

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
 Data File : BF108263.D
 Acq On : 18 Aug 2018 00:57
 Operator : JU/SJ
 Sample : J4519-01 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-18

Quant Time: Aug 18 03:58:10 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

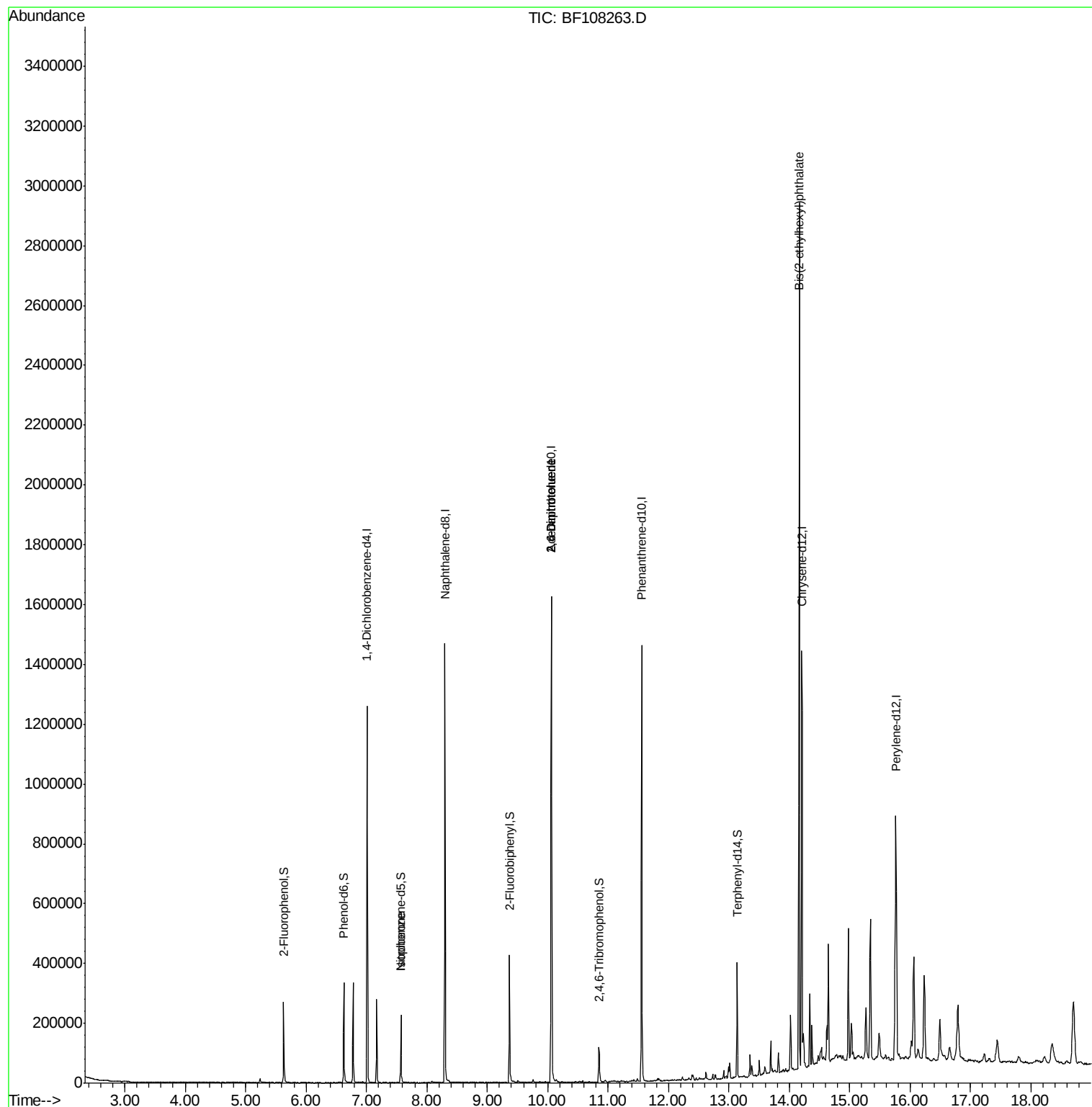
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	172270	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	670025	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	317281	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	522629	20.00	ng	0.00
75) Chrysene-d12	14.21	240	473891	20.00	ng	-0.01
86) Perylene-d12	15.77	264	355344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	66724	7.01	ng	0.00
7) Phenol-d6	6.62	99	97430	7.71	ng	0.00
23) Nitrobenzene-d5	7.57	82	66224	5.52	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	16032	5.07	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	146297	7.40	ng	-0.01
78) Terphenyl-d14	13.14	244	125193	6.72	ng	-0.01
Target Compounds						
25) Isophorone	7.57	82	66224	2.894	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	40050	8.661	ng	# 25
56) 2,4-Dinitrotoluene	10.06	165	40051	6.729	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.17	149	754089	46.742	ng	98

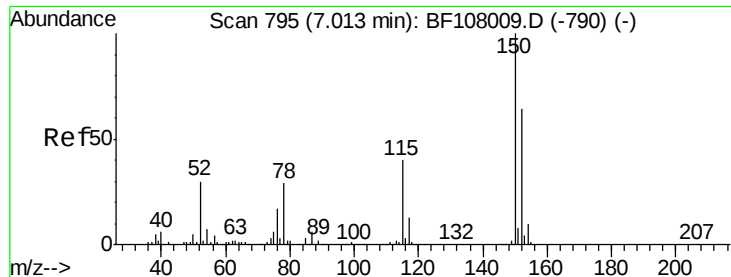
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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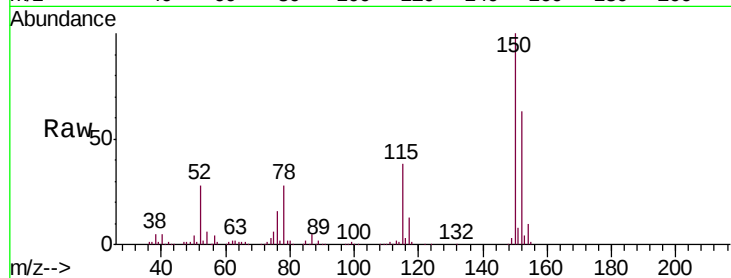


