264	708587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1069244	85.13	ng	0.00
7) Phenol-d6	6.37	99	1362198	84.17	ng	-0.01
23) Nitrobenzene-d5	7.30	82	852298	52.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	430149	79.17	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1655596	52.97	ng	-0.01
79) Terphenyl-d14	12.86	244	2077365	47.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	1914	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	109368	10.509	ng	# 1
25) Isophorone	7.30	82	848262	26.968	ng	# 79
50) Dimethylphthalate	9.49	163	285919	8.330	ng	# 65
57) 2,4-Dinitrotoluene	9.77	165	58716	5.929	ng	# 98
67) 4-Bromophenyl-phenylether	10.57	248	26350	2.394	ng	# 23
						# 1

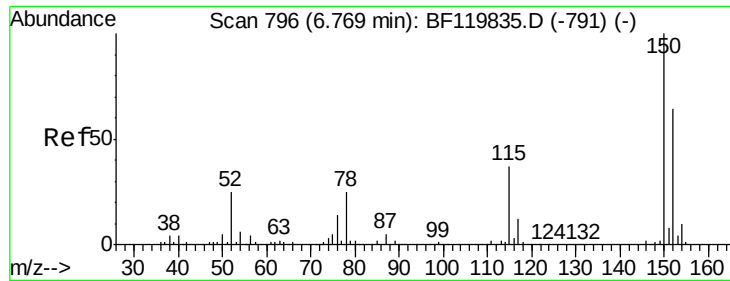
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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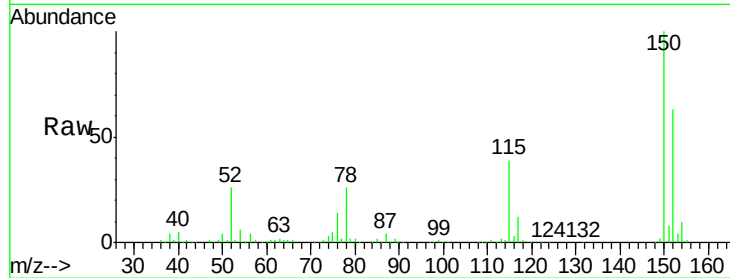


#1

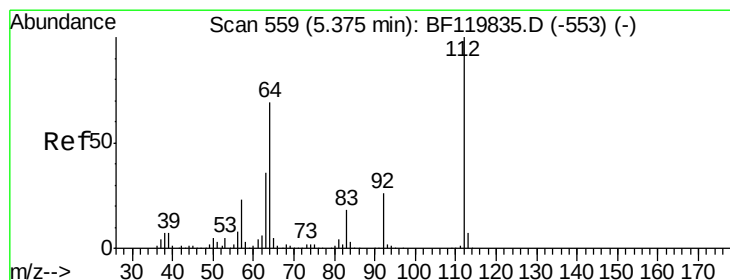
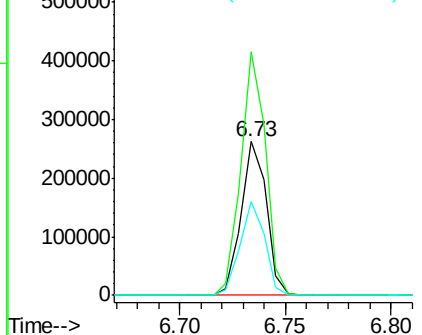
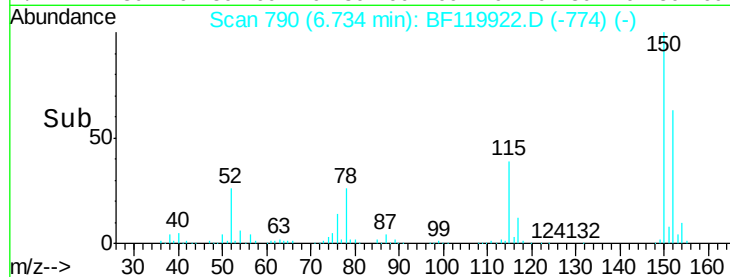
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 217066
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 61.3 46.5 69.7



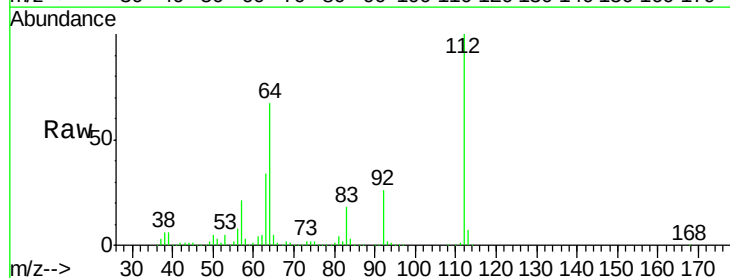
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



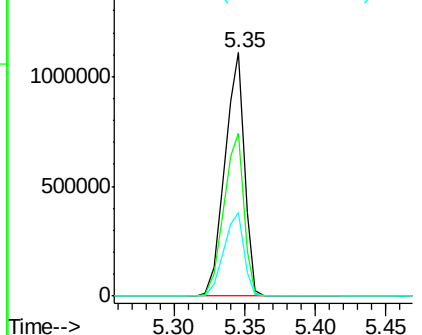
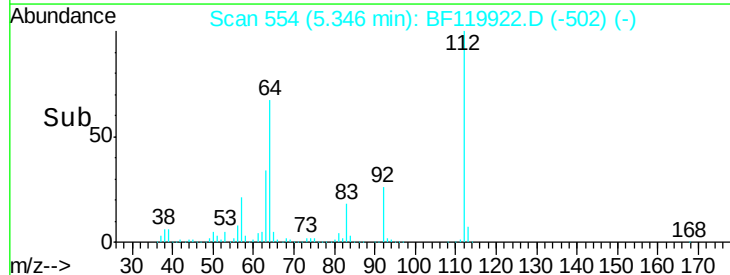
#5

