

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108519.D
 Acq On : 27 Aug 2018 19:09
 Operator : JU/SJ
 Sample : J4524-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:36:30 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

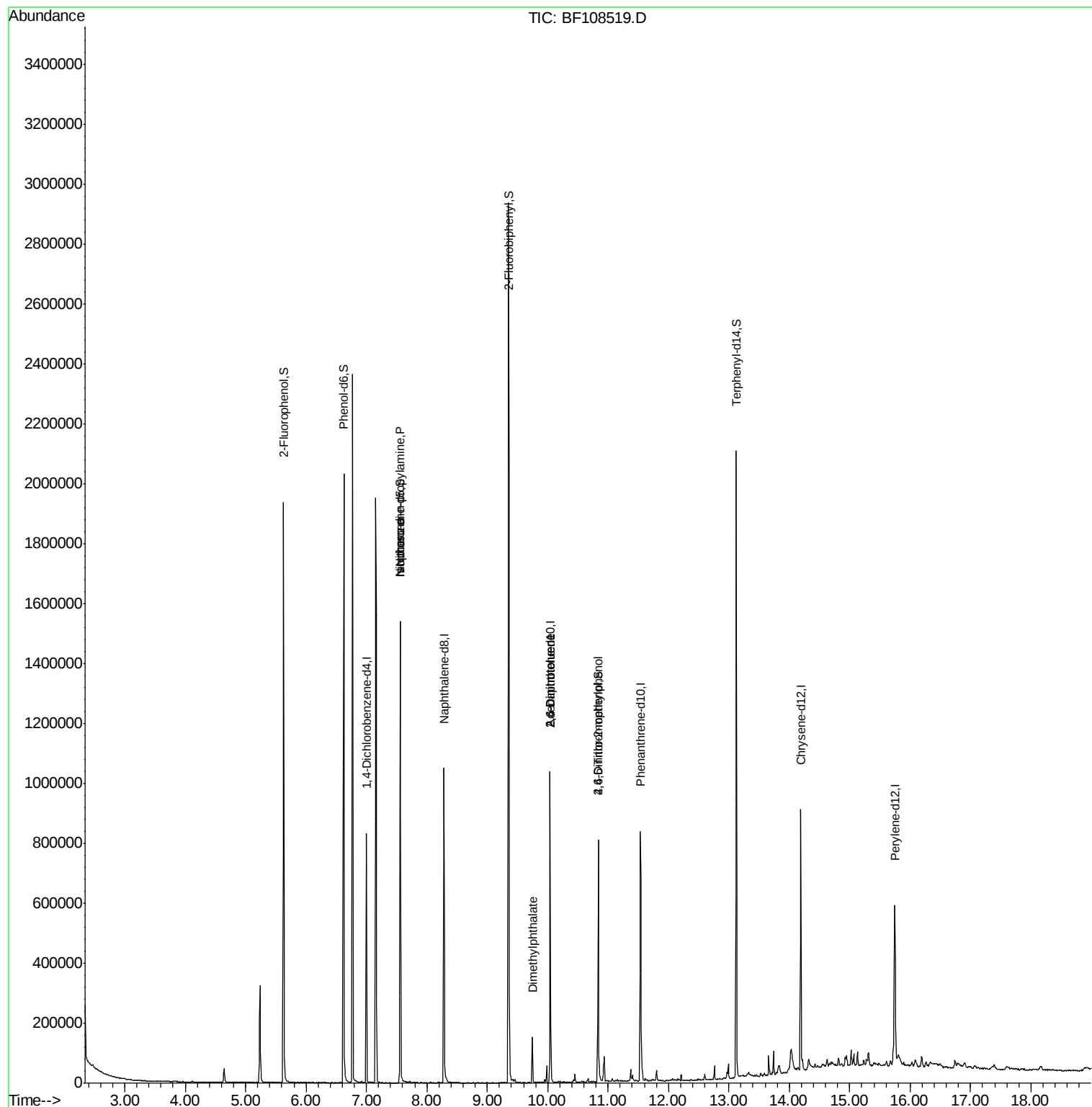
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	118620	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	443563	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	201878	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	317815	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	297297	20.00	ng	-0.01
86) Perylene-d12	15.75	264	279548	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	496656	75.80	ng	0.00
7) Phenol-d6	6.62	99	692298	79.51	ng	0.00
23) Nitrobenzene-d5	7.56	82	459649	57.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	101783	50.55	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	889300	70.72	ng	-0.01
78) Terphenyl-d14	13.12	244	707241	60.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	62031	10.536	ng	# 84
25) Isophorone	7.56	82	459717	30.342	ng	# 64
49) Dimethylphthalate	9.75	163	67844	4.824	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	25079	8.524	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	25079	6.622	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	110	5.440	ng	# 1

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

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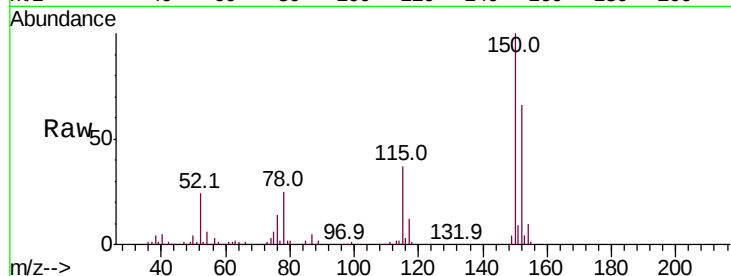


#1

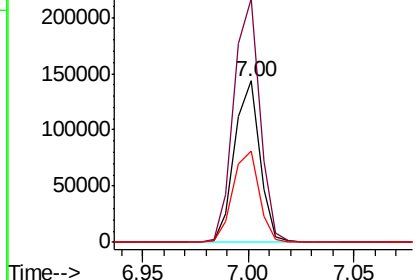
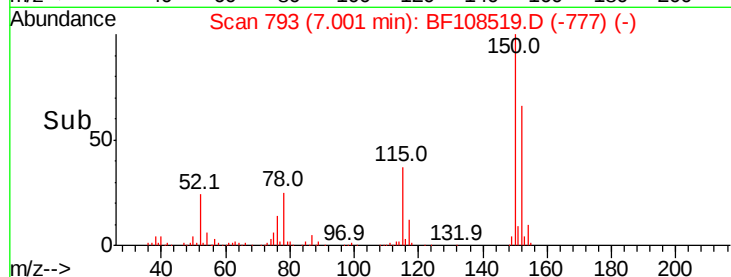
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118620
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 56.6 50.1 75.1



