

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108101.D
 Acq On : 10 Aug 2018 23:09
 Operator : JU/SJ
 Sample : J4274-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-080918

Quant Time: Aug 11 00:33:19 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

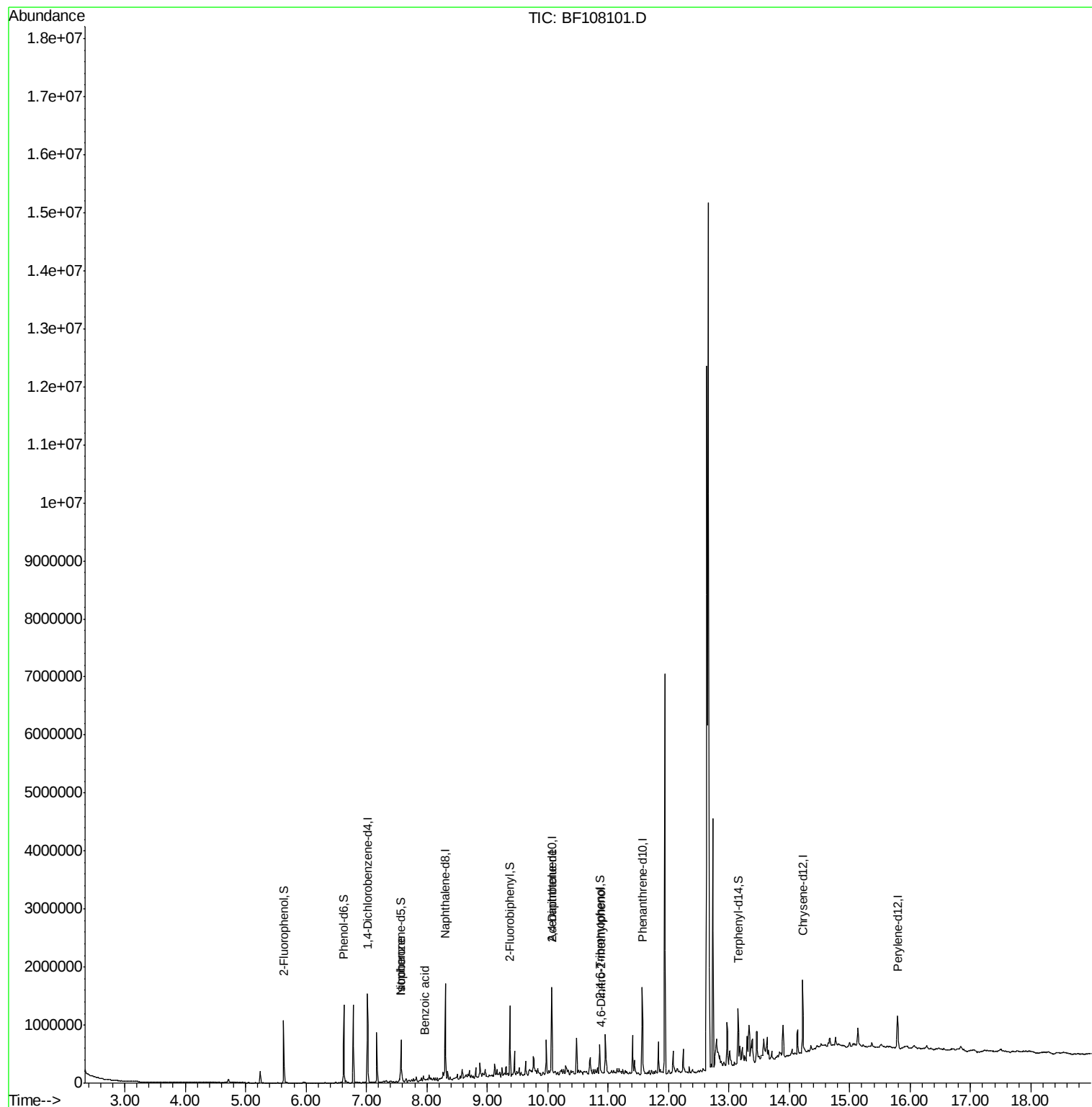
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	202398	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	709424	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	289874	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	507025	20.00	ng	0.00
75) Chrysene-d12	14.22	240	407978	20.00	ng	0.00
86) Perylene-d12	15.79	264	273113	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	270957	24.24	ng	0.00
7) Phenol-d6	6.62	99	357707	24.08	ng	0.00
23) Nitrobenzene-d5	7.58	82	202247	15.91	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	54288	18.78	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	335981	18.61	ng	0.00
78) Terphenyl-d14	13.15	244	282540	17.61	ng	0.00
Target Compounds						
25) Isophorone	7.58	82	199575	8.236	ng	# 65
32) Benzoic acid	7.96	122	106	5.989	ng	# 31
56) 2,4-Dinitrotoluene	10.07	165	44792	8.237	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.89	198	248	5.474	ng	# 1

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

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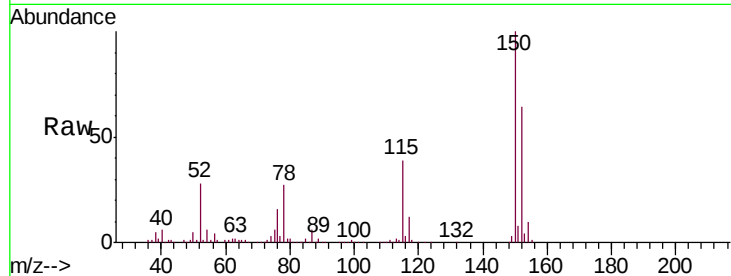