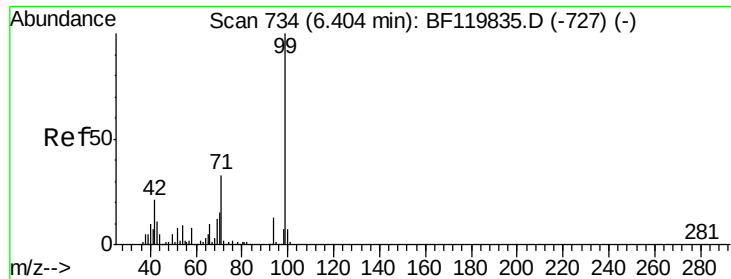
2-Fluorophenol
Concen: 85.128 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

Tgt Ion:112 Resp: 1069244
Ion Ratio Lower Upper
112 100
64 66.8 55.5 83.3
63 34.3 29.1 43.7



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: 84.166 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119922.D

Acq: 13 Apr 2020 18:35

Instrument :

BNA_F

ClientSampleId :

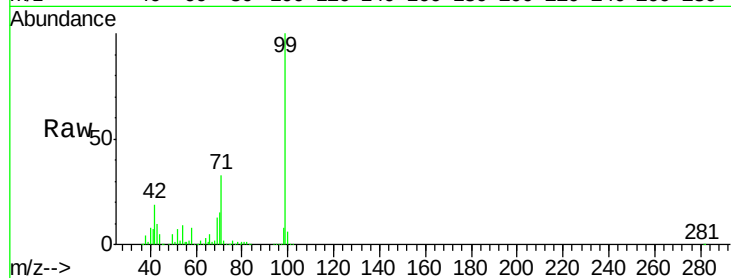
Tot Ion: 99 Resp: 1362198

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

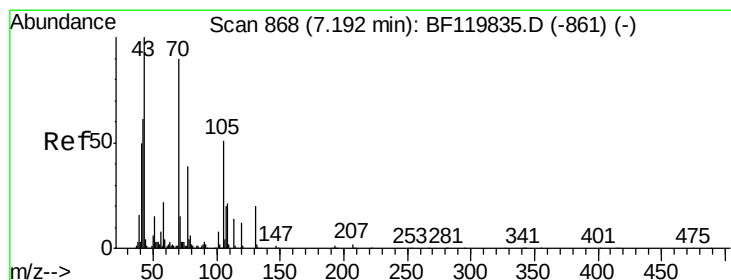
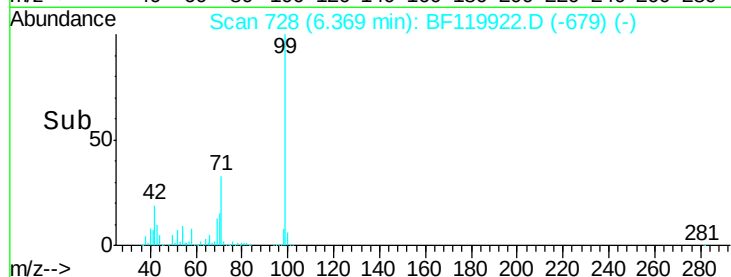
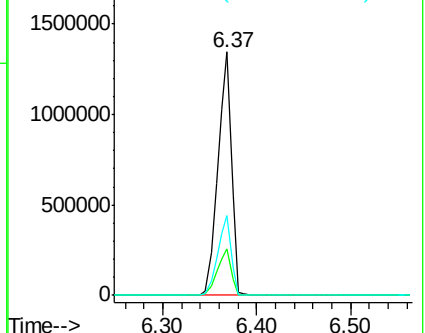
71 32.9 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.509 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119922.D

Acq: 13 Apr 2020 18:35

Tgt Ion: 70 Resp: 109368

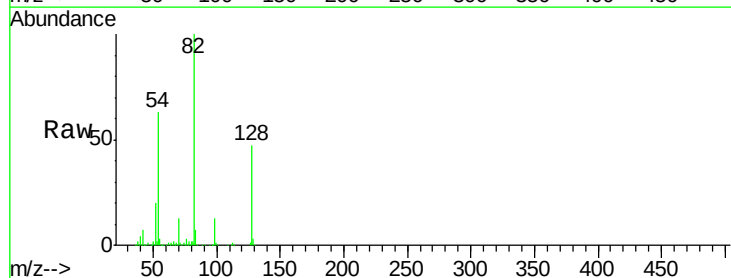
Ion Ratio Lower Upper

70 100

42 56.3 54.2 81.4

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

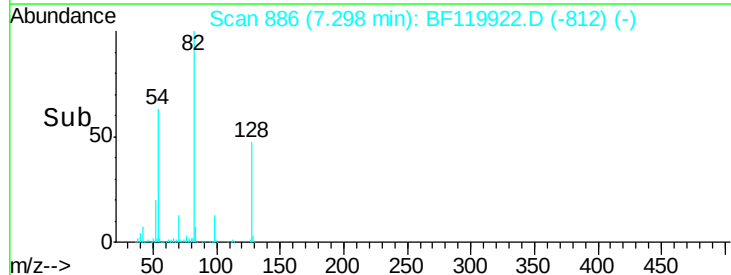
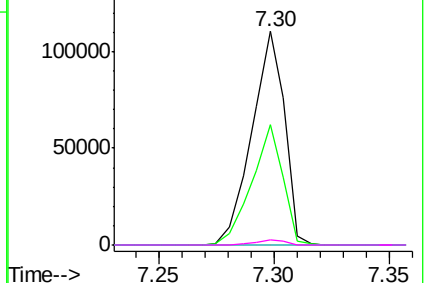


