

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108558.D
 Acq On : 28 Aug 2018 16:31
 Operator : JU/SJ
 Sample : J4280-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 17:01:10 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 22 11:01:45 2018
 Response via : Initial Calibration

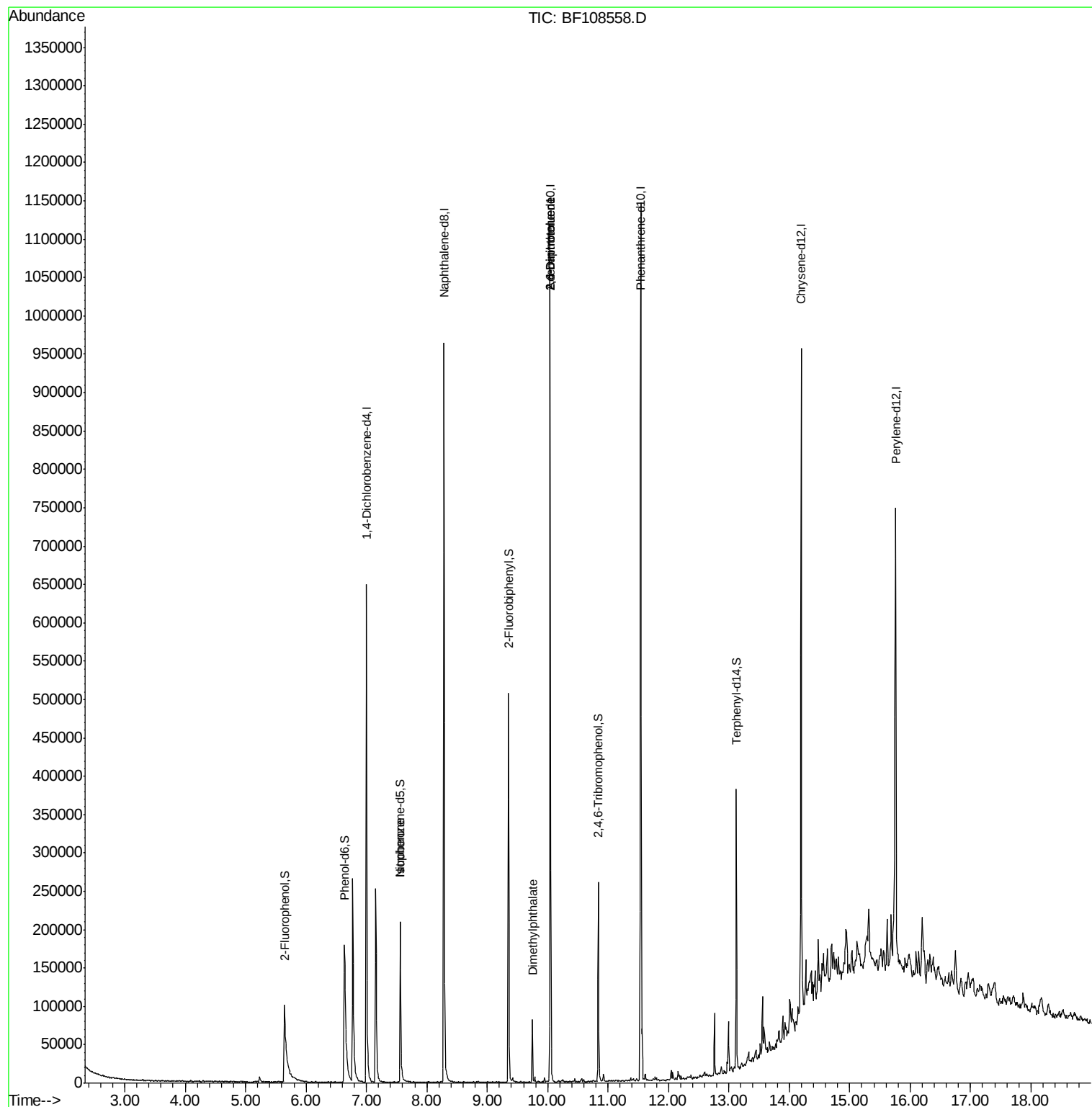
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	113974	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	453502	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	224926	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	409083	20.00	ng	0.00
75) Chrysene-d12	14.19	240	277475	20.00	ng	0.00
86) Perylene-d12	15.76	264	299405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	79245	12.59	ng	0.01
7) Phenol-d6	6.64	99	126632	15.14	ng	0.00
23) Nitrobenzene-d5	7.56	82	79286	9.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	32228	14.36	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	159617	11.39	ng	-0.01
78) Terphenyl-d14	13.12	244	123958	11.36	ng	0.00
Target Compounds						
25) Isophorone	7.56	82	79285	5.118	ng	# 64
49) Dimethylphthalate	9.75	163	34669	2.213	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	28440	8.676	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	28440	6.740	ng	# 24

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

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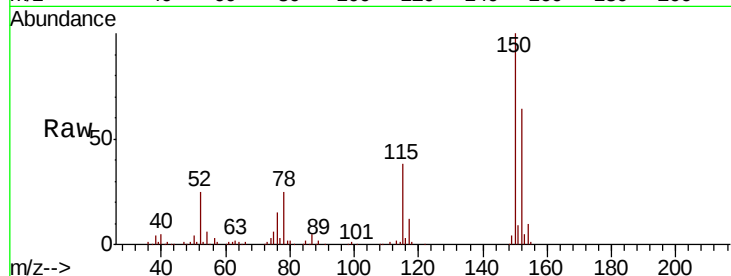


