

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108501.D
 Acq On : 27 Aug 2018 11:09
 Operator : JU/SJ
 Sample : J4270-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 13:00:00 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

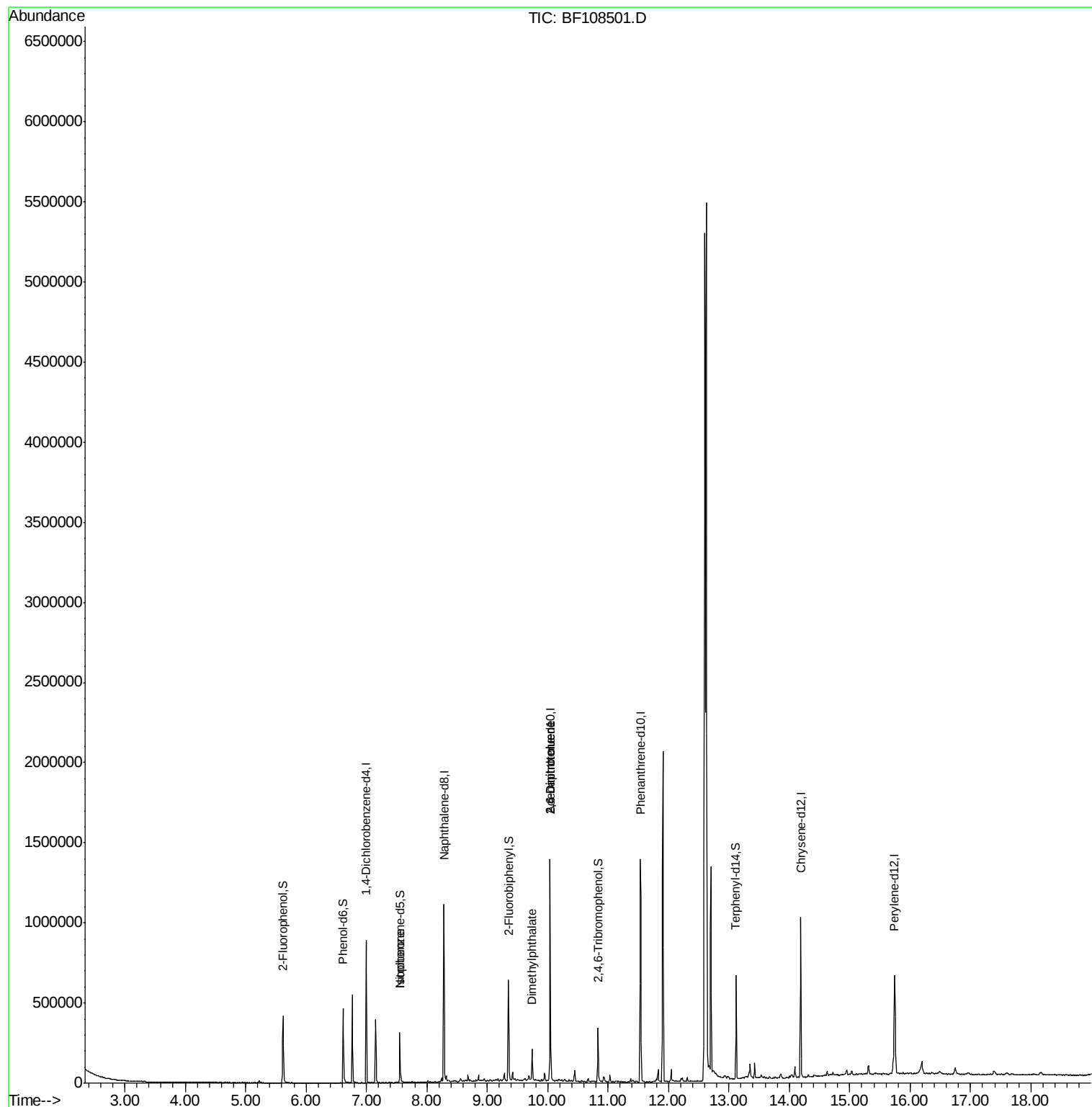
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	126351	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	499766	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	257200	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	512835	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	320004	20.00	ng	-0.01
86) Perylene-d12	15.75	264	323811	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	108024	15.48	ng	-0.01
7) Phenol-d6	6.61	99	150668	16.25	ng	-0.02
23) Nitrobenzene-d5	7.55	82	96406	10.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	44771	17.45	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	206917	12.92	ng	-0.01
78) Terphenyl-d14	13.12	244	201622	16.02	ng	-0.01
Target Compounds						
25) Isophorone	7.55	82	96405	5.647	ng	# 64
49) Dimethylphthalate	9.74	163	57988	3.237	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	32959	8.793	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	32959	6.831	ng	# 23

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

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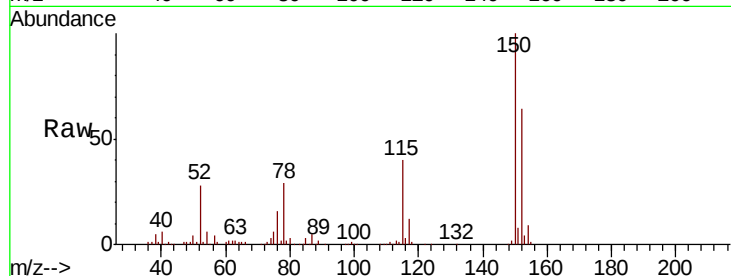


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108501.D
Acq: 27 Aug 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	62.6	50.1	75.1

