

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113823.D
 Acq On : 18 Apr 2019 18:06
 Operator : JU/SJ
 Sample : K2422-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 02:07:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

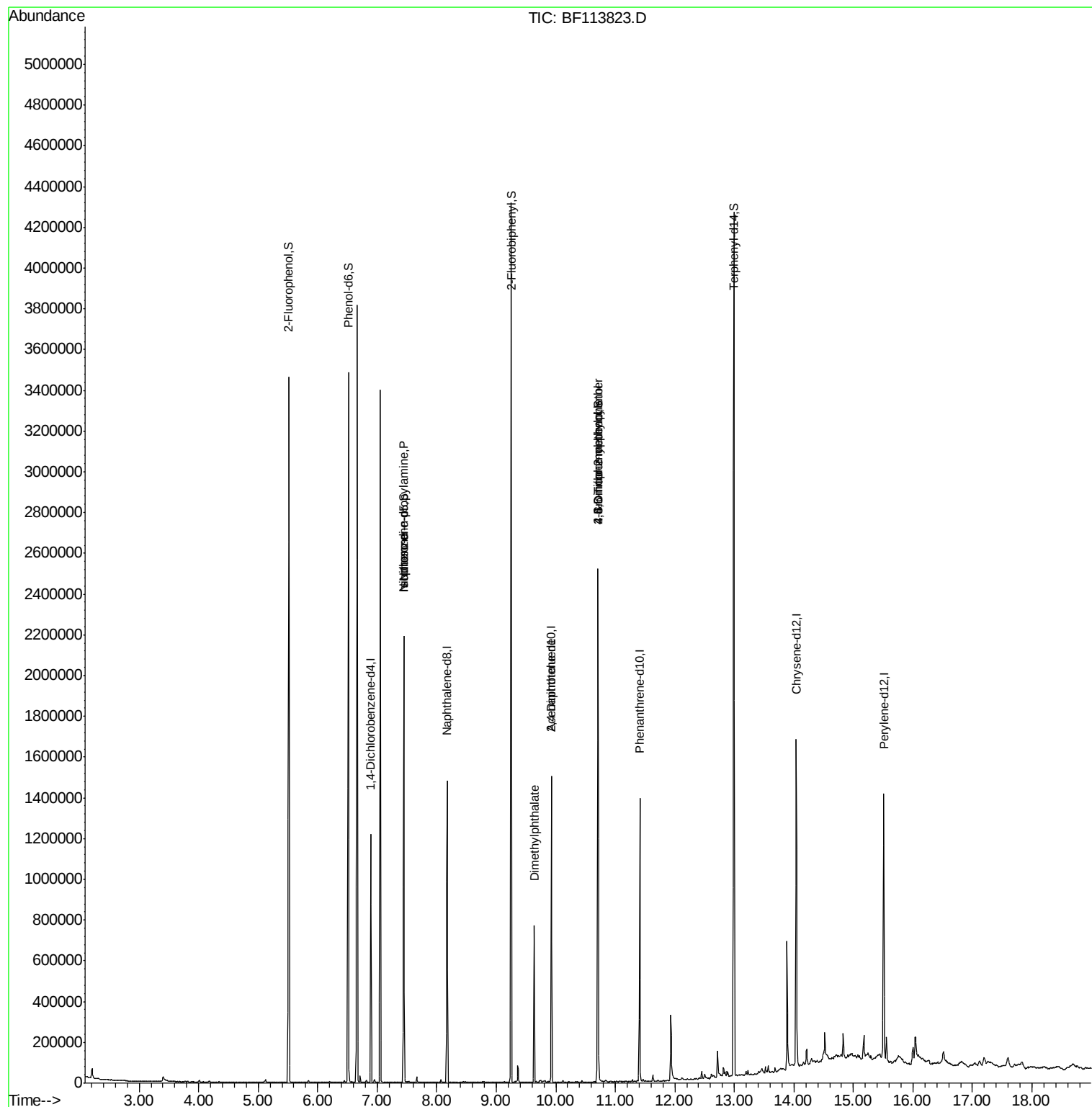
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	168258	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	596098	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	277373	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	487505	20.00	ng	0.00
76) Chrysene-d12	14.04	240	497936	20.00	ng	0.00
87) Perylene-d12	15.51	264	604057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1005235	99.34	ng	0.00
7) Phenol-d6	6.52	99	1250085	99.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	743167	75.92	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	312149	101.86	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1332058	73.24	ng	0.00
79) Terphenyl-d14	12.99	244	1403999	59.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	2061	Below Cal		
19) n-Nitroso-di-n-propylamine	7.45	70	99617	11.827	ng	# 3
25) Isophorone	7.45	82	743039	36.662	ng	# 77
50) Dimethylphthalate	9.64	163	307903	15.862	ng	# 65
57) 2,4-Dinitrotoluene	9.93	165	35343	6.650	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.71	198	469	7.126	ng	# 29
67) 4-Bromophenyl-phenylether	10.71	248	18979	3.315	ng	# 1
						# 1

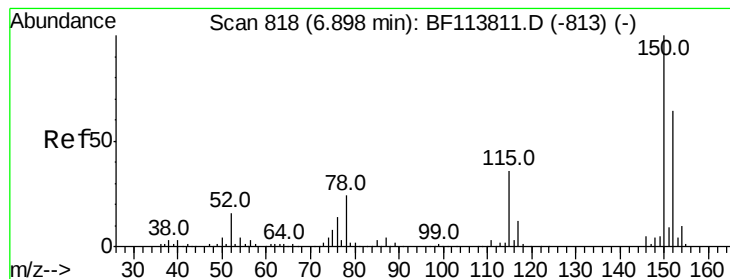
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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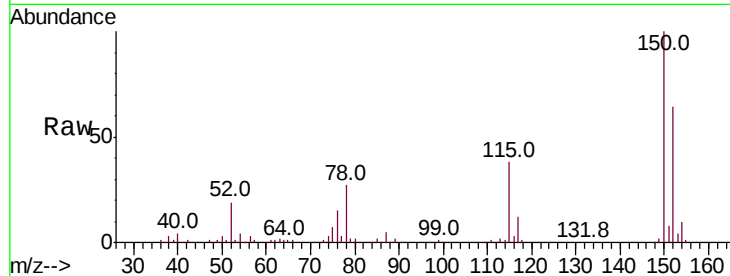