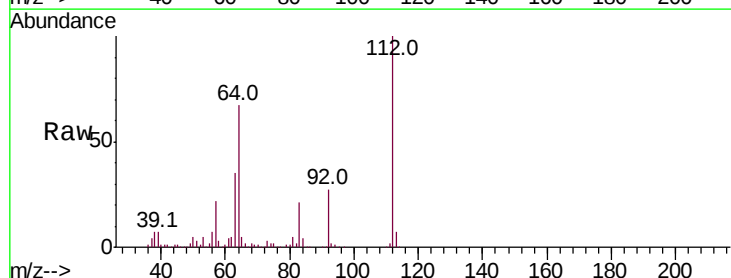
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



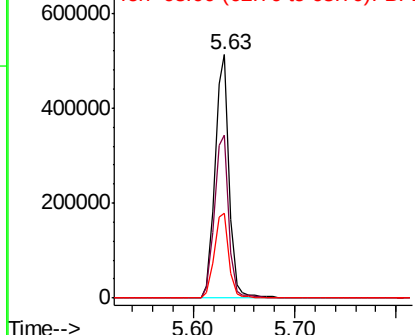
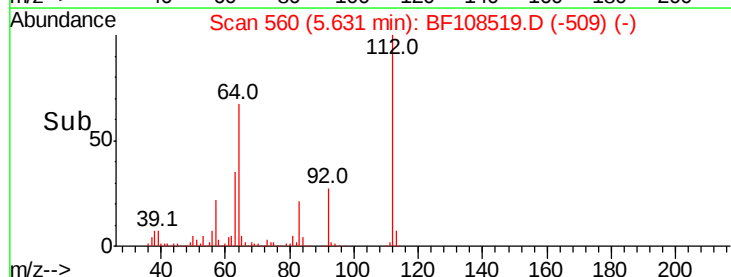
#5

2-Fluorophenol
Concen: 75.803 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Tgt Ion:112 Resp: 496656
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 34.7 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: 79.514 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108519.D

Acq: 27 Aug 2018 19:09

Instrument :

BNA_F

ClientSampled :

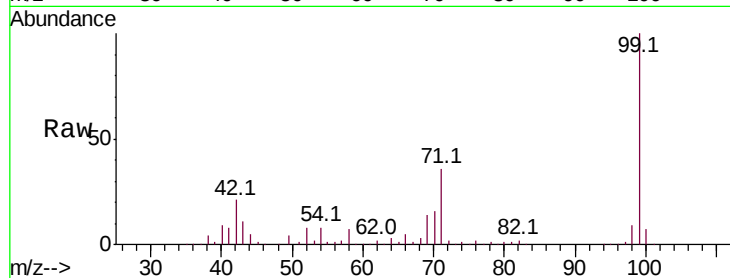
Tot Ion: 99 Resp: 692298

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

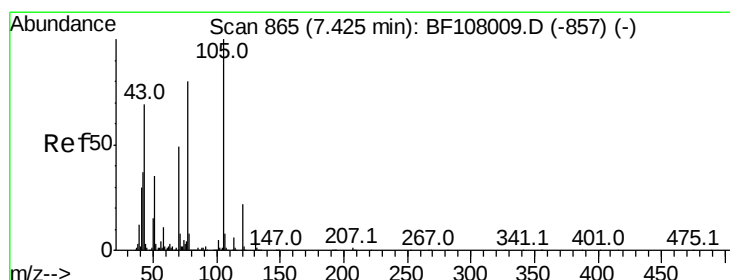
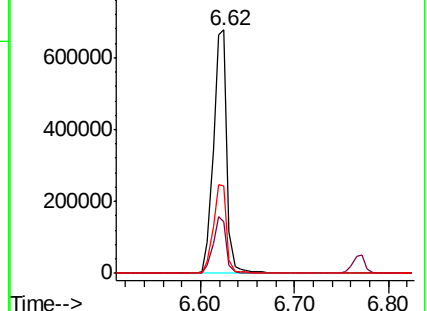
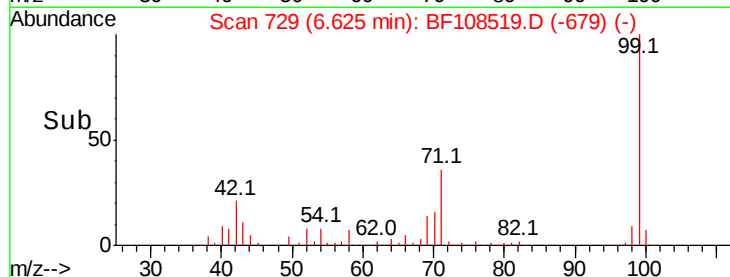
71 35.7 25.4 38.0



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: 10.536 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108519.D

