

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108722.D
 Acq On : 1 Sep 2018 6:55
 Operator : JU/SJ
 Sample : J4729-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 02:01:06 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	66177	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	257776	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	109418	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	230848	20.00	ng	0.00
75) Chrysene-d12	14.19	240	229366	20.00	ng	0.00
86) Perylene-d12	15.75	264	159911	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	72073	18.92	ng	0.02
7) Phenol-d6	6.65	99	51769	9.49	ng	0.00
23) Nitrobenzene-d5	7.57	82	520223	102.44	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	110766	76.68	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	977672	120.14	ng	0.00
78) Terphenyl-d14	13.12	244	934554	79.17	ng	-0.01

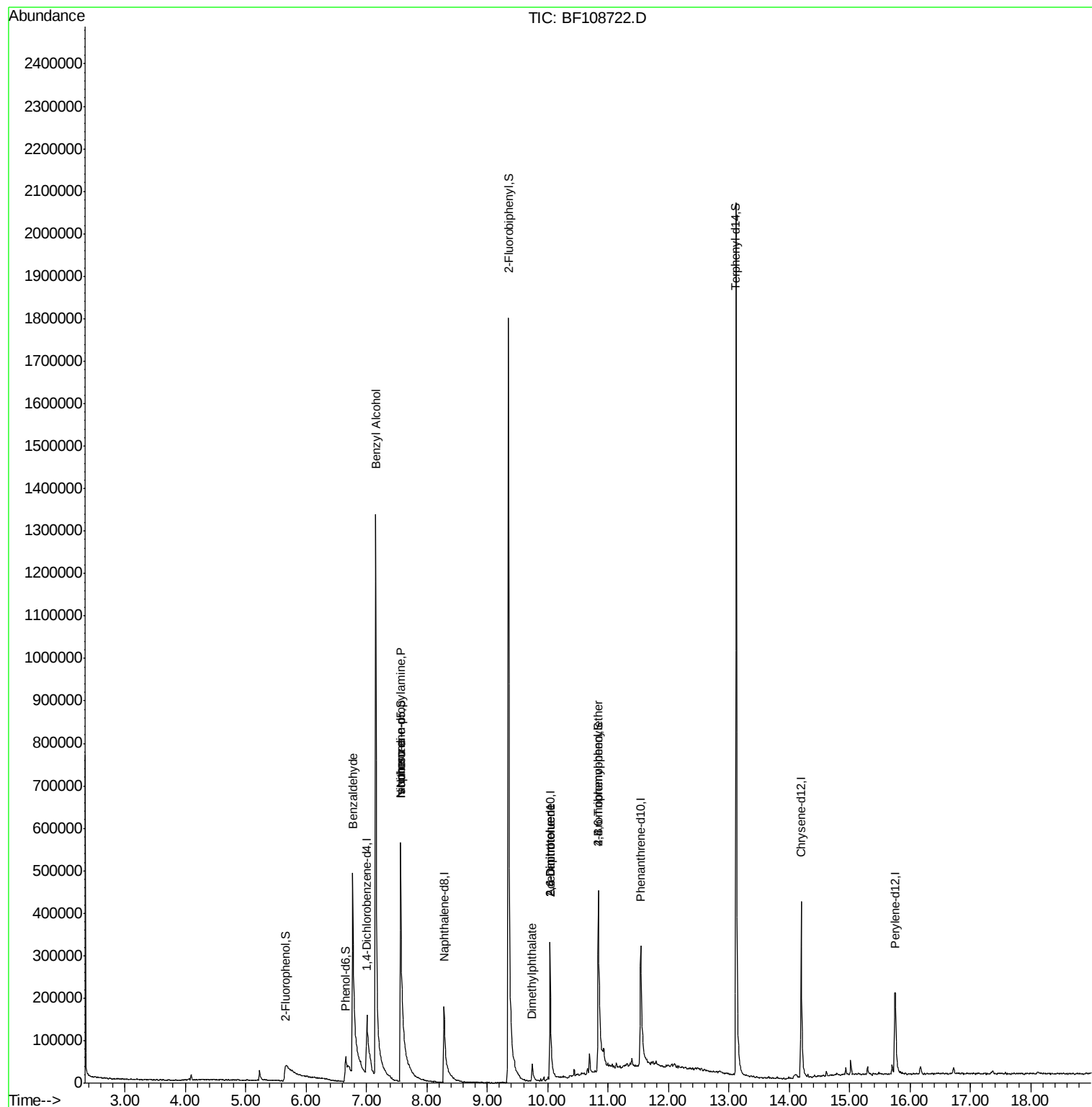
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	6955	2.062	ng	# 61
15) Benzyl Alcohol	7.15	79	8999	2.293	ng	# 45
19) n-Nitroso-di-n-propylamine	7.57	70	60348	16.517	ng	# 84
25) Isophorone	7.57	82	538339	63.813	ng	# 64
49) Dimethylphthalate	9.74	163	43319	5.028	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	13429	7.071	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	14354	5.708	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	6931	2.443	ng	# 1

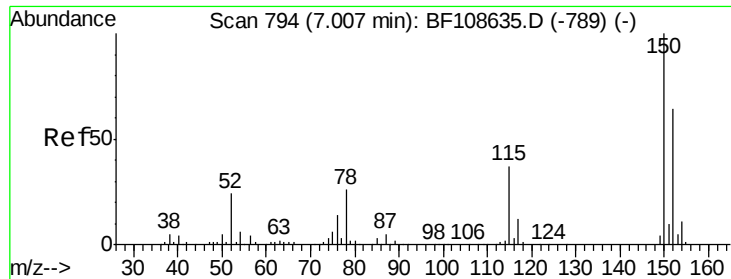
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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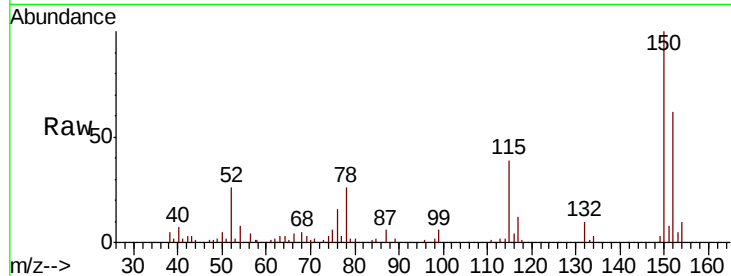


