

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108681.D
 Acq On : 31 Aug 2018 10:23
 Operator : JU/SJ
 Sample : J4700-19
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 10:53:18 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

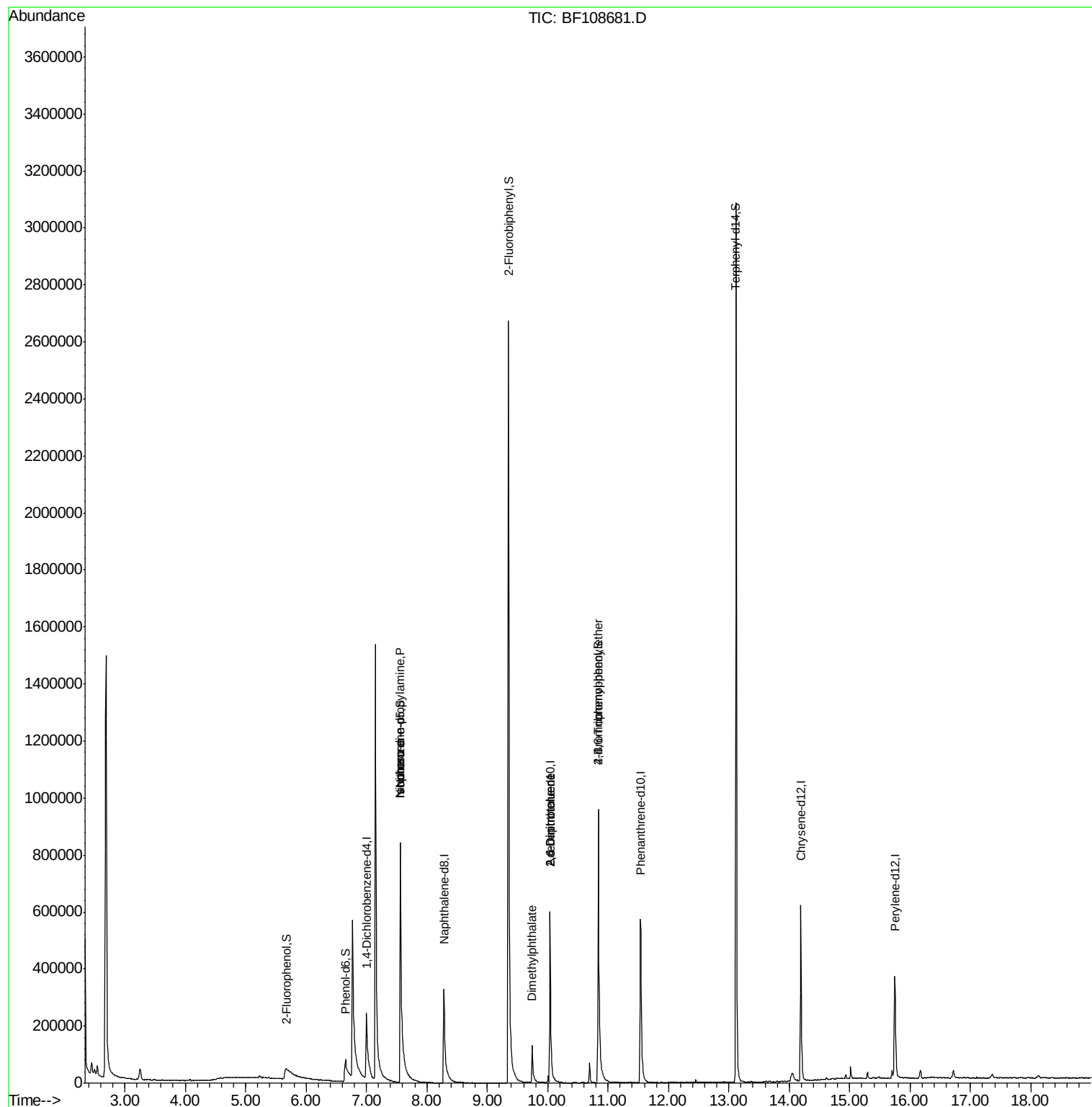
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	82974	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	351317	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	181399	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	366560	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	289869	20.00	ng	-0.01
86) Perylene-d12	15.75	264	244479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	44694	9.36	ng	0.02
7) Phenol-d6	6.65	99	123335	18.03	ng	0.00
23) Nitrobenzene-d5	7.56	82	581646	84.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	193150	80.66	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1228999	91.10	ng	0.00
78) Terphenyl-d14	13.12	244	1234855	82.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	71676	15.646	ng	# 83
25) Isophorone	7.56	82	582263	50.642	ng	# 64
49) Dimethylphthalate	9.74	163	97469	6.823	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	22080	7.013	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	22559	5.411	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	12751	2.830	ng	# 1

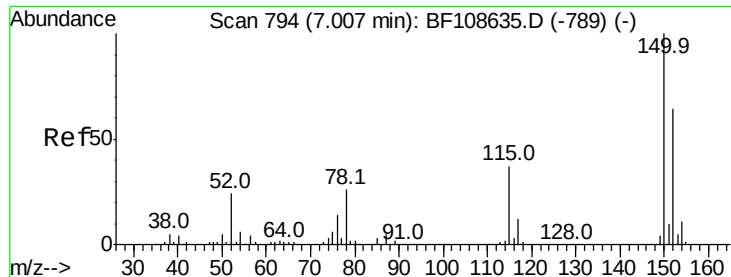
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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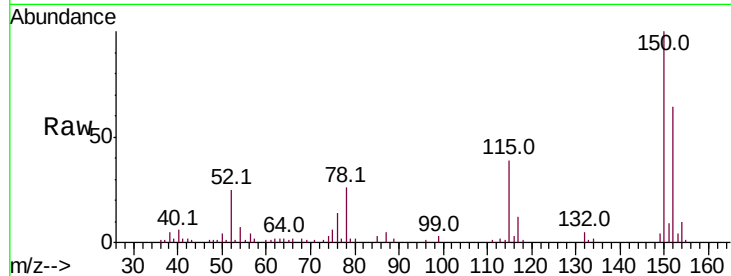