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	59.1	50.1	75.1

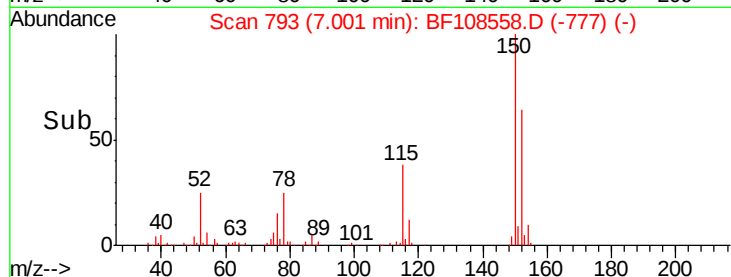
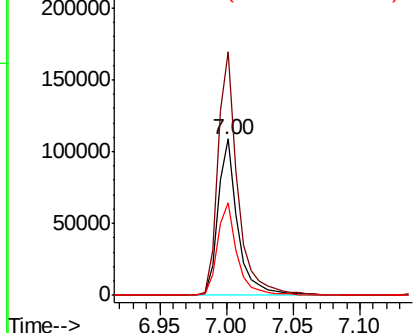


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

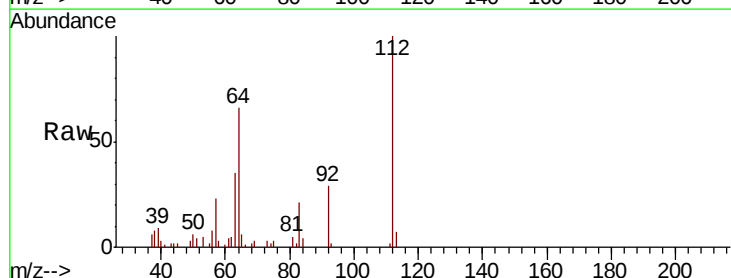
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.588 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	34.5	23.7	35.5

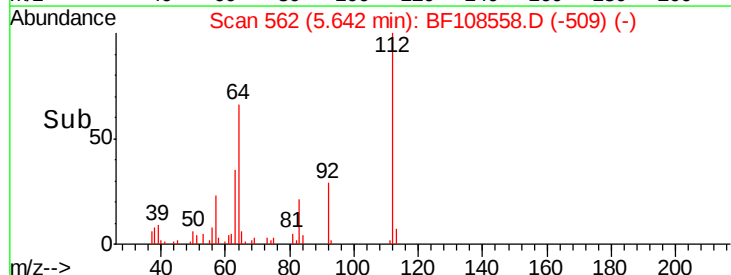
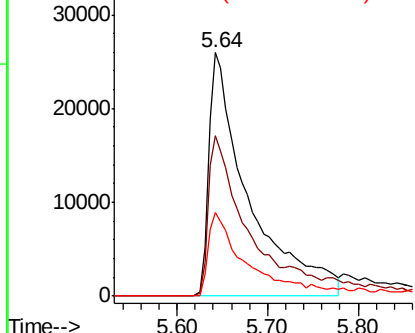


Abundance

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: 15.137 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108558.D

Acq: 28 Aug 2018 16:31

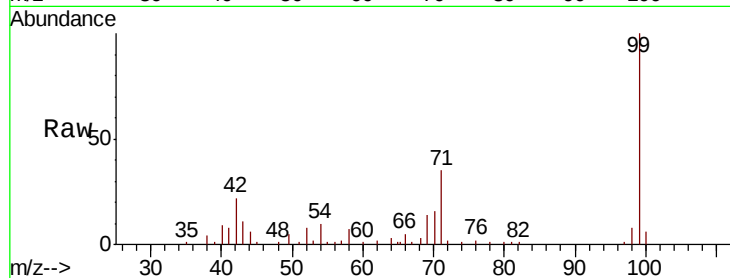
Instrument :

BNA_F

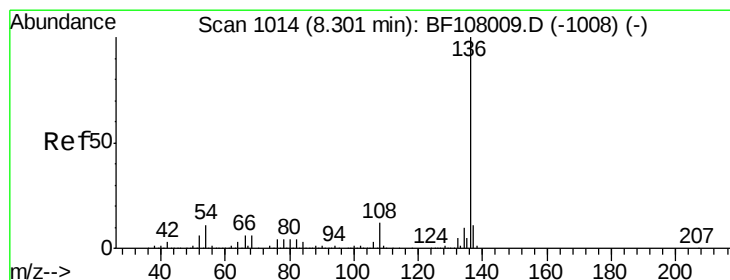
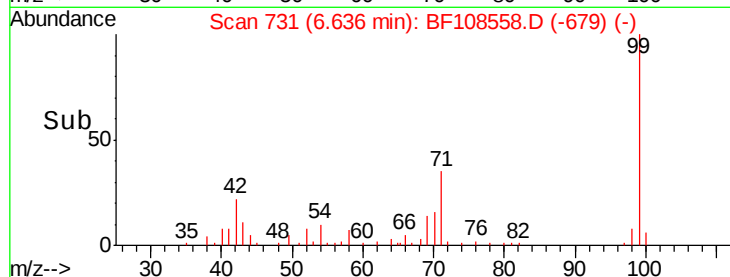
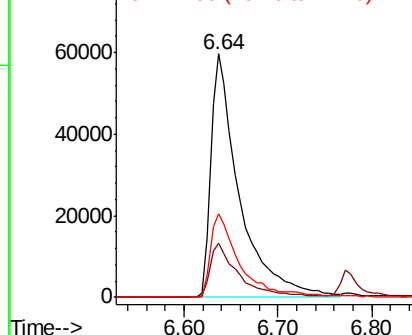
ClientSampleId :

