

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108529.D
 Acq On : 28 Aug 2018 00:34
 Operator : JU/SJ
 Sample : J4659-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 03:10:22 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

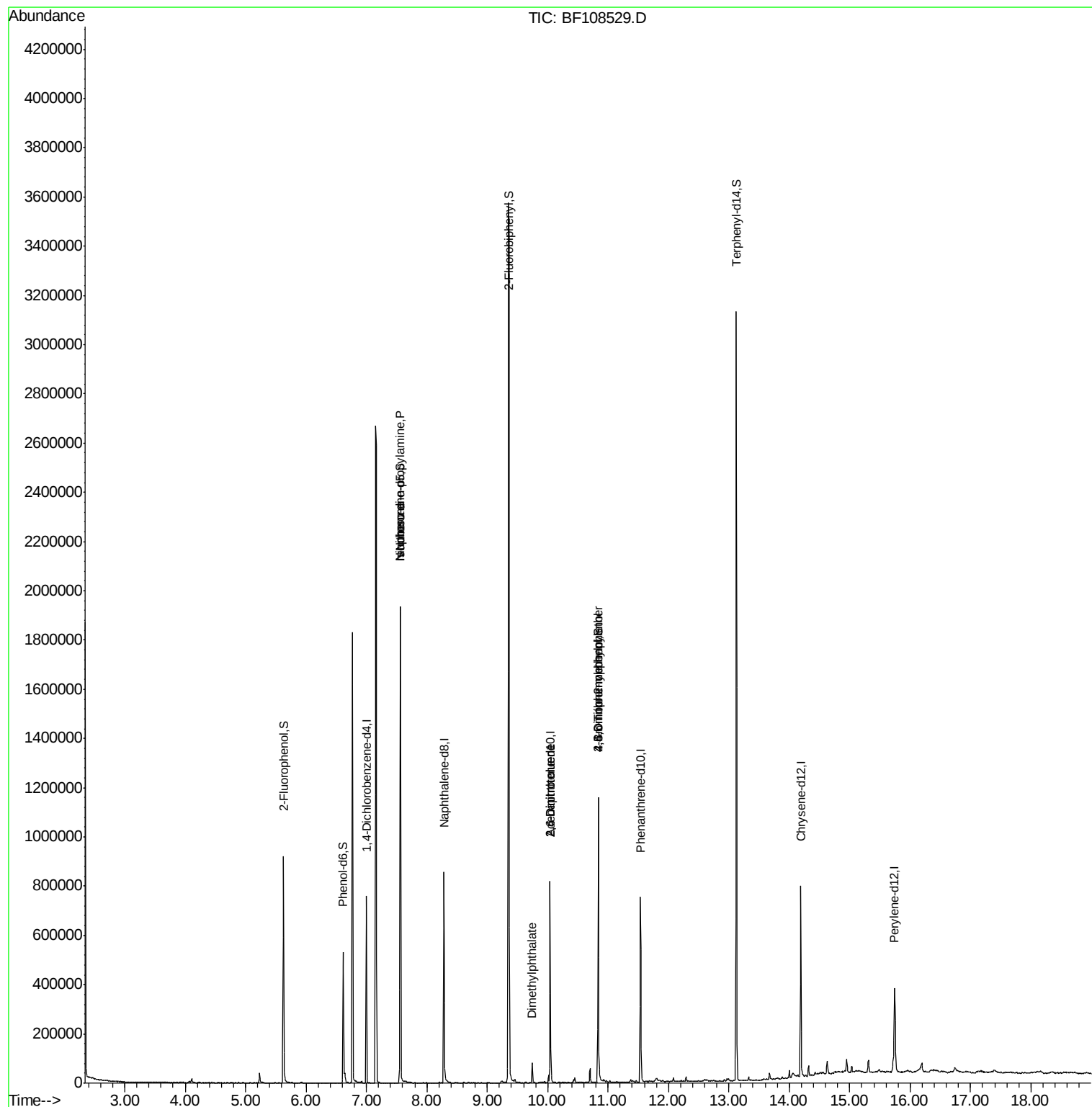
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	105683	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	370095	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	151582	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	265389	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	267951	20.00	ng	-0.01
86) Perylene-d12	15.74	264	185018	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	221864	38.01	ng	0.00
7) Phenol-d6	6.61	99	174315	22.47	ng	-0.02
23) Nitrobenzene-d5	7.56	82	687982	103.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	137480	90.93	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1226447	129.90	ng	0.00
78) Terphenyl-d14	13.12	244	1015744	96.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	92356	17.606	ng	# 83
25) Isophorone	7.56	82	687975	54.422	ng	# 64
49) Dimethylphthalate	9.75	163	35004	3.315	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	19278	8.726	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	19278	6.779	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	121	5.466	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	8919	3.093	ng	# 1

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

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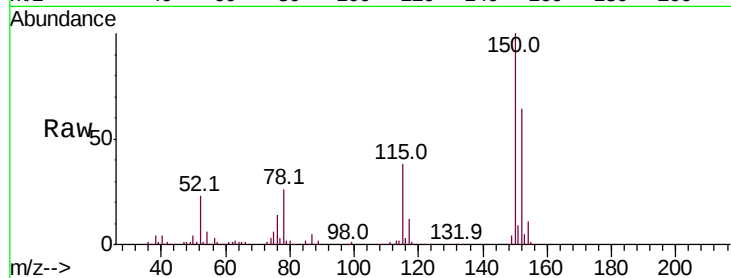


#1

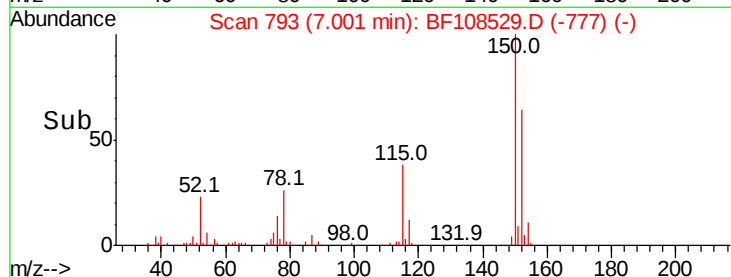
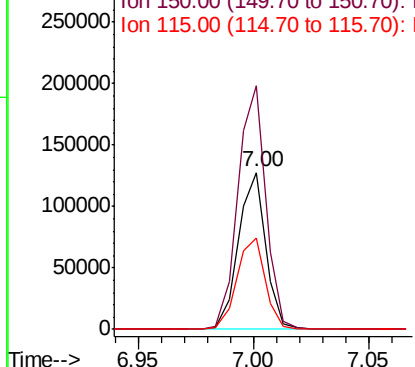
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105683
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.4 50.1 75.1