#1

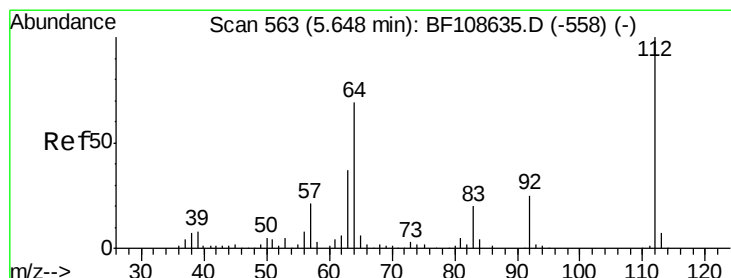
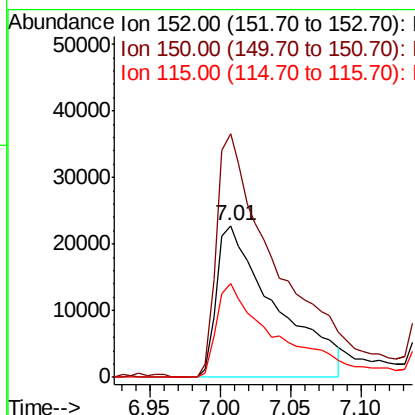
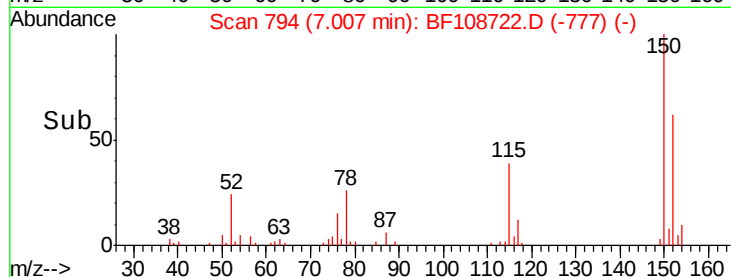
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108722.D
Acq: 1 Sep 2018 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	62.3	50.1	75.1



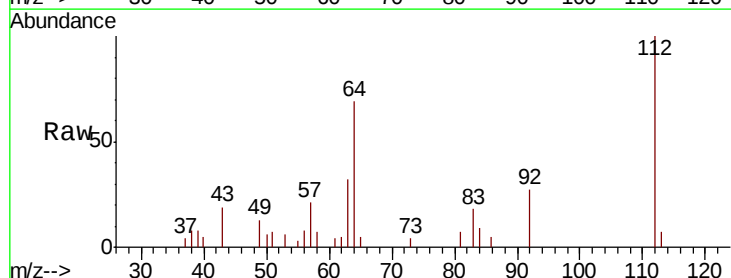
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



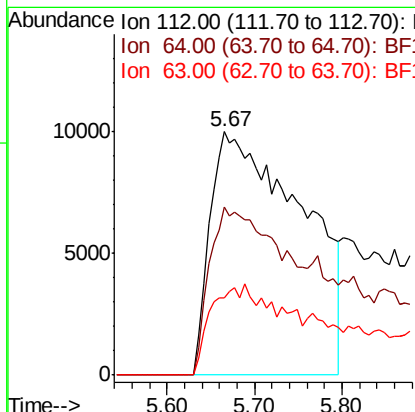
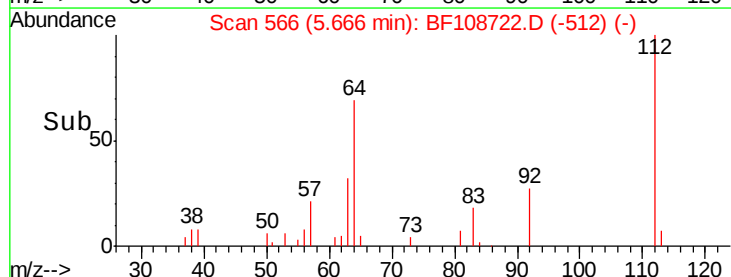
#5

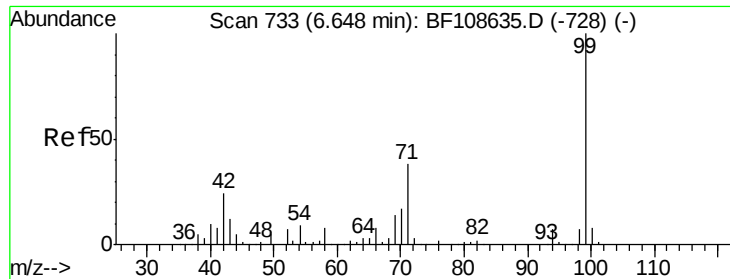
2-Fluorophenol
Concen: 18.920 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108722.D
Acq: 1 Sep 2018 6:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	31.7	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: 9.488 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108722.D

Acq: 1 Sep 2018 6:55

Instrument :

BNA_F

ClientSampled :

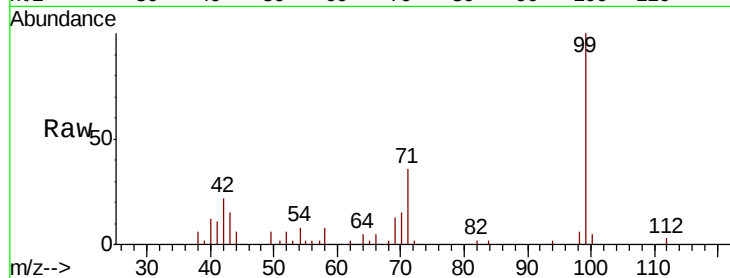
Tot Ion: 99 Resp: 51769

Ion Ratio Lower Upper

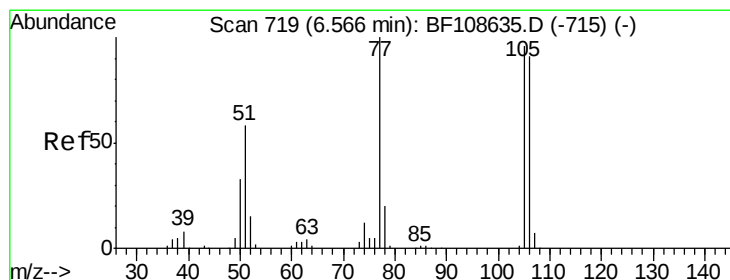
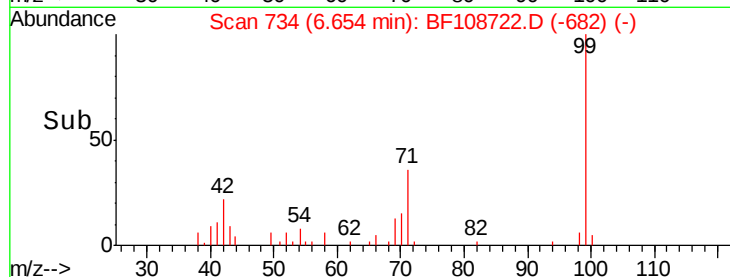
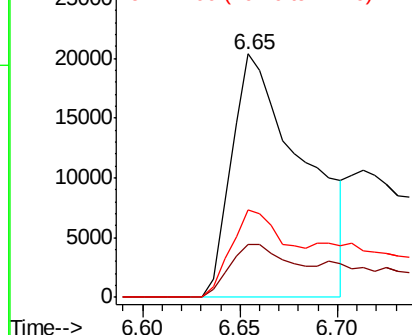
99 100

42 21.6 14.5 21.7

71 36.2 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: 2.062 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108722.D