#1

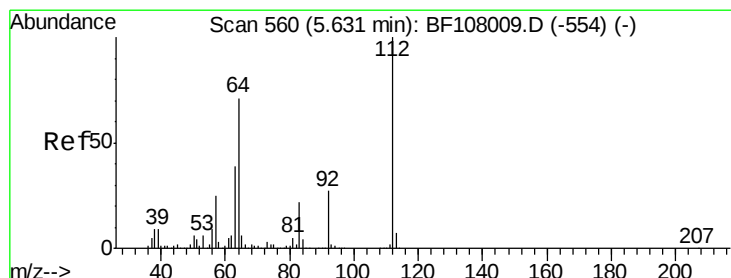
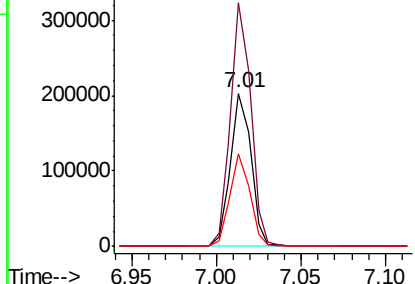
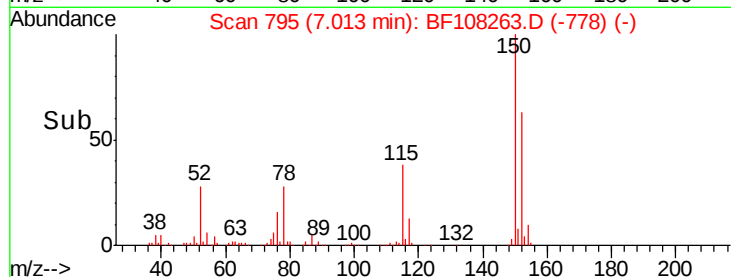
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108263.D
Acq: 18 Aug 2018 00:57

Instrument :
BNA_F
ClientSampleId :
DRUM-18

Tgt Ion:152 Resp: 172270
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 60.6 50.1 75.1



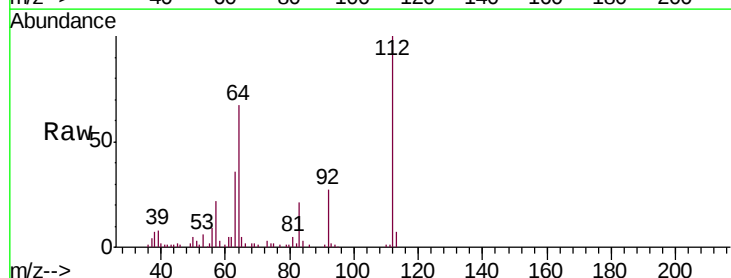
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



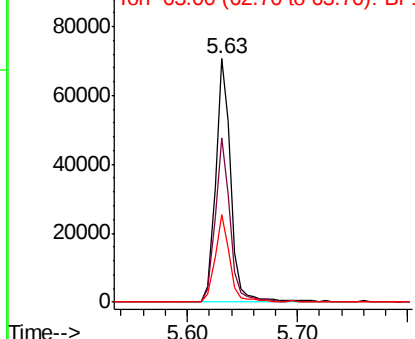
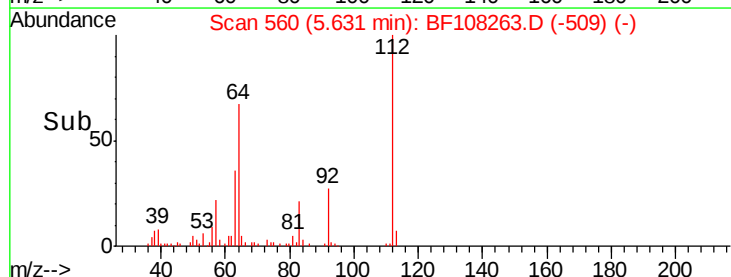
#5

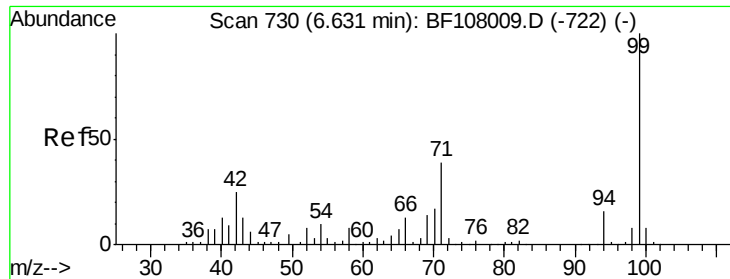
2-Fluorophenol
Concen: 7.012 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108263.D
Acq: 18 Aug 2018 00:57

Tgt Ion:112 Resp: 66724
Ion Ratio Lower Upper
112 100
64 67.3 47.9 71.9
63 35.9 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: 7.705 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108263.D

Acq: 18 Aug 2018 00:57

Instrument :

BNA_F

ClientSampleId :

