

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108130.D
 Acq On : 13 Aug 2018 21:37
 Operator : JU/SJ
 Sample : J4442-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

Quant Time: Aug 14 01:12:34 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 08 12:24:24 2018
 Response via : Initial Calibration

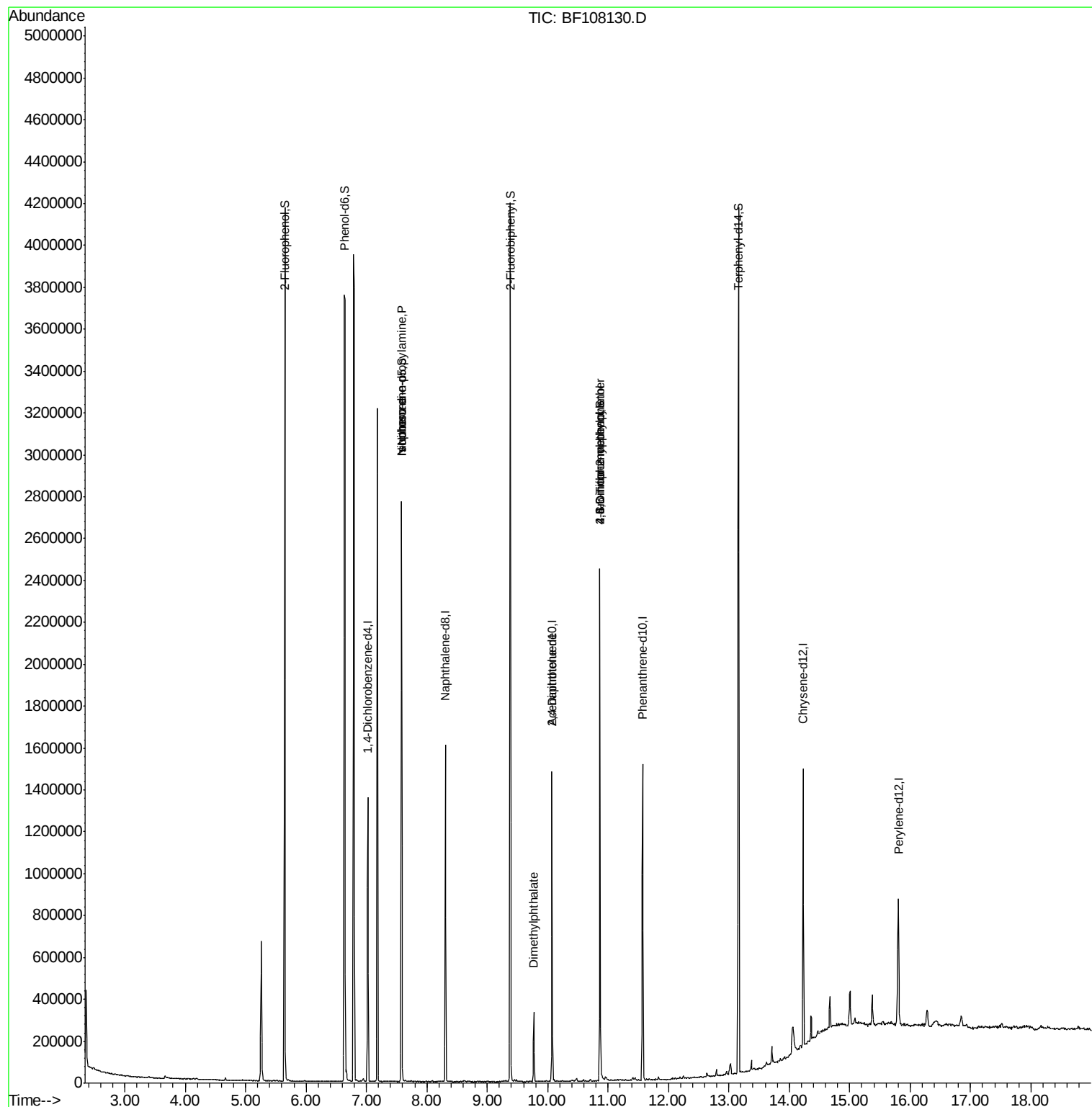
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	177892	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	608175	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	267449	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	507908	20.00	ng	0.01
75) Chrysene-d12	14.23	240	426931	20.00	ng	0.01
86) Perylene-d12	15.81	264	275052	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	991420	100.90	ng	0.02
7) Phenol-d6	6.64	99	1270404	97.30	ng	0.01
23) Nitrobenzene-d5	7.58	82	785069	72.03	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	265379	99.48	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1263557	75.85	ng	0.00
78) Terphenyl-d14	13.16	244	1339478	79.77	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	105443	11.942	ng	# 84
25) Isophorone	7.58	82	785055	37.791	ng	# 64
49) Dimethylphthalate	9.77	163	115266	6.187	ng	# 99
56) 2,4-Dinitrotoluene	10.07	165	33913	6.759	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	594	5.635	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	17500	3.171	ng	# 1

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

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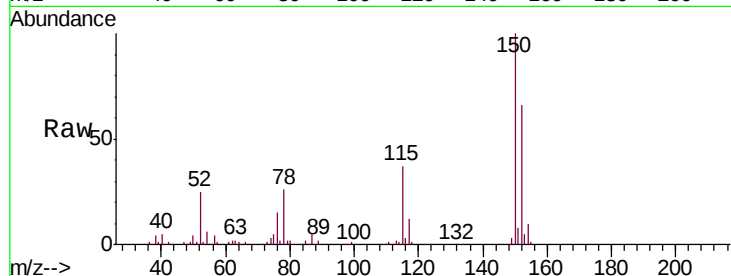


