

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104589.D
 Acq On : 18 Apr 2018 9:46
 Operator : JU/SJ
 Sample : J2387-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180244-AMEND-COMP-A

Quant Time: Apr 18 12:00:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128707	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	526298	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	239963	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	425362	20.00	ng	0.00
75) Chrysene-d12	13.97	240	302058	20.00	ng	0.00
86) Perylene-d12	15.43	264	251926	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	516185	61.32	ng	0.00
7) Phenol-d6	6.43	99	396763	38.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	866413	107.50	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	346997	139.40	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1420481	93.51	ng	0.00
78) Terphenyl-d14	12.92	244	1363757	102.93	ng	0.00

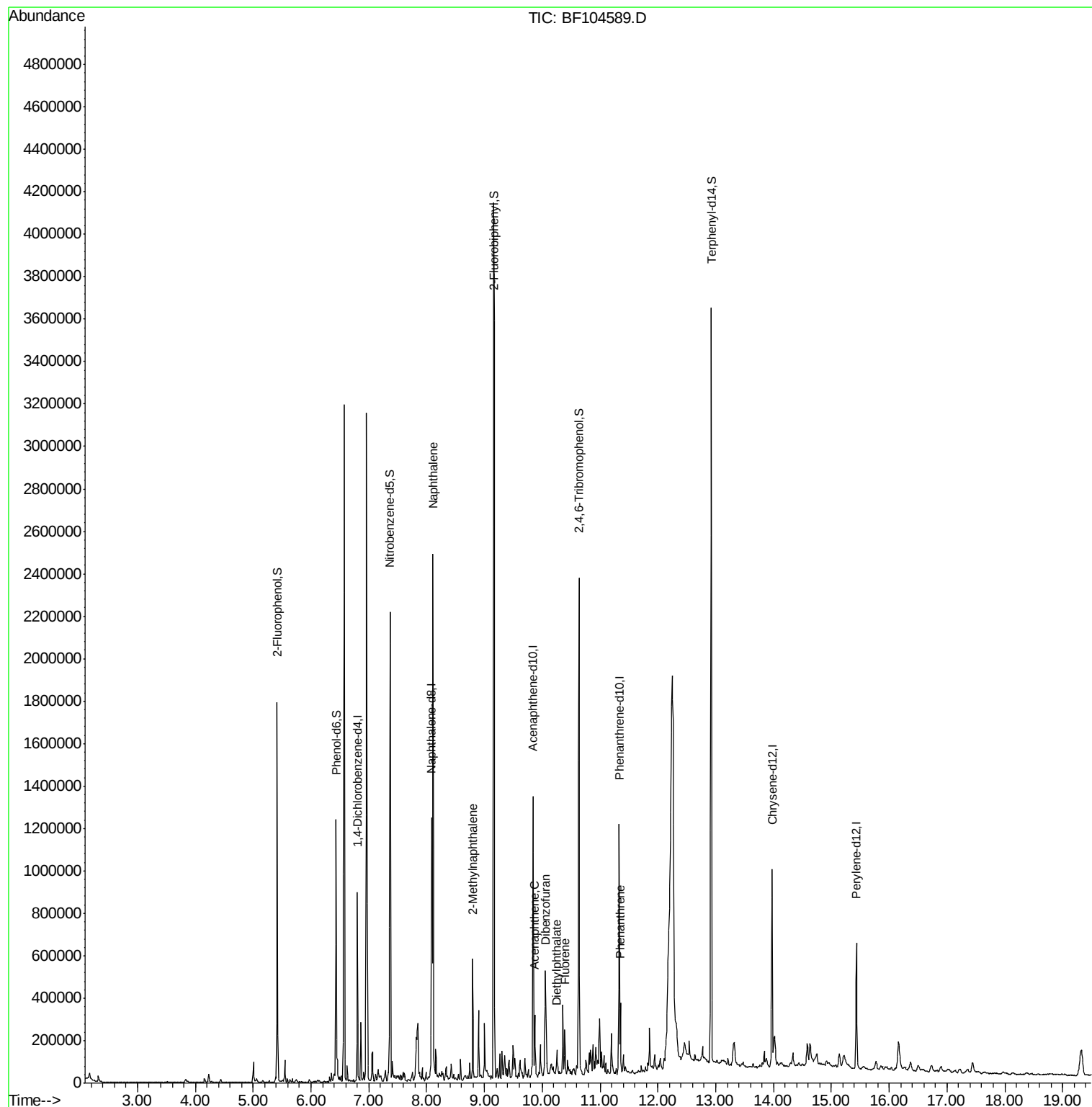
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.11	128	1016168	38.775	ng	100
37) 2-Methylnaphthalene	8.80	142	133098	7.852	ng	99
51) Acenaphthene	9.87	154	49138	3.224	ng	98
54) Dibenzofuran	10.05	168	58855	2.771	ng	99
57) Fluorene	10.39	166	51166	3.309	ng	96
59) Diethylphthalate	10.25	149	39440	2.093	ng	97
70) Phenanthrene	11.35	178	110492	4.664	ng	97

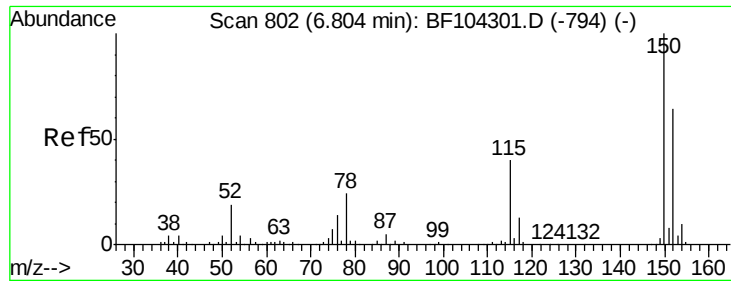
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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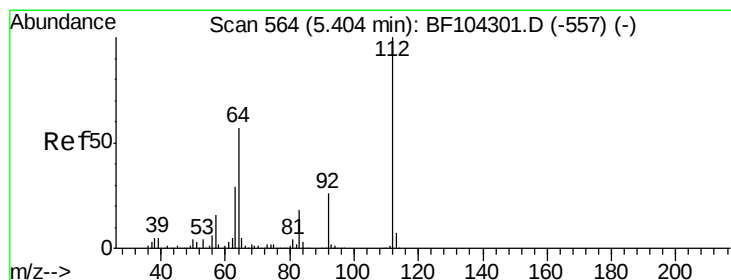
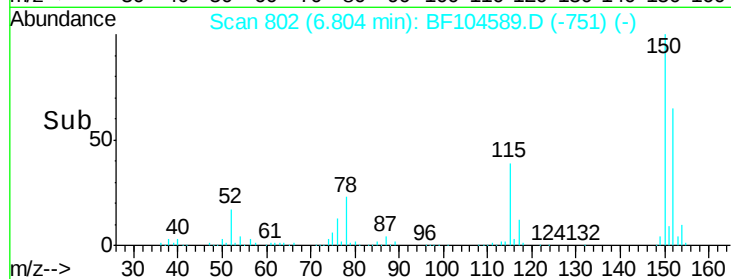
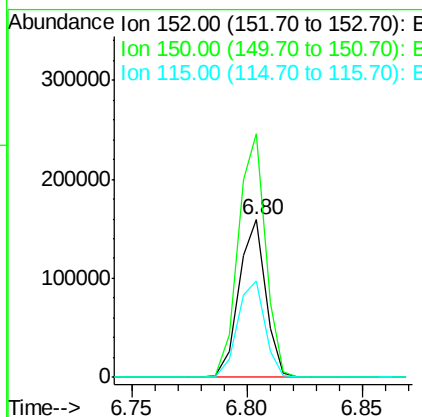
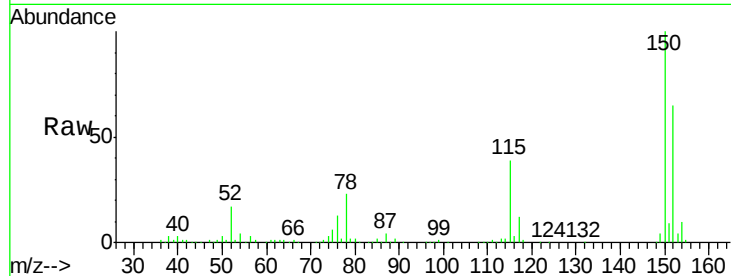