#1

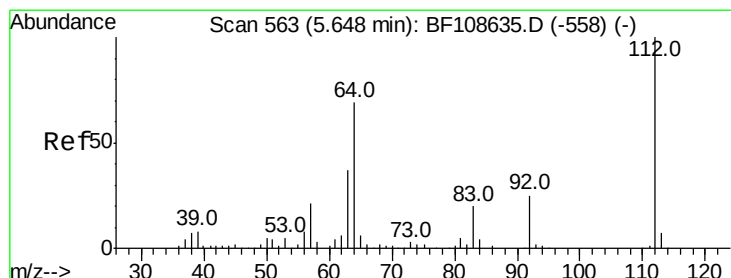
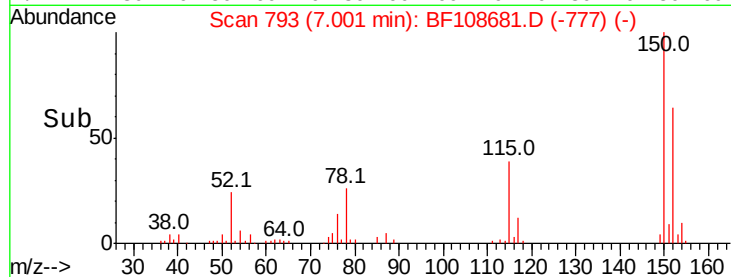
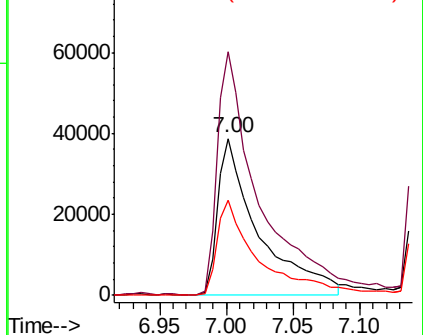
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108681.D
Acq: 31 Aug 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82974
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.2 50.1 75.1



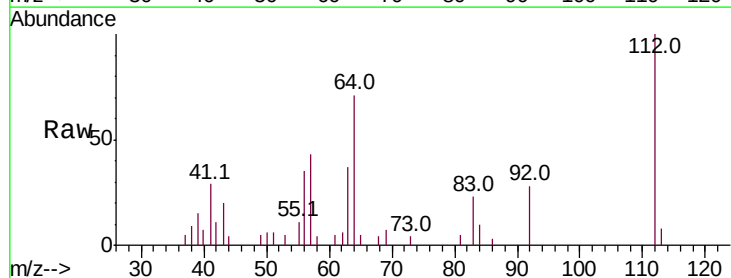
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



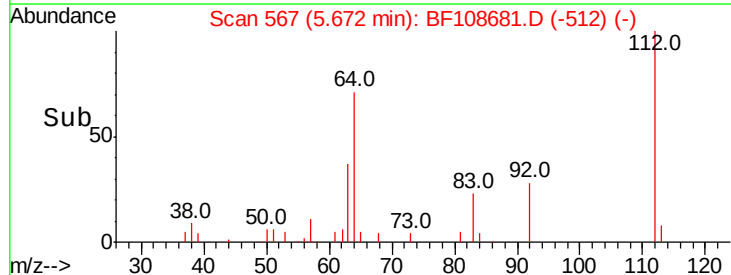
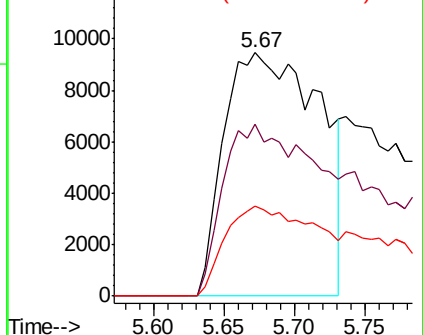
#5

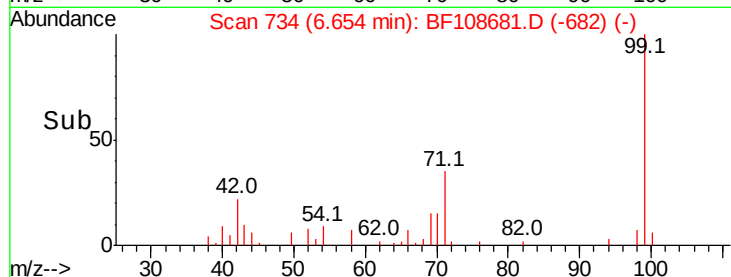
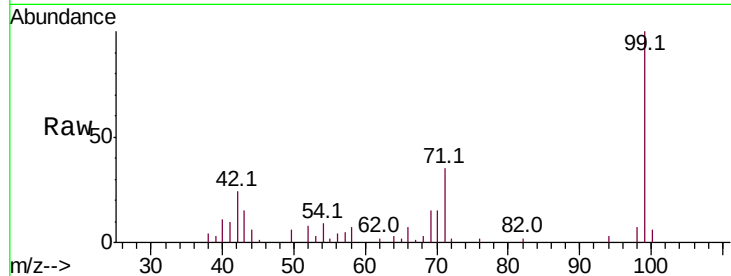
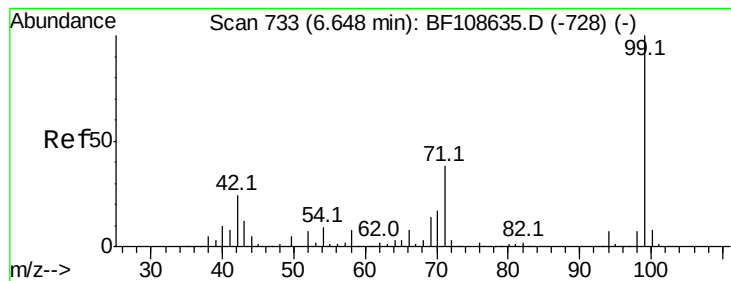
2-Fluorophenol
Concen: 9.357 ng
RT: 5.67 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF108681.D
Acq: 31 Aug 2018 10:23

Tgt Ion:112 Resp: 44694
Ion Ratio Lower Upper
112 100
64 70.7 47.9 71.9
63 36.9 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: 18.029 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