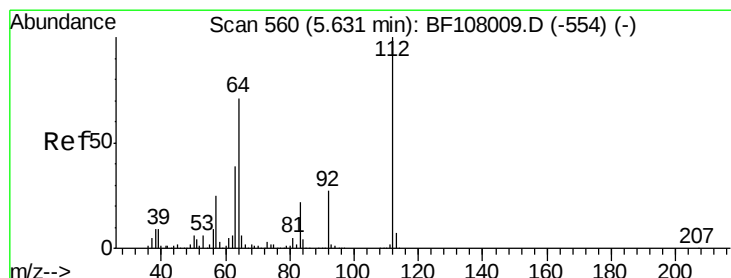
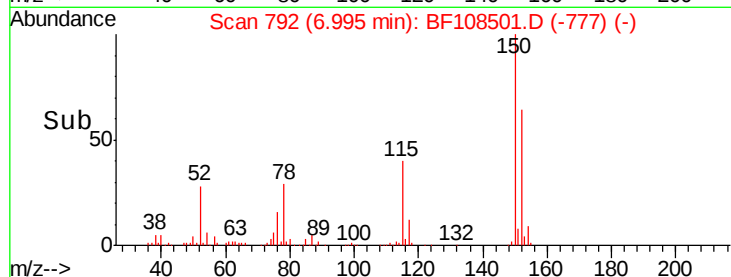
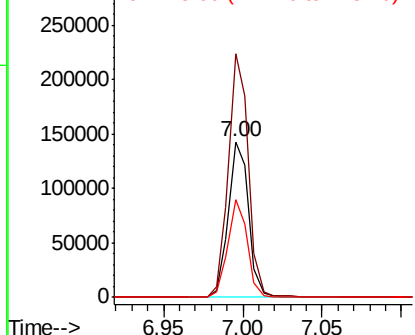


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

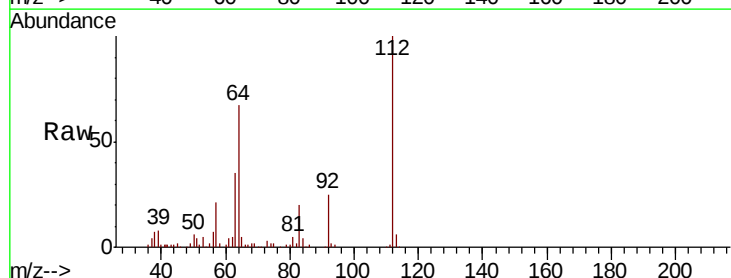
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.479 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108501.D
Acq: 27 Aug 2018 11:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.3	23.7	35.5

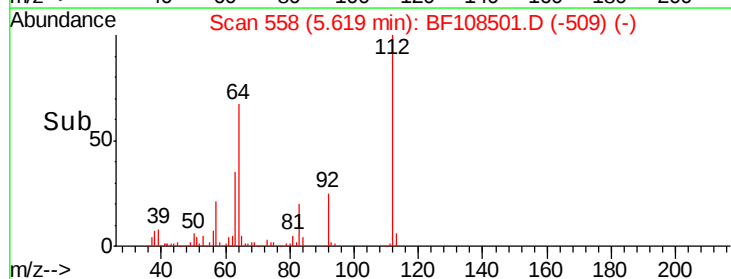
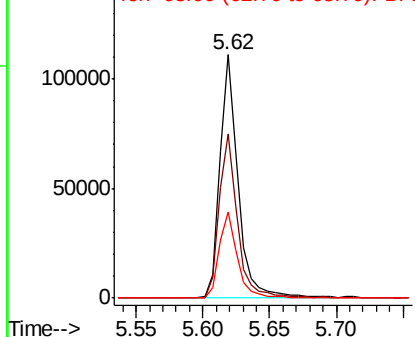


Abundance

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: 16.246 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108501.D

Acq: 27 Aug 2018 11:09

Instrument :

BNA_F

ClientSampleId :

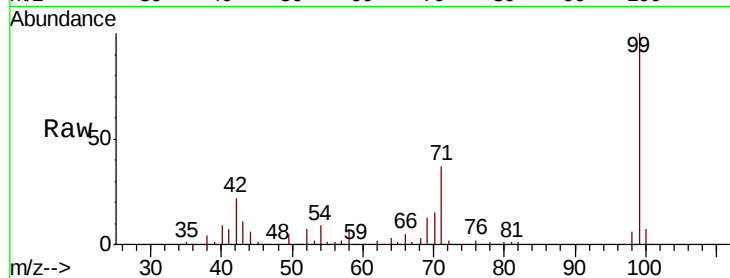
Tot Ion: 99 Resp: 150668

Ion Ratio Lower Upper

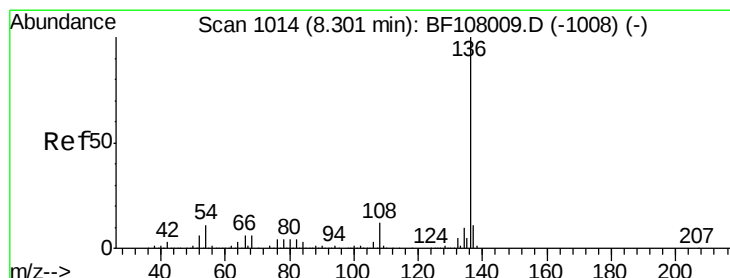
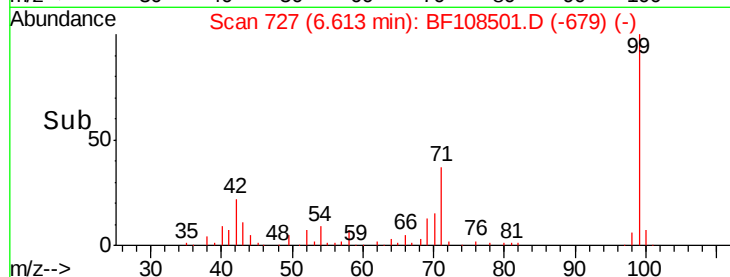
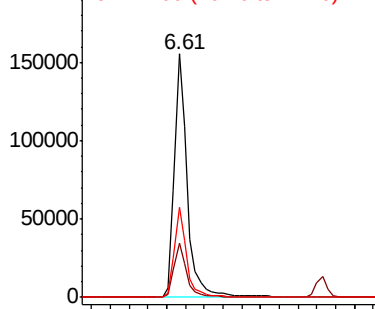
99 100