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Instrument :
BNA_F
ClientSampleId :
20180244-AMEND-COMP-A

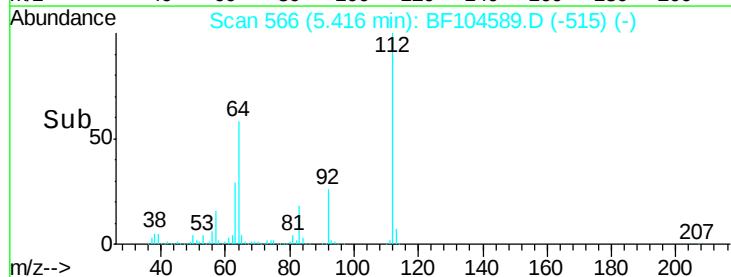
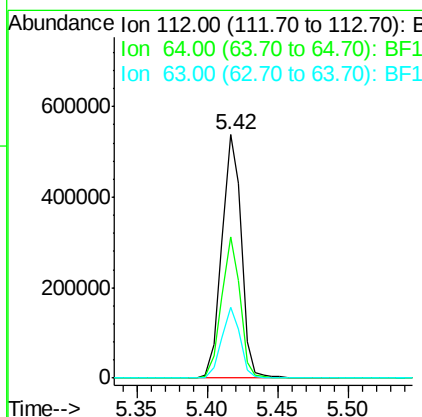
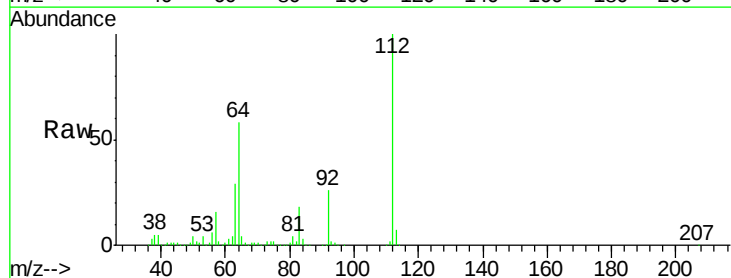
Tot Ion:152 Resp: 128707
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.0 50.1 75.1



#5

2-Fluorophenol
Concen: 61.323 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Tgt Ion:112 Resp: 516185
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 38.363 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104589.D

Acq: 18 Apr 2018 9:46

Instrument :

BNA_F

ClientSampleId :

20180244-AMEND-COMP-A

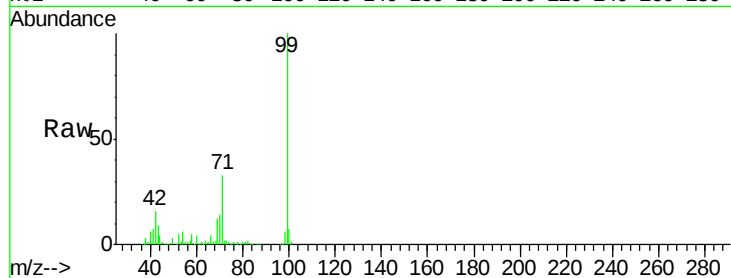
Tot Ion: 99 Resp: 396763

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

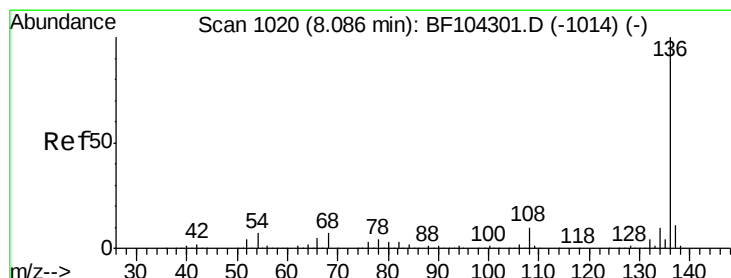
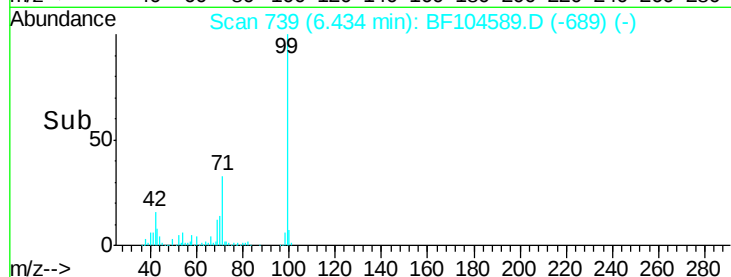
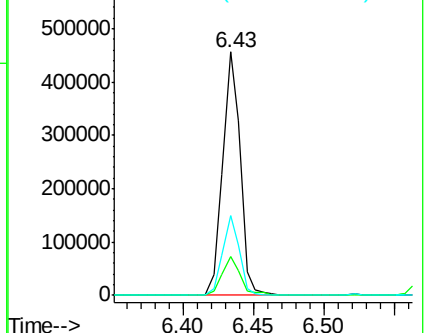
71 32.6 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104589.D

Acq: 18 Apr 2018 9:46

Tgt Ion: 136 Resp: 526298

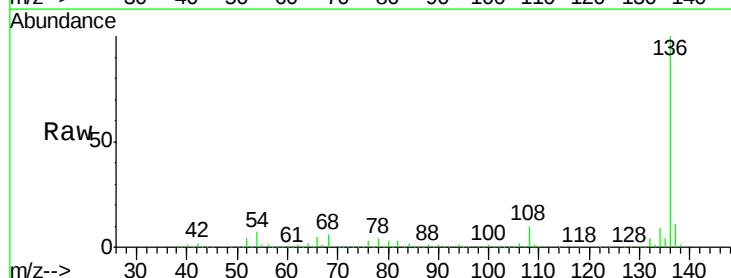
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