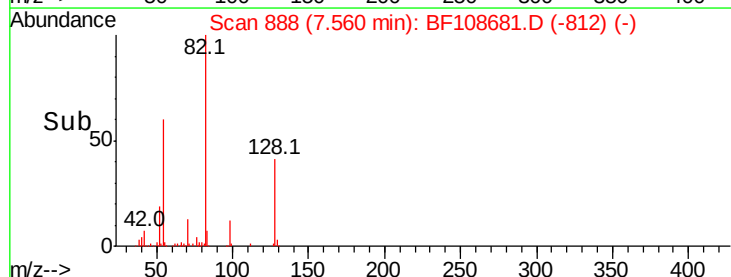
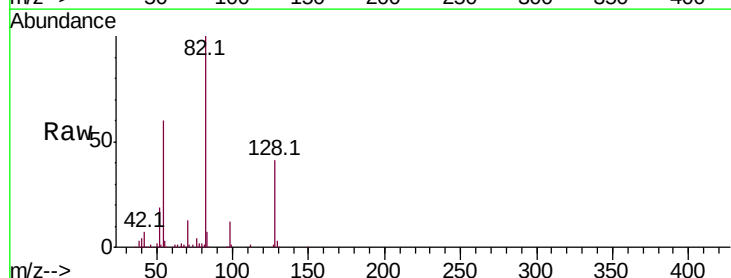
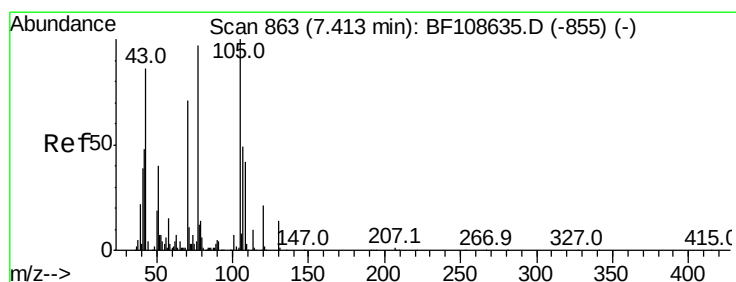
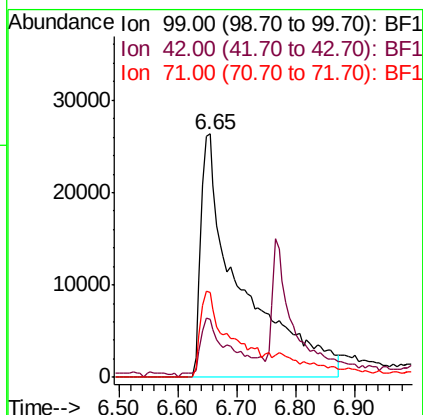
Lab File: BF108681.D

Acq: 31 Aug 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 123335

Ion	Ratio	Lower	Upper
99	100		
42	23.7	14.5	21.7#
71	34.6	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.646 ng

RT: 7.56 min Scan# 888

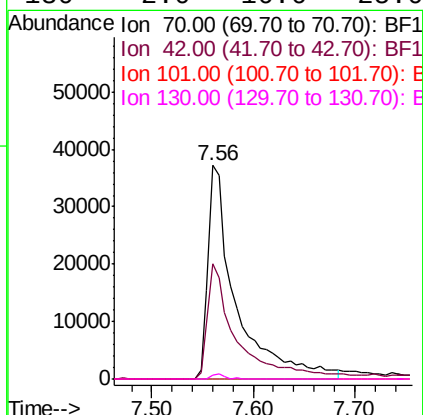
Delta R.T. 0.15 min

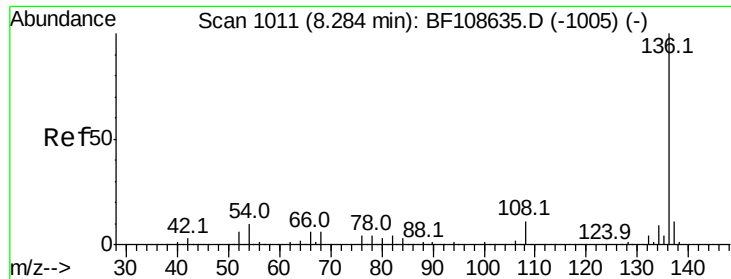
Lab File: BF108681.D

Acq: 31 Aug 2018 10:23

Tgt Ion: 70 Resp: 71676

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

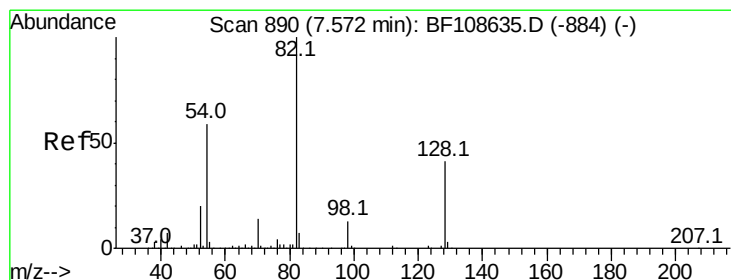
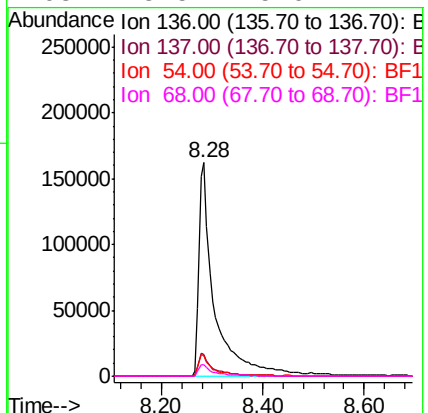
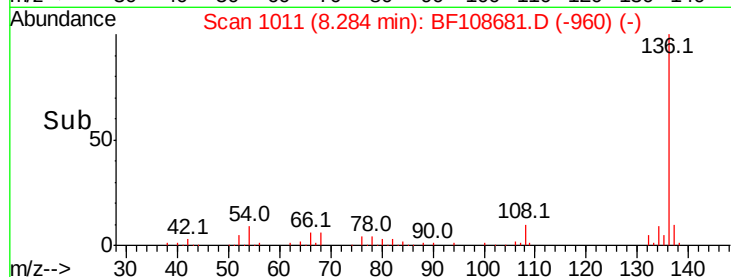
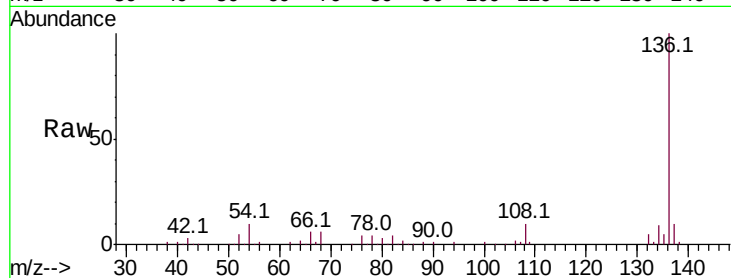




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108681.D
Acq: 31 Aug 2018 10:23

