

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108179.D
 Acq On : 15 Aug 2018 21:34
 Operator : JU/SJ
 Sample : J4460-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Quant Time: Aug 16 01:52:38 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

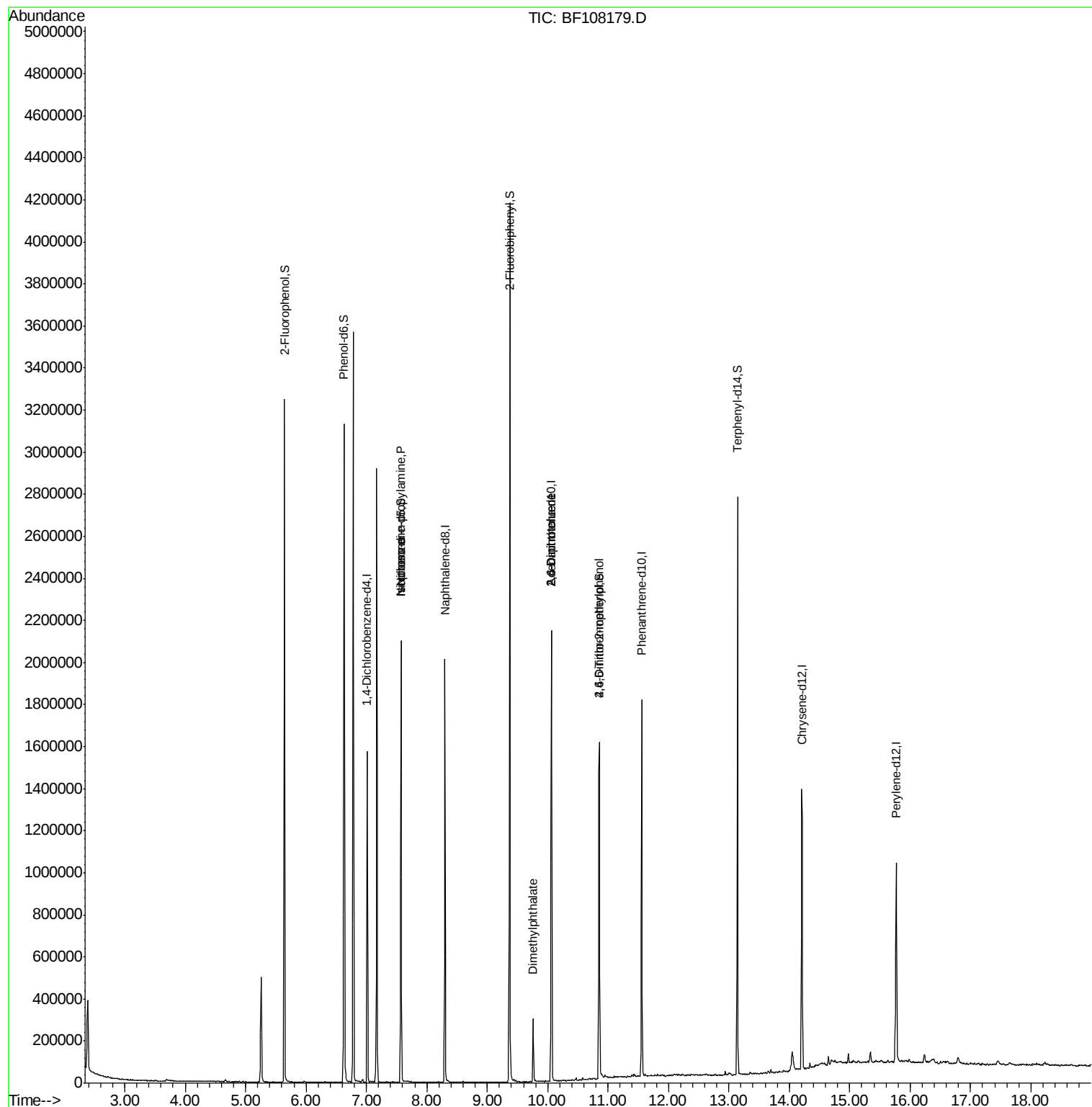
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	224561	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	861580	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	415482	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	662219	20.00	ng	0.00
75) Chrysene-d12	14.21	240	475887	20.00	ng	-0.01
86) Perylene-d12	15.77	264	476508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	784328	63.23	ng	0.01
7) Phenol-d6	6.63	99	1056759	64.11	ng	0.00
23) Nitrobenzene-d5	7.58	82	689122	44.63	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	195751	47.23	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1233998	47.68	ng	0.00
78) Terphenyl-d14	13.14	244	860510	45.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	92157	8.268	ng	# 82
25) Isophorone	7.58	82	686359	23.322	ng	# 64
49) Dimethylphthalate	9.76	163	121086	4.184	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	53657	8.861	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	53657	6.884	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	334	5.478	ng	# 1