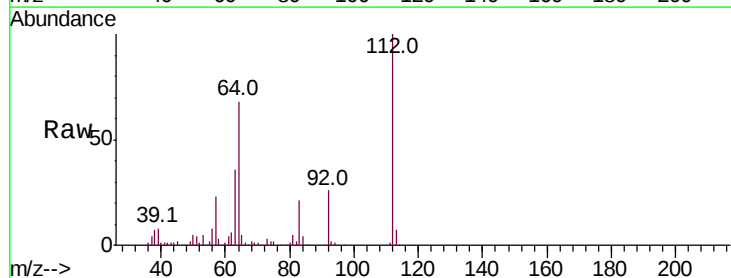
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



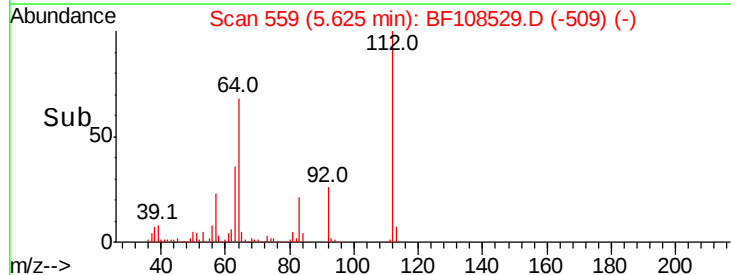
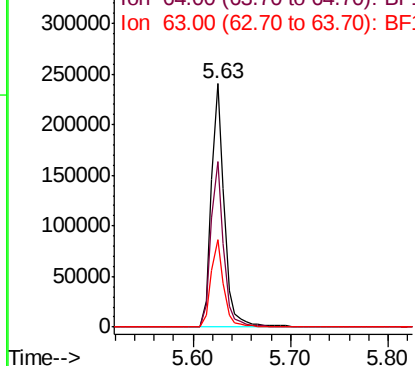
#5

2-Fluorophenol
Concen: 38.008 ng
RT: 5.63 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Tgt Ion:112 Resp: 221864
Ion Ratio Lower Upper
112 100
64 68.0 47.9 71.9
63 35.7 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: 22.472 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108529.D

Acq: 28 Aug 2018 00:34

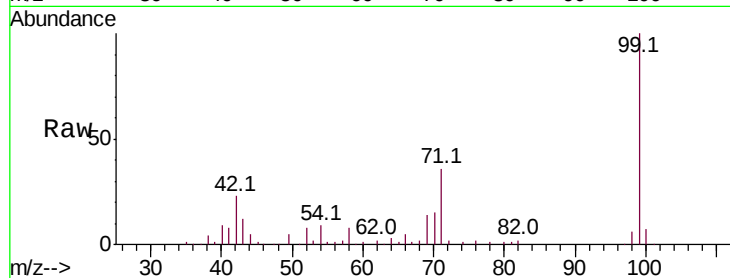
Instrument :

BNA_F

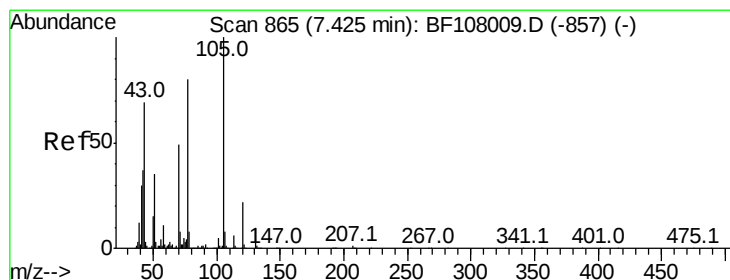
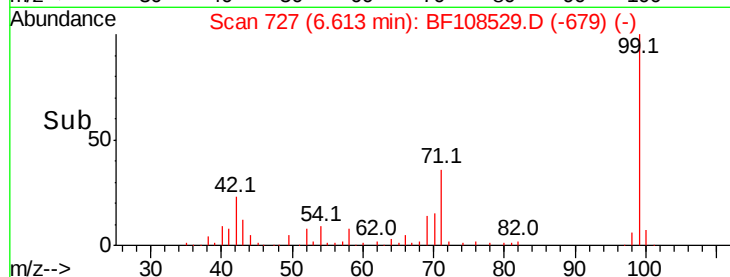
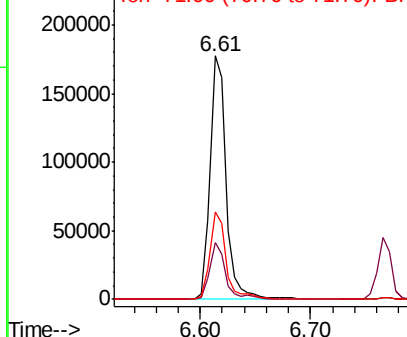
ClientSampled :

Tot Ion: 99 Resp: 174315

Ion	Ratio	Lower	Upper
99	100		
42	23.2	14.5	21.7#
71	35.9	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: 17.606 ng

RT: 7.56 min Scan# 888

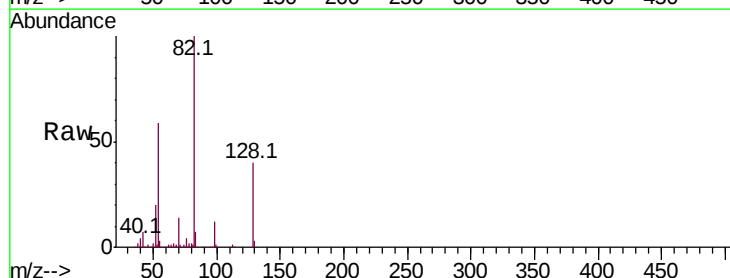
Delta R.T. 0.15 min

Lab File: BF108529.D

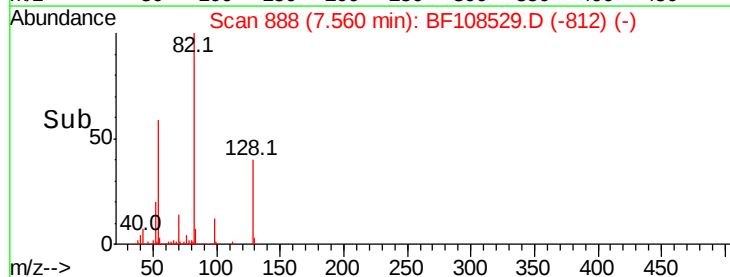
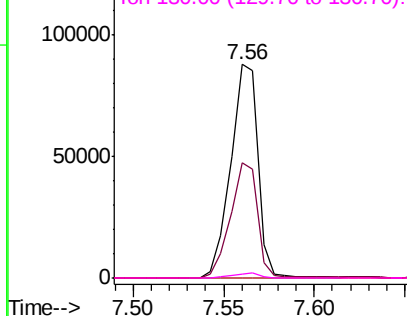
Acq: 28 Aug 2018 00:34