#1

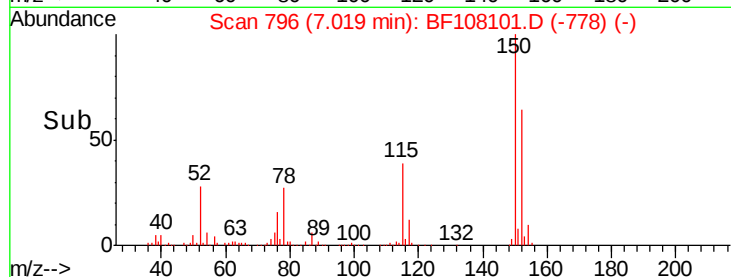
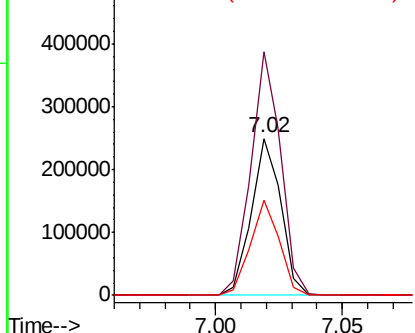
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:152 Resp: 202398
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.8 50.1 75.1



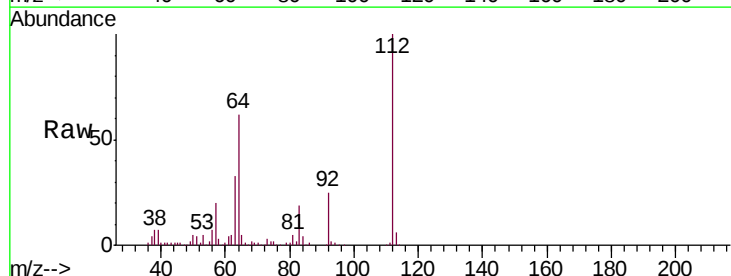
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



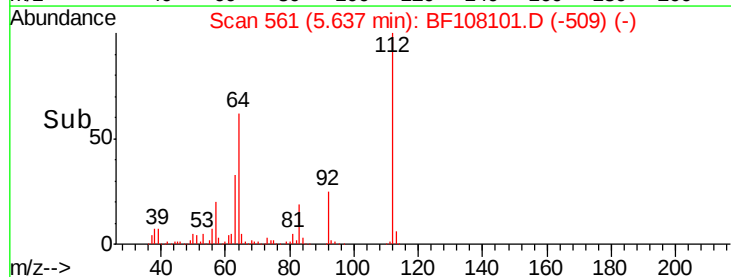
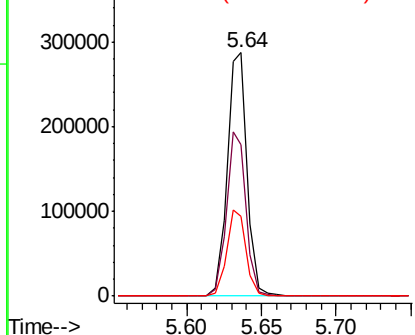
#5

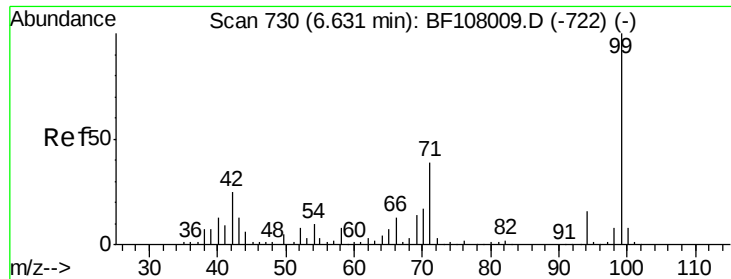
2-Fluorophenol
Concen: 24.237 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:112 Resp: 270957
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 32.6 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: 24.078 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108101.D

Acq: 10 Aug 2018 23:09

Instrument :

BNA_F

ClientSampleId :