42 22.4 14.5 21.7#

71 36.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108501.D

Acq: 27 Aug 2018 11:09

Tgt Ion: 136 Resp: 499766

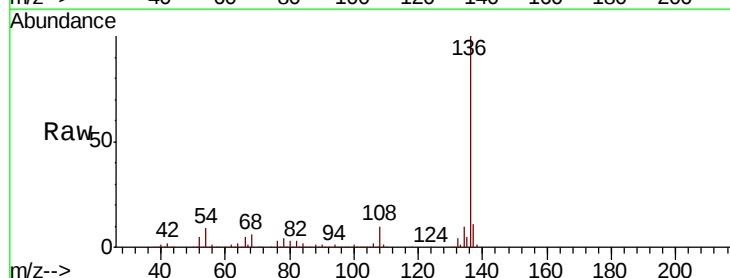
Ion Ratio Lower Upper

136 100

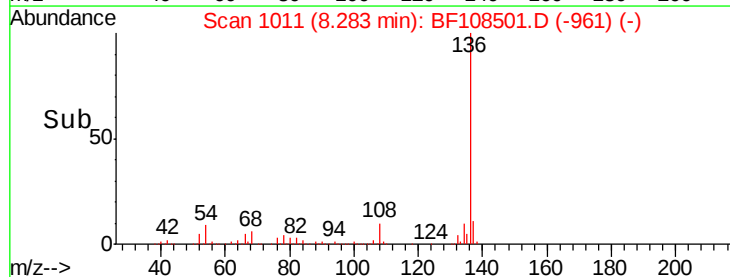
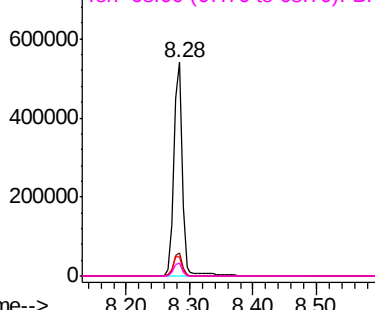
137 11.1 8.9 13.3

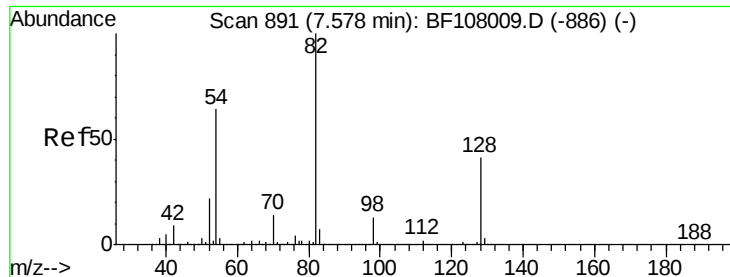
54 8.8 6.6 9.8

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

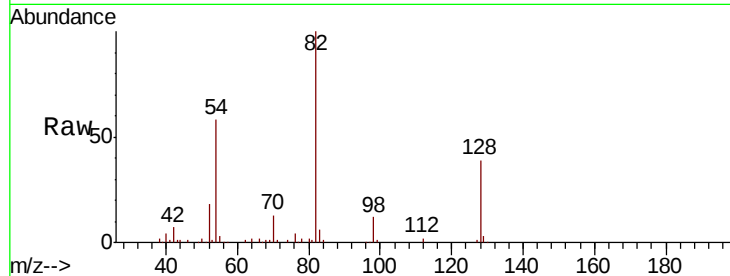




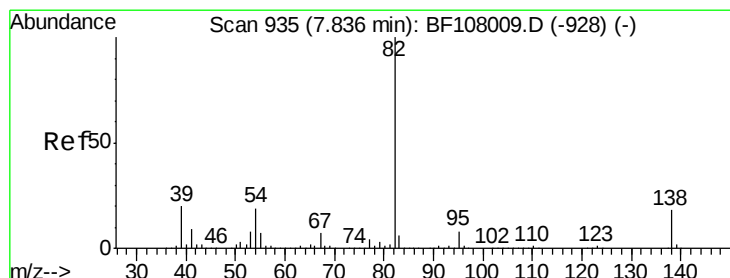
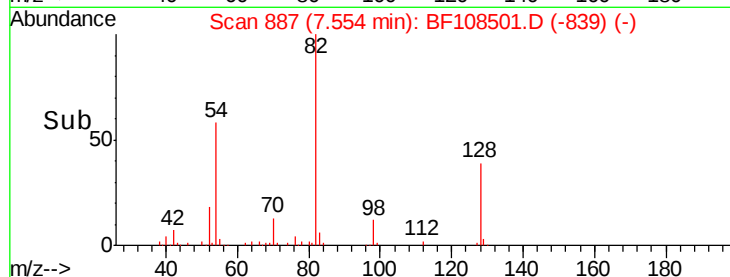
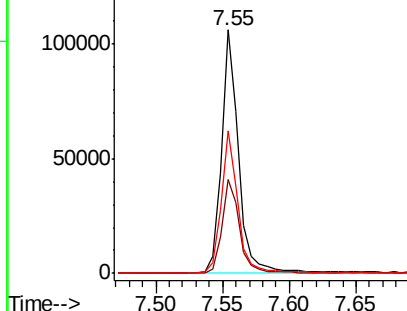
#23
 Nitrobenzene-d5
 Concen: 10.764 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF108501.D
 Acq: 27 Aug 2018 11:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	96406
Ion Ratio	Lower	Upper	
82	100		
128	38.6	36.1	54.1
54	58.4	41.4	62.2