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

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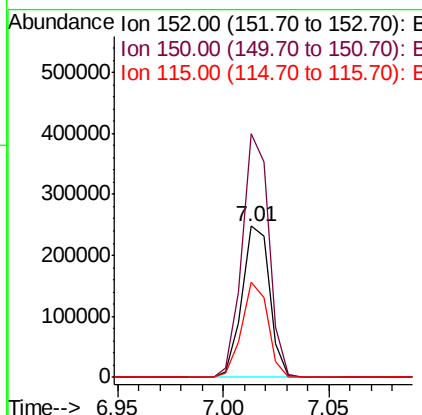
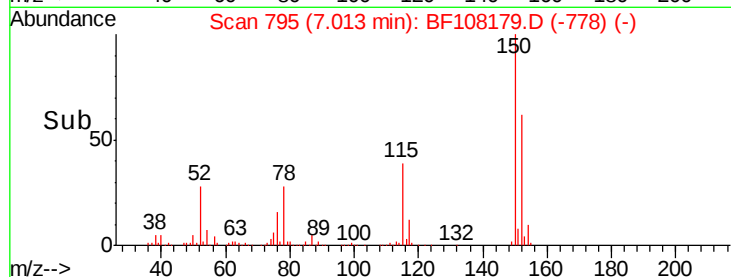
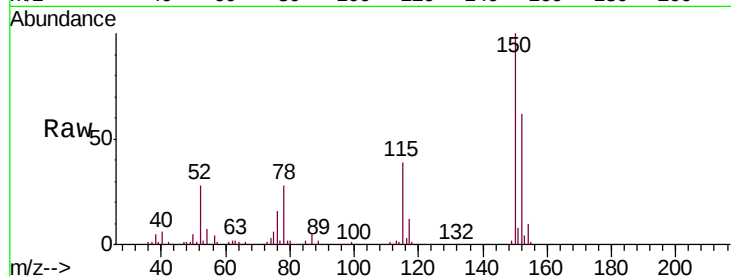


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

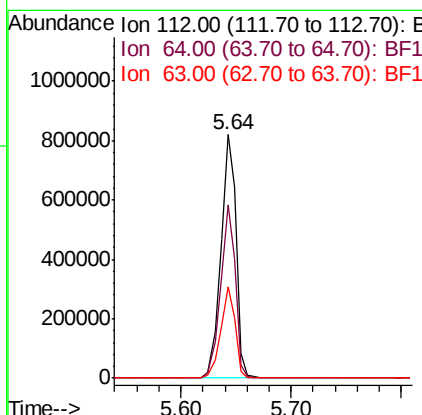
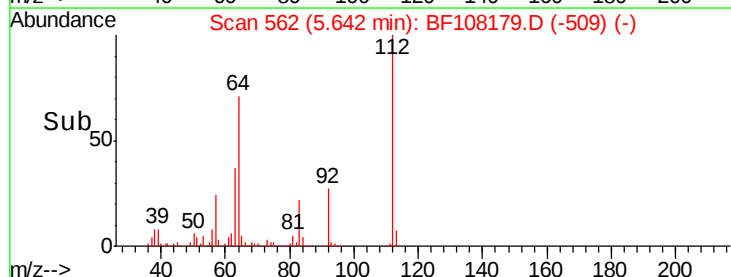
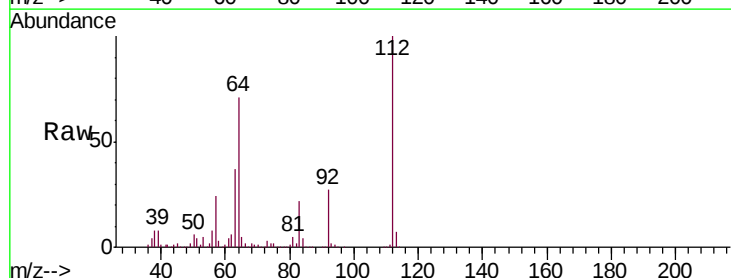
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	62.9	50.1	75.1



#5

2-Fluorophenol
Concen: 63.234 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	47.9	71.9
63	37.5	23.7	35.5#





#7

Phenol-d6

Concen: 64.113 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

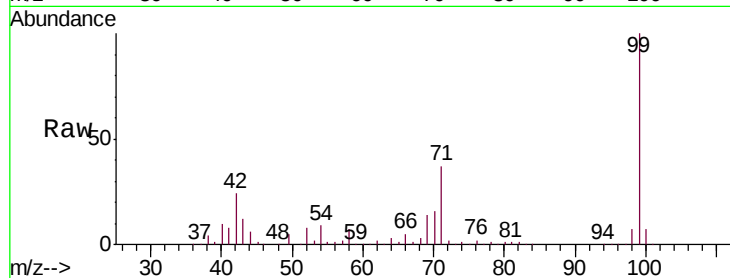
Tgt Ion: 99 Resp: 1056759

Ion Ratio Lower Upper

99 100

42 24.1 14.5 21.7#

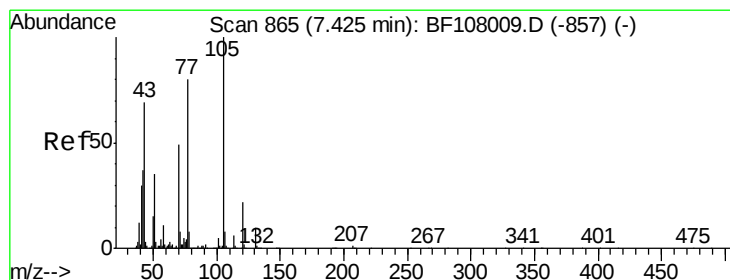
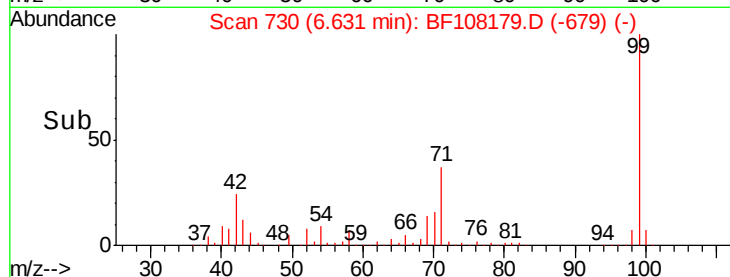
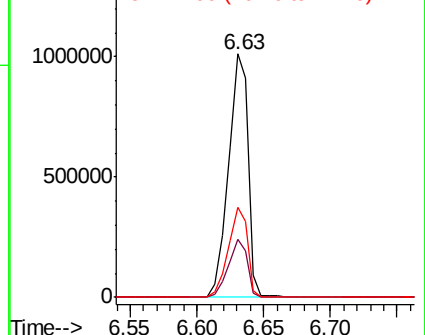
71 37.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.268 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Tgt Ion: 70 Resp: 92157