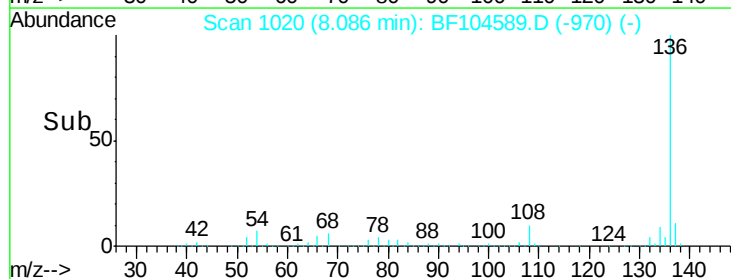
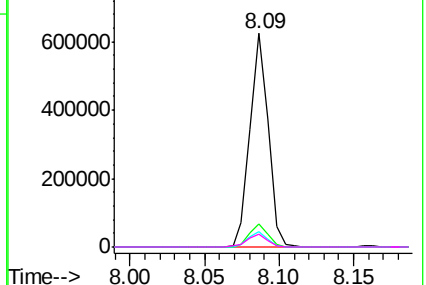


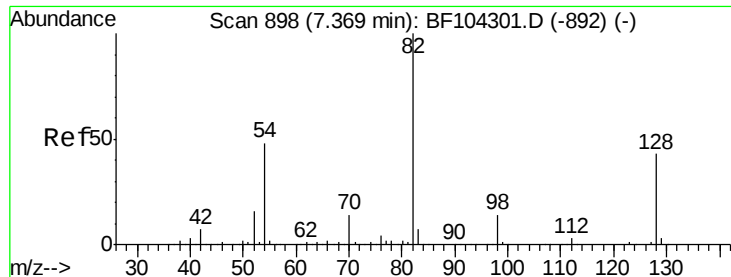
Abundance Ion 136.00 (135.70 to 136.70): E

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

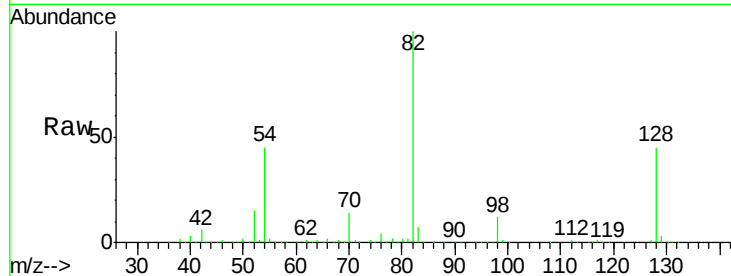




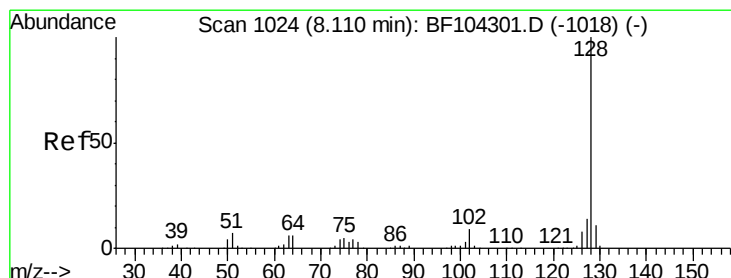
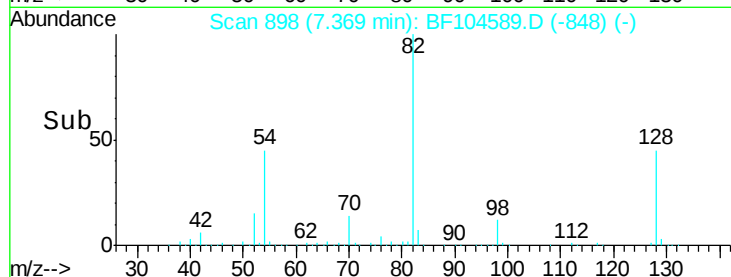
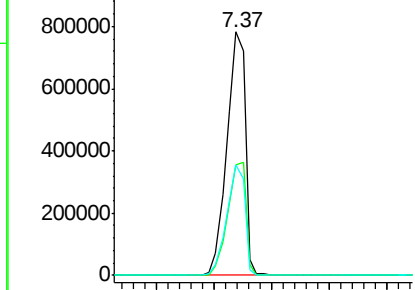
#23
Nitrobenzene-d5
Concen: 107.496 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Instrument :
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ClientSampleId :
20180244-AMEND-COMP-A

Tot Ion: 82 Resp: 866413
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 45.2 41.4 62.2

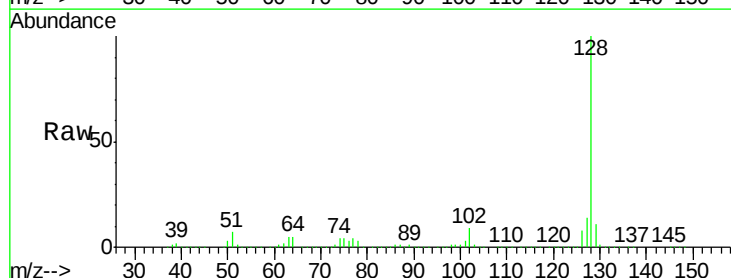


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

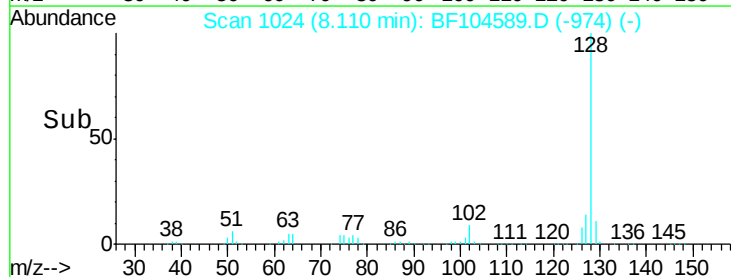
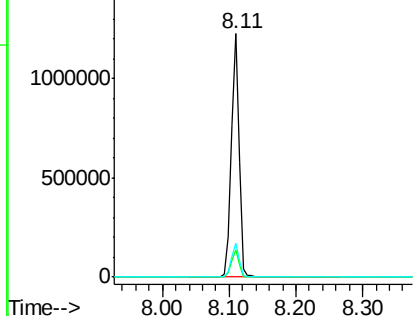