DRUM-18

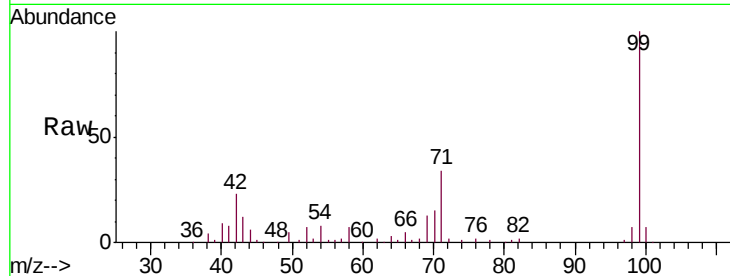
Tgt Ion: 99 Resp: 97430

Ion Ratio Lower Upper

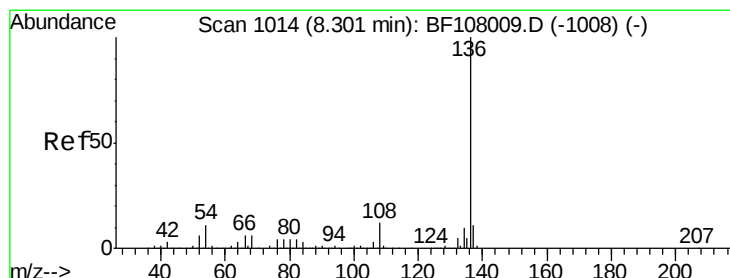
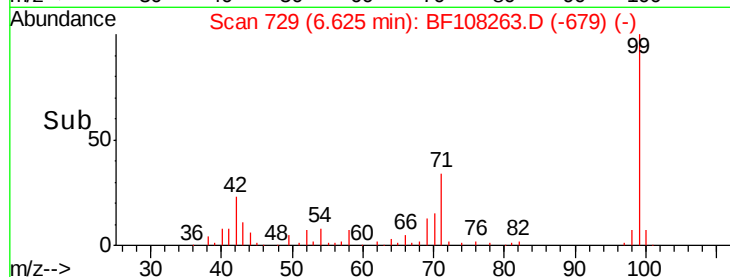
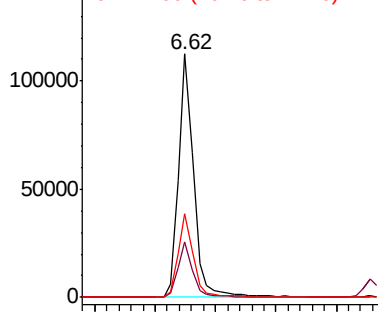
99 100

42 22.9 14.5 21.7#

71 34.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108263.D

Acq: 18 Aug 2018 00:57

Tgt Ion: 136 Resp: 670025

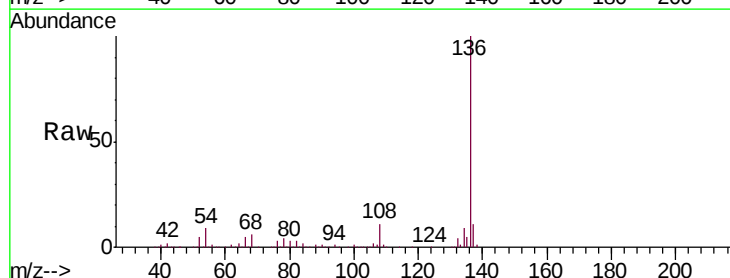
Ion Ratio Lower Upper

136 100

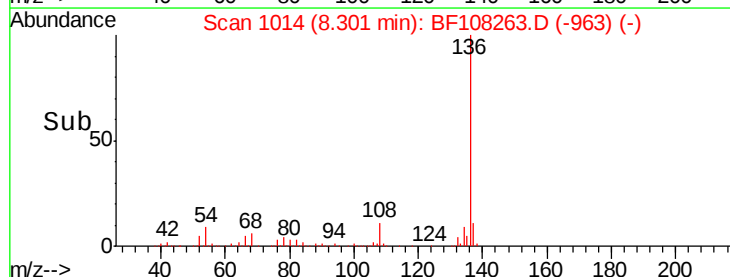
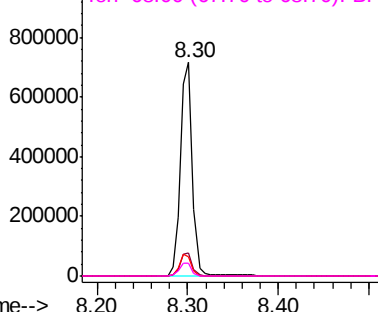
137 11.1 8.9 13.3