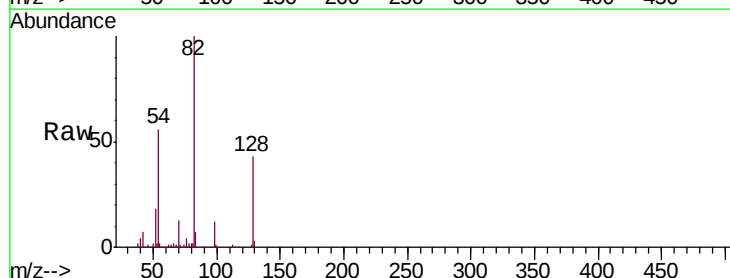
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

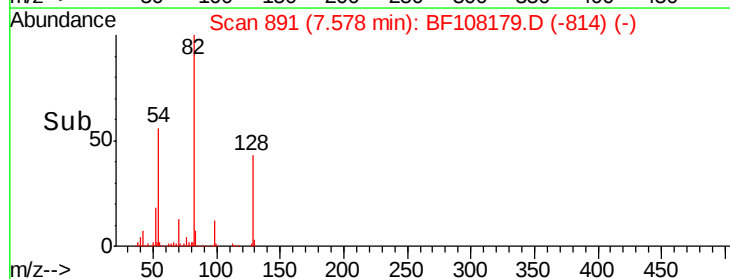
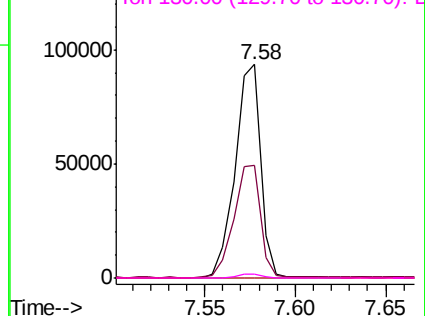


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

Tgt Ion: 136 Resp: 861580

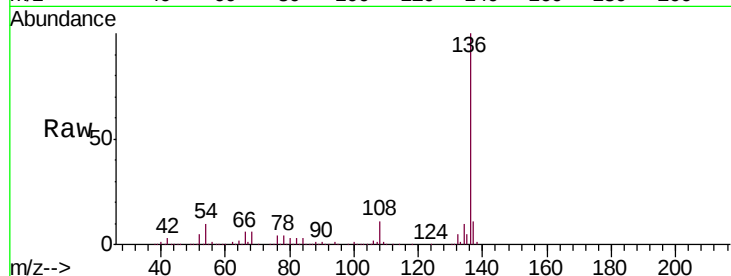
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.6 6.6 9.8

68 5.8 5.0 7.4

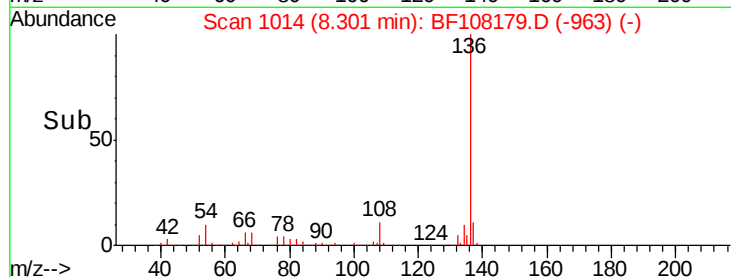


Abundance Ion 136.00 (135.70 to 136.70): E

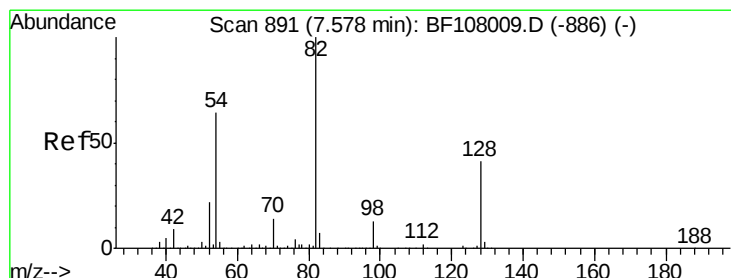
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.20 8.30 8.40