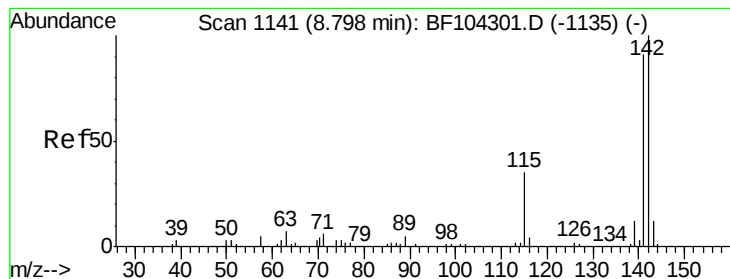
#31
Naphthalene
Concen: 38.775 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Tgt Ion:128 Resp: 1016168
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

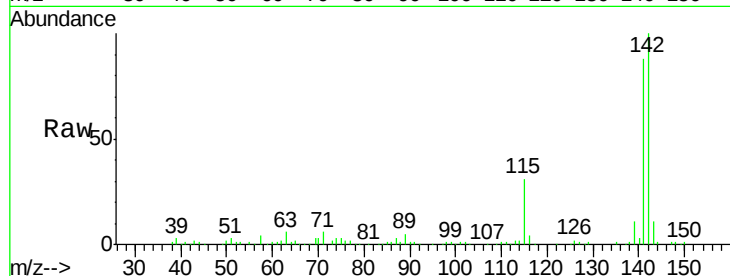




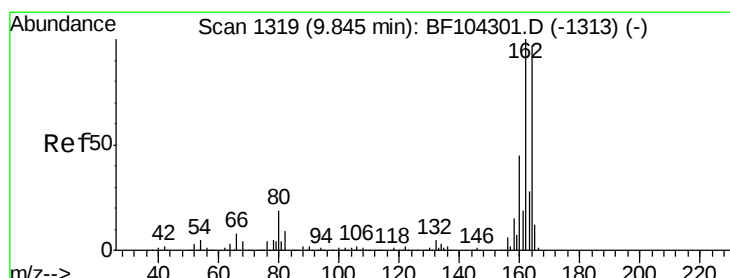
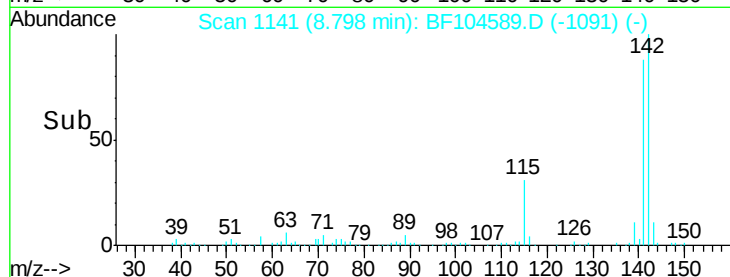
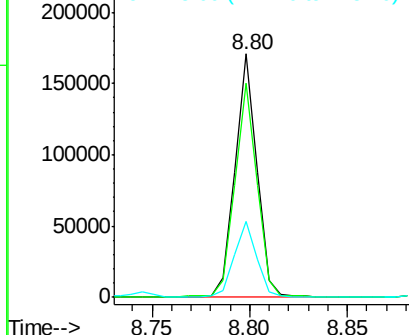
#37
2-Methylnaphthalene
Concen: 7.852 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Instrument :
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ClientSampleId :
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Tot Ion:142 Resp: 133098
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 31.4 26.1 39.1

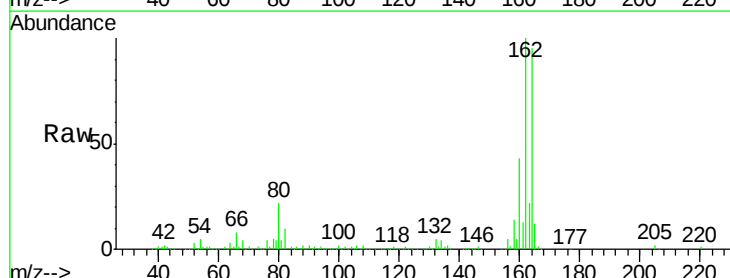


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

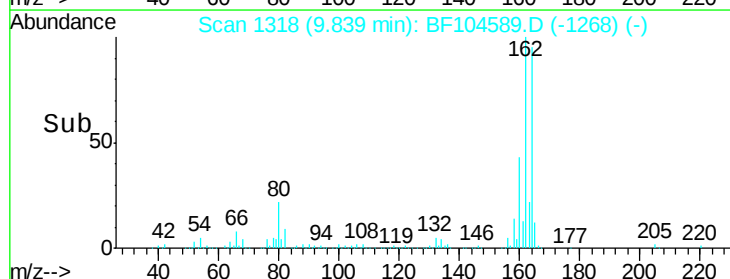
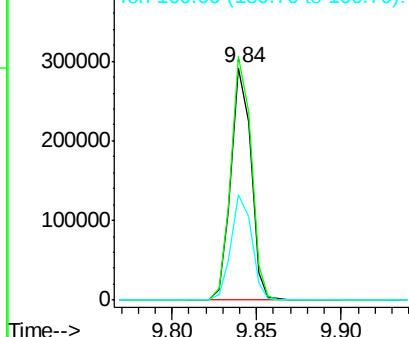


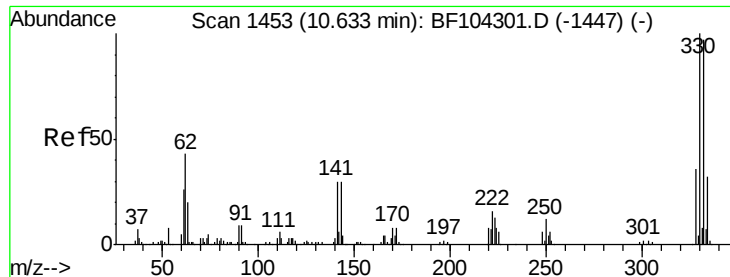
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Tgt Ion:164 Resp: 239963
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 45.2 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

