

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108654.D
 Acq On : 30 Aug 2018 21:39
 Operator : JU/SJ
 Sample : J4699-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:12:34 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

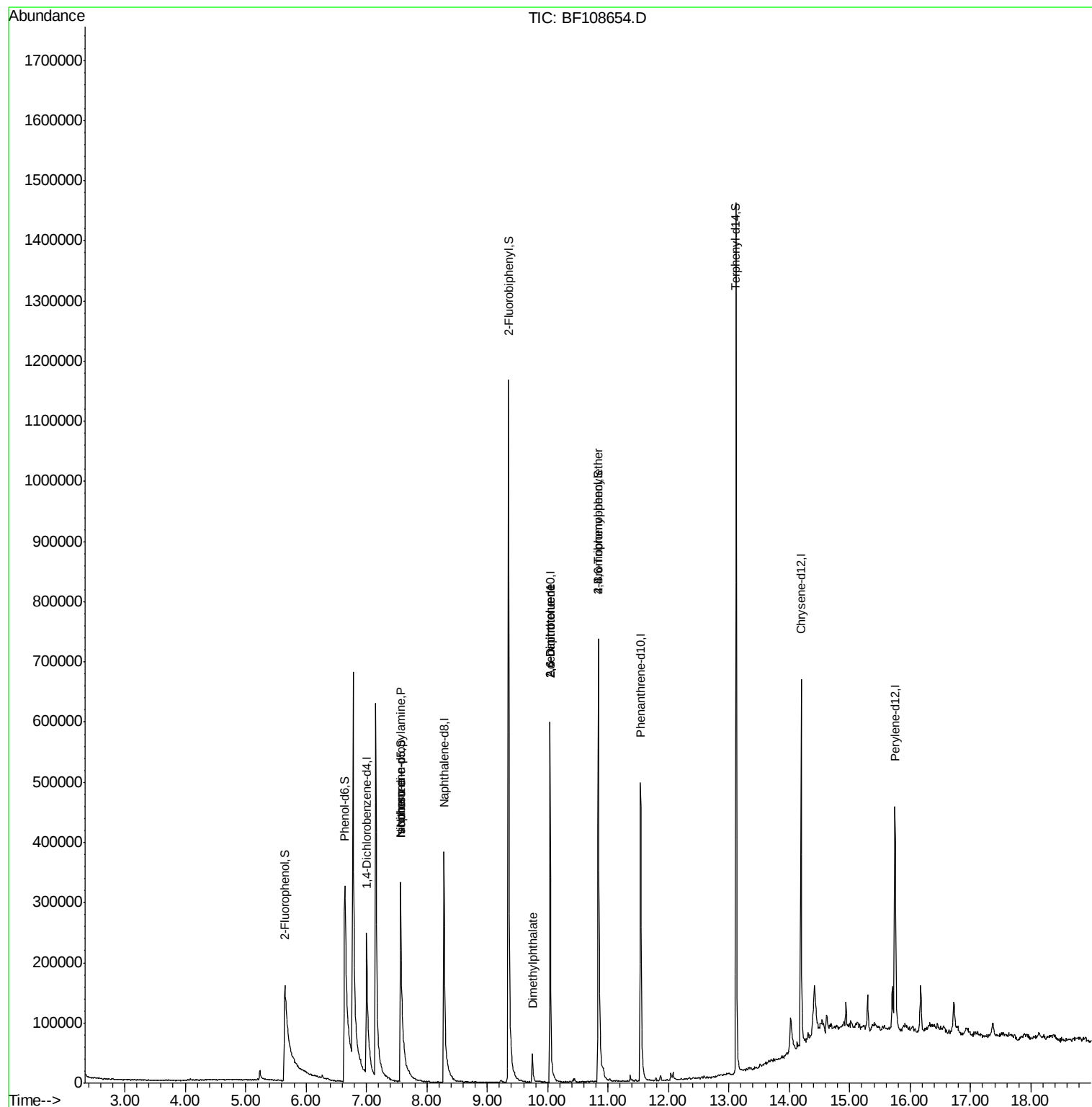
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	79900	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	337966	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	156398	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	277060	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	265650	20.00	ng	0.00
86) Perylene-d12	15.75	264	218014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	234545	51.00	ng	0.00
7) Phenol-d6	6.64	99	405340	61.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	284788	42.77	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	140041	67.83	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	537621	46.22	ng	0.00
78) Terphenyl-d14	13.12	244	567599	41.51	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	35298	8.001	ng	# 86
25) Isophorone	7.57	82	284788	25.748	ng	# 64
49) Dimethylphthalate	9.75	163	37544	3.048	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	19246	7.090	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	19246	5.354	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	8739	2.566	ng	# 1

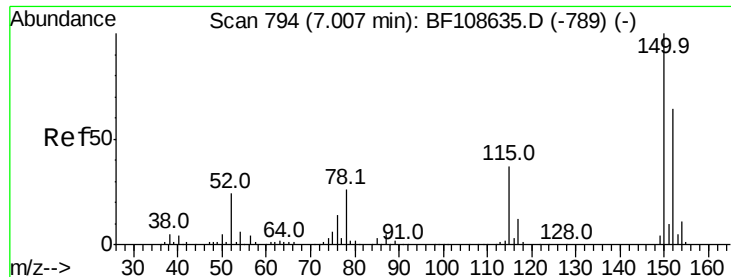
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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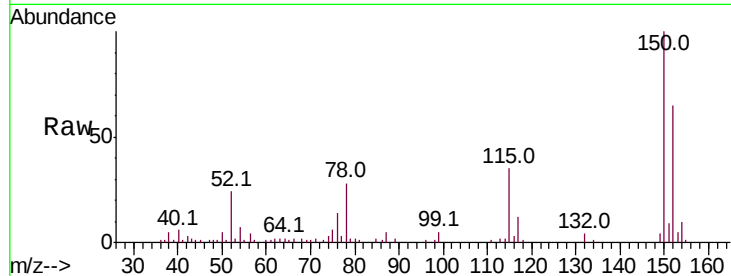


