

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108716.D
 Acq On : 1 Sep 2018 4:14
 Operator : JU/SJ
 Sample : PB112528BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 05:08:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

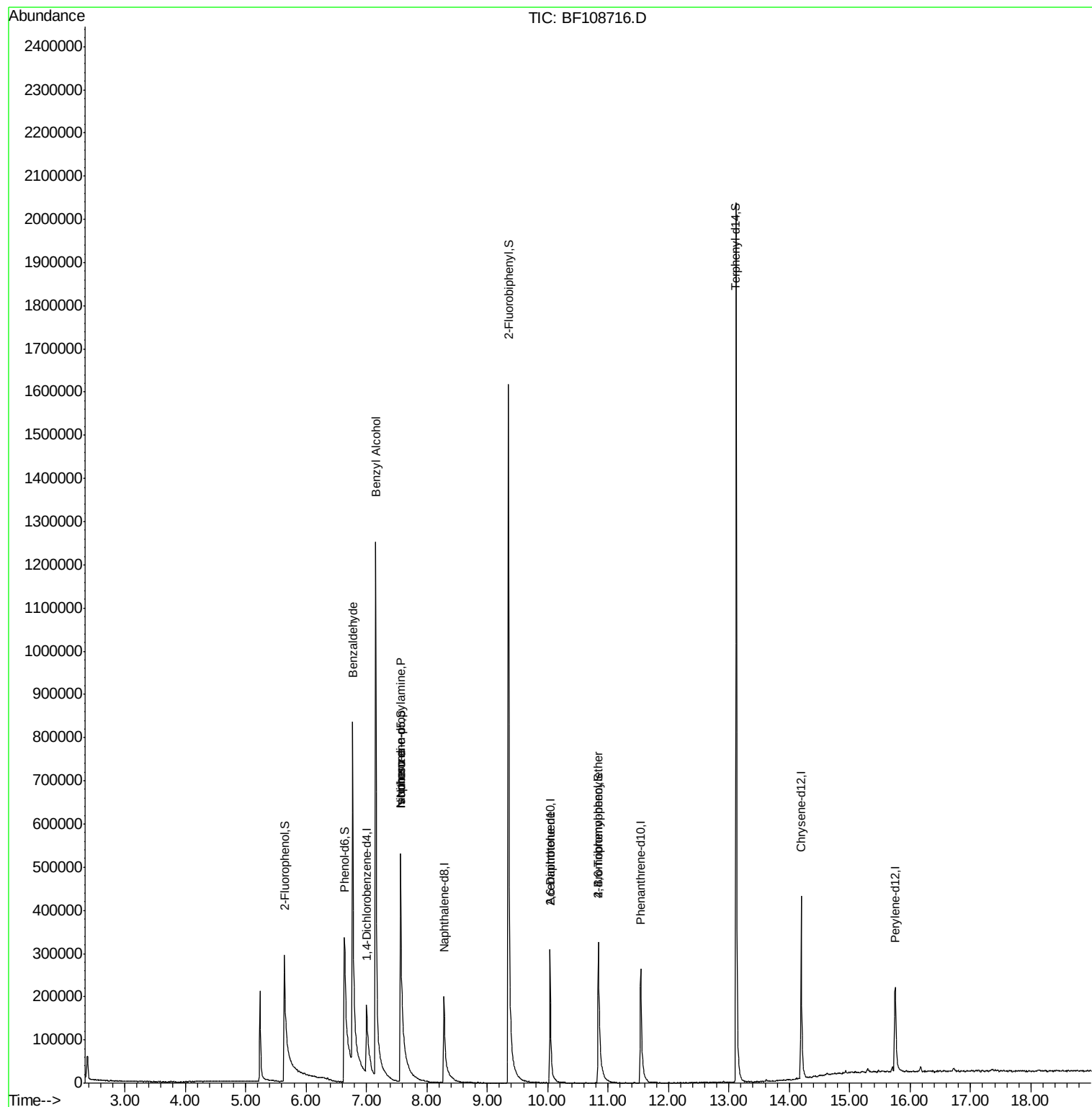
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	66172	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	249500	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	105205	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	218082	20.00	ng	0.00
75) Chrysene-d12	14.19	240	219168	20.00	ng	0.00
86) Perylene-d12	15.75	264	156272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	298378	78.33	ng	0.00
7) Phenol-d6	6.64	99	449596	82.41	ng	-0.01
23) Nitrobenzene-d5	7.57	82	484240	98.51	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	101675	73.21	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	893601	114.21	ng	0.00
78) Terphenyl-d14	13.12	244	938507	83.20	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.77	77	8675	2.573	ng	# 72
15) Benzyl Alcohol	7.15	79	8418	2.145	ng	# 45
19) n-Nitroso-di-n-propylamine	7.57	70	55217	15.114	ng	# 84
25) Isophorone	7.57	82	496544	60.811	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	12249	6.708	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	6197	2.312	ng	# 1

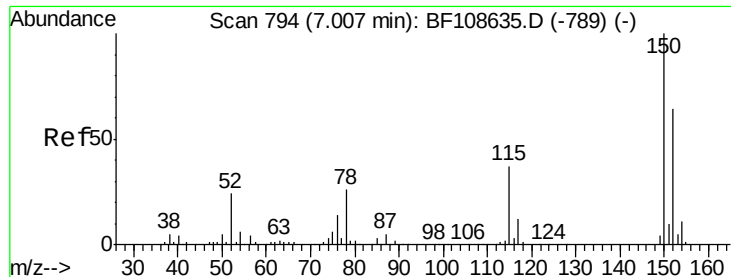
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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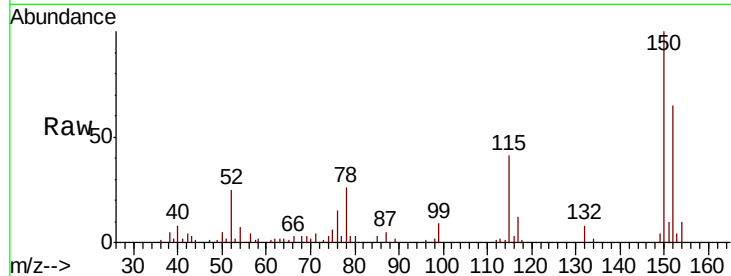