HD-01-080918

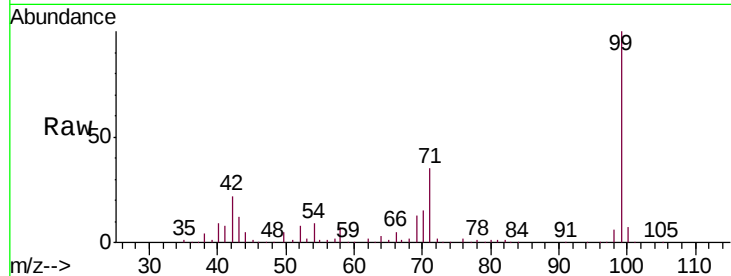
Tgt Ion: 99 Resp: 357707

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

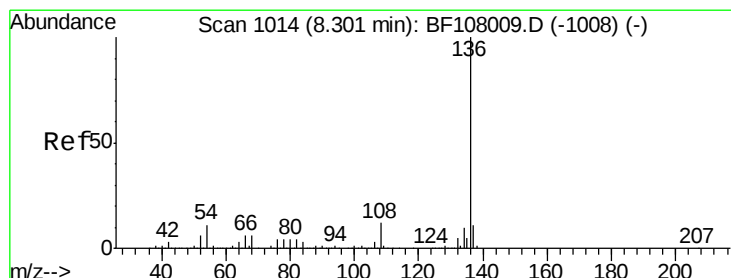
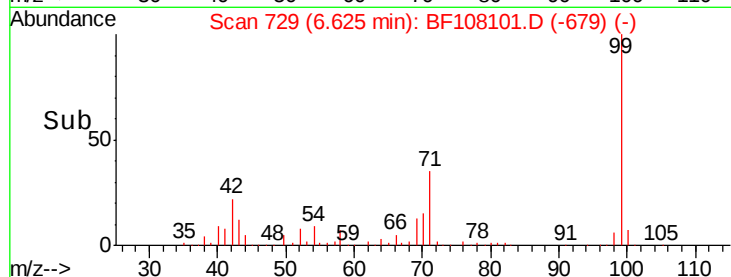
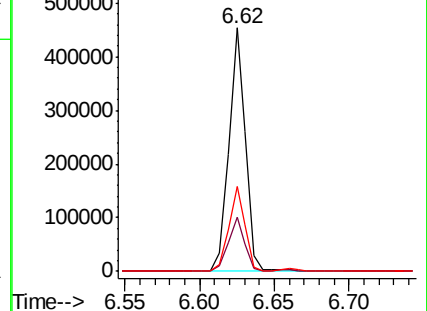
71 34.8 25.4 38.0



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: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108101.D

Acq: 10 Aug 2018 23:09

Tgt Ion: 136 Resp: 709424

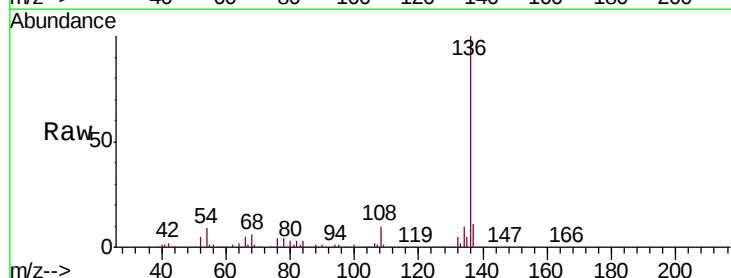
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 5.8 5.0 7.4

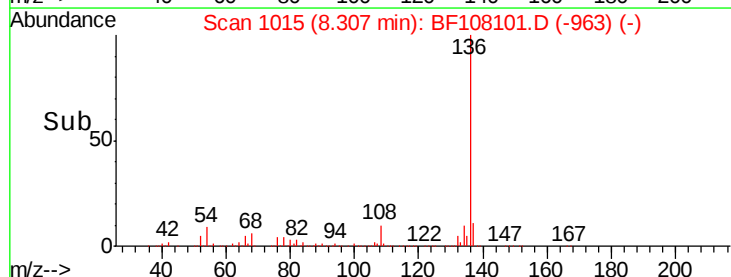
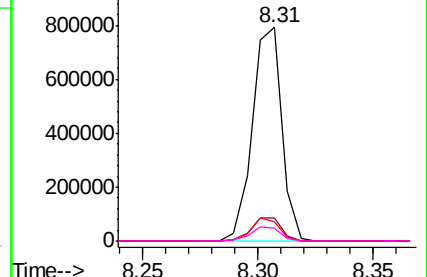


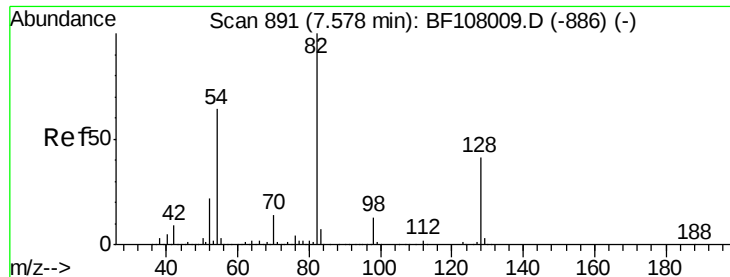
Abundance Ion 136.00 (135.70 to 136.70): E

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

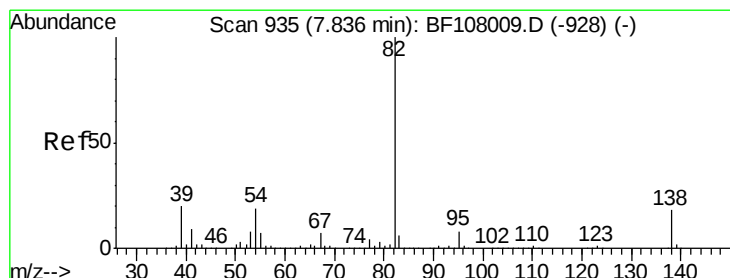
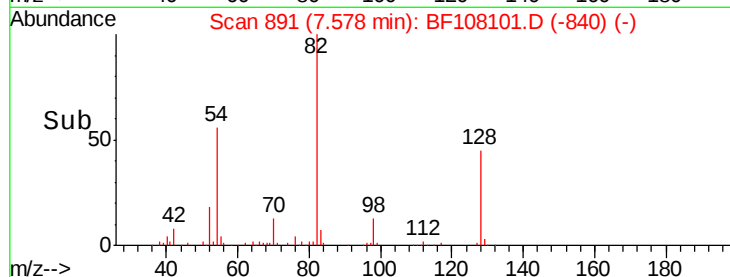
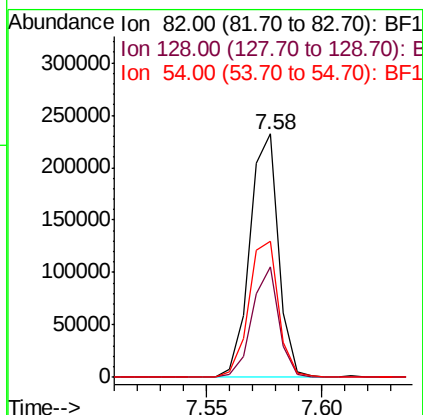
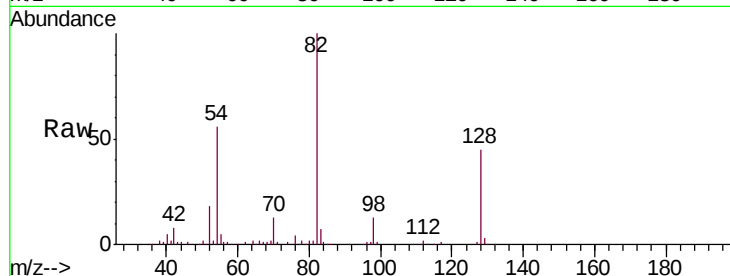