#1

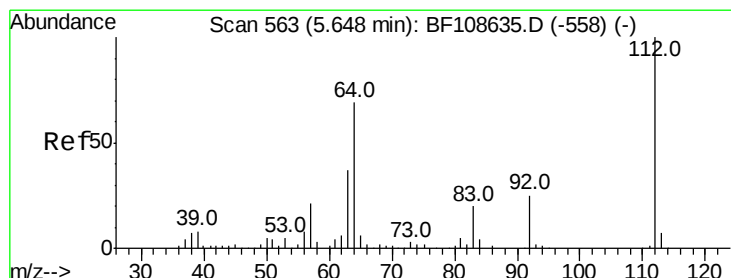
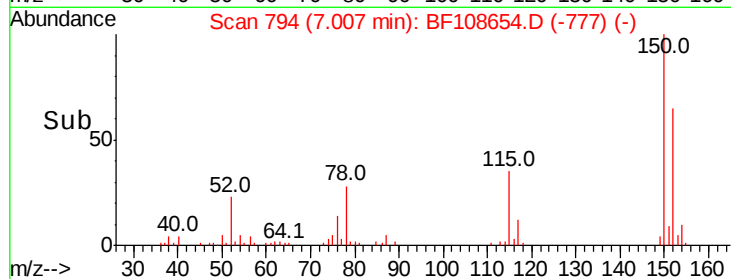
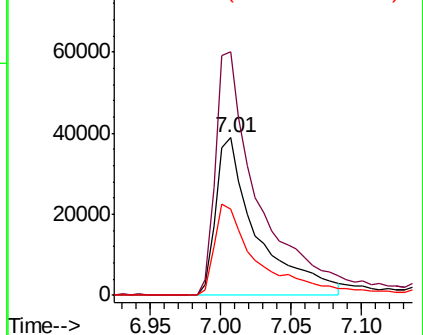
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	54.8	50.1	75.1



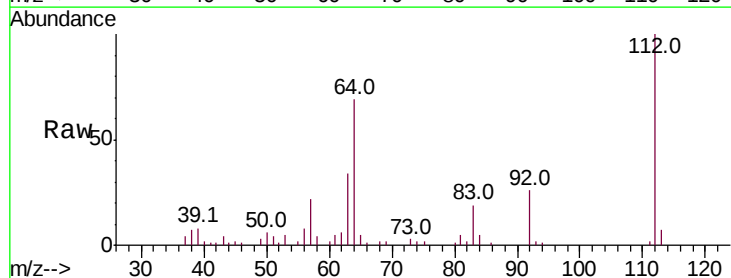
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



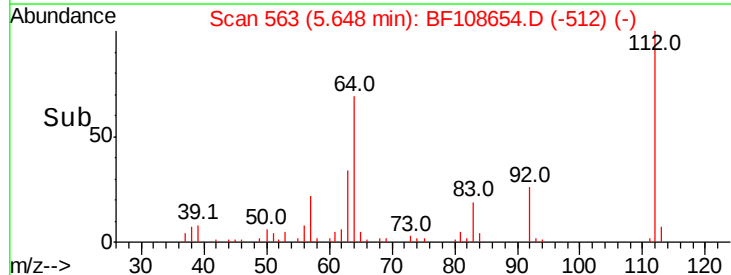
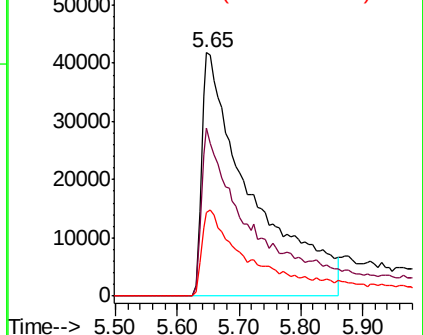
#5

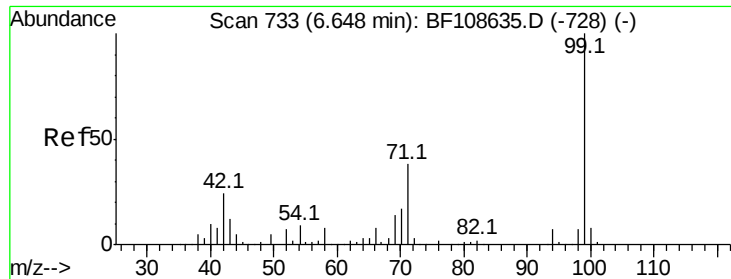
2-Fluorophenol
Concen: 50.995 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	47.9	71.9
63	34.3	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: 61.532 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampled :

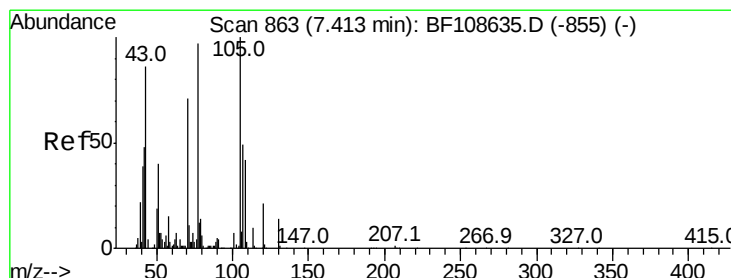
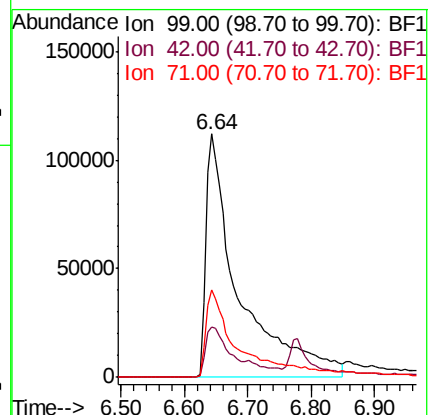
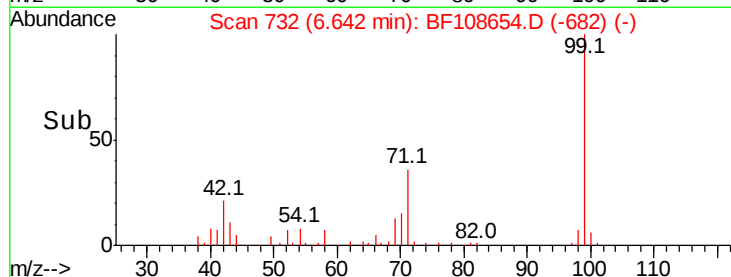
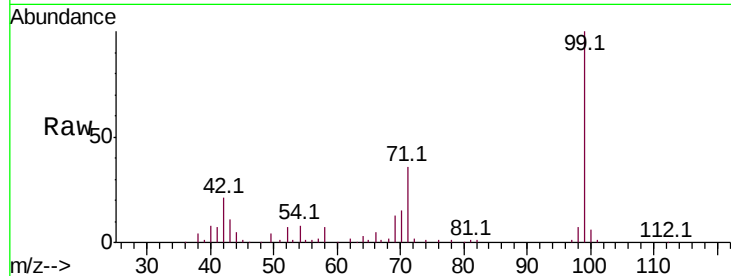
Tot Ion: 99 Resp: 405340