#1

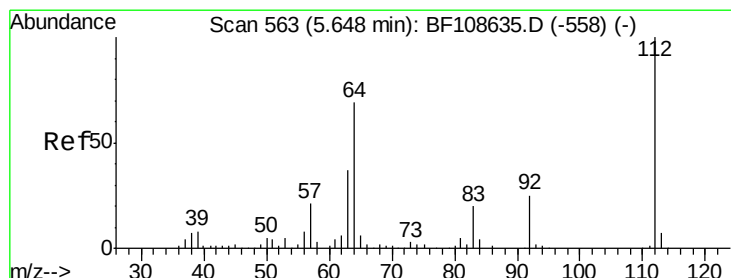
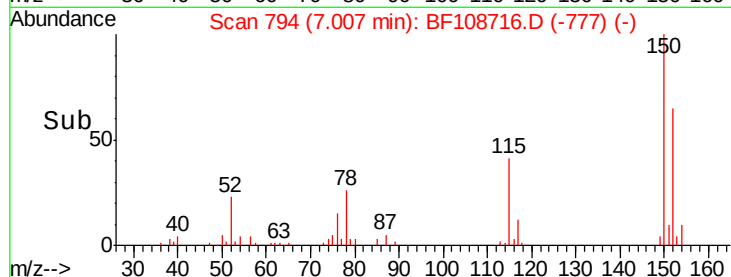
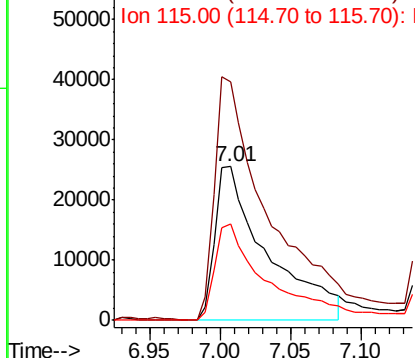
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108716.D
Acq: 1 Sep 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66172
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 62.9 50.1 75.1



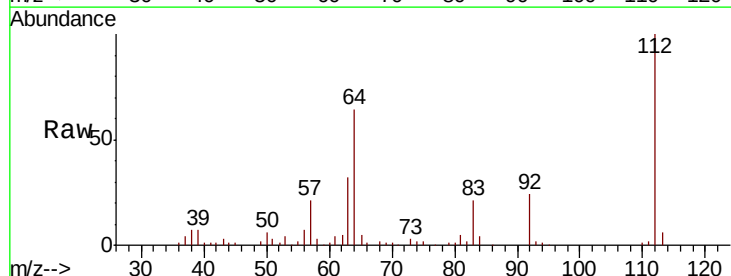
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



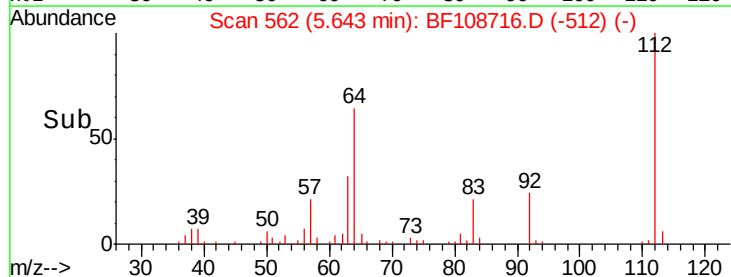
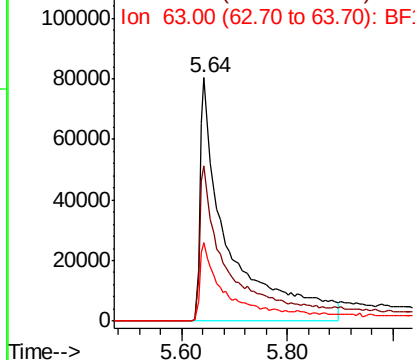
#5

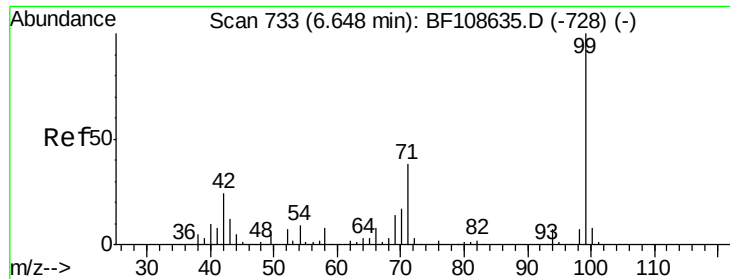
2-Fluorophenol
Concen: 78.333 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108716.D
Acq: 1 Sep 2018 4:14

Tgt Ion:112 Resp: 298378
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.1 23.7 35.5



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: 82.410 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Instrument :

BNA_F

ClientSampled :

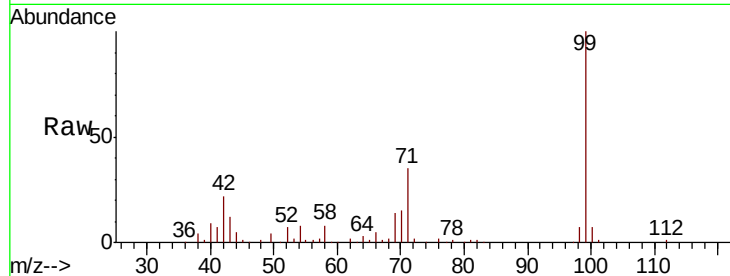
Tot Ion: 99 Resp: 449596

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

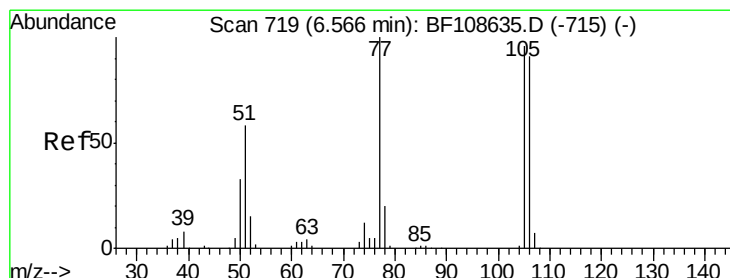
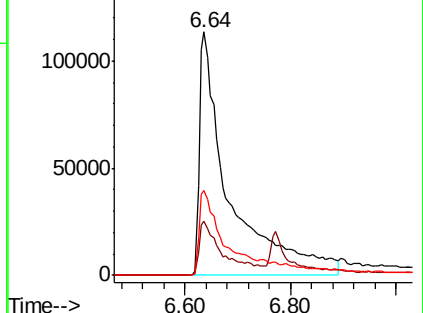
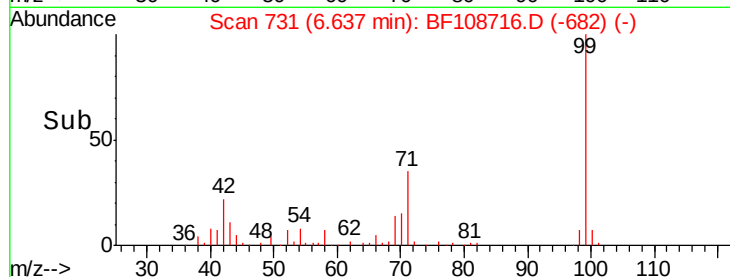
71 34.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.573 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