#23

Nitrobenzene-d5

Concen: 44.632 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

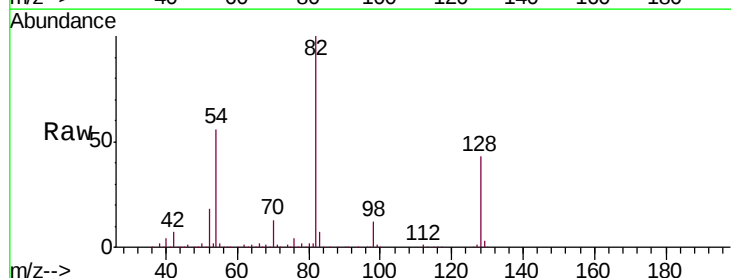
Tgt Ion: 82 Resp: 689122

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

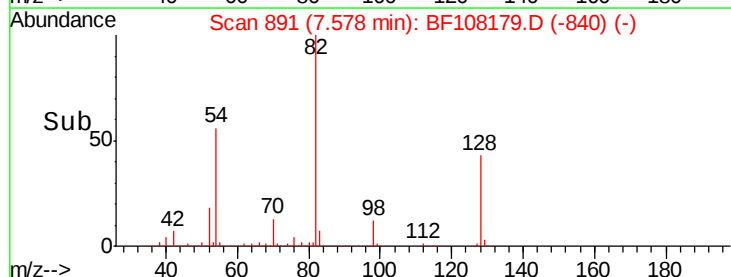
54 56.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time--> 7.50 7.55 7.60 7.65



#25

Isophorone

Concen: 23.322 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

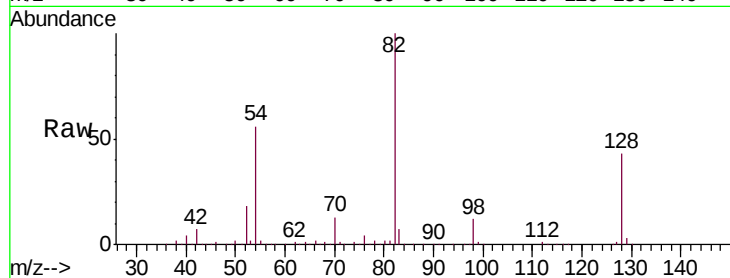
Tgt Ion: 82 Resp: 686359

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

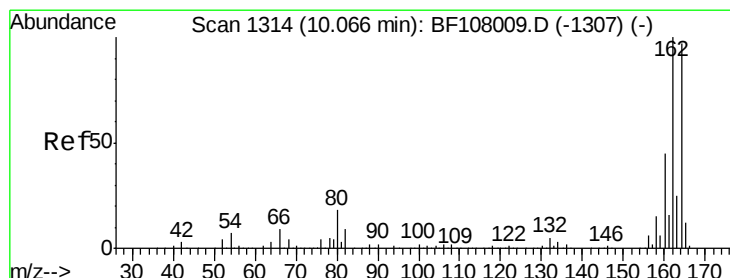
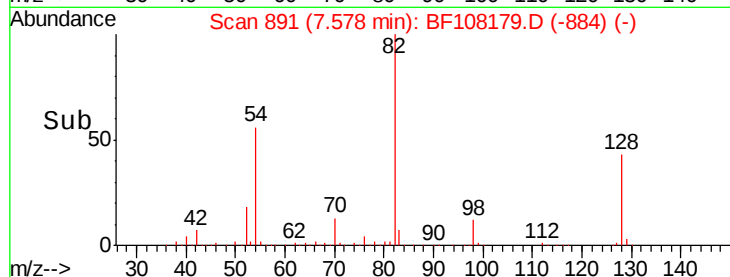
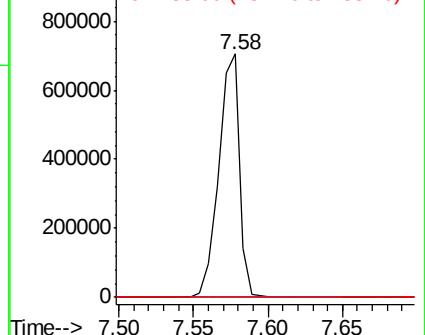
138 0.0 14.9 22.3#



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: BF108179.D

Acq: 15 Aug 2018 21:34

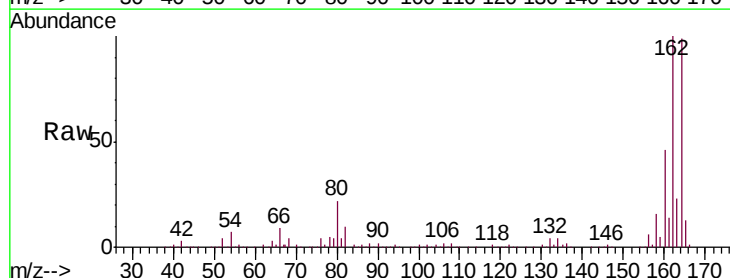
Tgt Ion: 164 Resp: 415482

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

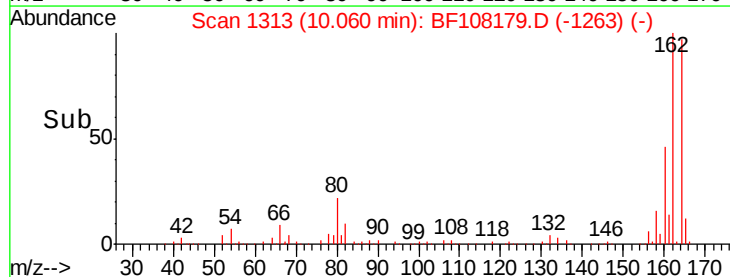
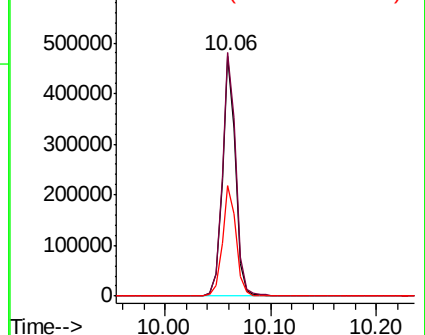
160 46.2 38.3 57.5



