

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108137.D
 Acq On : 14 Aug 2018 11:52
 Operator : JU/SJ
 Sample : J4274-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-080918RE

Quant Time: Aug 14 13:34:09 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

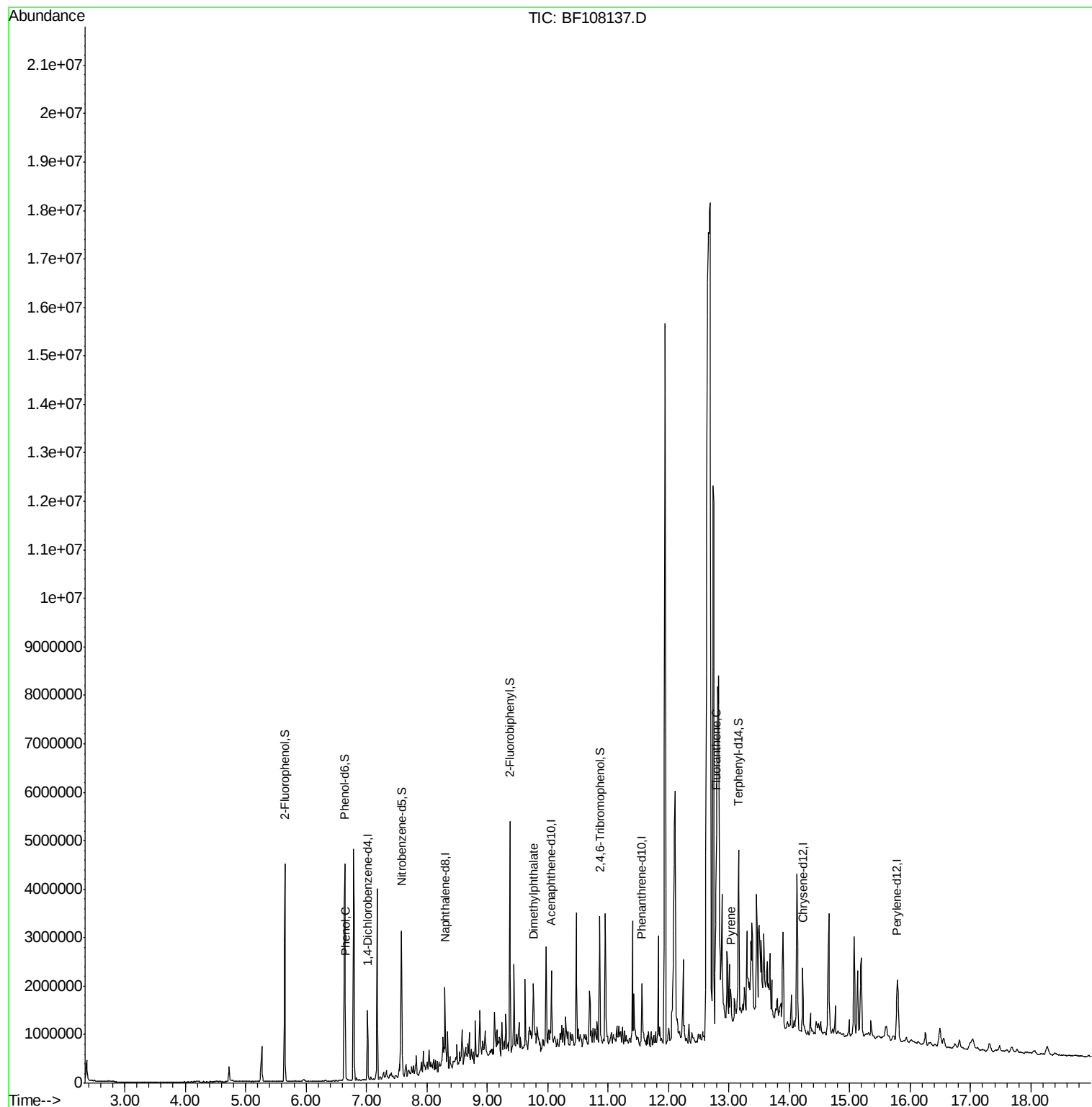
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	190556	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	643177	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	257346	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	446349	20.00	ng	0.00
75) Chrysene-d12	14.22	240	418012	20.00	ng	0.00
86) Perylene-d12	15.79	264	277355	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1146282	108.91	ng	0.02
7) Phenol-d6	6.64	99	1488032	106.39	ng	0.01
23) Nitrobenzene-d5	7.58	82	973891	84.49	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	295431	115.09	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1380751	86.14	ng	0.00
78) Terphenyl-d14	13.16	244	1192730	72.55	ng	0.01
Target Compounds						
10) Phenol	6.65	94	49209	3.401	ng	94
49) Dimethylphthalate	9.77	163	144652	8.069	ng	# 98
74) Fluoranthene	12.79	202	52672	2.292	ng	87
77) Pyrene	13.02	202	65258	2.466	ng	97

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

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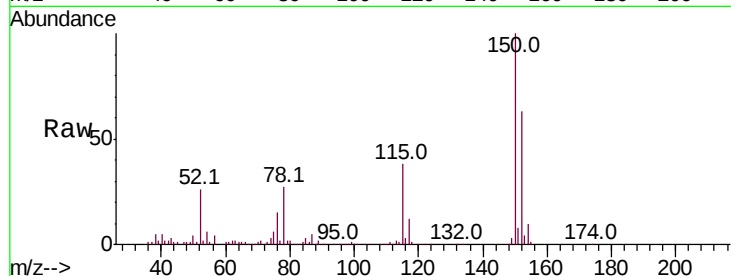


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :
HD-01-080918RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.4	50.1	75.1