#1

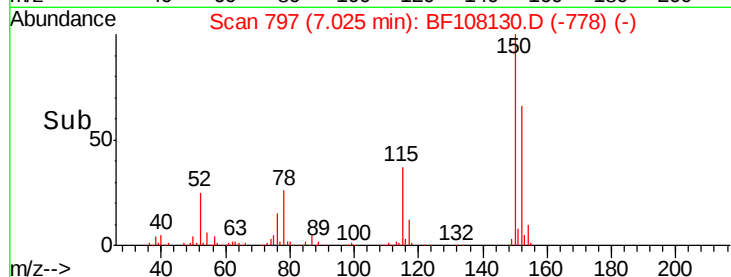
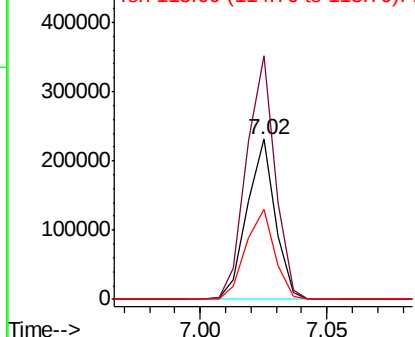
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Tgt Ion:152 Resp: 177892
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 55.9 50.1 75.1



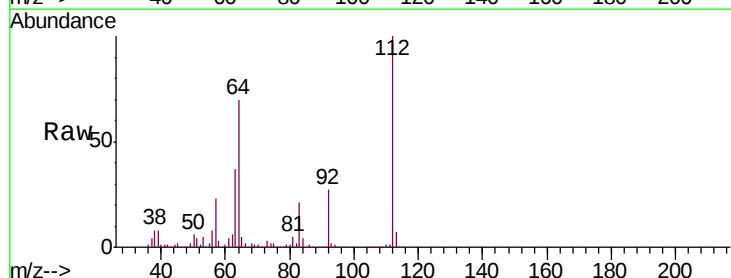
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



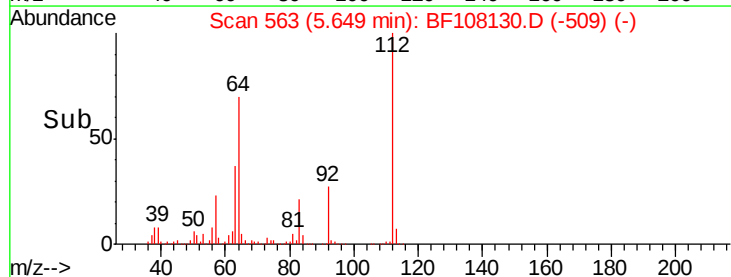
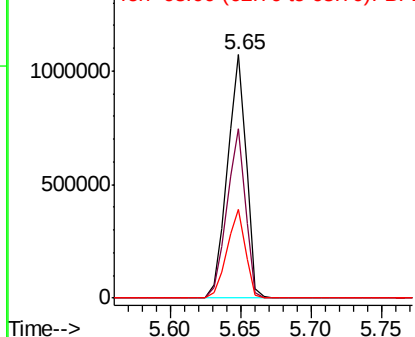
#5

2-Fluorophenol
Concen: 100.899 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Tgt Ion:112 Resp: 991420
Ion Ratio Lower Upper
112 100
64 69.6 47.9 71.9
63 36.6 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: 97.295 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

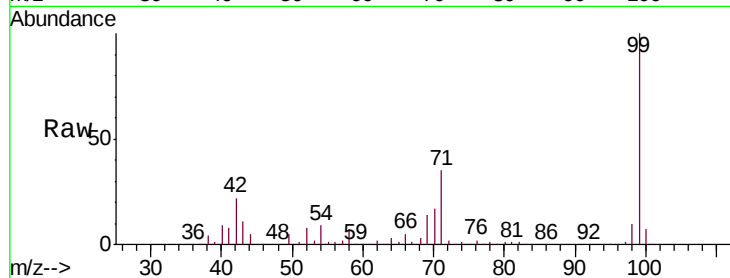
BNA_F

ClientSampleId :

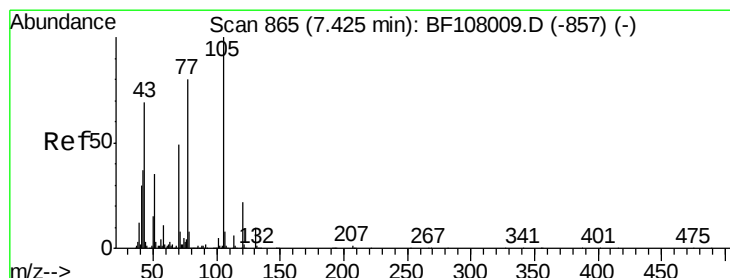
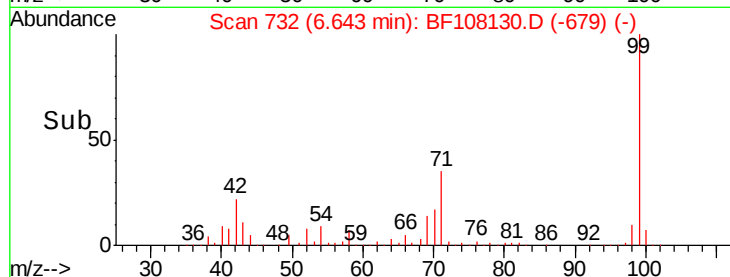
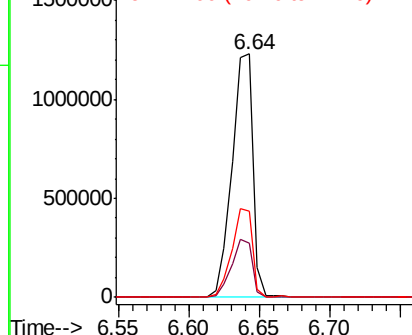
SP-1-1

Tgt Ion: 99 Resp: 1270404

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	35.3	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