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 35.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.001 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Tgt Ion: 70 Resp: 35298

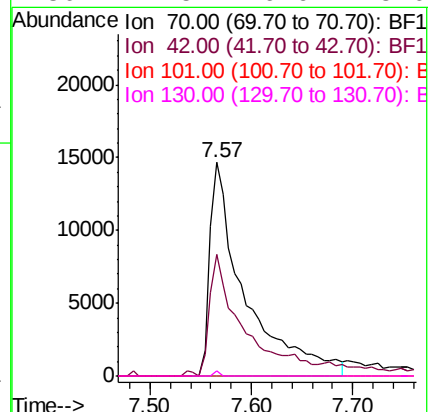
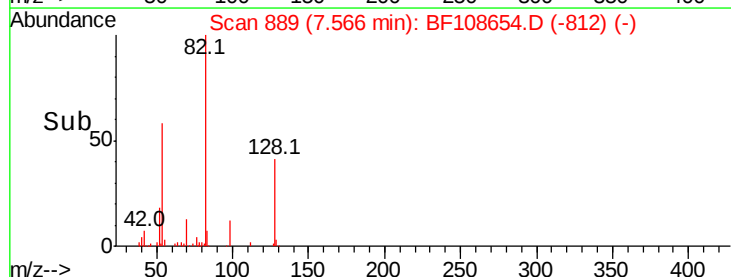
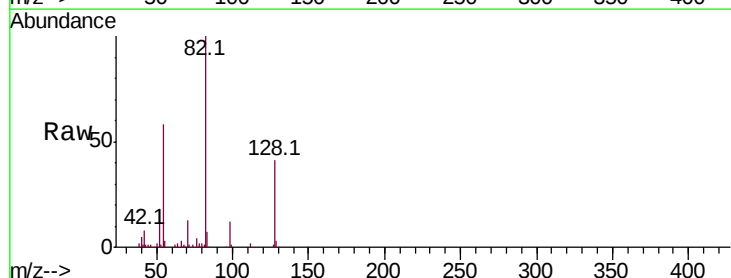
Ion Ratio Lower Upper

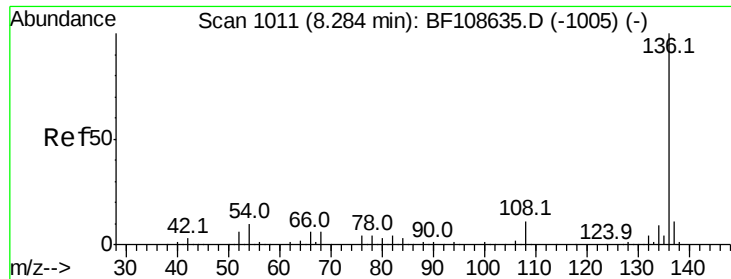
70 100

42 56.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

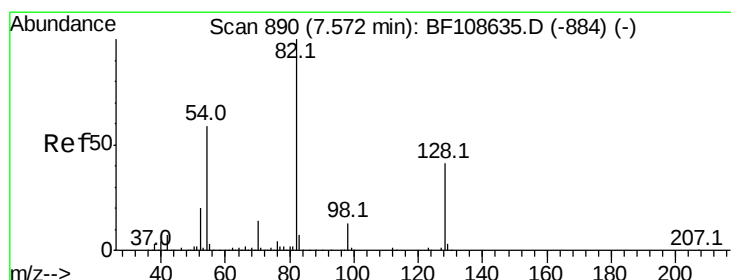
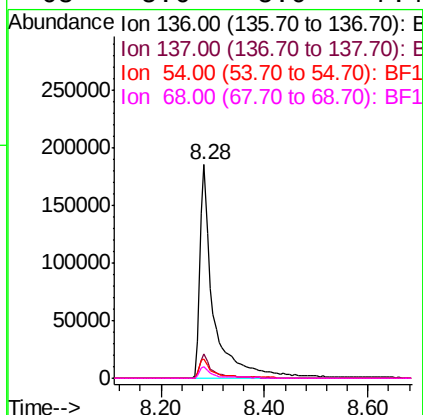
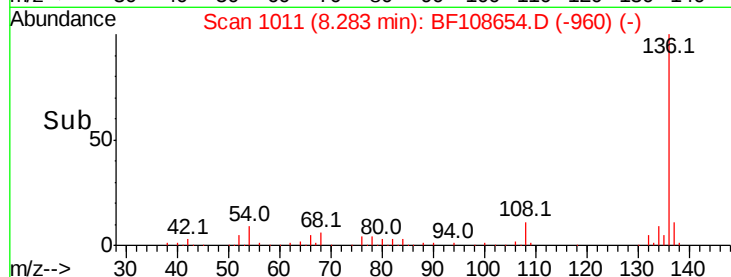
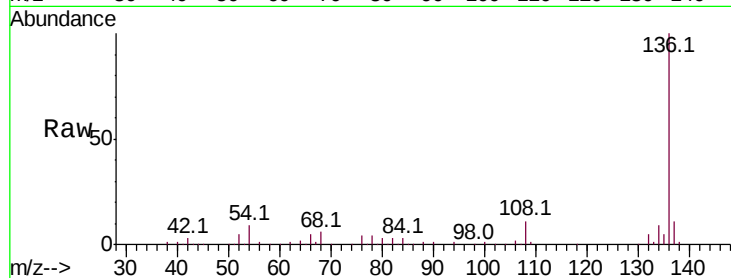