#23
Nitrobenzene-d5
Concen: 15.908 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

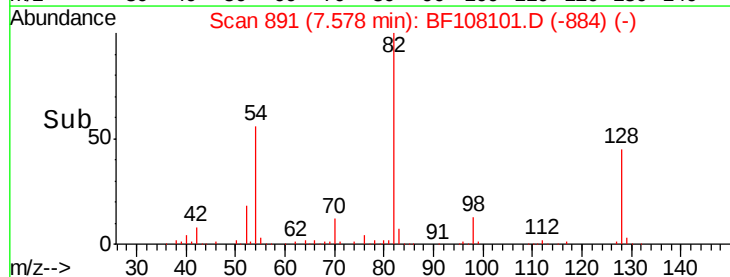
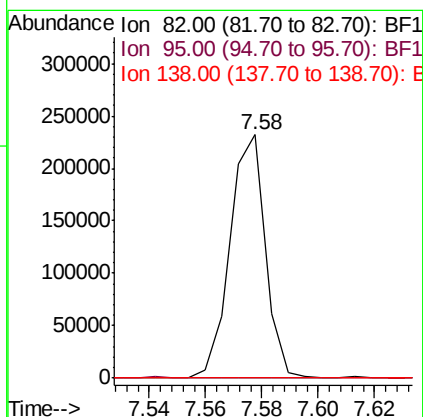
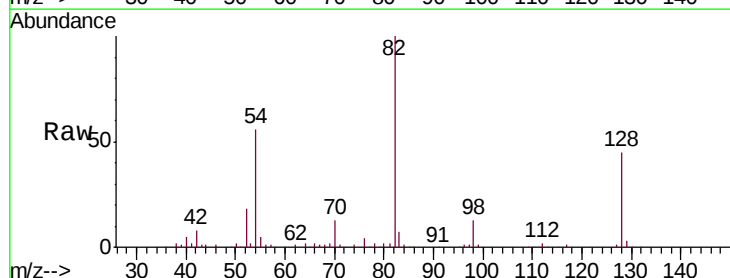
Instrument :
BNA_F
ClientSampleId :
HD-01-080918

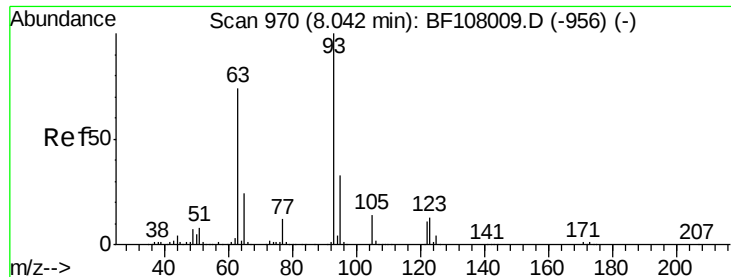
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.7	41.4	62.2



#25
Isophorone
Concen: 8.236 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

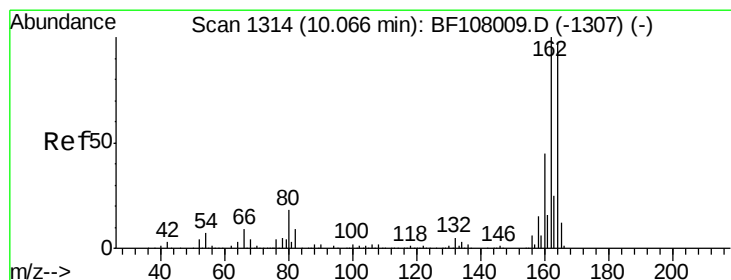
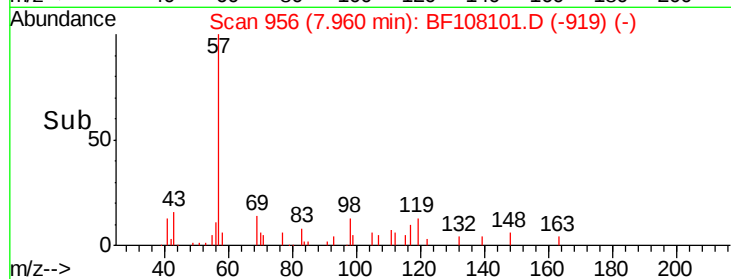
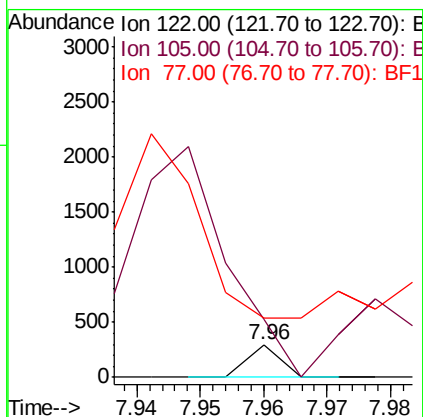
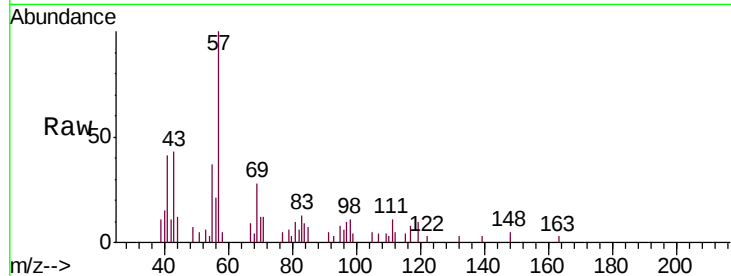