#19

n-Nitroso-di-n-propylamine

Concen: 11.942 ng

RT: 7.58 min Scan# 892

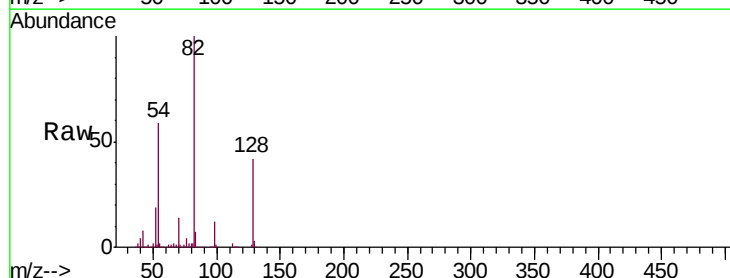
Delta R.T. 0.16 min

Lab File: BF108130.D

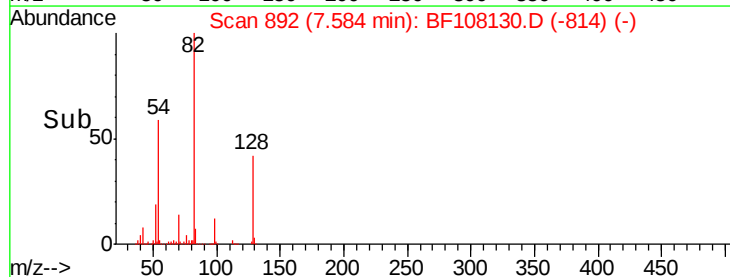
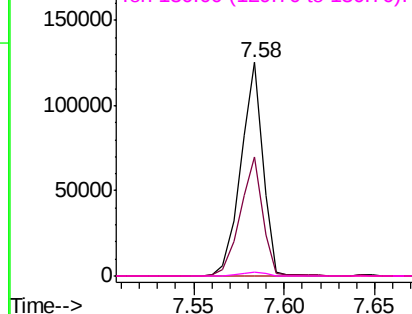
Acq: 13 Aug 2018 21:37

Tgt Ion: 70 Resp: 105443

Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	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

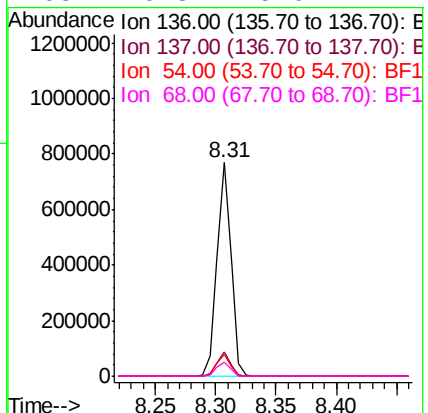
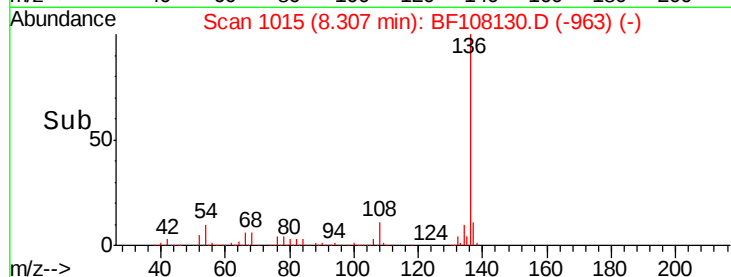
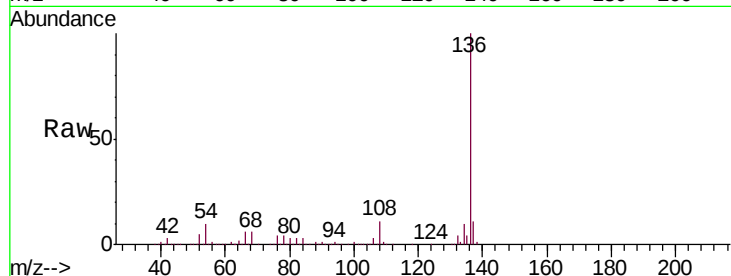




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

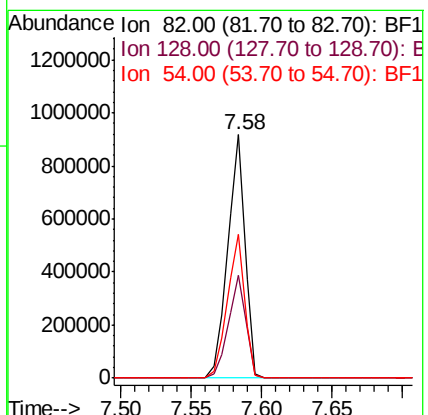
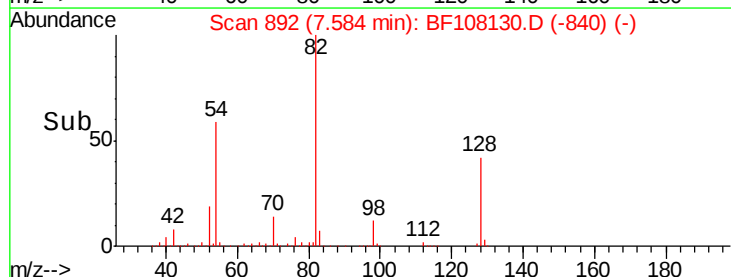
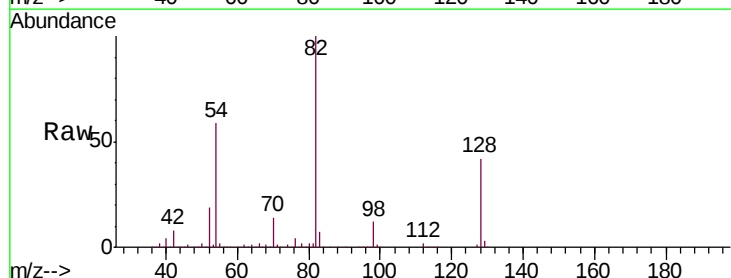
Instrument :
BNA_F
ClientSampleId :
SP-1-1

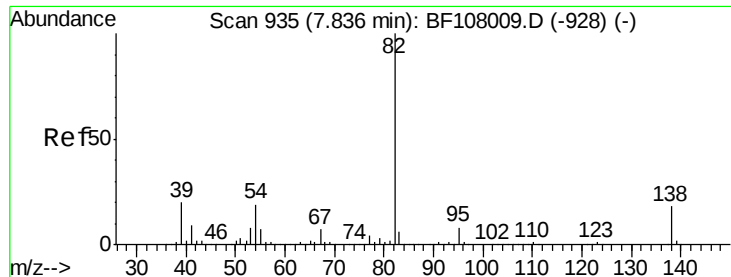
Tgt Ion:	136	Resp:	608175
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	6.6	9.8#
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 72.032 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Tgt Ion:	82	Resp:	785069
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	59.3	41.4	62.2