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

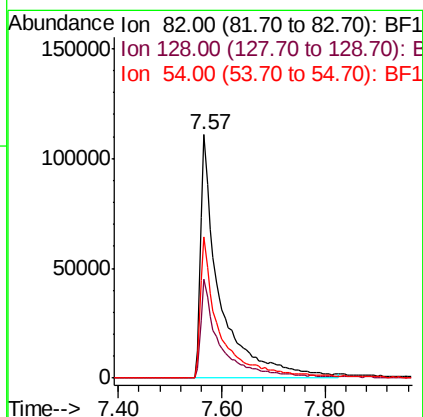
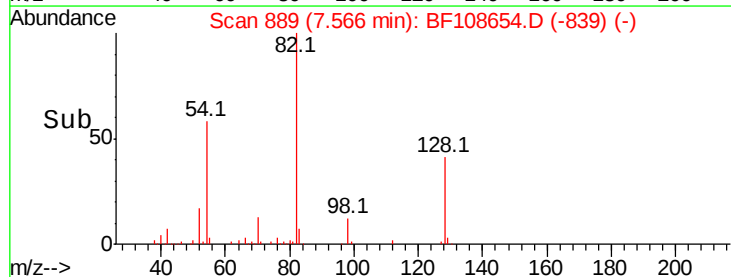
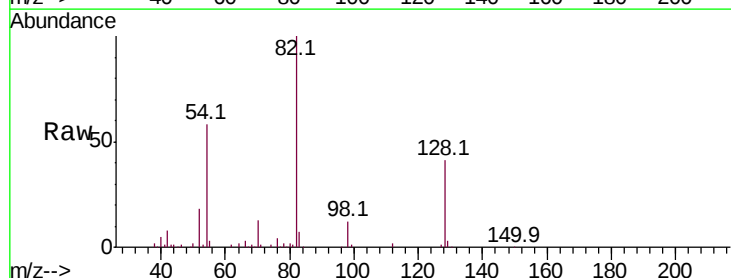
Instrument :
BNA_F
ClientSampleId :

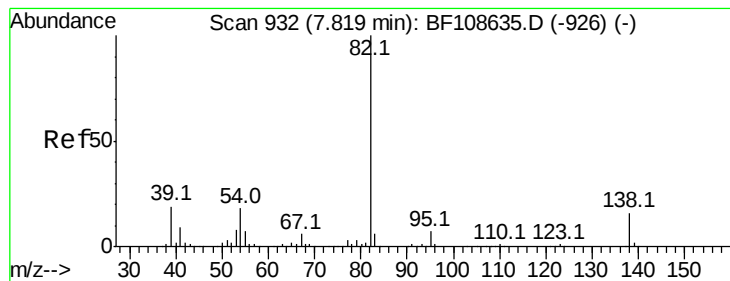
Tot Ion:136	Resp:	337966
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 9.0	6.6	9.8
68 5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 42.772 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Tgt Ion: 82	Resp: 284788
Ion Ratio	Lower Upper
82 100	
128 40.9	36.1 54.1
54 58.1	41.4 62.2





#25

Isophorone

Concen: 25.748 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampled :

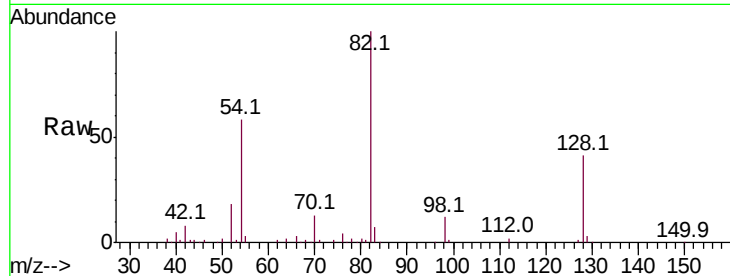
Tot Ion: 82 Resp: 284788

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

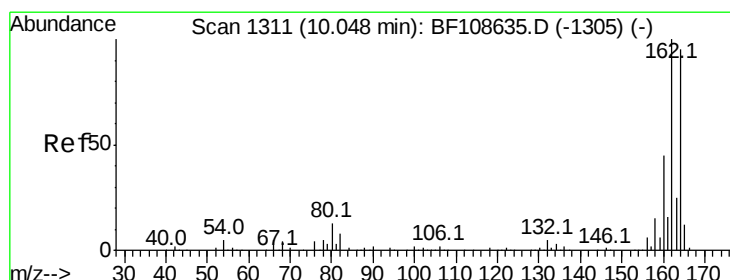
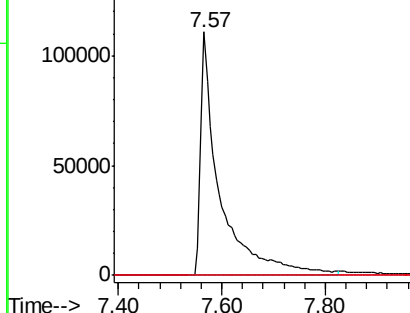
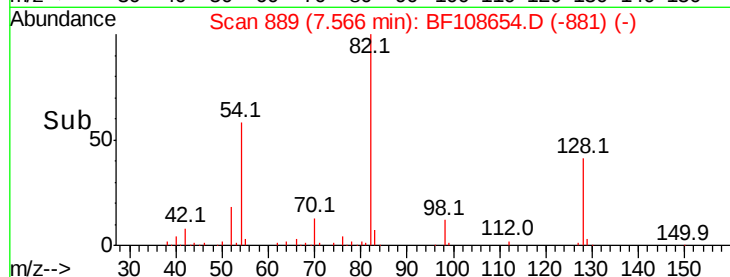
138 0.0 14.9 22.3#



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: BF108654.D

Acq: 30 Aug 2018 21:39

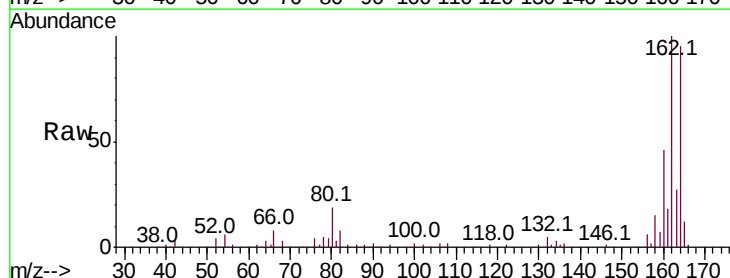
Tgt Ion:164 Resp: 156398

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

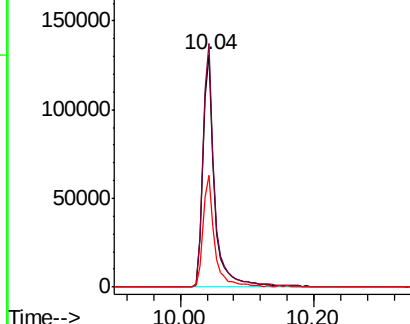
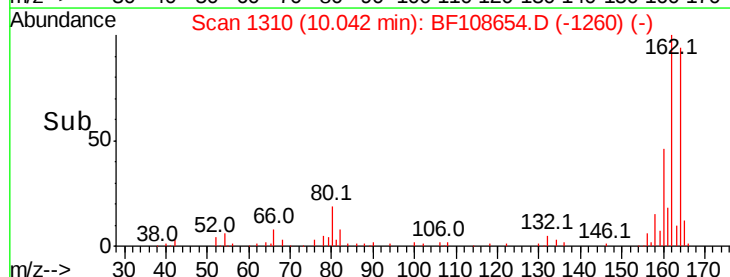
160 47.8 38.3 57.5