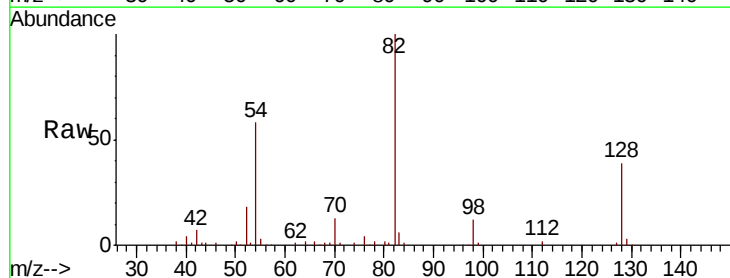


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

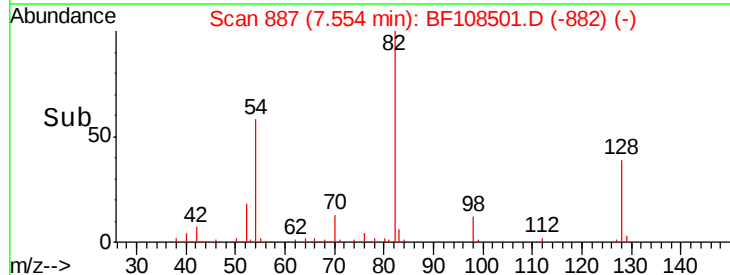
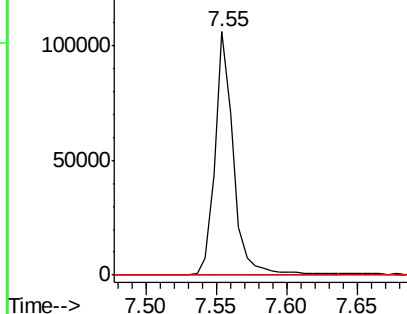


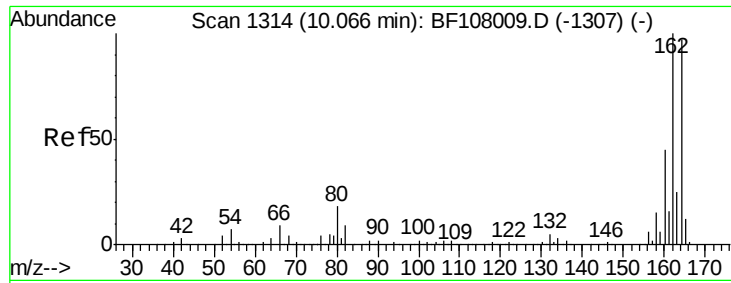
#25
 Isophorone
 Concen: 5.647 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.27 min
 Lab File: BF108501.D
 Acq: 27 Aug 2018 11:09

Tgt Ion	82	Resp	96405
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

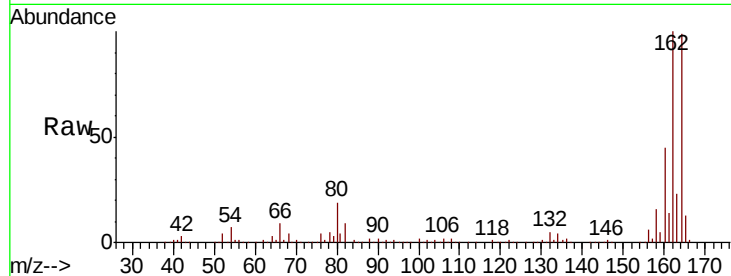




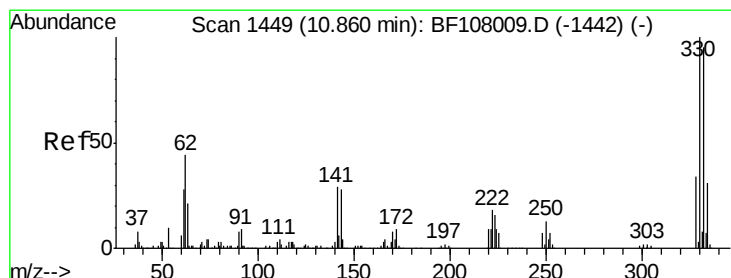
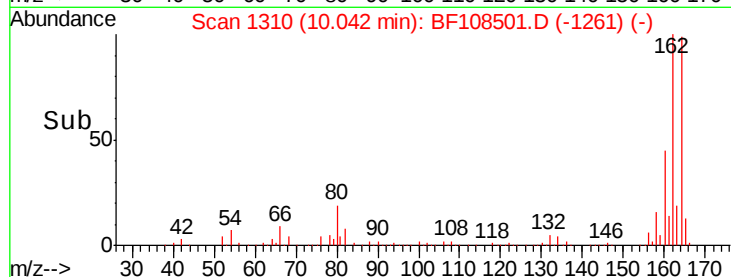
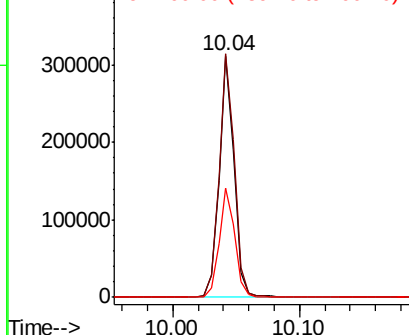
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108501.D
 Acq: 27 Aug 2018 11:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 257200
 Ion Ratio Lower Upper
 164 100
 162 100.9 86.1 129.1
 160 45.5 38.3 57.5

