

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107915.D
 Acq On : 2 Aug 2018 17:55
 Operator : JU/SJ
 Sample : J4278-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-C

Quant Time: Aug 03 00:54:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

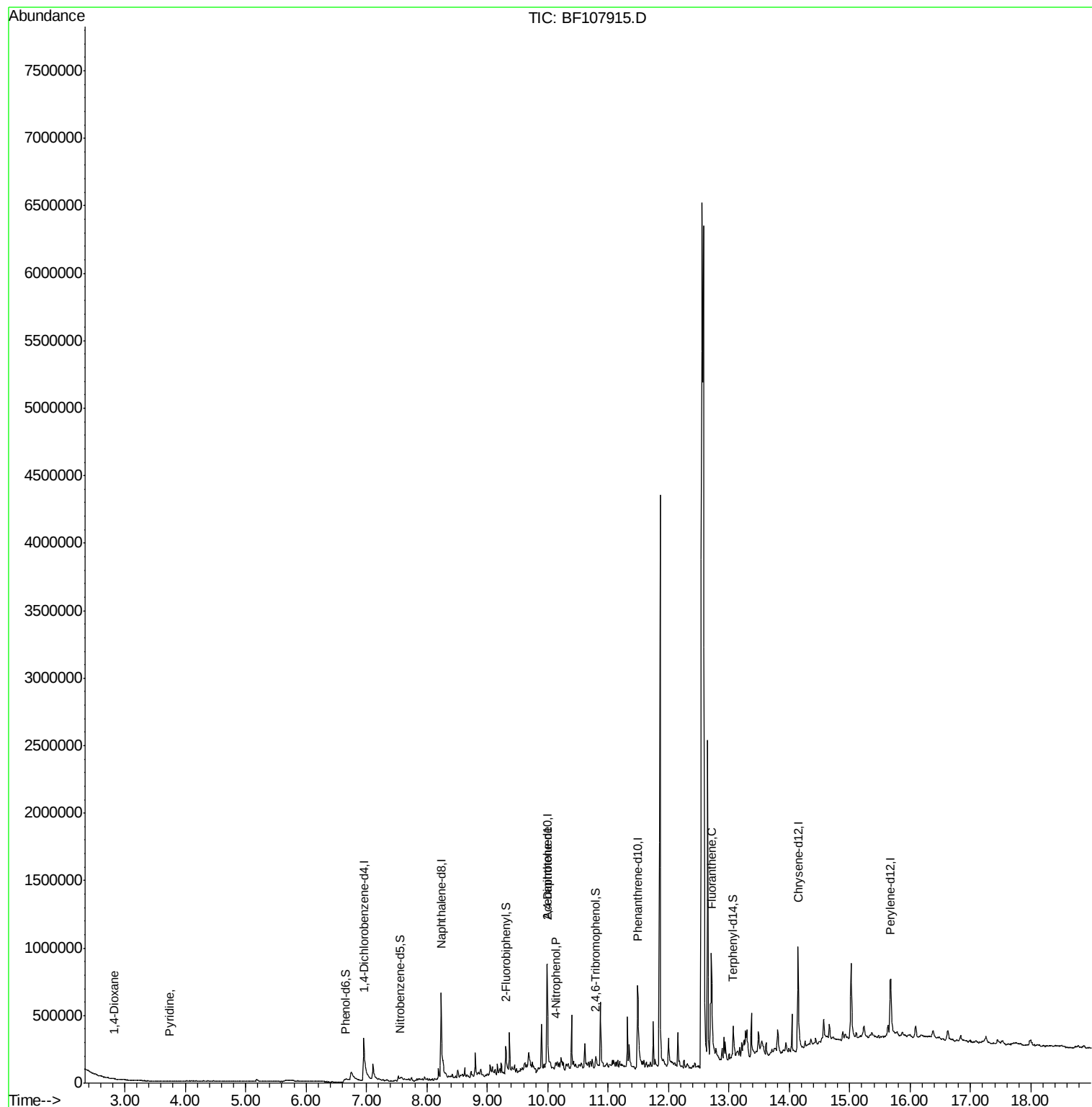
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	116743	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	530855	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	206431	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	377036	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	389550	20.00	ng	-0.01
86) Perylene-d12	15.68	264	328607	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	6549	0.95	ng	0.06
7) Phenol-d6	6.65	99	39633	4.38	ng	0.05
23) Nitrobenzene-d5	7.56	82	37813	4.10	ng	0.02
41) 2,4,6-Tribromophenol	10.80	330	20969	7.48	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	115673	7.81	ng	-0.01
78) Terphenyl-d14	13.07	244	113102	6.30	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.83	88	328	5.883	ng	# 1
3) Pyridine	3.74	79	124	6.268	ng	# 1
55) 4-Nitrophenol	10.13	139	852	9.689	ng	# 5
56) 2,4-Dinitrotoluene	9.99	165	29299	6.616	ng	# 24
74) Fluoranthene	12.71	202	43291	2.058	ng	86

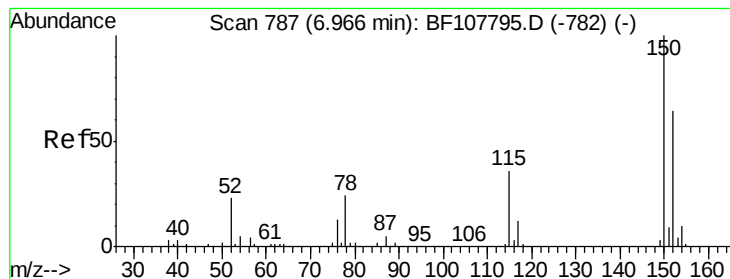
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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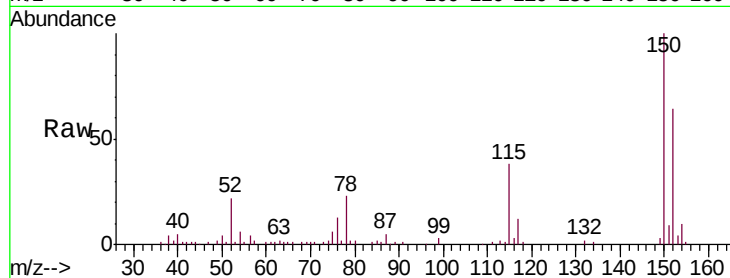