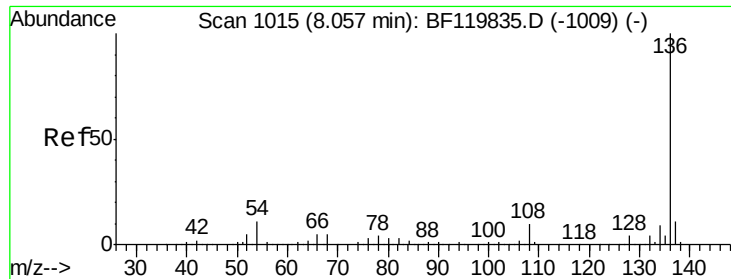
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

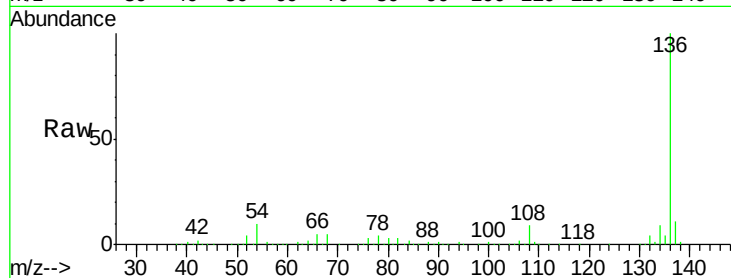




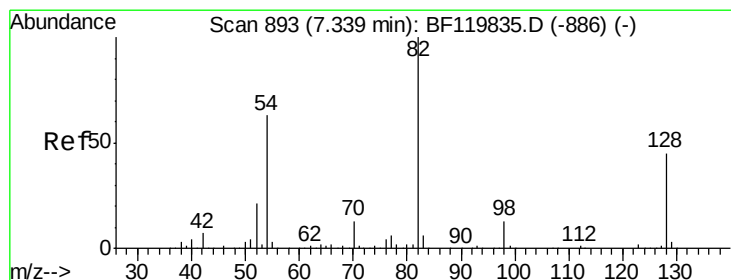
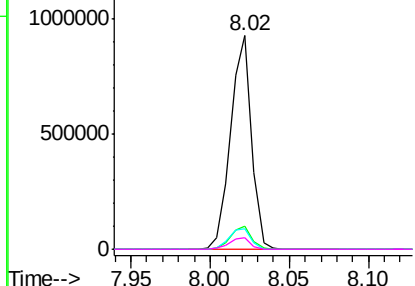
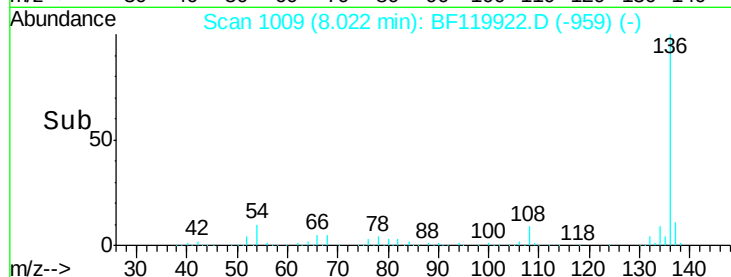
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	844128
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	9.7	8.5 12.7
68	5.4	3.9 5.9

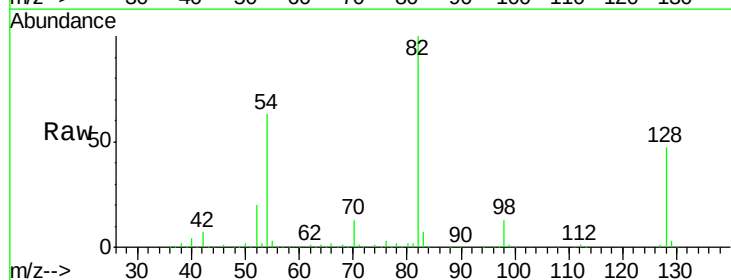


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

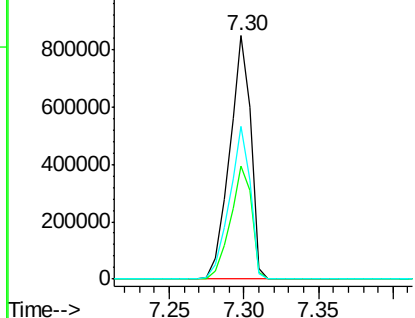
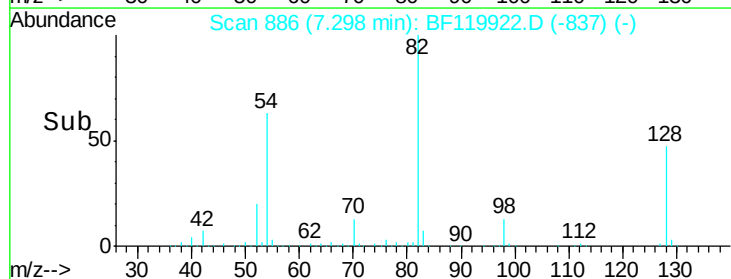


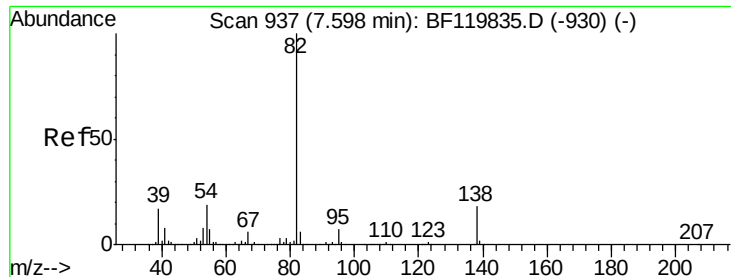
#23
Nitrobenzene-d5
Concen: 52.234 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