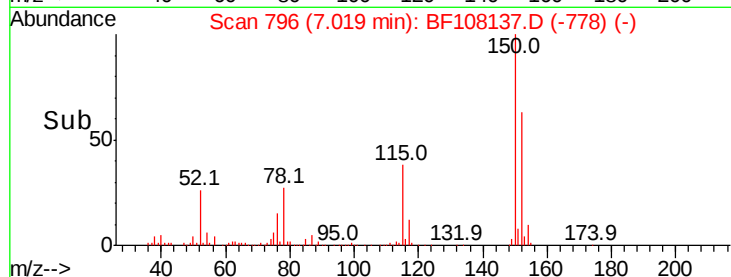
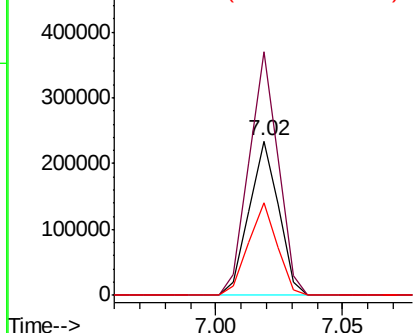


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

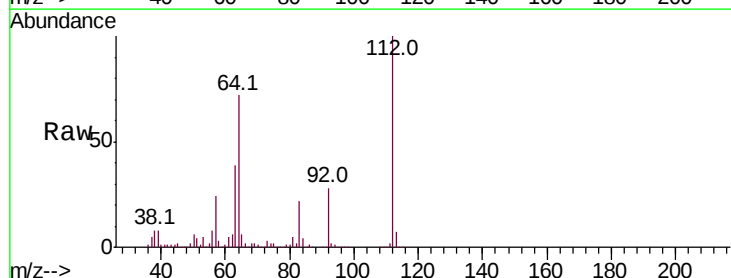
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.907 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	47.9	71.9#
63	38.7	23.7	35.5#

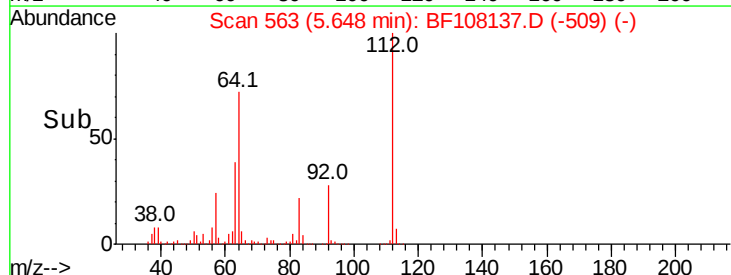
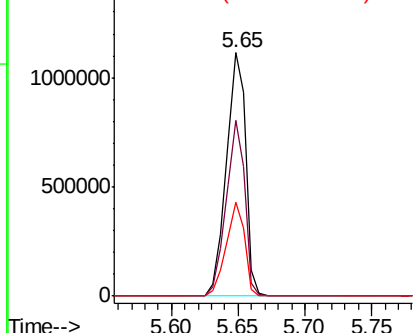


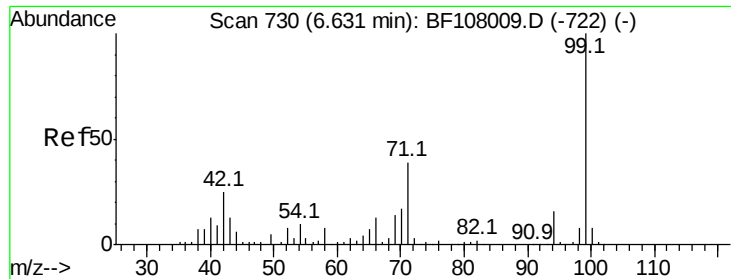
Abundance

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: 106.389 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108137.D

Acq: 14 Aug 2018 11:52

Instrument :

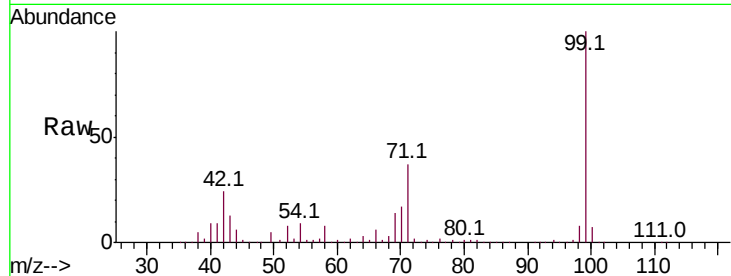
BNA_F

ClientSampleId :

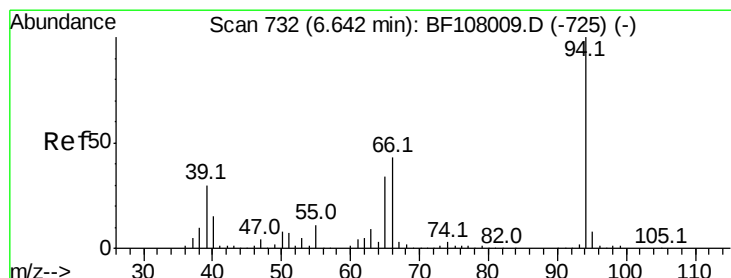
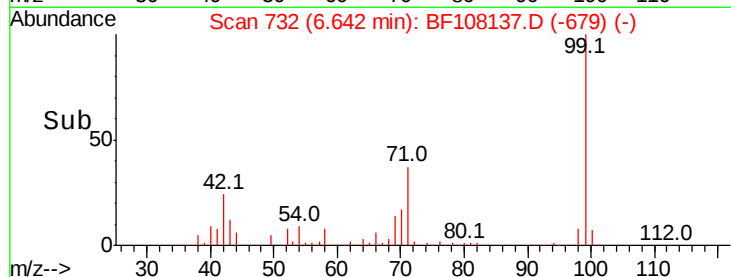
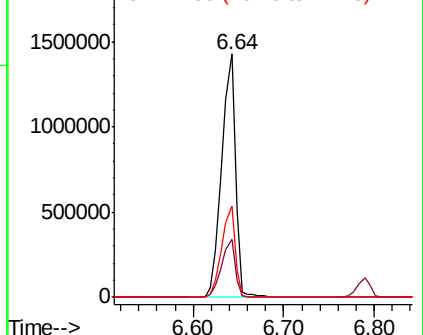
HD-01-080918RE