Acq: 27 Aug 2018 19:09

Tgt Ion: 70 Resp: 62031

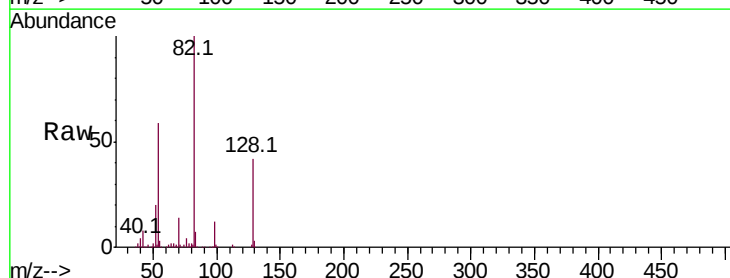
Ion Ratio Lower Upper

70 100

42 55.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

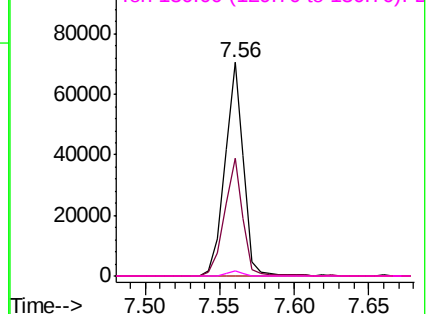
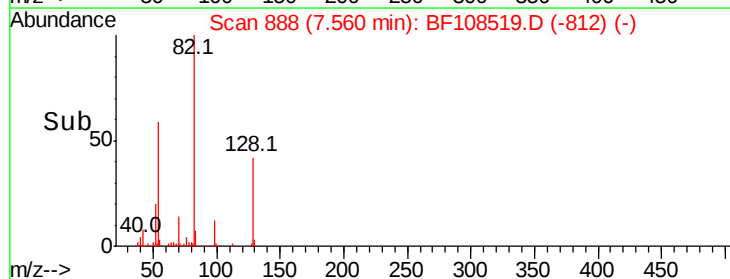


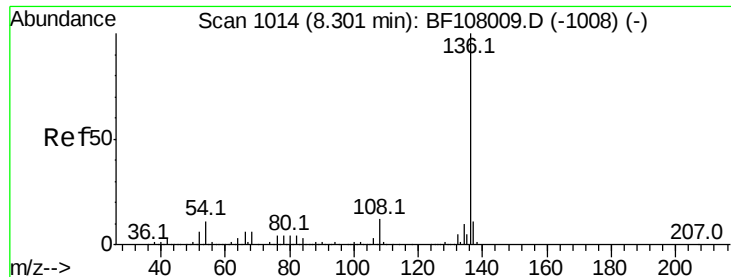
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

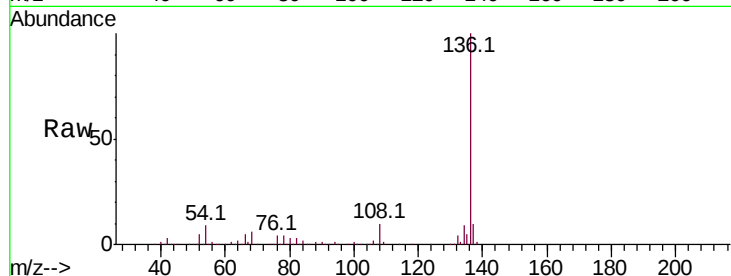




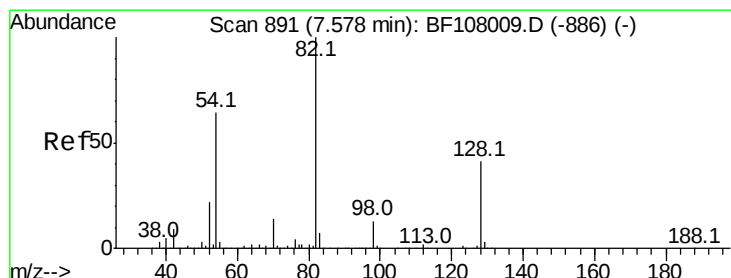
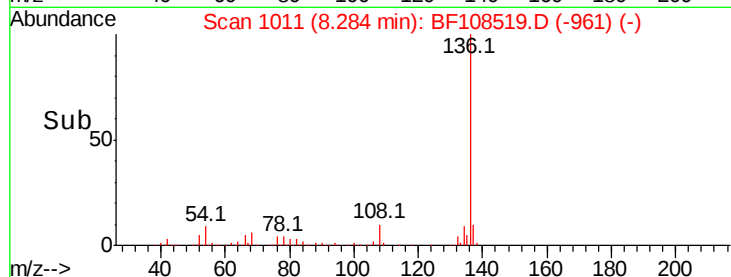
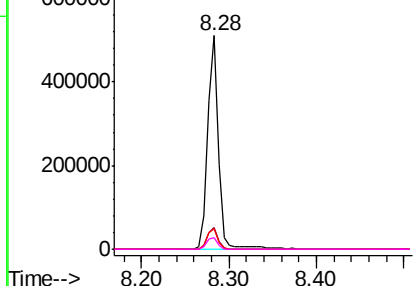
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	443563
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.4	6.6	9.8
68	5.7	5.0	7.4

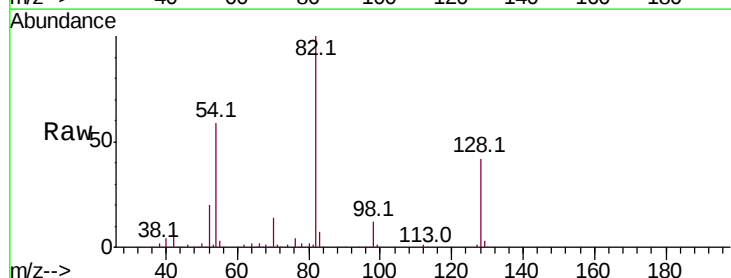


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

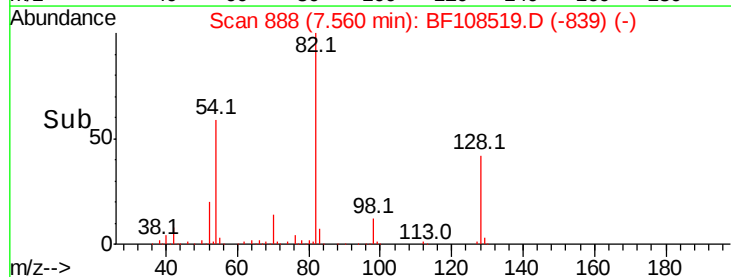
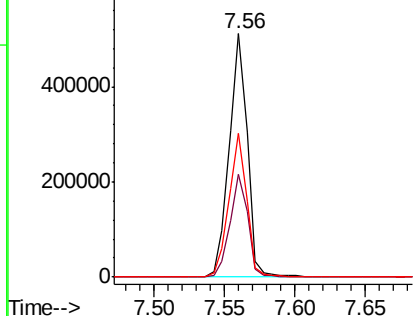