#32
Benzoic acid
Concen: 5.989 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.08 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

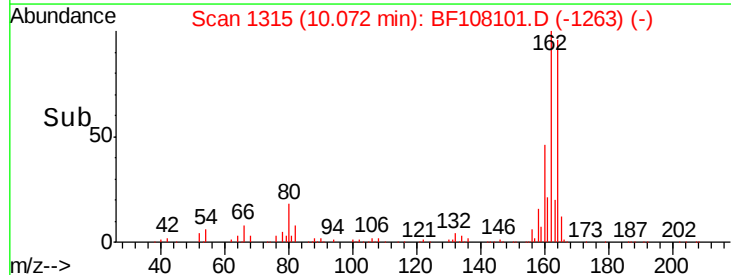
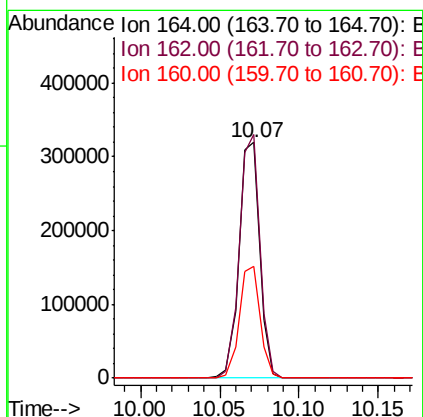
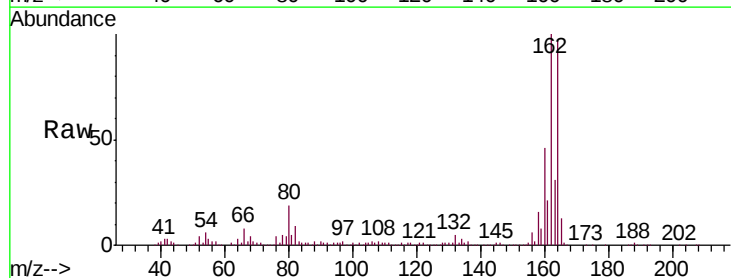
Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 176.0 101.1 141.1#
77 180.7 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:164 Resp: 289874
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 47.3 38.3 57.5

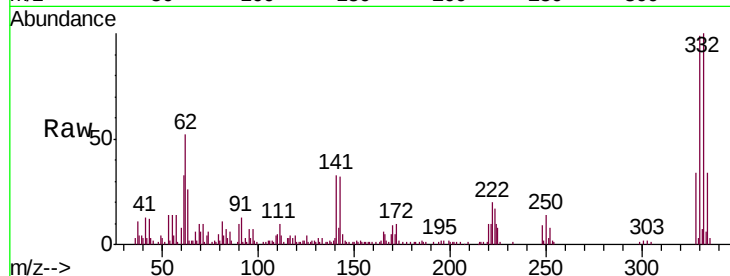




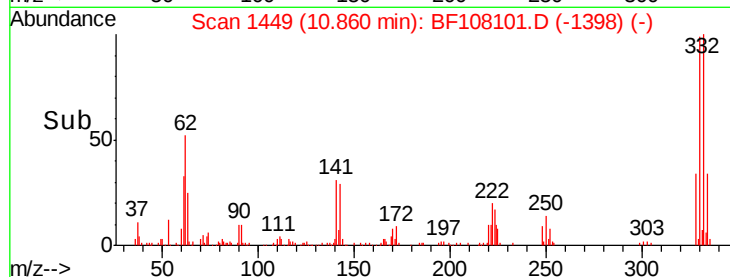
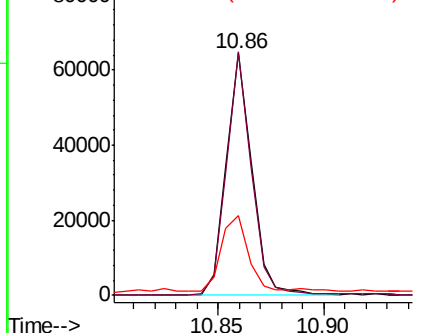
#41
 2,4,6-Tribromophenol
 Concen: 18.776 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108101.D
 Acq: 10 Aug 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-080918