#1

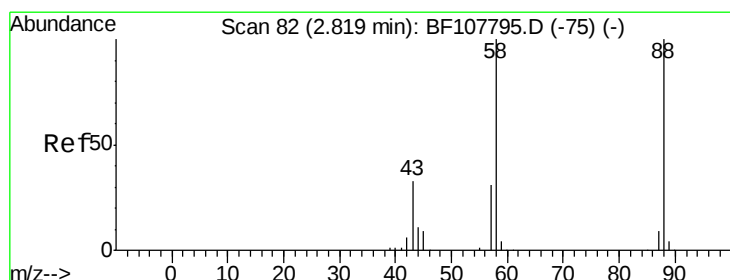
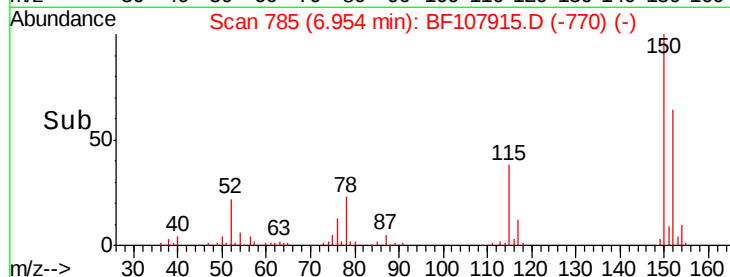
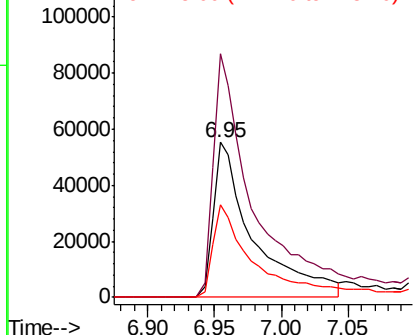
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-C

Tgt Ion:152 Resp: 116743
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.3 50.1 75.1



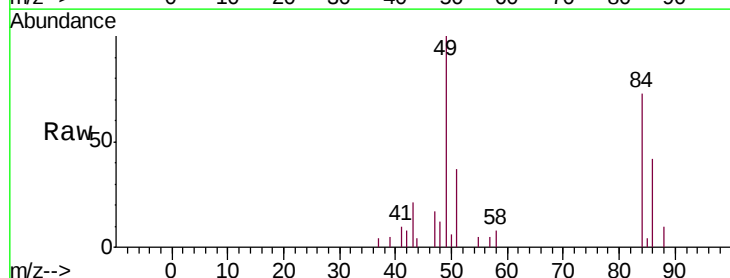
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



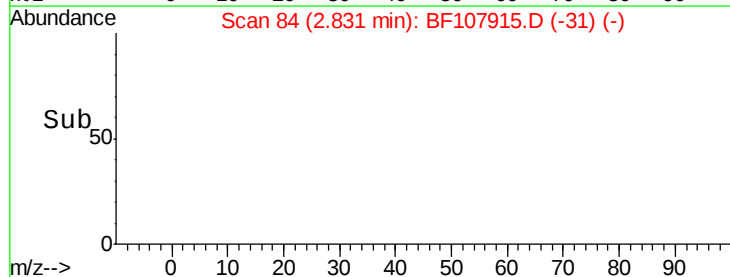
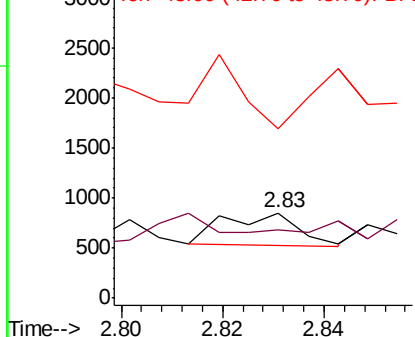
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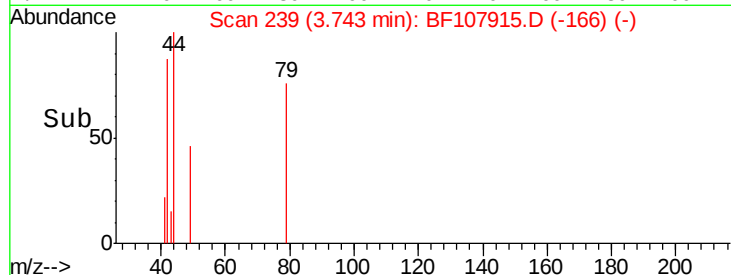
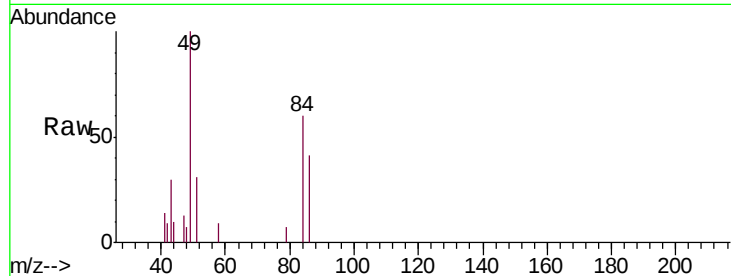
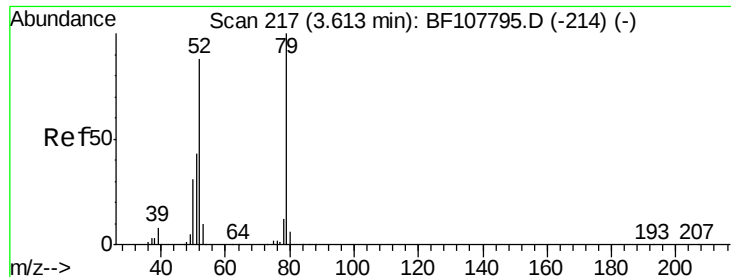
1,4-Dioxane
Concen: 5.883 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Tgt Ion: 88 Resp: 328
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 153.4 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