Tot Ion: 99 Resp: 1488032

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.5	21.7#
71	37.4	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



#10

Phenol

Concen: 3.401 ng

RT: 6.65 min Scan# 734

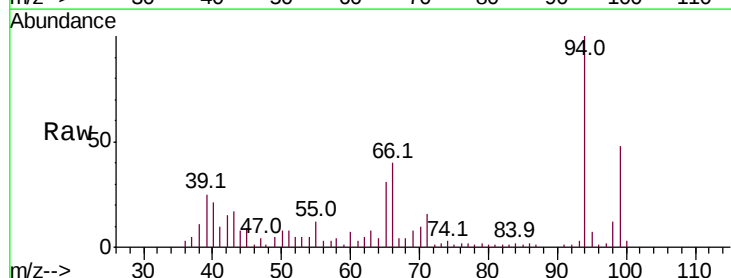
Delta R.T. 0.01 min

Lab File: BF108137.D

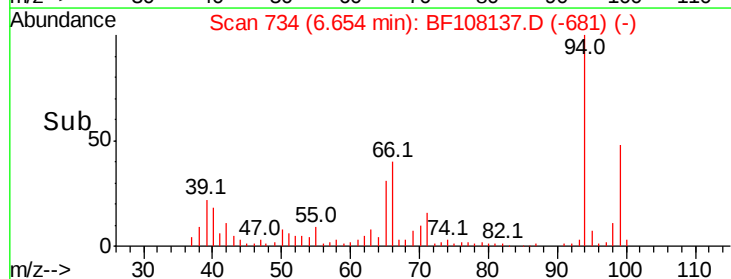
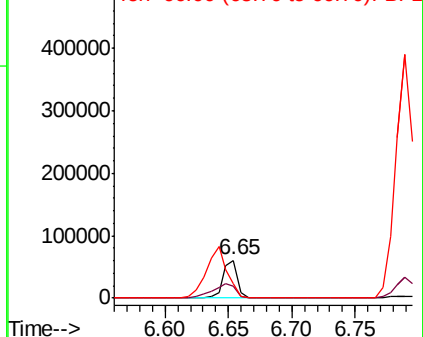
Acq: 14 Aug 2018 11:52

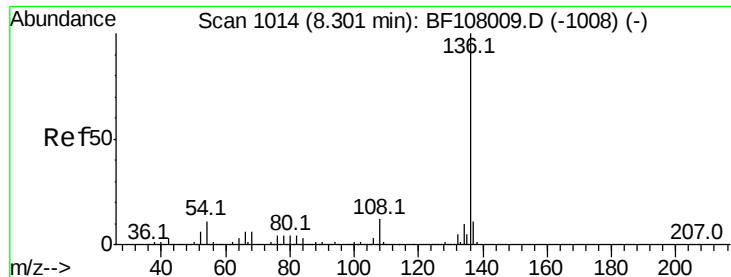
Tgt Ion: 94 Resp: 49209

Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	39.8	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

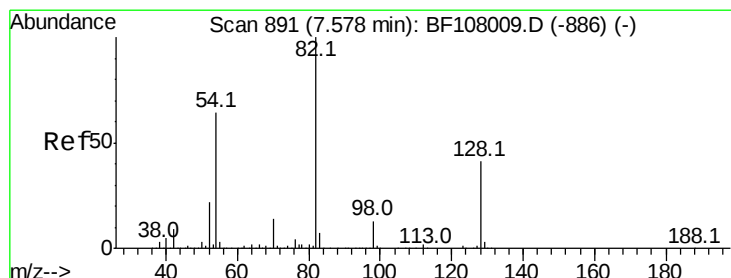
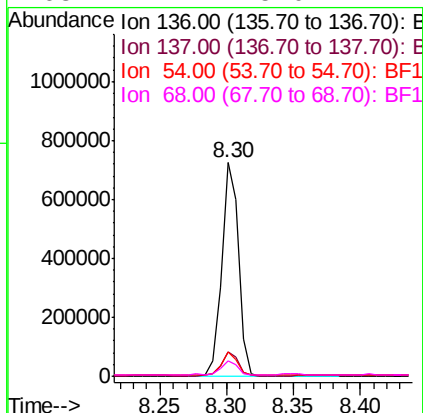
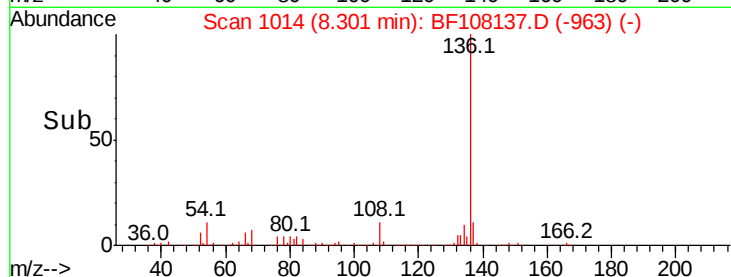
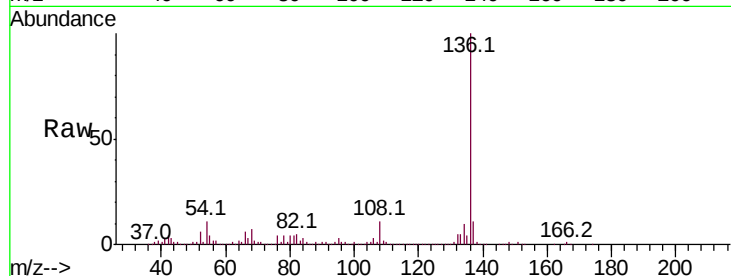