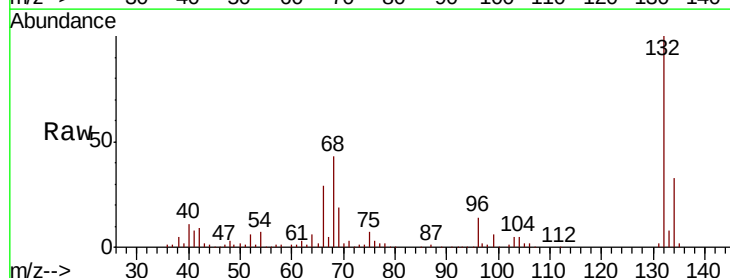
Tgt Ion: 77 Resp: 8675

Ion Ratio Lower Upper

77 100

105 75.2 81.1 121.1#

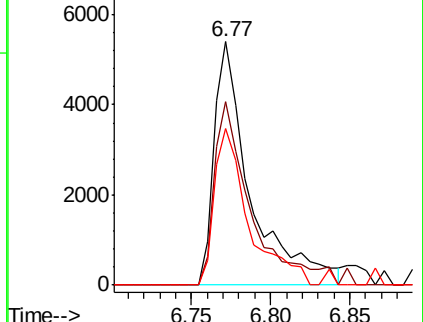
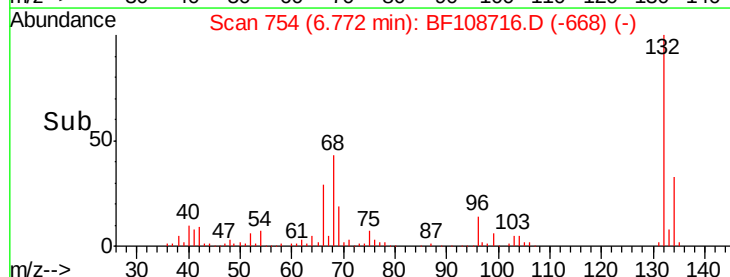
106 64.2 74.5 114.5#

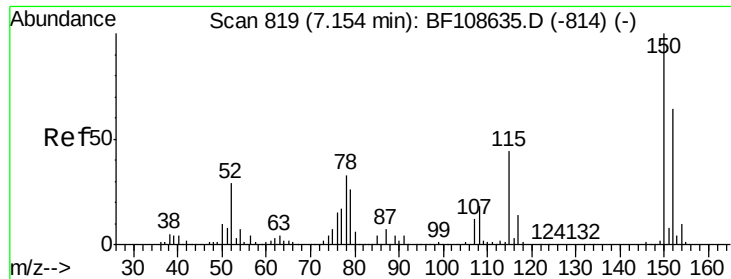


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.145 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Instrument :

BNA_F

ClientSampled :

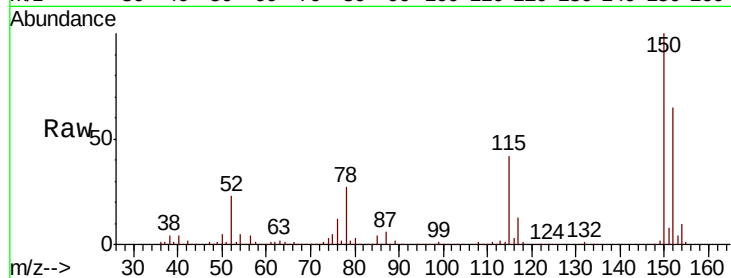
Tot Ion: 79 Resp: 8418

Ion Ratio Lower Upper

79 100

108 28.7 65.1 97.7#

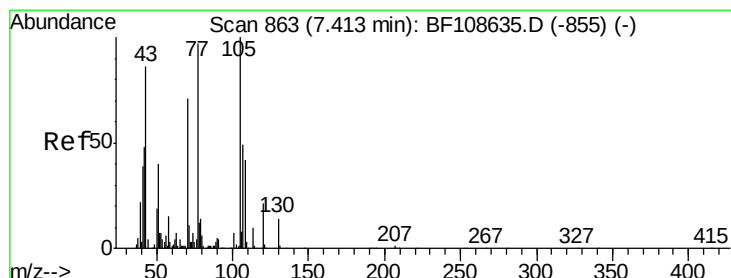
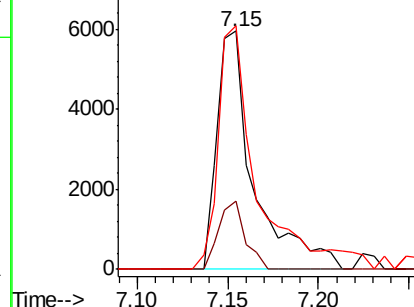
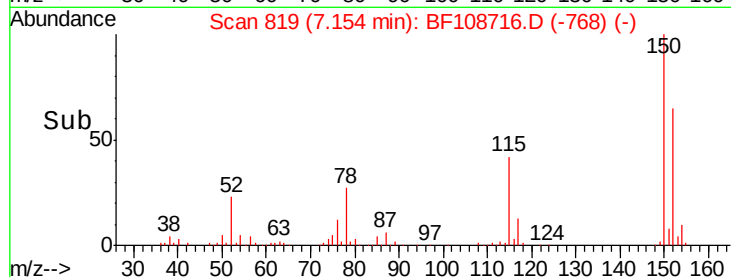
77 102.2 50.6 75.8#



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: 15.114 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Tgt Ion: 70 Resp: 55217