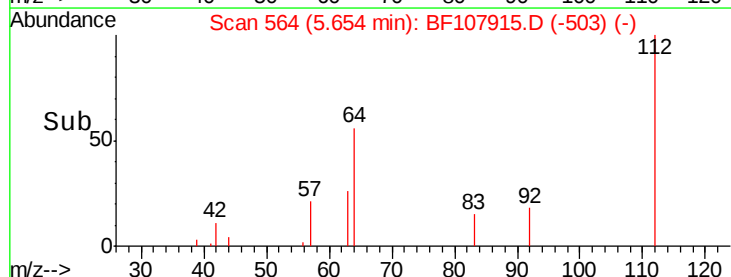
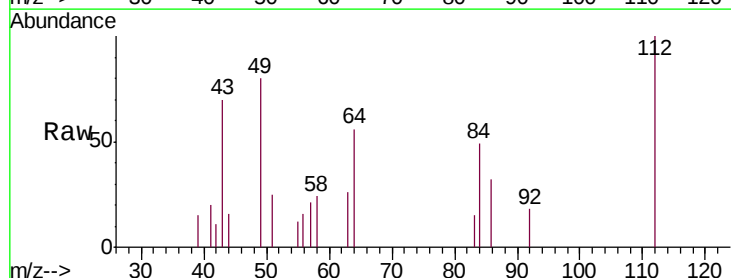
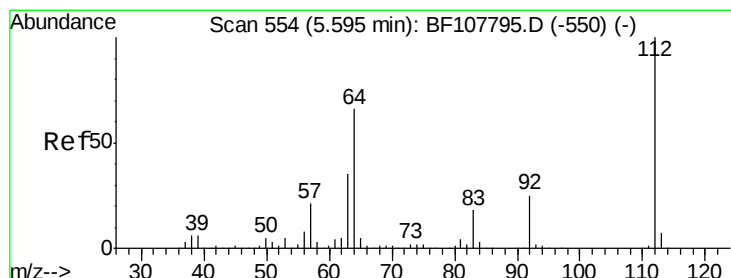
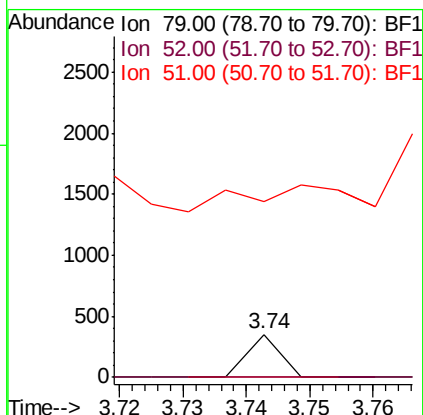




#3
Pyridine
Concen: 6.268 ng
RT: 3.74 min Scan# 239
Delta R.T. 0.13 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

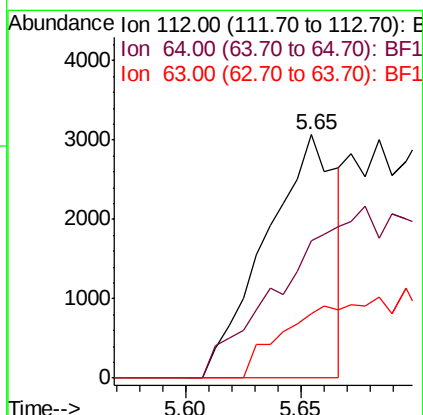
Instrument :
BNA_F
ClientSampleId :
EO-03-080118-C

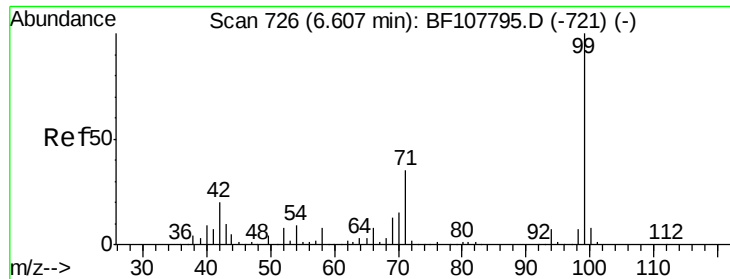
Tgt Ion: 79 Resp: 124
Ion Ratio Lower Upper
79 100
52 0.0 59.8 89.6#
51 410.6 29.8 44.8#



#5
2-Fluorophenol
Concen: 0.953 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.06 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Tgt Ion: 112 Resp: 6549
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 26.4 23.7 35.5





#7

Phenol-d6

Concen: 4.378 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.05 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Instrument :

BNA_F

ClientSampleId :

