

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108538.D
 Acq On : 28 Aug 2018 4:36
 Operator : JU/SJ
 Sample : J4659-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:59:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

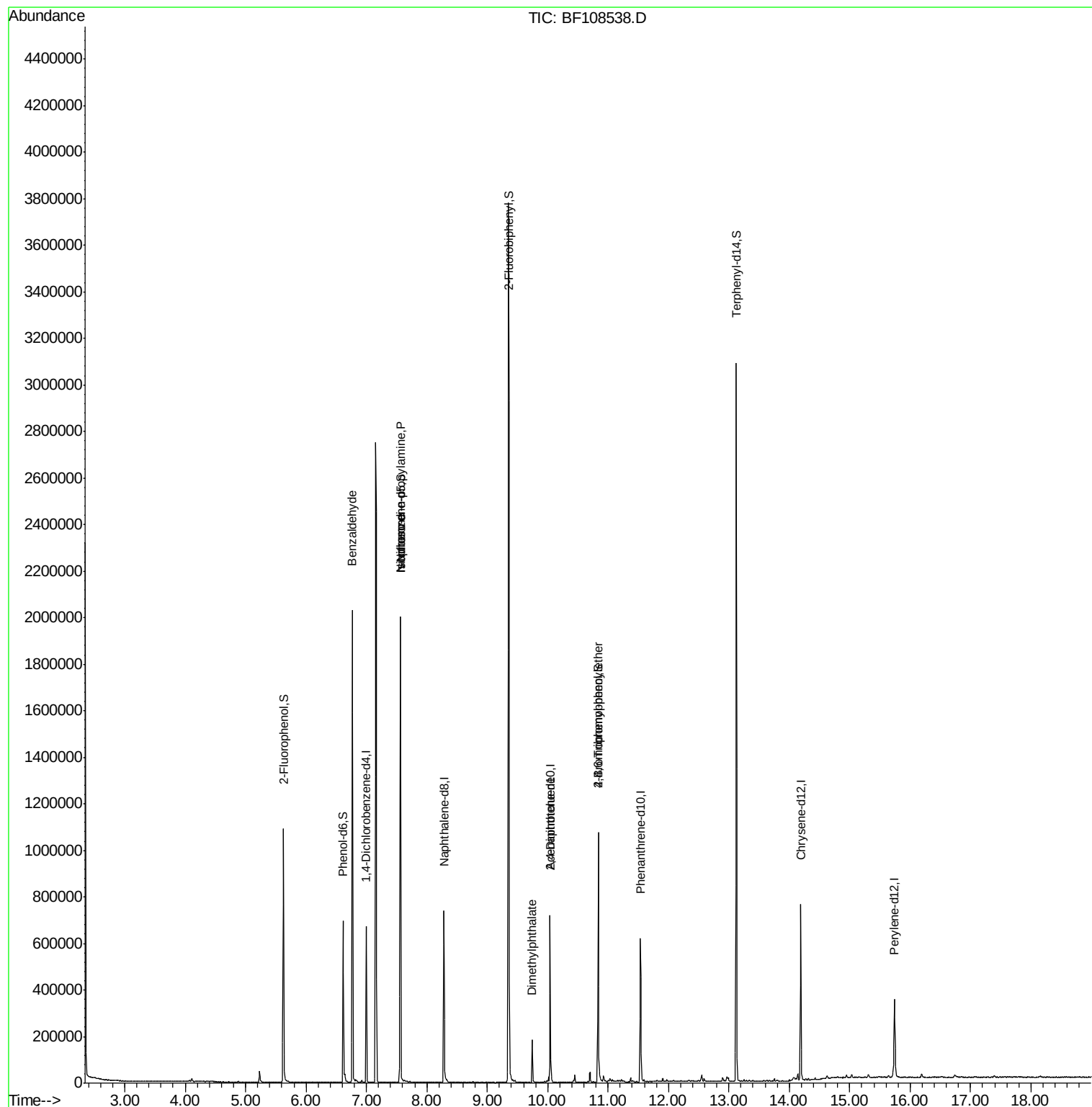
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	98515	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	335179	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	132247	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	227704	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	259502	20.00	ng	-0.01
86) Perylene-d12	15.74	264	174441	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	259702	47.73	ng	0.00
7) Phenol-d6	6.61	99	206875	28.61	ng	-0.02
23) Nitrobenzene-d5	7.57	82	697397	116.10	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	134953	102.30	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1193385	144.88	ng	-0.01
78) Terphenyl-d14	13.12	244	1049126	102.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	12240	2.183	ng	# 71
19) n-Nitroso-di-n-propylamine	7.57	70	93605	19.143	ng	# 82
25) Isophorone	7.57	82	697393	60.914	ng	# 64
49) Dimethylphthalate	9.74	163	77122	8.372	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	16384	6.604	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	8461	3.419	ng	# 1

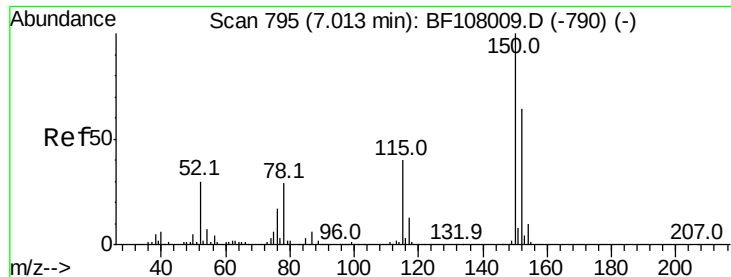
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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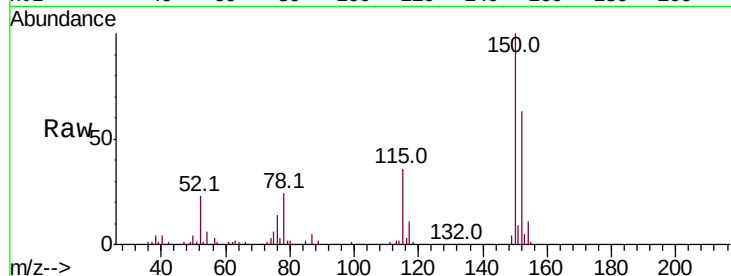