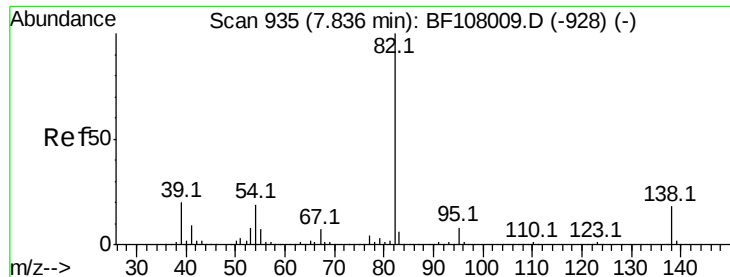
#23
Nitrobenzene-d5
Concen: 57.825 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Tgt Ion:	82	Resp:	459649
Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	58.9	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: 30.342 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108519.D

Acq: 27 Aug 2018 19:09

Instrument :

BNA_F

ClientSampled :

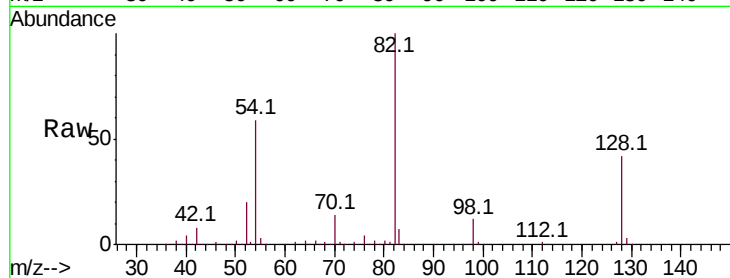
Tot Ion: 82 Resp: 459717

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

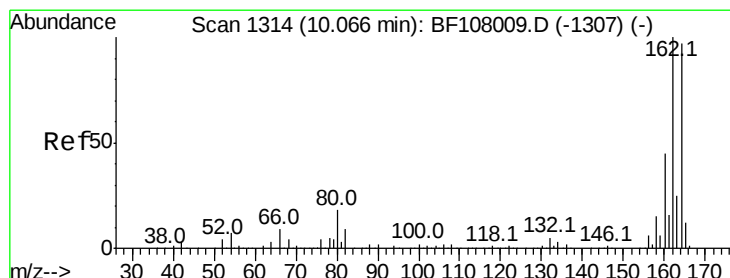
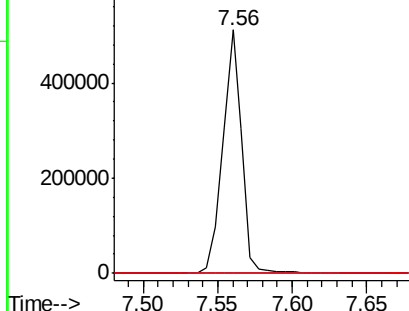
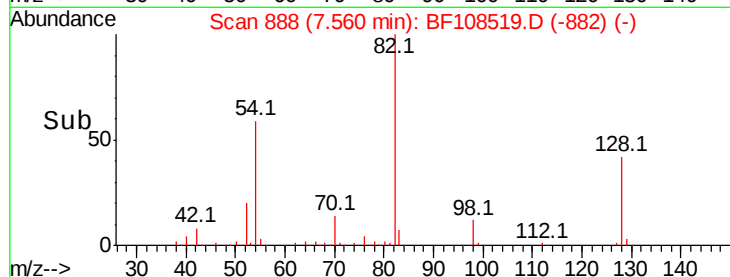
138 0.0 14.9 22.3#



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: BF108519.D

Acq: 27 Aug 2018 19:09

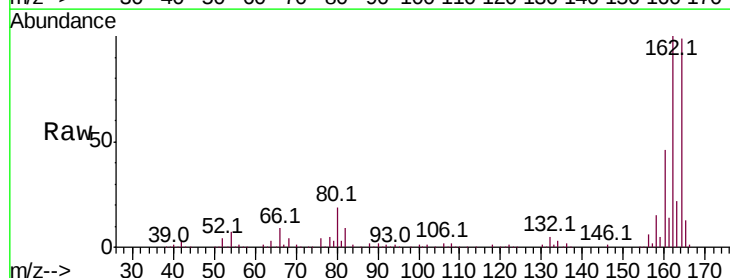
Tgt Ion:164 Resp: 201878

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

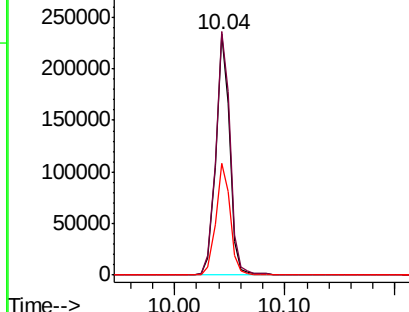
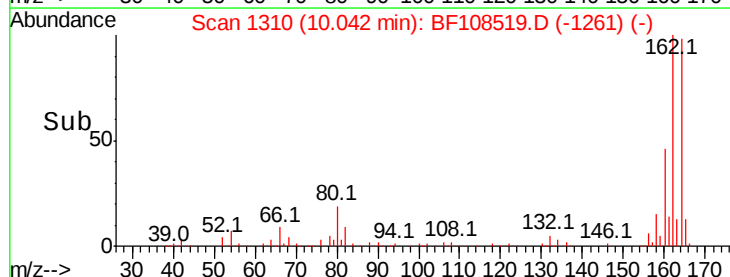
160 46.2 38.3 57.5