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

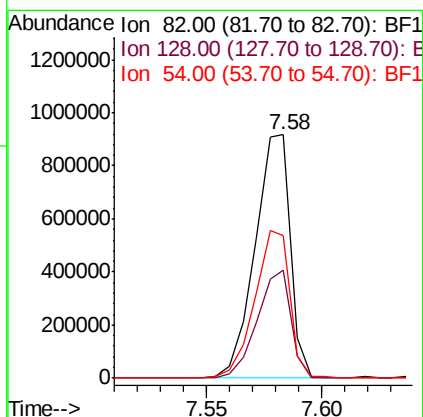
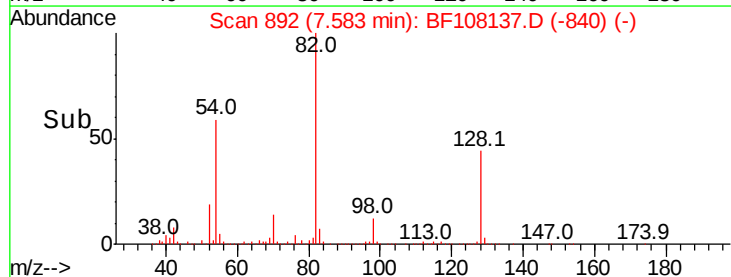
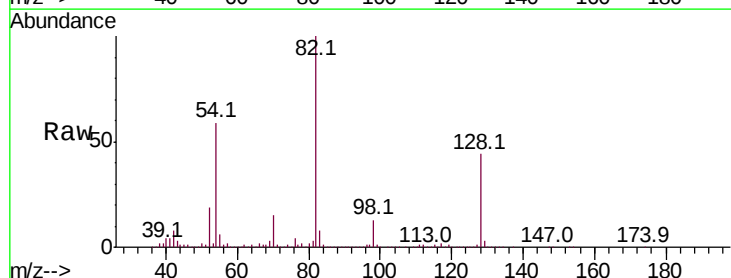
Instrument :
BNA_F
ClientSampleId :
HD-01-080918RE

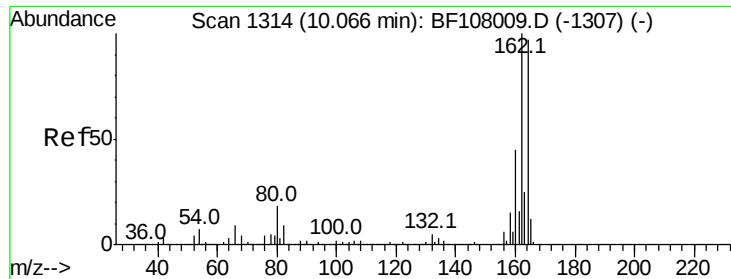
Tot Ion:136	Resp: 643177
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 11.3	6.6 9.8#
68 7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.494 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Tgt Ion: 82	Resp: 973891
Ion Ratio	Lower Upper
82 100	
128 44.1	36.1 54.1
54 58.7	41.4 62.2

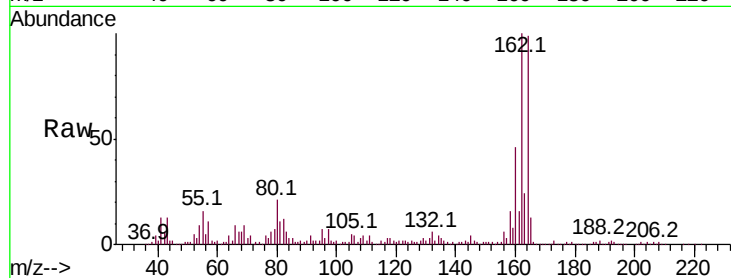




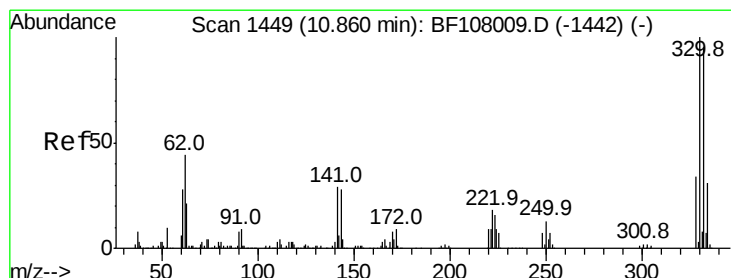
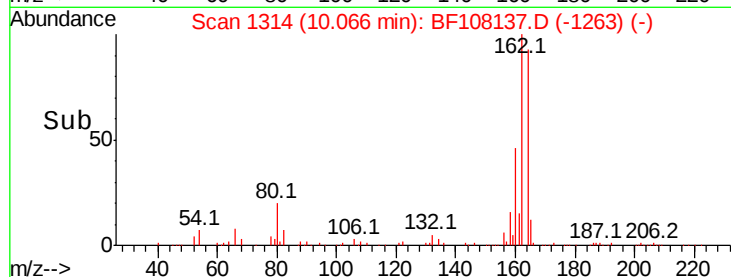
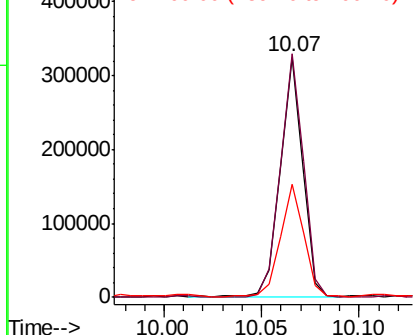
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :
HD-01-080918RE