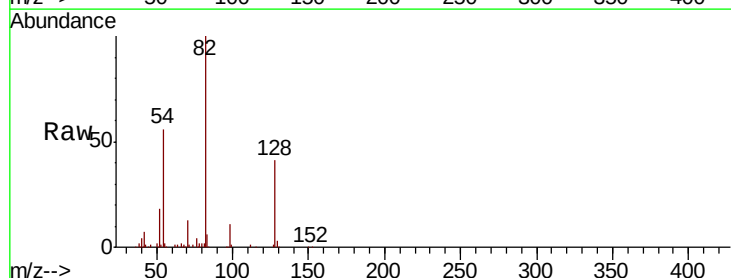
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

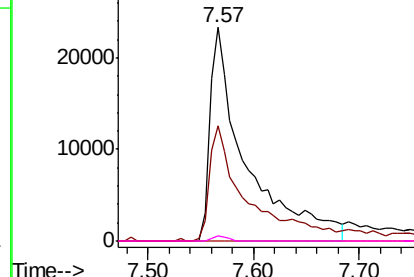
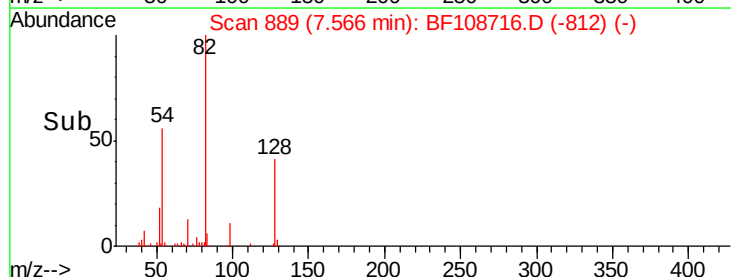


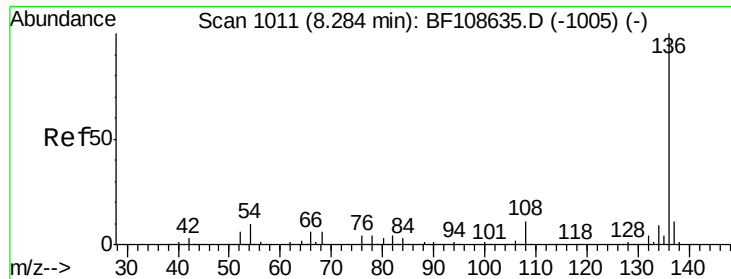
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

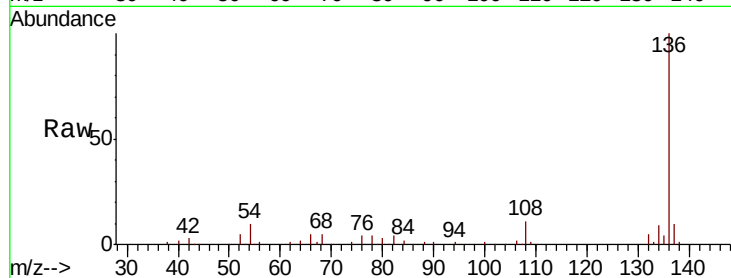




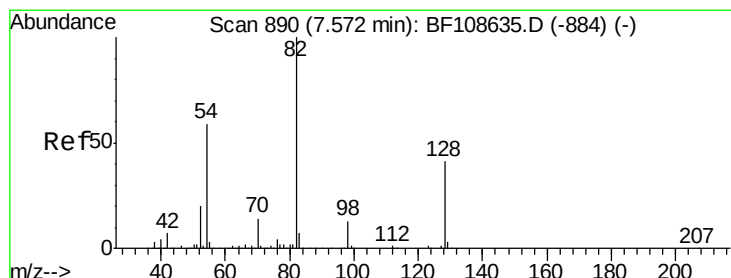
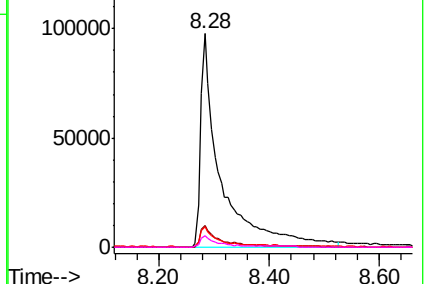
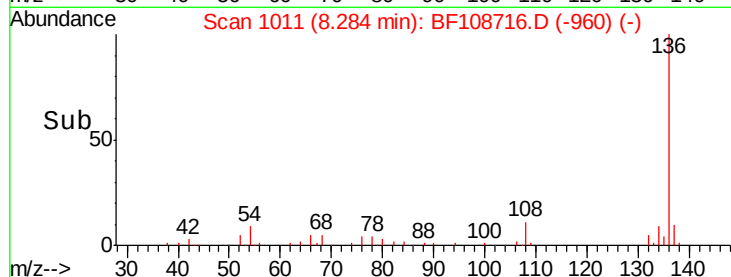
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108716.D
Acq: 1 Sep 2018 4:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	249500
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.9 13.3
54	9.8	6.6 9.8
68	5.1	5.0 7.4

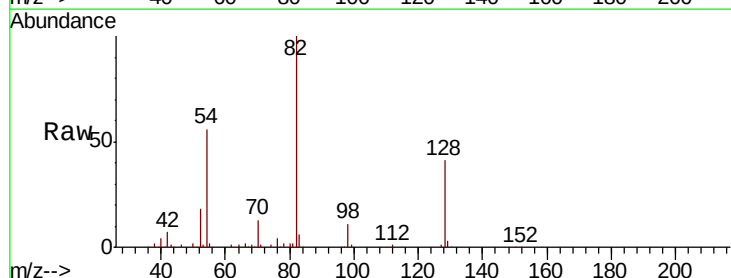


Abundance Ion 136.00 (135.70 to 136.70): E
150000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

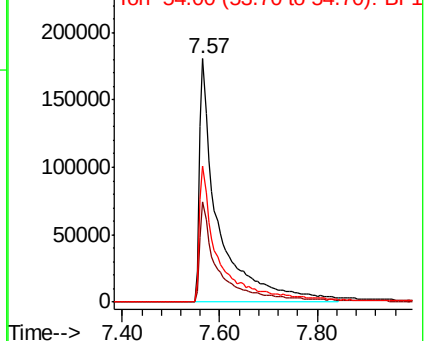
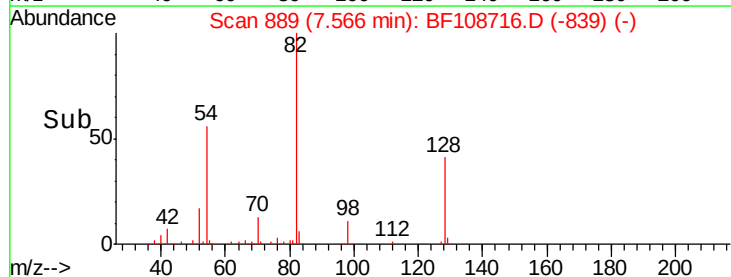