EO-03-080118-C

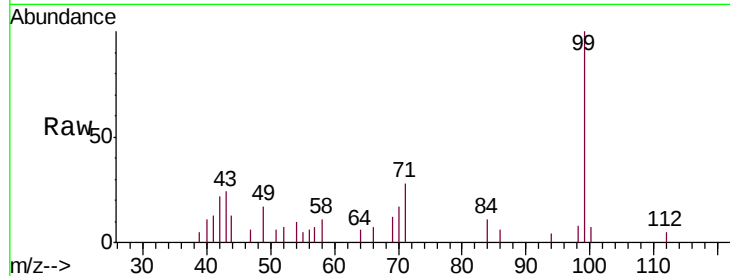
Tgt Ion: 99 Resp: 39633

Ion Ratio Lower Upper

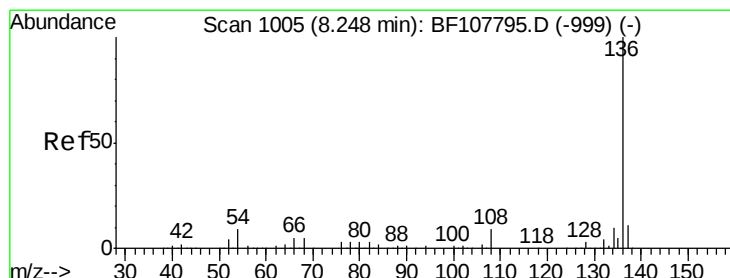
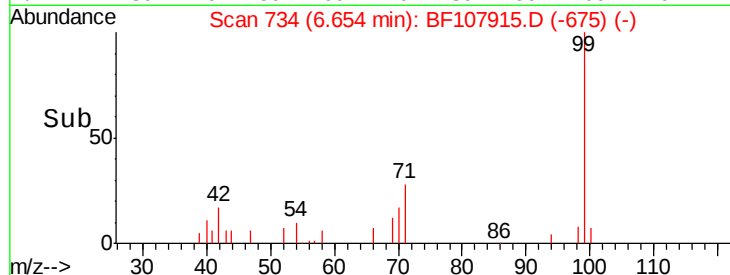
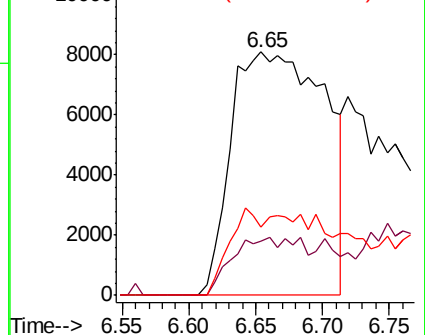
99 100

42 22.3 14.5 21.7#

71 27.8 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Tgt Ion: 136 Resp: 530855

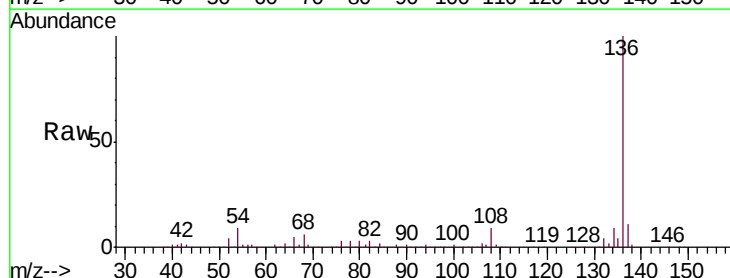
Ion Ratio Lower Upper

136 100

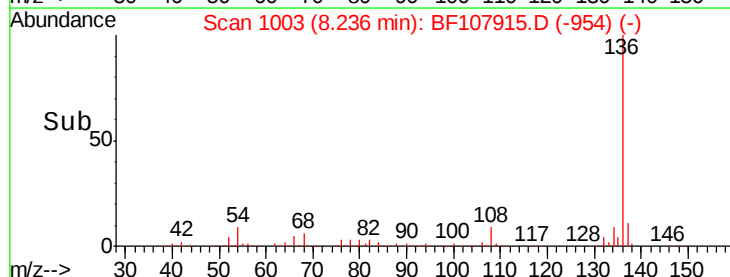
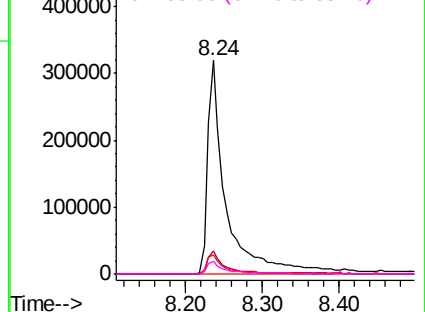
137 11.0 8.9 13.3

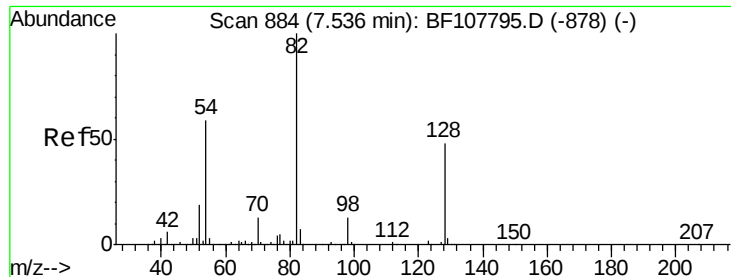
54 8.8 6.6 9.8

68 6.1 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

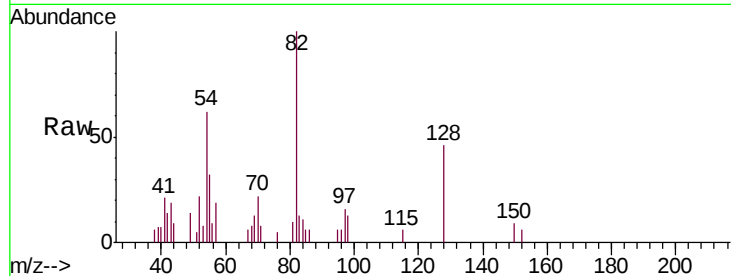




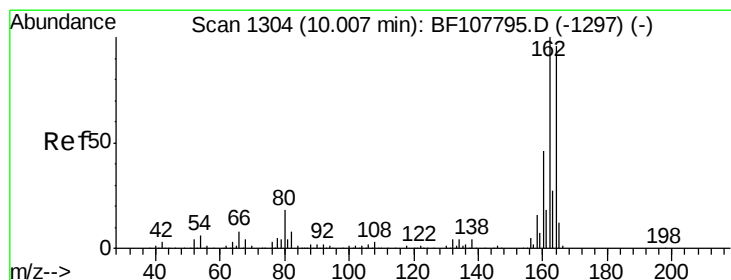
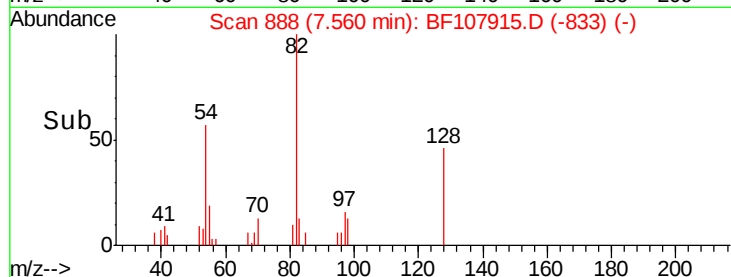
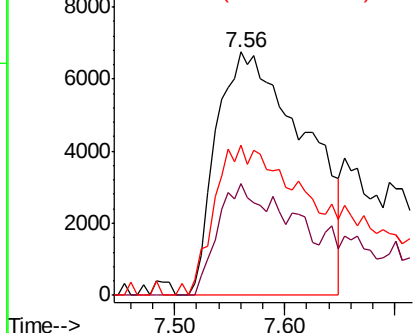
#23
 Nitrobenzene-d5
 Concen: 4.104 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.02 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