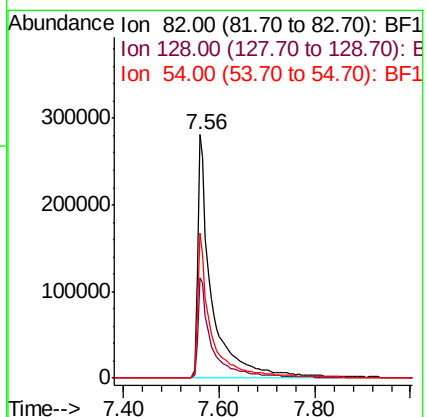
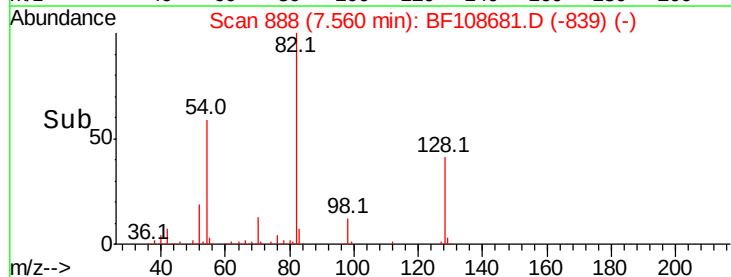
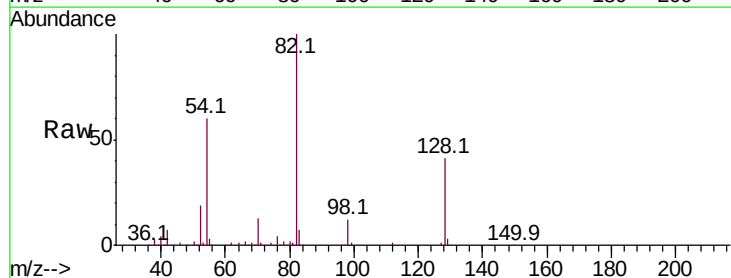
Instrument :
BNA_F
ClientSampled :

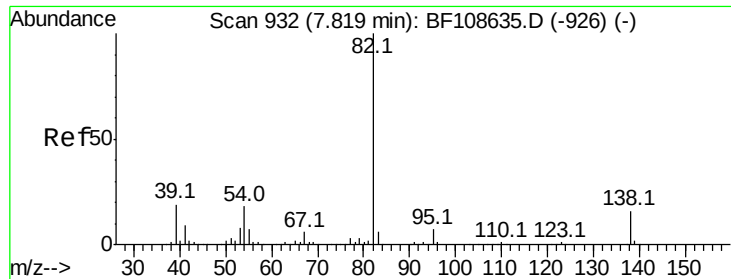
Tot Ion:136	Resp:	351317
Ion Ratio	Lower	Upper
136 100		
137 10.1	8.9	13.3
54 9.5	6.6	9.8
68 5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.037 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108681.D
Acq: 31 Aug 2018 10:23

Tgt Ion: 82	Resp: 581646
Ion Ratio	Lower Upper
82 100	
128 40.9	36.1 54.1
54 59.5	41.4 62.2





#25

Isophorone

Concen: 50.642 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108681.D

Acq: 31 Aug 2018 10:23

Instrument :

BNA_F

ClientSampleId :

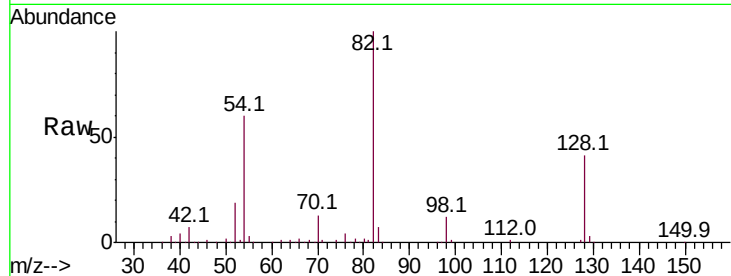
Tot Ion: 82 Resp: 582263

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

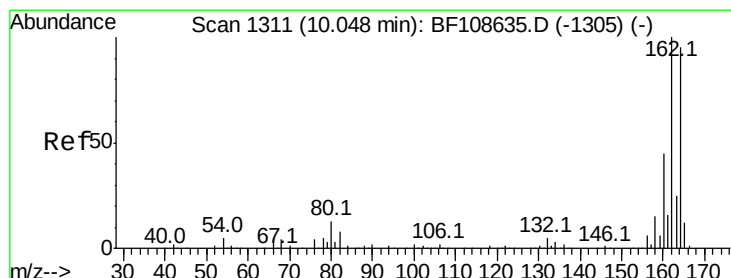
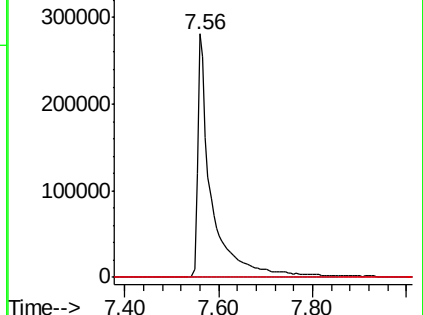
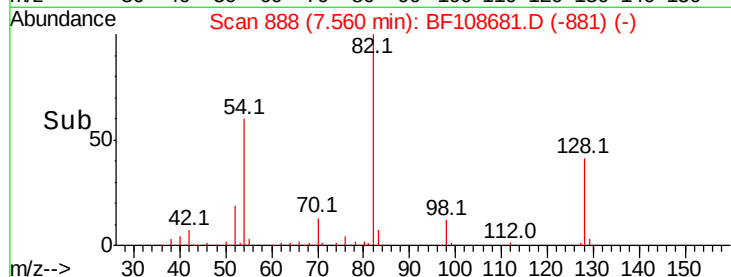
138 0.0 14.9 22.3#