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	57.8	50.1	75.1

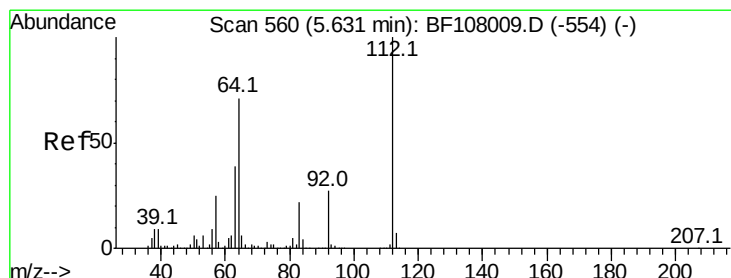
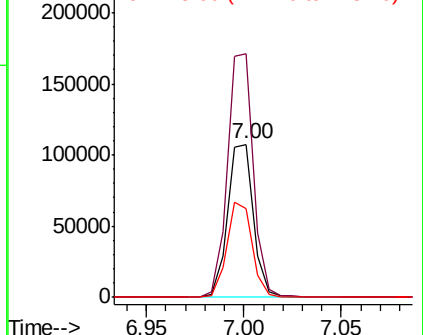
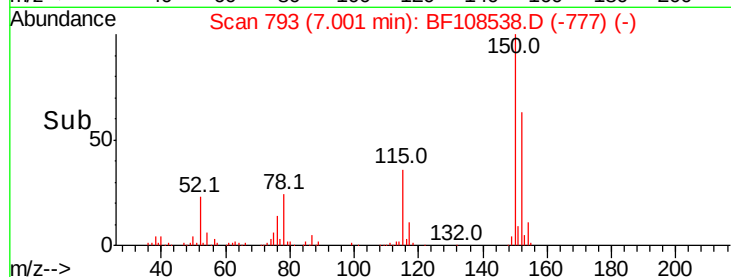


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

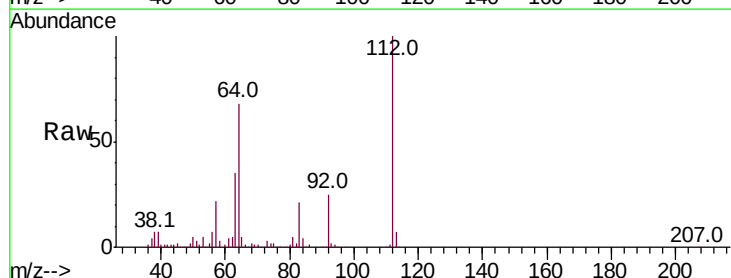
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.727 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	34.6	23.7	35.5

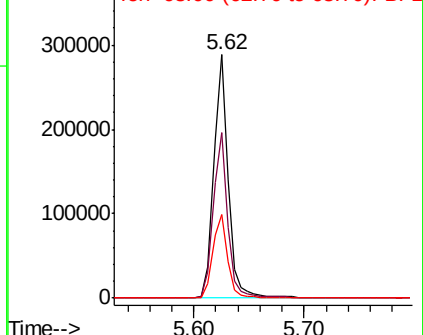
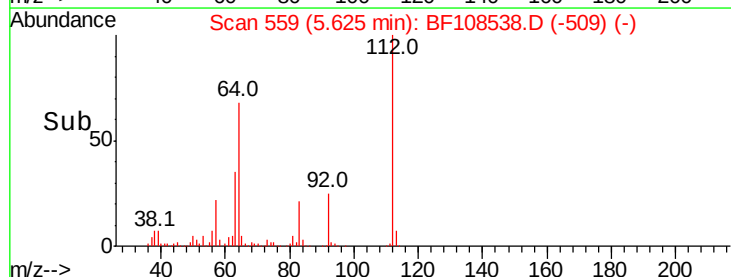


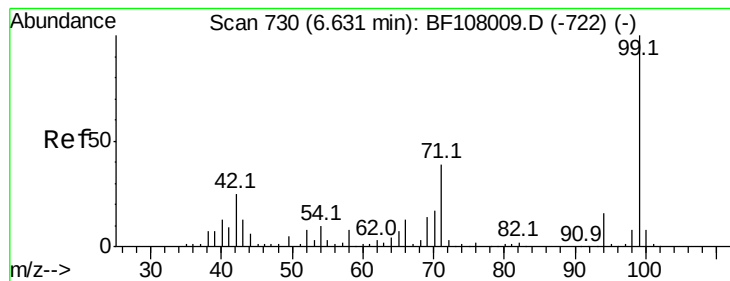
Abundance

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: 28.610 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

Instrument :

BNA_F

ClientSampled :

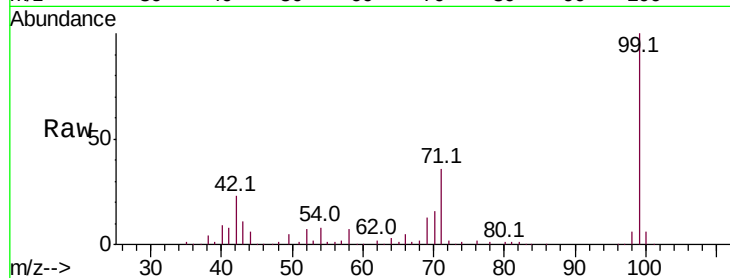
Tot Ion: 99 Resp: 206875

Ion Ratio Lower Upper

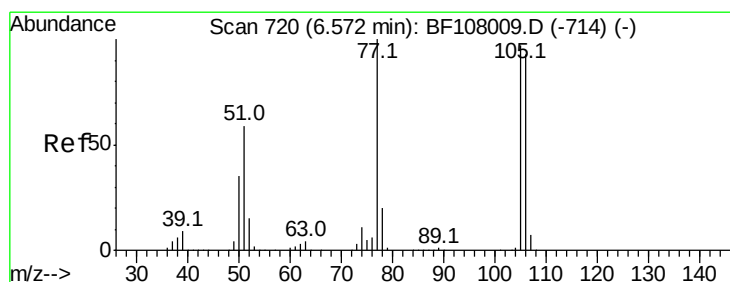
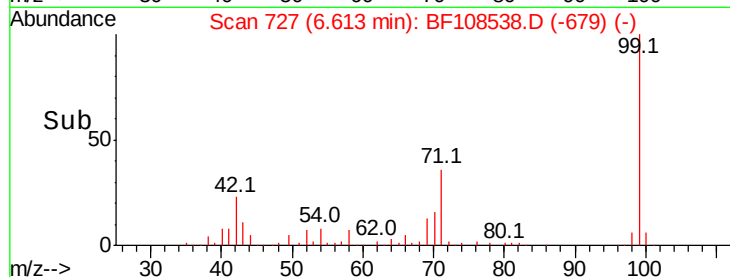
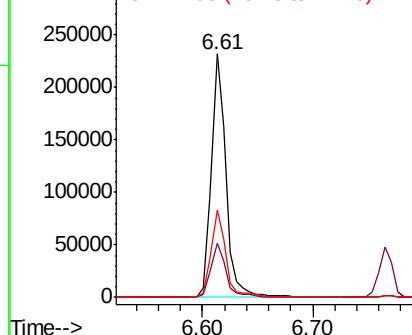
99 100