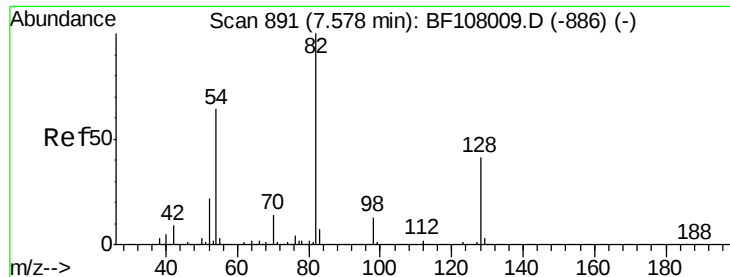
54 9.1 6.6 9.8

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

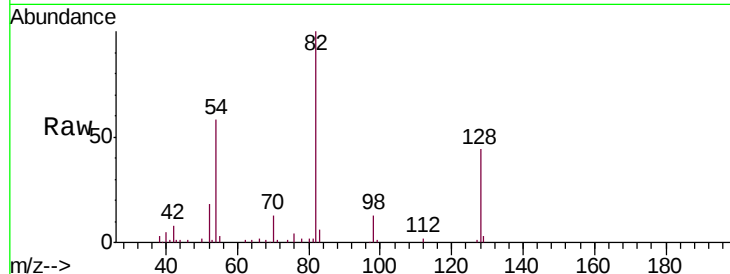




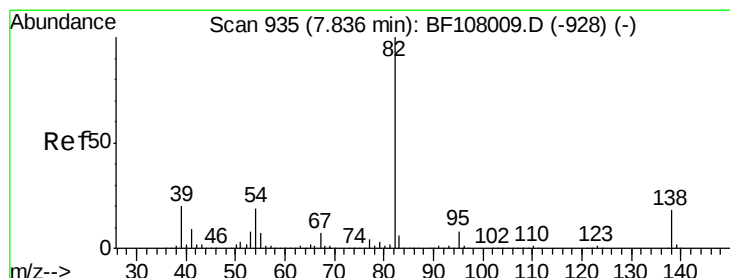
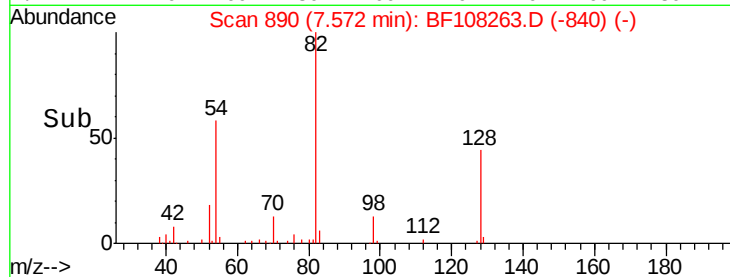
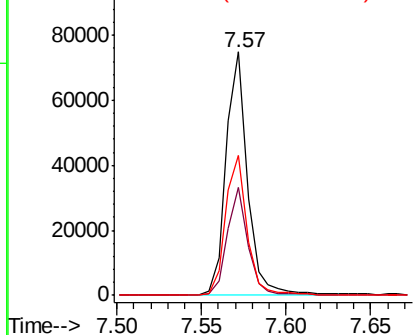
#23
 Nitrobenzene-d5
 Concen: 5.515 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	57.7	41.4	62.2

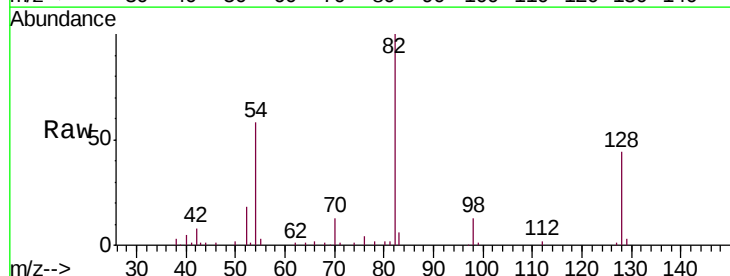


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

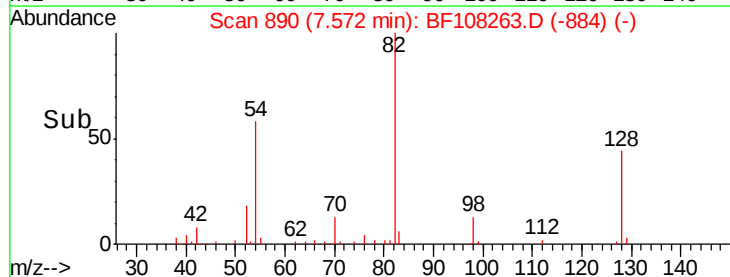
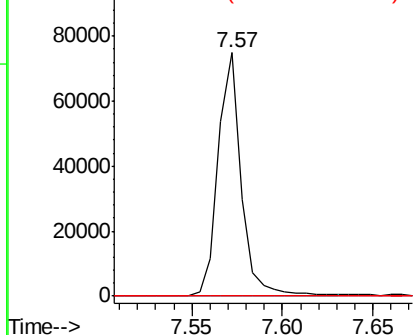


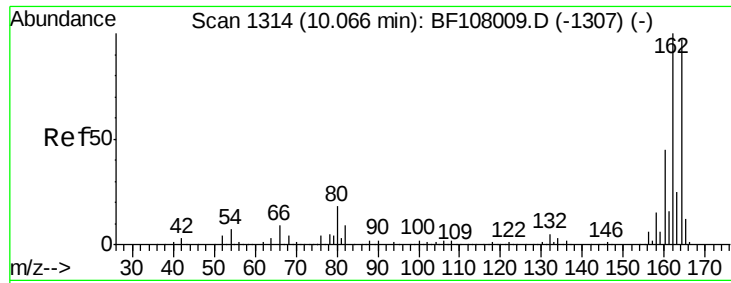
#25
 Isophorone
 Concen: 2.894 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.26 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Tgt 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