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	35.3	29.9	44.9

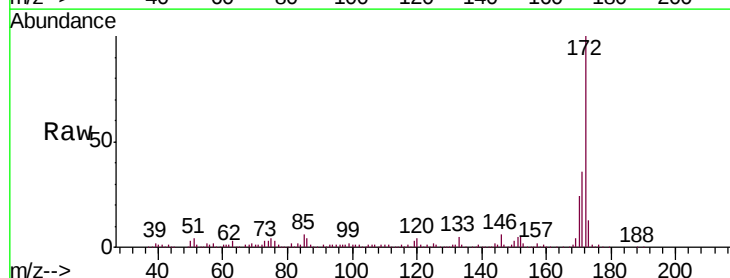


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

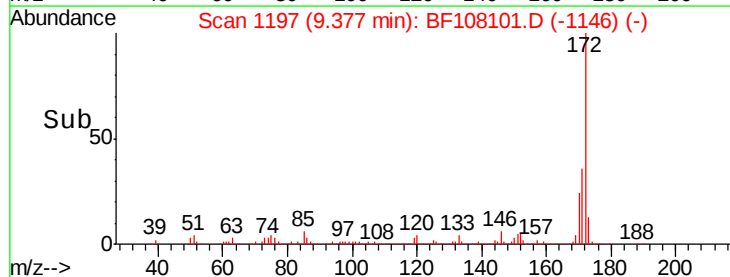
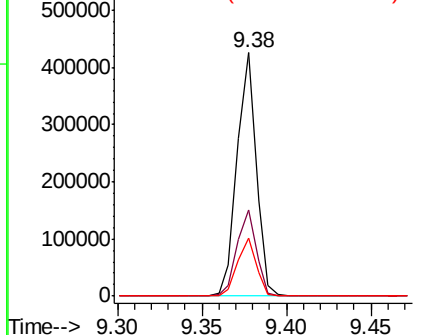


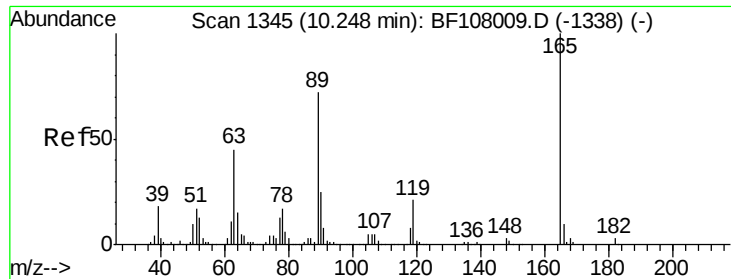
#44
 2-Fluorobiphenyl
 Concen: 18.608 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108101.D
 Acq: 10 Aug 2018 23:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	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

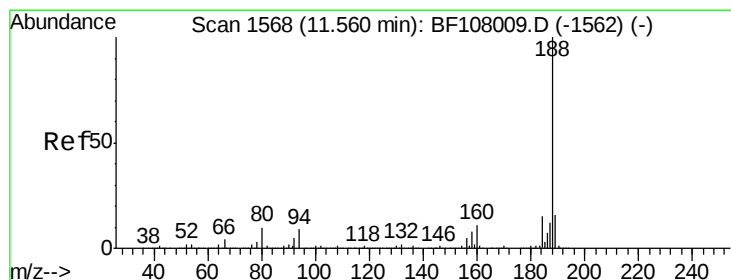
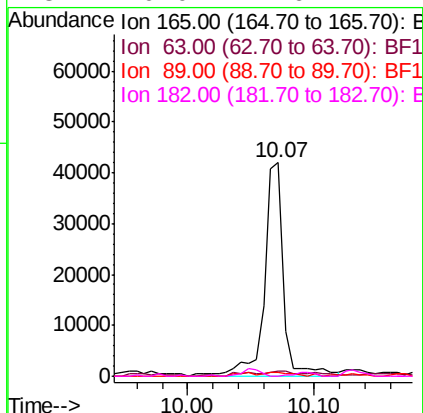
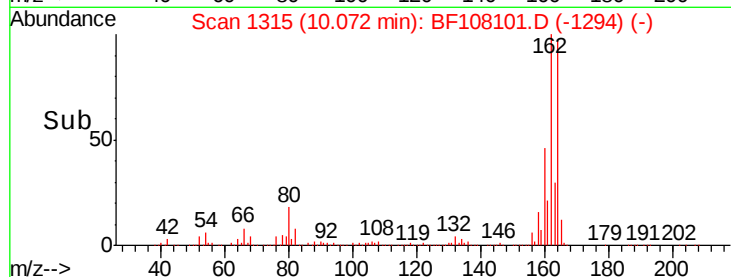
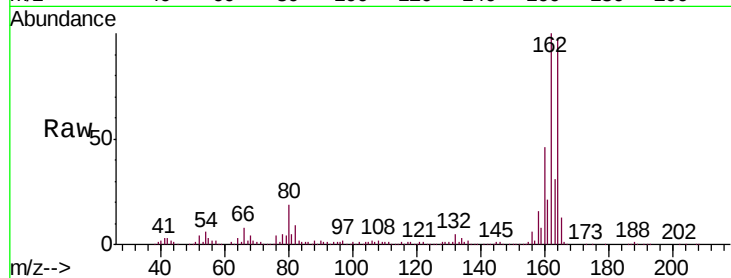




#56
2,4-Dinitrotoluene
Concen: 8.237 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