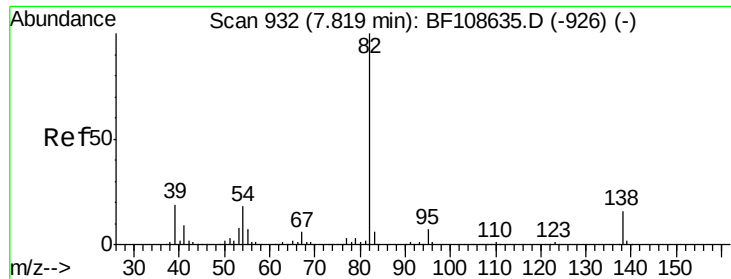
#23
Nitrobenzene-d5
Concen: 98.514 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108716.D
Acq: 1 Sep 2018 4:14

Tgt Ion: 82	Resp:	484240
Ion Ratio	Lower	Upper
82	100	
128	41.4	36.1 54.1
54	56.2	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
250000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 60.811 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Instrument :

BNA_F

ClientSampled :

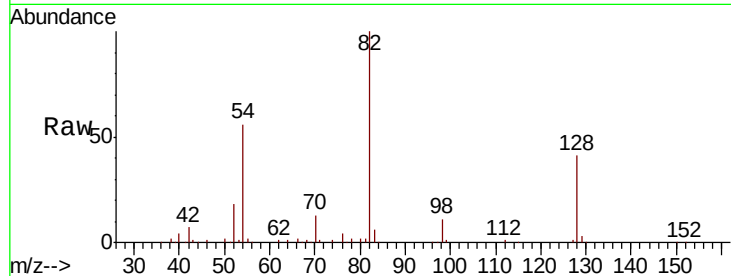
Tot Ion: 82 Resp: 496544

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

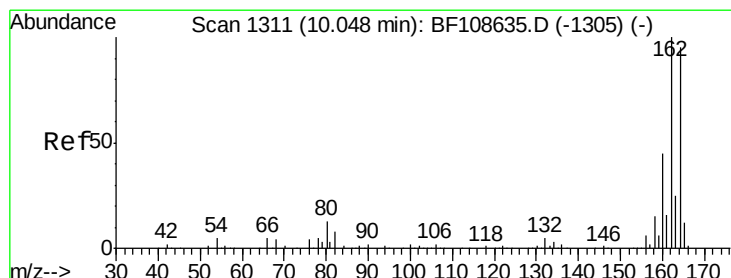
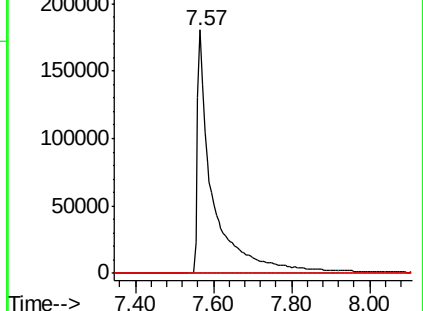
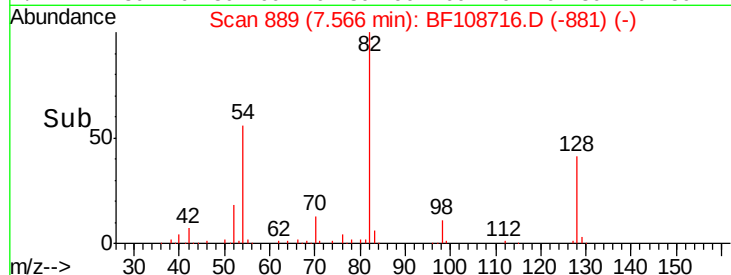
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

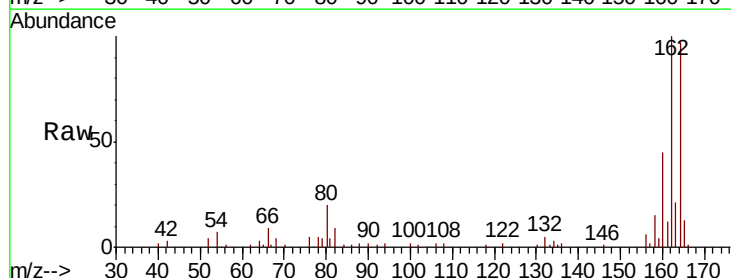
Tgt Ion:164 Resp: 105205

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

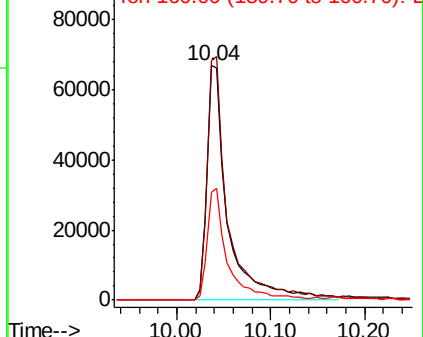
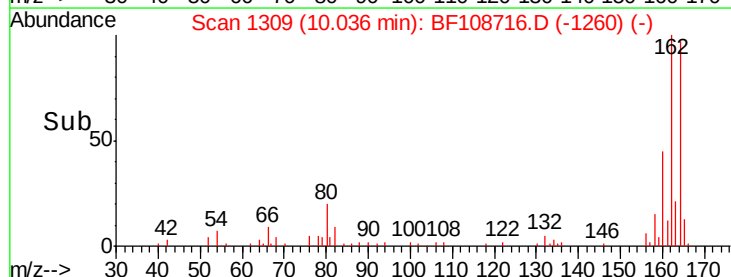
160 46.1 38.3 57.5

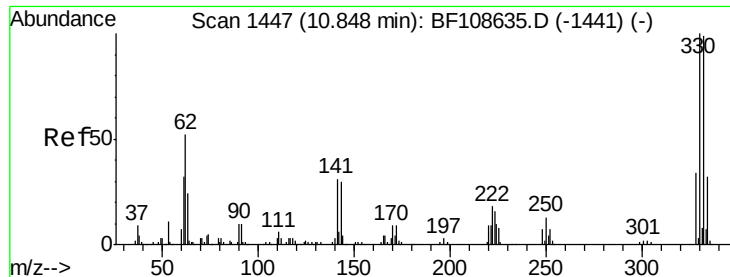


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 73.209 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Instrument :