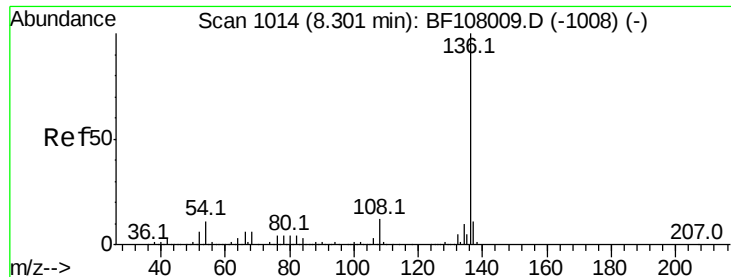
Tgt Ion: 70 Resp: 92356

Ion	Ratio	Lower	Upper
70	100		
42	54.2	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

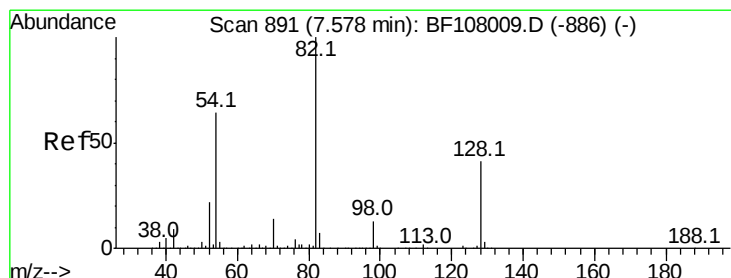
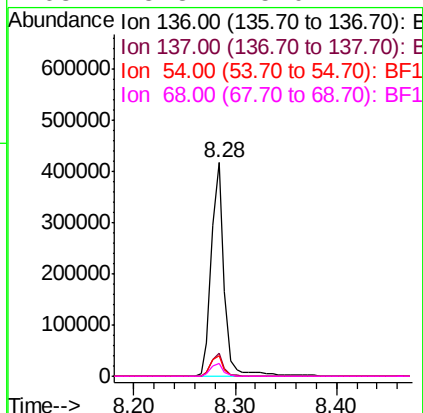
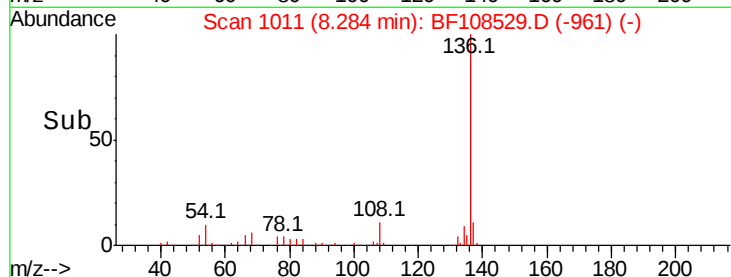
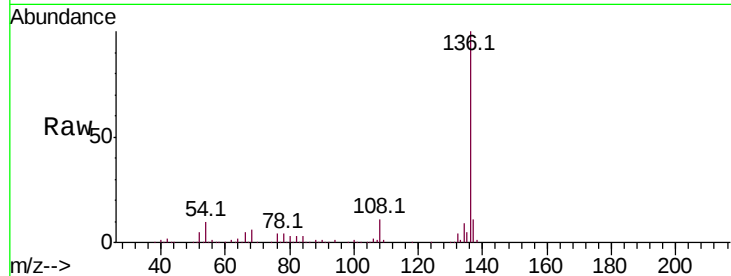




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

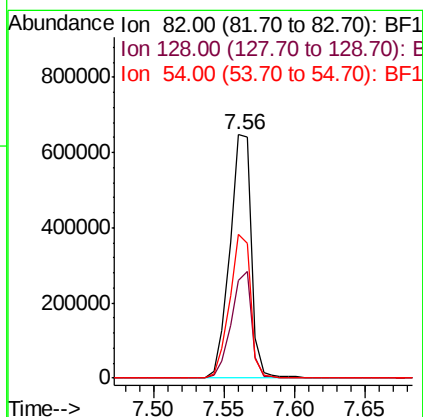
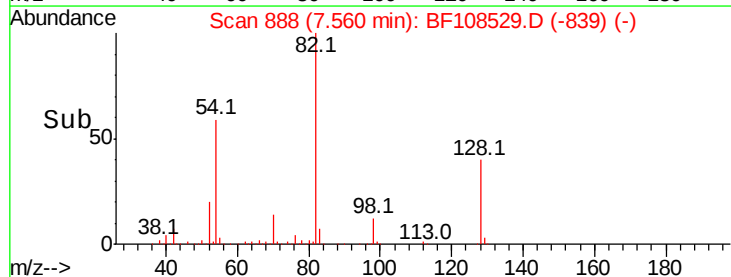
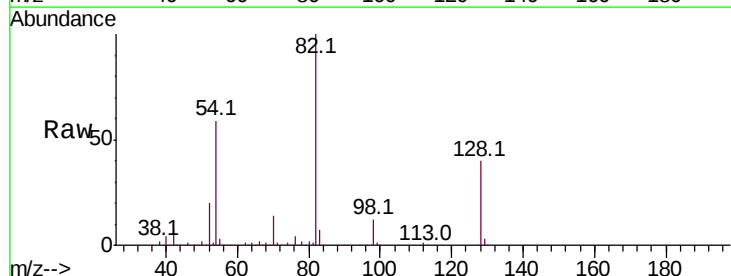
Instrument :
BNA_F
ClientSampleId :

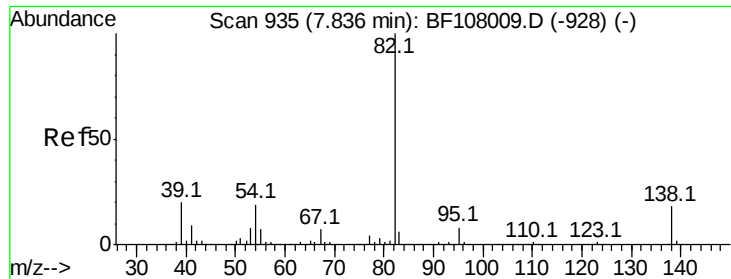
Tot Ion:136	Resp:	370095
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.6	6.6 9.8
68	5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 103.731 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Tgt Ion: 82	Resp:	687982
Ion	Ratio	Lower Upper
82	100	
128	40.2	36.1 54.1
54	59.0	41.4 62.2