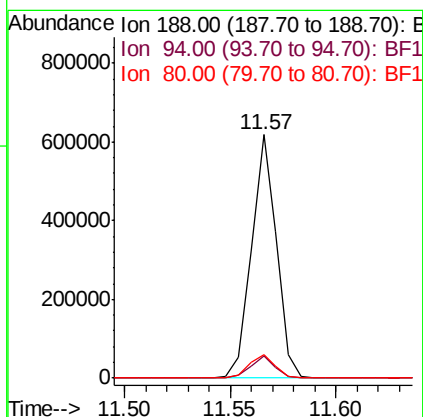
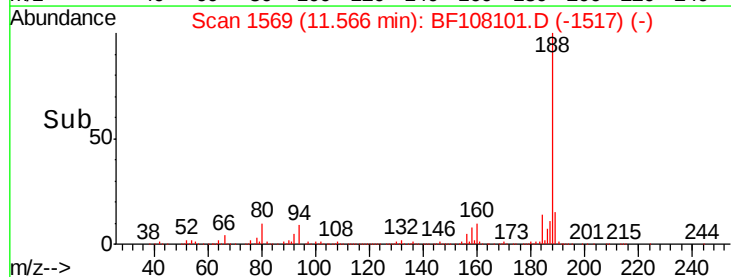
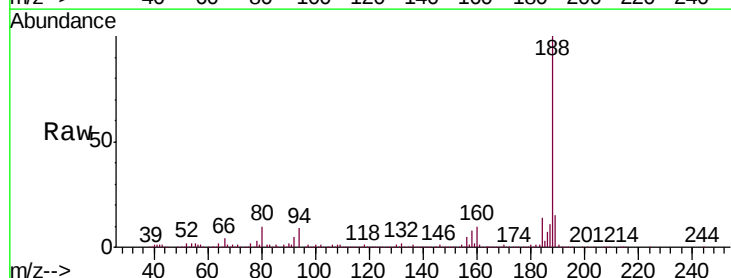
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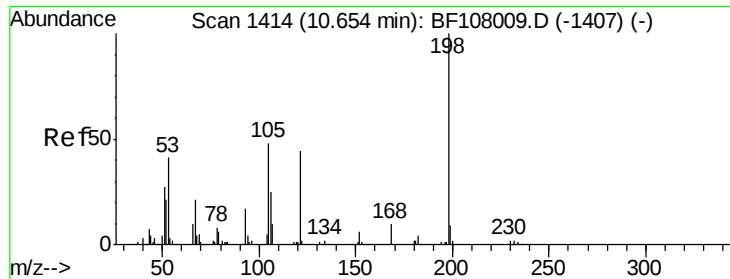
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8

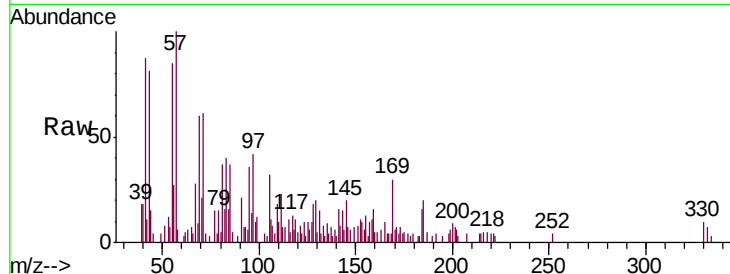




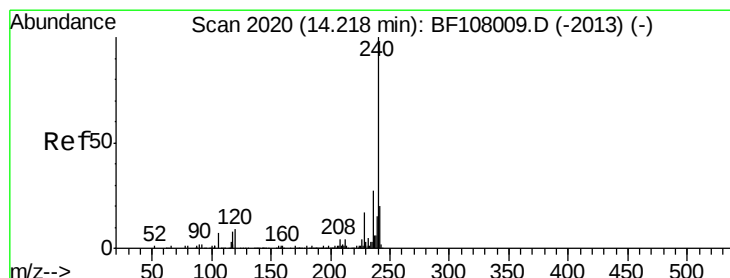
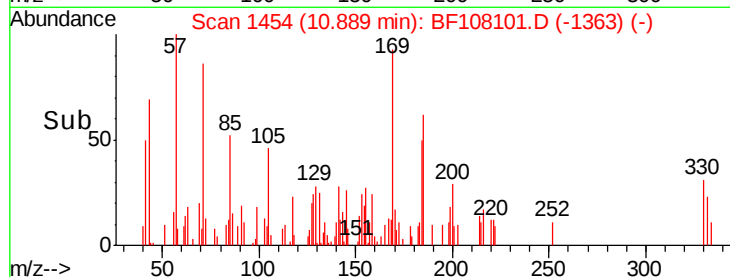
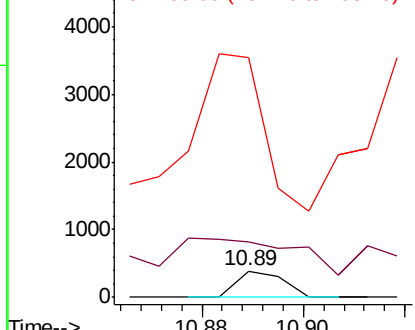
#64
4,6-Dinitro-2-methylphenol
Concen: 5.474 ng
RT: 10.89 min Scan# 1454
Delta R.T. 0.24 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Instrument :
BNA_F
ClientSampleId :
HD-01-080918

Tgt Ion:198 Resp: 248
Ion Ratio Lower Upper
198 100
51 211.8 37.7 77.7#
105 905.4 36.3 76.3#