Tgt Ion: 82	Resp:	852298
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.2 54.4
54	62.8	50.4 75.6



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





#25

Isophorone

Concen: 26.968 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119922.D

Acq: 13 Apr 2020 18:35

Instrument :

BNA_F

ClientSampleId :

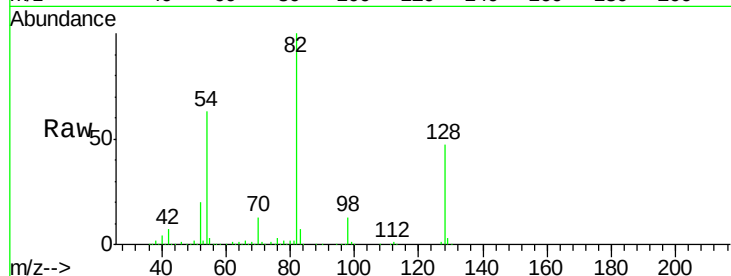
Tot Ion: 82 Resp: 848262

Ion Ratio Lower Upper

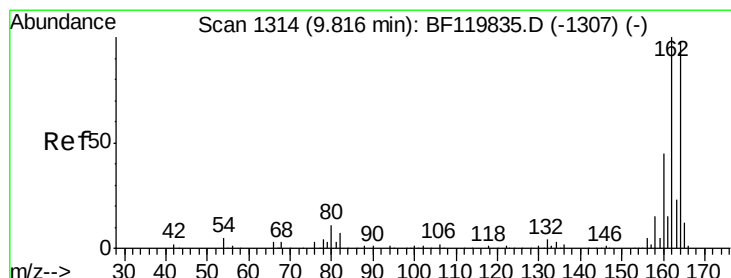
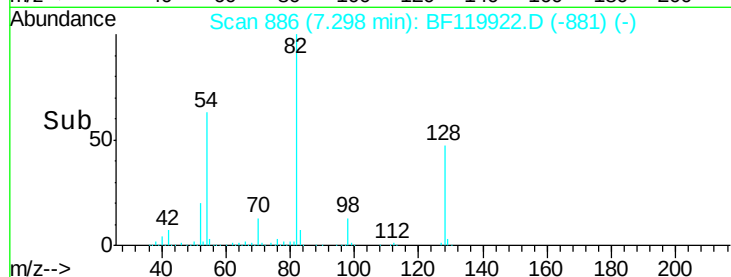
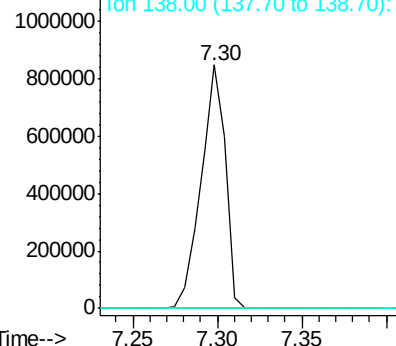
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119922.D

Acq: 13 Apr 2020 18:35

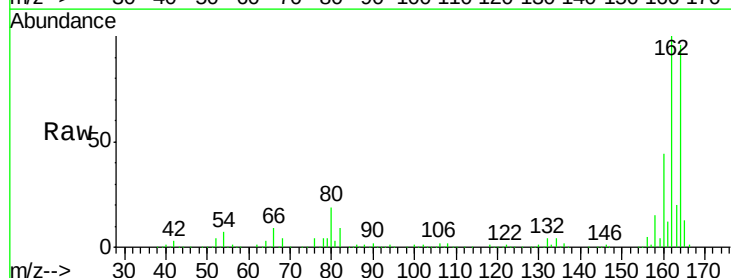
Tgt Ion:164 Resp: 443776

Ion Ratio Lower Upper

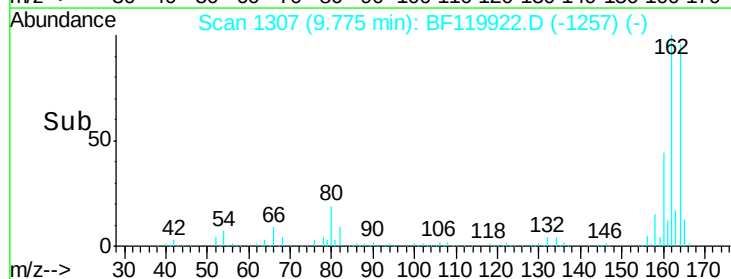
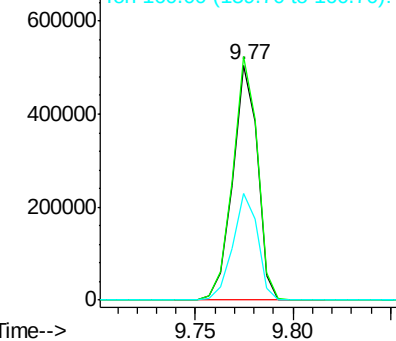
164 100