Tot Ion: 99 Resp: 126632

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	34.6	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

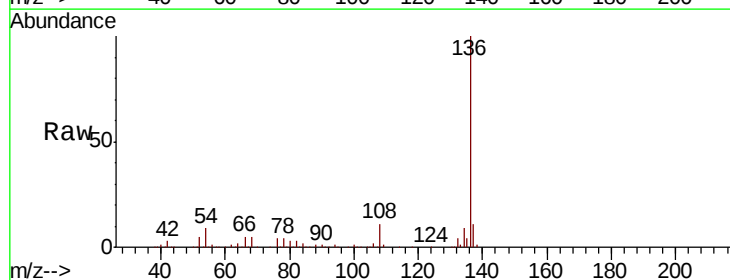
Delta R.T. -0.01 min

Lab File: BF108558.D

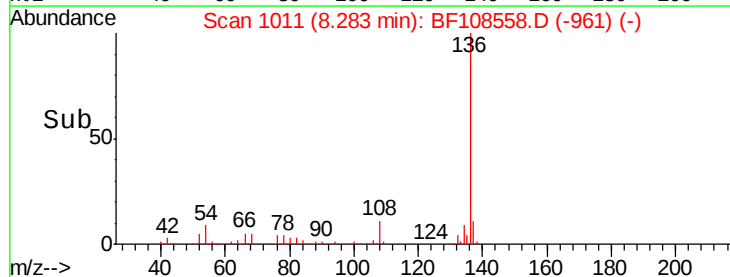
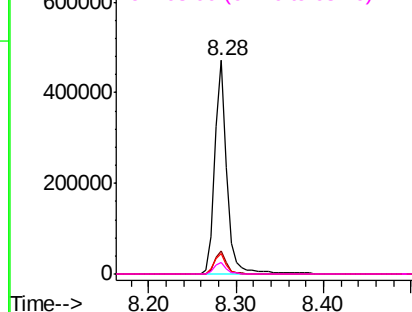
Acq: 28 Aug 2018 16:31

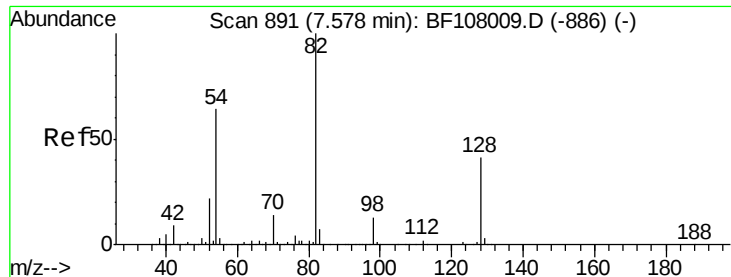
Tgt Ion: 136 Resp: 453502

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.4	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

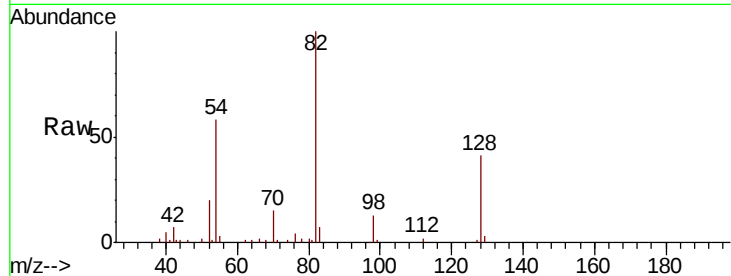




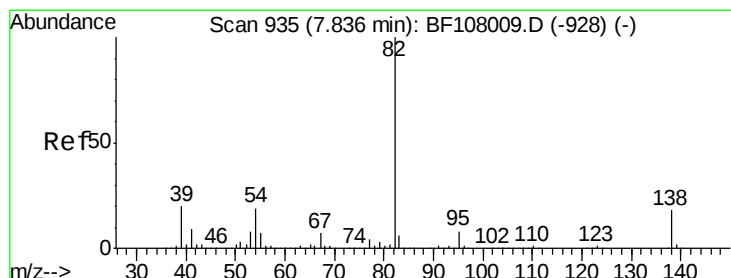
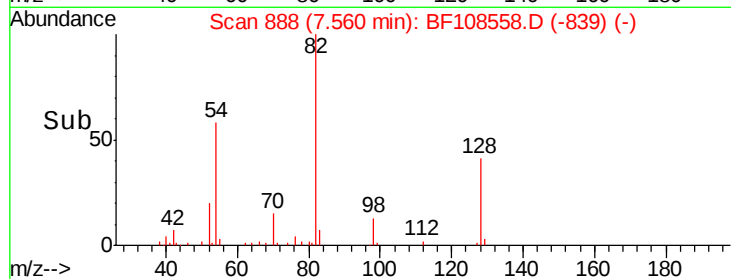
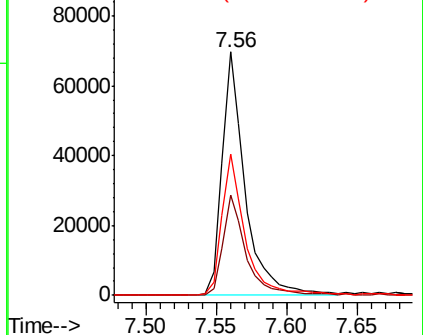
#23
Nitrobenzene-d5
Concen: 9.756 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	79286
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.1	54.1
54	58.2	41.4	62.2