#1

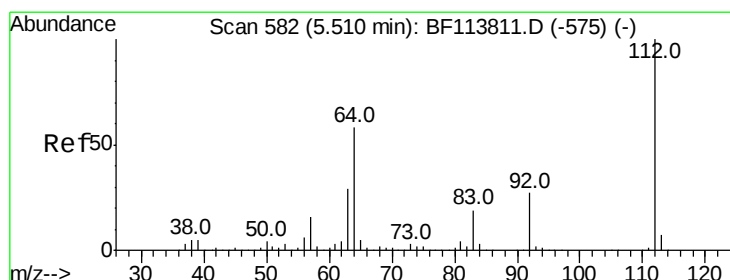
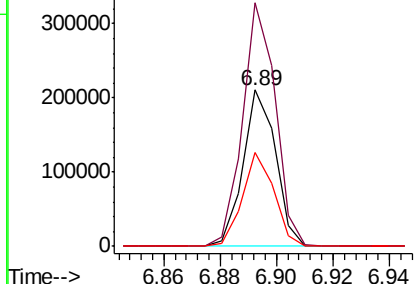
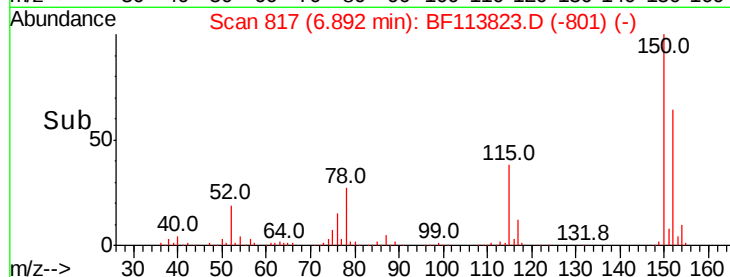
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168258
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 59.8 45.9 68.9



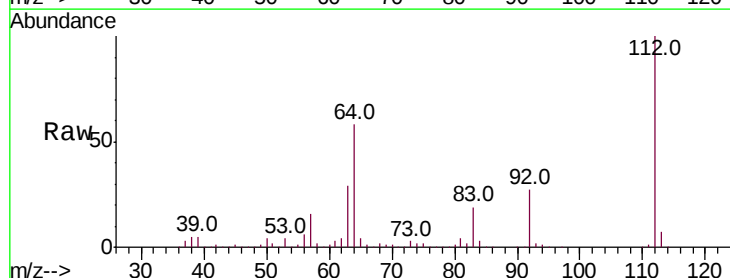
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



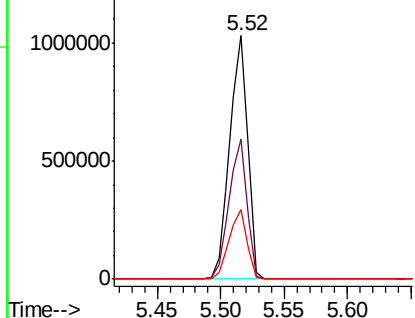
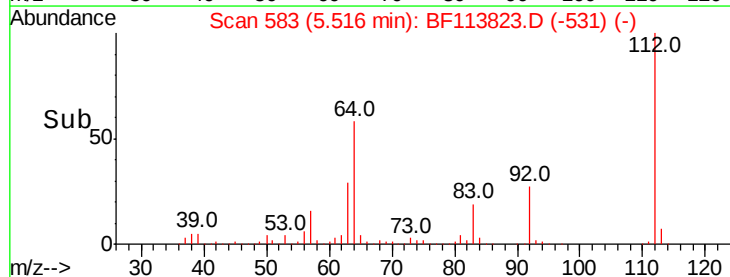
#5

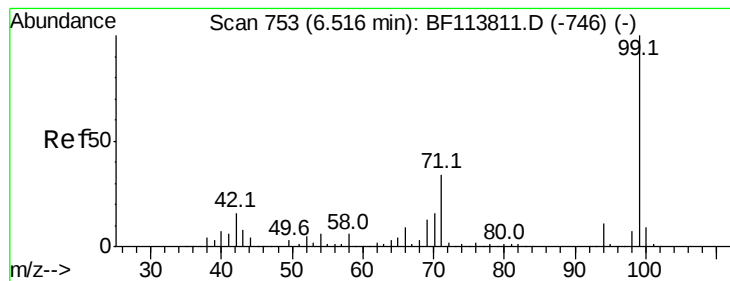
2-Fluorophenol
Concen: 99.340 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Tgt Ion:112 Resp: 1005235
Ion Ratio Lower Upper
112 100
64 57.6 46.6 69.8
63 28.8 23.1 34.7



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: 99.062 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

Instrument :

BNA_F

ClientSampleId :

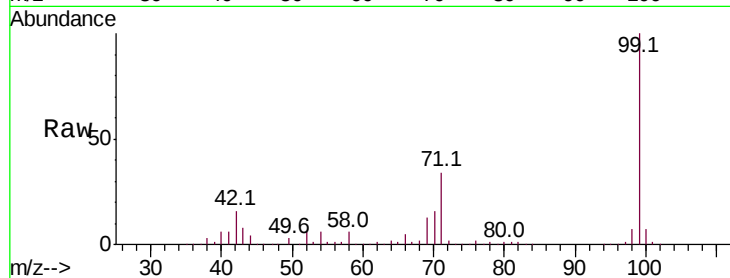
Tot Ion: 99 Resp: 1250085

Ion Ratio Lower Upper

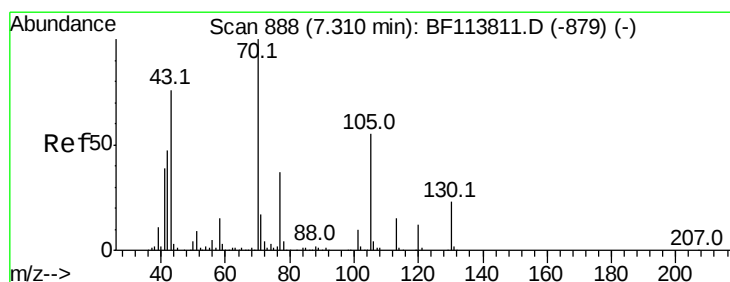
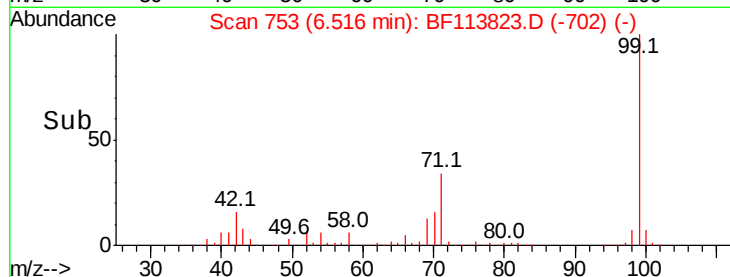
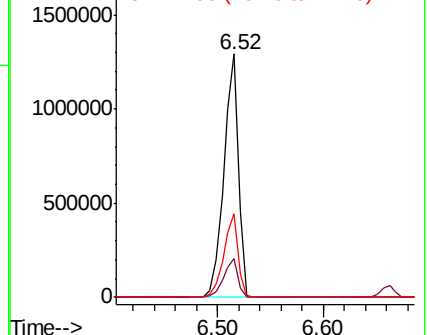
99 100