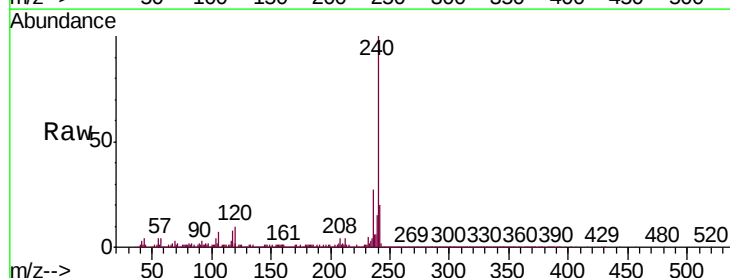


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

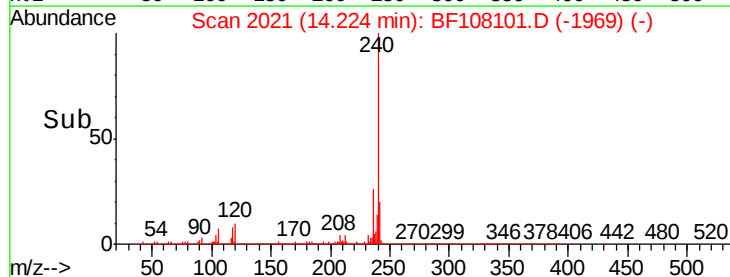
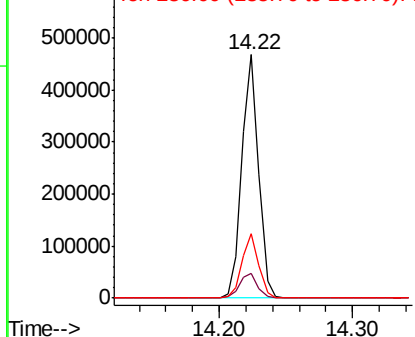


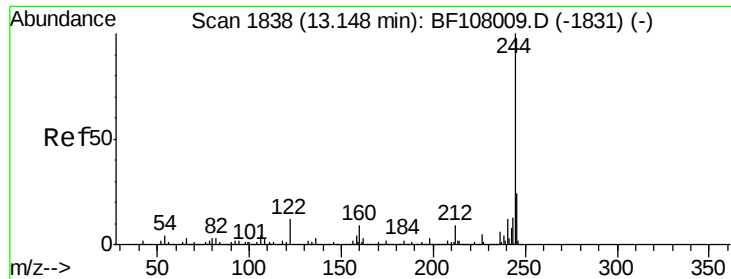
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108101.D
Acq: 10 Aug 2018 23:09

Tgt Ion:240 Resp: 407978
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.6 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: 17.608 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108101.D

Acq: 10 Aug 2018 23:09

Instrument :

BNA_F

ClientSampleId :

HD-01-080918

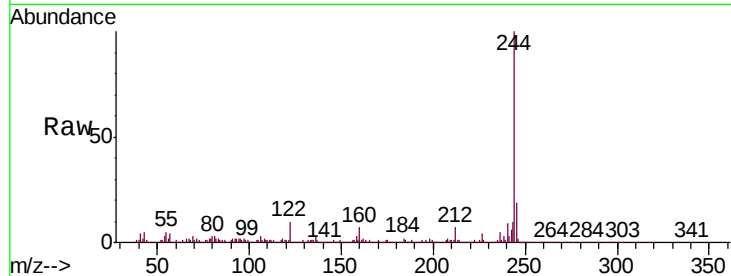
Tgt Ion:244 Resp: 282540

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

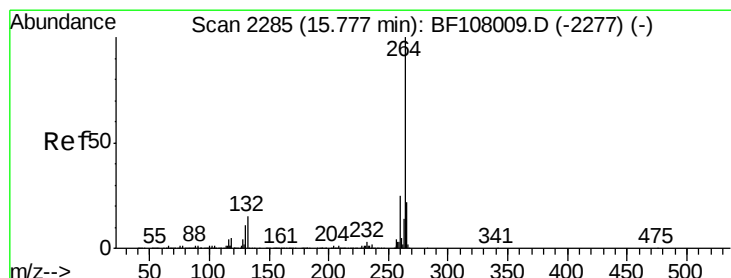
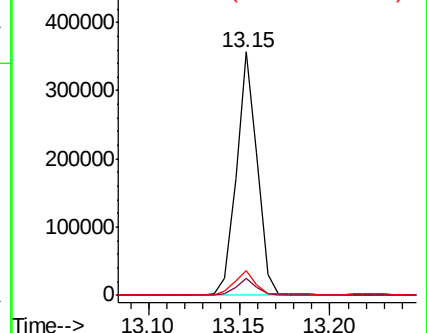
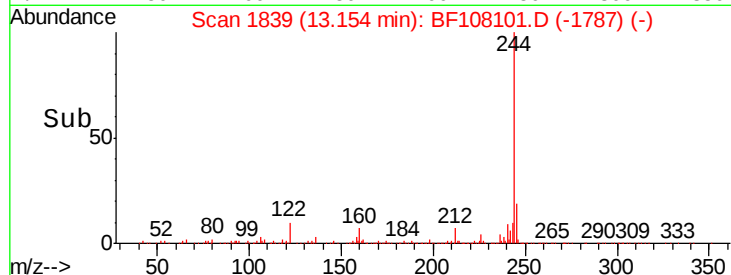
122 9.9 11.0 16.4#



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# 2288

Delta R.T. 0.02 min

Lab File: BF108101.D

Acq: 10 Aug 2018 23:09

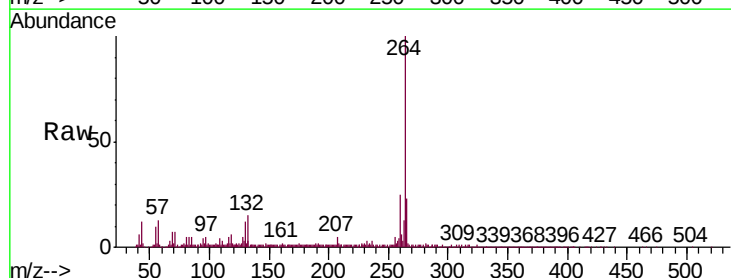
Tgt Ion:264 Resp: 273113

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.5 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