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: BF108681.D

Acq: 31 Aug 2018 10:23

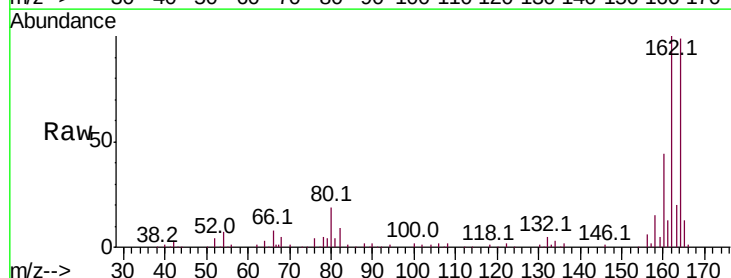
Tgt Ion:164 Resp: 181399

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

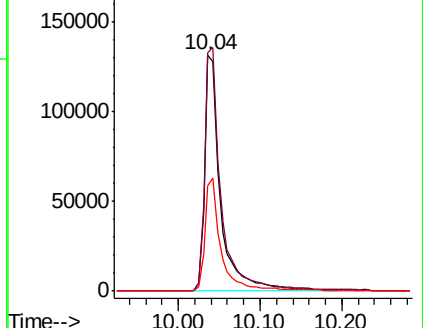
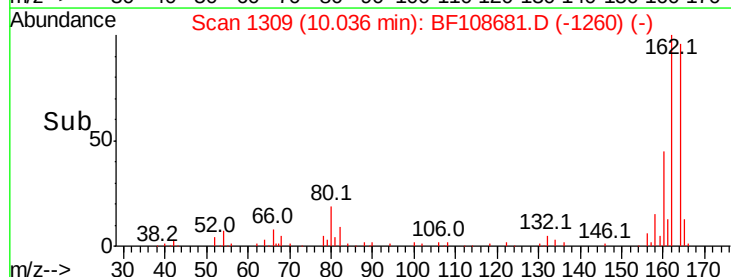
160 44.7 38.3 57.5

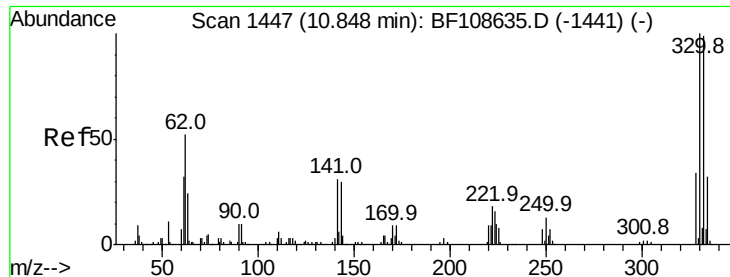


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

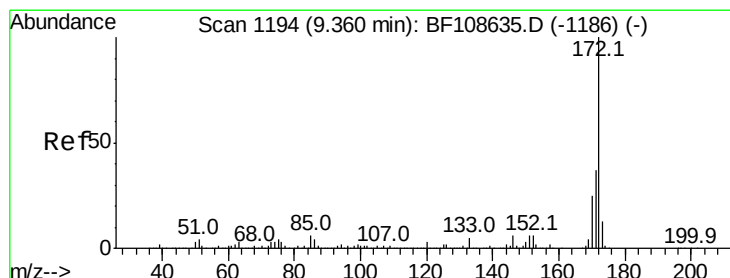
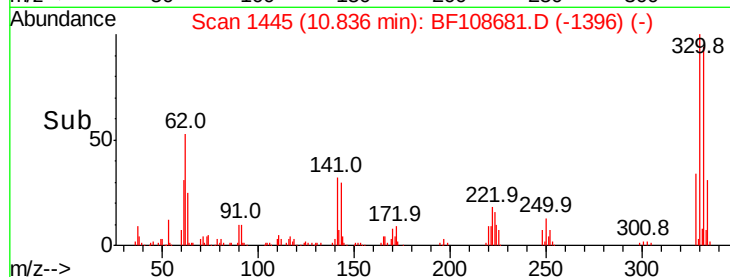
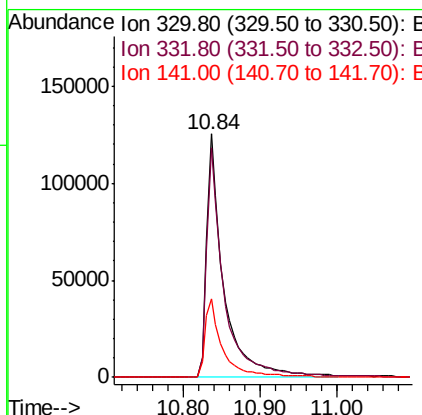
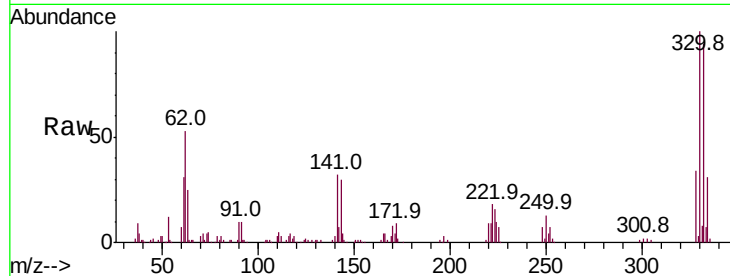




#41
 2,4,6-Tribromophenol
 Concen: 80.658 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108681.D
 Acq: 31 Aug 2018 10:23

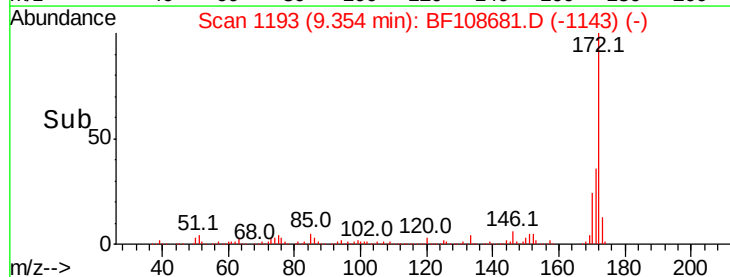
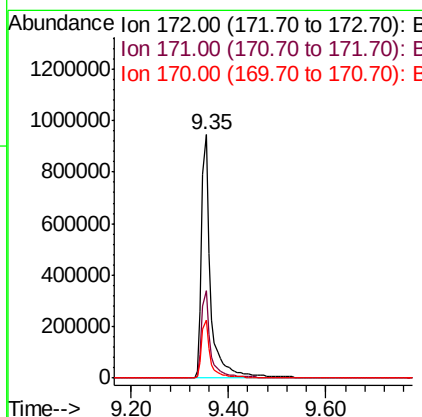
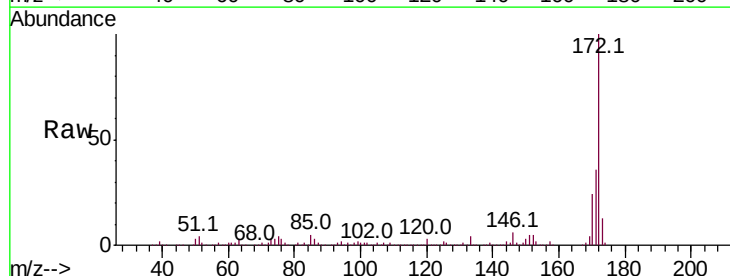
Instrument :
 BNA_F
 ClientSampled :