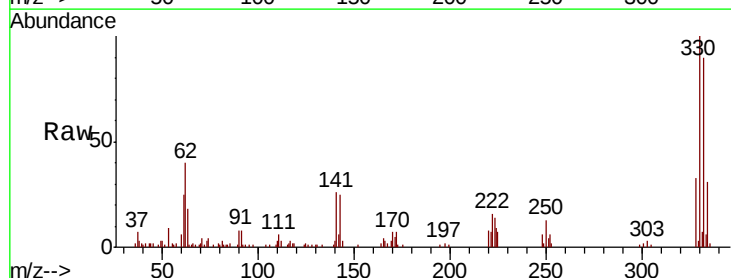


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

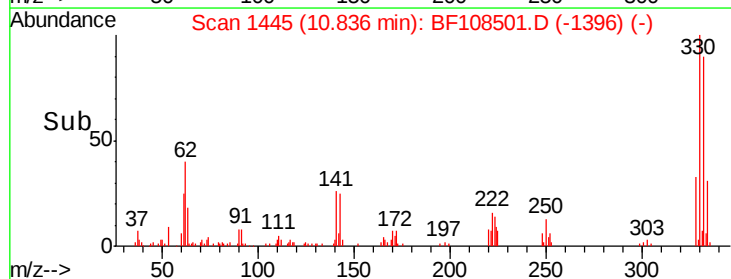
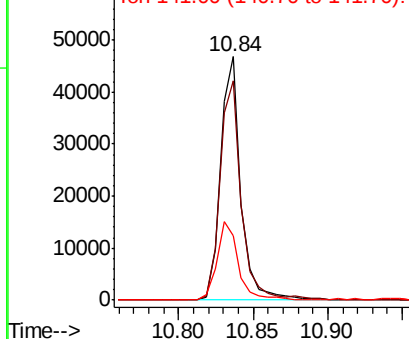


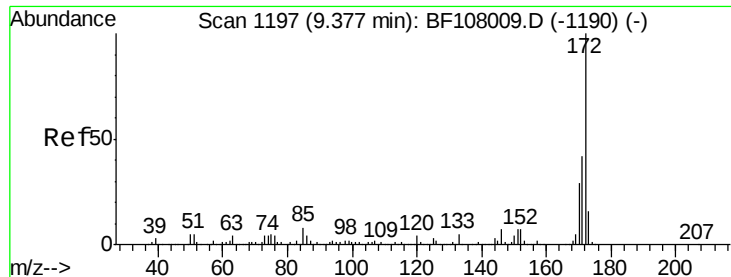
#41
 2,4,6-Tribromophenol
 Concen: 17.451 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108501.D
 Acq: 27 Aug 2018 11:09

Tgt Ion:330 Resp: 44771
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 33.5 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

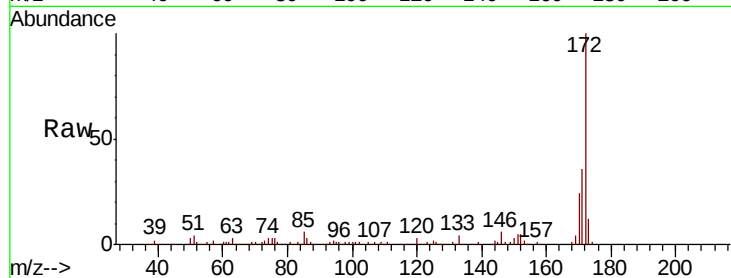




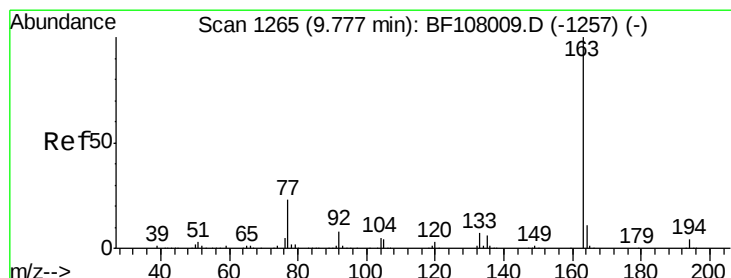
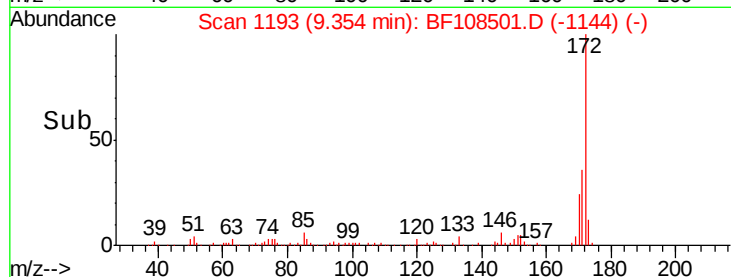
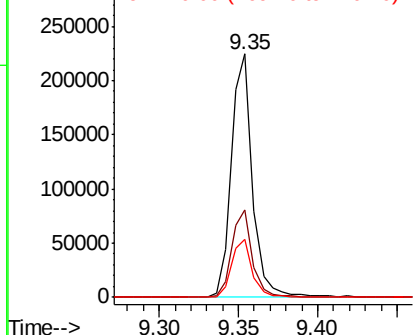
#44
2-Fluorobiphenyl
Concen: 12.916 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108501.D
Acq: 27 Aug 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