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

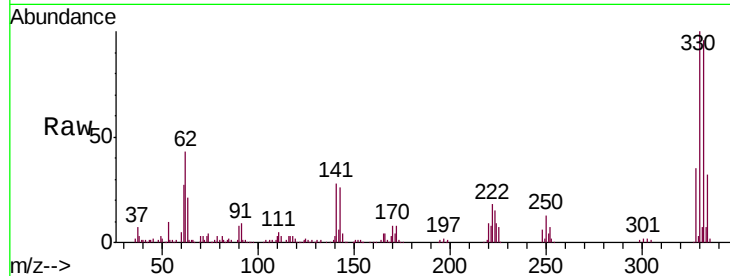




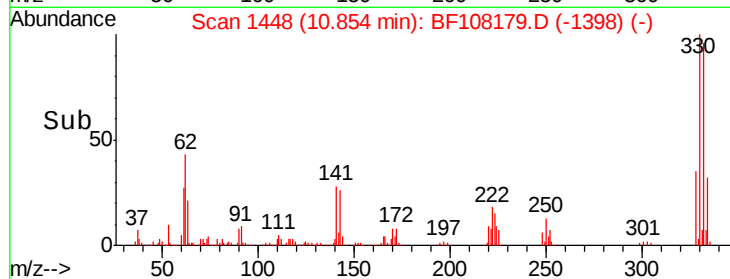
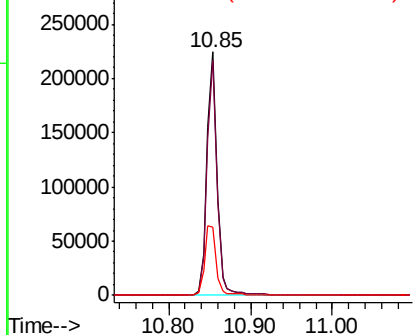
#41
 2,4,6-Tribromophenol
 Concen: 47.233 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Tgt Ion:330 Resp: 195751
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.4 29.9 44.9

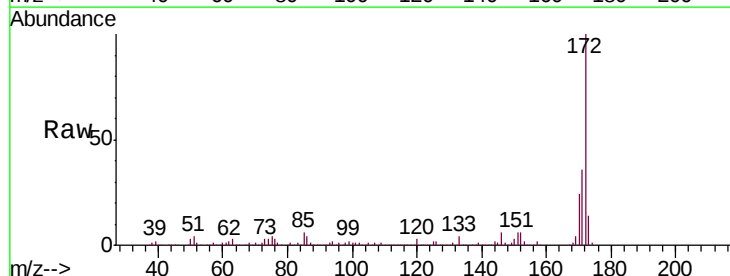


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

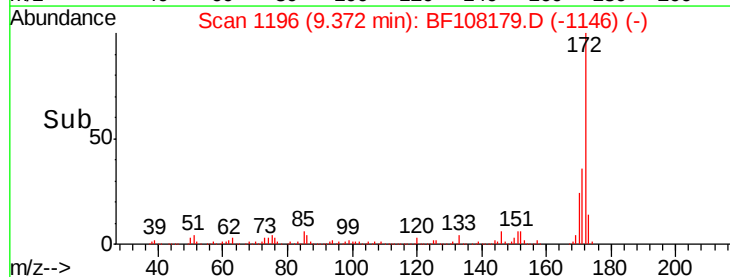
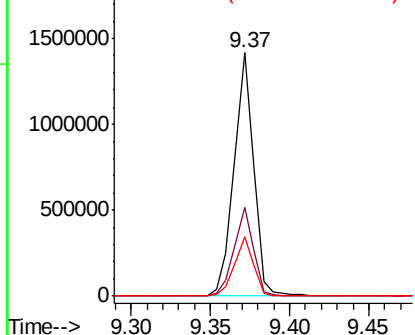


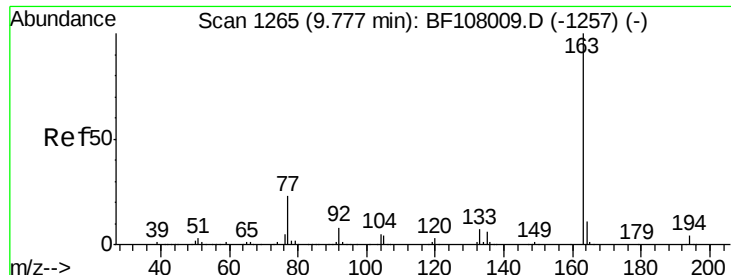
#44
 2-Fluorobiphenyl
 Concen: 47.683 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Tgt Ion:172 Resp: 1233998
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 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