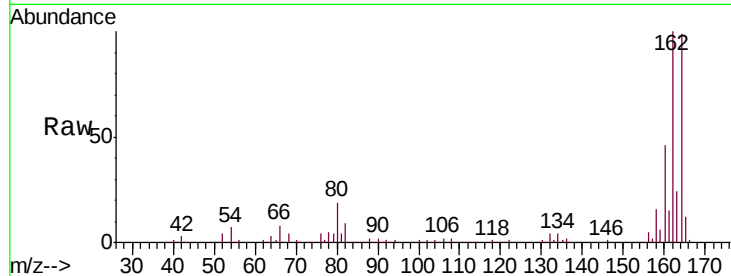




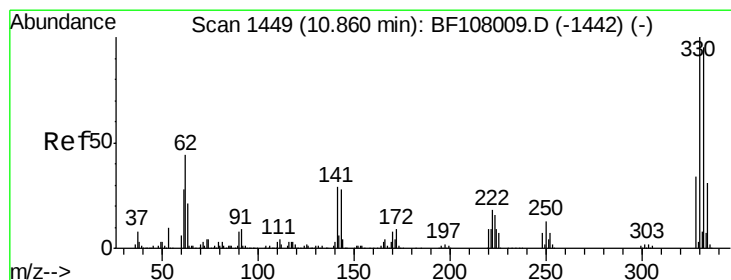
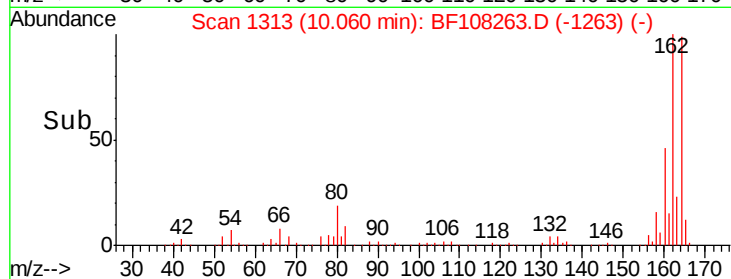
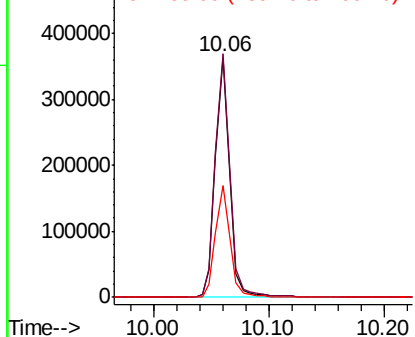
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-18

Tgt Ion:164 Resp: 317281
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 46.7 38.3 57.5

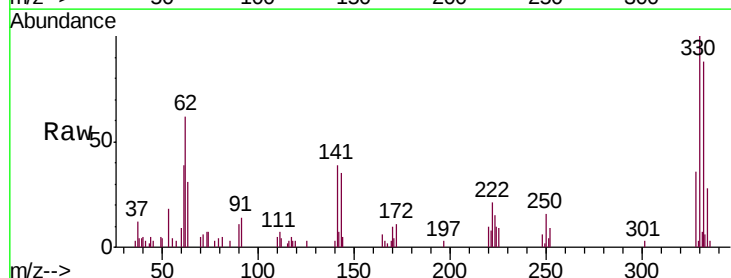


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

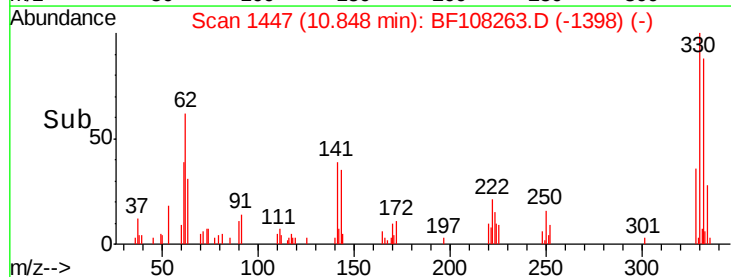
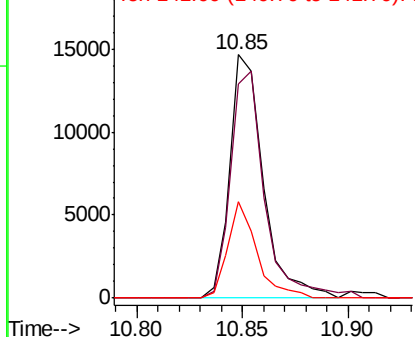


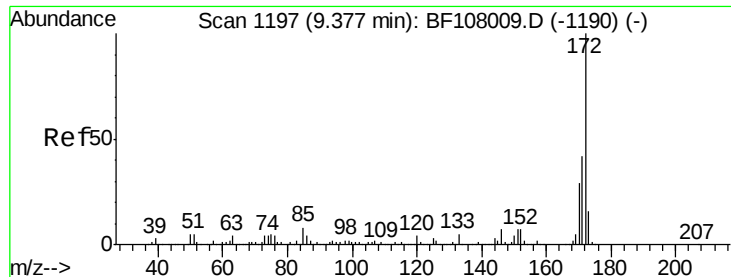
#41
 2,4,6-Tribromophenol
 Concen: 5.066 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Tgt Ion:330 Resp: 16032
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.3 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

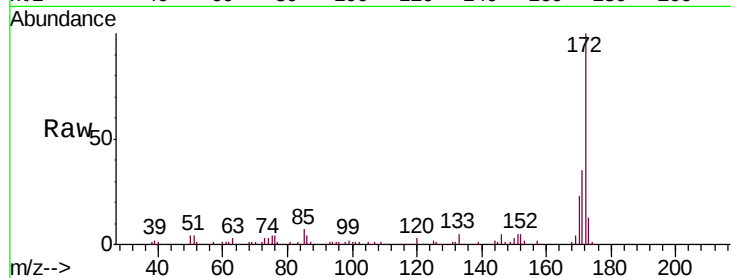




#44
 2-Fluorobiphenyl
 Concen: 7.403 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.2	19.6	29.4