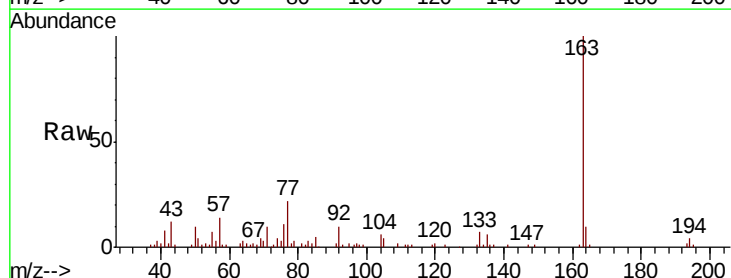


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

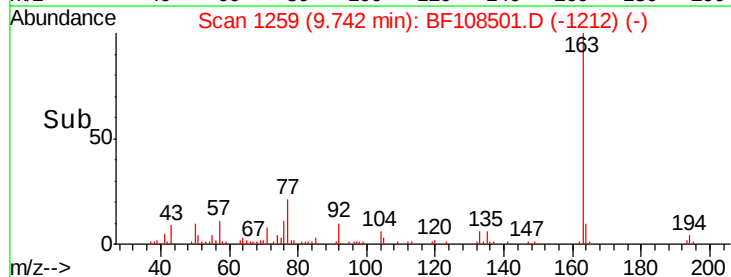
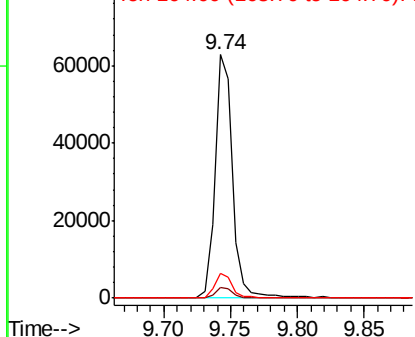


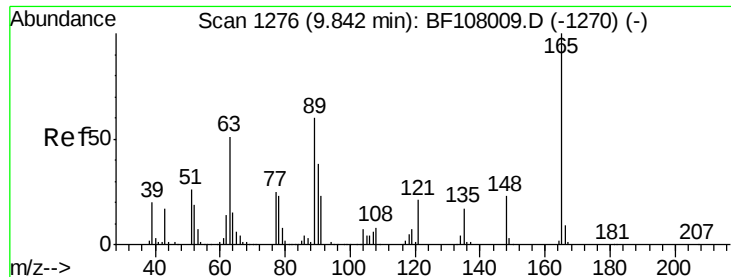
#49
Dimethylphthalate
Concen: 3.237 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108501.D
Acq: 27 Aug 2018 11:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.3	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

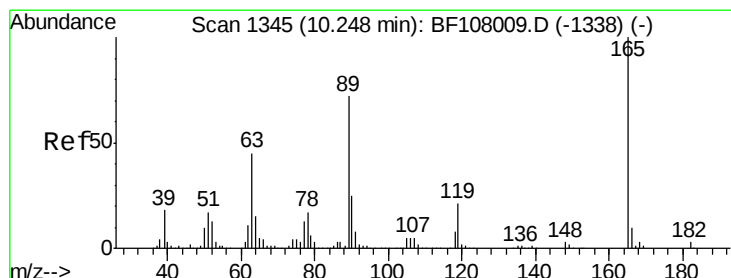
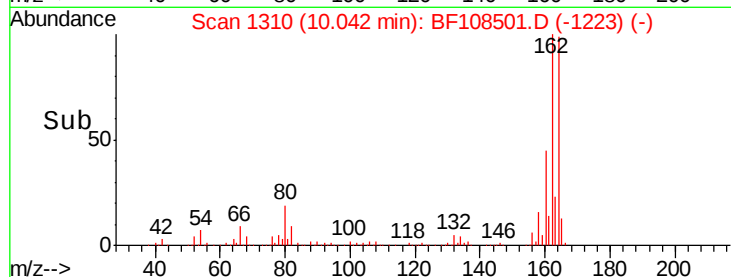
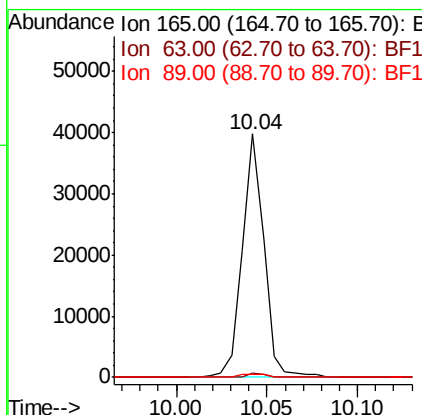
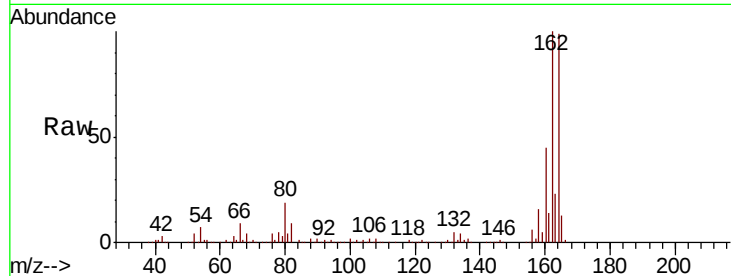




#50
 2,6-Dinitrotoluene
 Concen: 8.793 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108501.D
 Acq: 27 Aug 2018 11:09