Acq: 1 Sep 2018 6:55

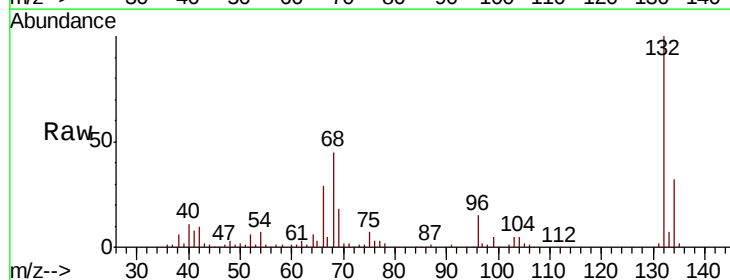
Tgt Ion: 77 Resp: 6955

Ion Ratio Lower Upper

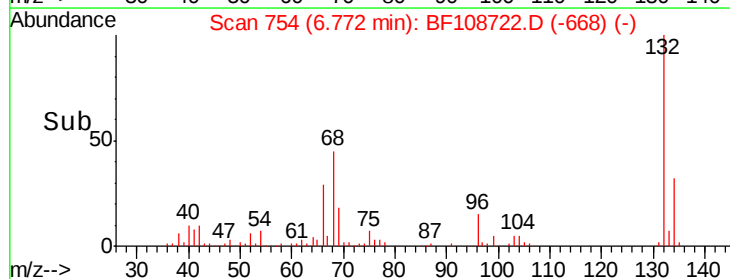
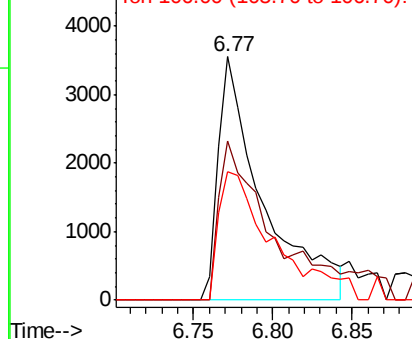
77 100

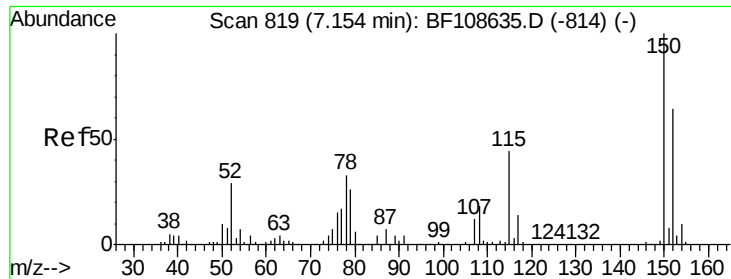
105 65.3 81.1 121.1#

106 52.8 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

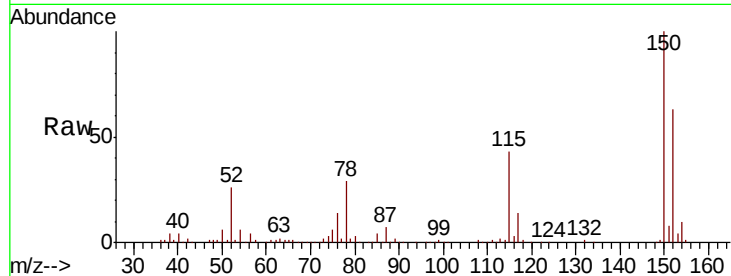




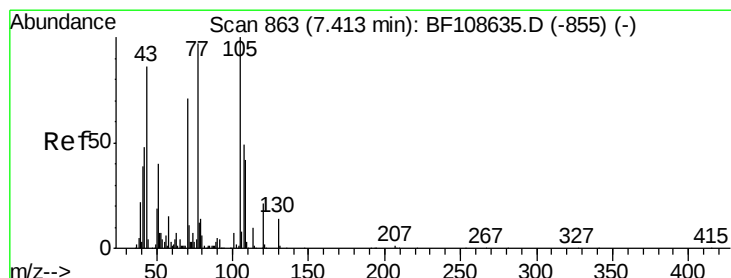
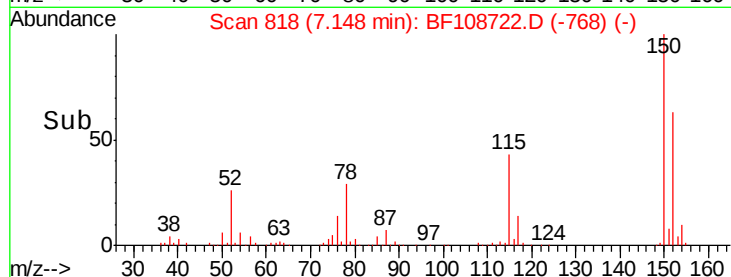
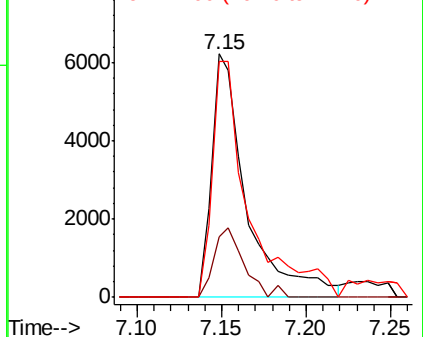
#15
Benzyl Alcohol
Concen: 2.293 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108722.D
Acq: 1 Sep 2018 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 8999
Ion Ratio Lower Upper
79 100
108 25.0 65.1 97.7#
77 96.9 50.6 75.8#

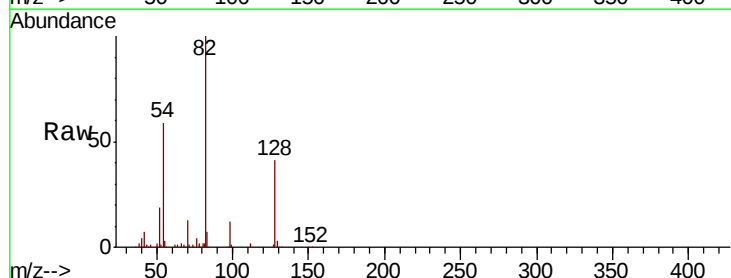


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

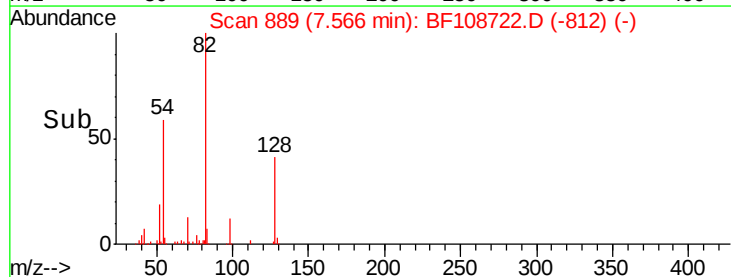
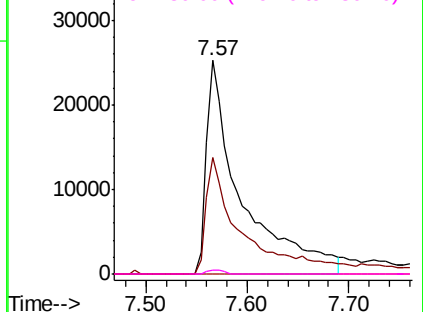