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 ClientSampleId :
 EO-03-080118-C

Tgt Ion: 82 Resp: 37813
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 61.9 41.4 62.2

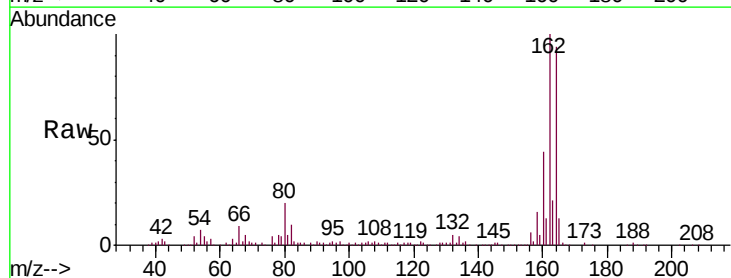


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

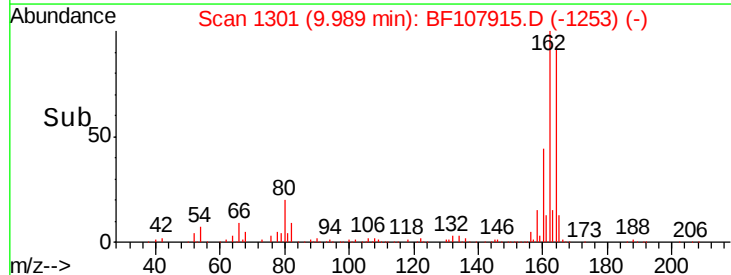
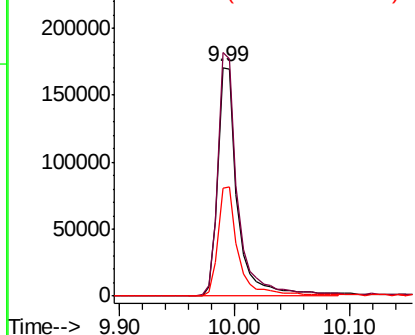


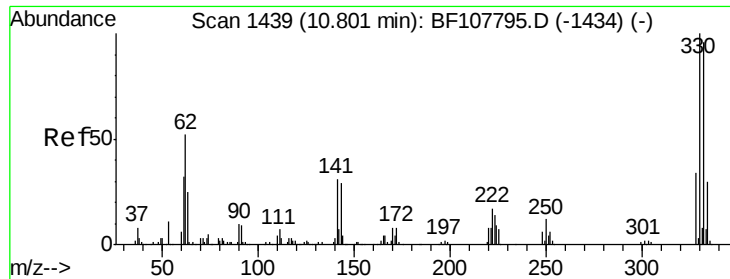
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Tgt Ion: 164 Resp: 206431
 Ion Ratio Lower Upper
 164 100
 162 106.6 86.1 129.1
 160 47.2 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

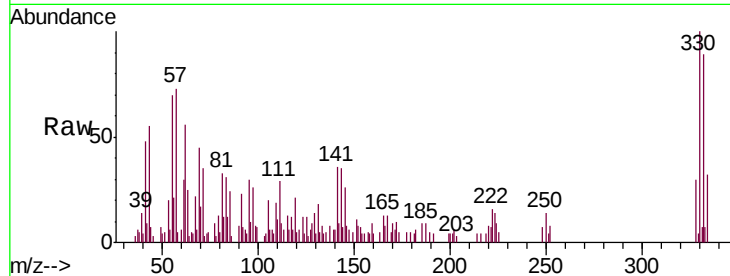




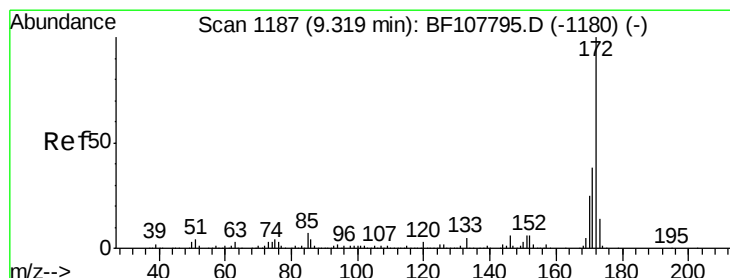
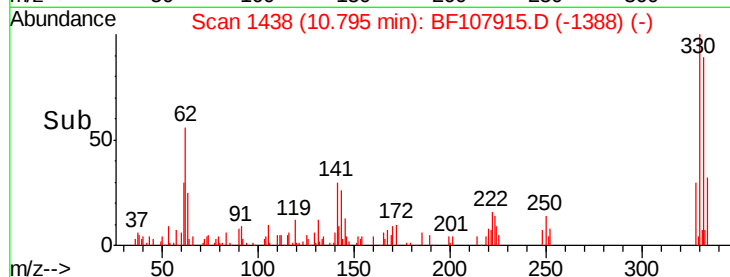
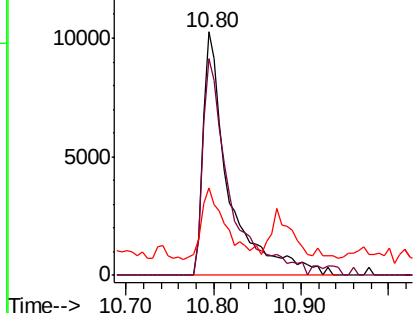
#41
 2,4,6-Tribromophenol
 Concen: 7.476 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.0	115.6
141	26.6	29.9	44.9#