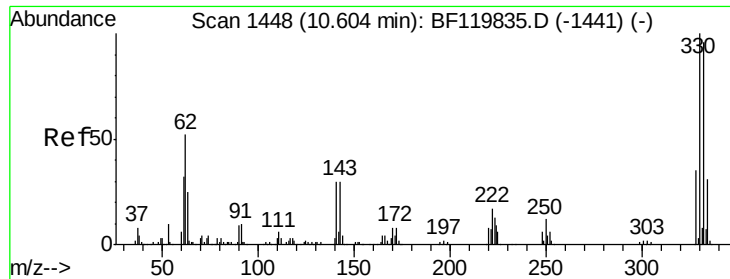
162 103.7 81.9 122.9

160 45.5 36.6 54.8



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

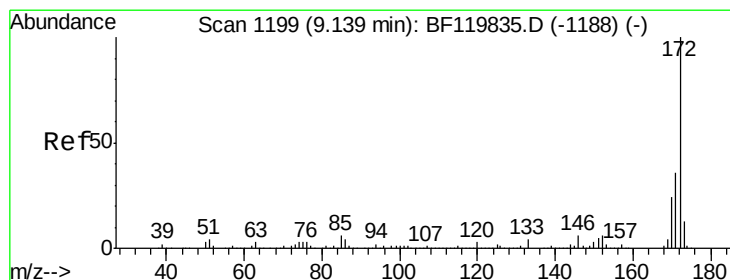
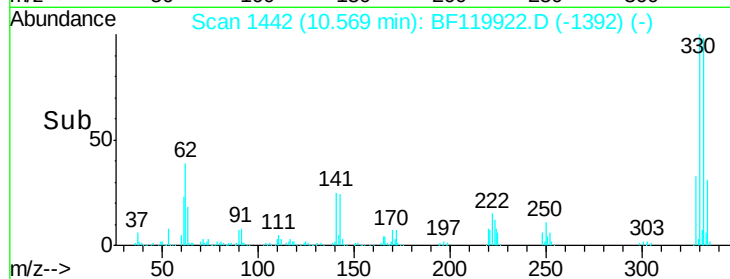
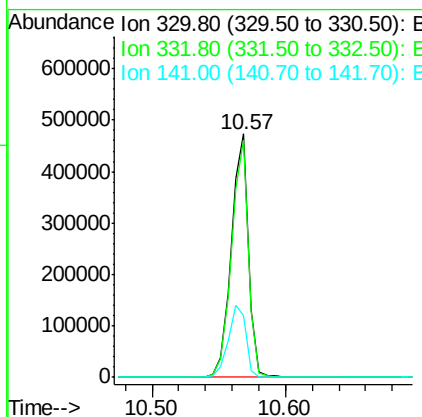
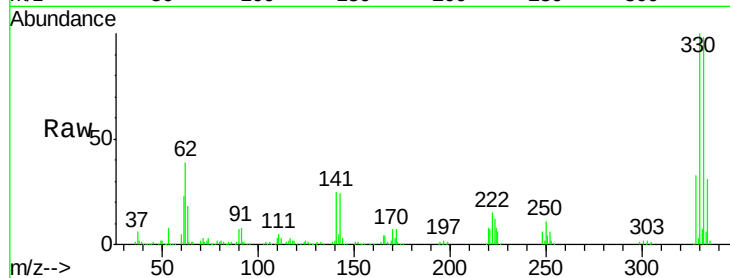




#42
 2,4,6-Tribromophenol
 Concen: 79.169 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119922.D
 Acq: 13 Apr 2020 18:35

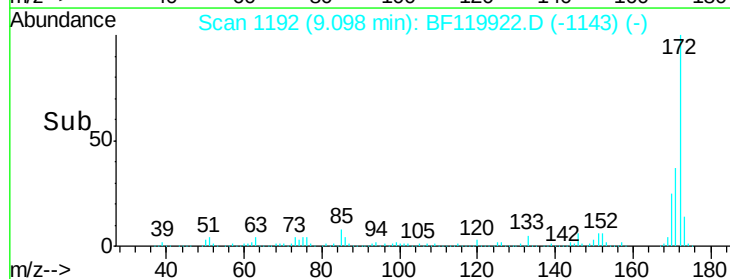
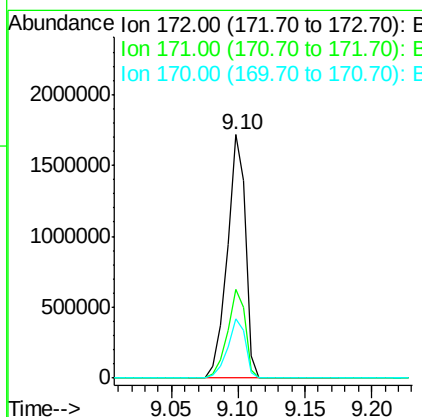
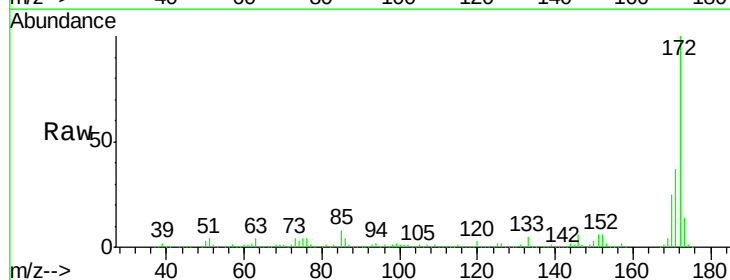
Instrument :
 BNA_F
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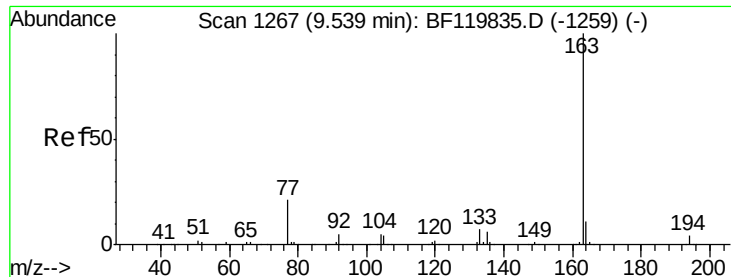
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	30.6	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 52.968 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119922.D
 Acq: 13 Apr 2020 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.5	19.4	29.2

