

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062619\
 Data File : BF115209.D
 Acq On : 26 Jun 2019 8:54
 Operator : HP/JU
 Sample : K3309-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611

Quant Time: Jun 27 08:48:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	286293	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1081531	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	546724	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1093046	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	933559	20.00	ng	-0.02
87) Perylene-d12	15.09	264	917697	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1001446	53.98	ng	0.00
7) Phenol-d6	6.24	99	743834	33.03	ng	-0.01
23) Nitrobenzene-d5	7.17	82	1599732	90.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	733391	127.21	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2810987	87.33	ng	-0.01
79) Terphenyl-d14	12.70	244	3028927	68.98	ng	0.00

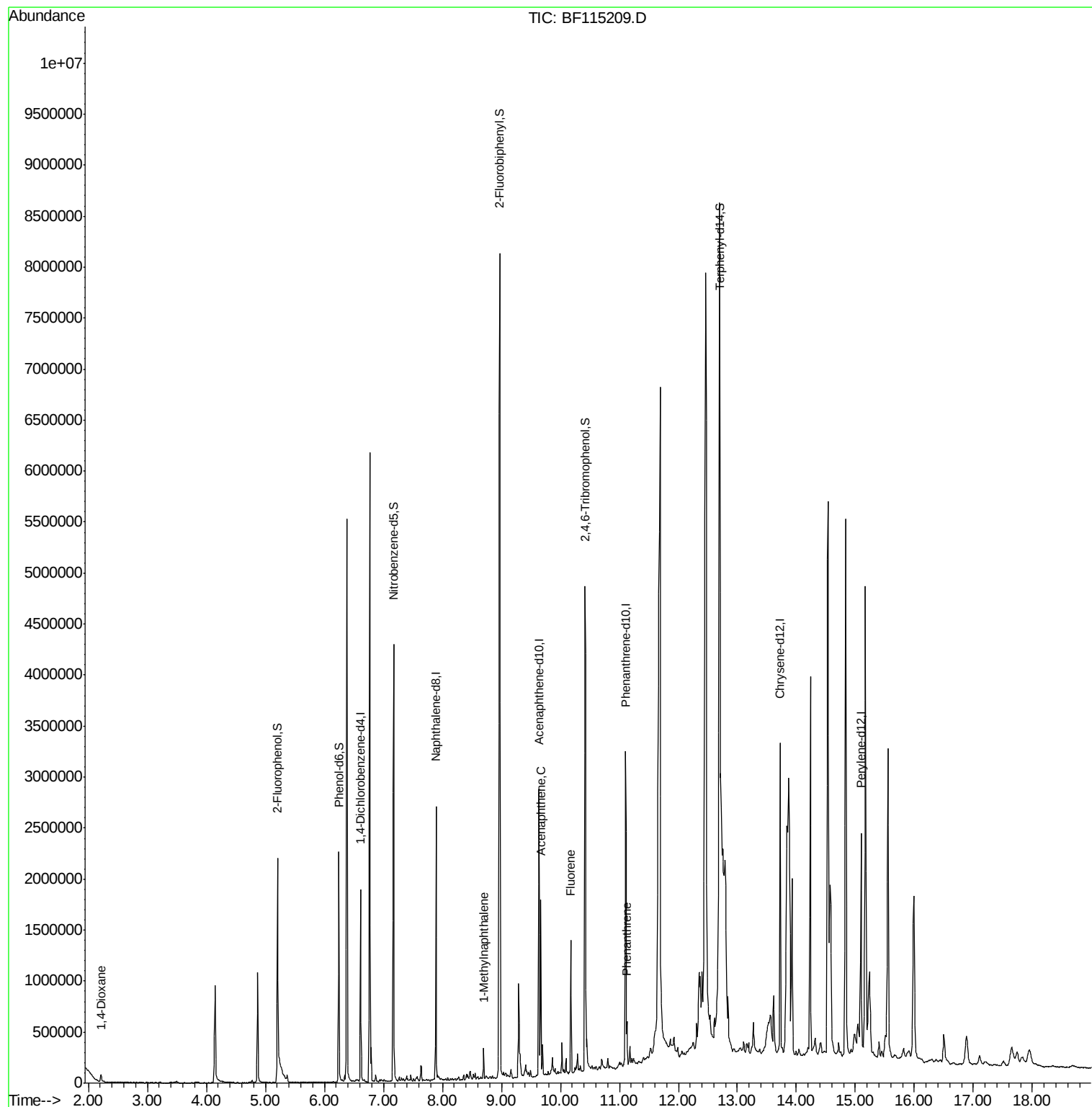
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.21	88	35577	4.063	ng	95
38) 1-Methylnaphthalene	8.70	142	77784	2.275	ng	98
52) Acenaphthene	9.67	154	341276	9.865	ng	99
58) Fluorene	10.18	166	306056	3.128	ng	97
71) Phenanthrene	11.13	178	133646	2.271	ng	96