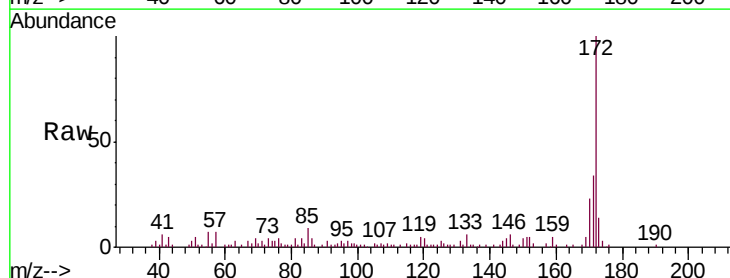


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

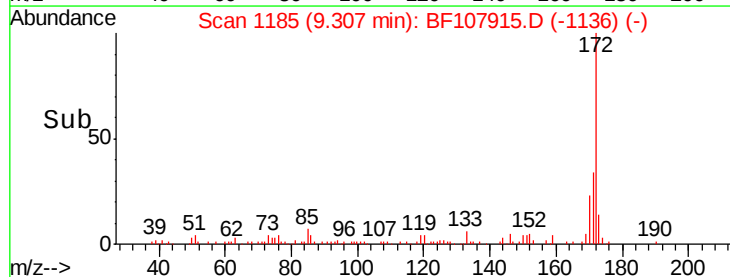
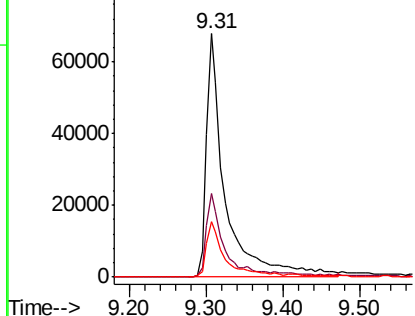


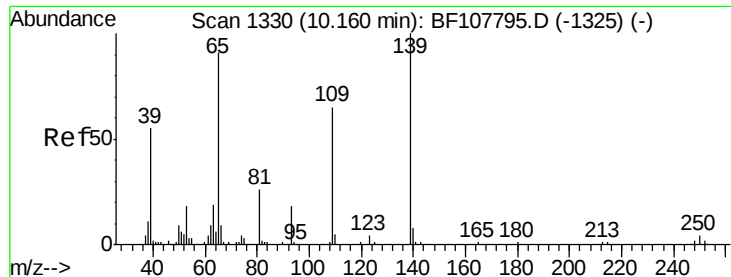
#44
 2-Fluorobiphenyl
 Concen: 7.808 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107915.D
 Acq: 2 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	22.6	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





#55

4-Nitrophenol

Concen: 9.689 ng

RT: 10.13 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Instrument :

BNA_F

ClientSampleId :

EO-03-080118-C

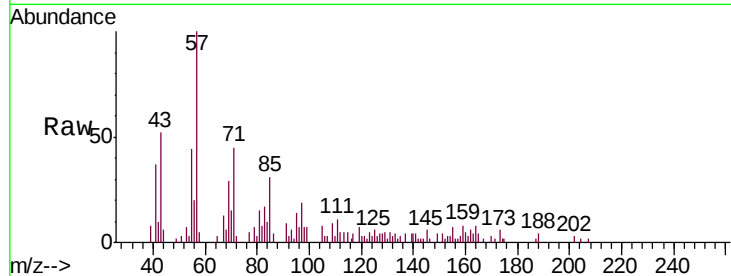
Tgt Ion:139 Resp: 852

Ion Ratio Lower Upper

139 100

109 226.9 48.4 88.4#

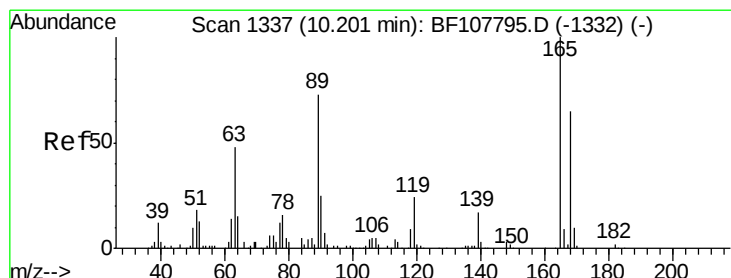
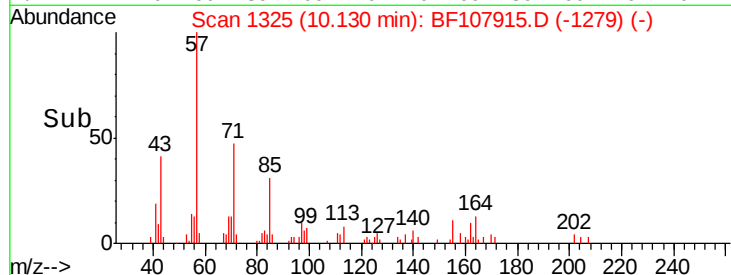
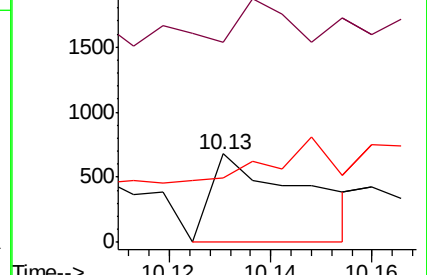
65 72.5 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.616 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Tgt Ion:165 Resp: 29299

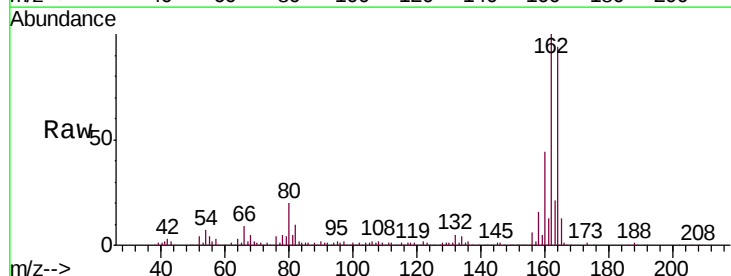
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

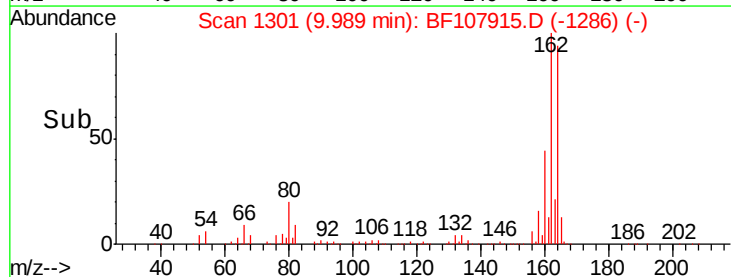
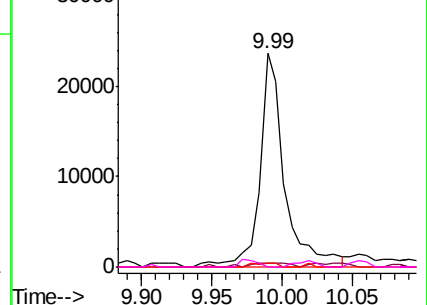