#25

Isophorone

Concen: 37.791 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

BNA_F

ClientSampleId :

SP-1-1

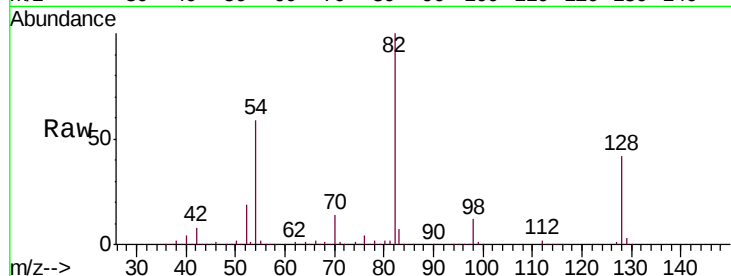
Tgt Ion: 82 Resp: 785055

Ion Ratio Lower Upper

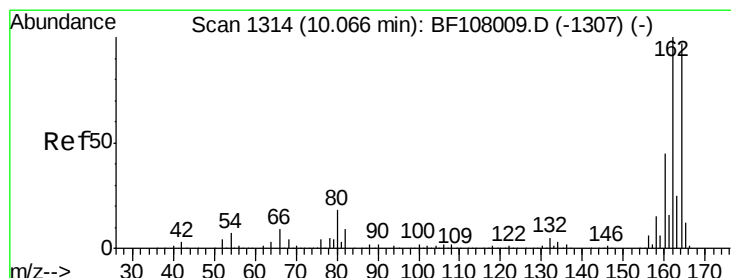
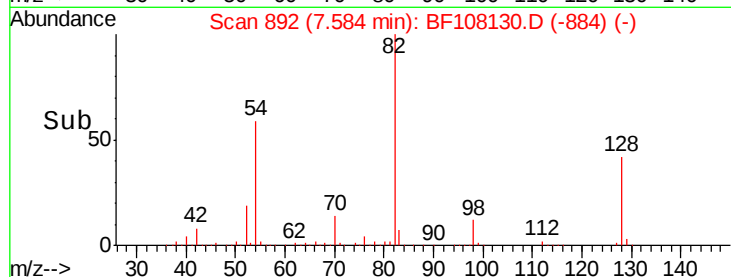
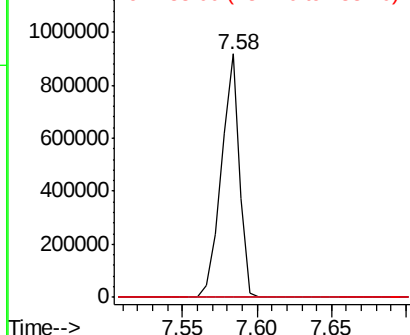
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

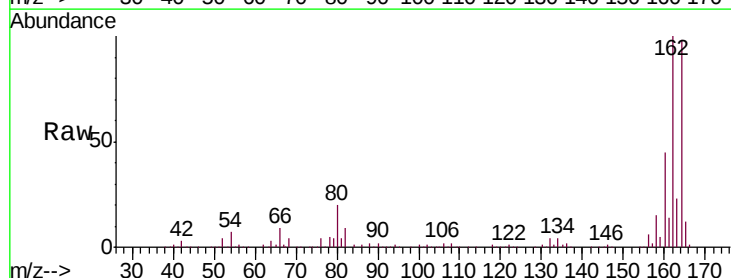
Tgt Ion: 164 Resp: 267449

Ion Ratio Lower Upper

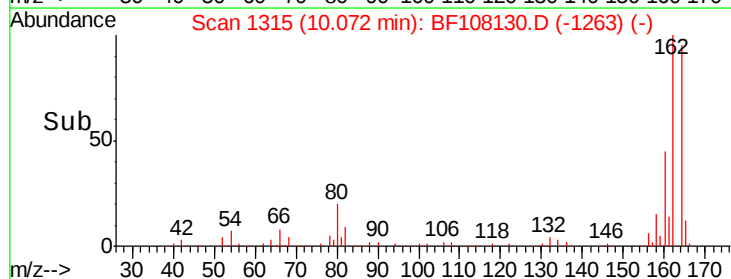
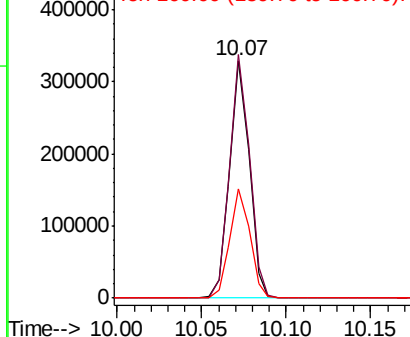
164 100