BNA_F

ClientSampled :

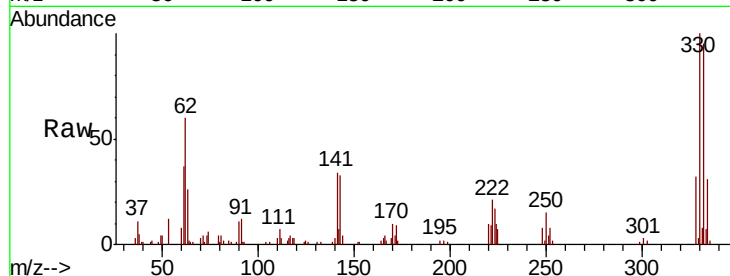
Tot Ion:330 Resp: 101675

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

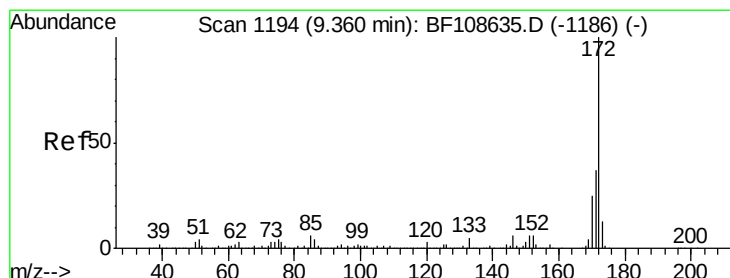
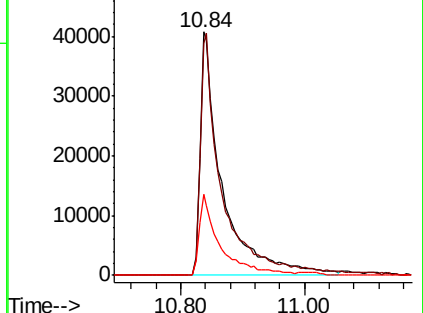
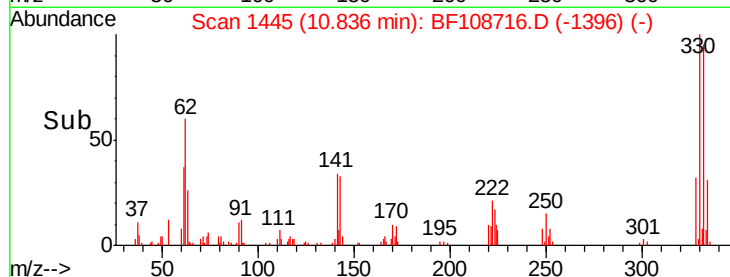
141 31.8 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 114.207 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

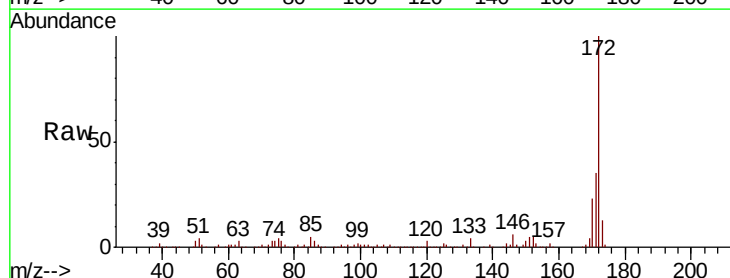
Tgt Ion:172 Resp: 893601

Ion Ratio Lower Upper

172 100

171 35.0 29.7 44.5

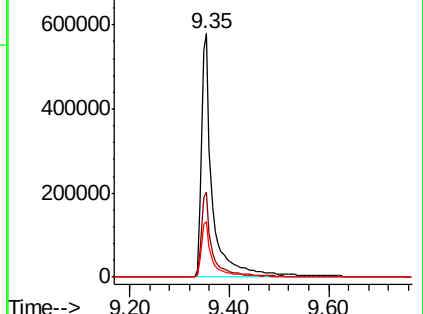
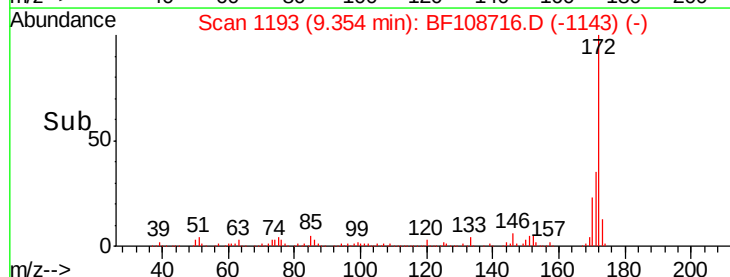
170 22.9 19.6 29.4