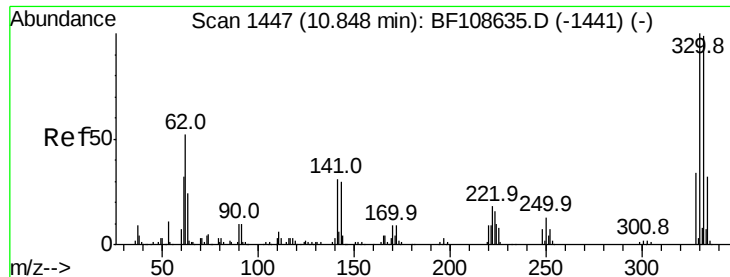


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

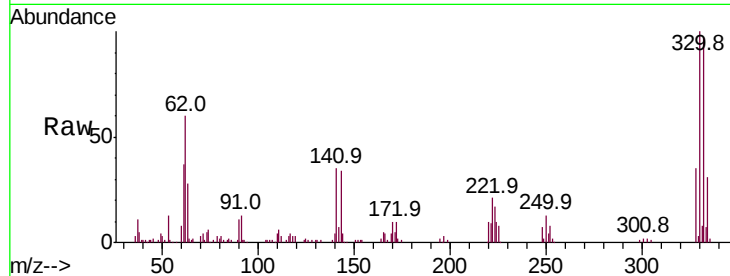




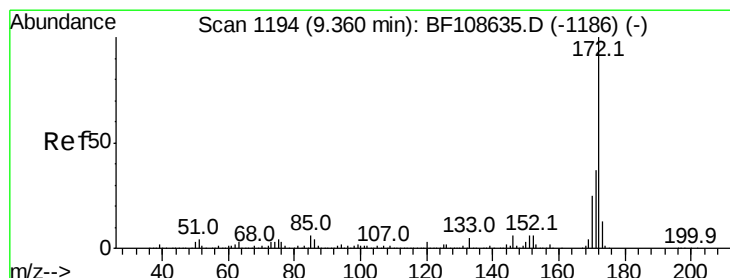
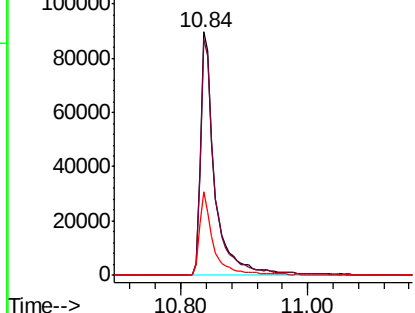
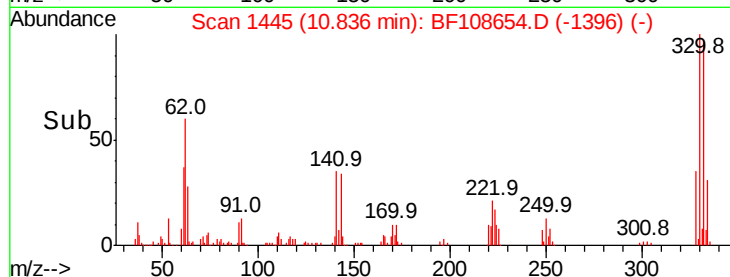
#41
 2,4,6-Tribromophenol
 Concen: 67.828 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108654.D
 Acq: 30 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9

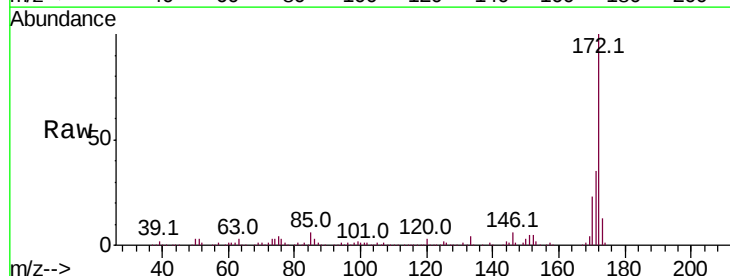


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

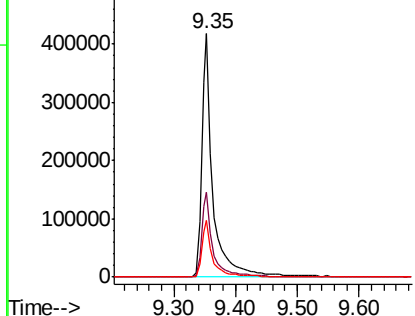
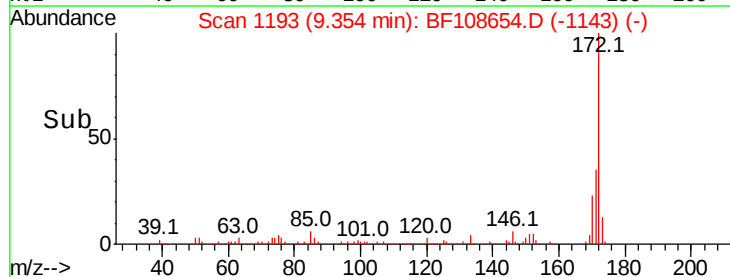


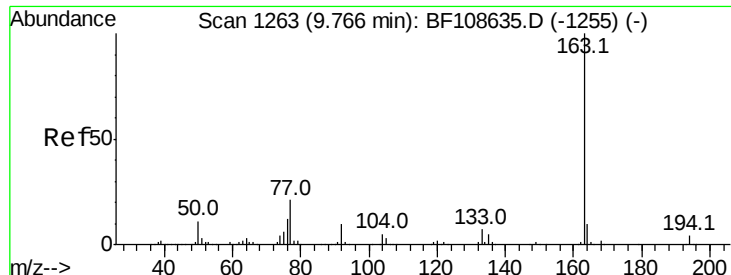
#44
 2-Fluorobiphenyl
 Concen: 46.220 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108654.D
 Acq: 30 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.3	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