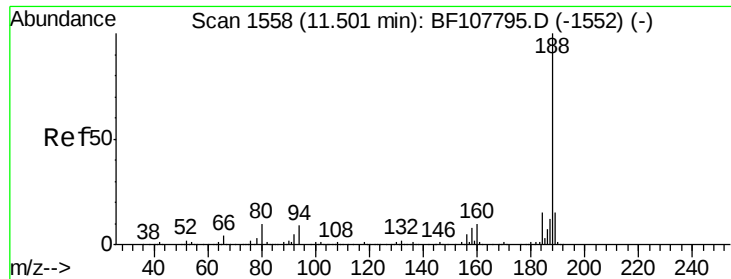
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

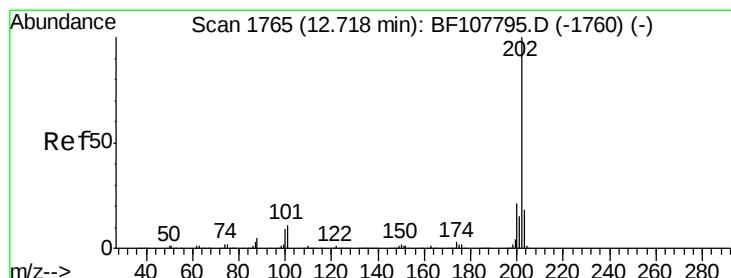
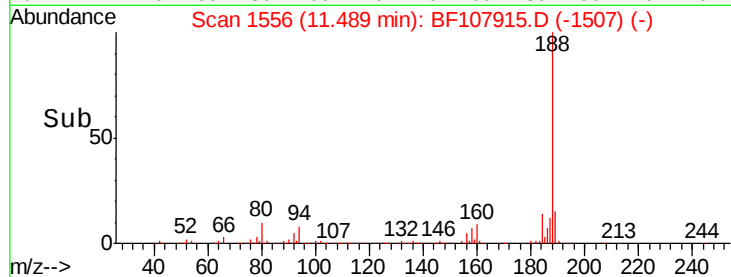
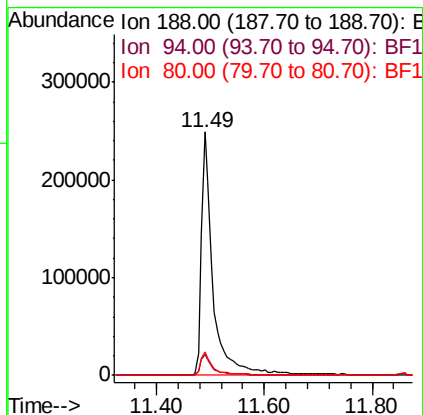
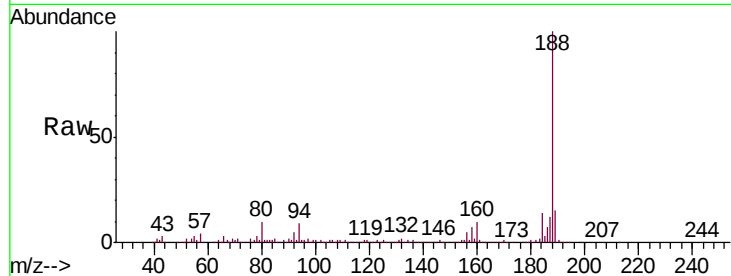




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

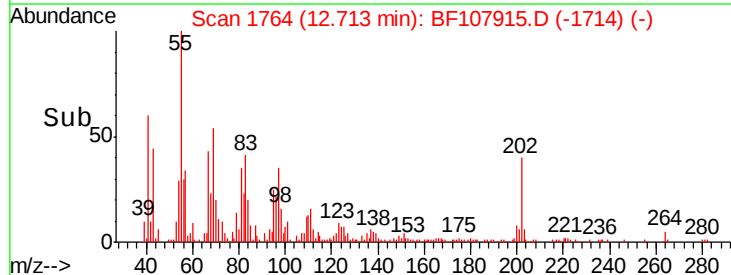
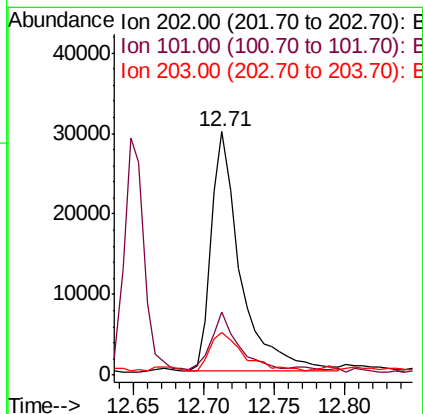
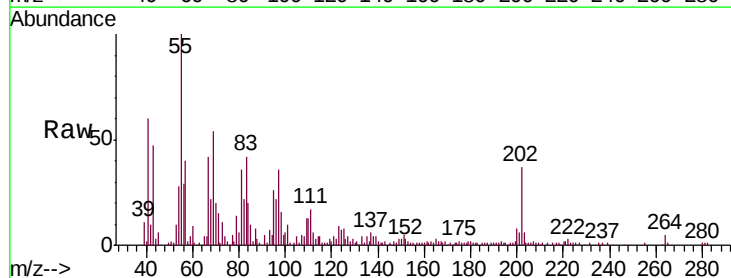
Instrument :
BNA_F
ClientSampleId :
EO-03-080118-C