#25

Isophorone

Concen: 54.422 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108529.D

Acq: 28 Aug 2018 00:34

Instrument :

BNA_F

ClientSampleId :

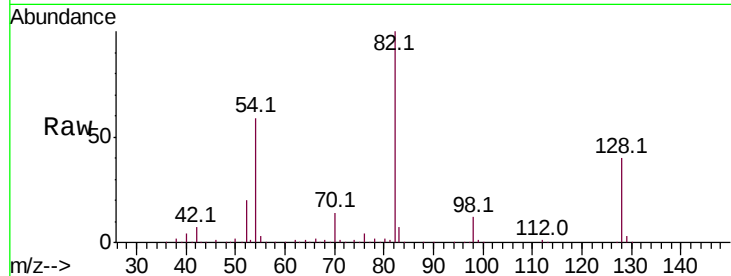
Tot Ion: 82 Resp: 687975

Ion Ratio Lower Upper

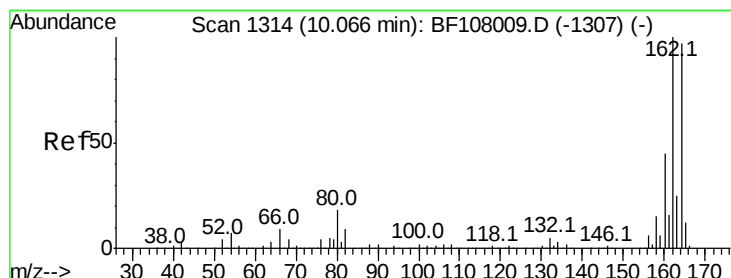
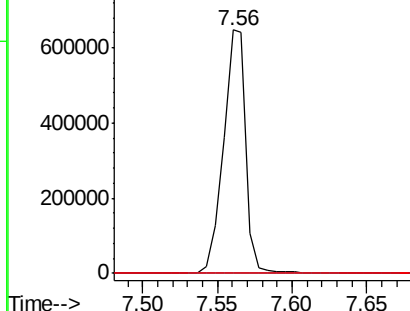
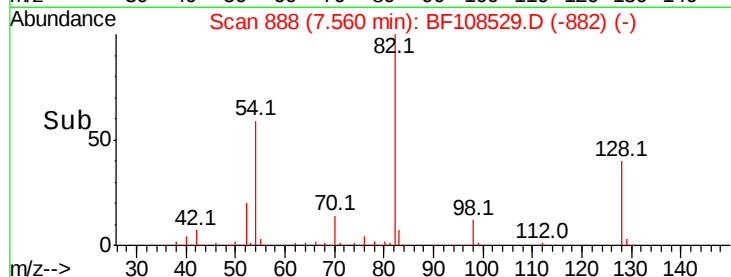
82 100

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: BF108529.D

Acq: 28 Aug 2018 00:34

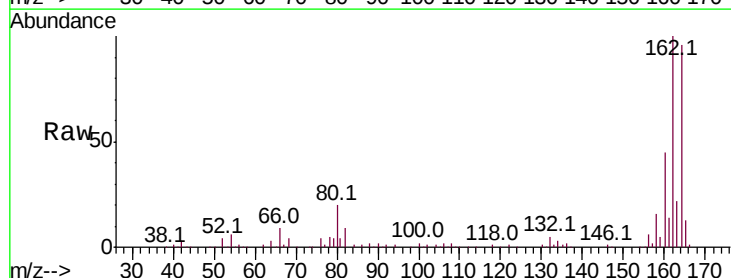
Tgt Ion:164 Resp: 151582

Ion Ratio Lower Upper

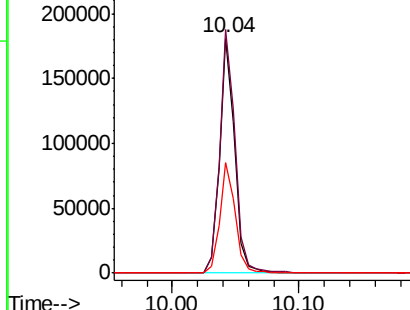
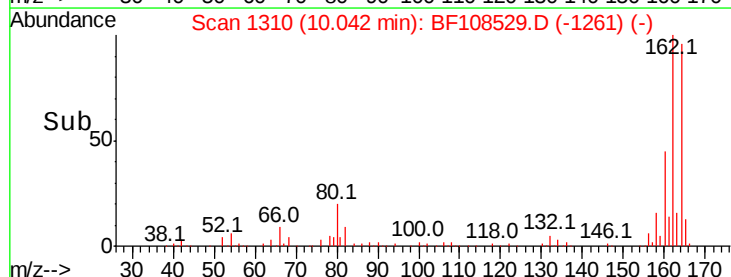
164 100