42 22.5 14.5 21.7#

71 36.1 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: 2.183 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

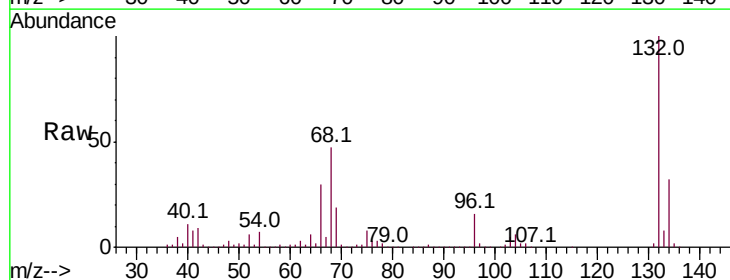
Tgt Ion: 77 Resp: 12240

Ion Ratio Lower Upper

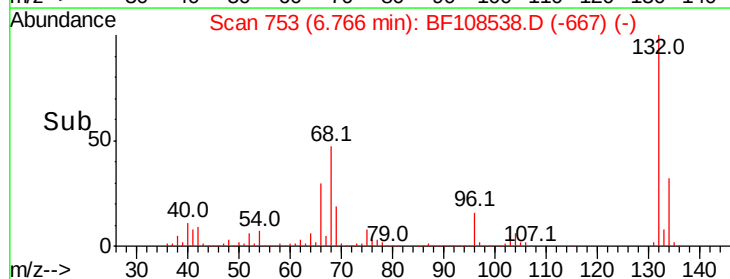
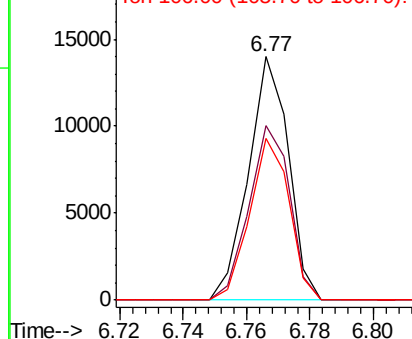
77 100

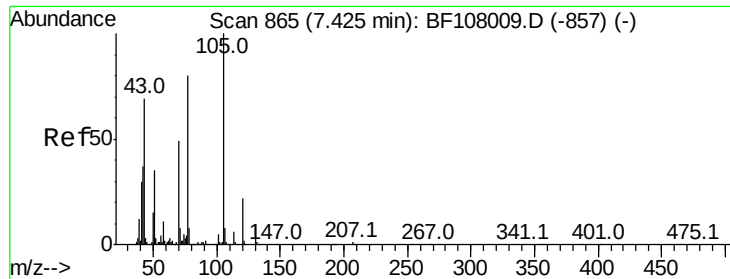
105 71.8 81.1 121.1#

106 66.2 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

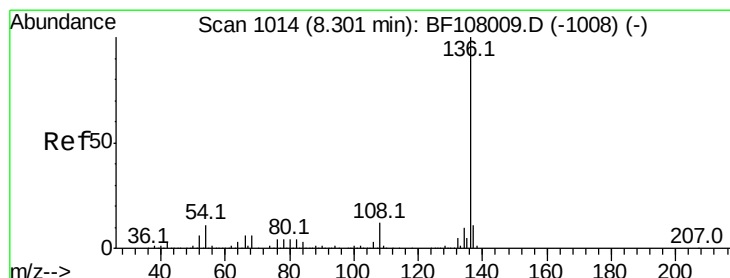
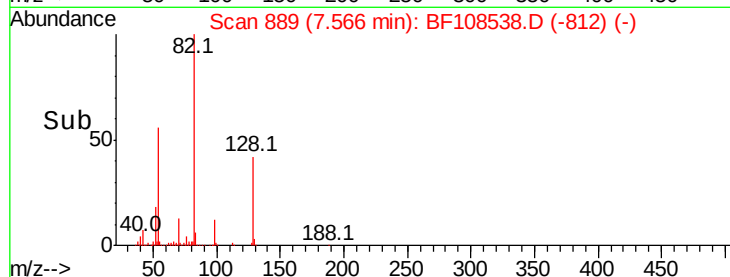
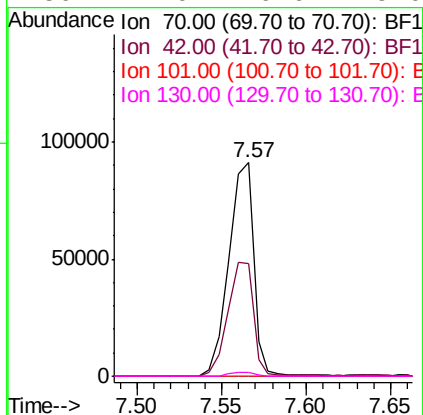
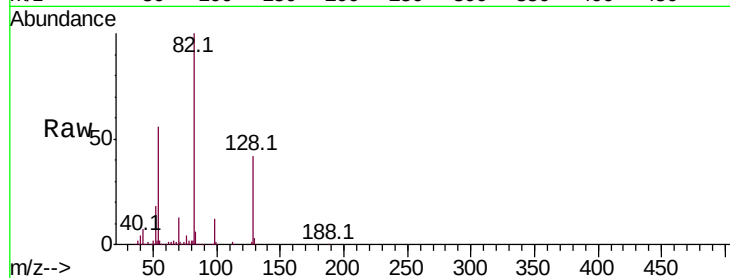




#19
n-Nitroso-di-n-propylamine
Concen: 19.143 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