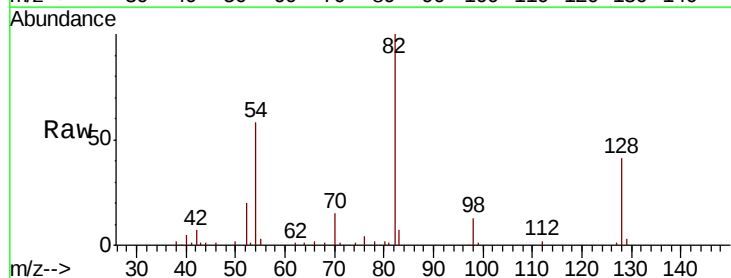


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

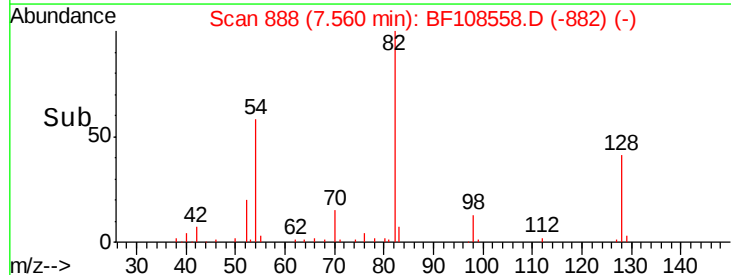
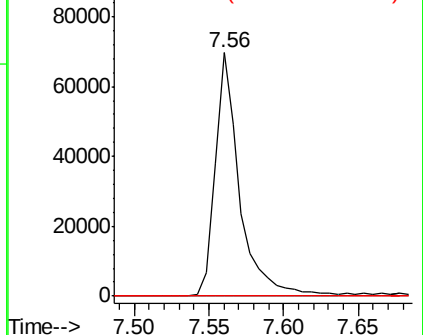


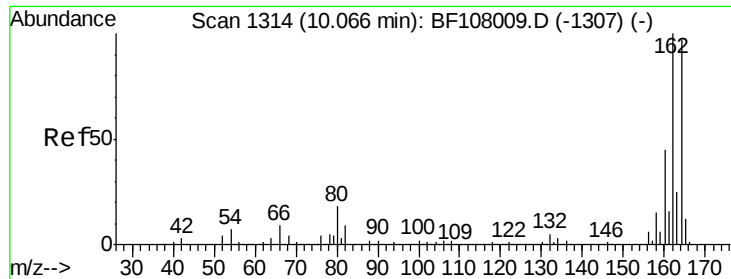
#25
Isophorone
Concen: 5.118 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Tgt Ion	82	Resp	79285
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

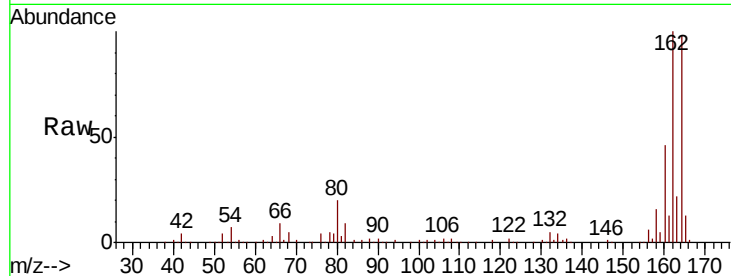




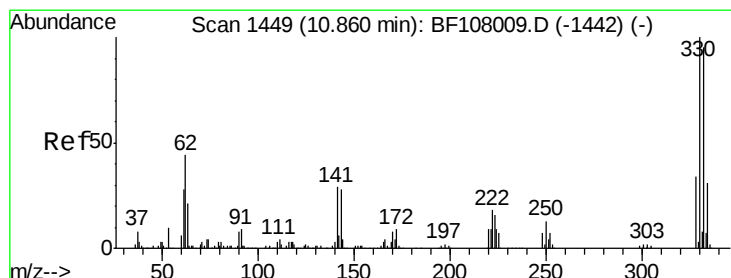
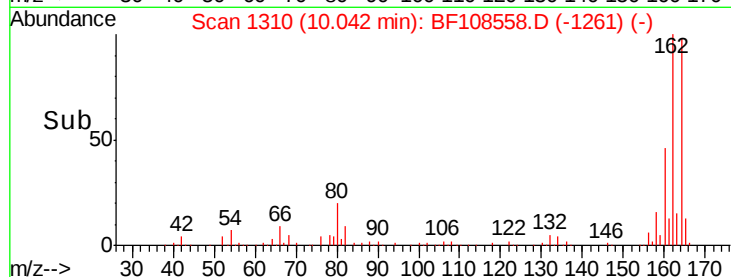
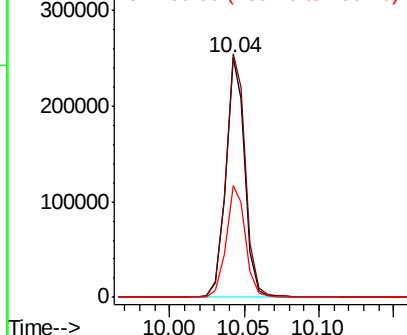
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 224926
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.5 38.3 57.5