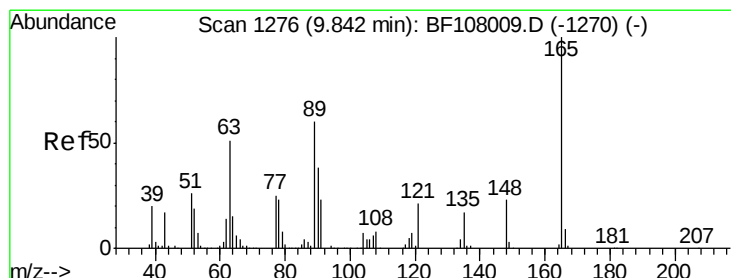
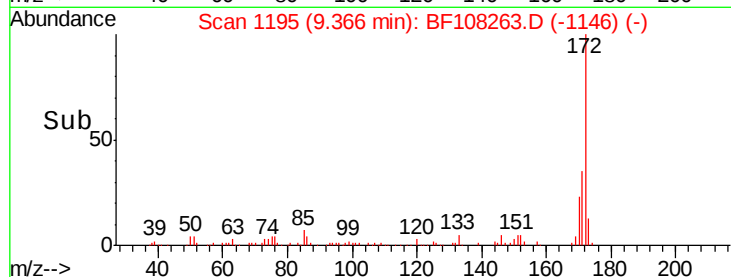
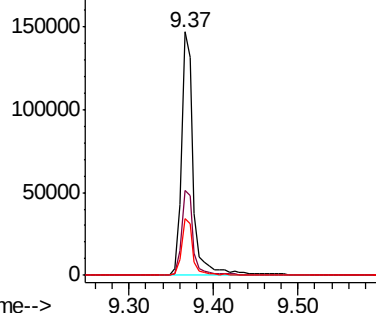


Abundance

Ion 172.00 (171.70 to 172.70): E

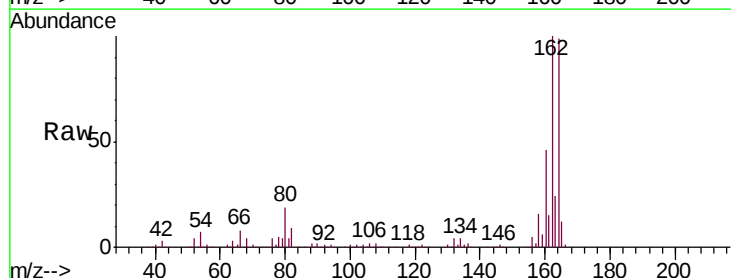
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 2,6-Dinitrotoluene
 Concen: 8.661 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.1	44.0	66.0#

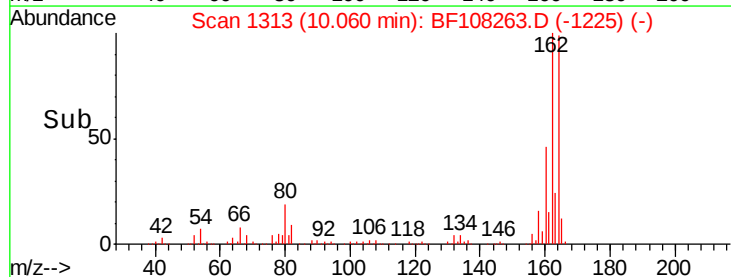
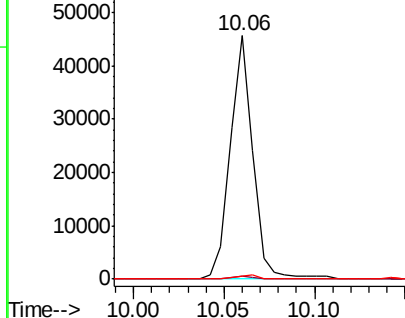


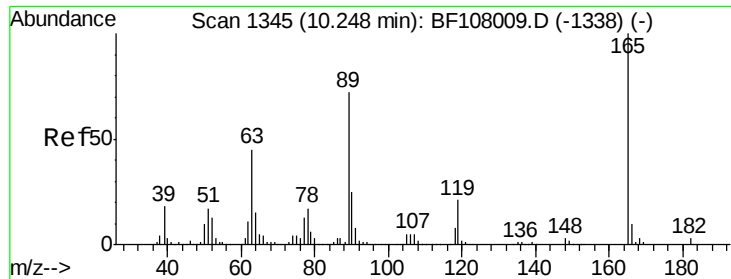
Abundance

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

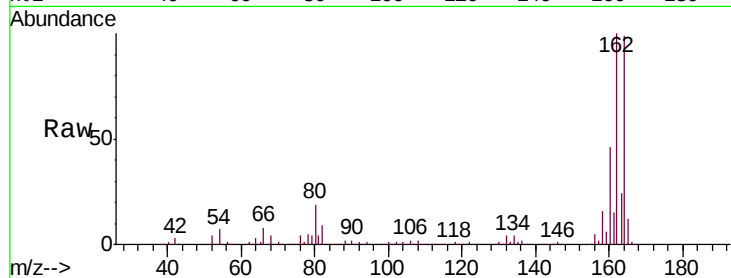




#56
 2,4-Dinitrotoluene
 Concen: 6.729 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

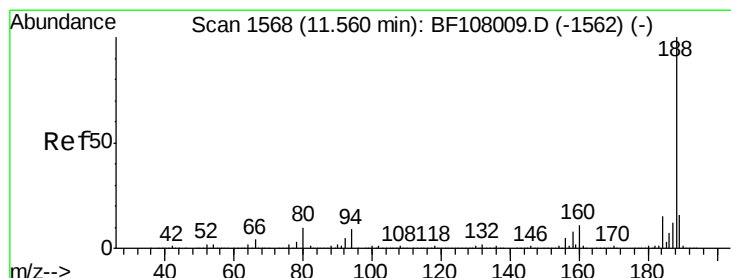
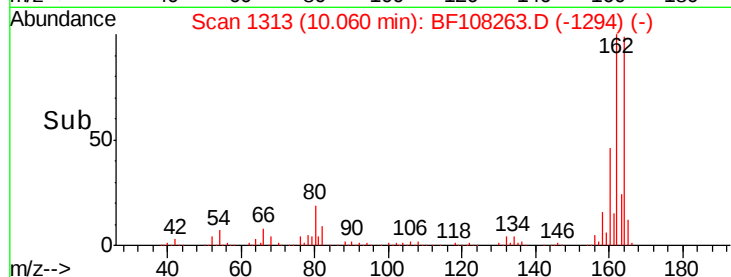
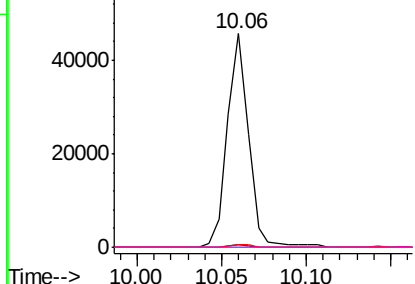