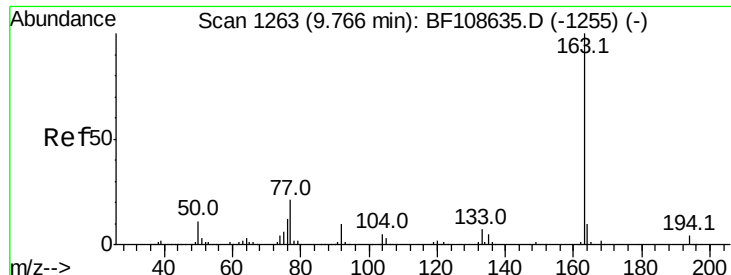
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.097 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108681.D
 Acq: 31 Aug 2018 10:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

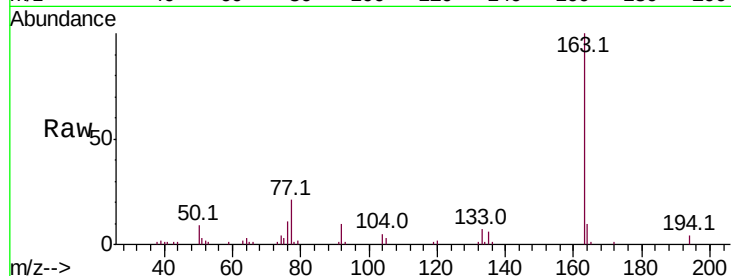




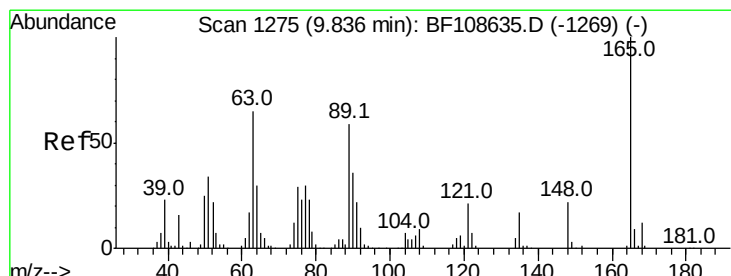
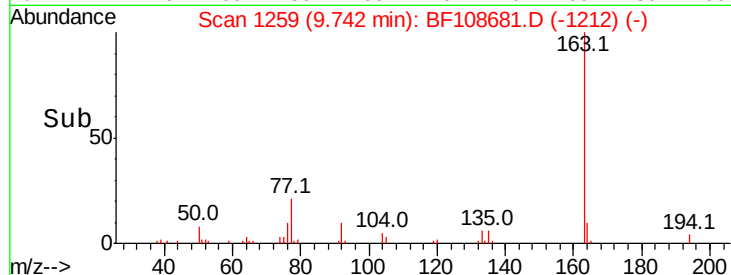
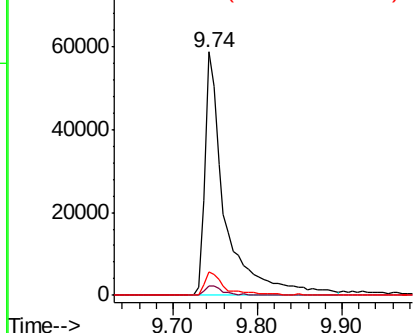
#49
 Dimethylphthalate
 Concen: 6.823 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108681.D
 Acq: 31 Aug 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 97469
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.8 8.2 12.2

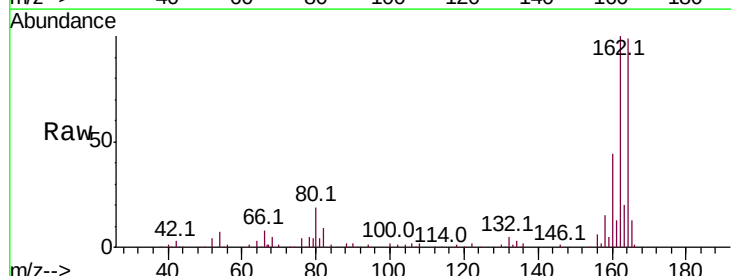


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

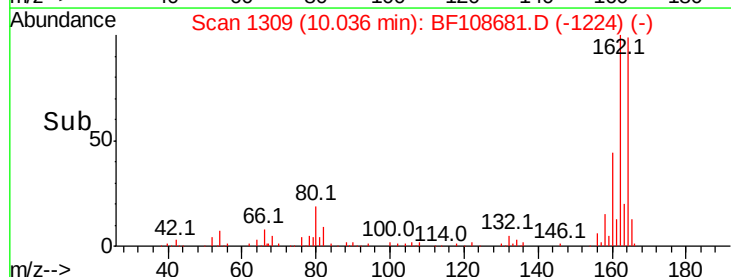
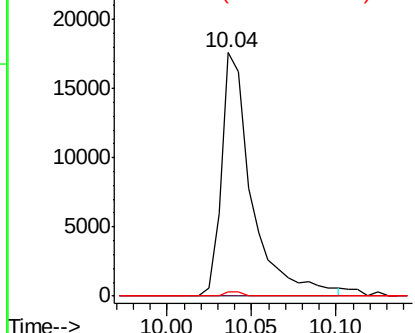


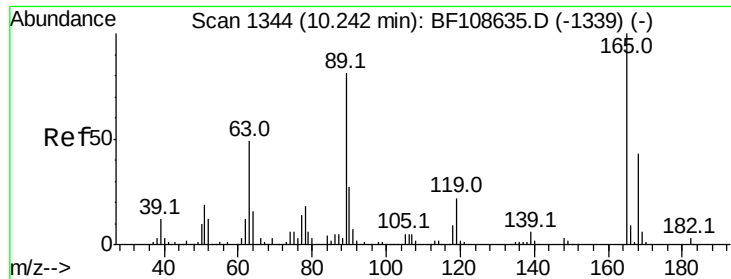
#50
 2,6-Dinitrotoluene
 Concen: 7.013 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF108681.D
 Acq: 31 Aug 2018 10:23

Tgt Ion:165 Resp: 22080
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.7 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

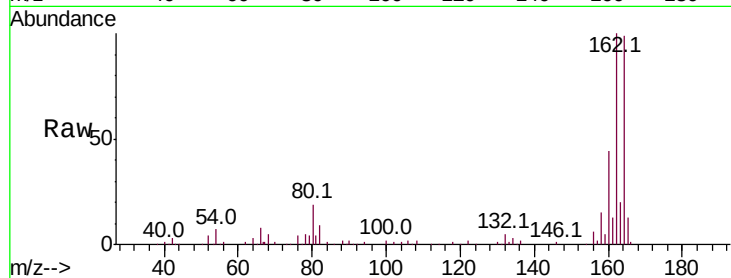




#56
 2,4-Dinitrotoluene
 Concen: 5.411 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108681.D
 Acq: 31 Aug 2018 10:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