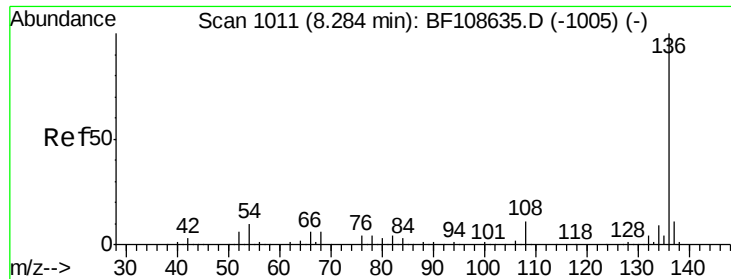
#19
n-Nitroso-di-n-propylamine
Concen: 16.517 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108722.D
Acq: 1 Sep 2018 6:55

Tgt Ion: 70 Resp: 60348
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 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

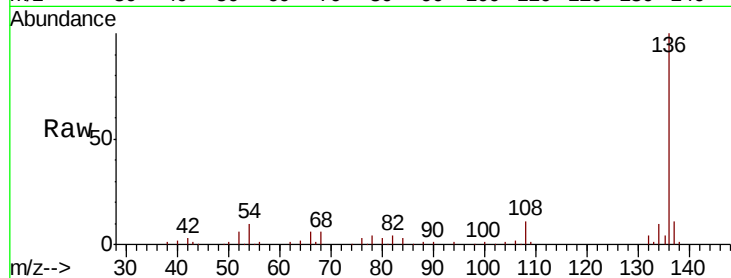




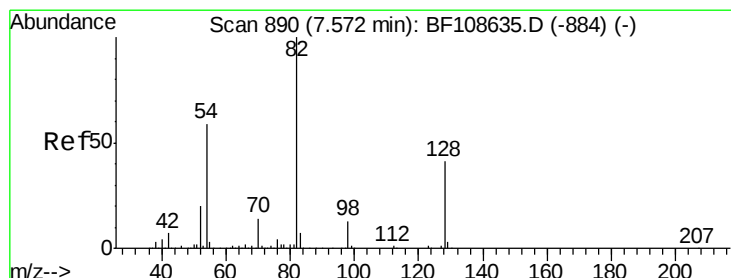
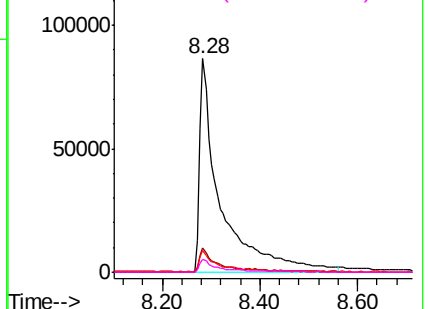
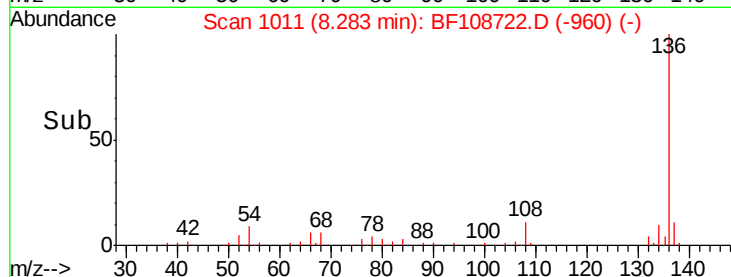
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108722.D
Acq: 1 Sep 2018 6:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	257776
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.0	6.6 9.8#
68	5.8	5.0 7.4

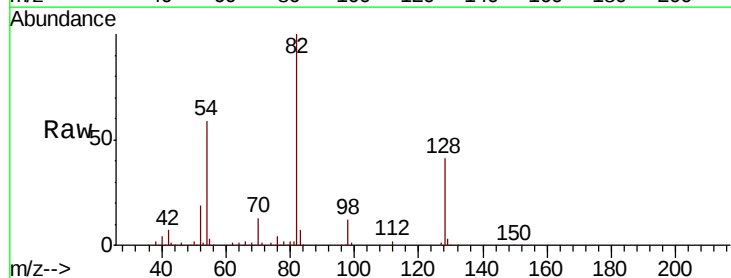


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

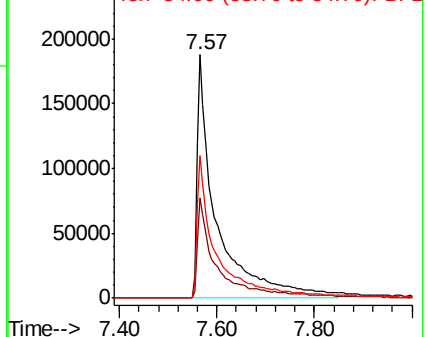
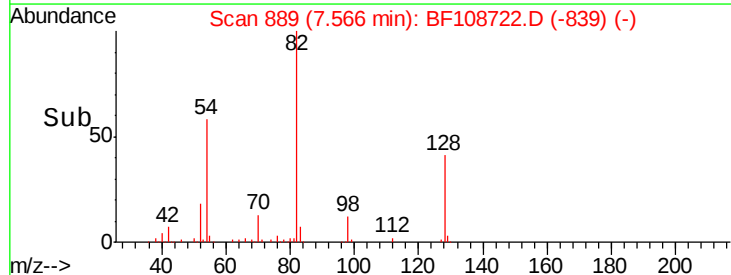


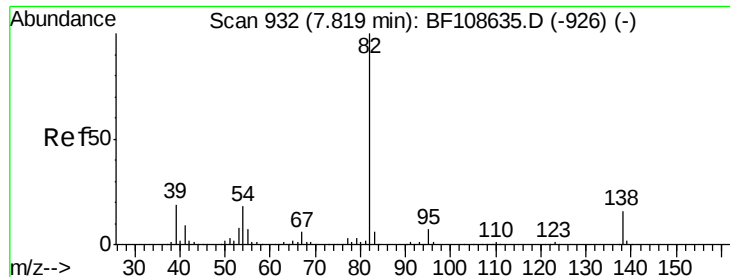
#23
Nitrobenzene-d5
Concen: 102.437 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108722.D
Acq: 1 Sep 2018 6:55

Tgt Ion: 82	Resp:	520223
Ion Ratio	Lower	Upper
82	100	
128	41.1	36.1 54.1
54	58.8	41.4 62.2



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: 63.813 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108722.D

Acq: 1 Sep 2018 6:55

Instrument :

BNA_F

ClientSampleId :