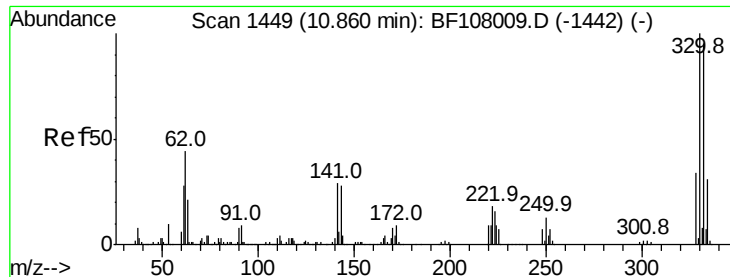
162 103.7 86.1 129.1

160 46.9 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

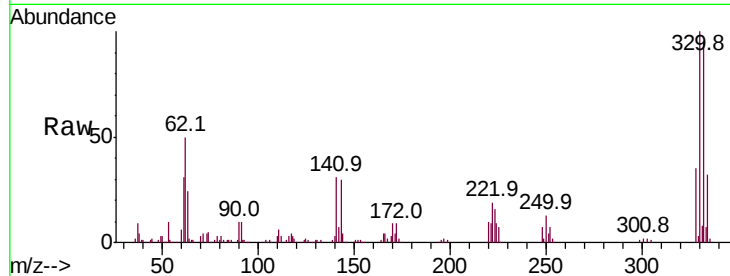




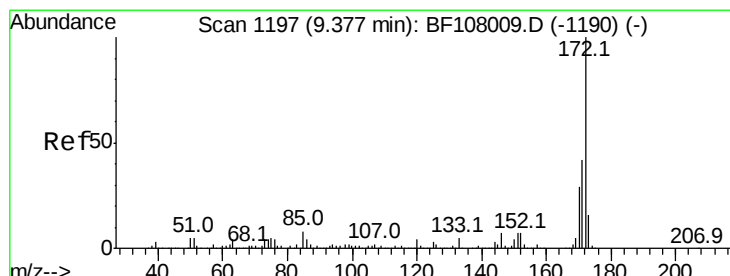
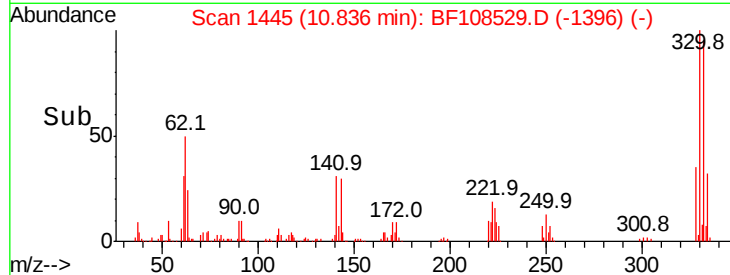
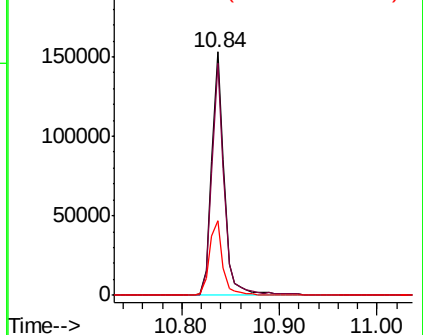
#41
 2,4,6-Tribromophenol
 Concen: 90.926 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108529.D
 Acq: 28 Aug 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 137480
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.5 29.9 44.9

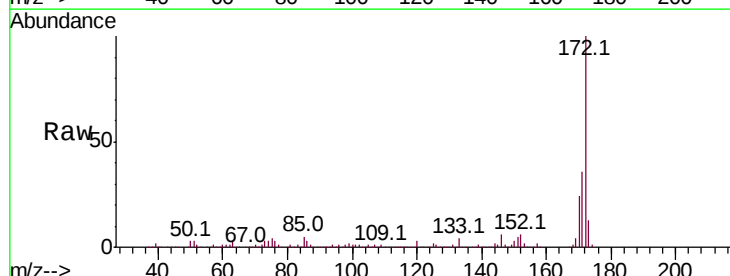


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

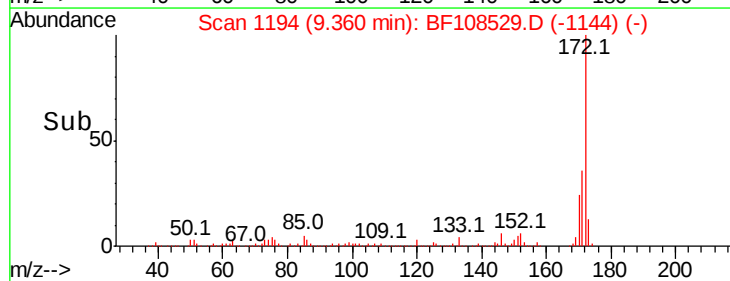
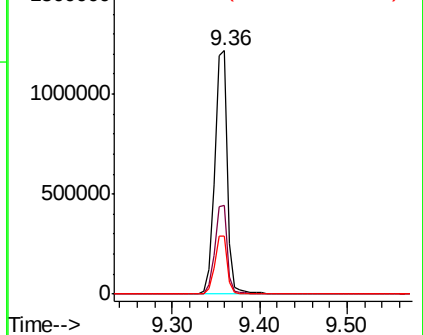


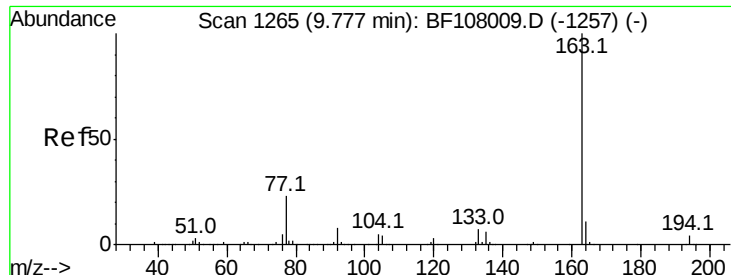
#44
 2-Fluorobiphenyl
 Concen: 129.898 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108529.D
 Acq: 28 Aug 2018 00:34

Tgt Ion:172 Resp: 1226447
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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

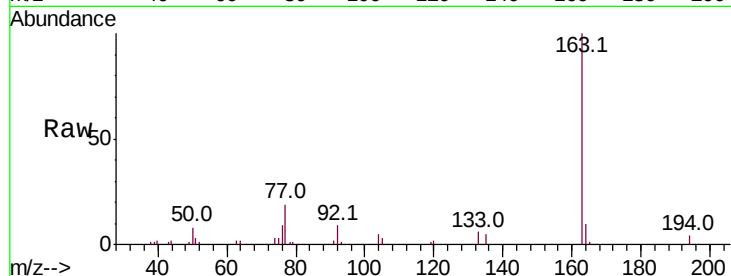




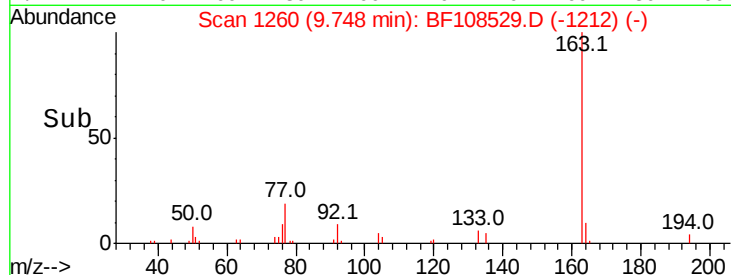
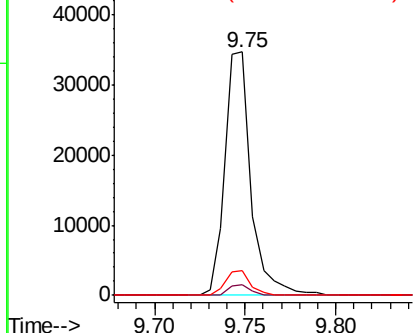
#49
Dimethylphthalate
Concen: 3.315 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 35004
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.0 8.2 12.2