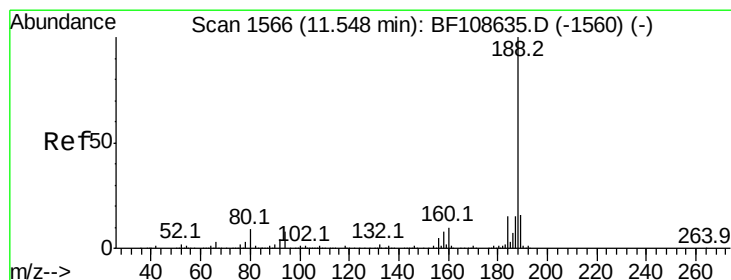
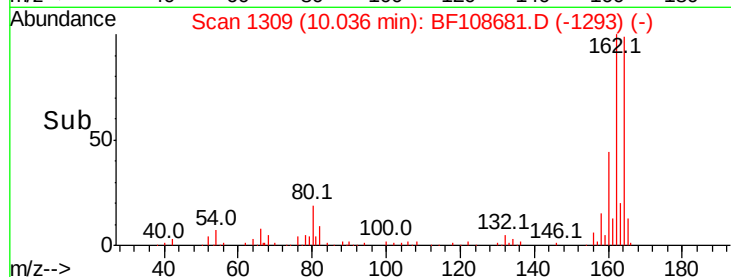
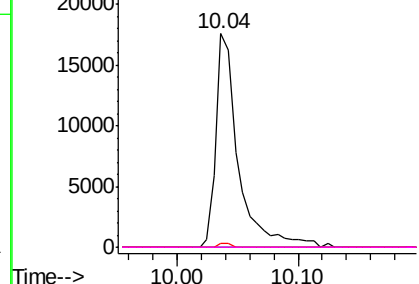
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

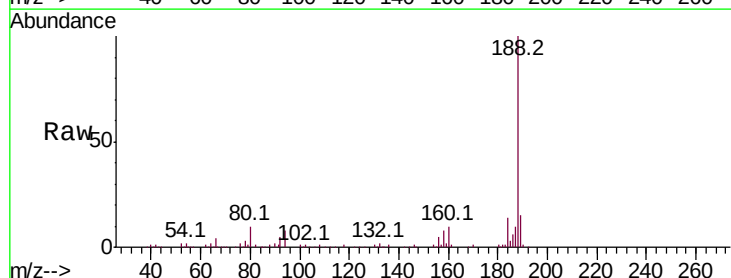
Ion 89.00 (88.70 to 89.70): BF1

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: BF108681.D
 Acq: 31 Aug 2018 10:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.8	9.2	13.8

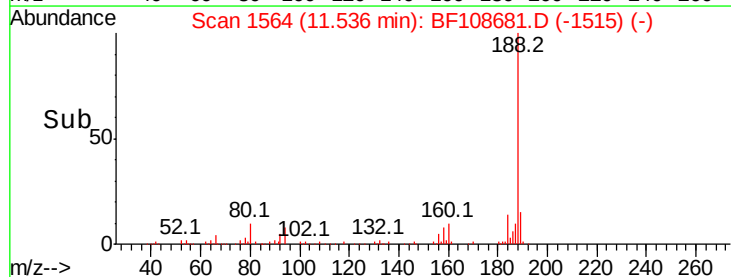
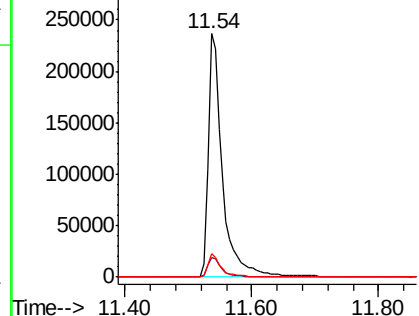


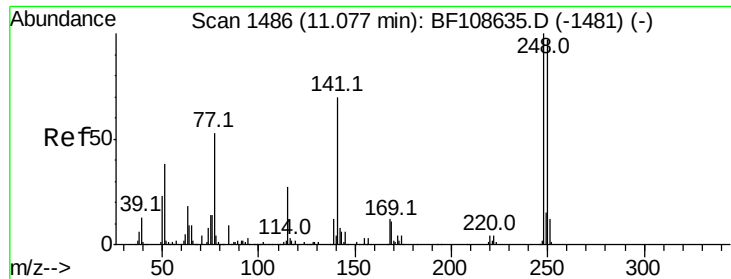
Abundance

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

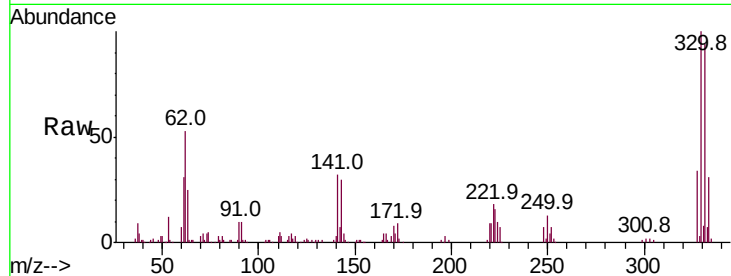




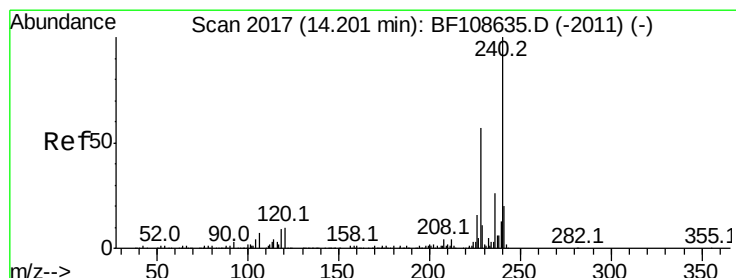
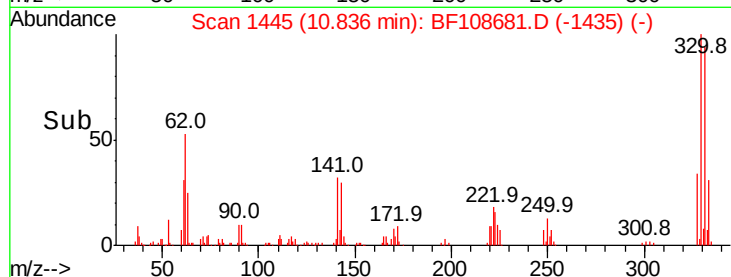
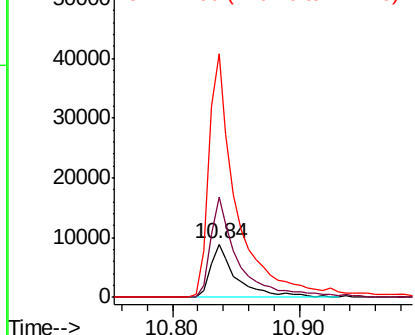
#66
4-Bromophenyl-phenylether
Concen: 2.830 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108681.D
Acq: 31 Aug 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12751
Ion Ratio Lower Upper
248 100
250 188.0 76.9 115.3#
141 457.7 74.4 111.6#