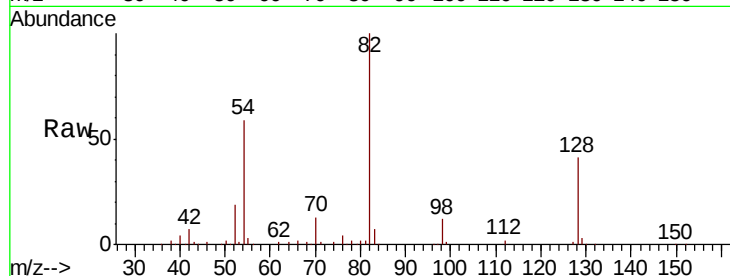
Tot Ion: 82 Resp: 538339

Ion Ratio Lower Upper

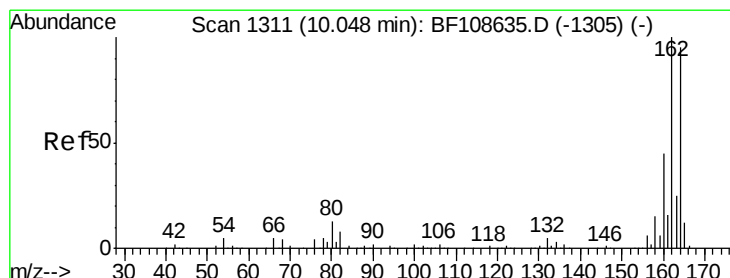
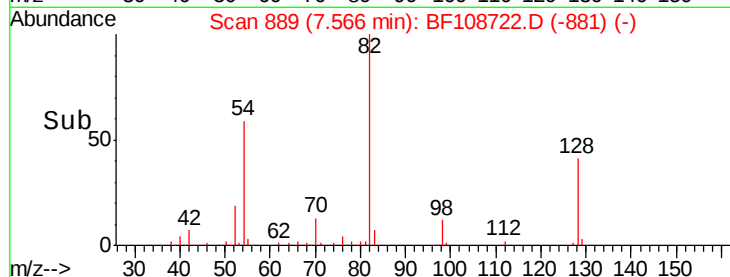
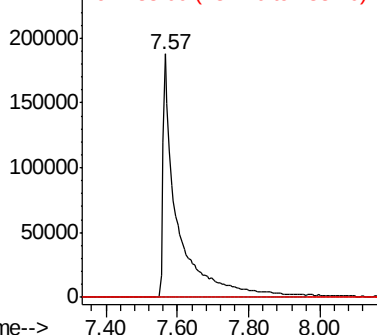
82 100

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: BF108722.D

Acq: 1 Sep 2018 6:55

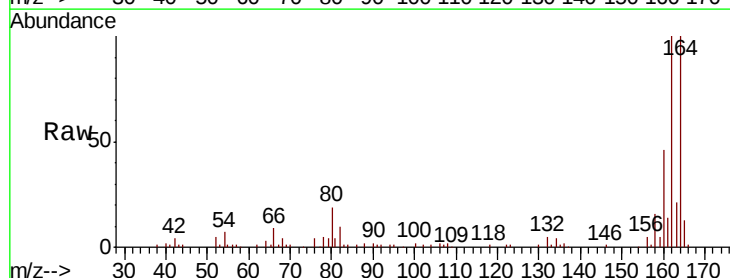
Tgt Ion:164 Resp: 109418

Ion Ratio Lower Upper

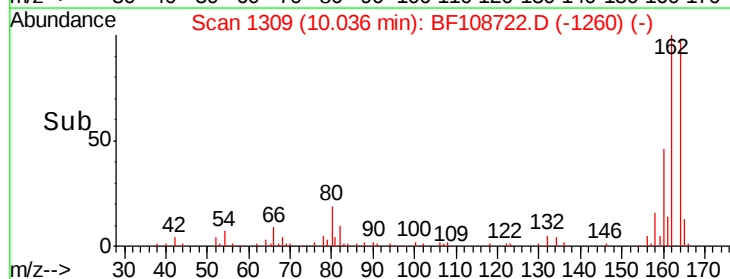
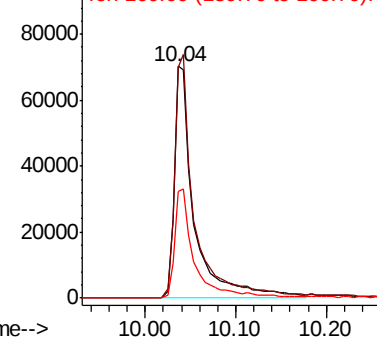
164 100

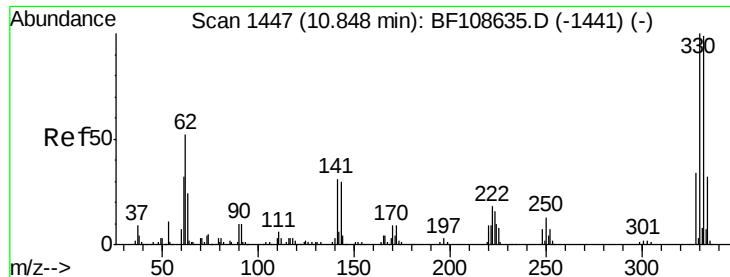
162 99.5 86.1 129.1

160 46.0 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

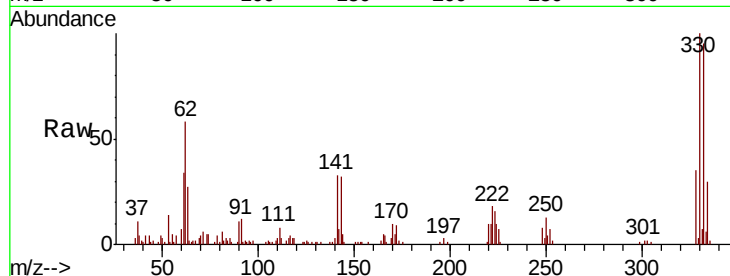




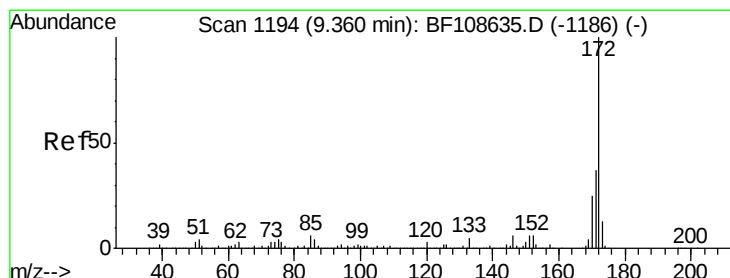
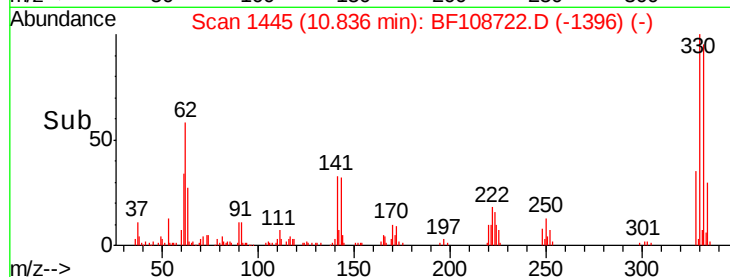
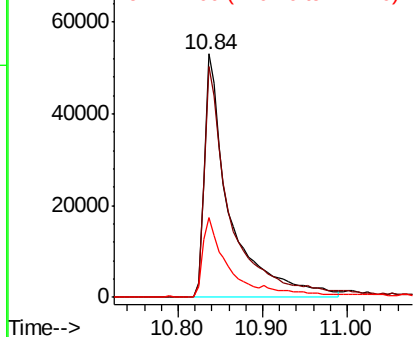
#41
 2,4,6-Tribromophenol
 Concen: 76.684 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108722.D
 Acq: 1 Sep 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 110766
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.0 115.6
 141 35.4 29.9 44.9