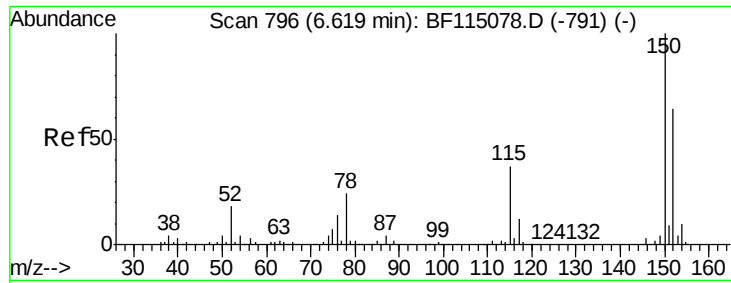
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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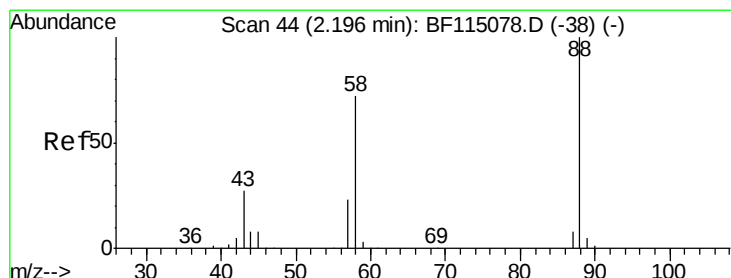
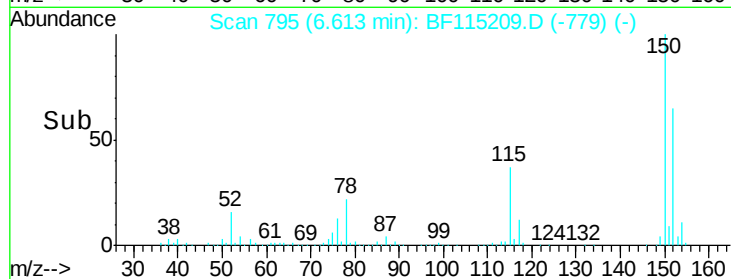
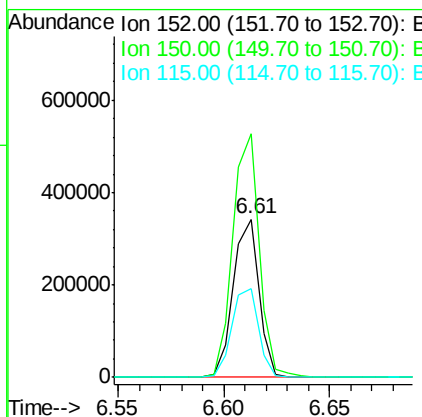
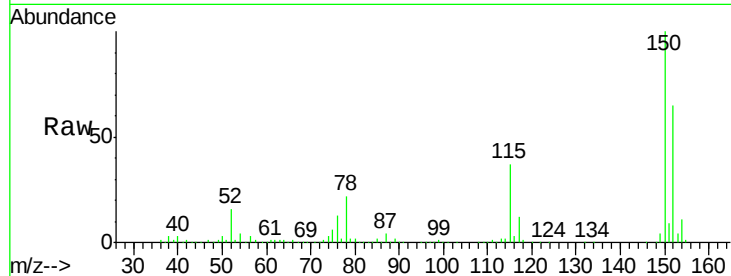




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115209.D
 Acq: 26 Jun 2019 8:54