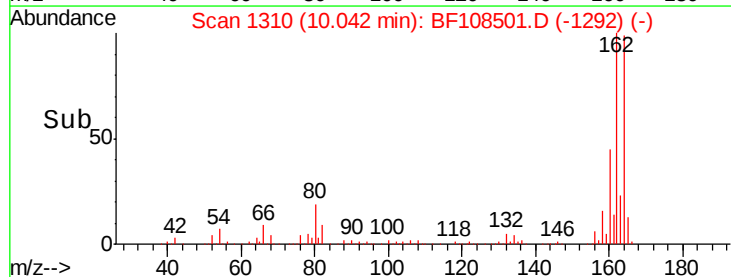
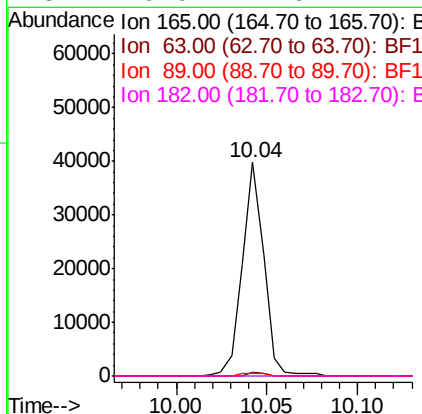
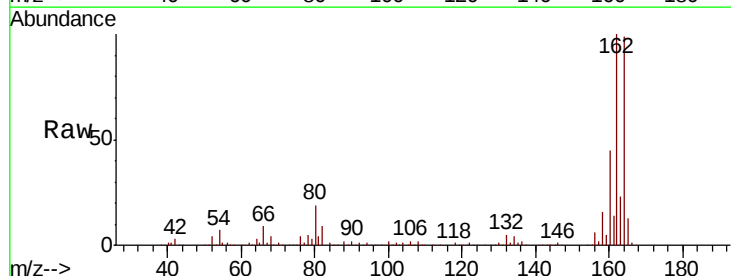
Instrument :
 BNA_F
 ClientSampled :

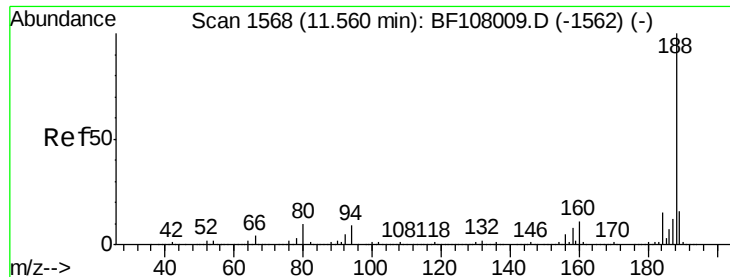
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.831 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108501.D
 Acq: 27 Aug 2018 11:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

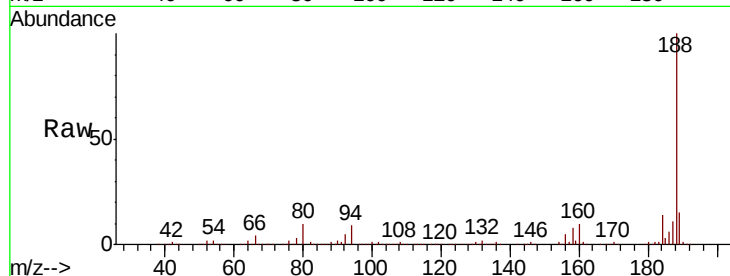




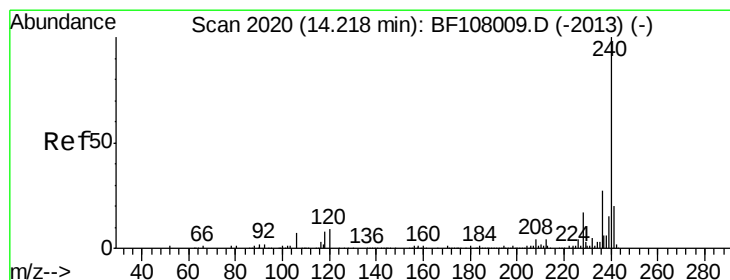
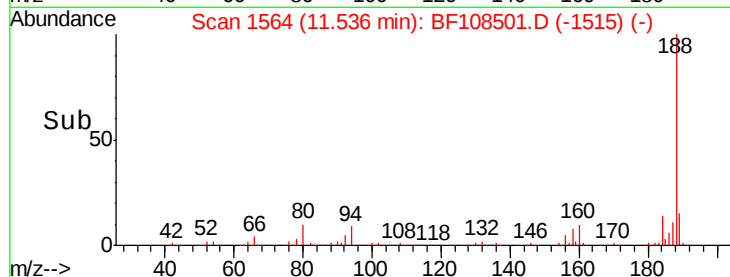
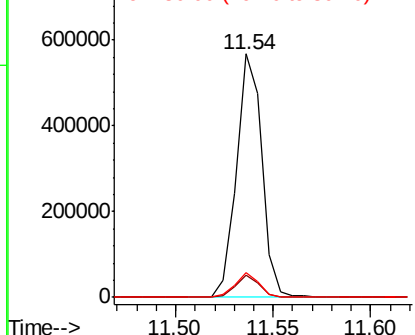
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108501.D
Acq: 27 Aug 2018 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 512835
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.2 9.2 13.8