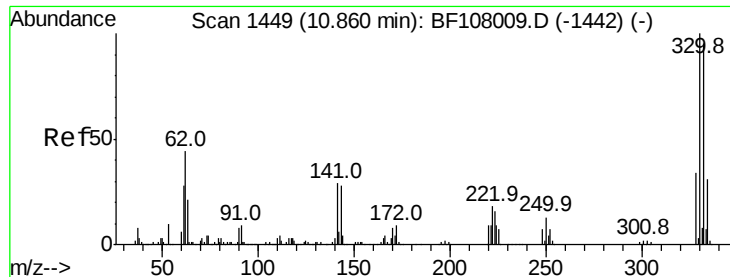


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

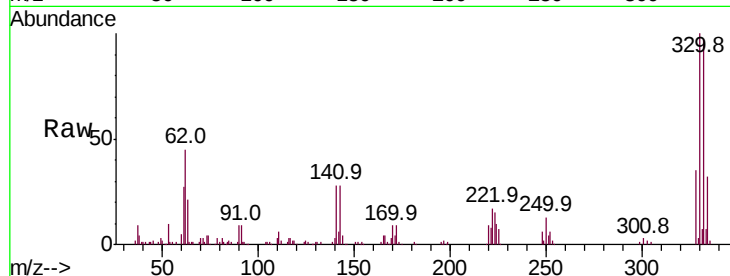




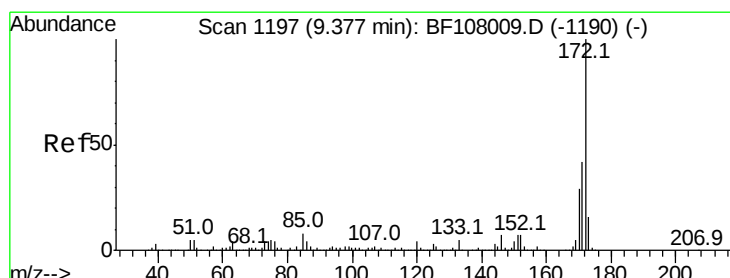
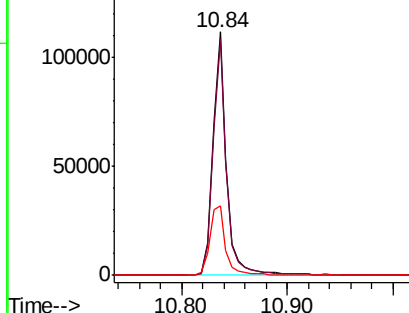
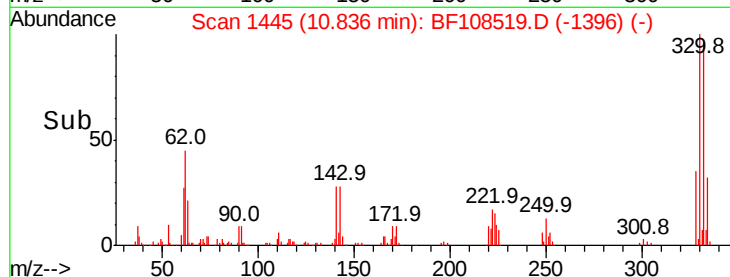
#41
 2,4,6-Tribromophenol
 Concen: 50.546 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108519.D
 Acq: 27 Aug 2018 19:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.6	29.9	44.9

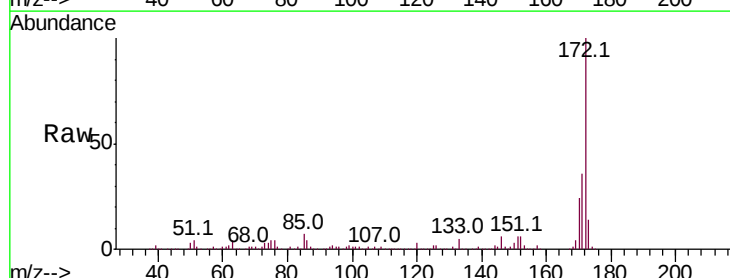


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

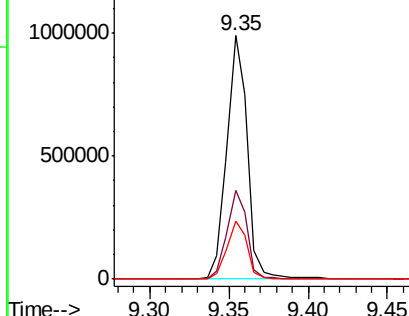
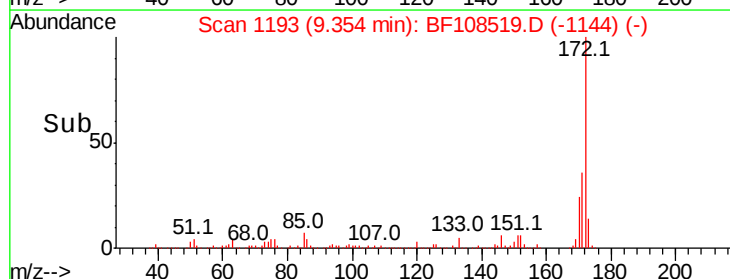


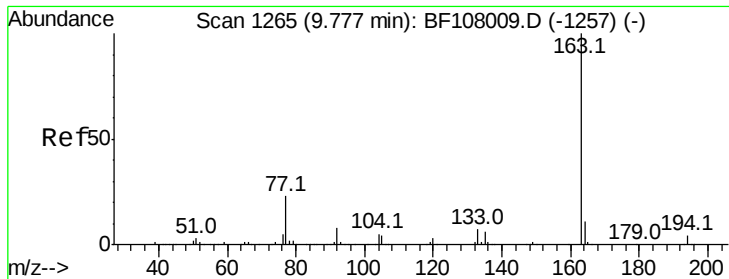
#44
 2-Fluorobiphenyl
 Concen: 70.723 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108519.D
 Acq: 27 Aug 2018 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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