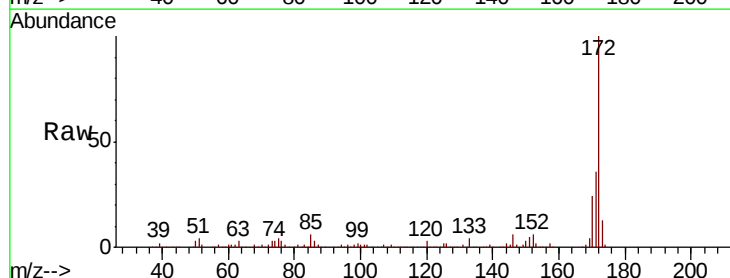


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

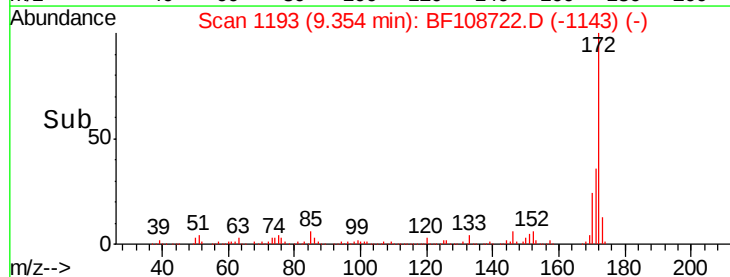
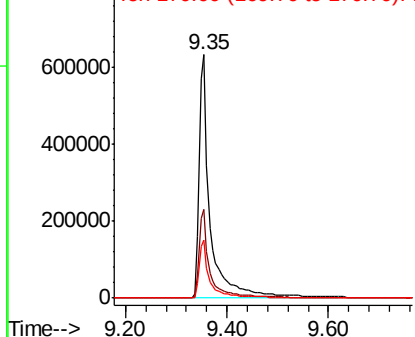


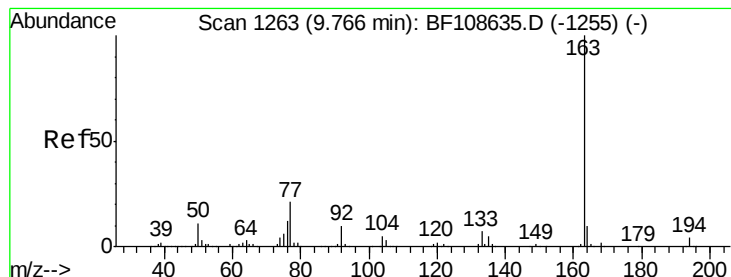
#44
 2-Fluorobiphenyl
 Concen: 120.141 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108722.D
 Acq: 1 Sep 2018 6:55

Tgt Ion:172 Resp: 977672
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 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: 5.028 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108722.D

Acq: 1 Sep 2018 6:55

Instrument :

BNA_F

ClientSampleId :

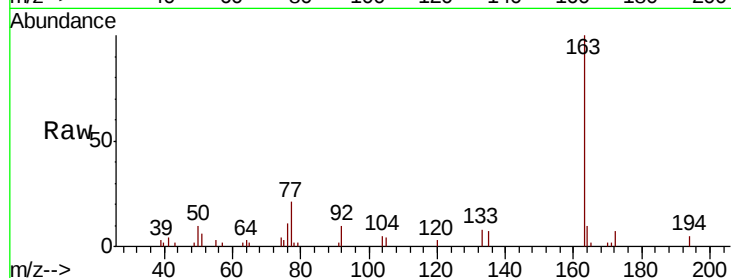
Tot Ion:163 Resp: 43319

Ion Ratio Lower Upper

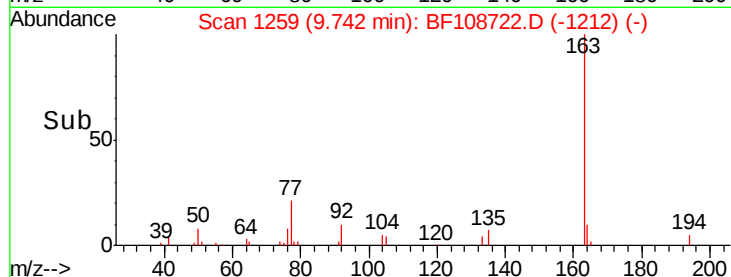
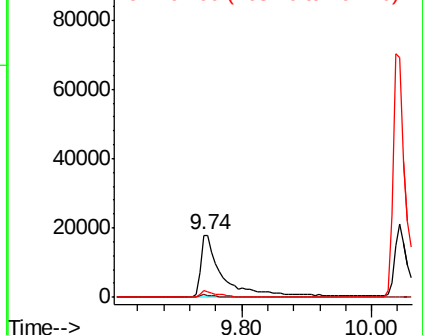
163 100

194 5.4 2.7 4.1#

164 10.0 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: 7.071 ng

RT: 10.04 min Scan# 1309

Delta R.T. 0.20 min

Lab File: BF108722.D

Acq: 1 Sep 2018 6:55

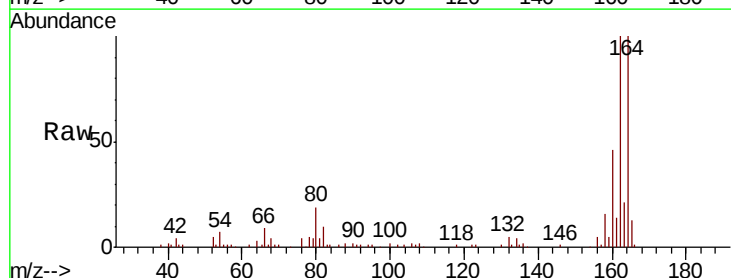
Tgt Ion:165 Resp: 13429

Ion Ratio Lower Upper

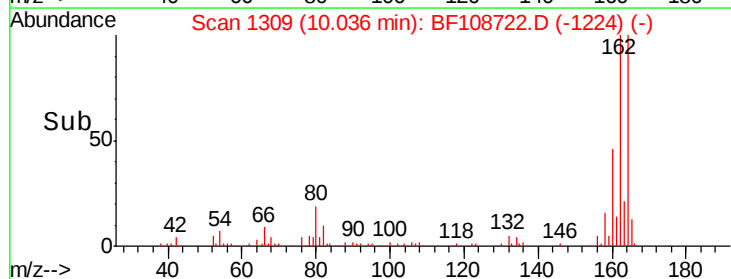
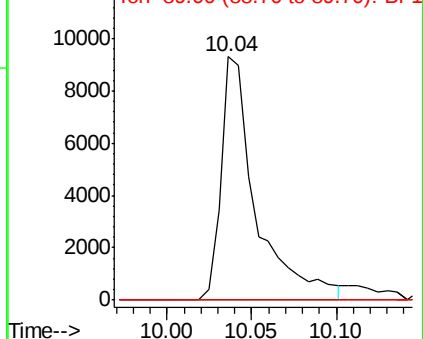
165 100