#49

Dimethylphthalate

Concen: 3.048 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampleId :

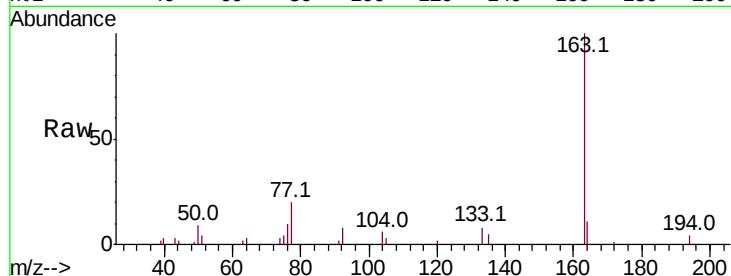
Tot Ion:163 Resp: 37544

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

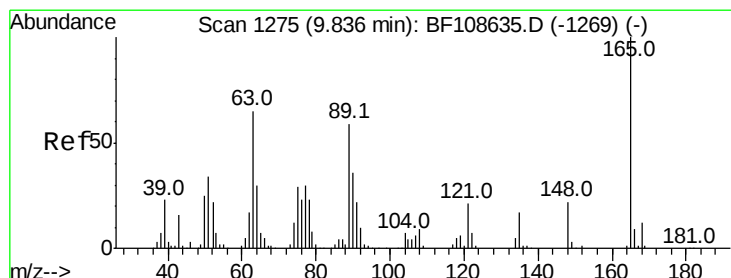
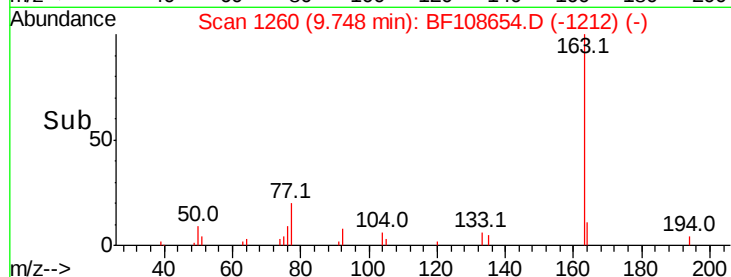
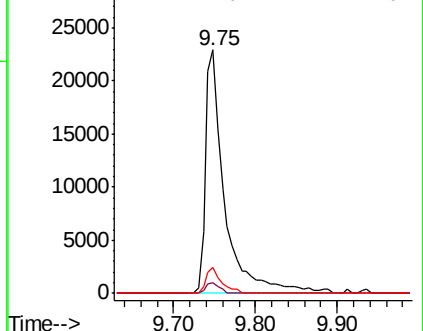
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.090 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

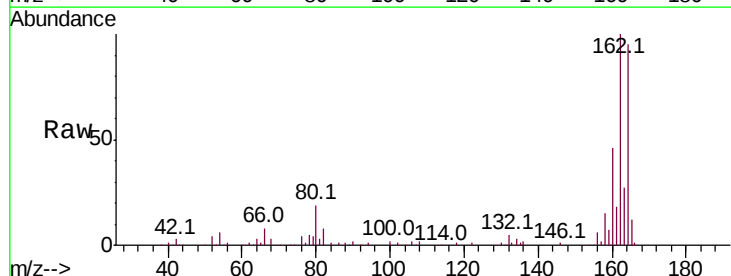
Tgt Ion:165 Resp: 19246

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

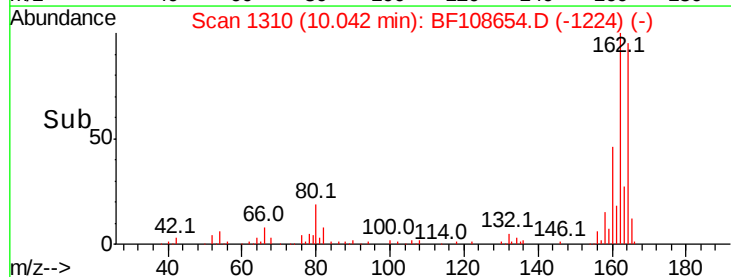
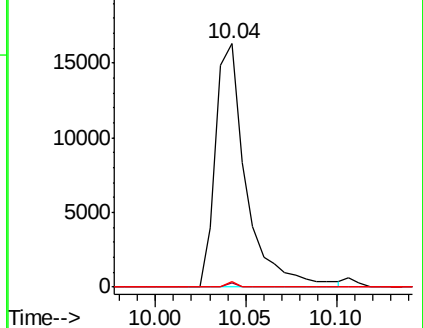
89 2.0 44.0 66.0#

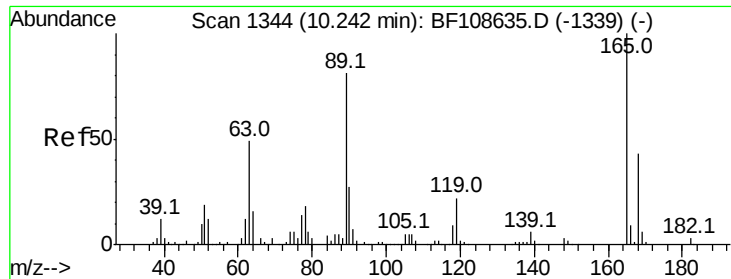


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

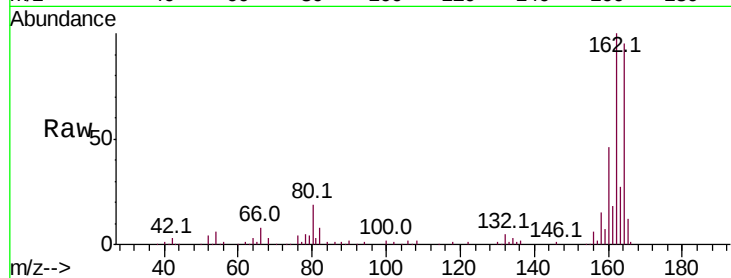




#56
2,4-Dinitrotoluene
Concen: 5.354 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