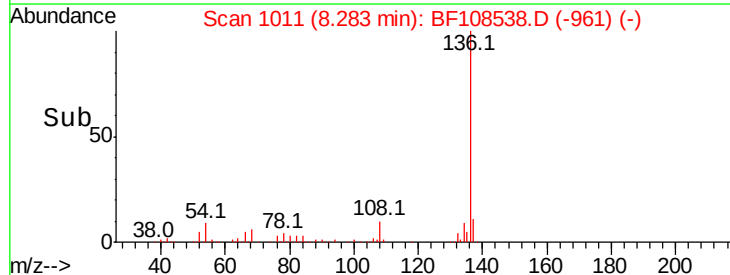
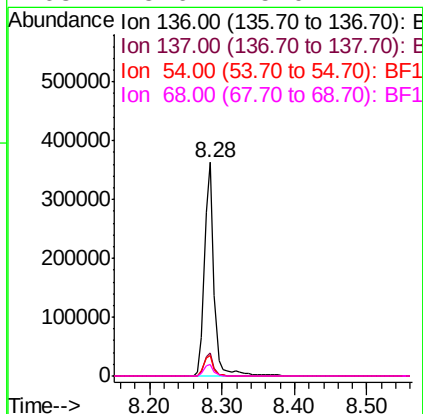
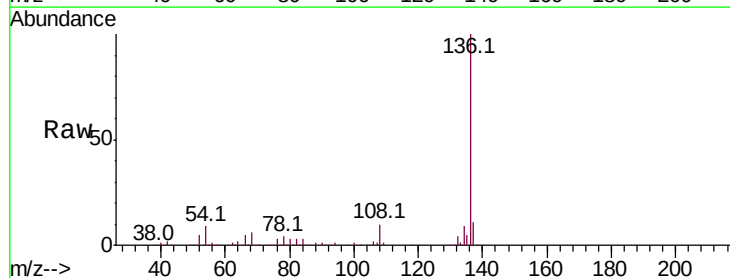
Instrument :
BNA_F
ClientSampleId :

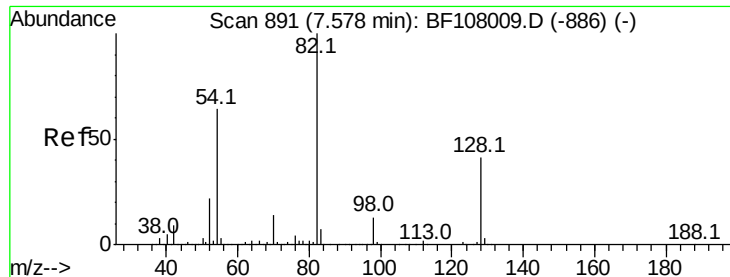
Tot Ion:	70	Resp:	93605
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Tgt Ion:	136	Resp:	335179
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.6	5.0	7.4

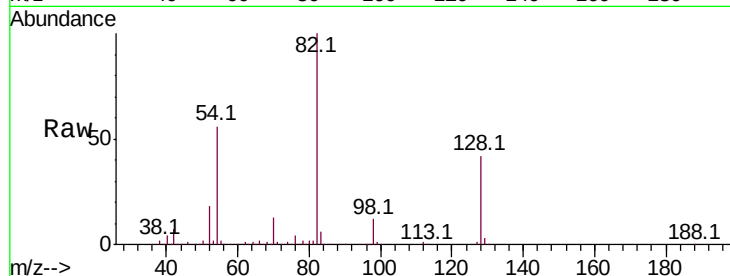




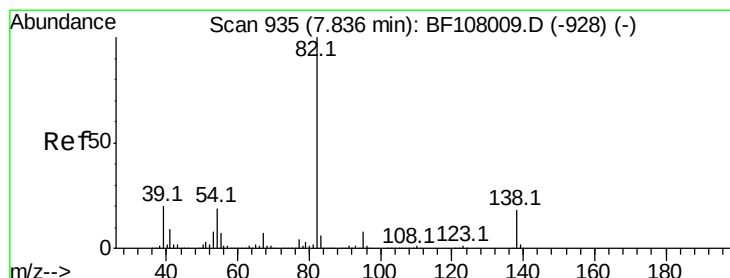
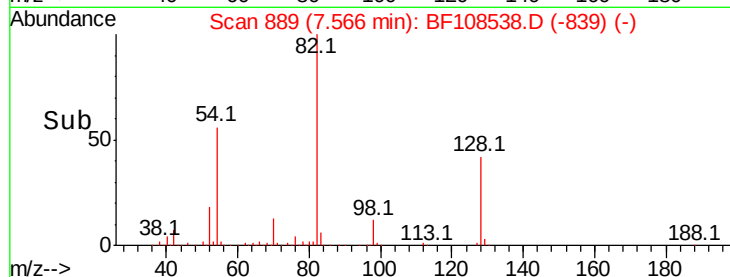
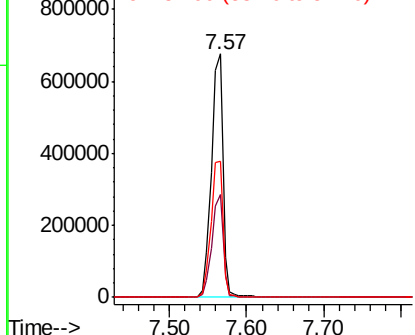
#23
 Nitrobenzene-d5
 Concen: 116.104 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	55.7	41.4	62.2

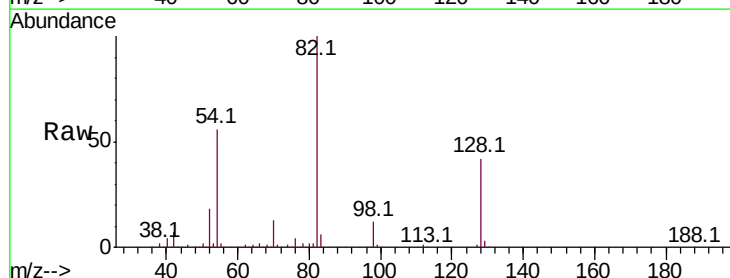


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

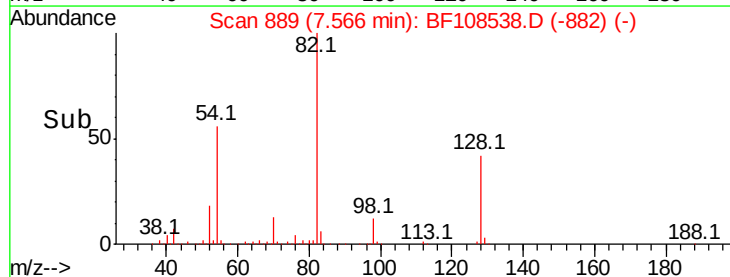
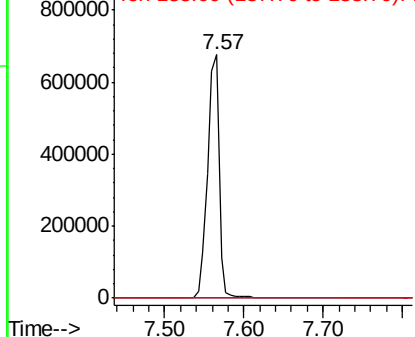