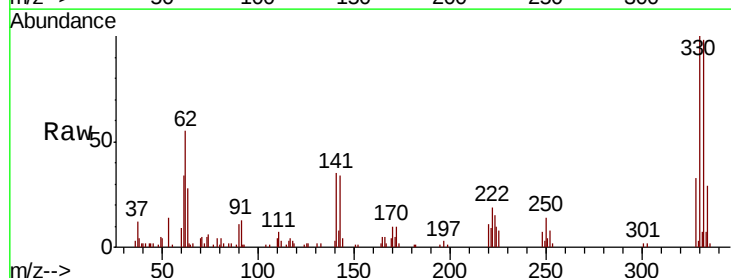


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

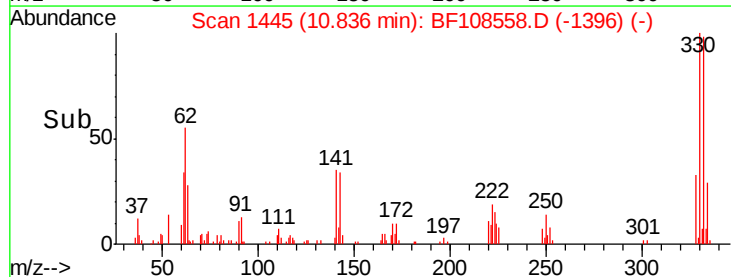
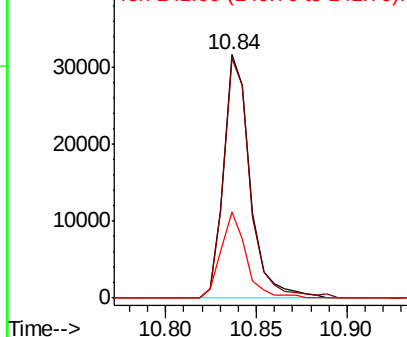


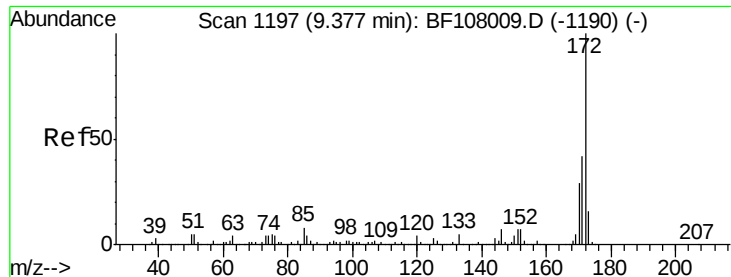
#41
 2,4,6-Tribromophenol
 Concen: 14.365 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

Tgt Ion:330 Resp: 32228
 Ion Ratio Lower Upper
 330 100
 332 98.4 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

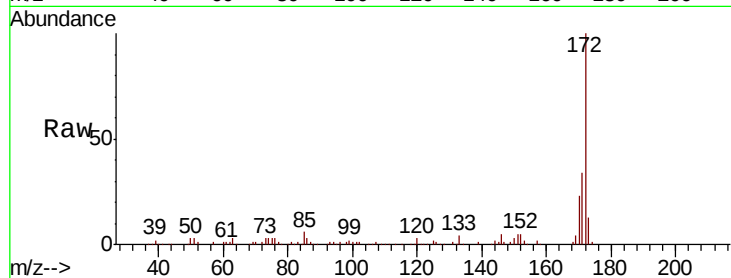




#44
2-Fluorobiphenyl
Concen: 11.393 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	22.7	19.6	29.4

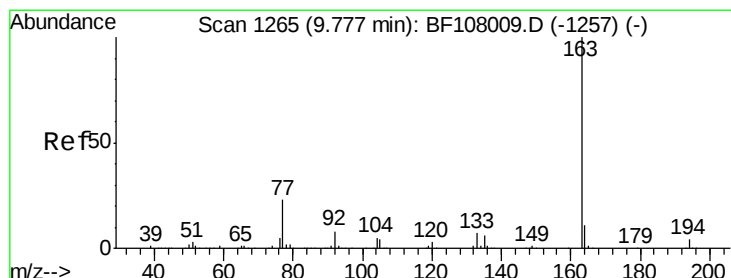
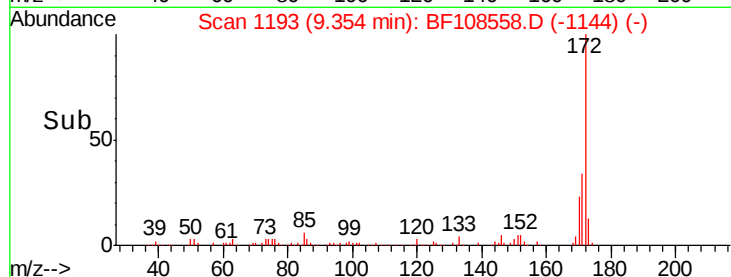
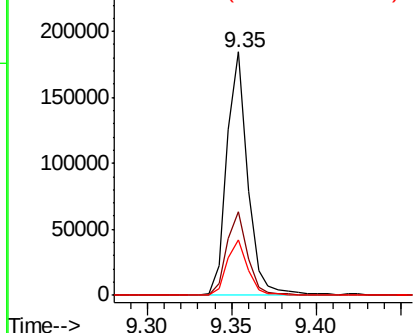