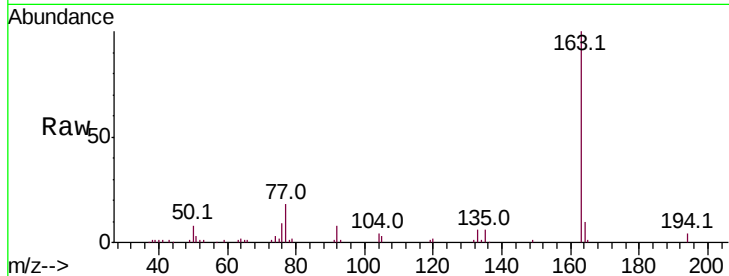




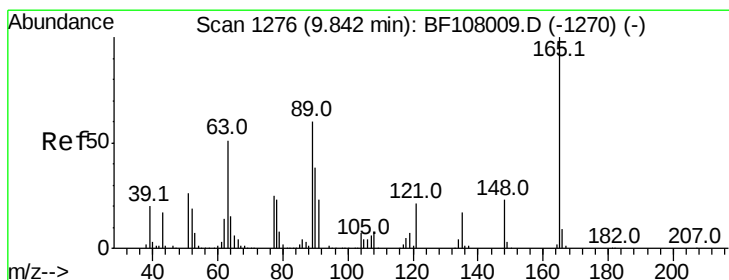
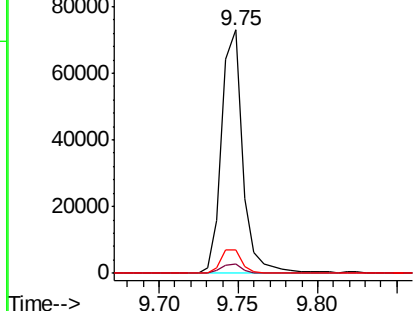
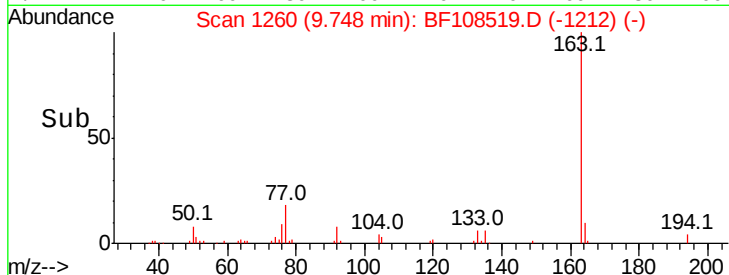
#49
Dimethylphthalate
Concen: 4.824 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 67844
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2

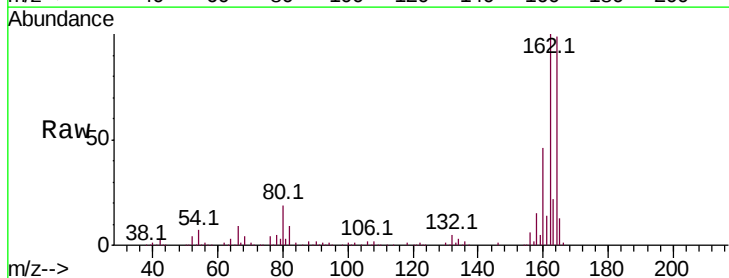


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

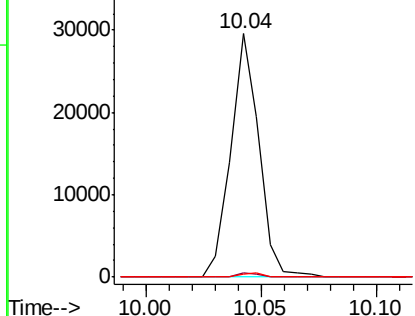
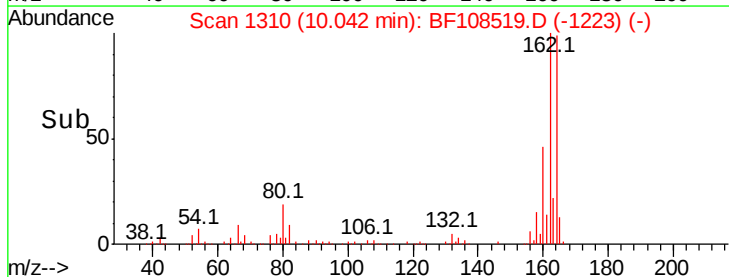


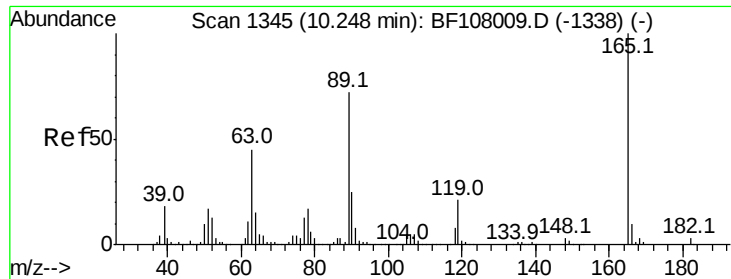
#50
2,6-Dinitrotoluene
Concen: 8.524 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Tgt Ion:165 Resp: 25079
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.4 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

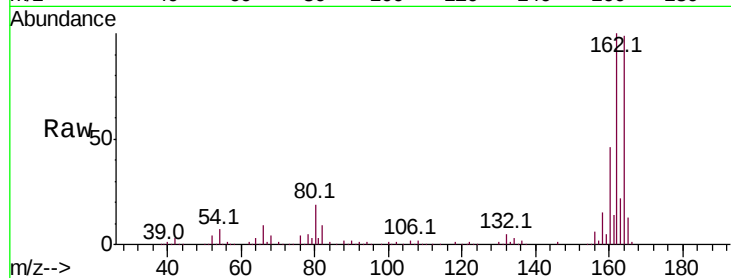




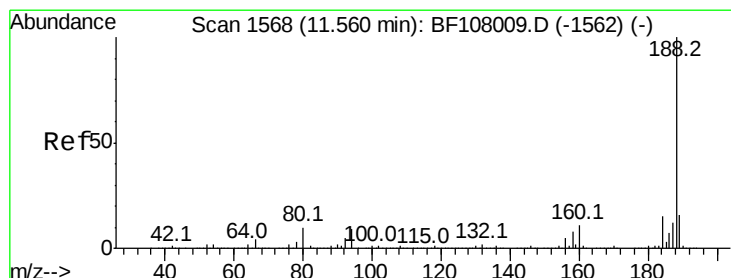
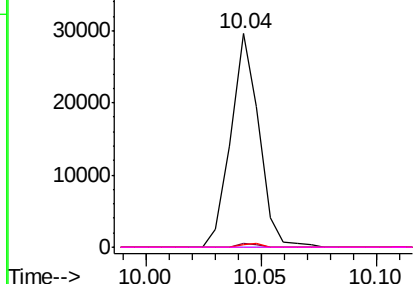
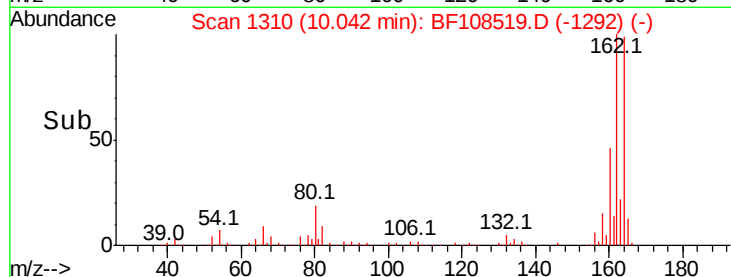
#56
 2,4-Dinitrotoluene
 Concen: 6.622 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108519.D
 Acq: 27 Aug 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	25079
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#