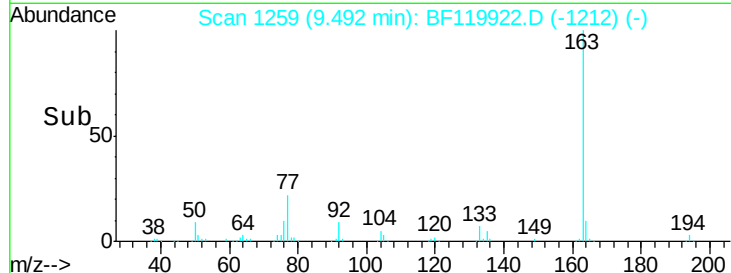
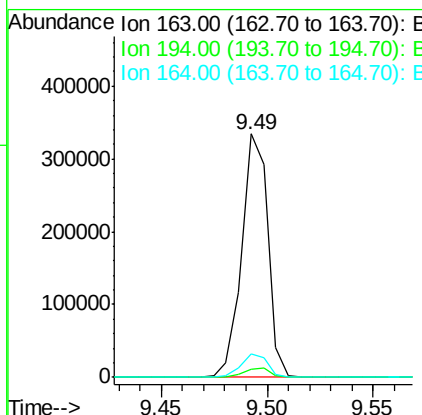
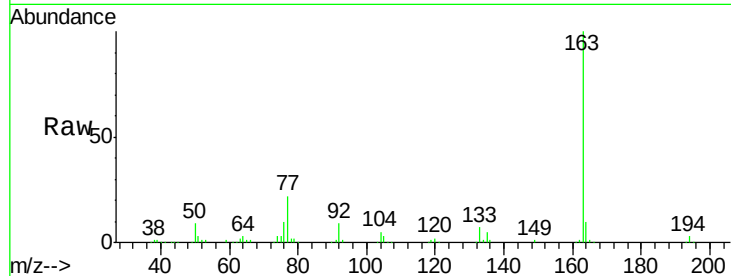




#50
Dimethylphthalate
Concen: 8.330 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

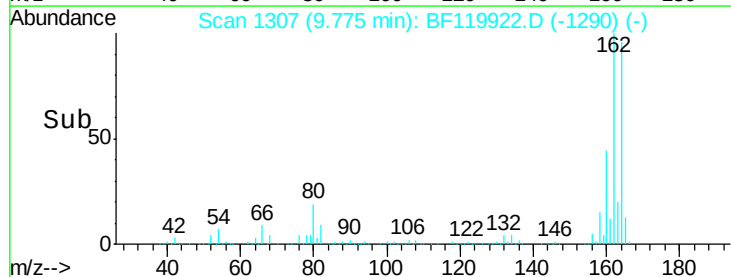
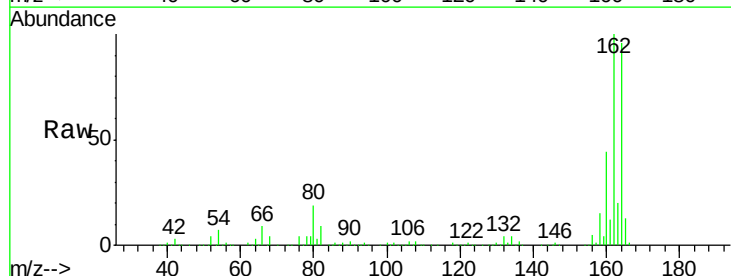
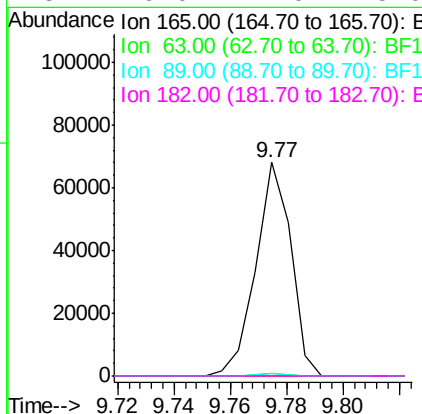
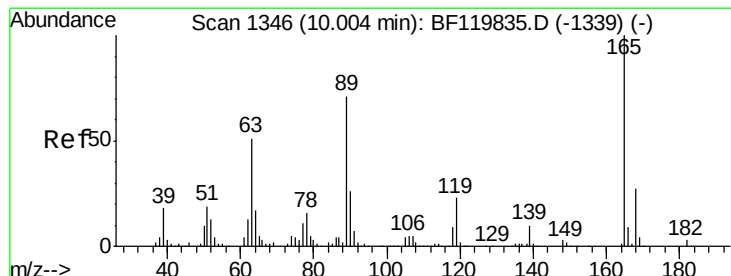
Instrument :
BNA_F
ClientSampleId :

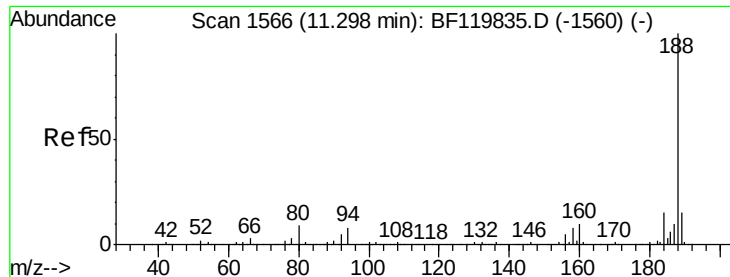
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.8	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 5.929 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.8	61.2#
89	1.4	56.9	85.3#
182	0.0	2.0	3.0#