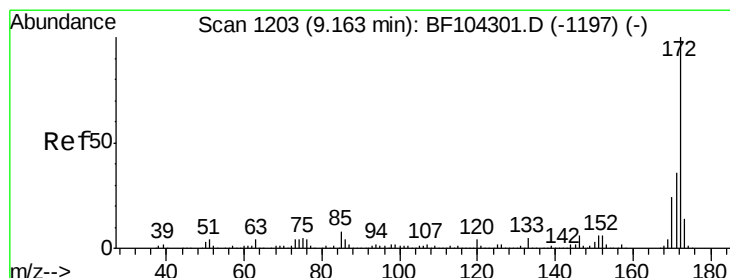
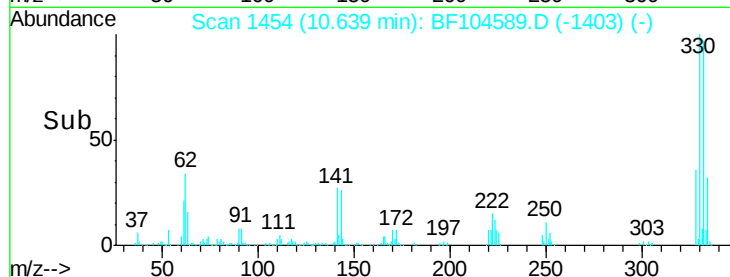
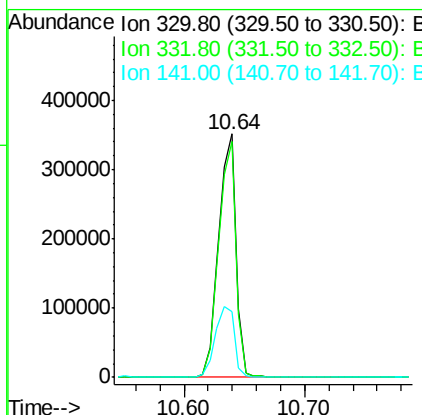
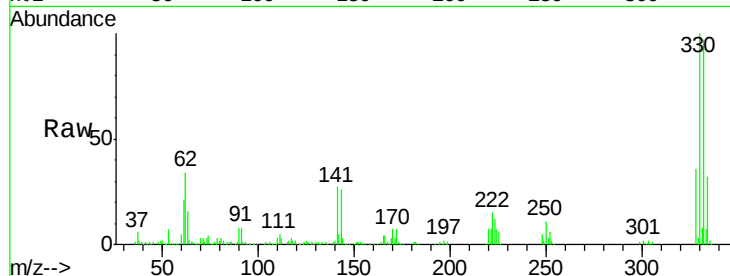




#41
 2,4,6-Tribromophenol
 Concen: 139.401 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104589.D
 Acq: 18 Apr 2018 9:46

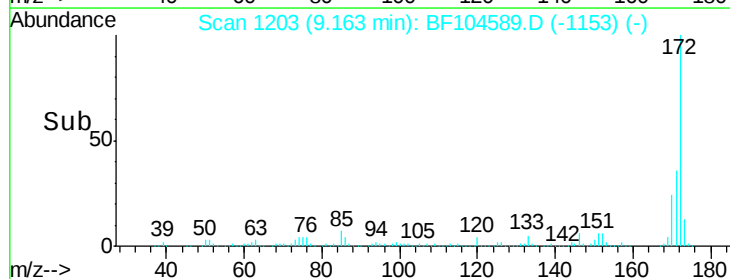
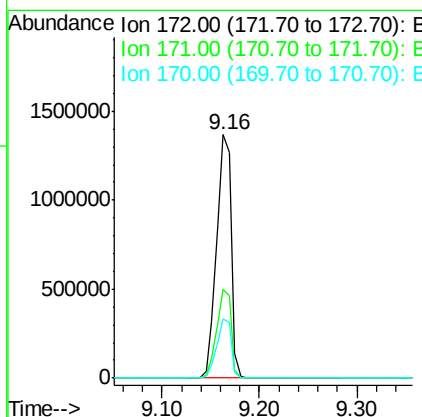
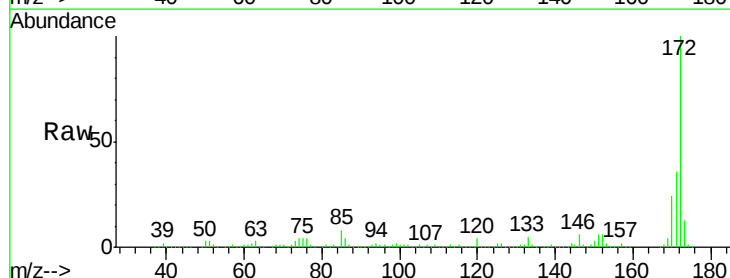
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 20180244-AMEND-COMP-A

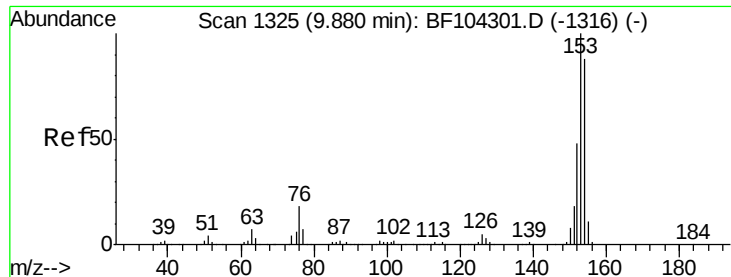
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.515 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104589.D
 Acq: 18 Apr 2018 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4





#51

Acenaphthene

Concen: 3.224 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104589.D

Acq: 18 Apr 2018 9:46

Instrument :

BNA_F

ClientSampleId :

20180244-AMEND-COMP-A

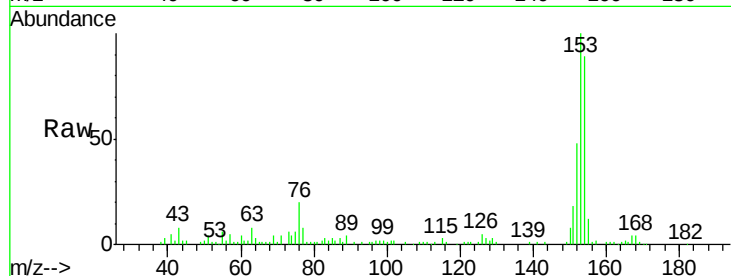
Tot Ion:154 Resp: 49138

Ion Ratio Lower Upper

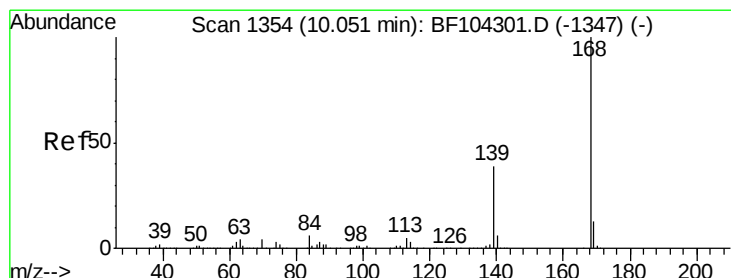
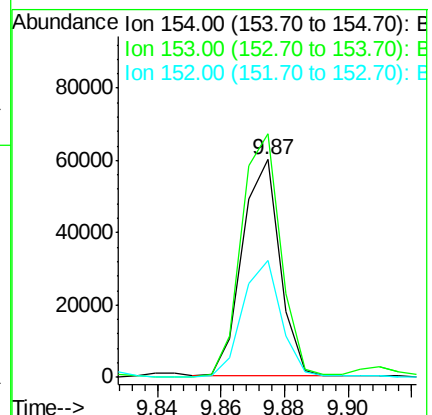
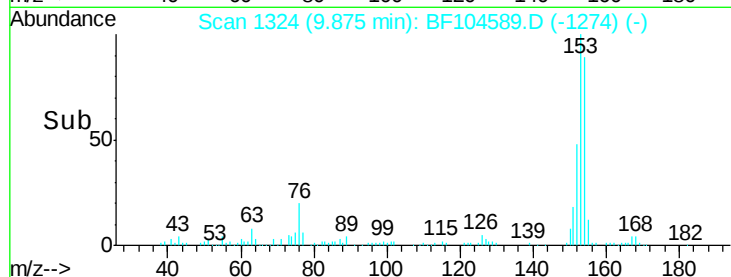
154 100