162 102.4 86.1 129.1

160 45.9 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

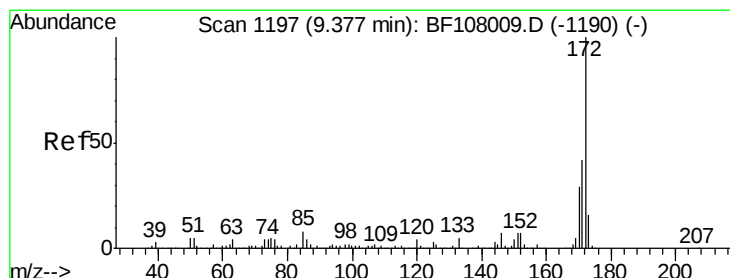
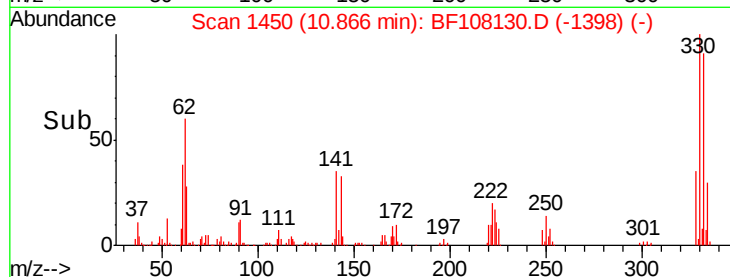
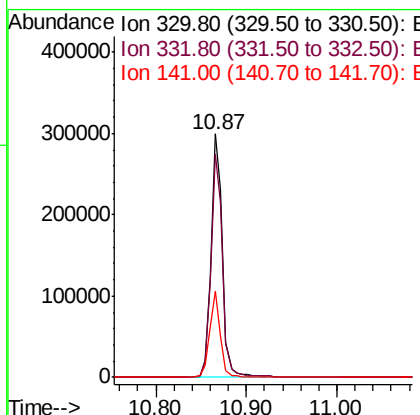
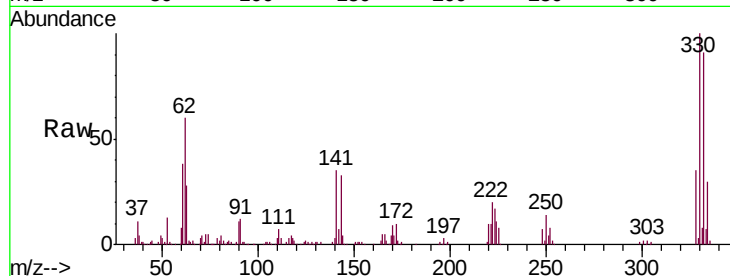




#41
 2,4,6-Tribromophenol
 Concen: 99.477 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108130.D
 Acq: 13 Aug 2018 21:37

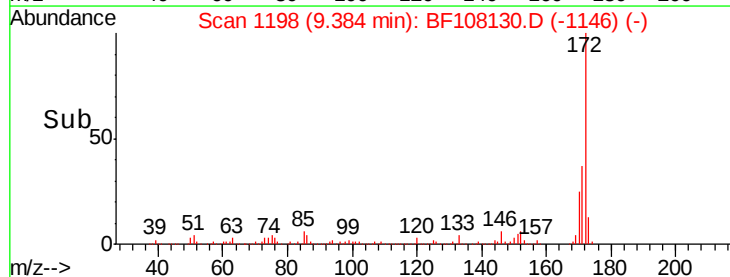
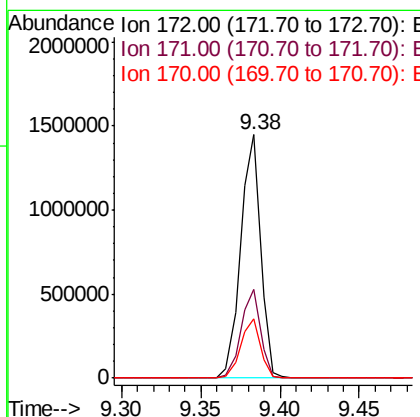
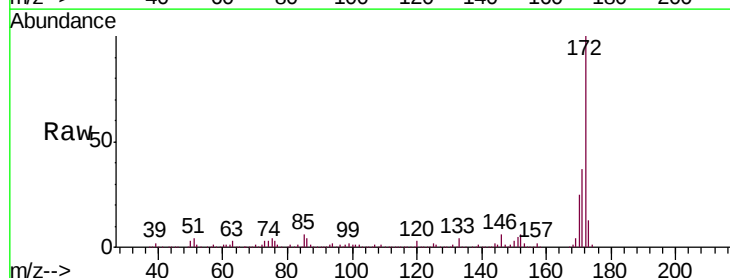
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

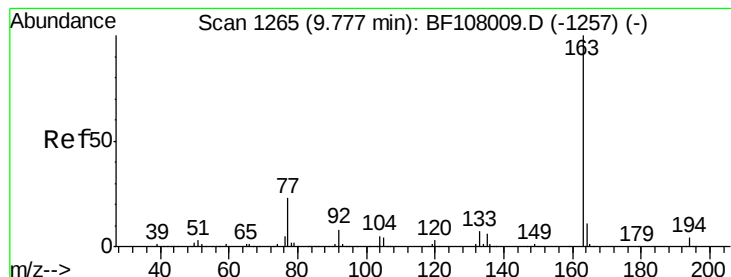
Tgt Ion: 330 Resp: 265379
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 33.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 75.850 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108130.D
 Acq: 13 Aug 2018 21:37

Tgt Ion: 172 Resp: 1263557
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 19.6 29.4





#49

Dimethylphthalate

Concen: 6.187 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

BNA_F

ClientSampleId :

SP-1-1

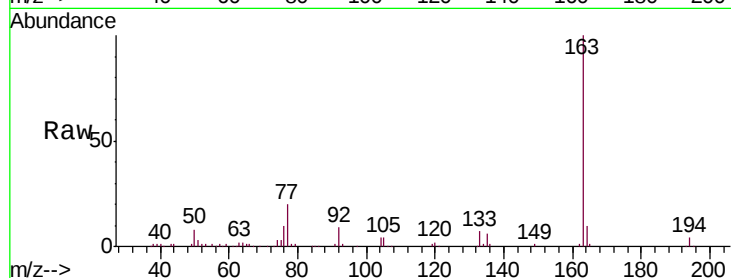
Tgt Ion:163 Resp: 115266

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

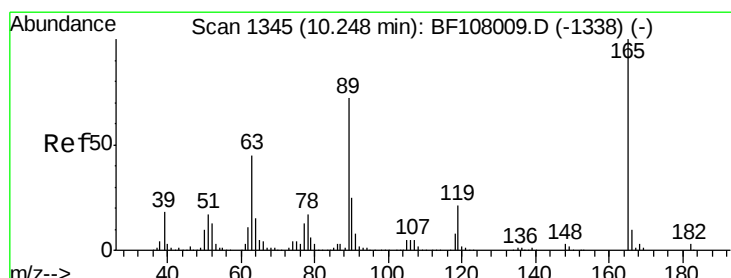
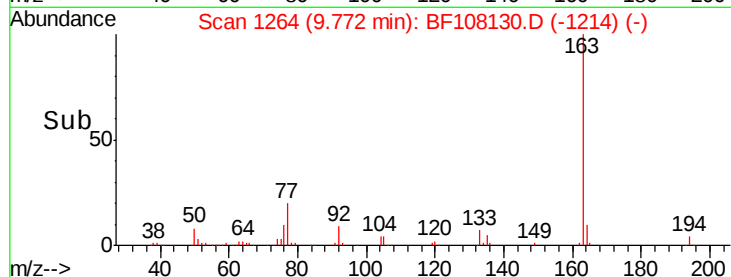
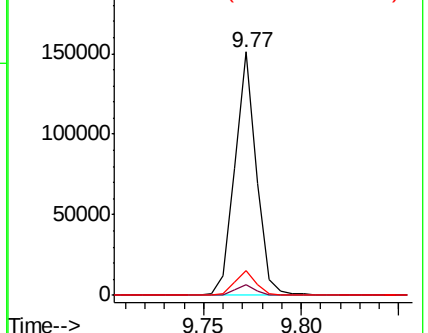
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.759 ng