Abundance

Ion 172.00 (171.70 to 172.70): E

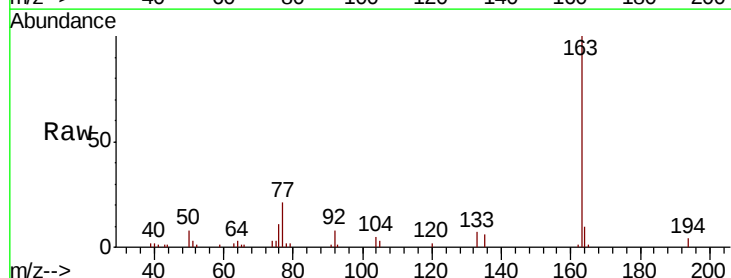
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 2.213 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2

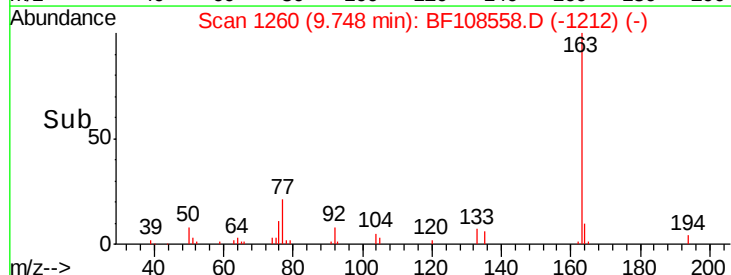
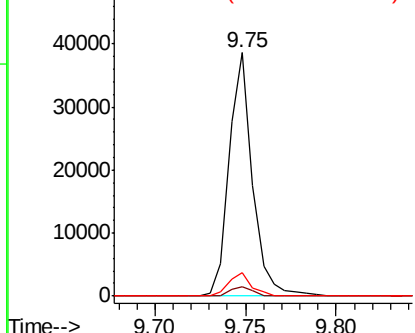


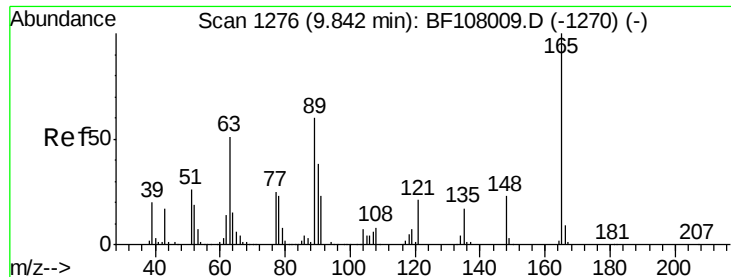
Abundance

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

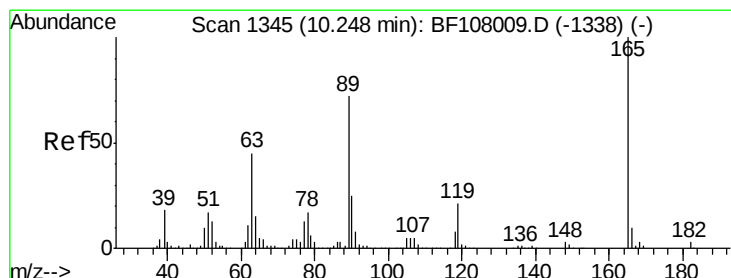
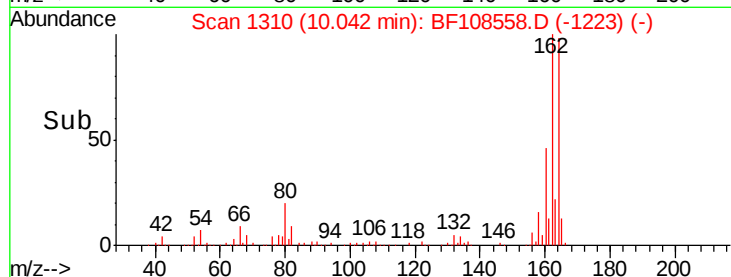
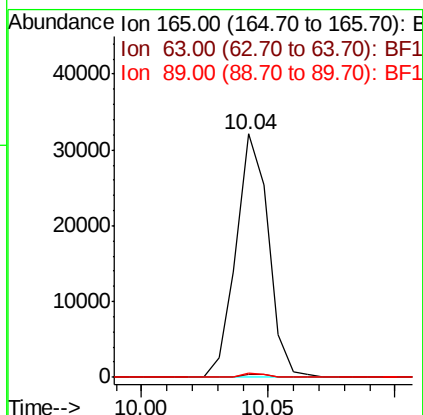
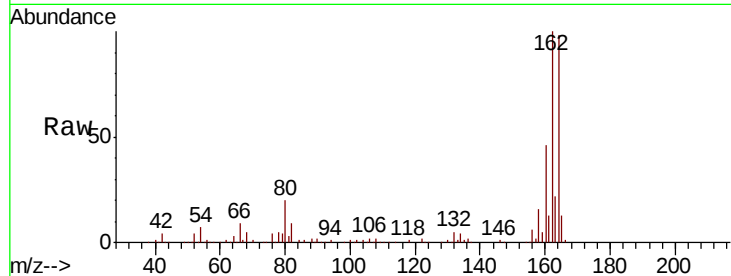




#50
 2,6-Dinitrotoluene
 Concen: 8.676 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