Tot Ion:164 Resp: 257346
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 46.9 38.3 57.5

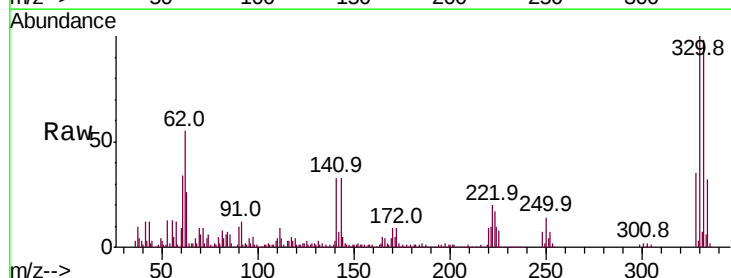


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

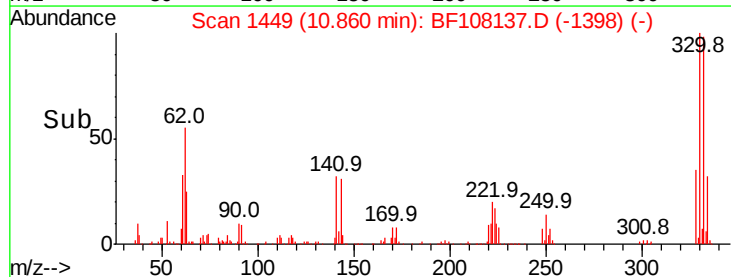
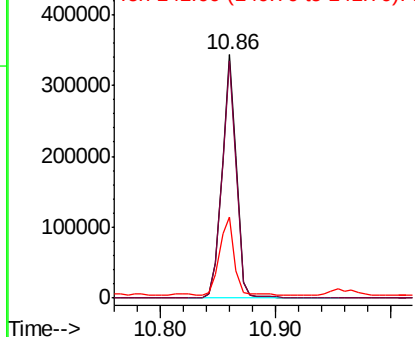


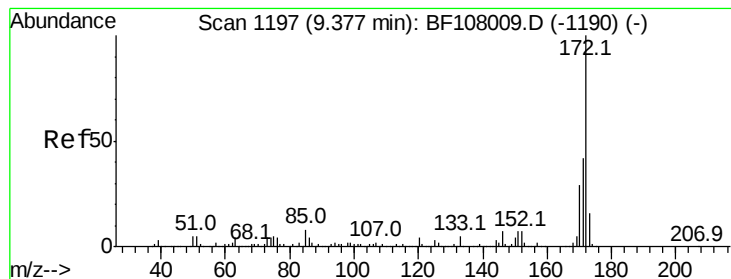
#41
2,4,6-Tribromophenol
Concen: 115.090 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Tgt Ion:330 Resp: 295431
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 33.1 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

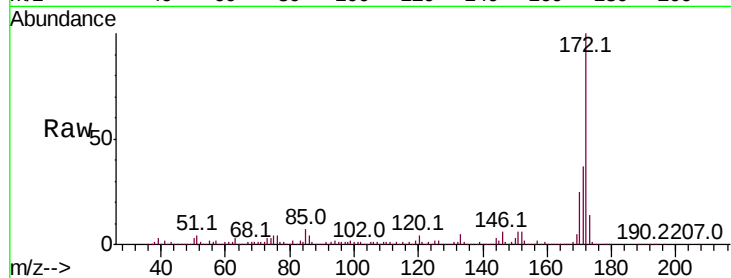




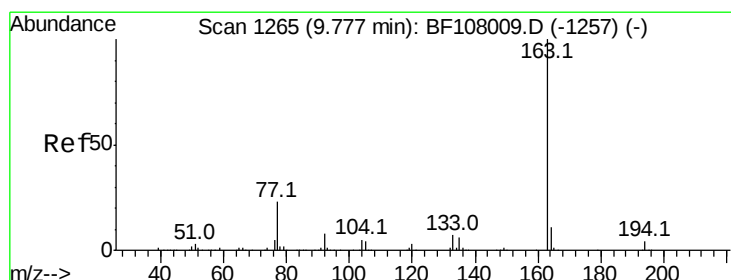
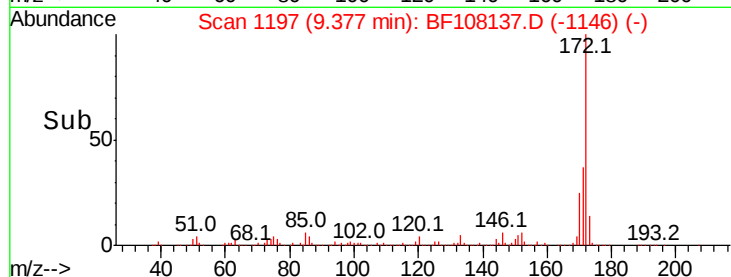
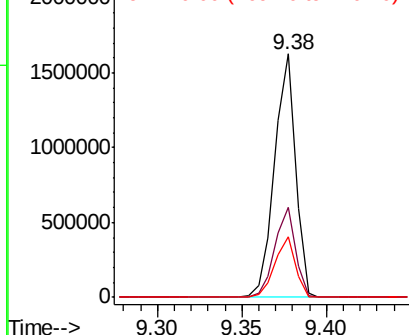
#44
2-Fluorobiphenyl
Concen: 86.139 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:172 Resp: 1380751
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.1 19.6 29.4