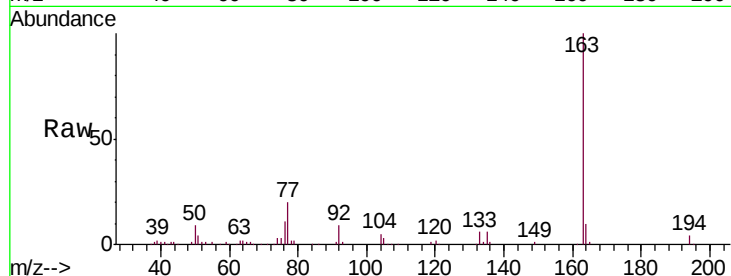




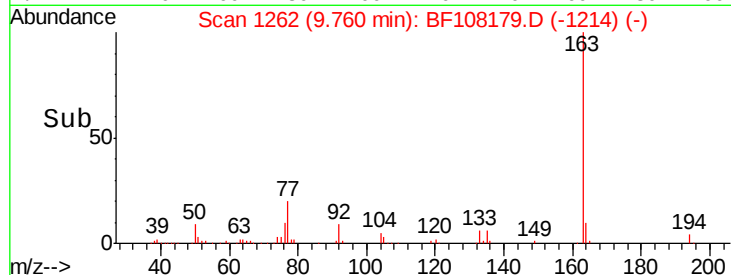
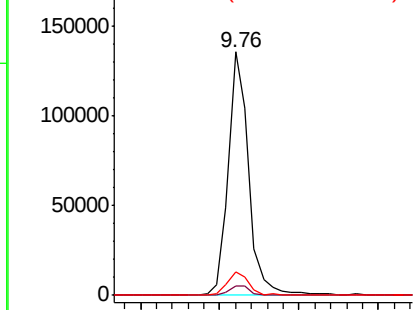
#49
Dimethylphthalate
Concen: 4.184 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2

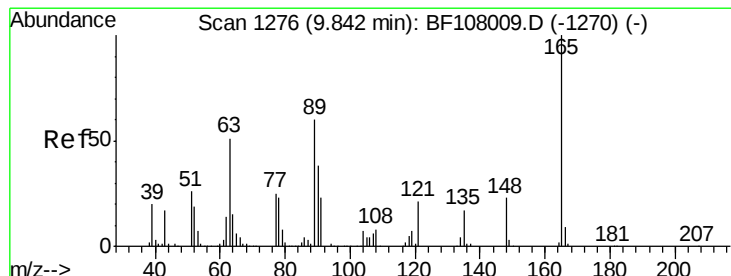


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

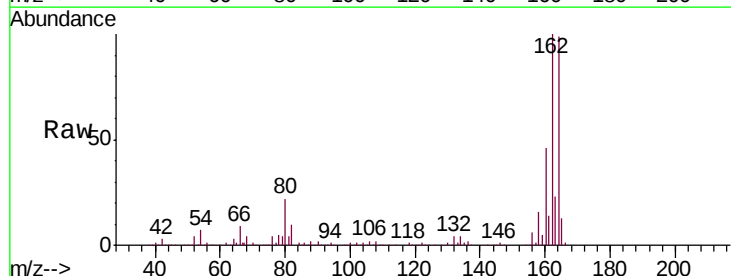
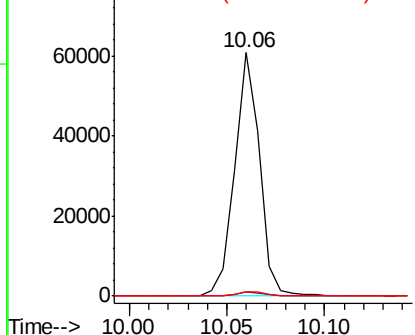


#50
2,6-Dinitrotoluene
Concen: 8.861 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	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

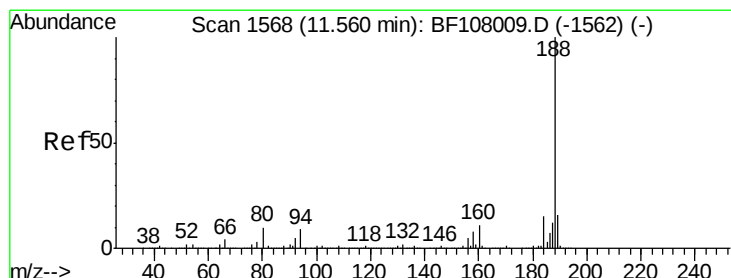
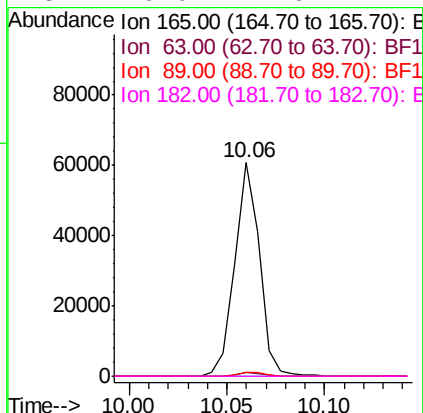
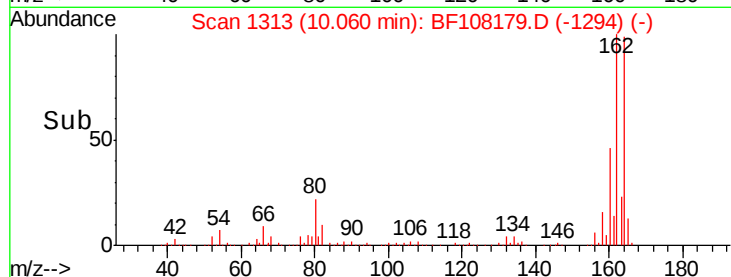
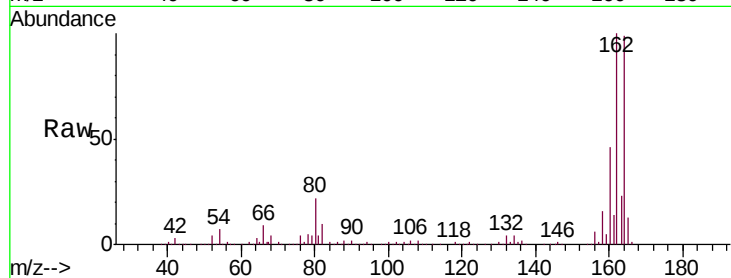