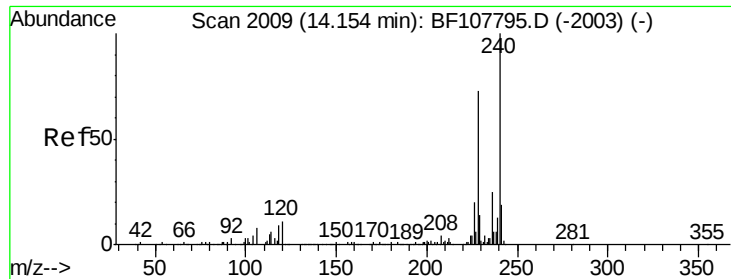
Tgt Ion:188 Resp: 377036
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.7 9.2 13.8



#74
Fluoranthene
Concen: 2.058 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Tgt Ion:202 Resp: 43291
Ion Ratio Lower Upper
202 100
101 25.8 0.0 34.1
203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

Instrument :

BNA_F

ClientSampleId :

EO-03-080118-C

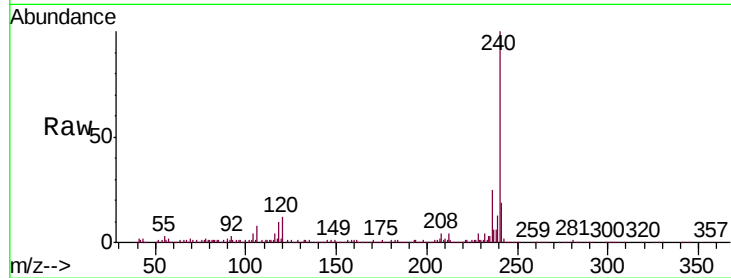
Tgt Ion:240 Resp: 389550

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

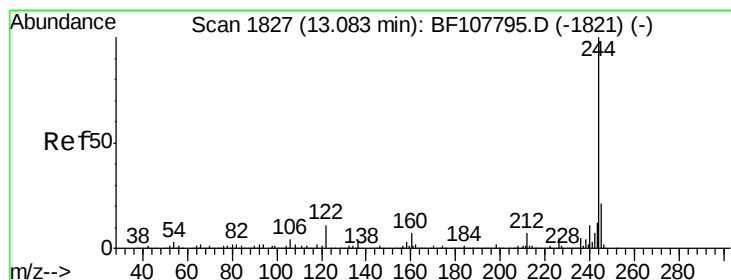
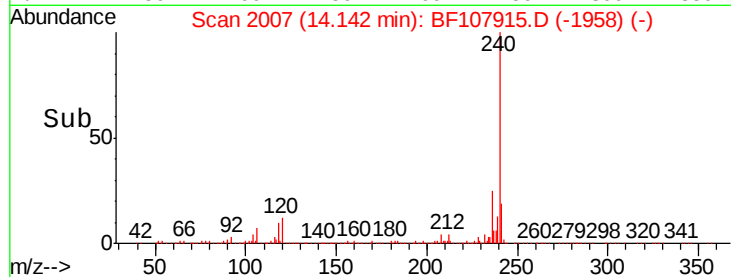
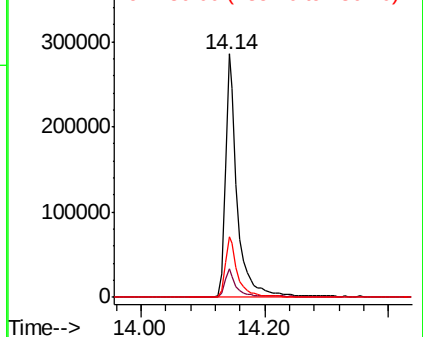
236 24.8 20.7 31.1



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: 6.296 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107915.D

Acq: 2 Aug 2018 17:55

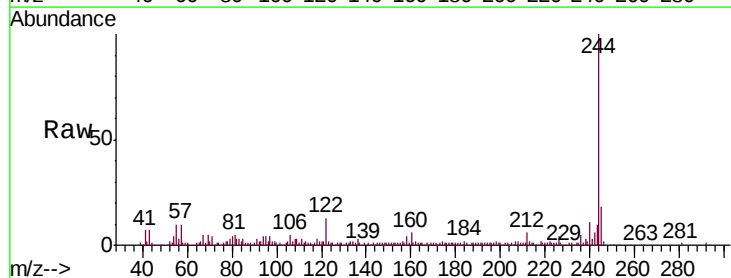
Tgt Ion:244 Resp: 113102

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

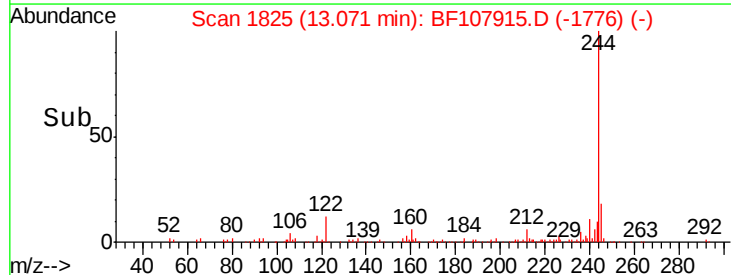
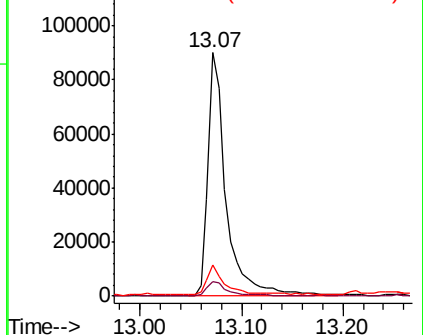
122 12.5 11.0 16.4

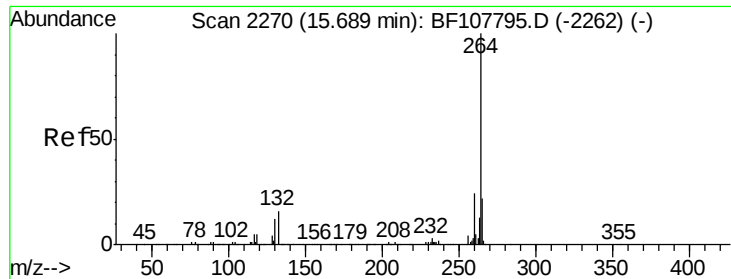


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107915.D
Acq: 2 Aug 2018 17:55

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