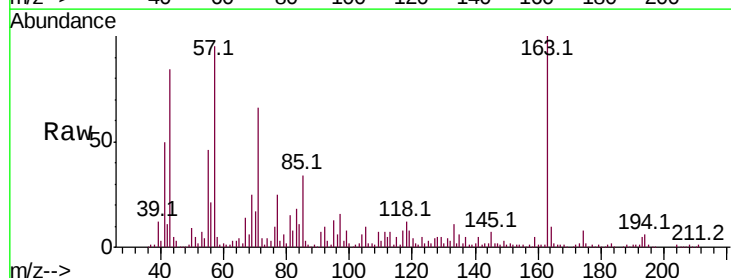


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

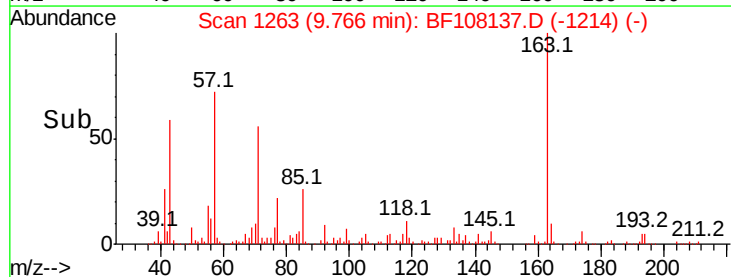
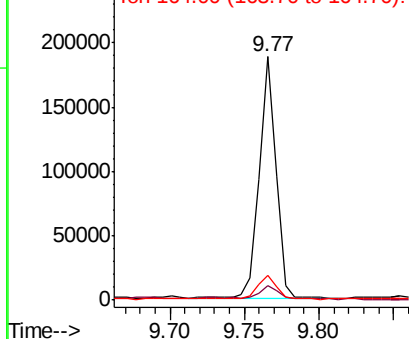


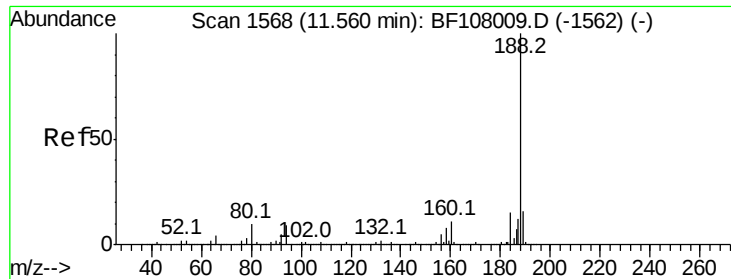
#49
Dimethylphthalate
Concen: 8.069 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108137.D
Acq: 14 Aug 2018 11:52

Tgt Ion:163 Resp: 144652
Ion Ratio Lower Upper
163 100
194 6.1 2.7 4.1#
164 10.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF108137.D

Acq: 14 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

HD-01-080918RE

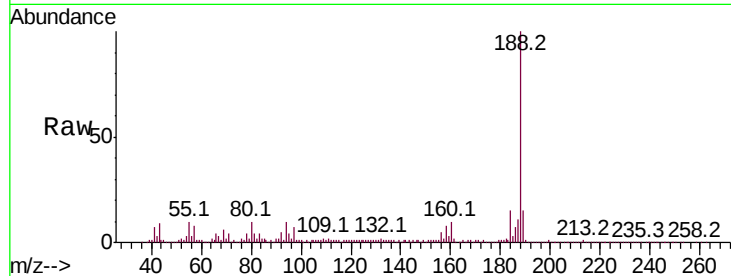
Tot Ion:188 Resp: 446349

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

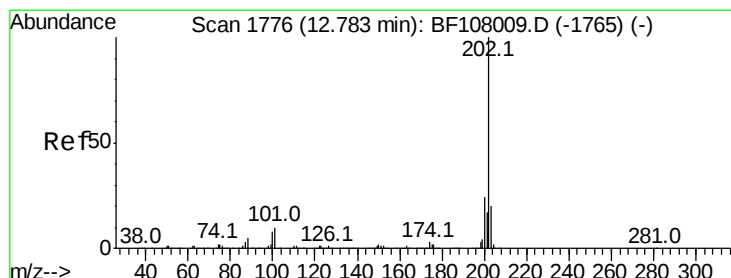
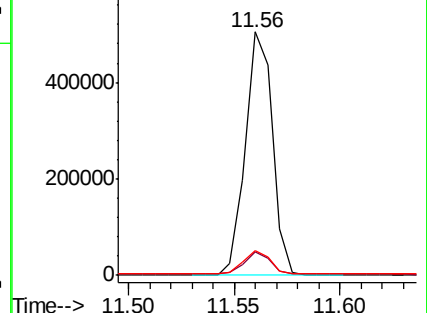
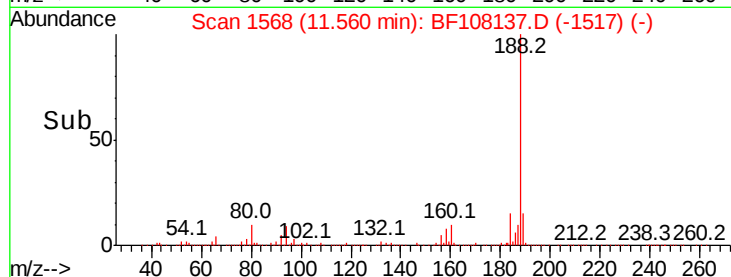
80 10.4 9.2 13.8