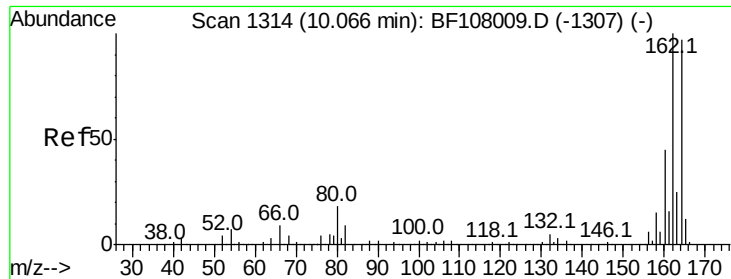
#25
 Isophorone
 Concen: 60.914 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Tgt 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

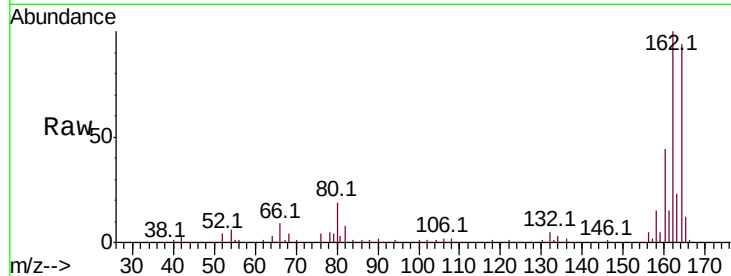




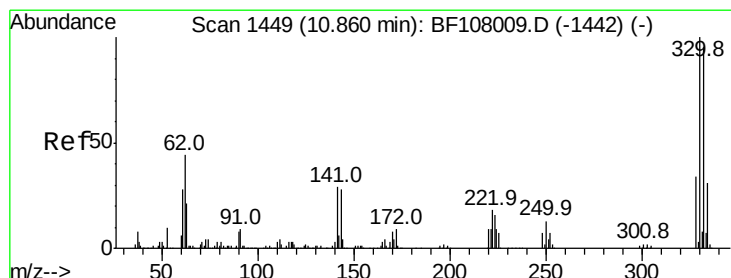
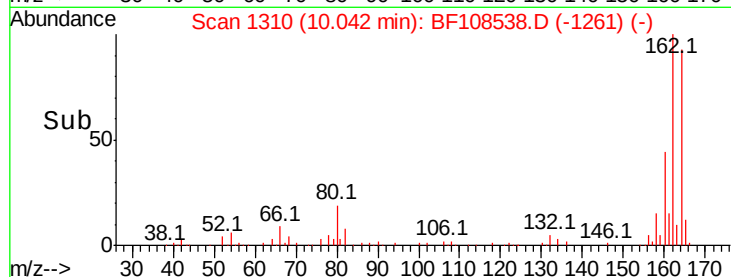
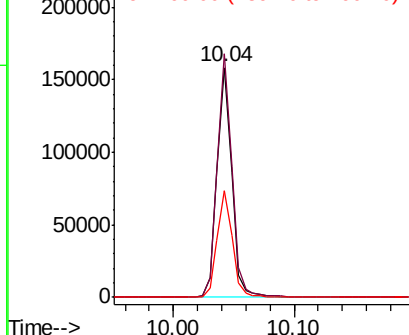
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 132247
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 46.5 38.3 57.5

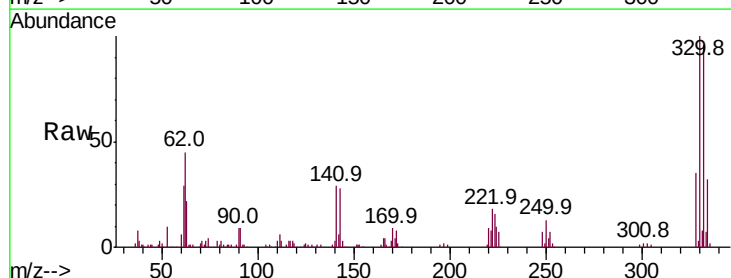


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

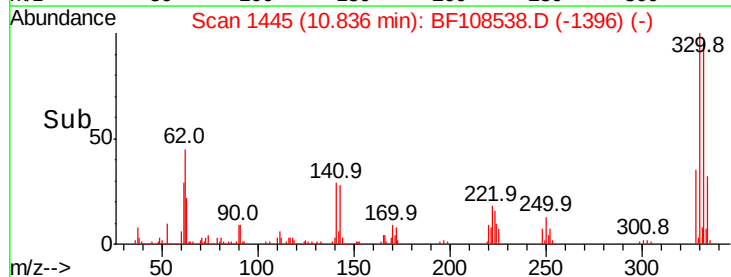
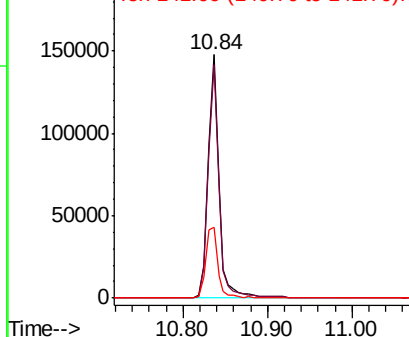


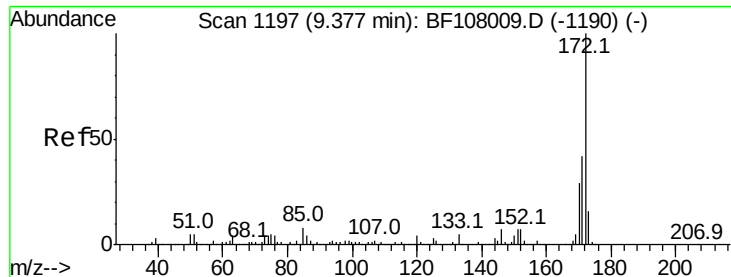
#41
2,4,6-Tribromophenol
Concen: 102.305 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Tgt Ion:330 Resp: 134953
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 32.5 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