42 15.7 12.5 18.7

71 34.4 26.9 40.3



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: 11.827 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

Tgt Ion: 70 Resp: 99617

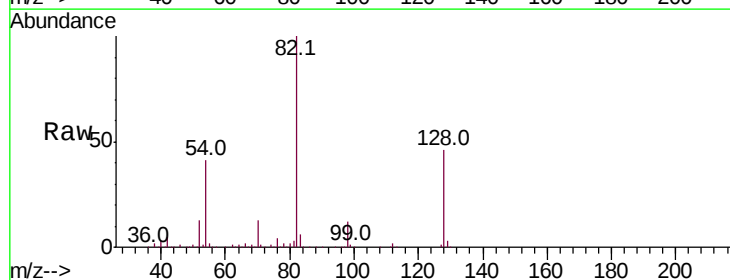
Ion Ratio Lower Upper

70 100

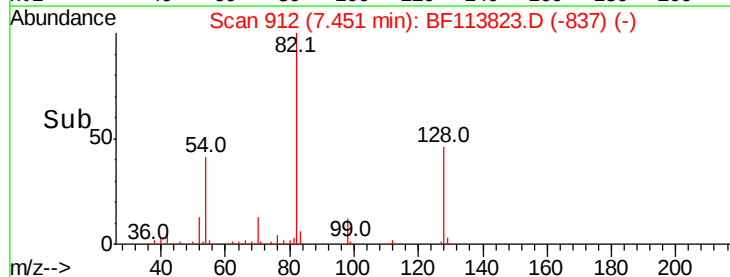
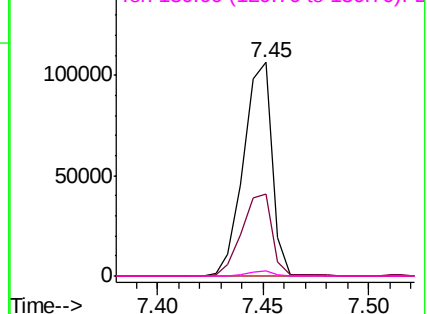
42 38.2 37.3 55.9

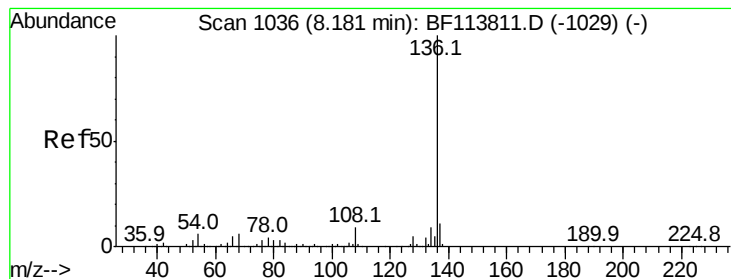
101 0.0 7.8 11.8#

130 2.4 18.2 27.2#



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 596098

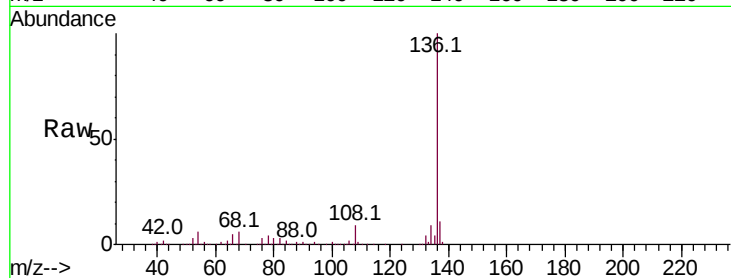
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.5 5.0 7.6

68 6.4 4.9 7.3

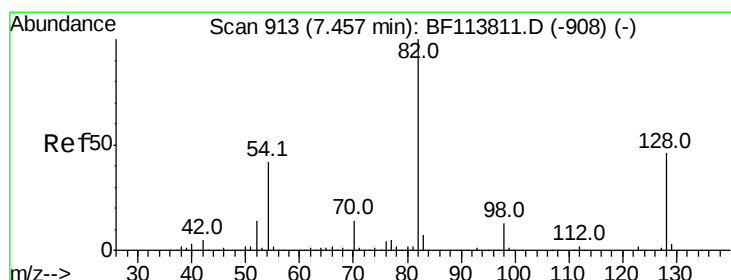
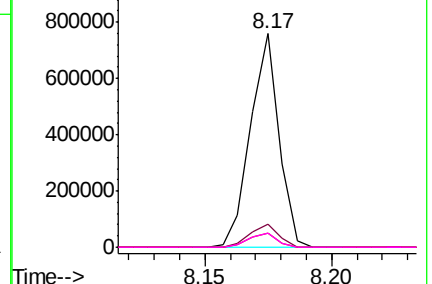
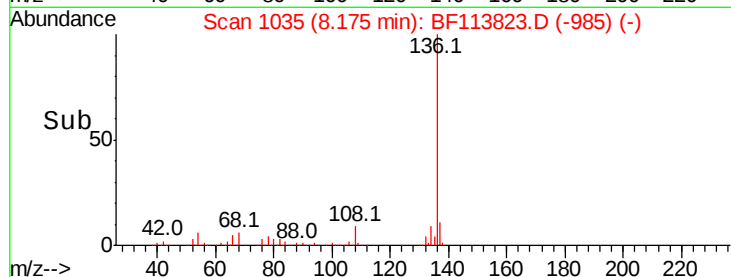


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.921 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