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

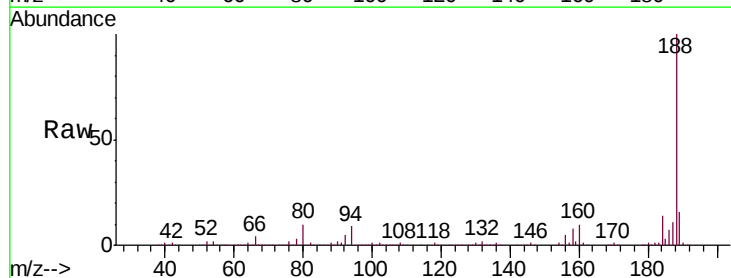
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

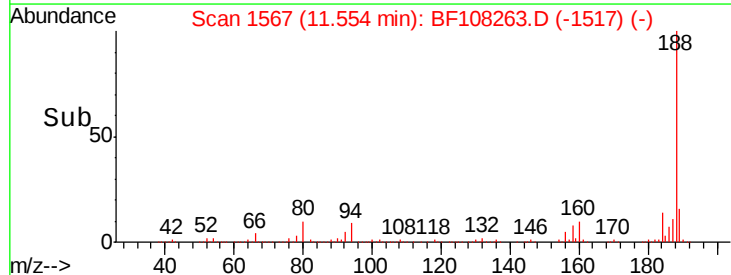
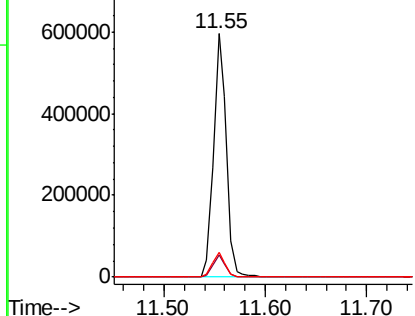
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.4	9.2	13.8

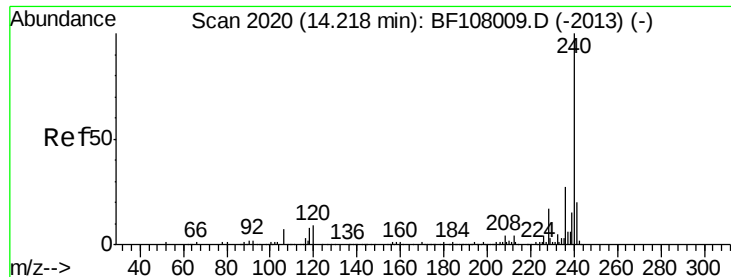


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108263.D

Acq: 18 Aug 2018 00:57

Instrument :

BNA_F

ClientSampleId :

DRUM-18

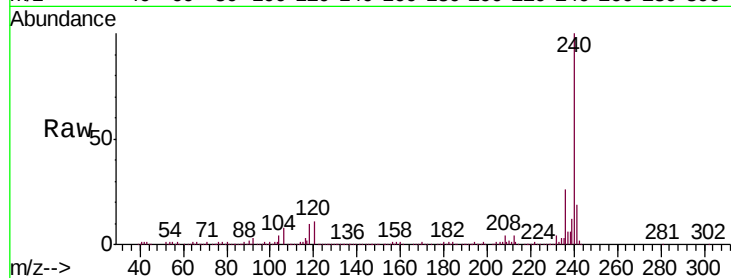
Tgt Ion:240 Resp: 473891

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

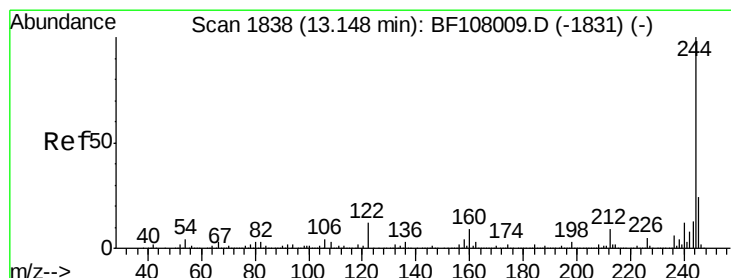
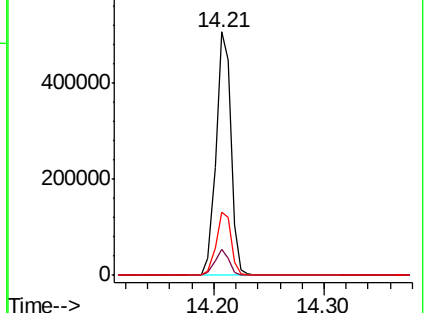
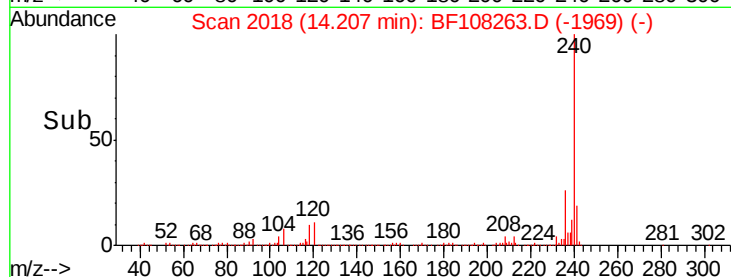
236 26.2 20.7 31.1