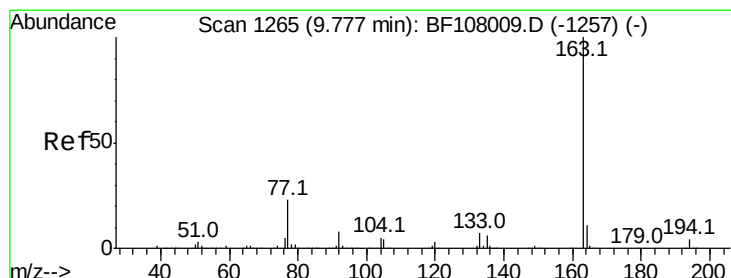
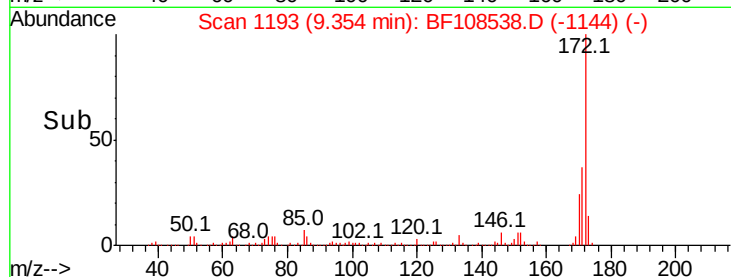
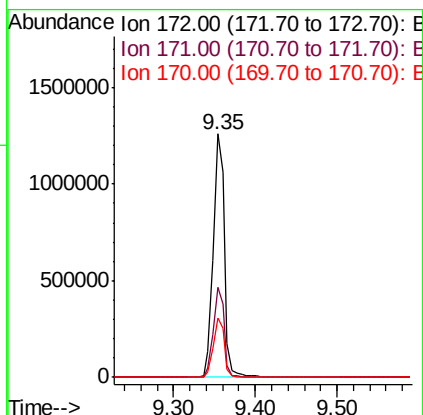
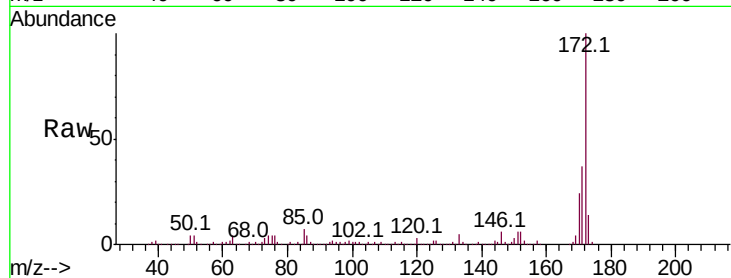




#44
2-Fluorobiphenyl
Concen: 144.876 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

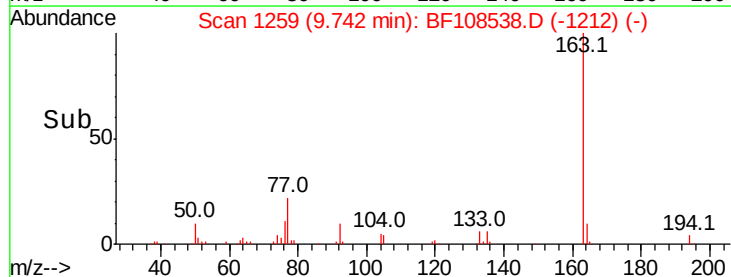
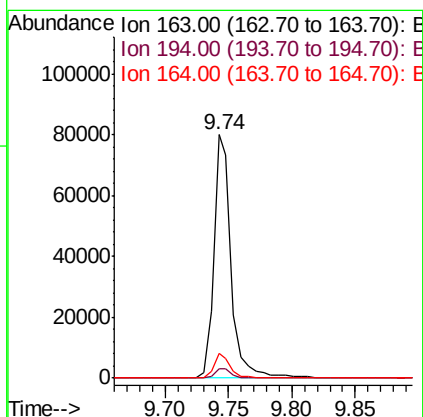
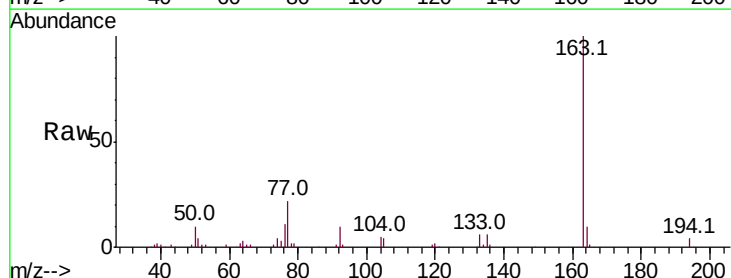
Instrument :
BNA_F
ClientSampleId :

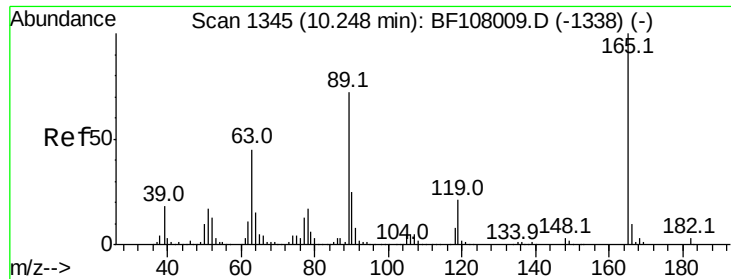
Tot Ion:172 Resp: 1193385
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 8.372 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108538.D
Acq: 28 Aug 2018 4:36

Tgt Ion:163 Resp: 77122
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

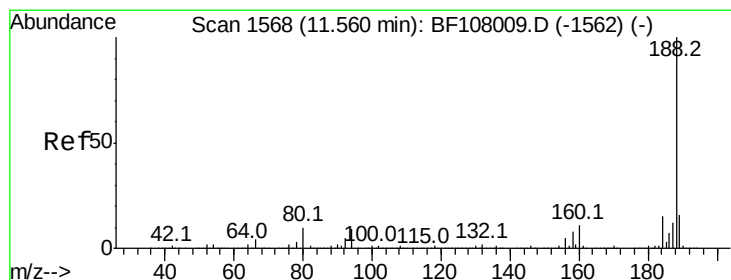
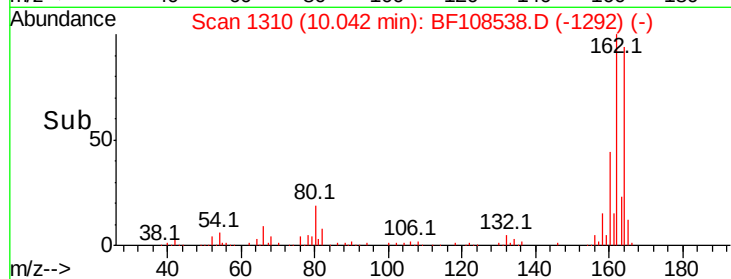
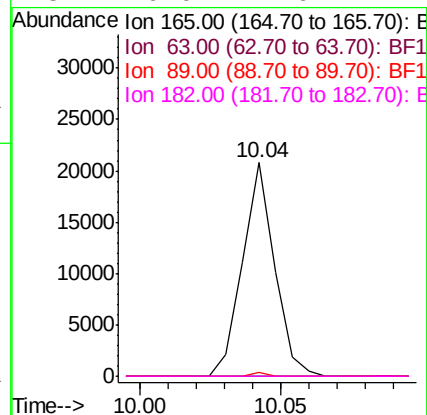
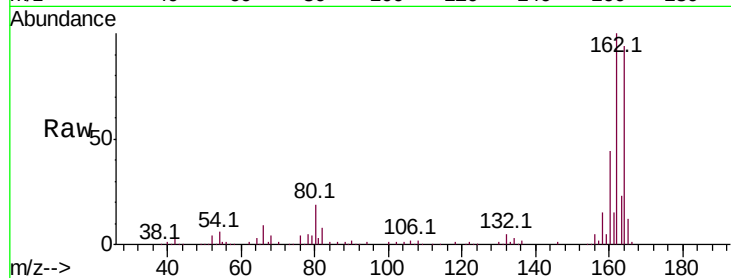