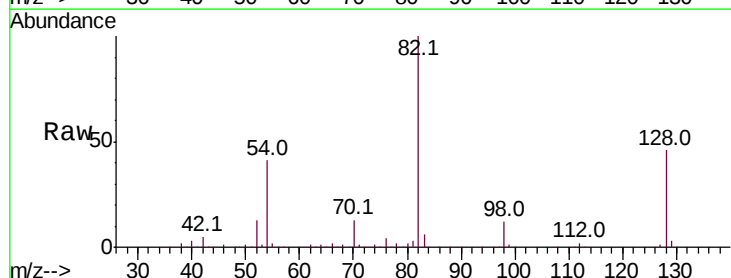
Tgt Ion: 82 Resp: 743167

Ion Ratio Lower Upper

82 100

128 46.4 36.8 55.2

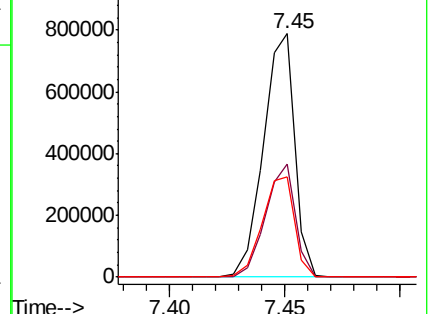
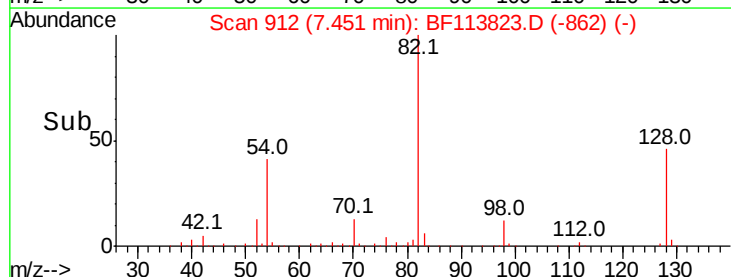
54 41.4 33.8 50.6

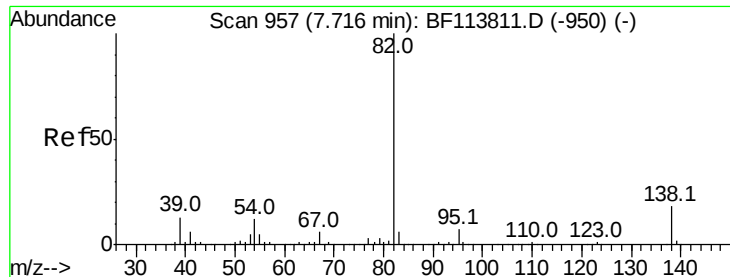


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.662 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

Instrument :

BNA_F

ClientSampleId :

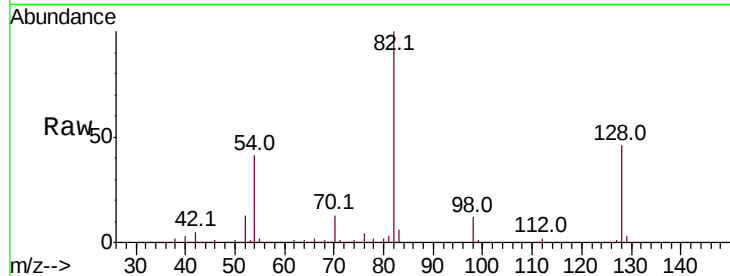
Tot Ion: 82 Resp: 743039

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

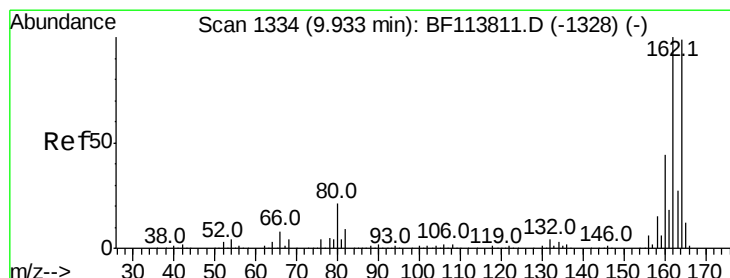
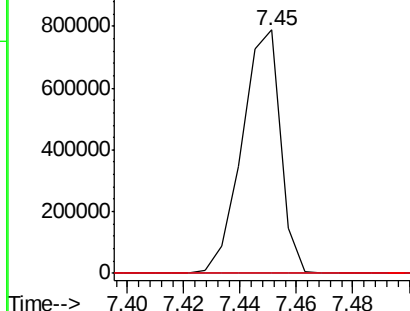
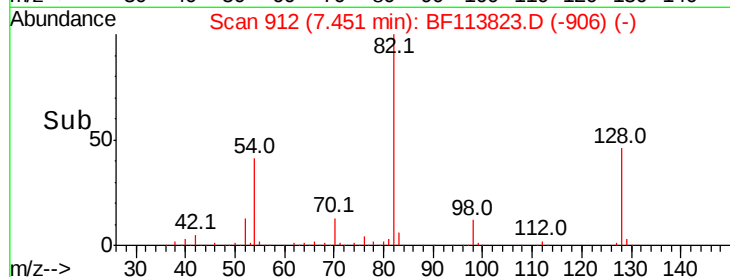
138 0.0 14.6 22.0#



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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

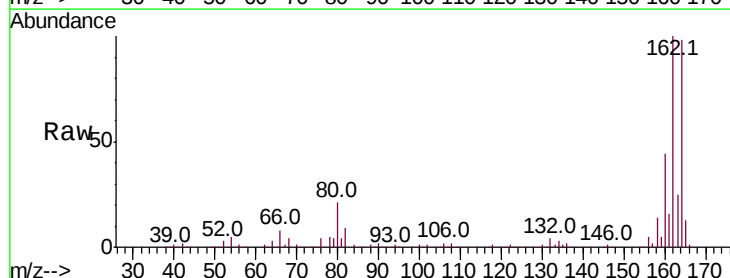
Tgt Ion:164 Resp: 277373

Ion Ratio Lower Upper

164 100

162 101.9 81.1 121.7

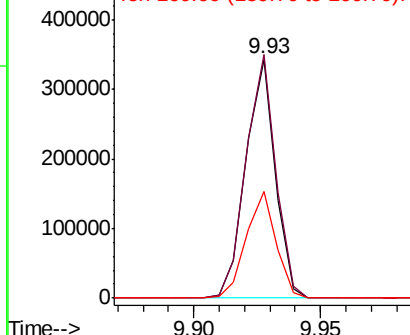
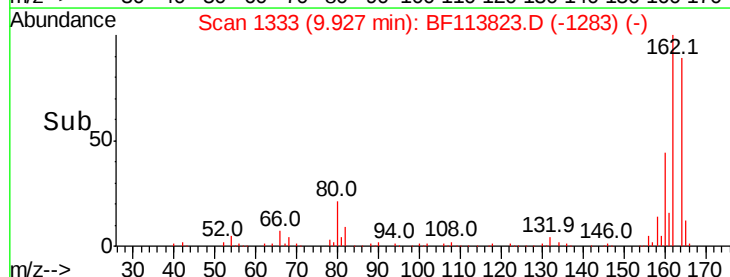
160 44.4 35.8 53.6