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: 6.717 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108263.D

Acq: 18 Aug 2018 00:57

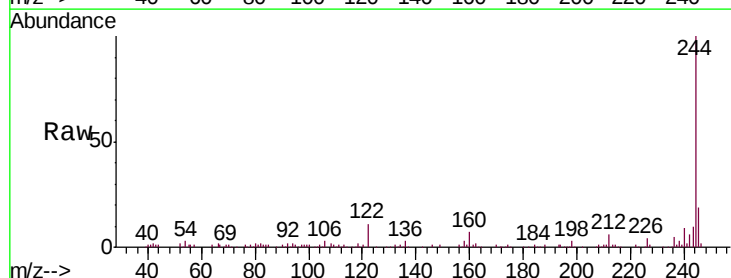
Tgt Ion:244 Resp: 125193

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

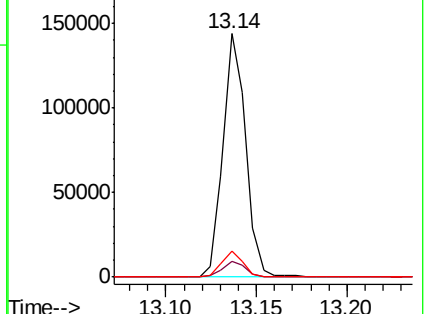
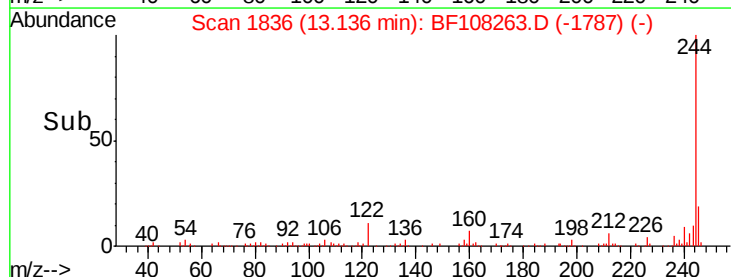
122 10.7 11.0 16.4#

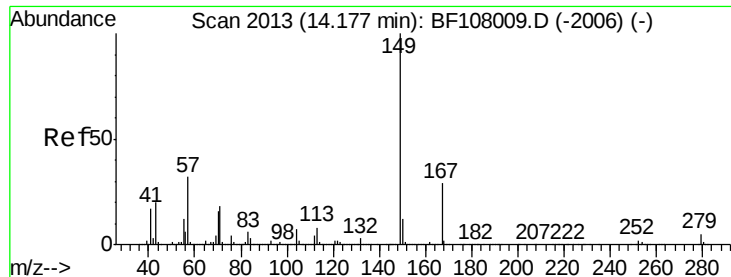


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

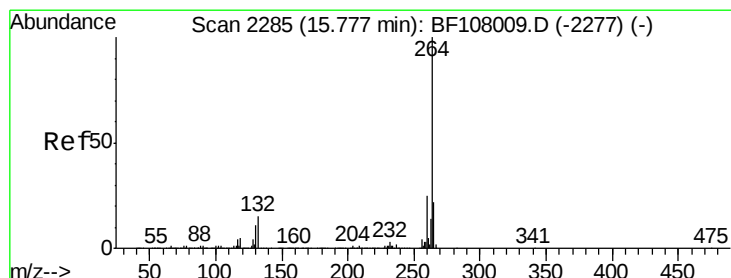
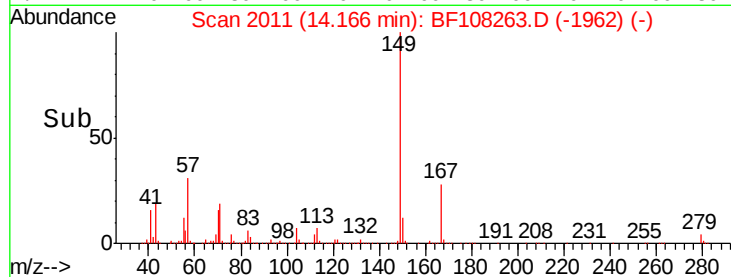
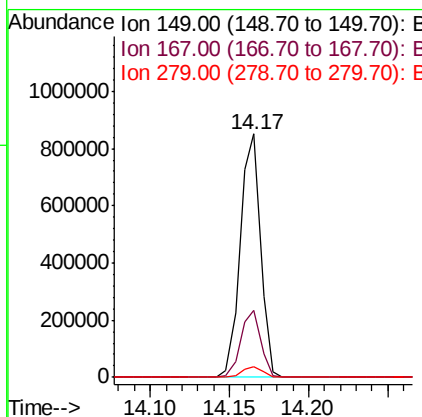
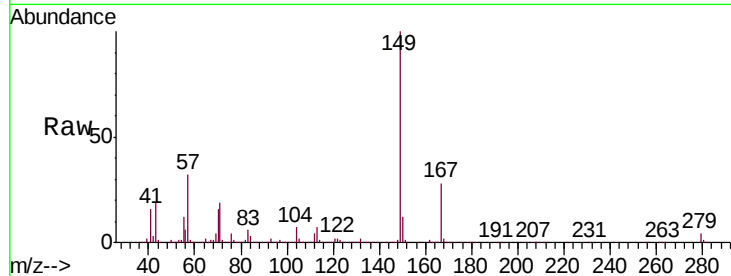




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.742 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-18

Tgt Ion:149 Resp: 754089
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.3 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108263.D
 Acq: 18 Aug 2018 00:57

Tgt Ion:264 Resp: 355344
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.2 17.5 26.3