RT: 10.07 min Scan# 1315

Delta R.T. -0.18 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Tgt Ion:165 Resp: 33913

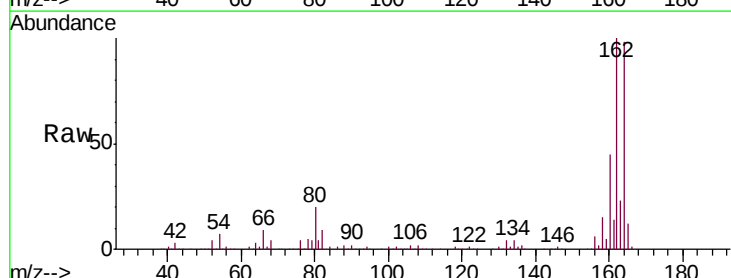
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

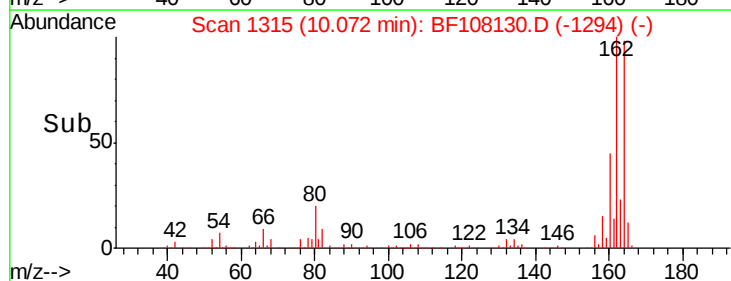
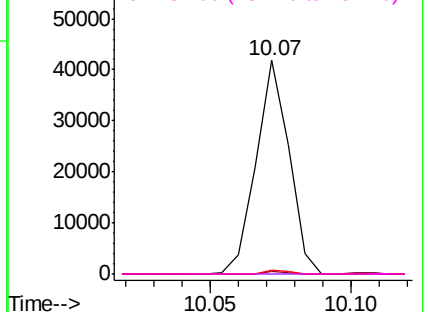


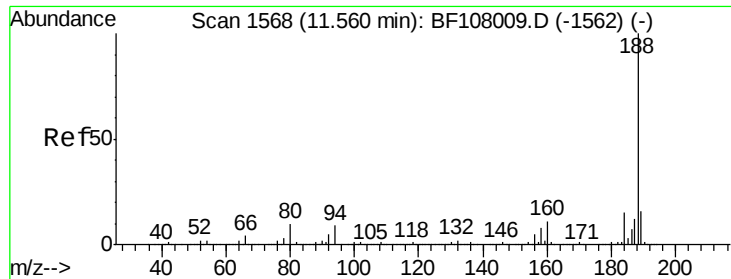
Abundance Ion 165.00 (164.70 to 165.70): E

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

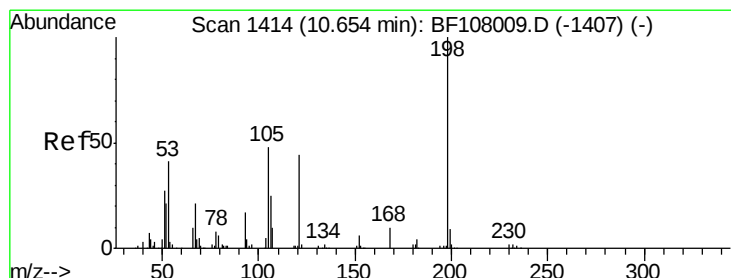
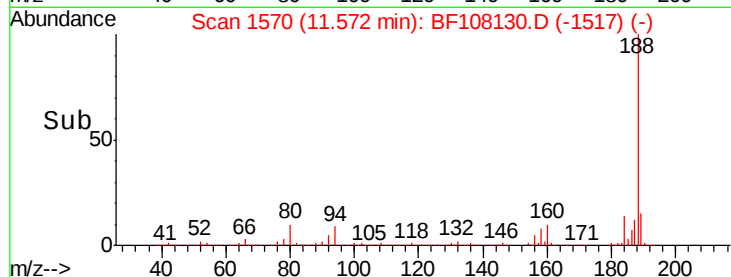
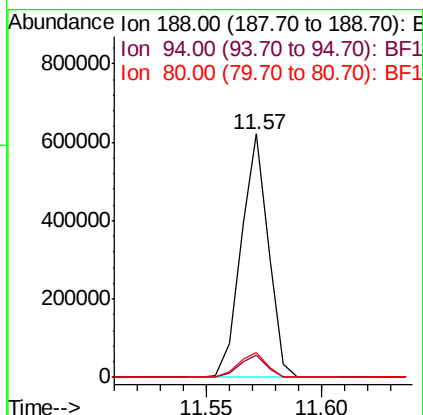
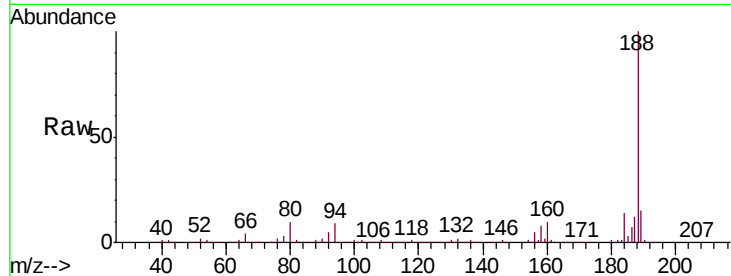