#56
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

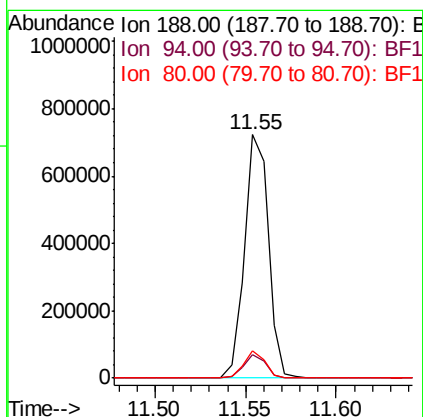
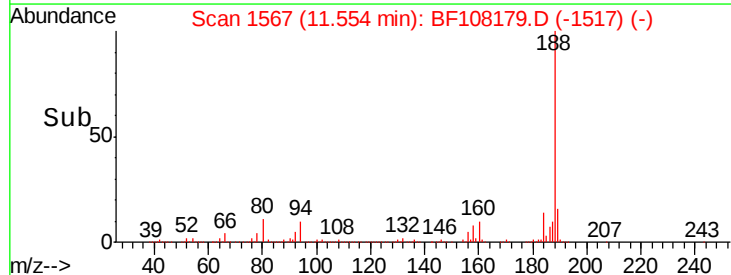
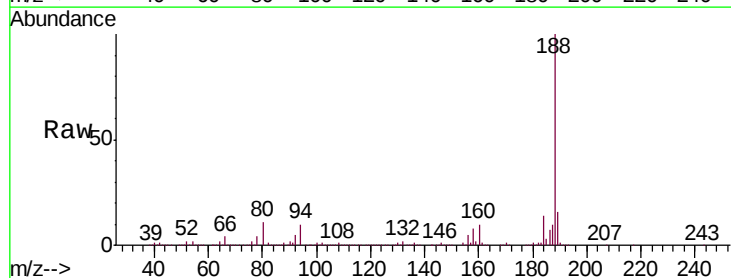
Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tgt Ion:	165	Resp:	53657
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion:	188	Resp:	662219
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8

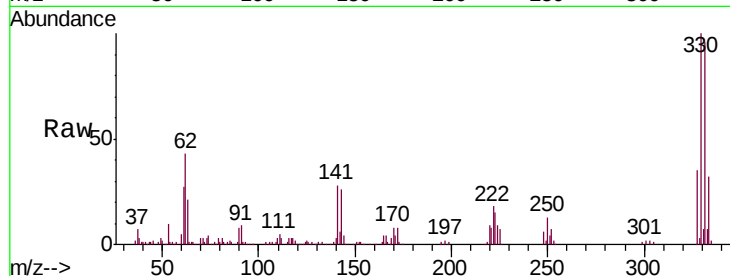




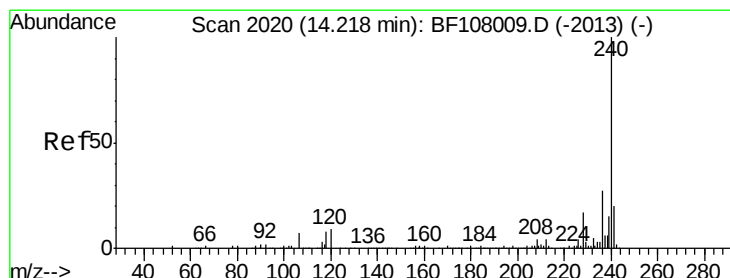
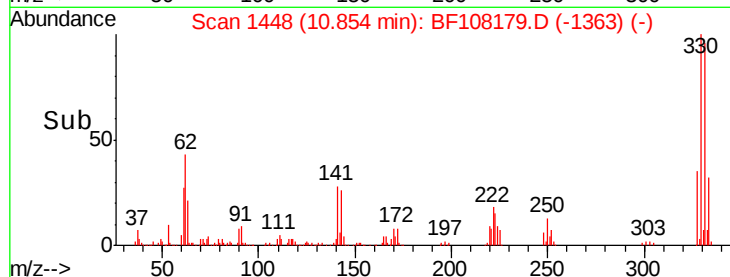
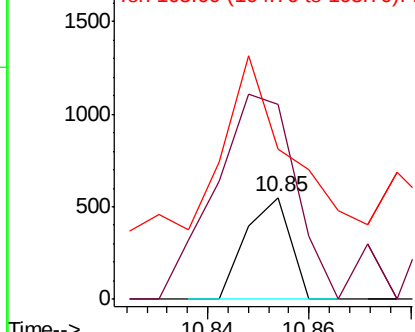
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.478 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Tgt Ion:198 Resp: 334
 Ion Ratio Lower Upper
 198 100
 51 191.7 37.7 77.7#
 105 147.7 36.3 76.3#