153 111.9 91.2 136.8

152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.771 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF104589.D

Acq: 18 Apr 2018 9:46

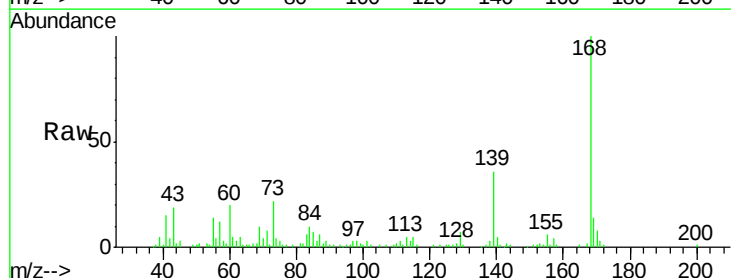
Tgt Ion:168 Resp: 58855

Ion Ratio Lower Upper

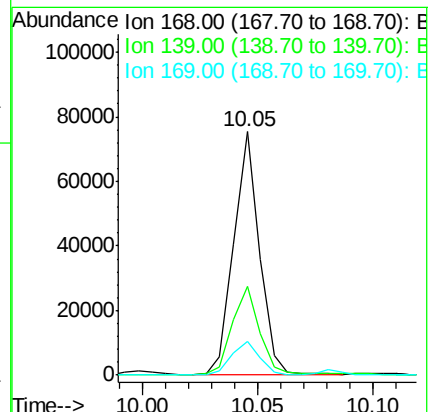
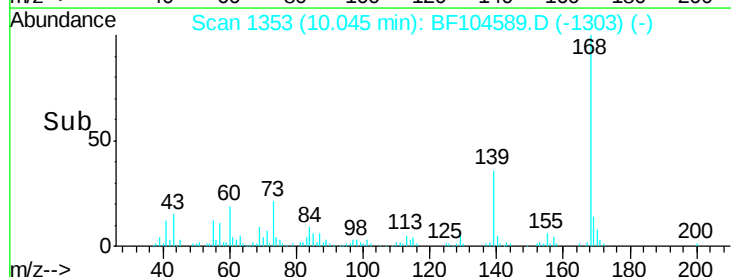
168 100

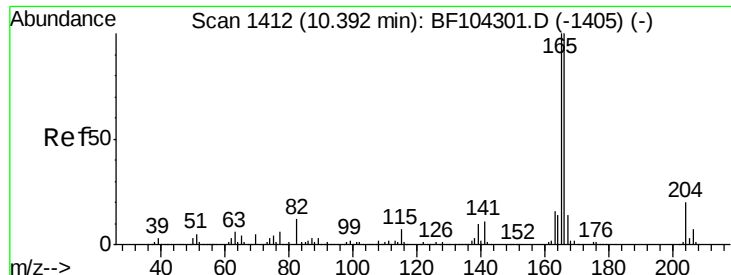
139 36.5 30.1 45.1

169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

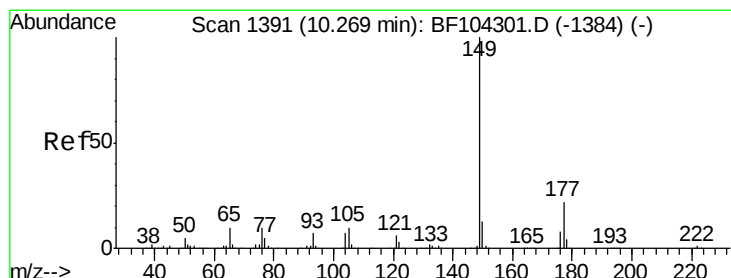
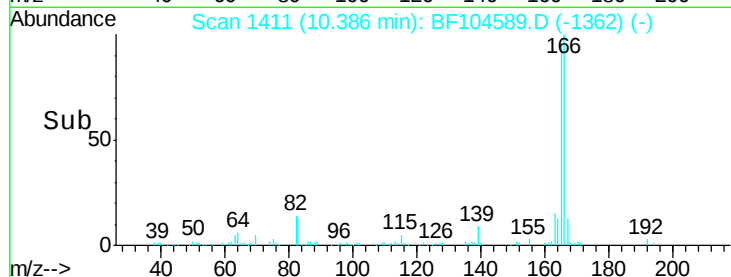
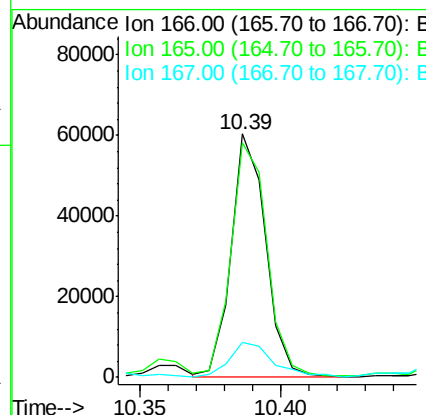
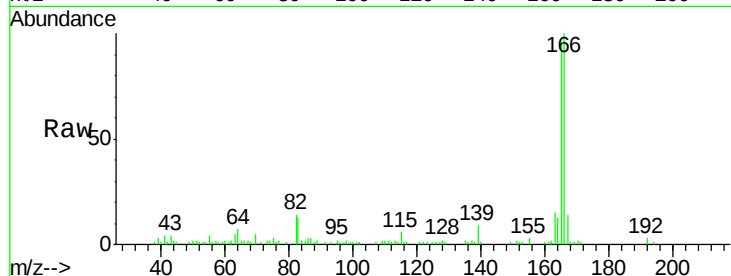




#57
 Fluorene
 Concen: 3.309 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF104589.D
 Acq: 18 Apr 2018 9:46