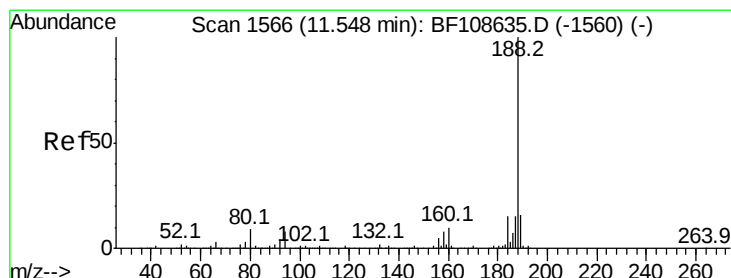
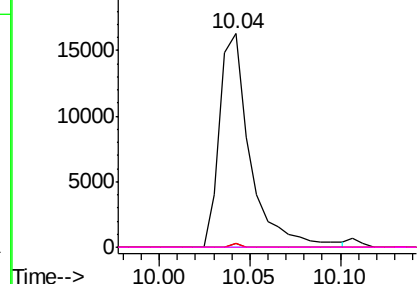
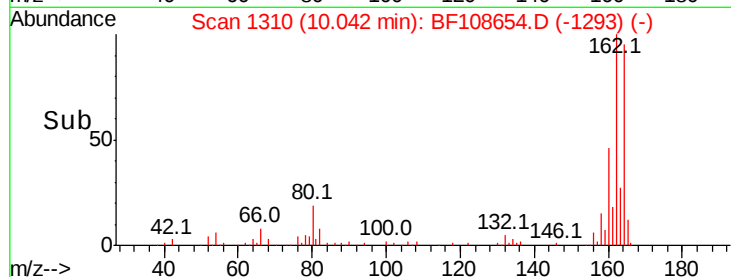
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

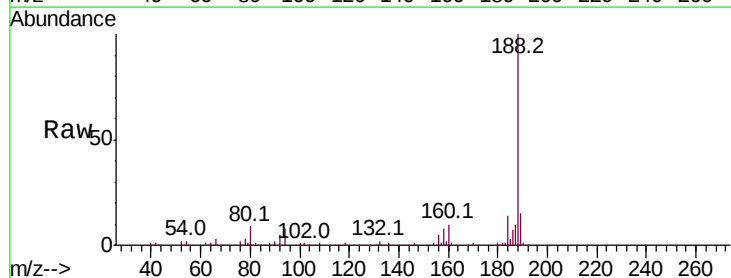
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.4	9.2	13.8

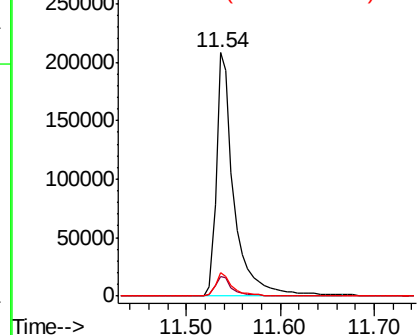
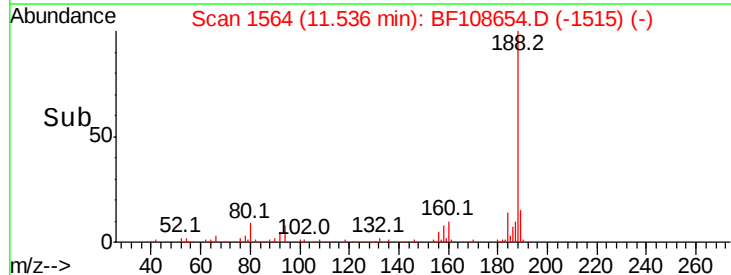


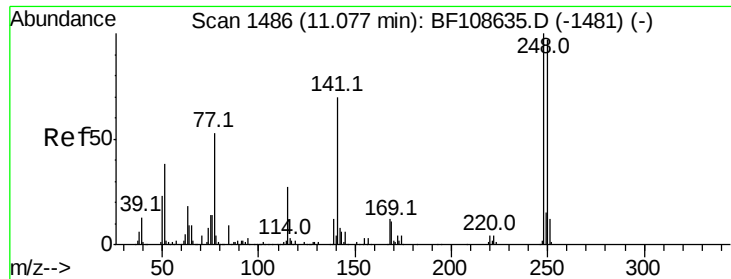
Abundance

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

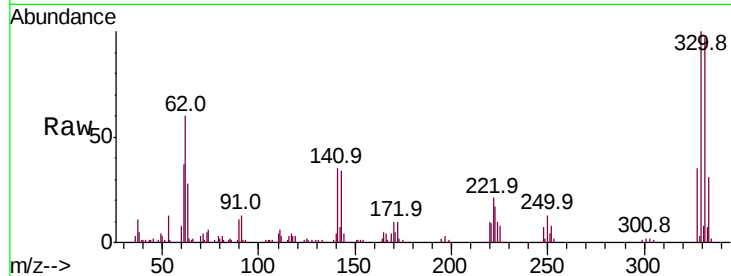




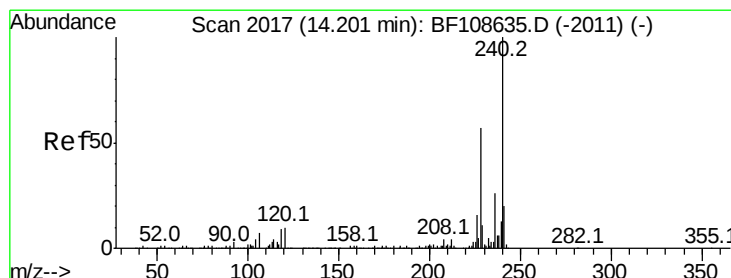
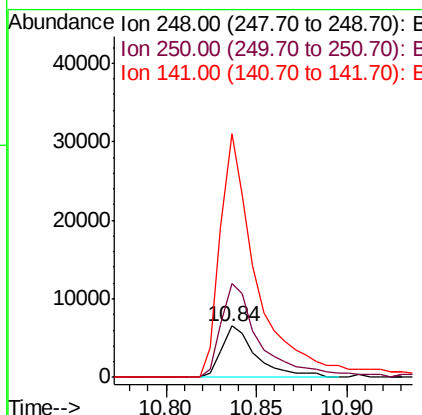
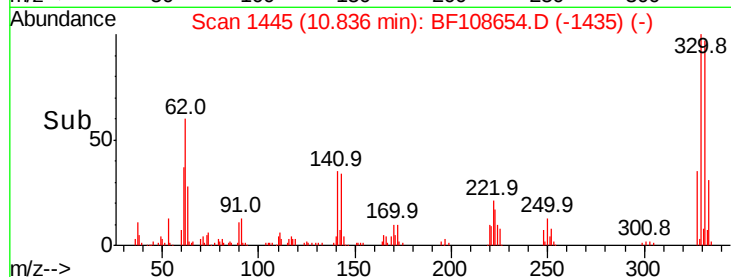
#66
4-Bromophenyl-phenylether
Concen: 2.566 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8739
Ion Ratio Lower Upper
248 100
250 182.7 76.9 115.3#
141 473.1 74.4 111.6#