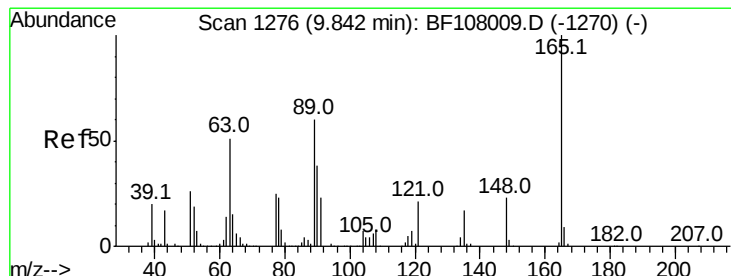


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

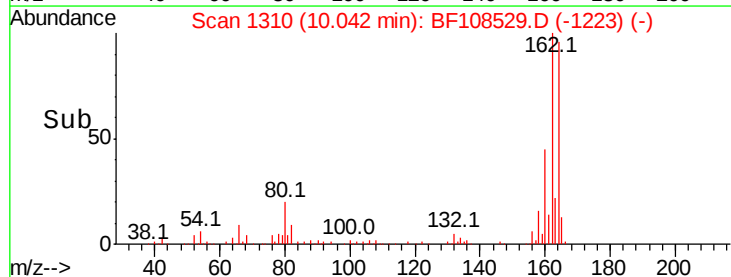
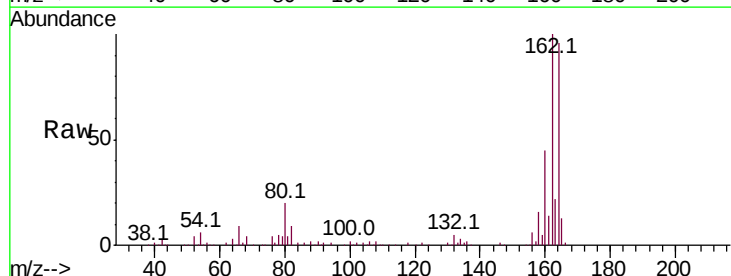
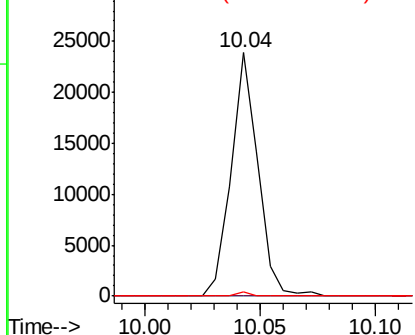


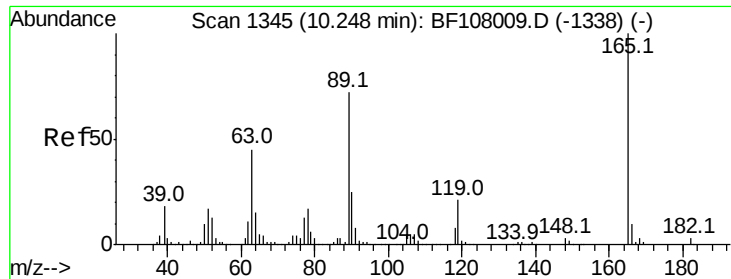
#50
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Tgt Ion:165 Resp: 19278
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.5 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

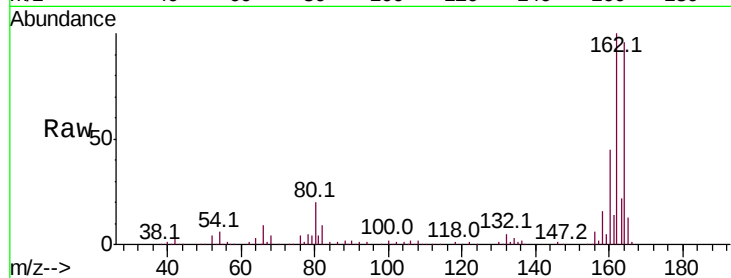




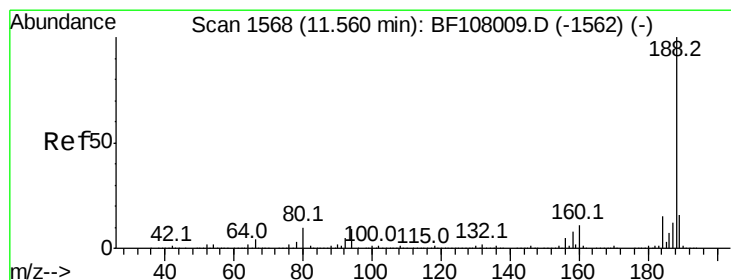
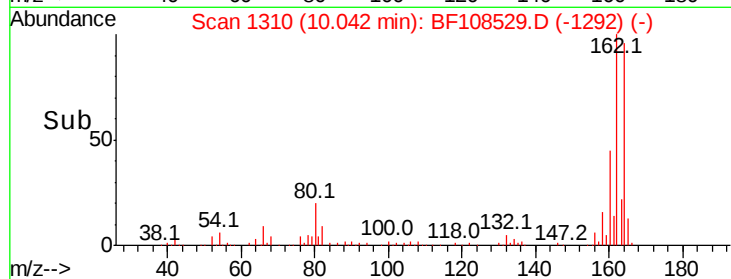
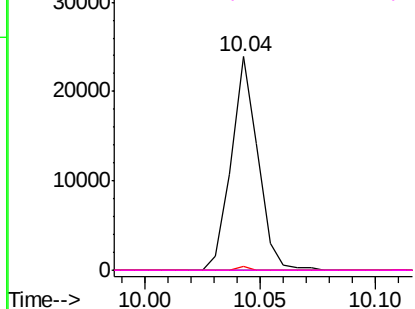
#56
 2,4-Dinitrotoluene
 Concen: 6.779 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108529.D
 Acq: 28 Aug 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	19278
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#

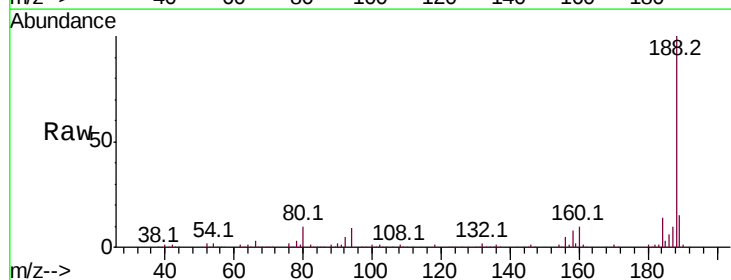


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

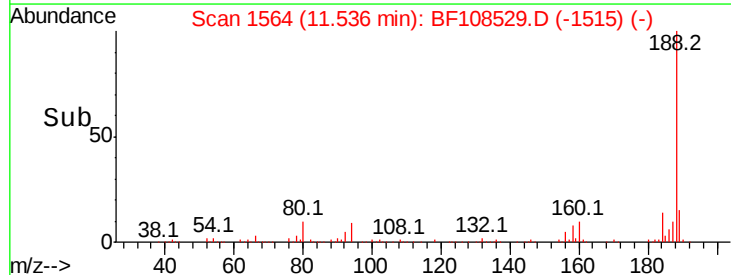
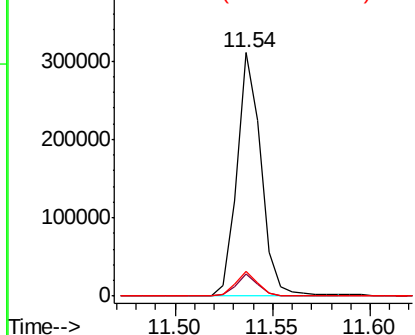