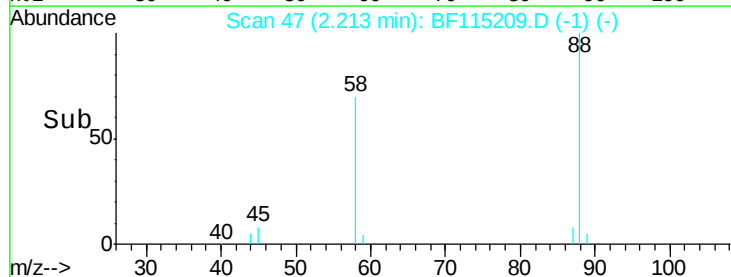
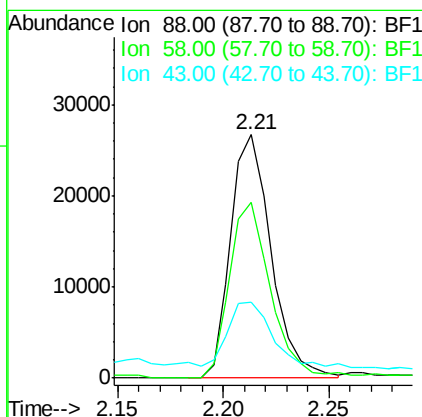
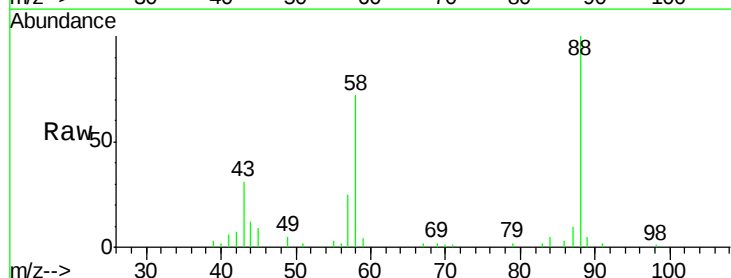
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-190611

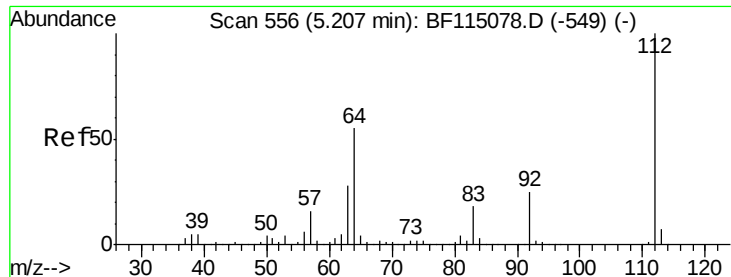
Tgt Ion: 152 Resp: 286293
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.2 186.2
 115 56.2 46.1 69.1



#2
 1,4-Dioxane
 Concen: 4.063 ng
 RT: 2.21 min Scan# 47
 Delta R.T. 0.02 min
 Lab File: BF115209.D
 Acq: 26 Jun 2019 8:54

Tgt Ion: 88 Resp: 35577
 Ion Ratio Lower Upper
 88 100
 58 73.8 56.1 84.1
 43 30.6 21.3 31.9





#5

2-Fluorophenol

Concen: 53.980 ng

RT: 5.21 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611

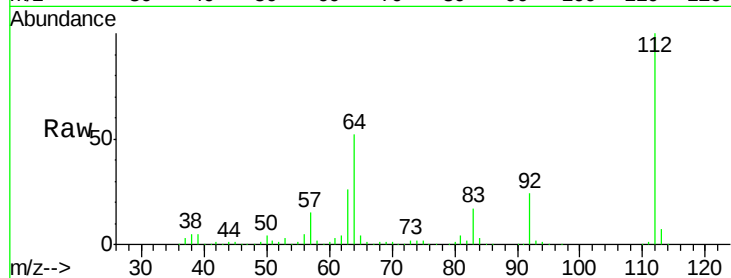
Tgt Ion: 112 Resp: 1001446

Ion Ratio Lower Upper

112 100

64 52.0 43.8 65.6

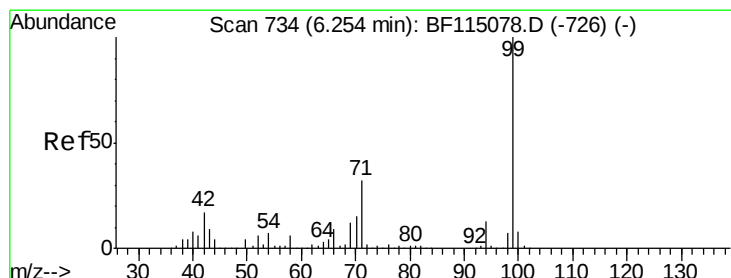
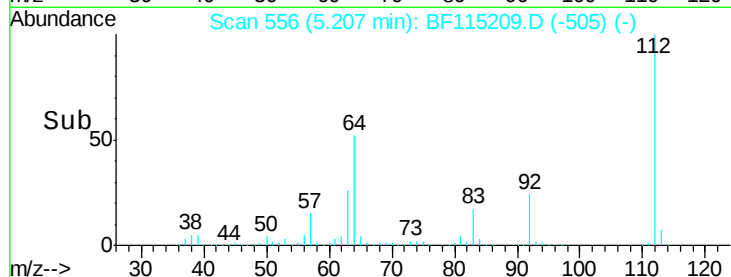
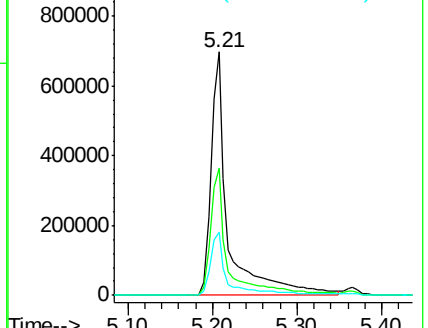
63 25.9 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 33.033 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