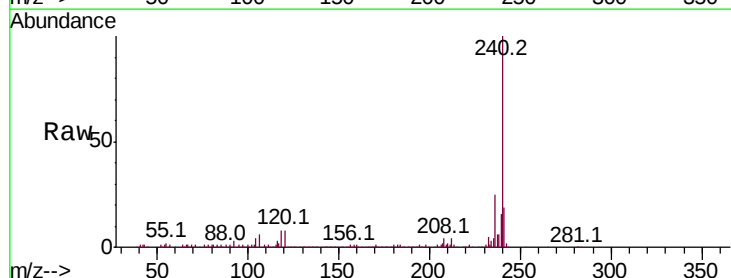


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

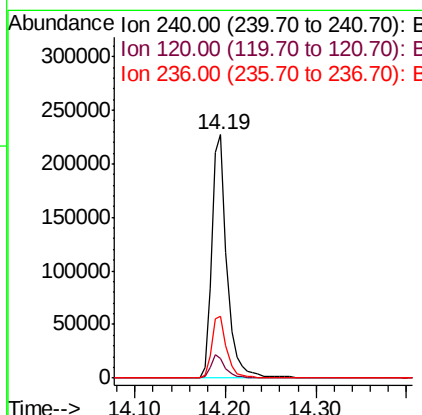
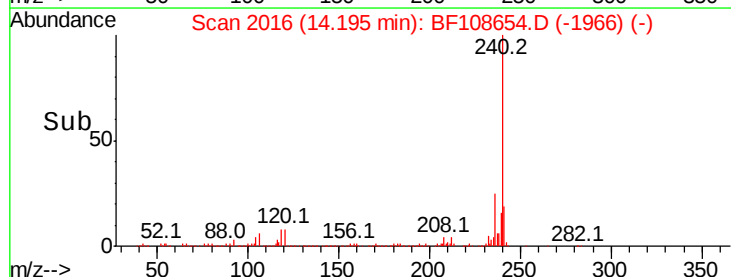


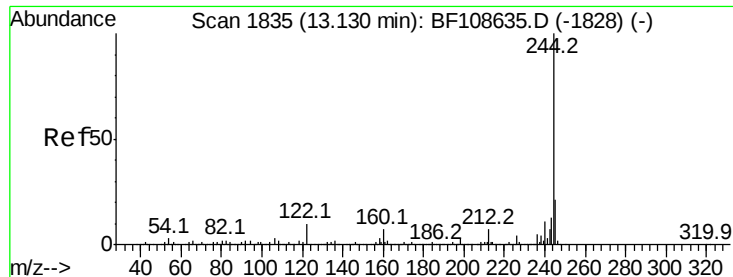
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Tgt Ion:240 Resp: 265650
Ion Ratio Lower Upper
240 100
120 7.9 9.5 14.3#
236 25.5 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: 41.514 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampleId :

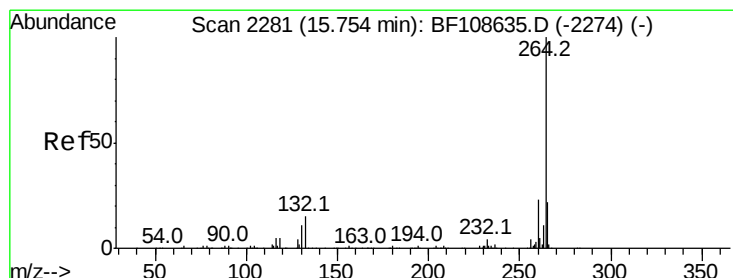
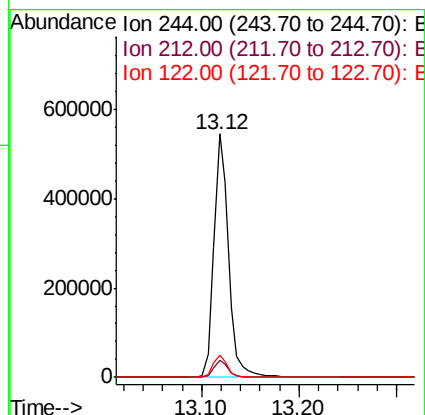
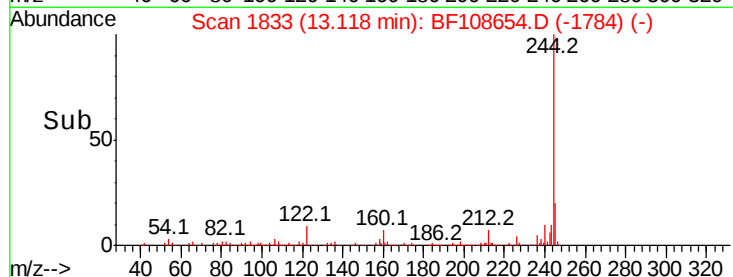
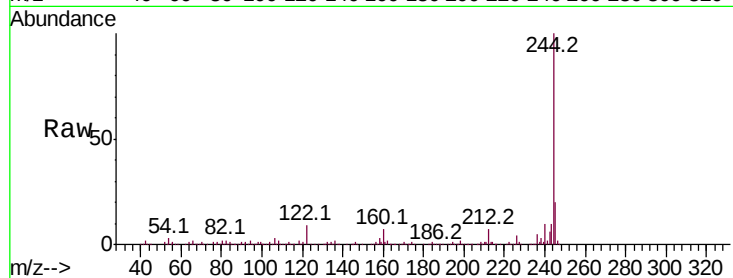
Tot Ion:244 Resp: 567599

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 9.1 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Tgt Ion:264 Resp: 218014

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.1 17.5 26.3