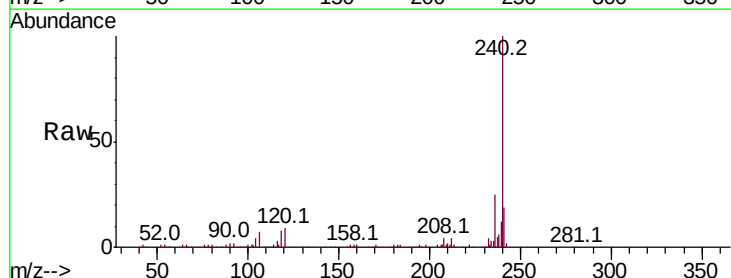


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

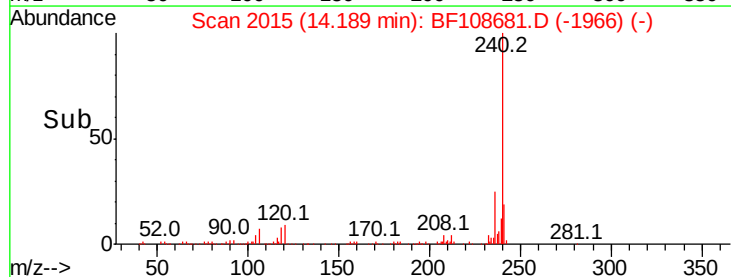
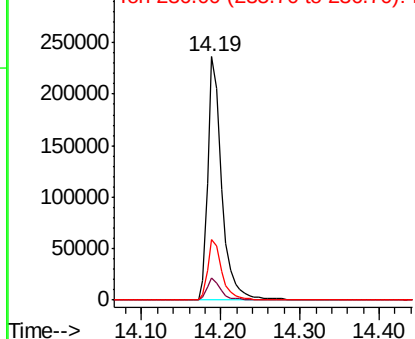


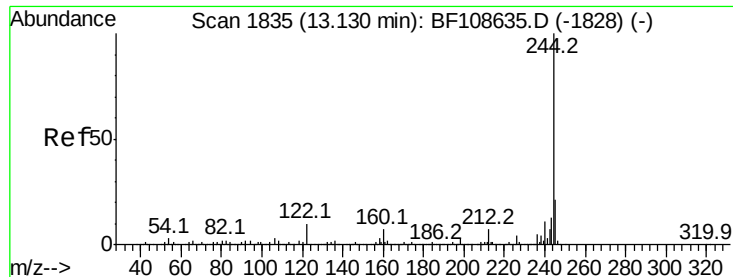
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108681.D
Acq: 31 Aug 2018 10:23

Tgt Ion:240 Resp: 289869
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.1 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

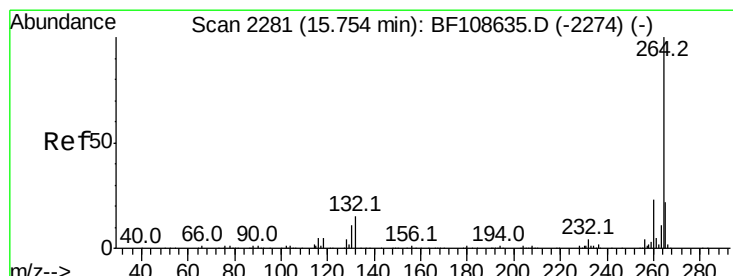
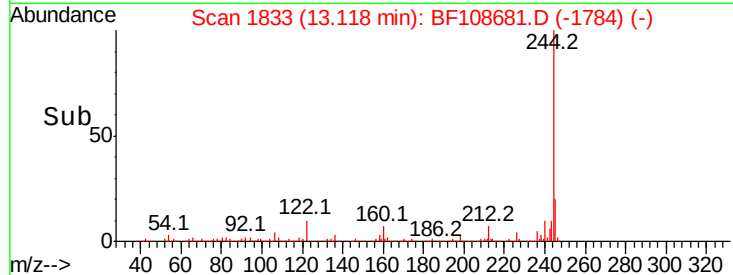
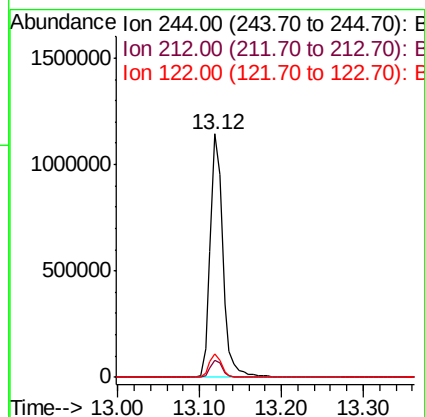
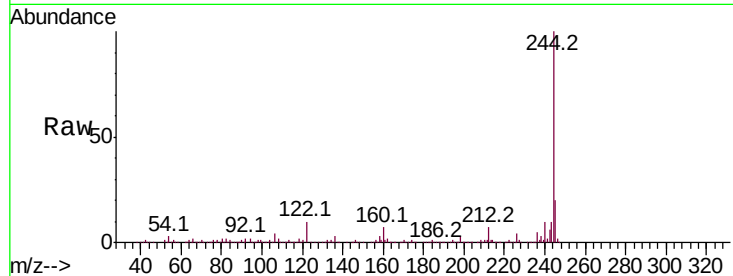




#78
 Terphenyl-d14
 Concen: 82.771 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108681.D
 Acq: 31 Aug 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1234855
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.7 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: BF108681.D
 Acq: 31 Aug 2018 10:23

Tgt Ion:264 Resp: 244479
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 17.5 26.3