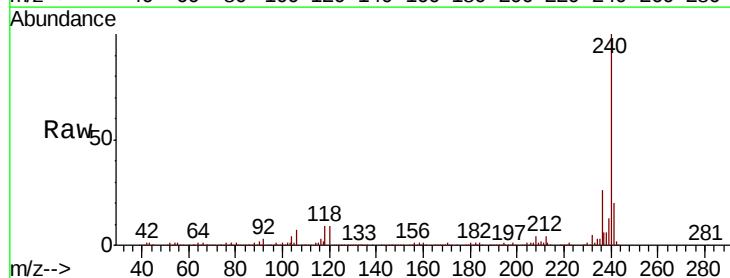


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

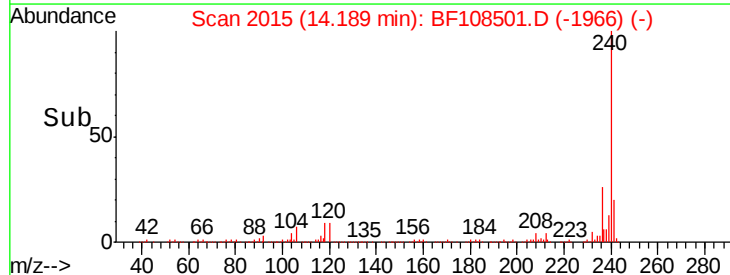
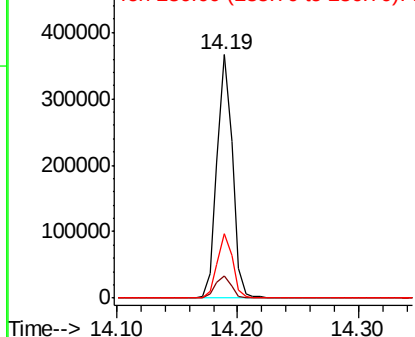


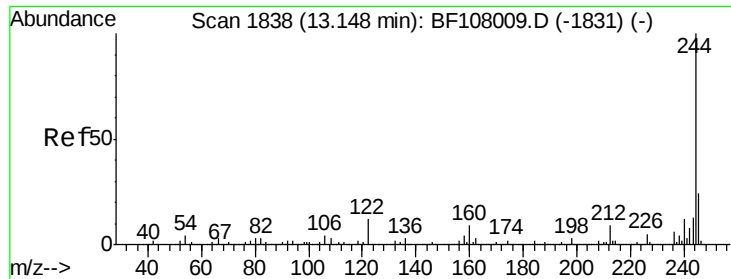
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108501.D
Acq: 27 Aug 2018 11:09

Tgt Ion:240 Resp: 320004
Ion Ratio Lower Upper
240 100
120 9.2 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: 16.020 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108501.D

Acq: 27 Aug 2018 11:09

Instrument :

BNA_F

ClientSampleId :

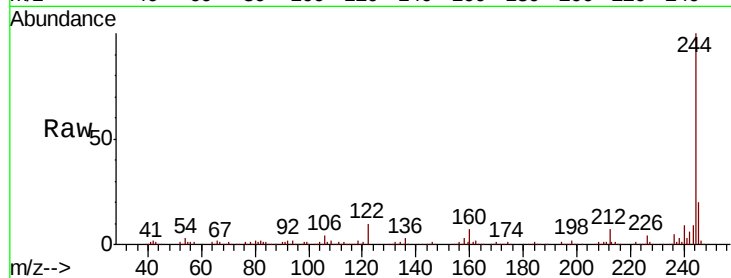
Tot Ion:244 Resp: 201622

Ion Ratio Lower Upper

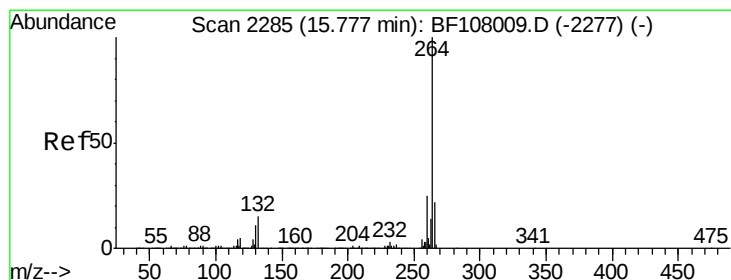
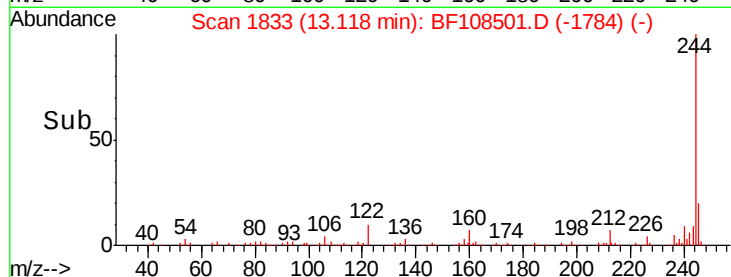
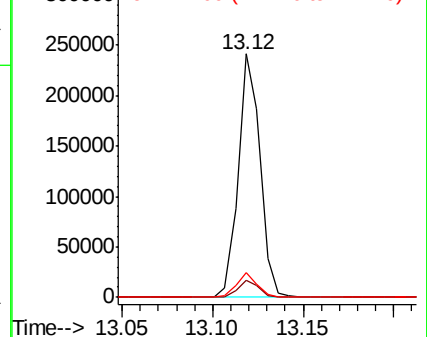
244 100

212 7.0 5.4 8.0

122 10.0 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: BF108501.D

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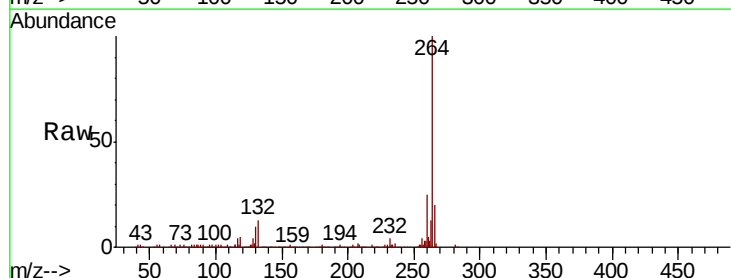
Tgt Ion:264 Resp: 323811

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.3 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