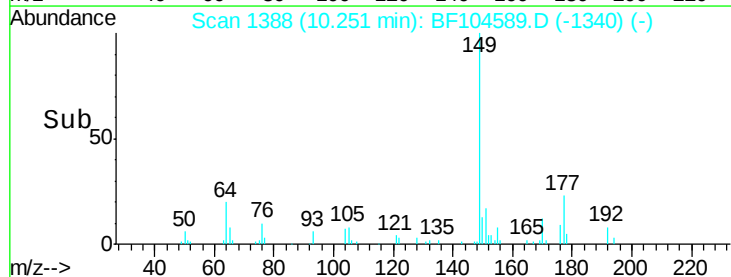
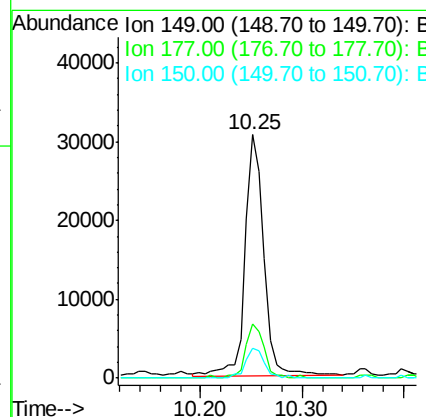
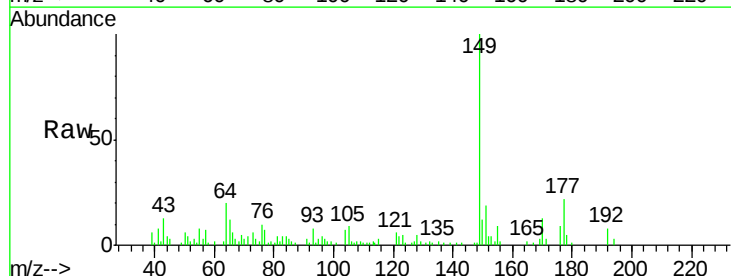
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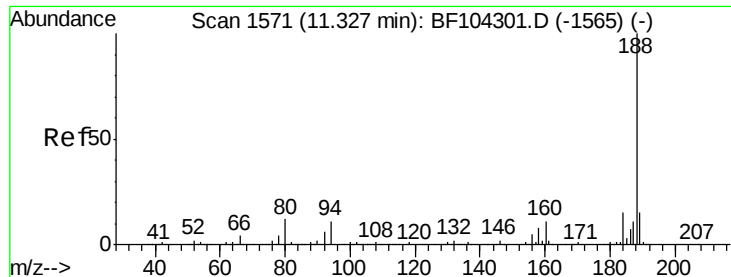
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.8	119.8
167	14.4	10.6	16.0



#59
 Diethylphthalate
 Concen: 2.093 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BF104589.D
 Acq: 18 Apr 2018 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.4	10.1	15.1

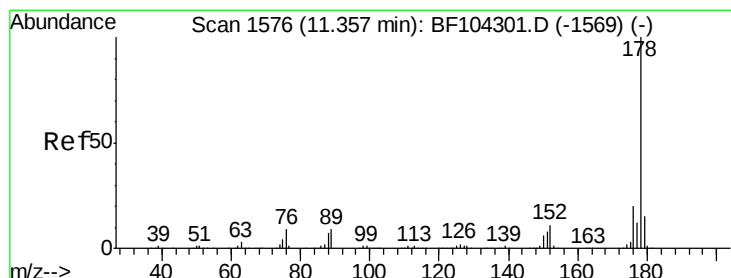
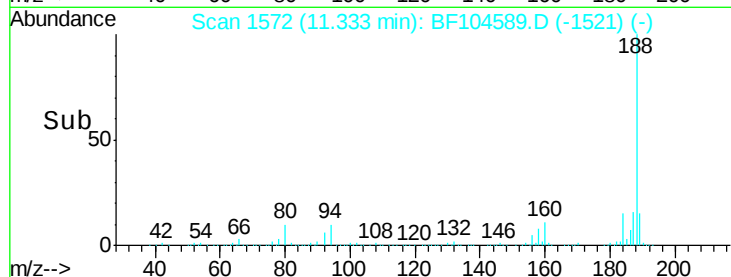
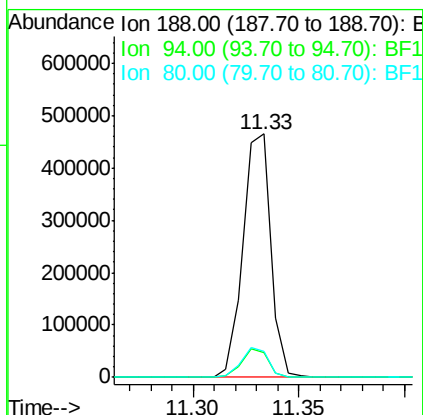
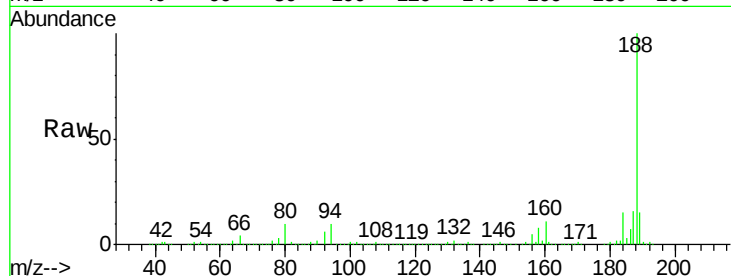




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

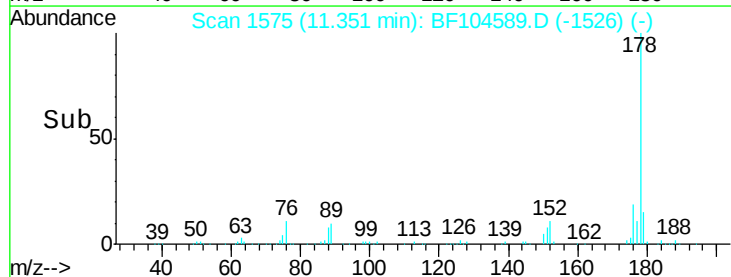
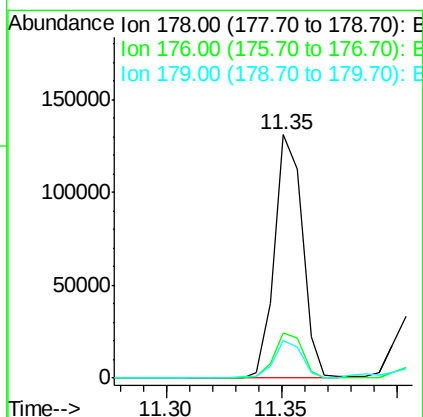
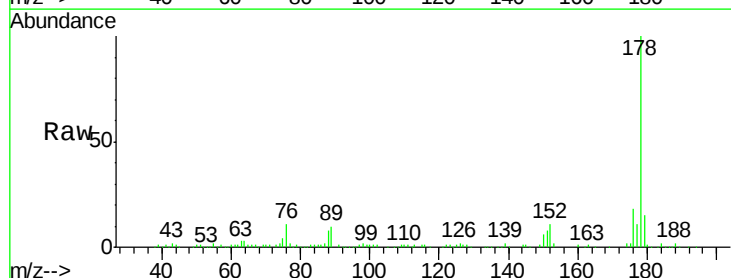
Instrument :
BNA_F
ClientSampleId :
20180244-AMEND-COMP-A