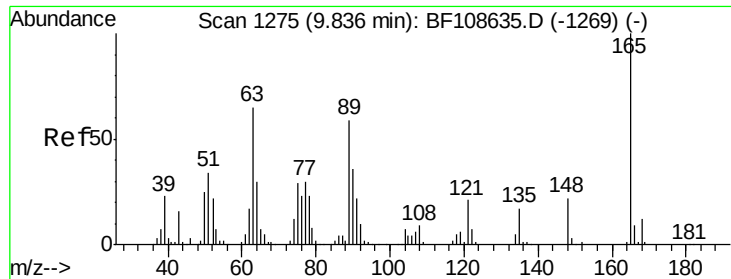


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

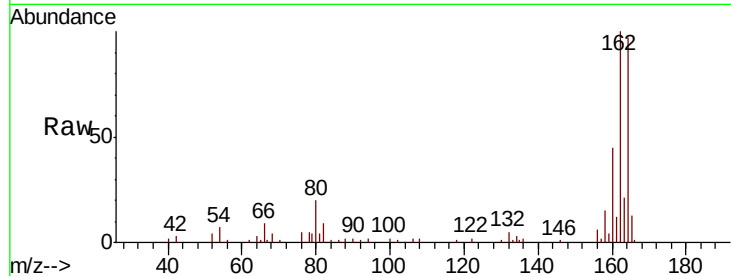




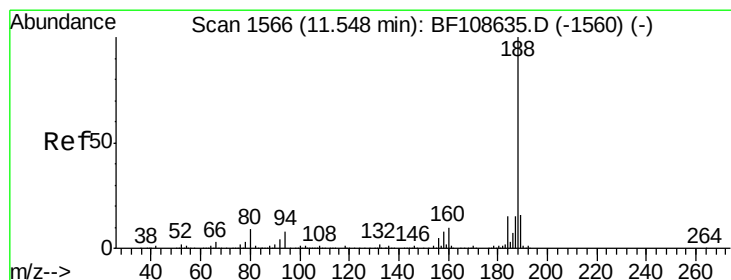
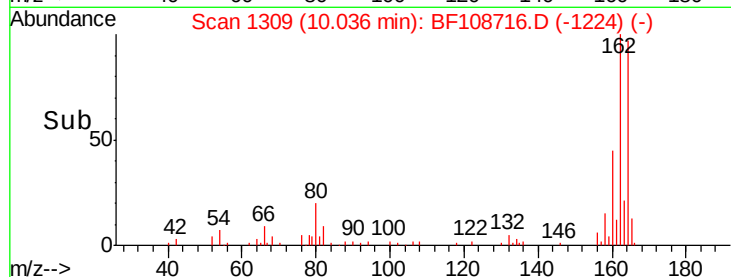
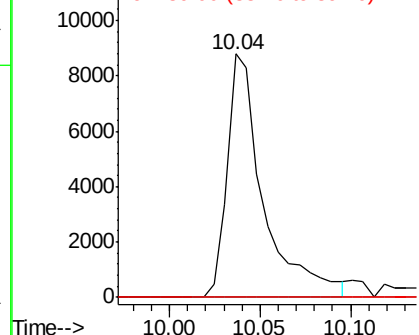
#50
 2,6-Dinitrotoluene
 Concen: 6.708 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF108716.D
 Acq: 1 Sep 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

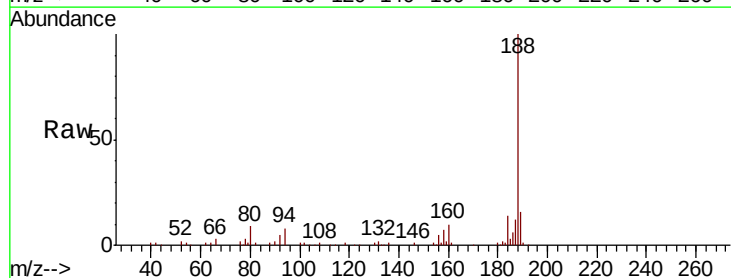


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

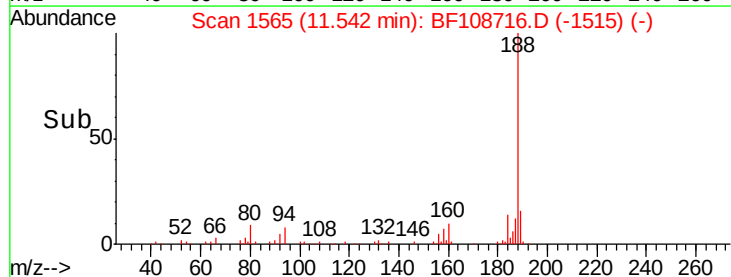
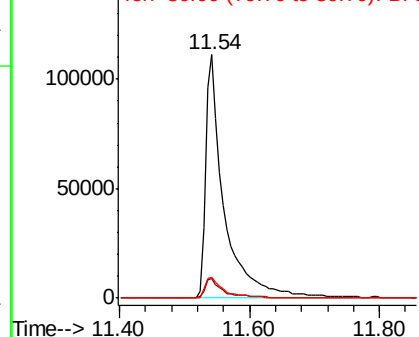


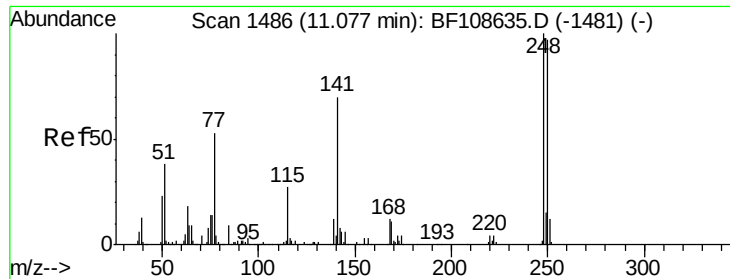
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108716.D
 Acq: 1 Sep 2018 4:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.8	9.2	13.8#



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

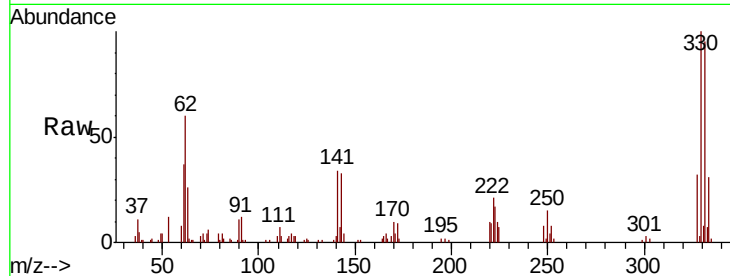




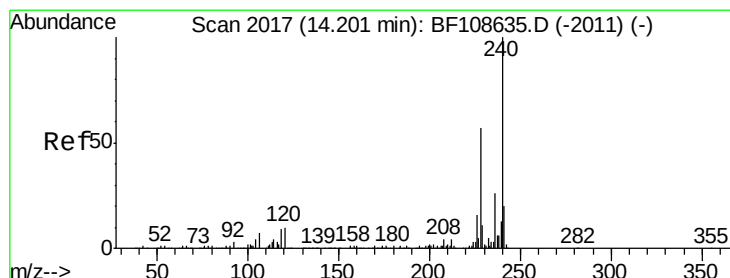
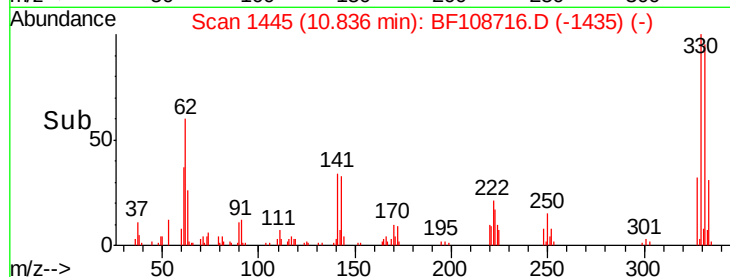
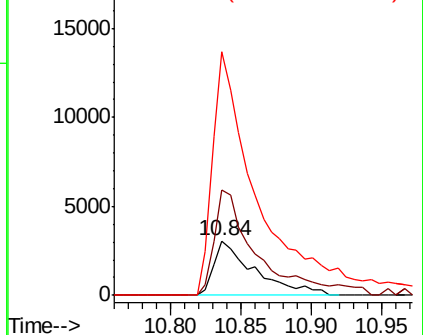
#66
4-Bromophenyl-phenylether
Concen: 2.312 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108716.D
Acq: 1 Sep 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6197
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 446.5 74.4 111.6#