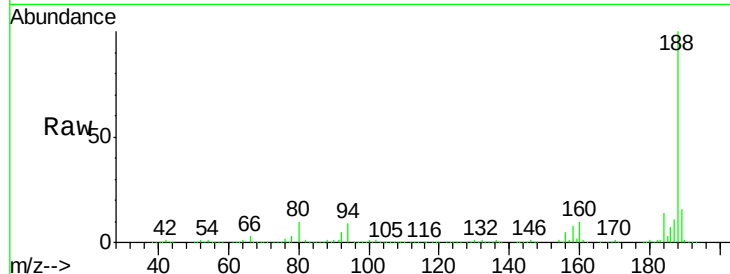




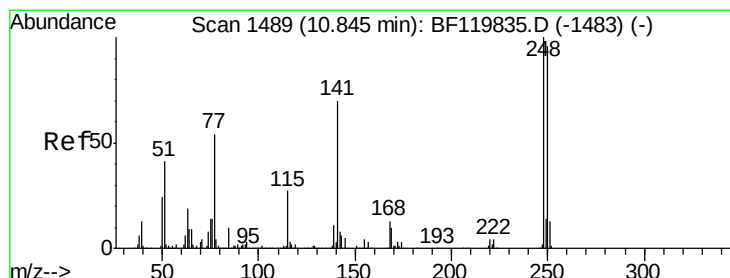
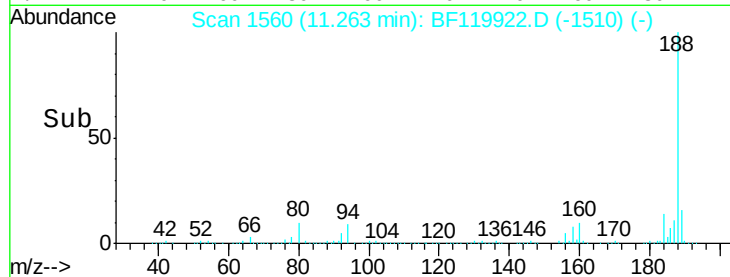
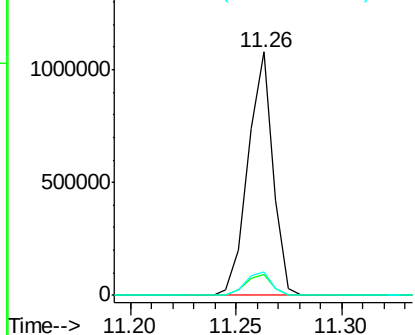
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119922.D
 Acq: 13 Apr 2020 18:35

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 885009
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.7 10.1
 80 9.6 7.4 11.2

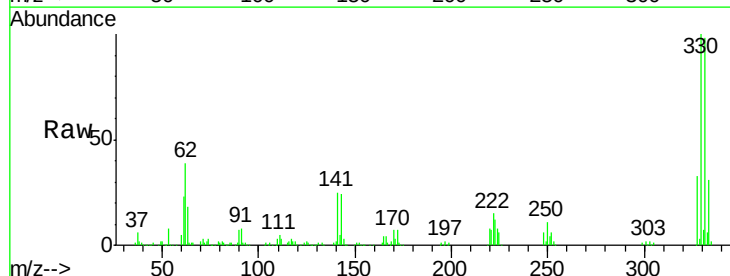


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

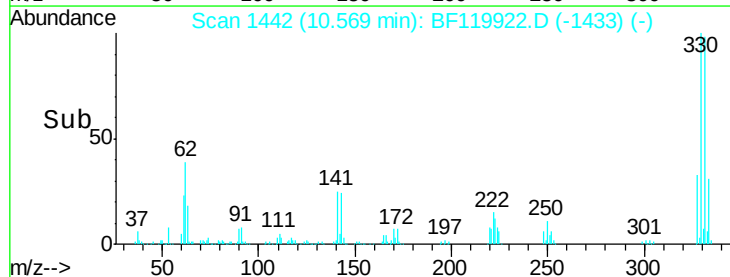
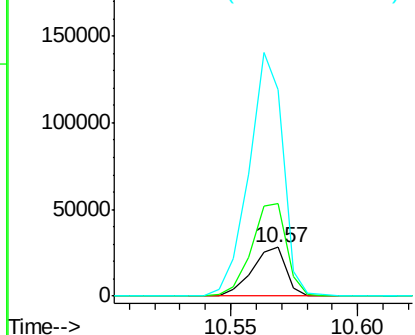


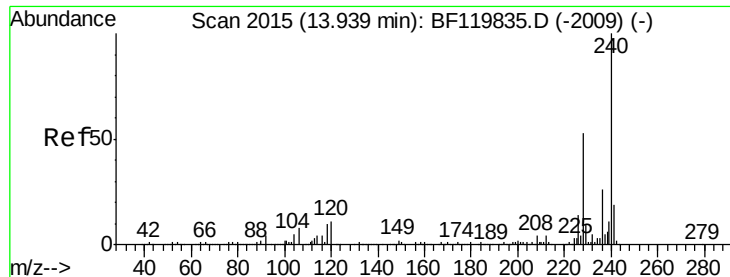
#67
 4-Bromophenyl-phenylether
 Concen: 2.394 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119922.D
 Acq: 13 Apr 2020 18:35

Tgt Ion:248 Resp: 26350
 Ion Ratio Lower Upper
 248 100
 250 192.2 76.6 114.8#
 141 425.8 55.9 83.9#



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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119922.D

Acq: 13 Apr 2020 18:35

Instrument :

BNA_F

ClientSampleId :