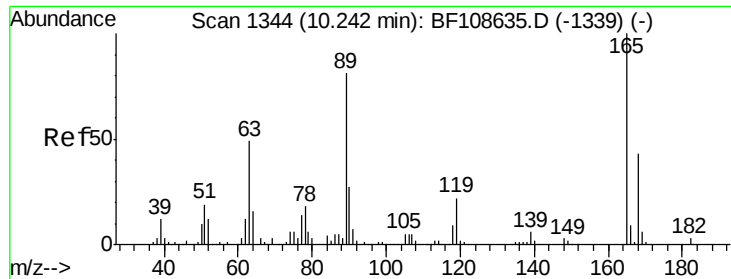
63 0.0 44.7 67.1#

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

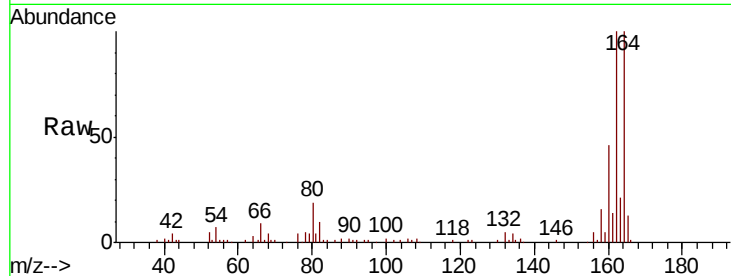




#56
 2,4-Dinitrotoluene
 Concen: 5.708 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108722.D
 Acq: 1 Sep 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

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

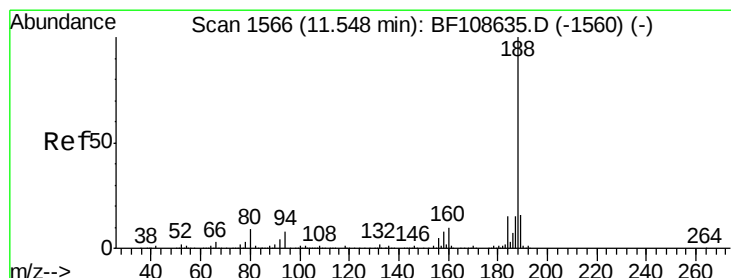
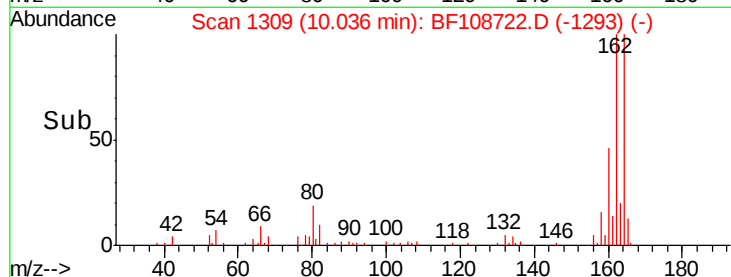
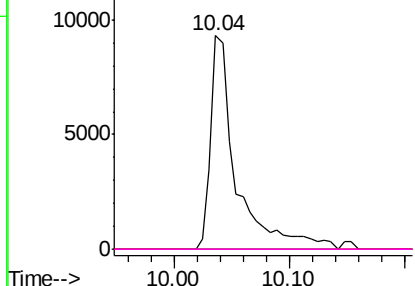


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

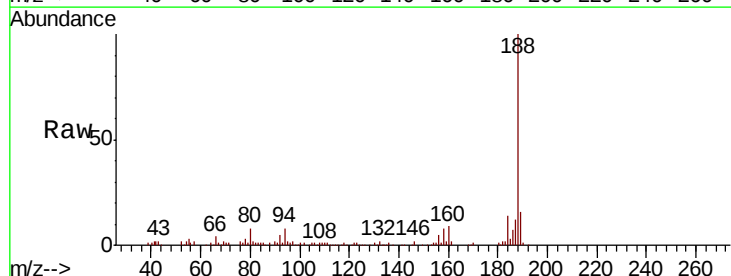
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108722.D
 Acq: 1 Sep 2018 6:55

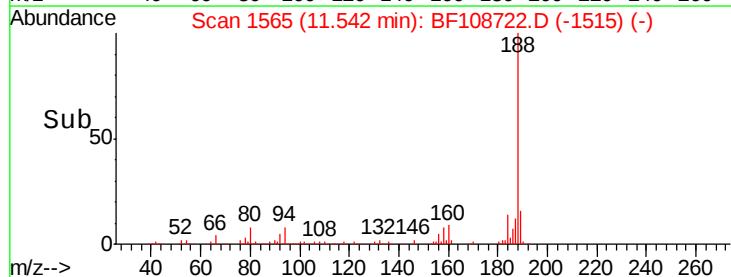
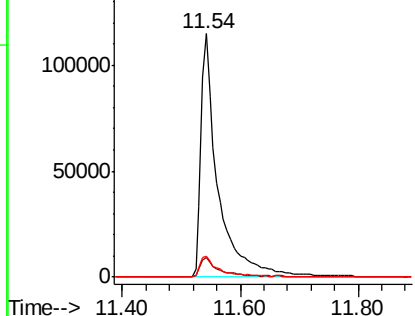
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.4	9.2	13.8#