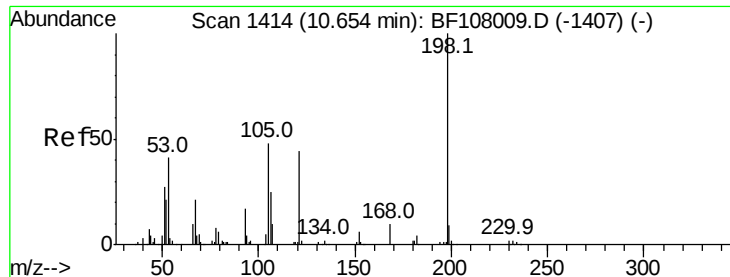
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108529.D
 Acq: 28 Aug 2018 00:34

Tgt Ion:188	Resp:	265389
Ion Ratio	Lower	Upper
188	100	
94	9.0	8.5 12.7
80	9.9	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

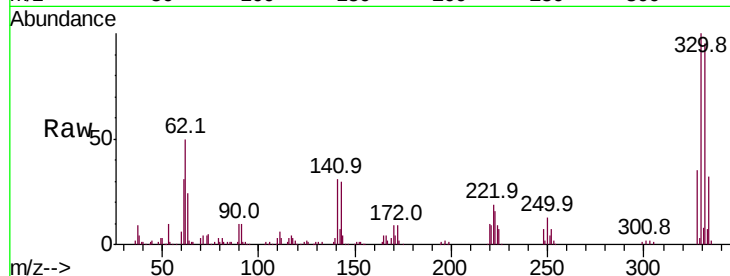




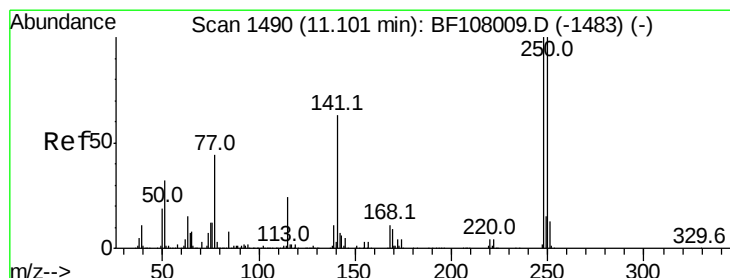
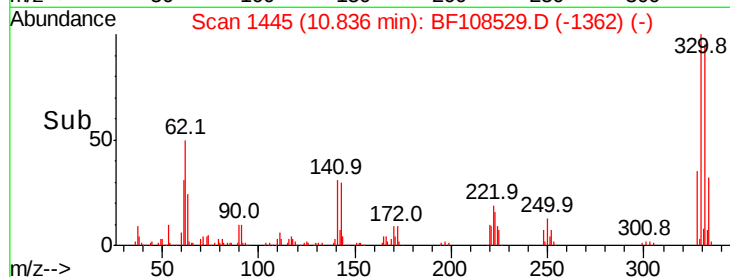
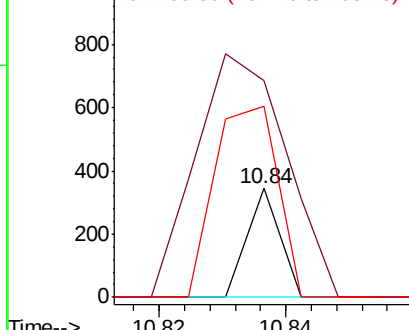
#64
4,6-Dinitro-2-methylphenol
Concen: 5.466 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 198.8 37.7 77.7#
105 175.6 36.3 76.3#

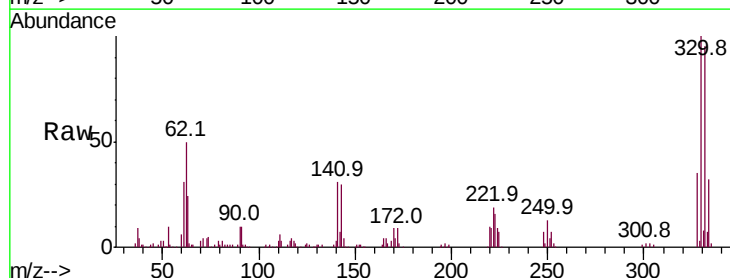


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

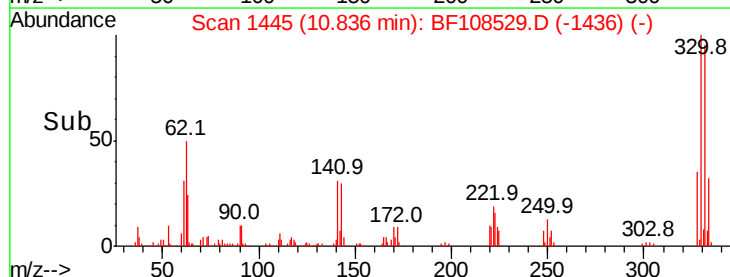
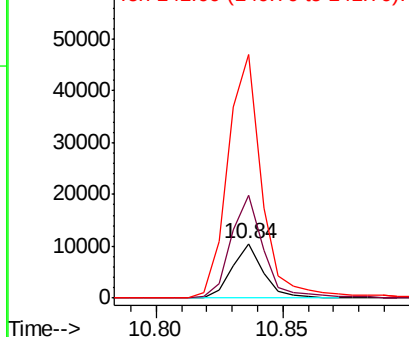


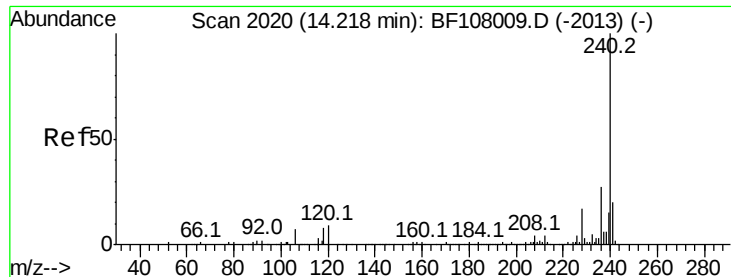
#66
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108529.D
Acq: 28 Aug 2018 00:34