#56
 2,4-Dinitrotoluene
 Concen: 6.604 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

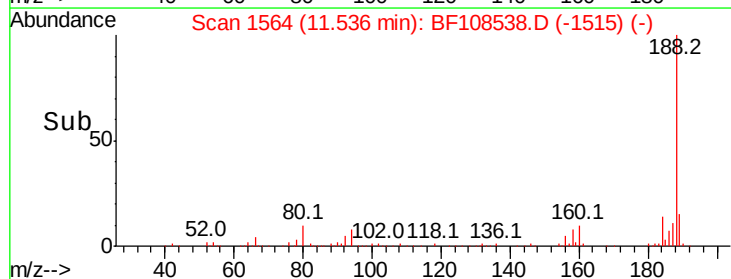
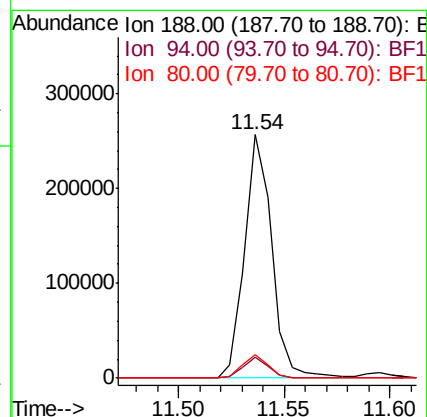
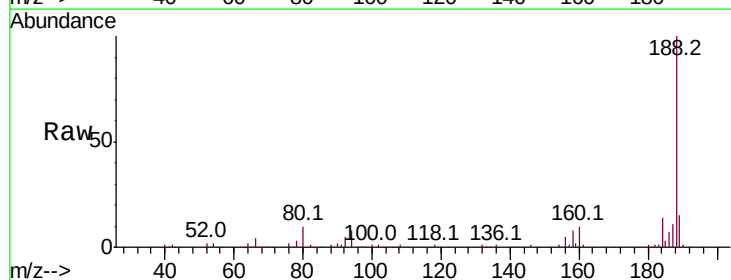
Instrument :
 BNA_F
 ClientSampleId :

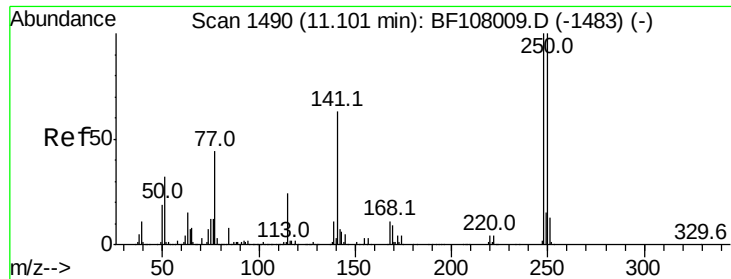
Tot Ion:	165	Resp:	16384
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Tgt Ion:	188	Resp:	227704
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.9	9.2	13.8

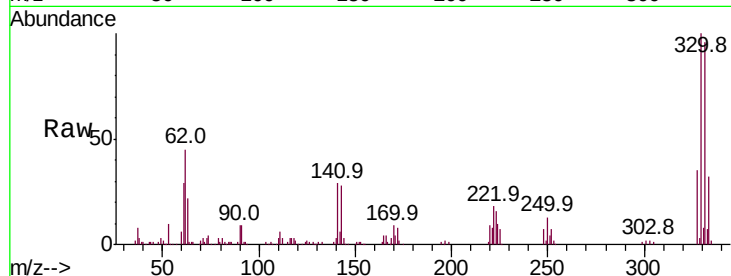




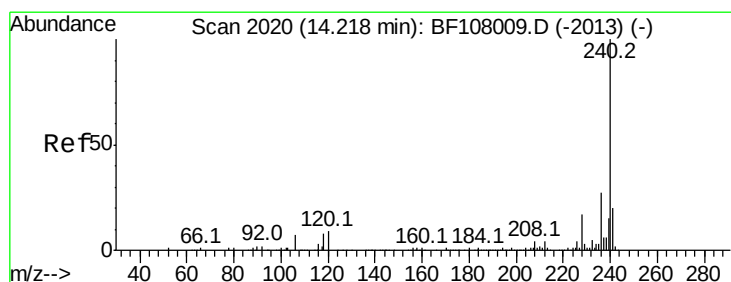
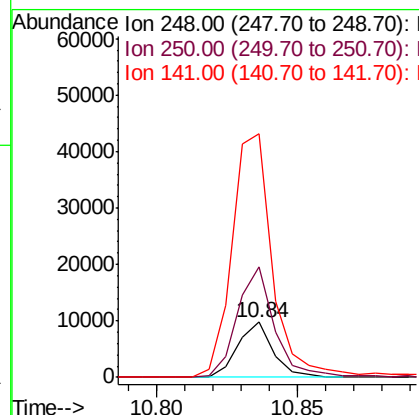
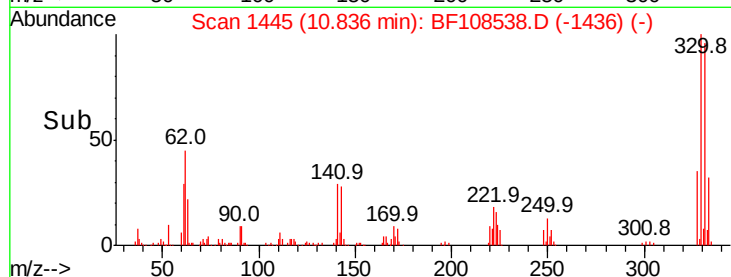
#66
 4-Bromophenyl-phenylether
 Concen: 3.419 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8461
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 441.9 74.4 111.6#