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

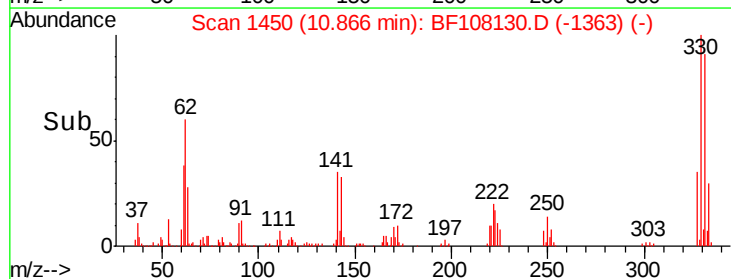
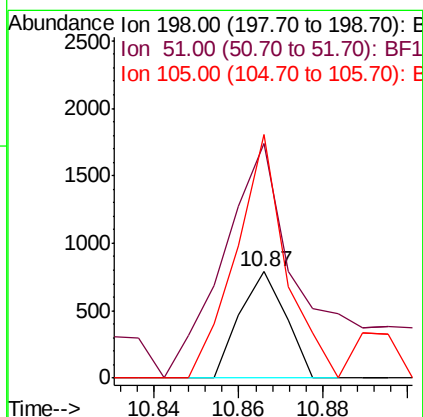
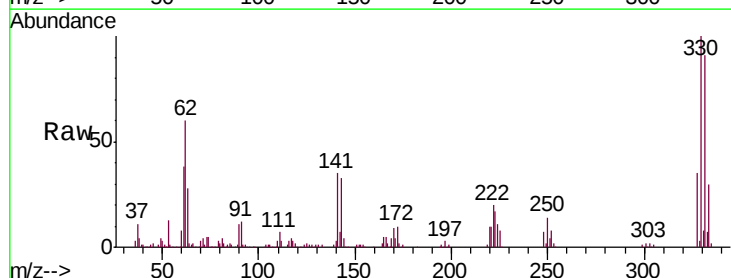
Instrument :
BNA_F
ClientSampled :
SP-1-1

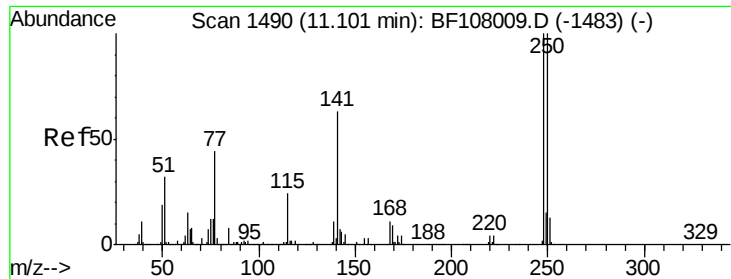
Tgt Ion:188 Resp: 507908
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.635 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.21 min
Lab File: BF108130.D
Acq: 13 Aug 2018 21:37

Tgt Ion:198 Resp: 594
Ion Ratio Lower Upper
198 100
51 220.6 37.7 77.7#
105 229.4 36.3 76.3#

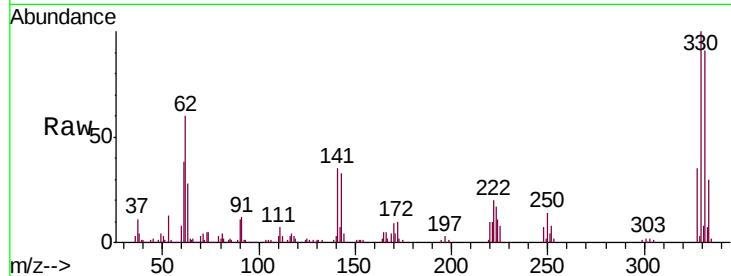




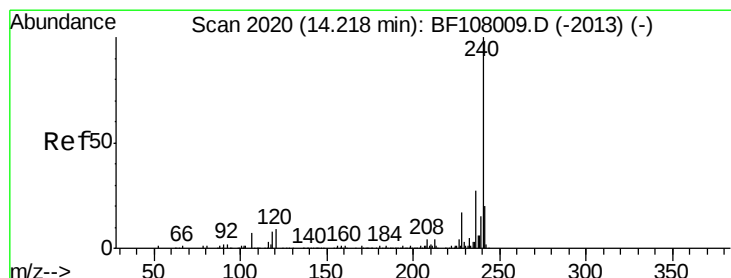
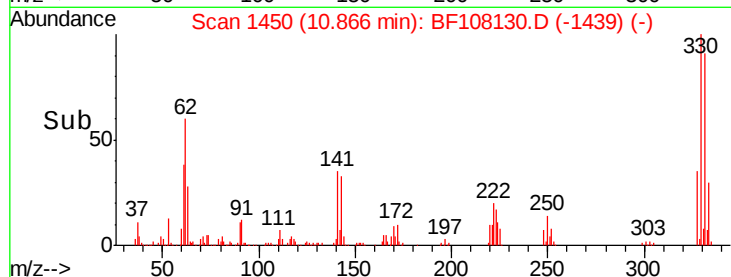
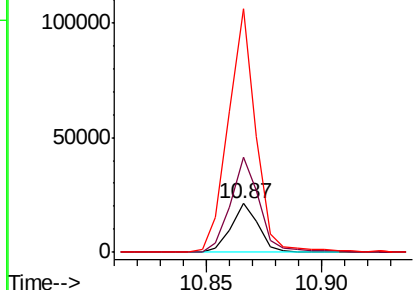
#66
 4-Bromophenyl-phenylether
 Concen: 3.171 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF108130.D
 Acq: 13 Aug 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

Tgt Ion:248 Resp: 17500
 Ion Ratio Lower Upper
 248 100
 250 196.5 76.9 115.3#
 141 502.6 74.4 111.6#