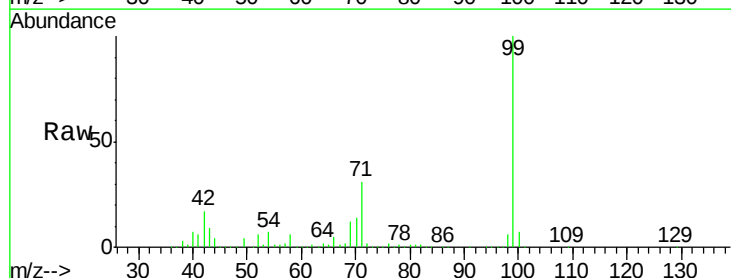
Tgt Ion: 99 Resp: 743834

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

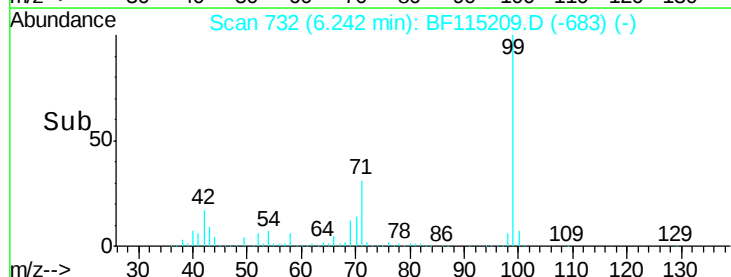
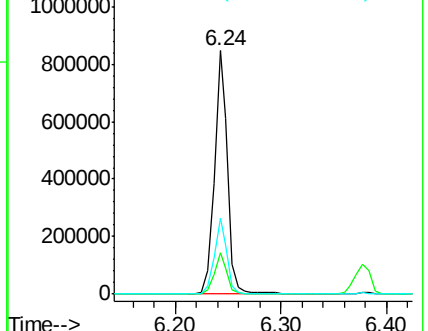
71 31.3 25.5 38.3