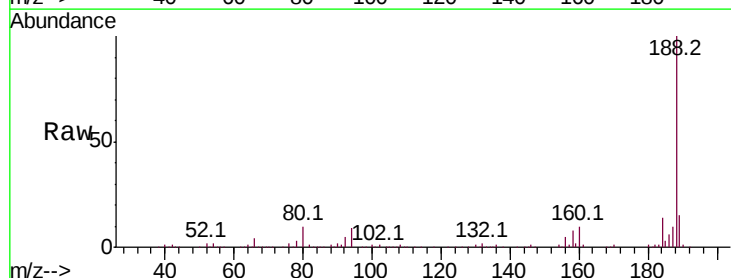


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

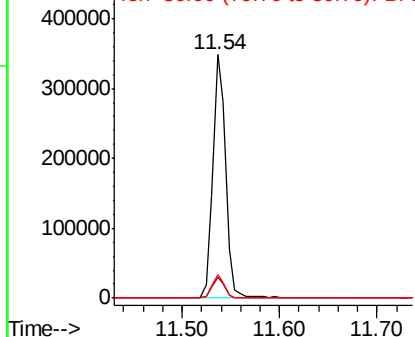
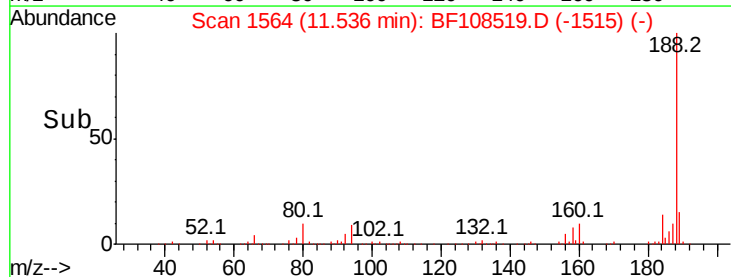


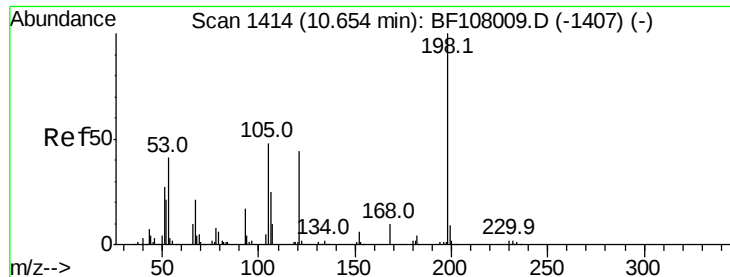
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108519.D
 Acq: 27 Aug 2018 19:09

Tgt Ion:188	Resp:	317815
Ion Ratio	Lower	Upper
188	100	
94	8.5	8.5 12.7
80	9.6	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

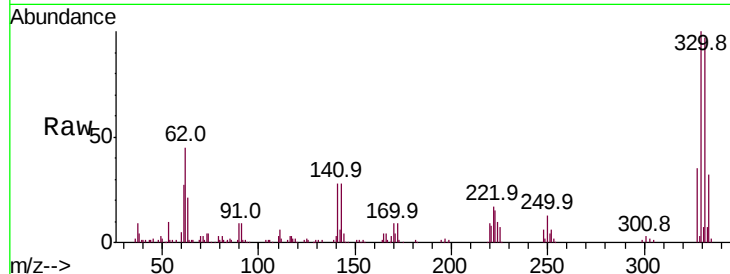




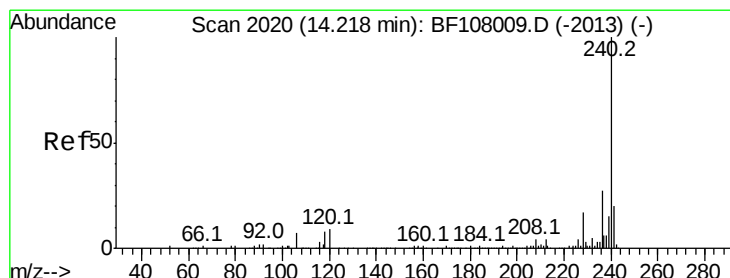
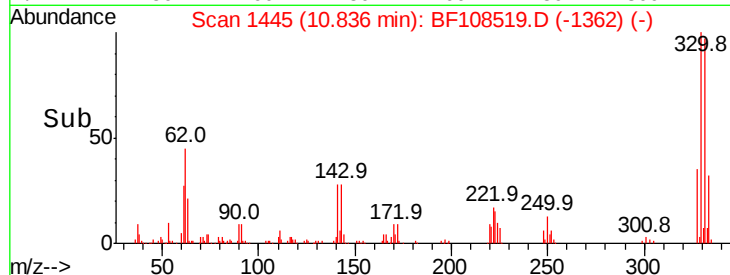
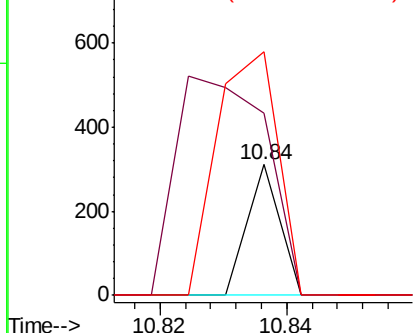
#64
4,6-Dinitro-2-methylphenol
Concen: 5.440 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 139.5 37.7 77.7#
105 186.2 36.3 76.3#