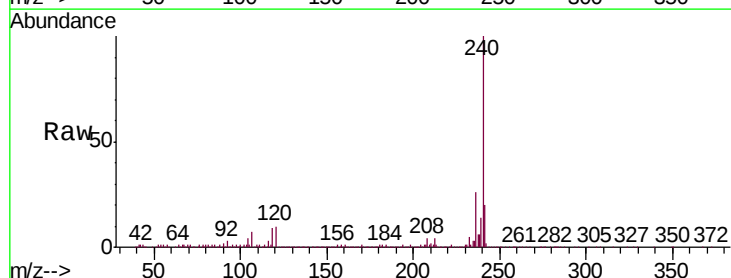


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

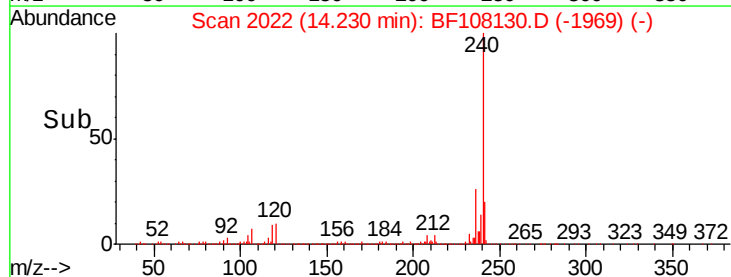
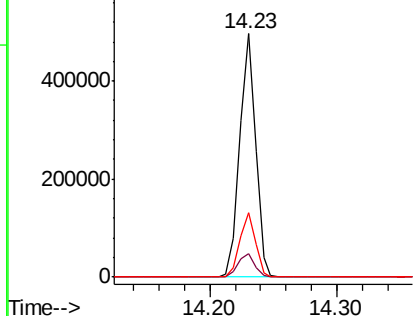


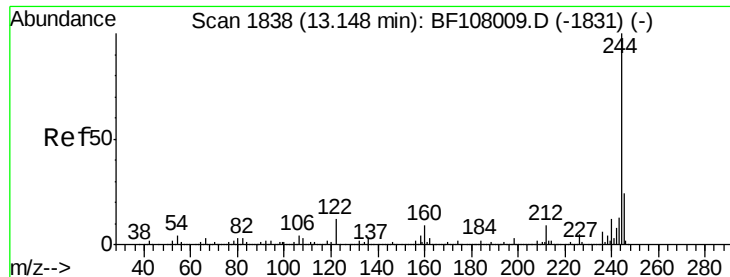
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF108130.D
 Acq: 13 Aug 2018 21:37

Tgt Ion:240 Resp: 426931
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 26.4 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: 79.772 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

Instrument :

BNA_F

ClientSampleId :

SP-1-1

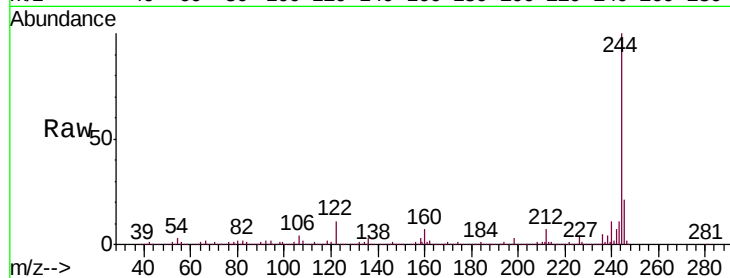
Tgt Ion:244 Resp: 1339478

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

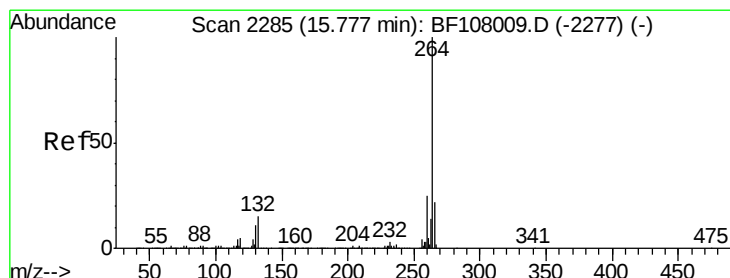
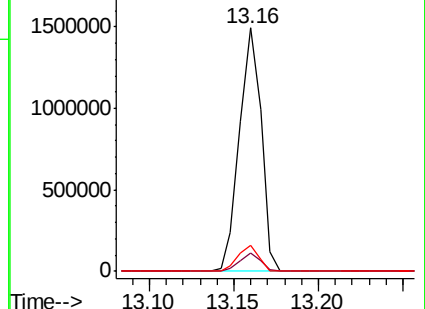
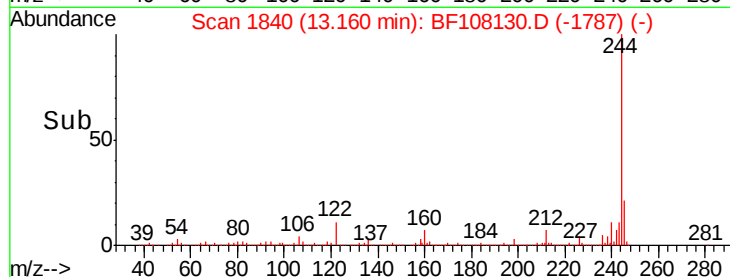
122 10.8 11.0 16.4#



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: 15.81 min Scan# 2290

Delta R.T. 0.03 min

Lab File: BF108130.D

Acq: 13 Aug 2018 21:37

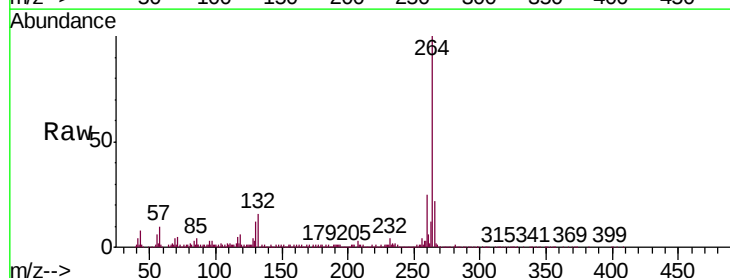
Tgt Ion:264 Resp: 275052

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 22.1 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