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



#74

Fluoranthene

Concen: 2.292 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108137.D

Acq: 14 Aug 2018 11:52

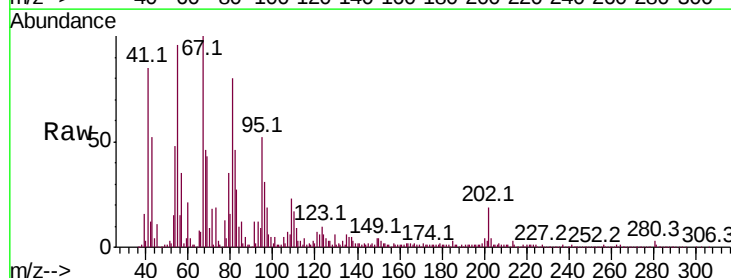
Tgt Ion:202 Resp: 52672

Ion Ratio Lower Upper

202 100

101 24.2 0.0 34.1

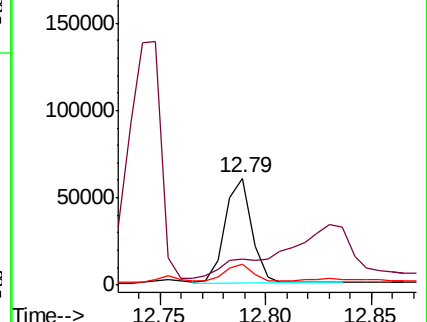
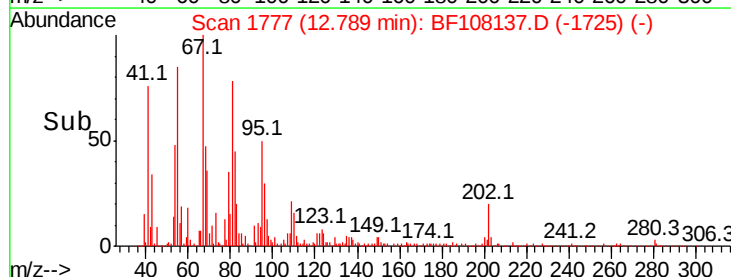
203 20.1 0.0 38.1

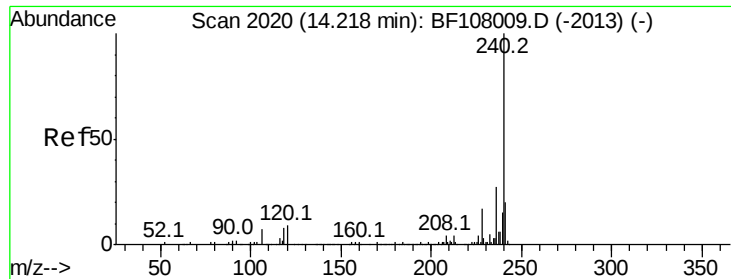


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108137.D

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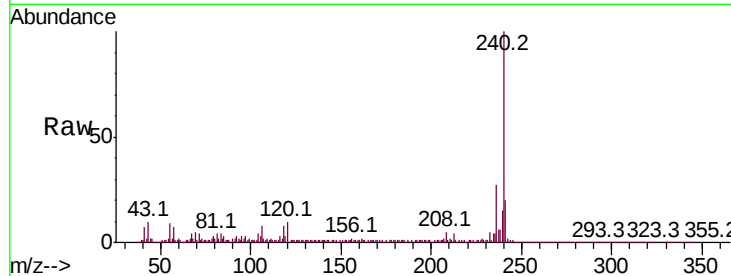
Tot Ion:240 Resp: 418012

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

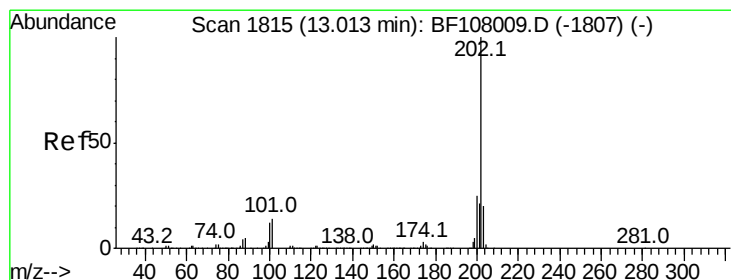
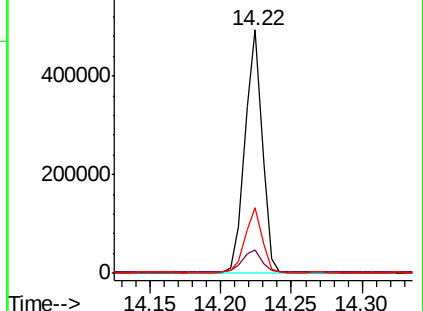
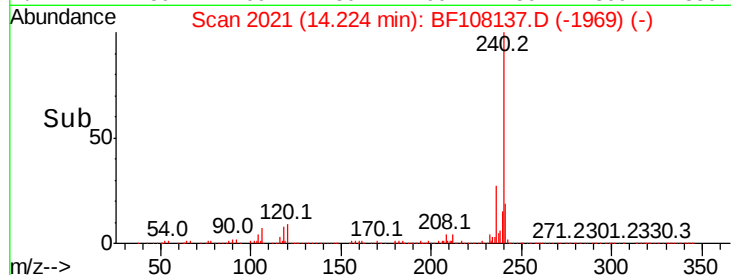
236 27.2 20.7 31.1