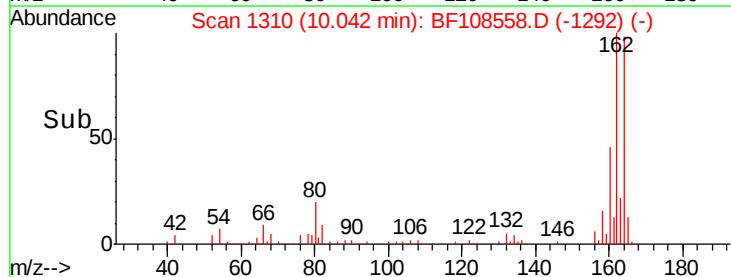
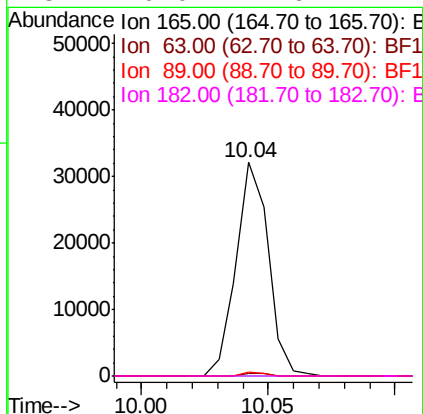
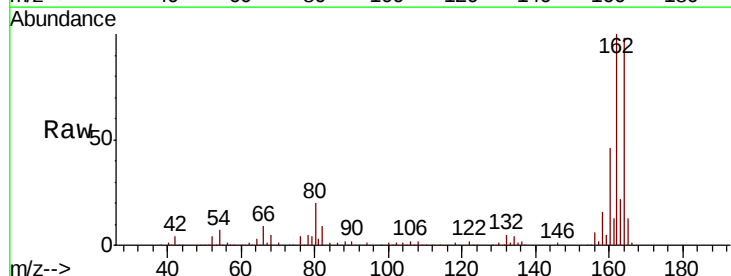
Instrument :
 BNA_F
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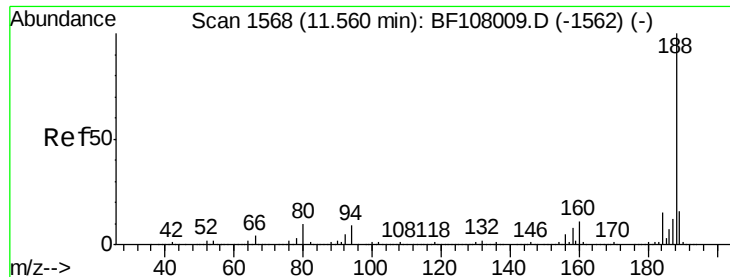
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.740 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108558.D
 Acq: 28 Aug 2018 16:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

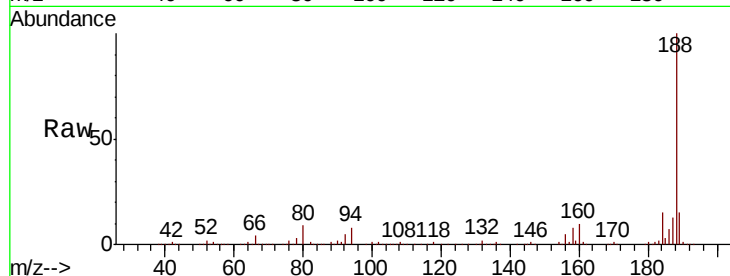




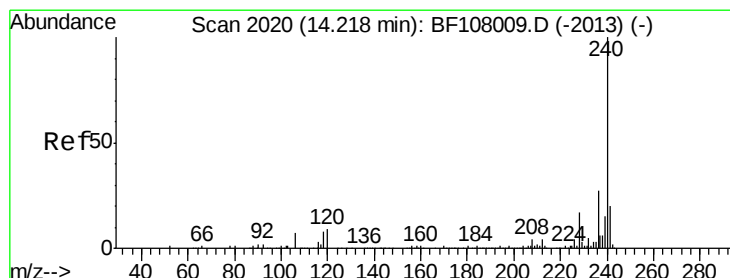
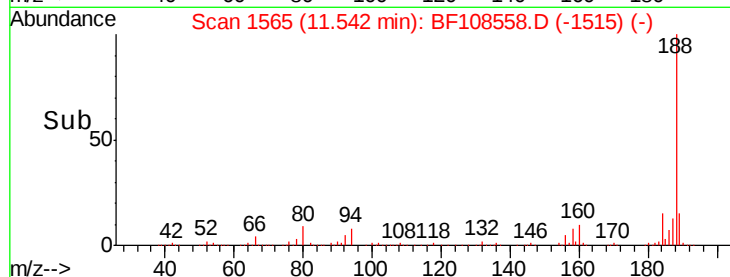
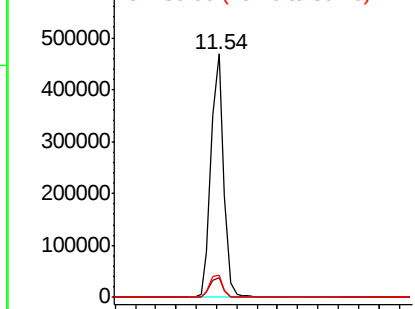
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 409083
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 9.1 9.2 13.8#