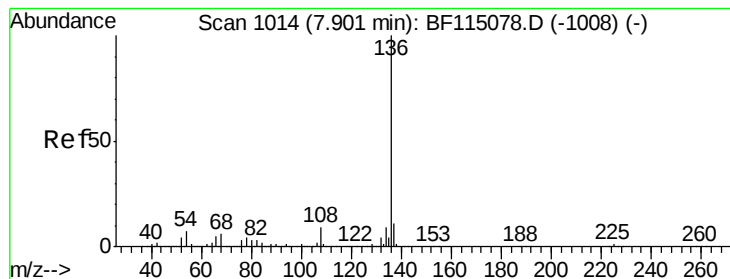


Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611

Tgt Ion:136 Resp: 1081531

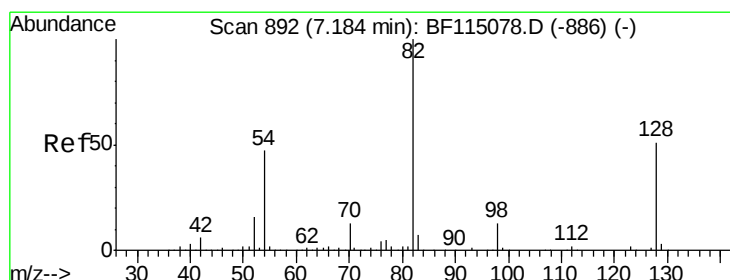
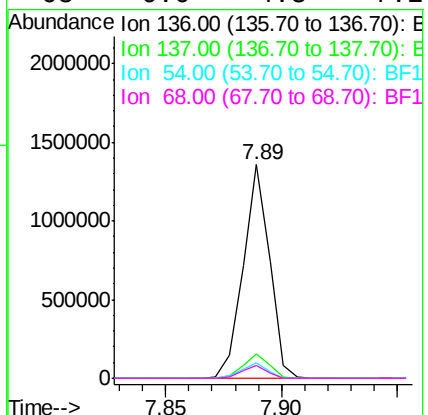
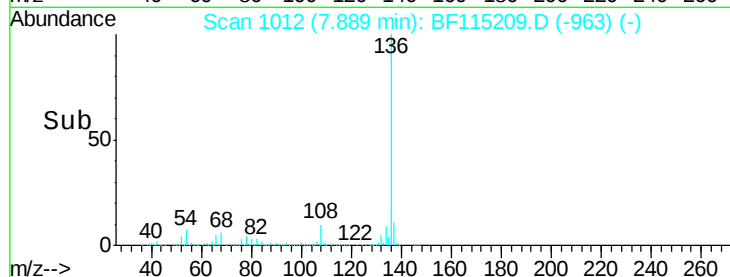
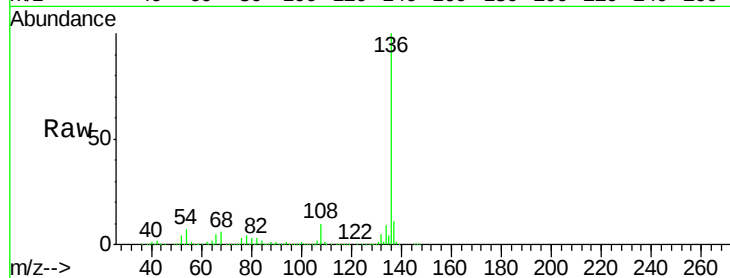
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.1 5.6 8.4

68 6.0 4.8 7.2



#23

Nitrobenzene-d5

Concen: 90.990 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

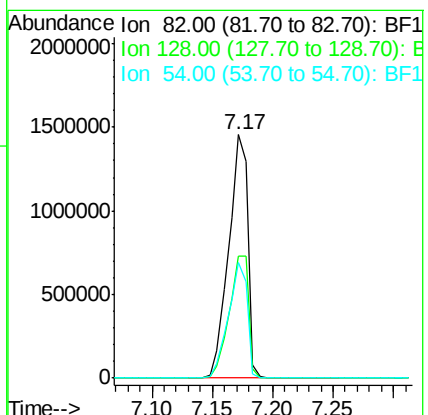
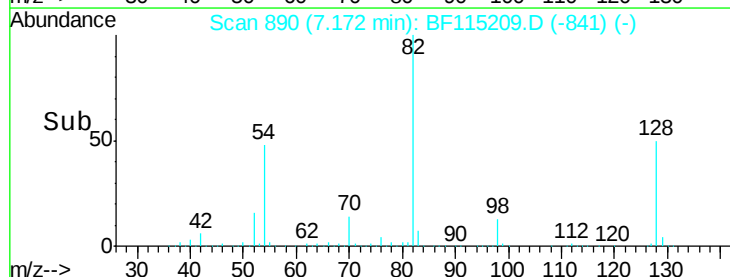
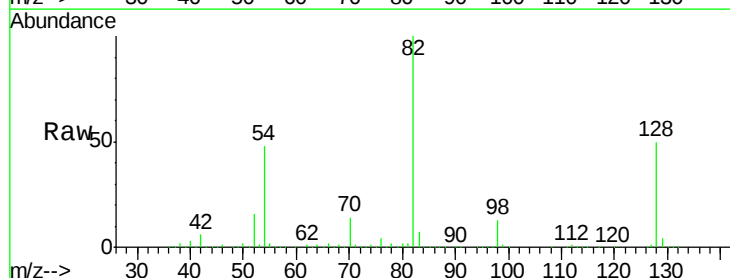
Tgt Ion: 82 Resp: 1599732

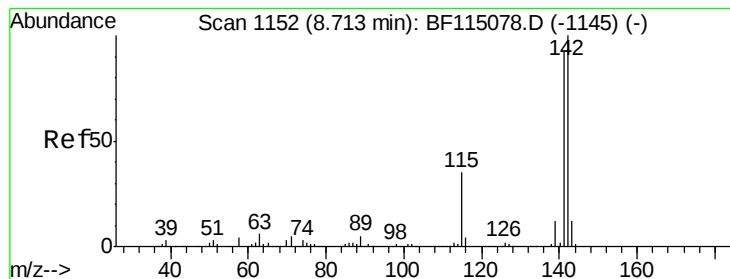
Ion Ratio Lower Upper

82 100

128 50.3 40.4 60.6

54 47.7 37.5 56.3





#38

1-Methylnaphthalene

Concen: 2.275 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SS043MW010-190611