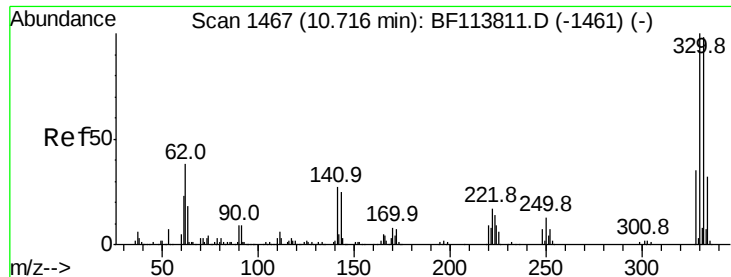


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 101.861 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

Instrument :

BNA_F

ClientSampleId :

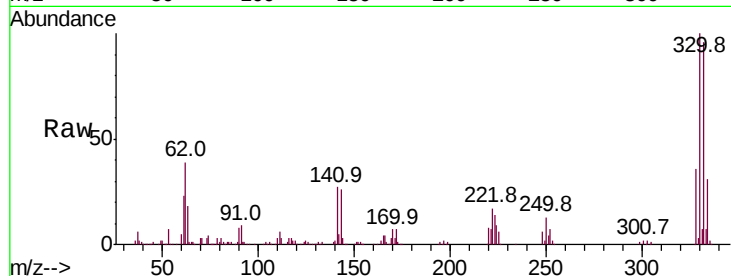
Tot Ion:330 Resp: 312149

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

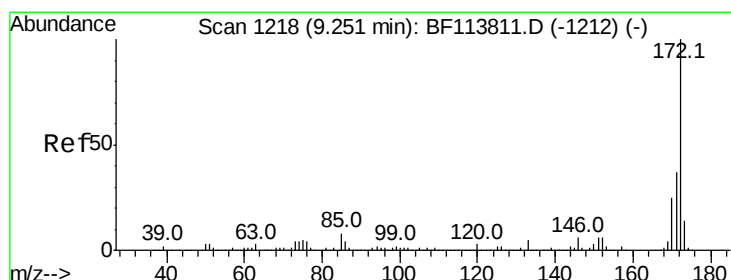
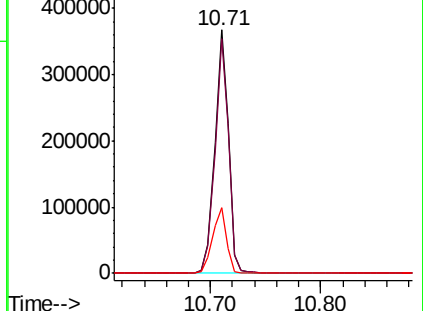
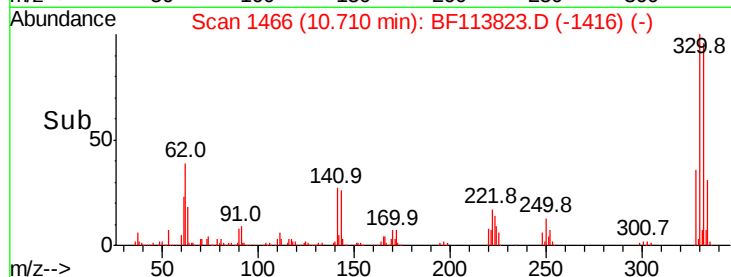
141 27.3 22.2 33.2



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: 73.239 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

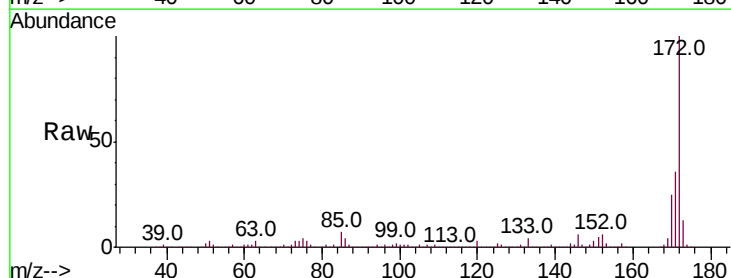
Tgt Ion:172 Resp: 1332058

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

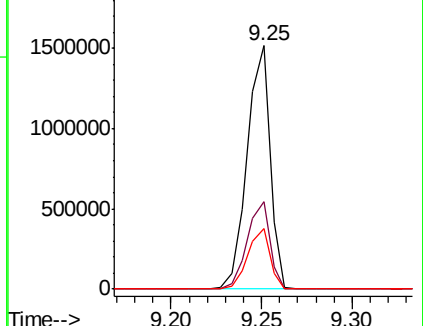
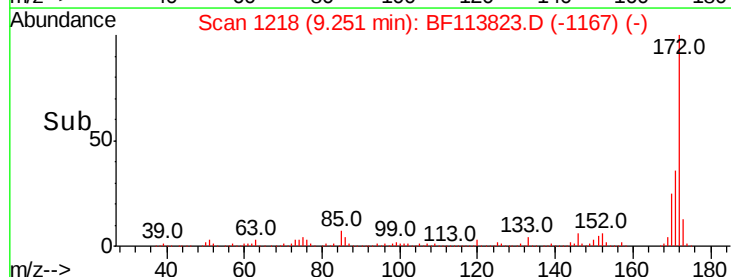
170 24.6 19.9 29.9