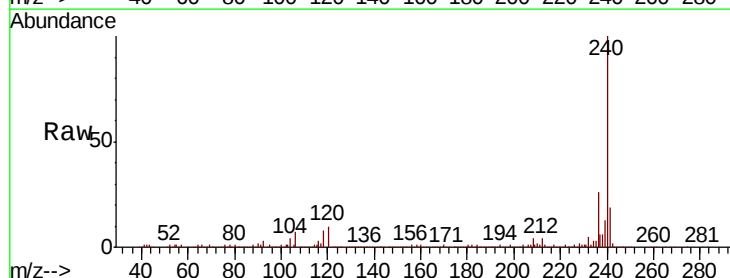


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

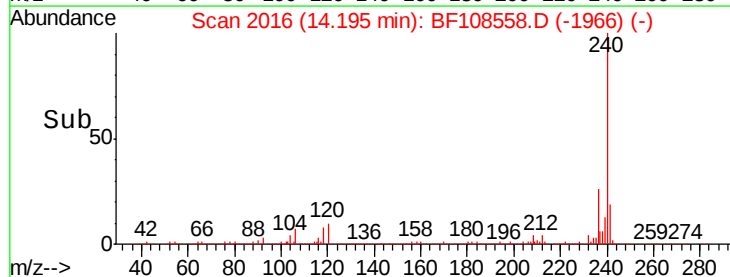
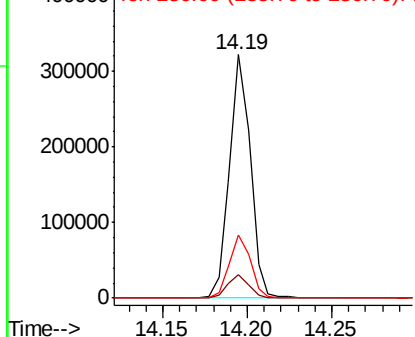


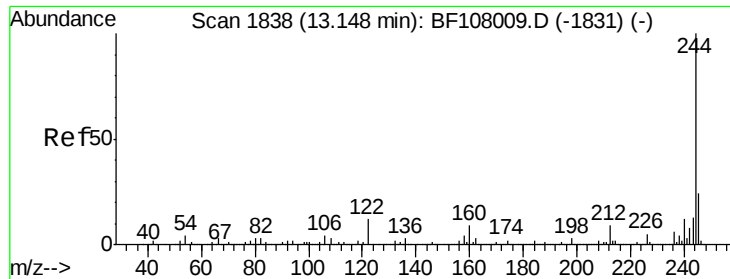
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108558.D
Acq: 28 Aug 2018 16:31

Tgt Ion:240 Resp: 277475
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 25.9 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: 11.359 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108558.D

Acq: 28 Aug 2018 16:31

Instrument :

BNA_F

ClientSampleId :

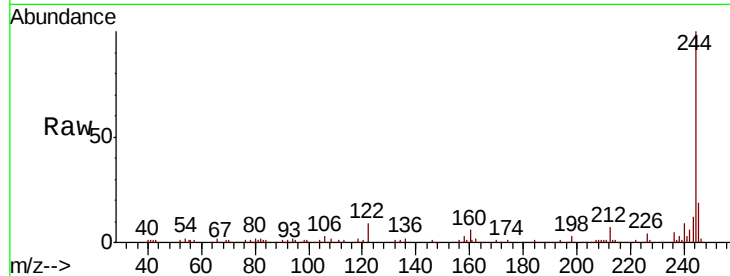
Tot Ion:244 Resp: 123958

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

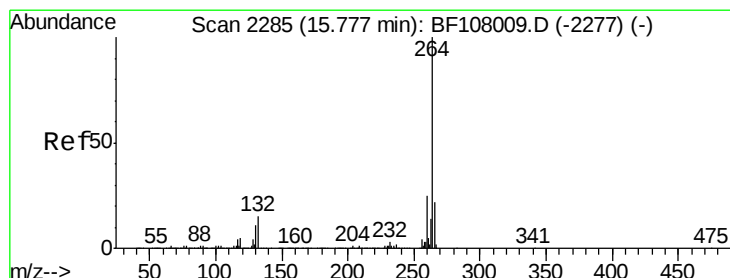
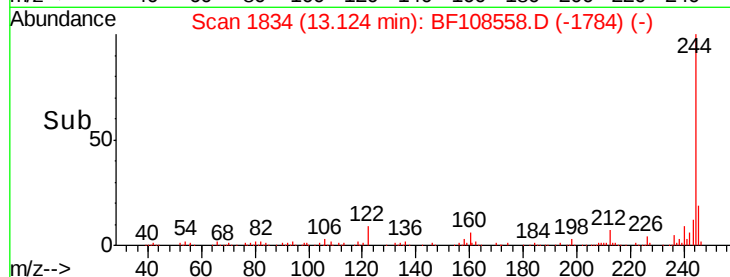
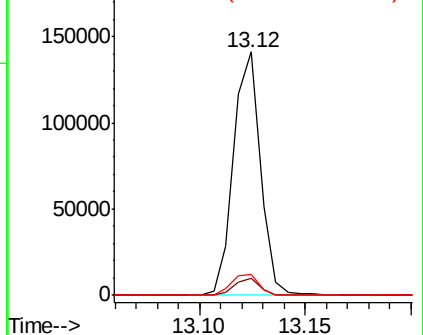
122 8.8 11.0 16.4#



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: 15.76 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BF108558.D

Acq: 28 Aug 2018 16:31

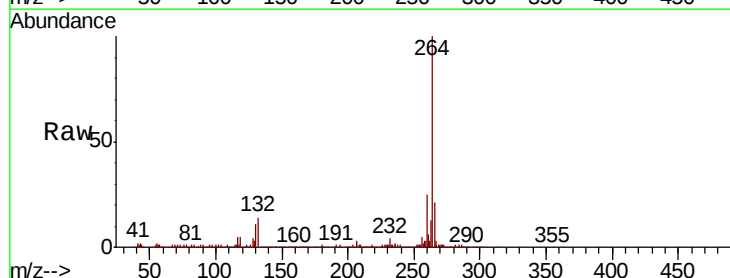
Tgt Ion:264 Resp: 299405

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.3 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