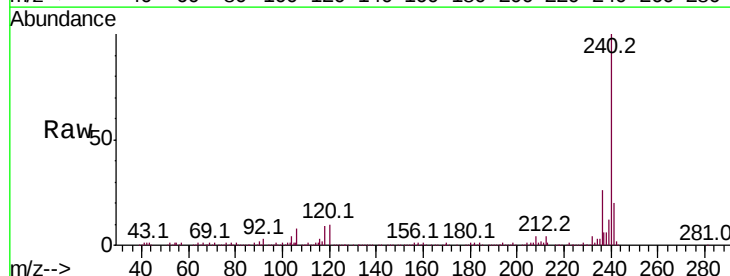


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

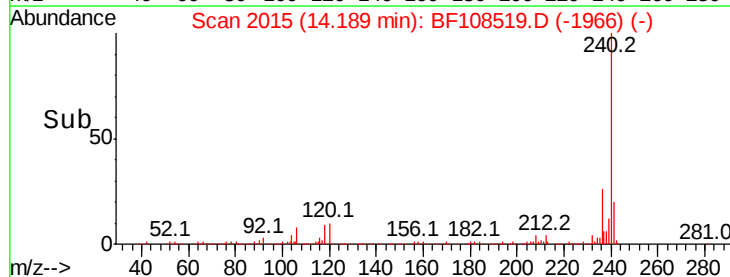
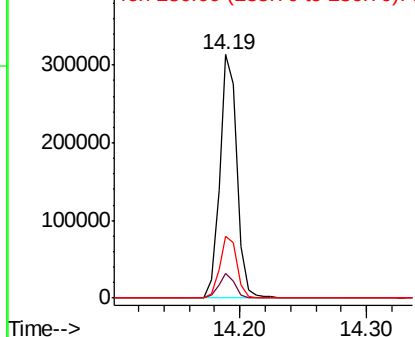


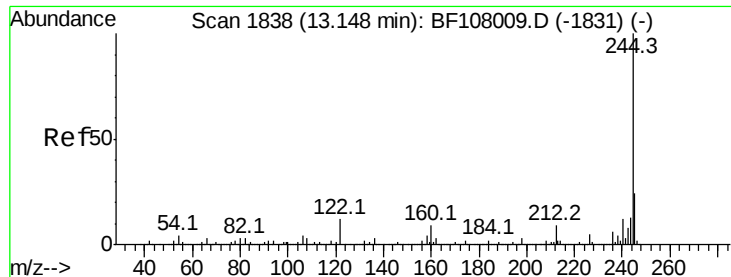
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108519.D
Acq: 27 Aug 2018 19:09

Tgt Ion:240 Resp: 297297
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.6 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: 60.485 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108519.D

Acq: 27 Aug 2018 19:09

Instrument :

BNA_F

ClientSampled :

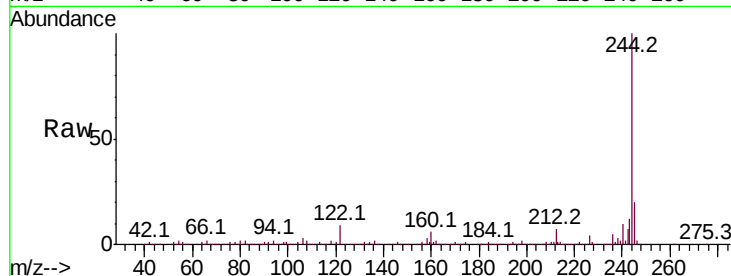
Tot Ion:244 Resp: 707241

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

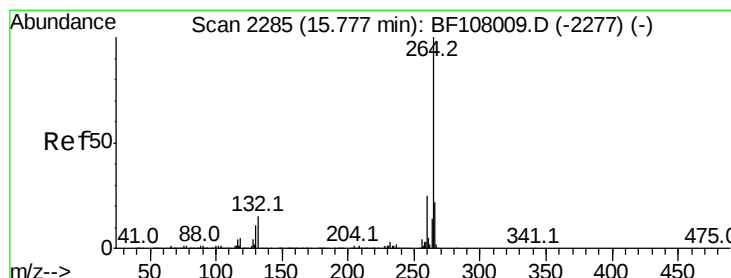
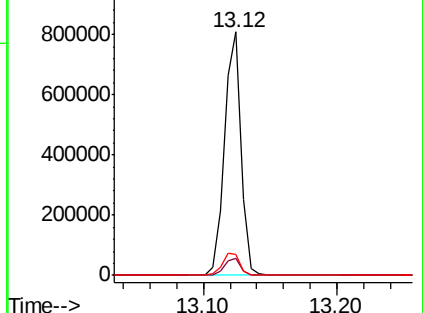
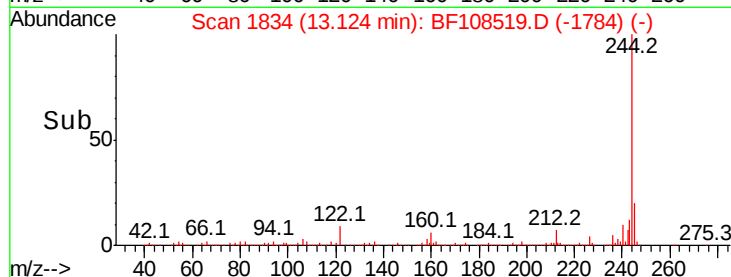
122 8.5 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108519.D

Acq: 27 Aug 2018 19:09

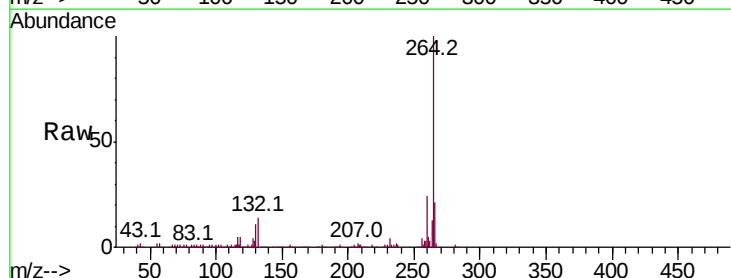
Tgt Ion:264 Resp: 279548

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