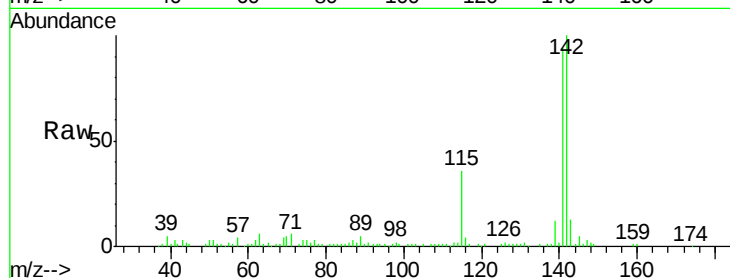
Tgt Ion:142 Resp: 77784

Ion Ratio Lower Upper

142 100

141 94.3 73.8 110.8

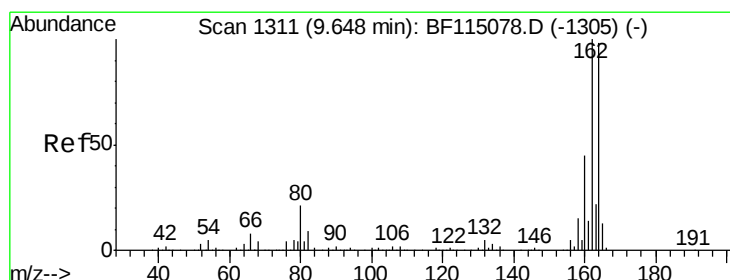
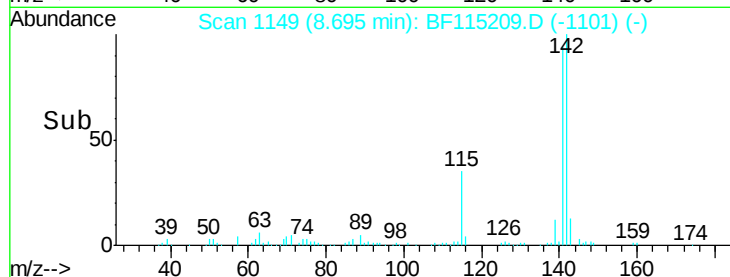
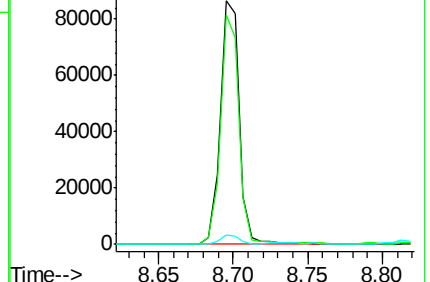
116 4.0 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

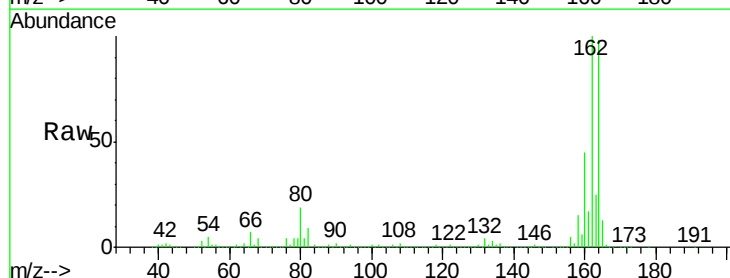
Tgt Ion:164 Resp: 546724

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

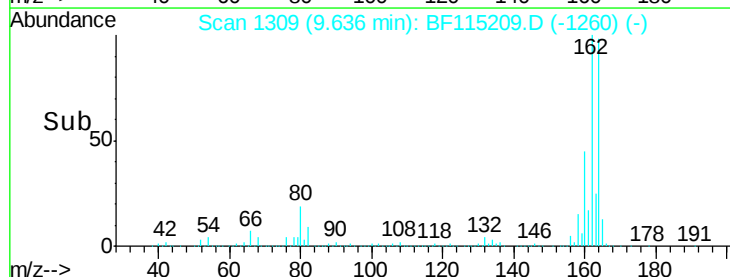
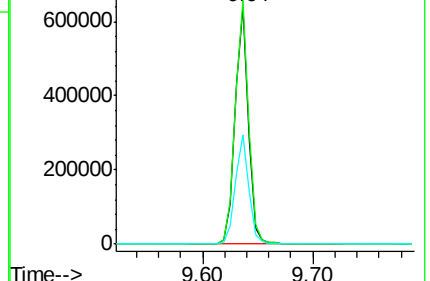
160 45.7 37.0 55.4