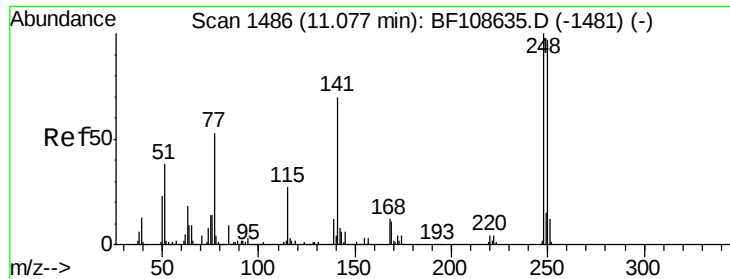


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

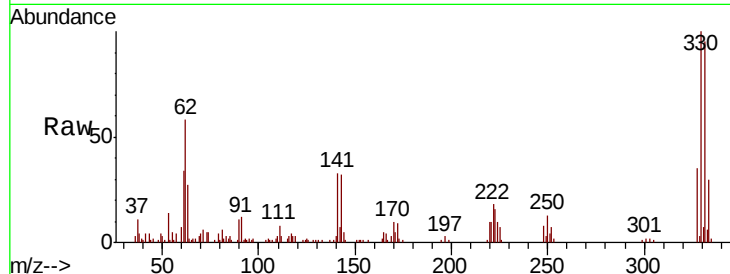




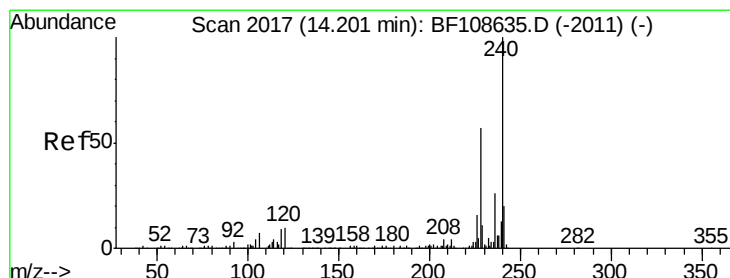
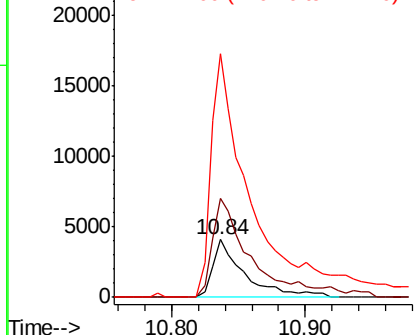
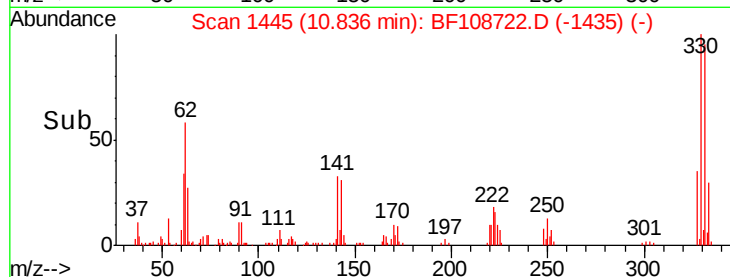
#66
 4-Bromophenyl-phenylether
 Concen: 2.443 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108722.D
 Acq: 1 Sep 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6931
 Ion Ratio Lower Upper
 248 100
 250 171.6 76.9 115.3#
 141 420.0 74.4 111.6#

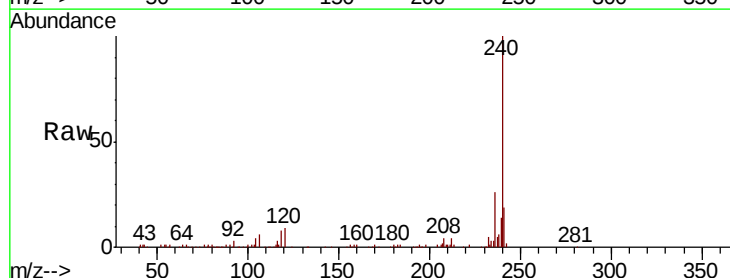


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

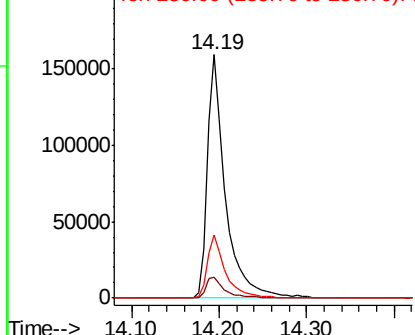
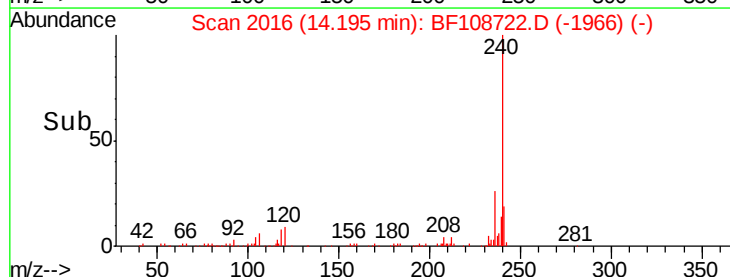


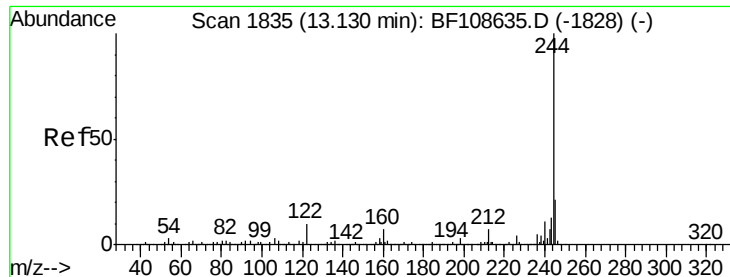
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108722.D
 Acq: 1 Sep 2018 6:55

Tgt Ion:240 Resp: 229366
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.5 14.3#
 236 25.9 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: 79.166 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108722.D

Acq: 1 Sep 2018 6:55

Instrument :

BNA_F

ClientSampleId :

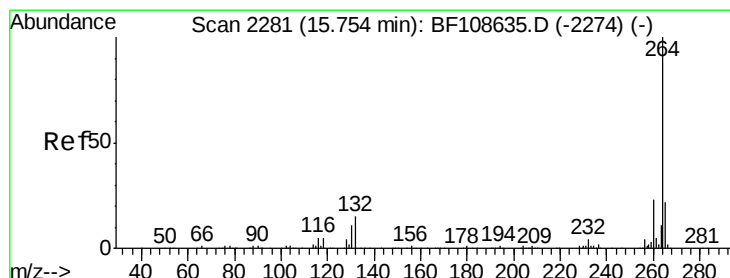
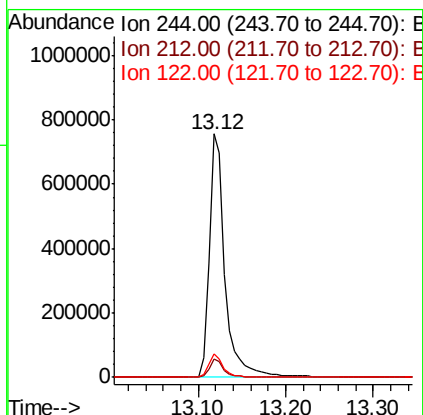
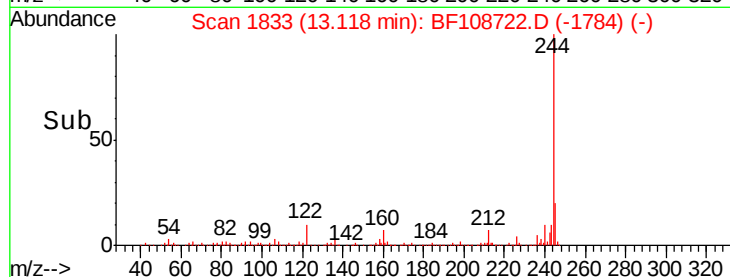
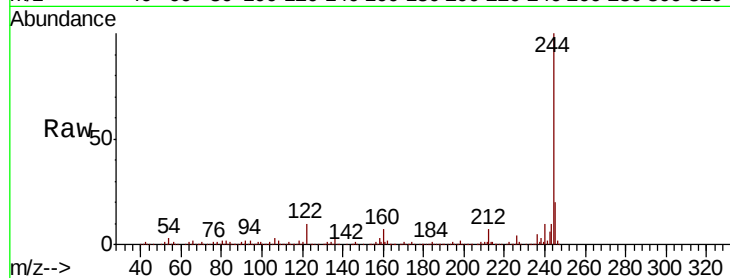
Tot Ion:244 Resp: 934554

Ion Ratio Lower Upper

244 100

212 7.4 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: BF108722.D

Acq: 1 Sep 2018 6:55

Tgt Ion:264 Resp: 159911

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.3 17.5 26.3