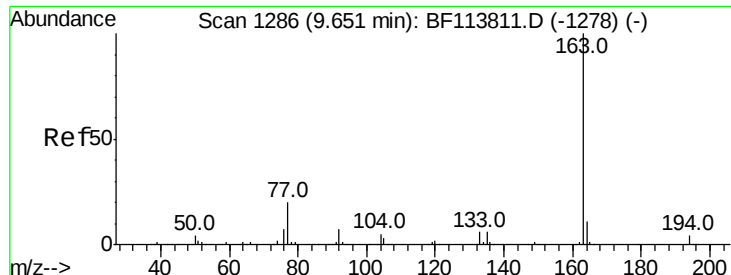


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

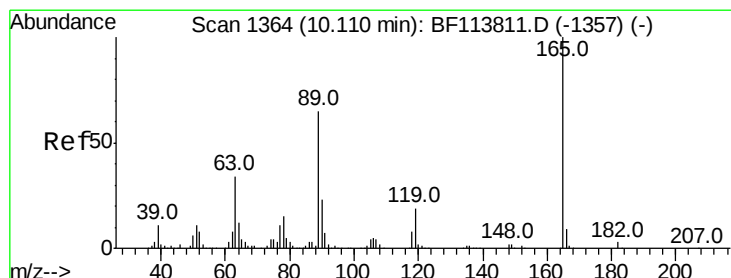
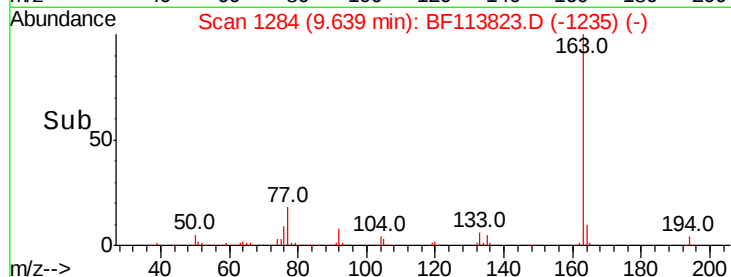
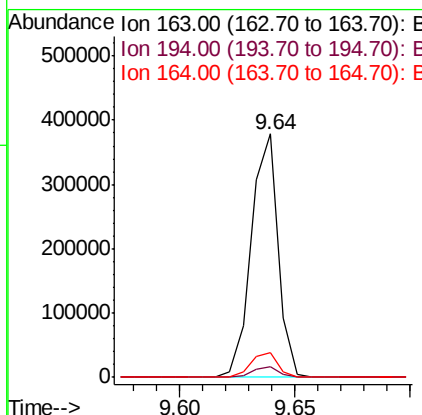
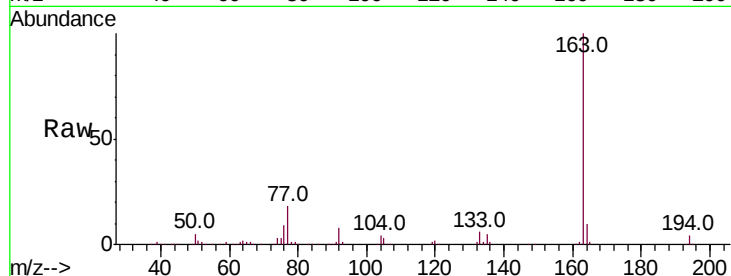




#50
Dimethylphthalate
Concen: 15.862 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

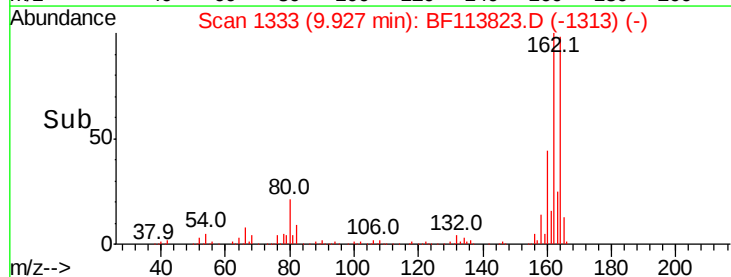
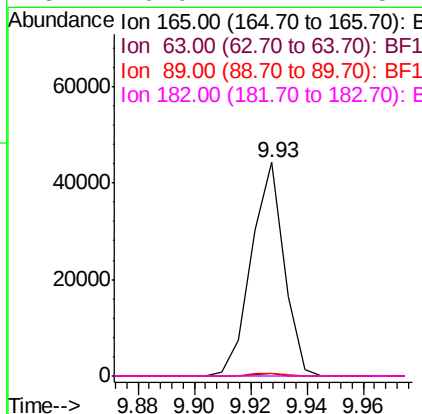
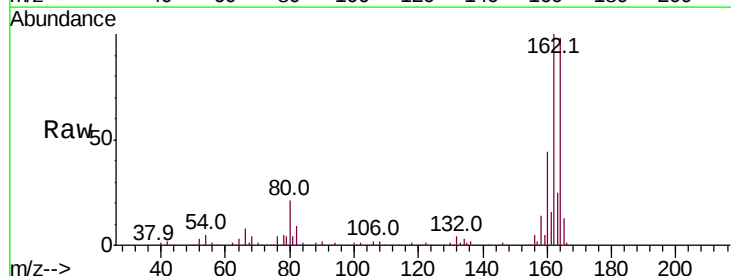
Instrument :
BNA_F
ClientSampleId :

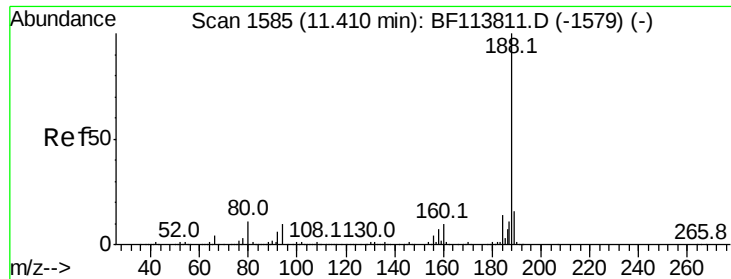
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.5	12.7