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



#77

Pyrene

Concen: 2.466 ng

RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF108137.D

Acq: 14 Aug 2018 11:52

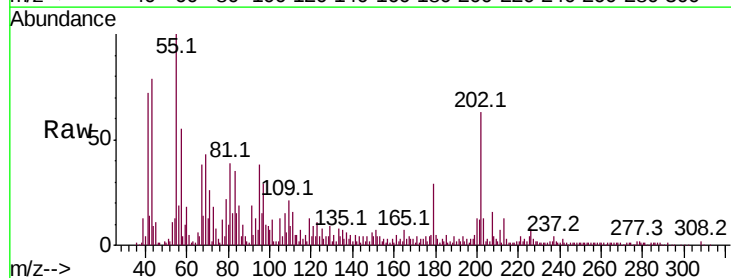
Tgt Ion:202 Resp: 65258

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

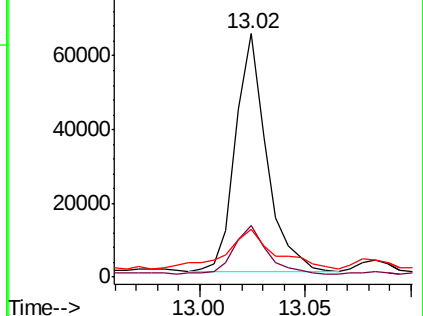
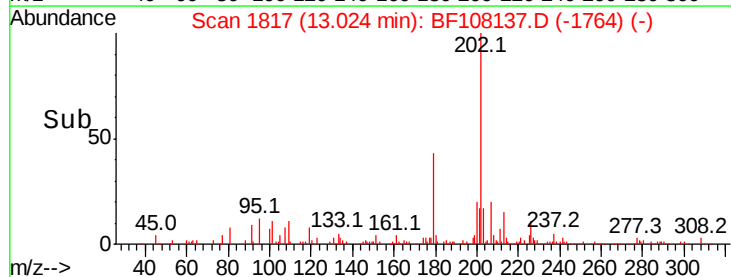
203 19.9 14.3 21.5

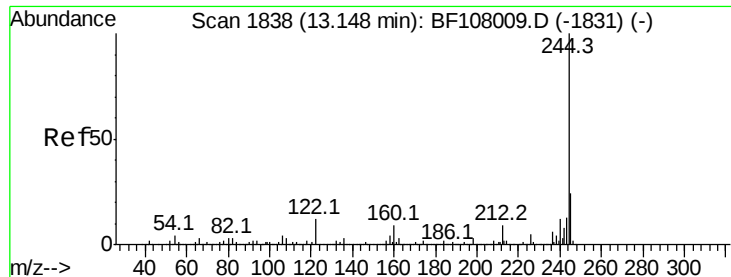


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.548 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108137.D

Acq: 14 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

HD-01-080918RE

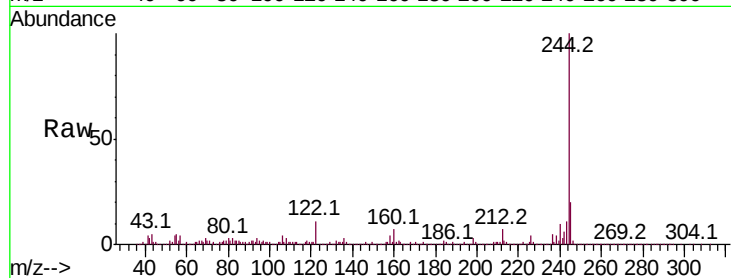
Tot Ion:244 Resp: 1192730

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

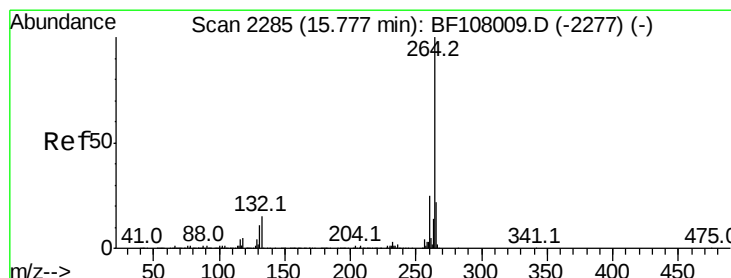
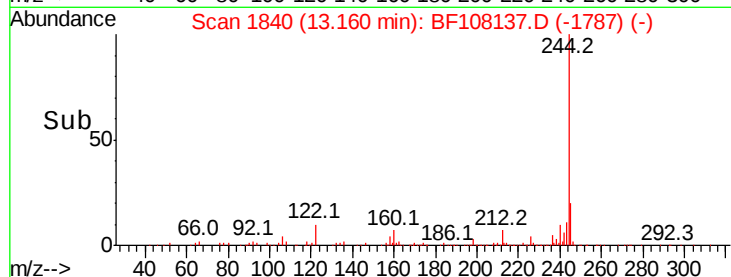
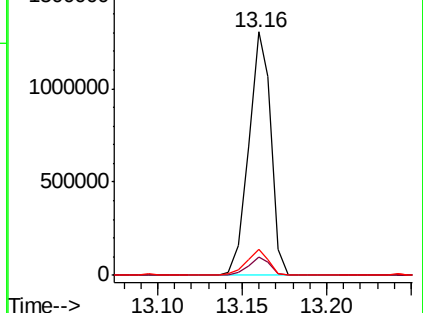
122 10.8 11.0 16.4#



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: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108137.D

Acq: 14 Aug 2018 11:52

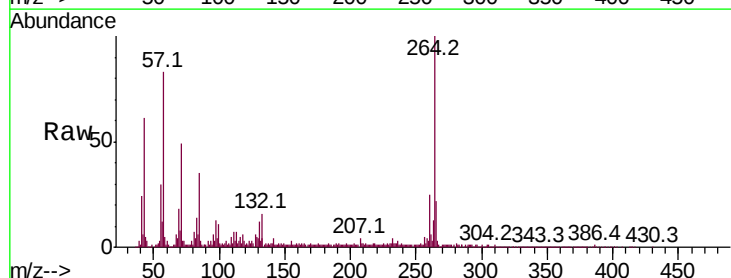
Tgt Ion:264 Resp: 277355

Ion Ratio Lower Upper

264 100

260 25.0 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