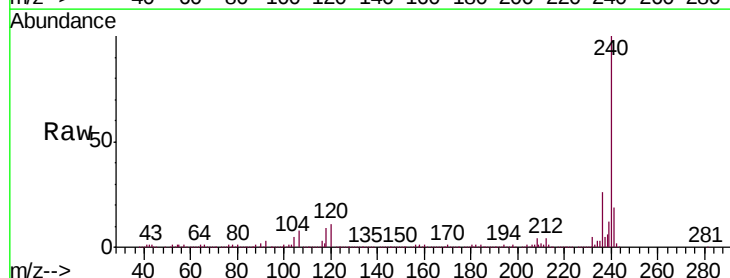


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

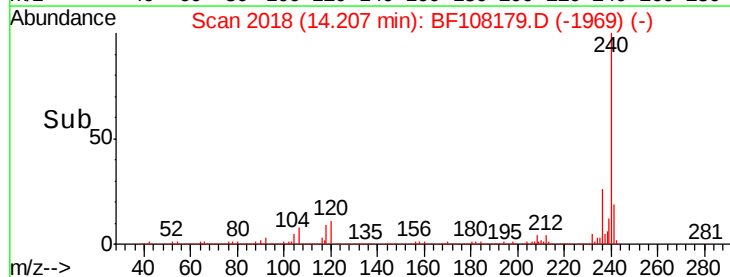
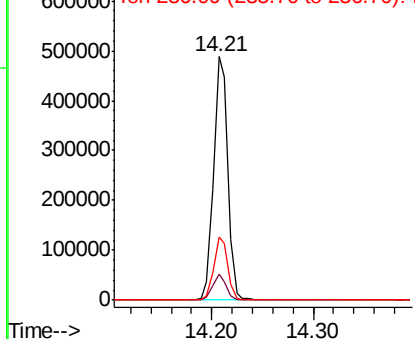


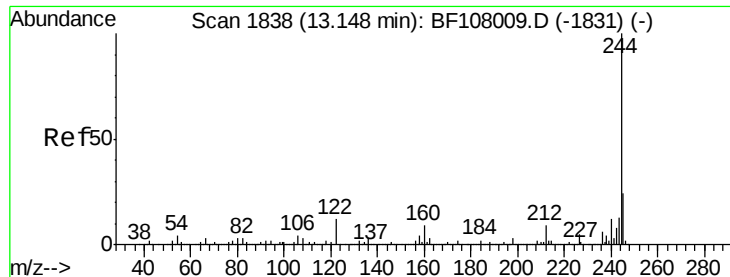
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Tgt Ion:240 Resp: 475887
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.5 14.3
 236 25.8 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: 45.975 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

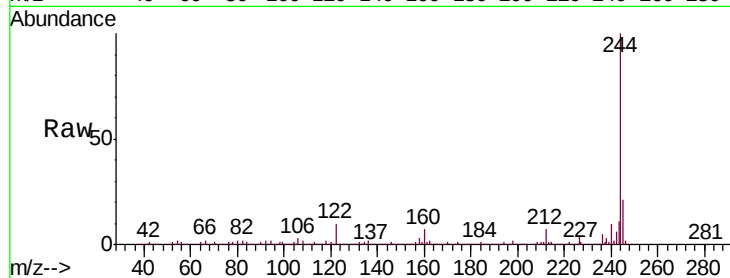
Tgt Ion:244 Resp: 860510

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

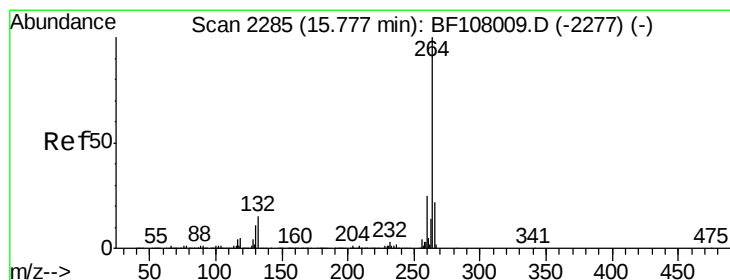
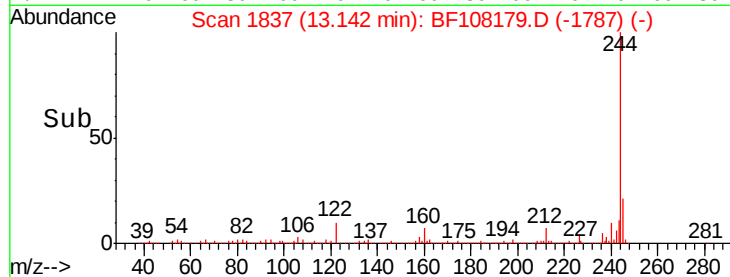
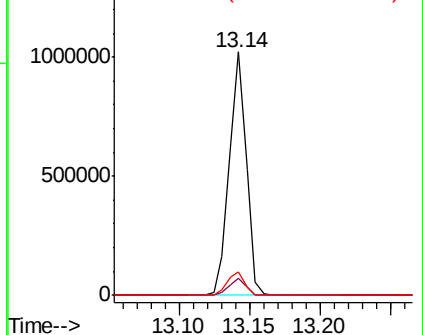
122 9.8 11.0 16.4#



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

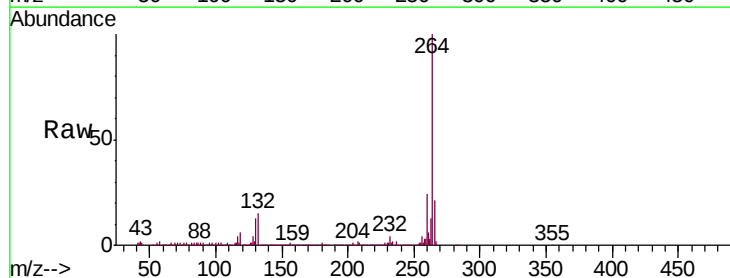
Tgt Ion:264 Resp: 476508

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 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