#57
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#

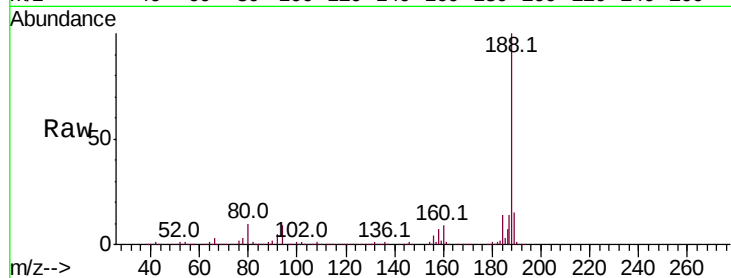




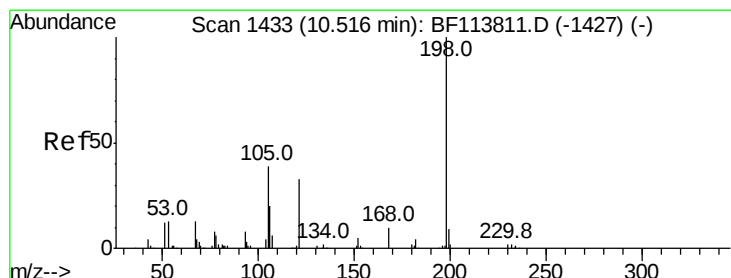
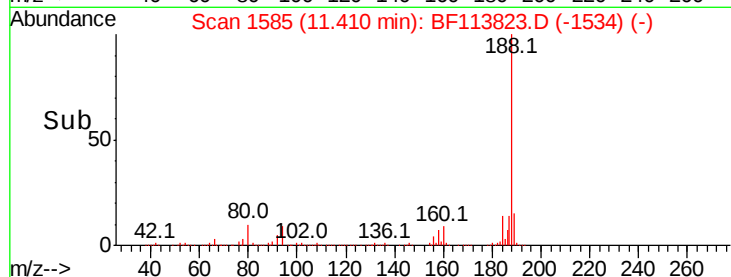
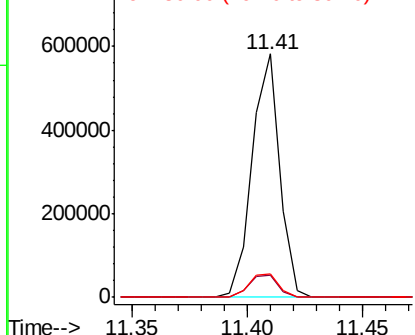
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 487505
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 9.6 9.0 13.6

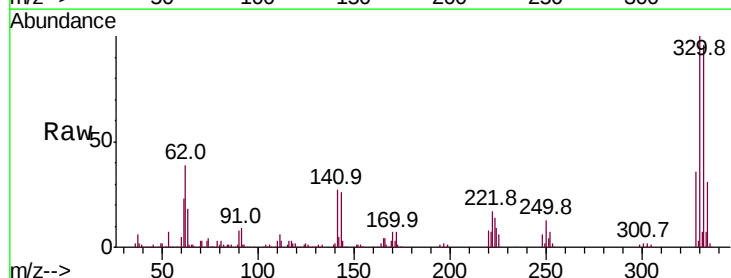


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

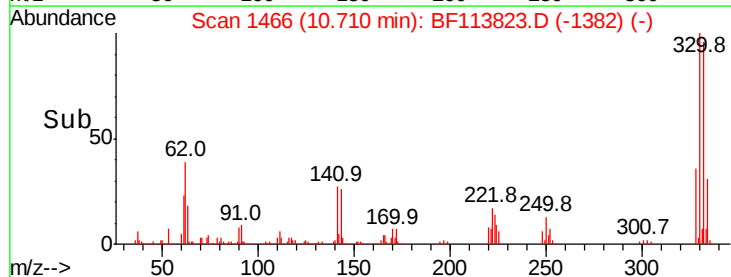
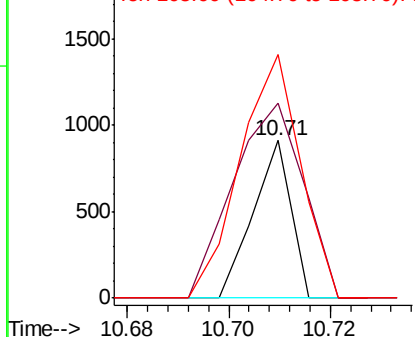


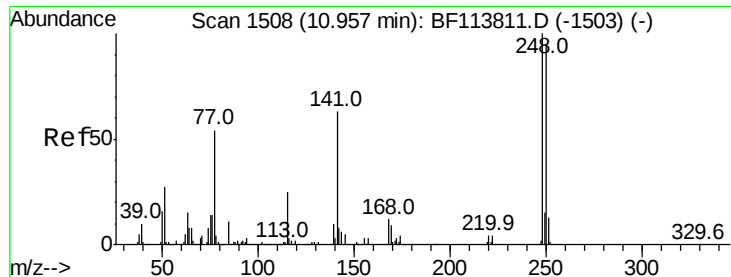
#65
4,6-Dinitro-2-methylphenol
Concen: 7.126 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Tgt Ion:198 Resp: 469
Ion Ratio Lower Upper
198 100
51 124.0 11.1 51.1#
105 154.4 20.7 60.7#



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

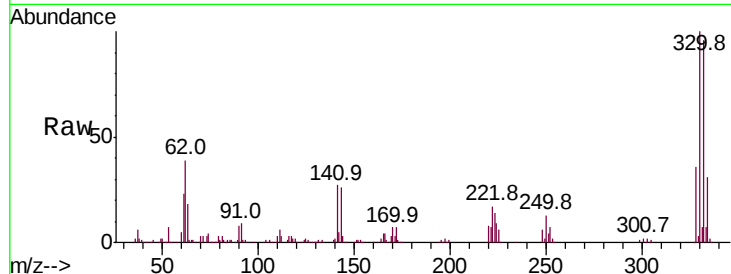




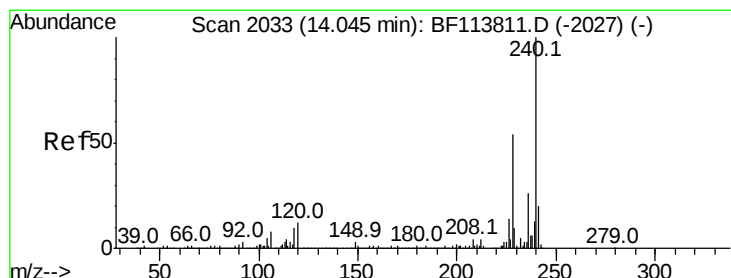
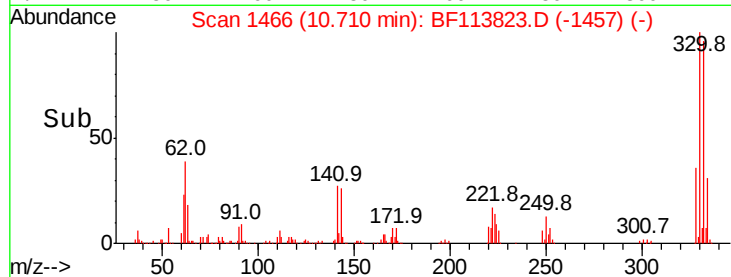
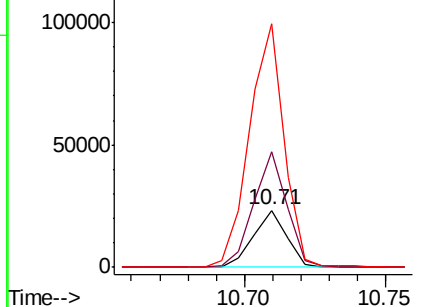
#67
4-Bromophenyl-phenylether
Concen: 3.315 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18979
Ion Ratio Lower Upper
248 100
250 202.6 75.8 113.6#
141 426.2 50.2 75.4#