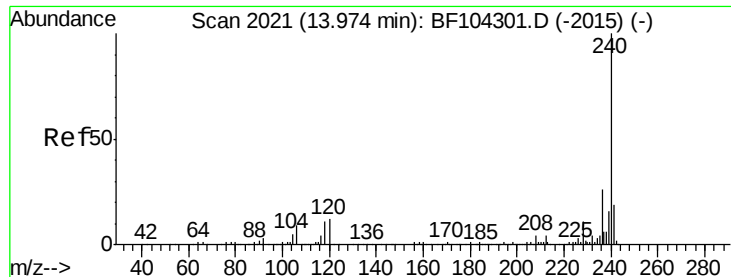
Tot Ion:188 Resp: 425362
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.4 9.2 13.8



#70
Phenanthrene
Concen: 4.664 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Tgt Ion:178 Resp: 110492
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 15.3 13.0 19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104589.D

Acq: 18 Apr 2018 9:46

Instrument :

BNA_F

ClientSampleId :

20180244-AMEND-COMP-A

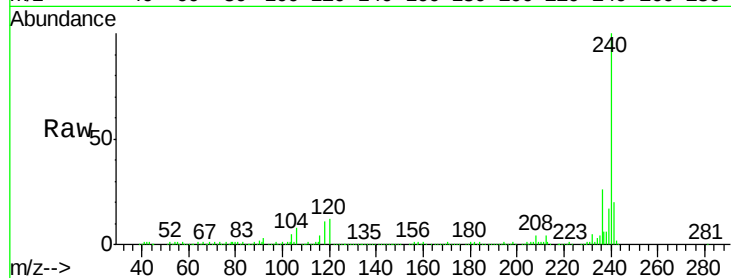
Tot Ion:240 Resp: 302058

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

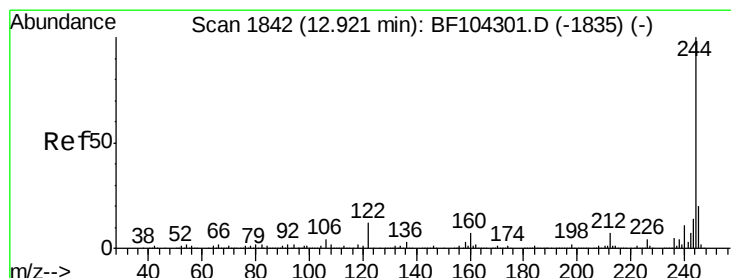
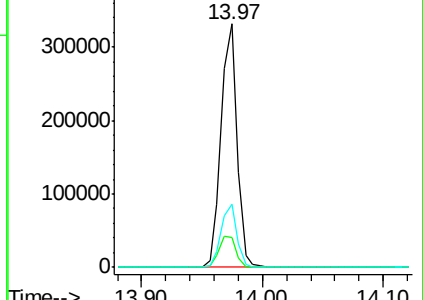
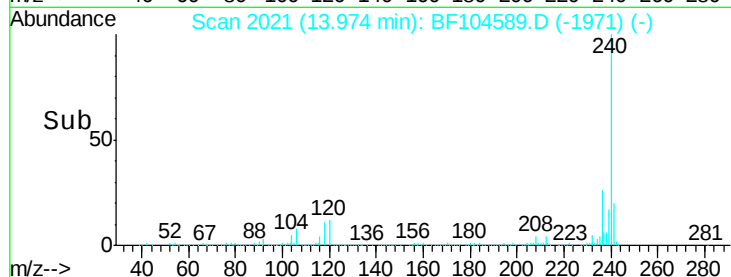
236 26.1 20.7 31.1



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: 102.932 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104589.D

Acq: 18 Apr 2018 9:46

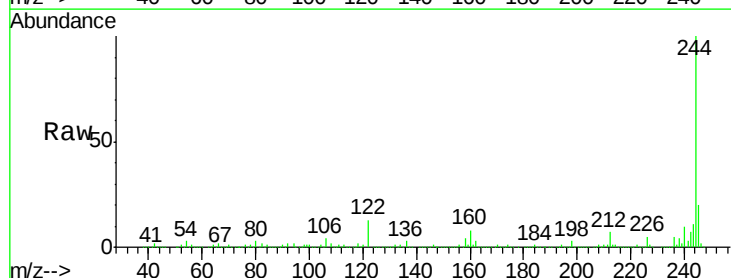
Tgt Ion:244 Resp: 1363757

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

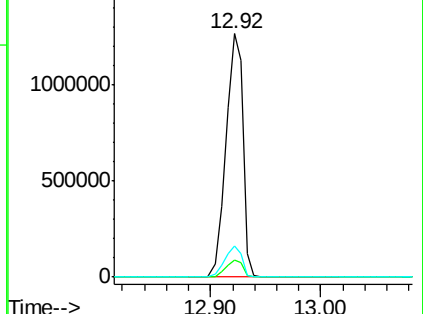
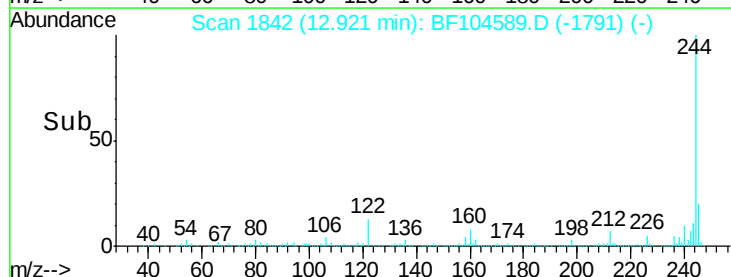
122 12.6 11.0 16.4

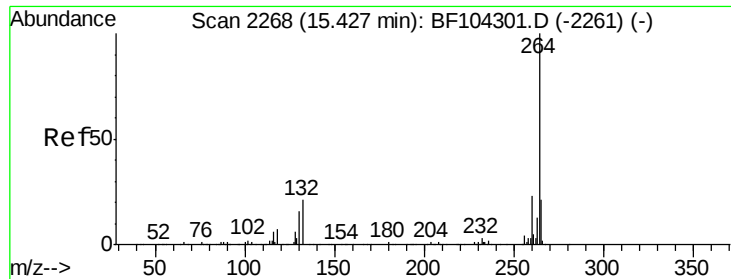


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

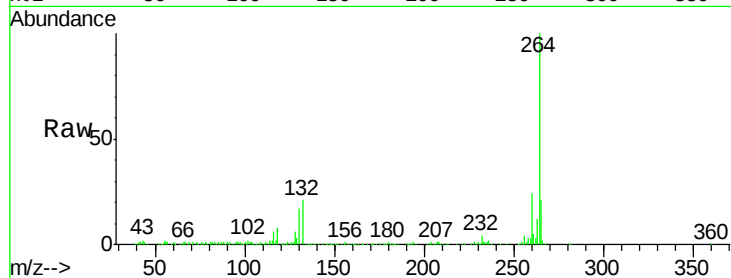




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104589.D
Acq: 18 Apr 2018 9:46

Instrument :
BNA_F
ClientSampleId :
20180244-AMEND-COMP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	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