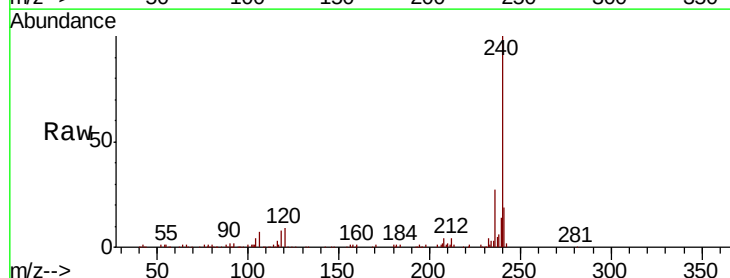


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

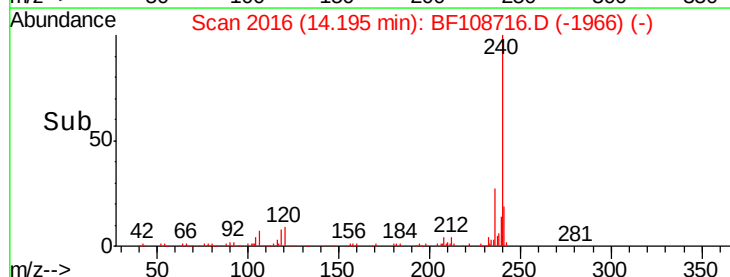
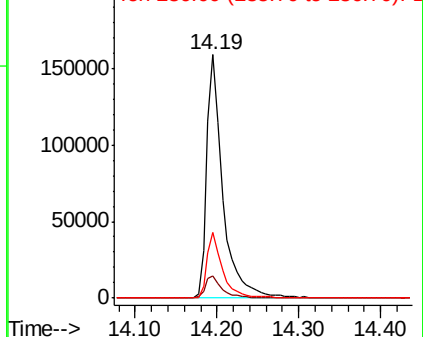


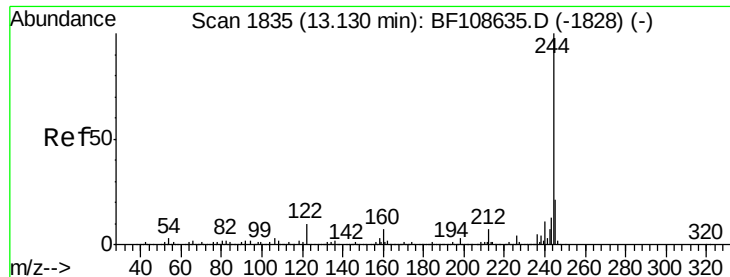
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108716.D
Acq: 1 Sep 2018 4:14

Tgt Ion:240 Resp: 219168
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 27.2 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





#78

Terphenyl-d14

Concen: 83.200 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Instrument :

BNA_F

ClientSampleId :

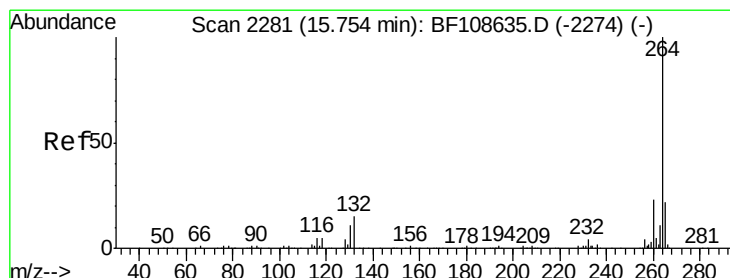
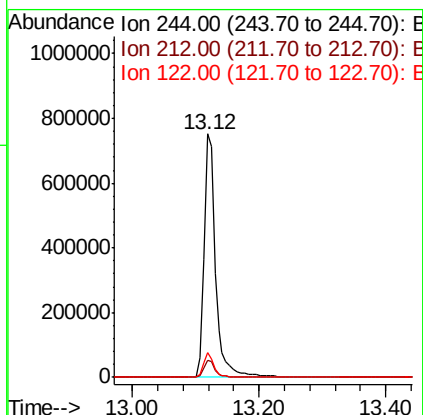
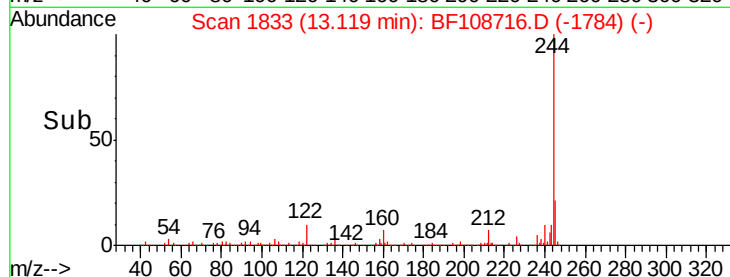
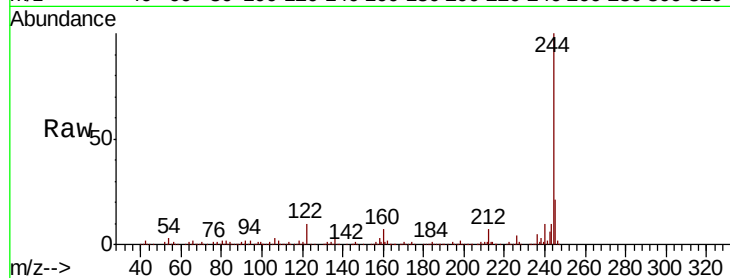
Tot Ion:244 Resp: 938507

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 9.9 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF108716.D

Acq: 1 Sep 2018 4:14

Tgt Ion:264 Resp: 156272

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.7 17.5 26.3