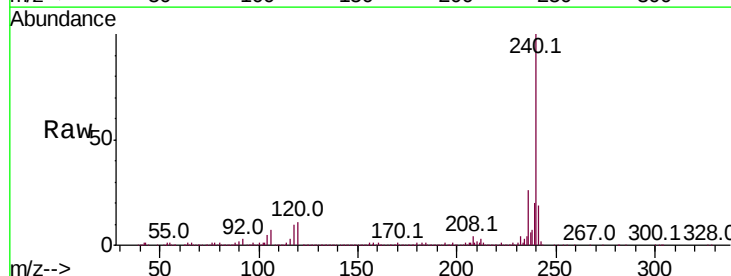


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

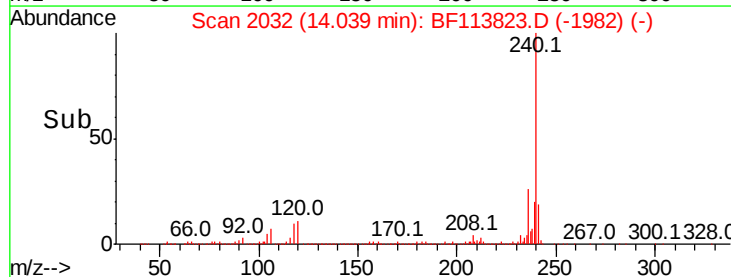
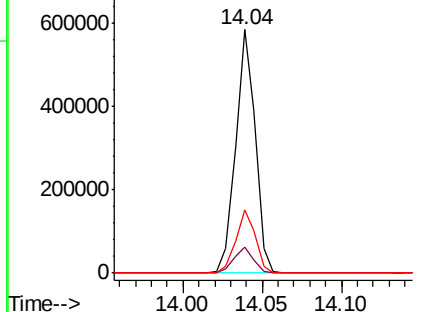


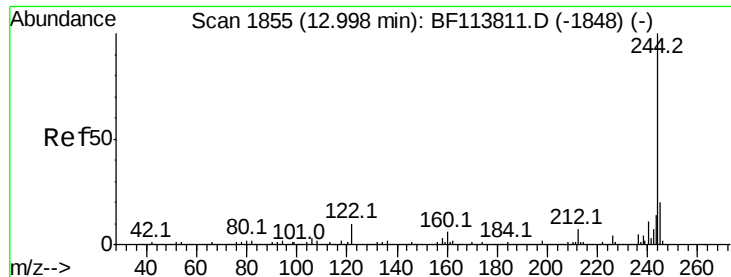
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113823.D
Acq: 18 Apr 2019 18:06

Tgt Ion:240 Resp: 497936
Ion Ratio Lower Upper
240 100
120 10.7 9.3 13.9
236 26.1 21.2 31.8



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: 59.126 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

Instrument :

BNA_F

ClientSampleId :

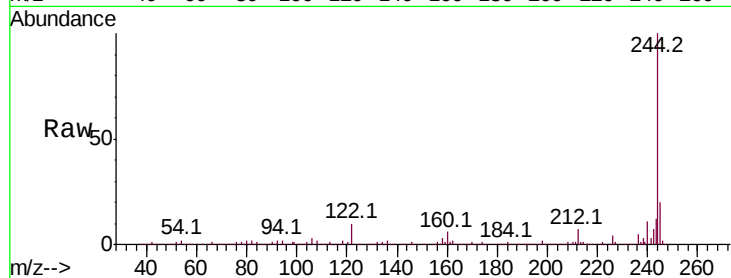
Tot Ion:244 Resp: 1403999

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

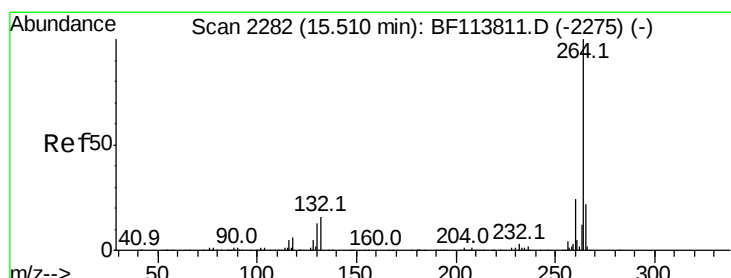
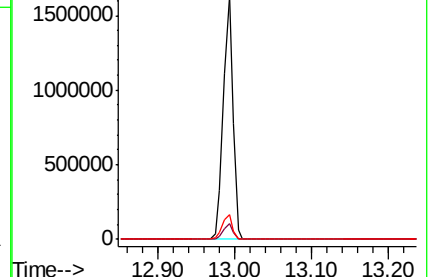
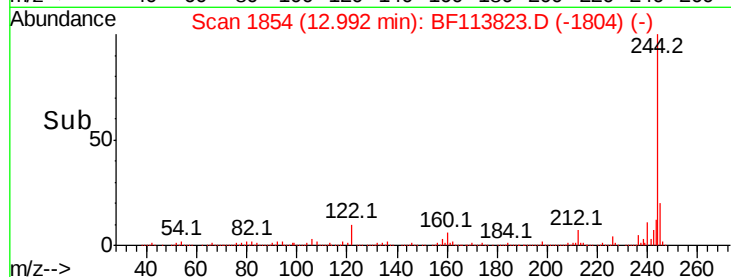
122 10.1 7.6 11.4



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: 15.51 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BF113823.D

Acq: 18 Apr 2019 18:06

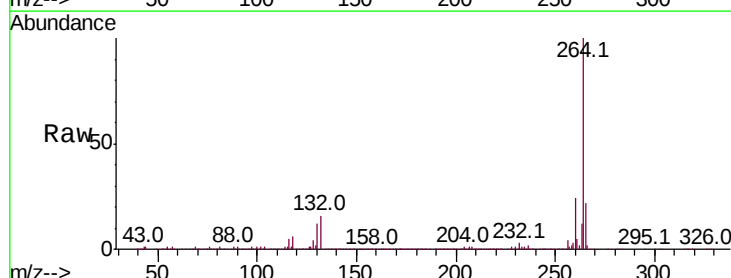
Tgt Ion:264 Resp: 604057

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.8 17.3 25.9



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