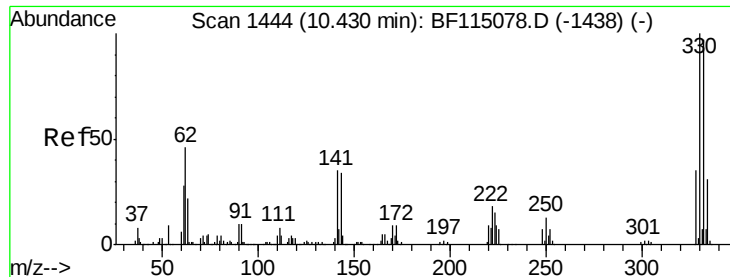


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

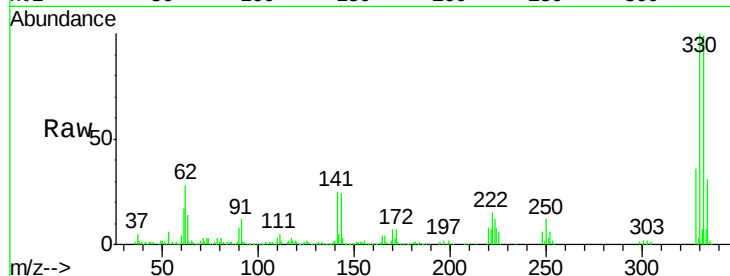




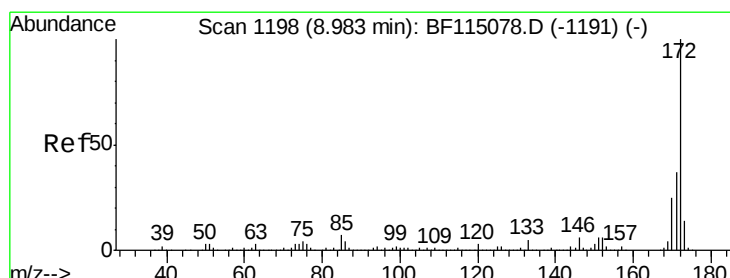
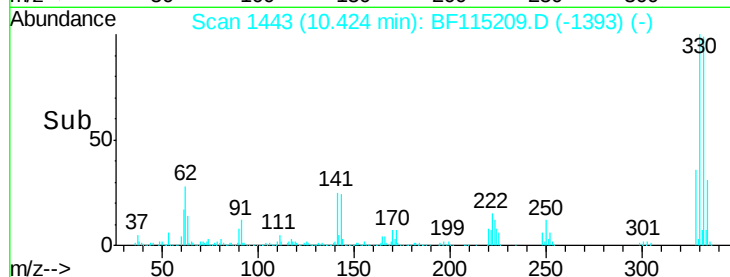
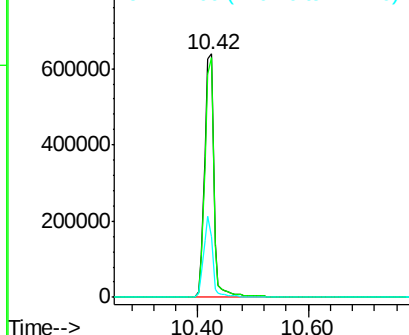
#42
 2,4,6-Tribromophenol
 Concen: 127.206 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115209.D
 Acq: 26 Jun 2019 8:54

Instrument :
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 SS043MW010-190611

Tgt Ion:330 Resp: 733391
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 32.1 28.2 42.2