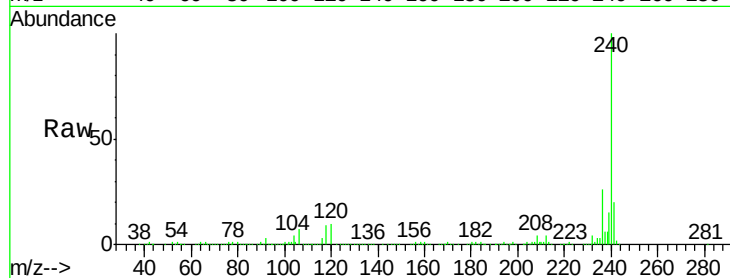
Tot Ion:240 Resp: 729840

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

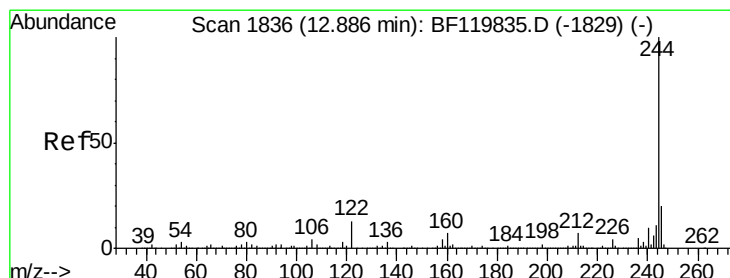
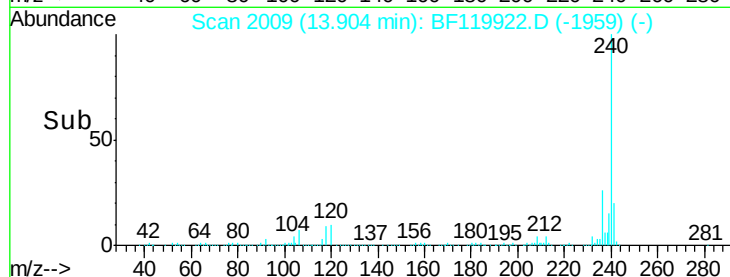
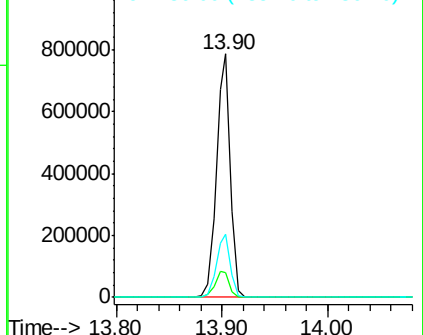
236 26.0 20.7 31.1



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



#79

Terphenyl-d14

Concen: 47.894 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119922.D

Acq: 13 Apr 2020 18:35

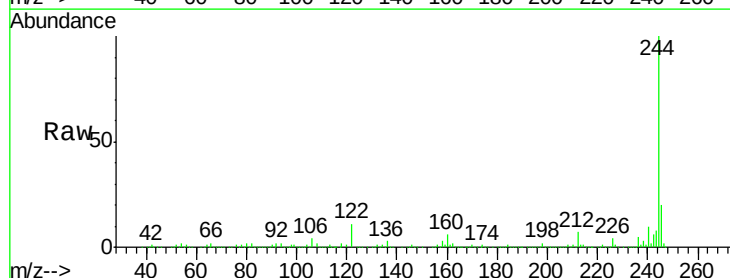
Tgt Ion:244 Resp: 2077365

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

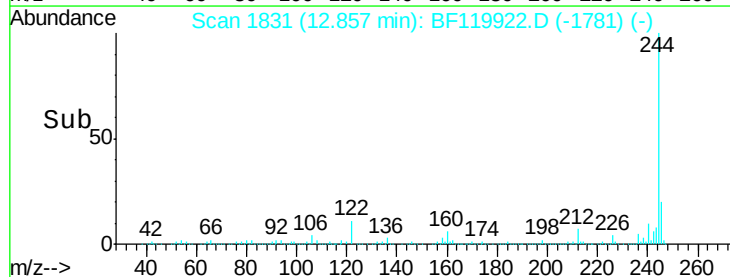
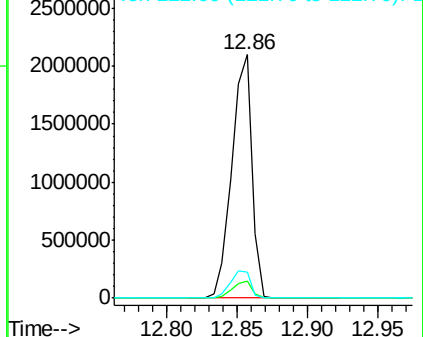
122 10.8 10.3 15.5

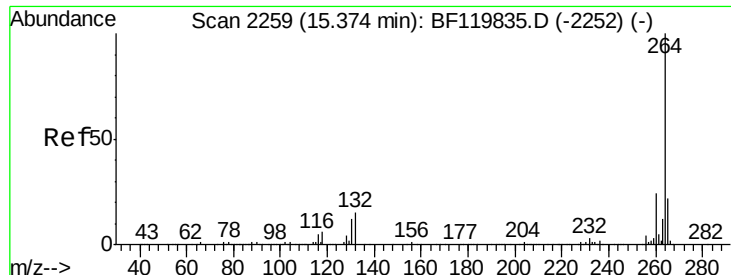


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

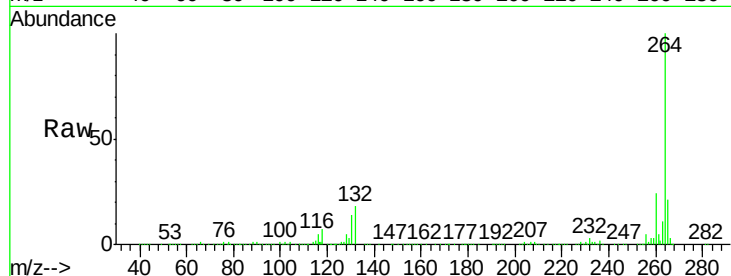




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119922.D
Acq: 13 Apr 2020 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	708587
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.3 28.9
265	21.2	17.6 26.4



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