Tgt Ion:248 Resp: 8919
Ion Ratio Lower Upper
248 100
250 189.8 76.9 115.3#
141 449.3 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: BF108529.D

Acq: 28 Aug 2018 00:34

Instrument :

BNA_F

ClientSampleId :

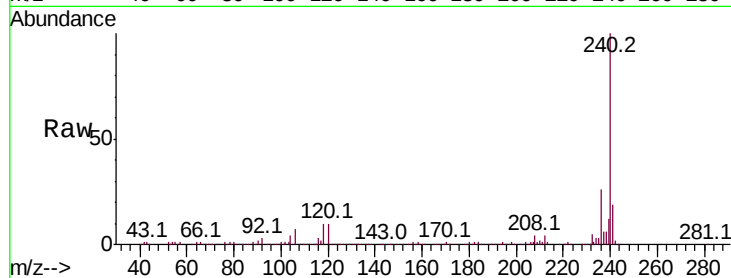
Tot Ion:240 Resp: 267951

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

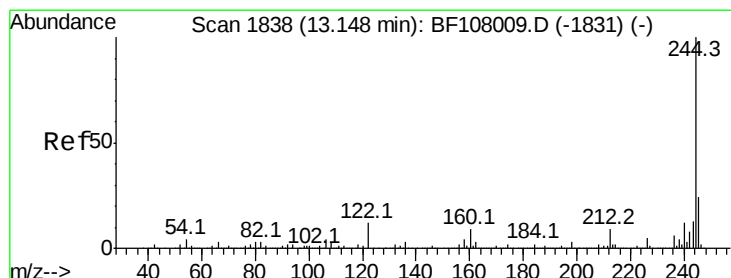
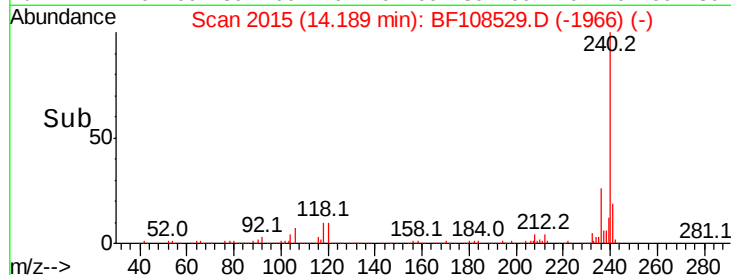
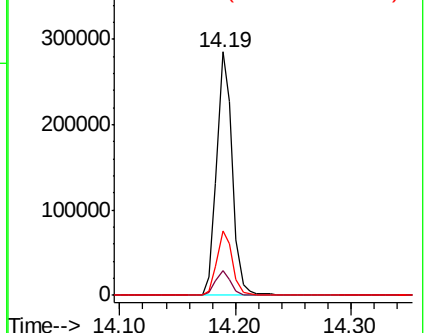
236 26.3 20.7 31.1



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: 96.383 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108529.D

Acq: 28 Aug 2018 00:34

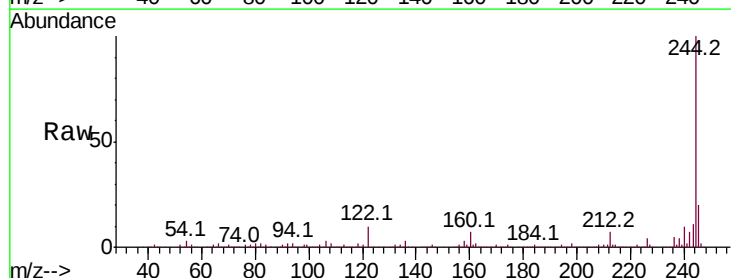
Tgt Ion:244 Resp: 1015744

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

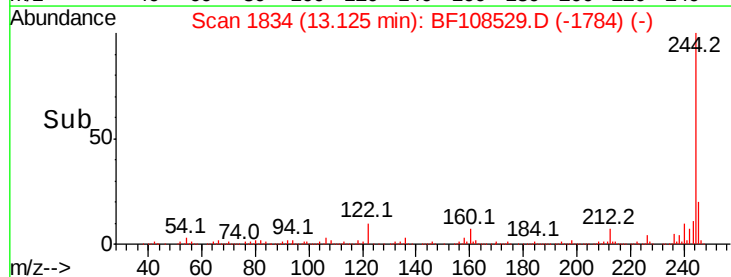
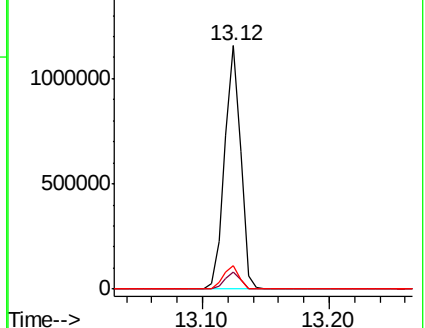
122 9.8 11.0 16.4#

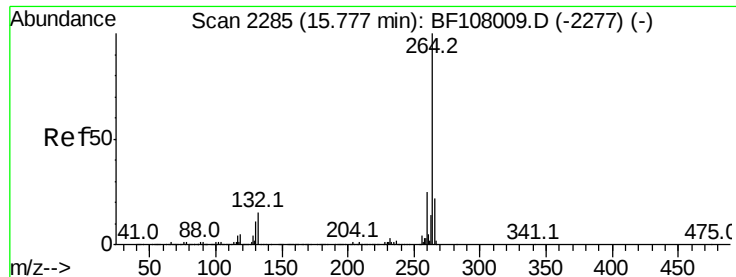


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

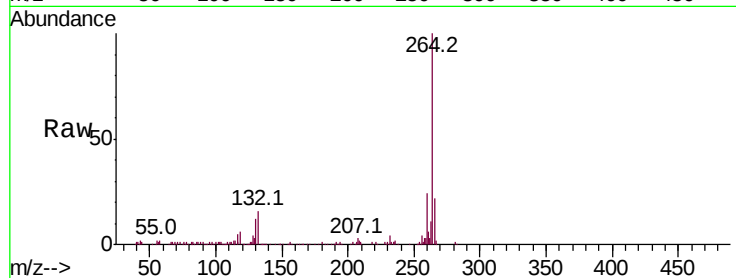




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108529.D
 Acq: 28 Aug 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