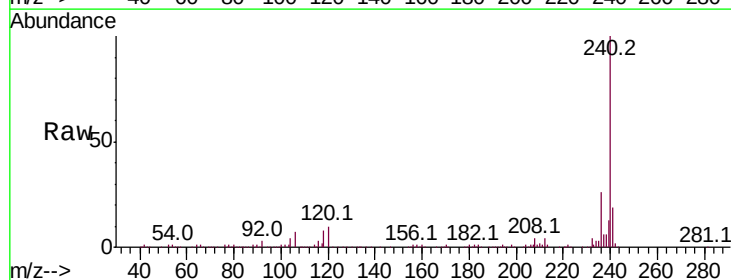


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

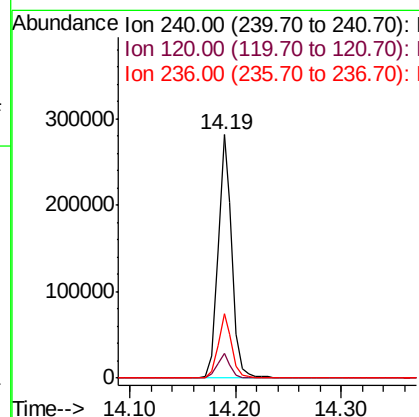
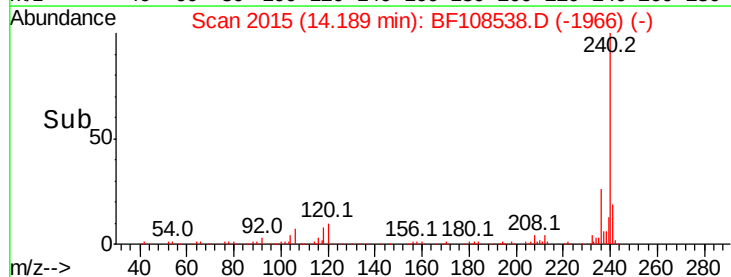


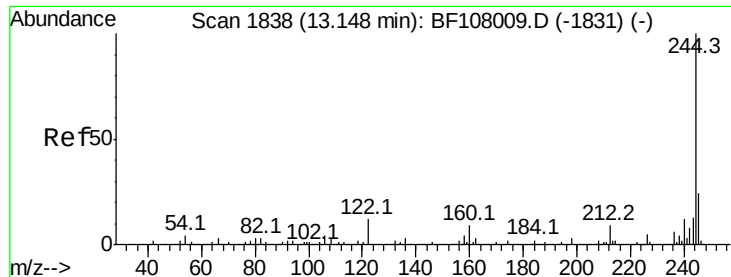
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108538.D
 Acq: 28 Aug 2018 4:36

Tgt Ion:240 Resp: 259502
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 26.5 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: 102.792 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

Instrument :

BNA_F

ClientSampleId :

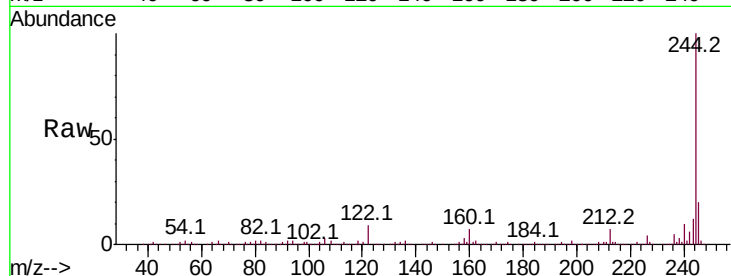
Tot Ion:244 Resp: 1049126

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

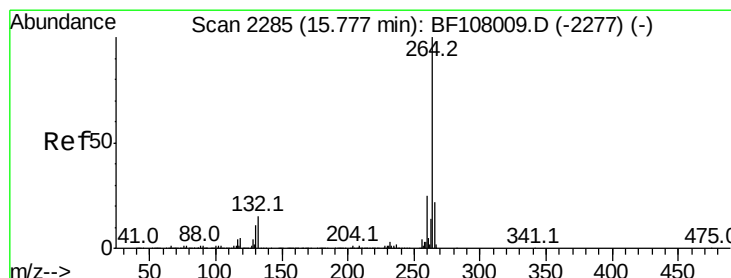
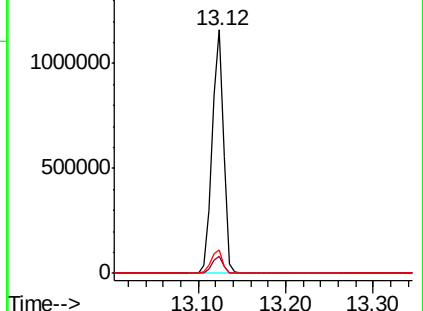
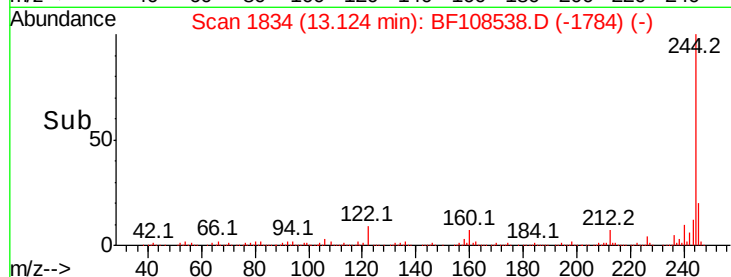
122 9.5 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF108538.D

Acq: 28 Aug 2018 4:36

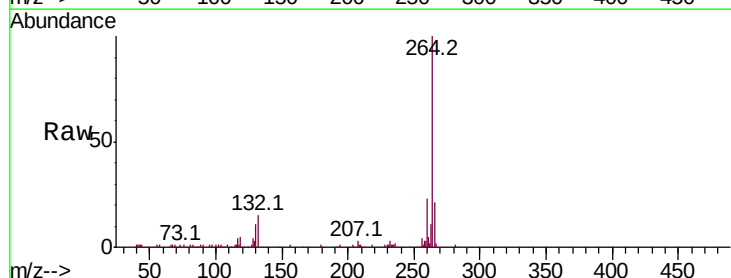
Tgt Ion:264 Resp: 174441

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.4 17.5 26.3



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