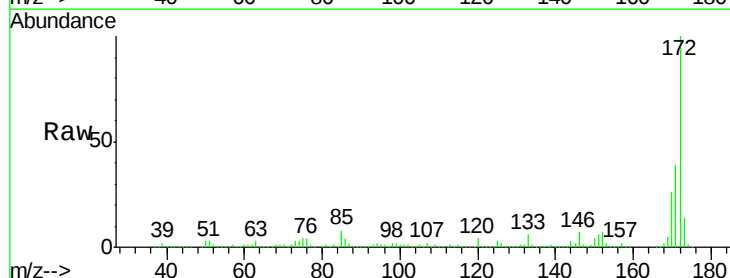


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

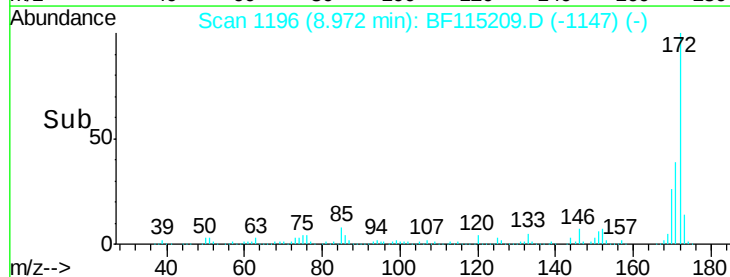
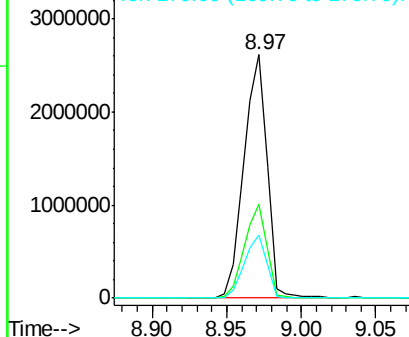


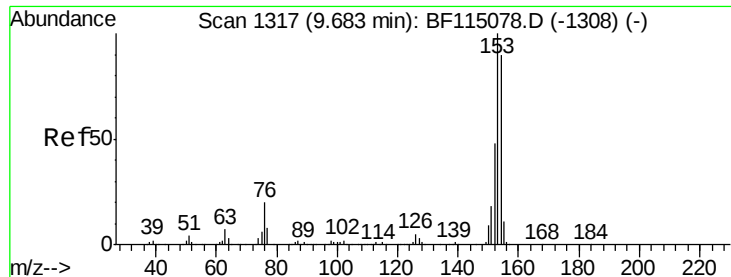
#45
 2-Fluorobiphenyl
 Concen: 87.335 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115209.D
 Acq: 26 Jun 2019 8:54

Tgt Ion:172 Resp: 2810987
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.8 44.6
 170 26.0 20.3 30.5



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





#52

Acenaphthene

Concen: 9.865 ng

RT: 9.67 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

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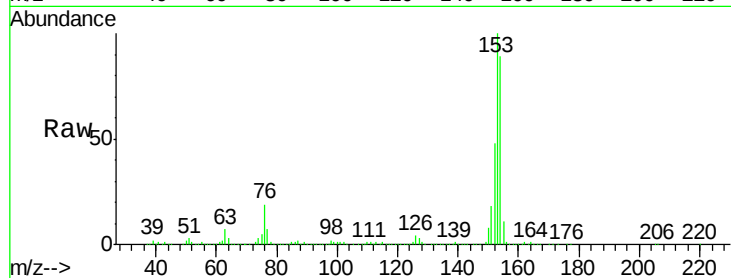
Tgt Ion:154 Resp: 341276

Ion Ratio Lower Upper

154 100

153 112.1 88.7 133.1

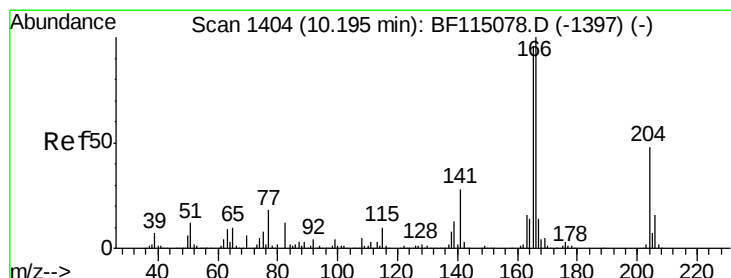
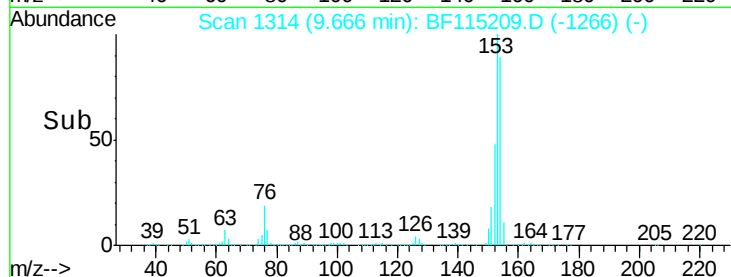
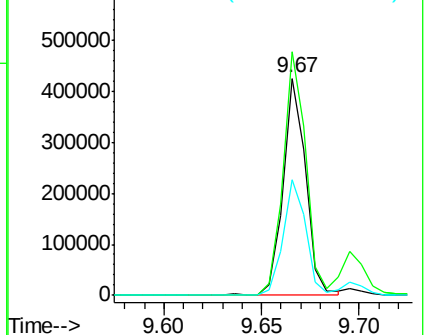
152 53.4 42.6 64.0



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



#58

Fluorene

Concen: 3.128 ng

RT: 10.18 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BF115209.D

Acq: 26 Jun 2019 8:54

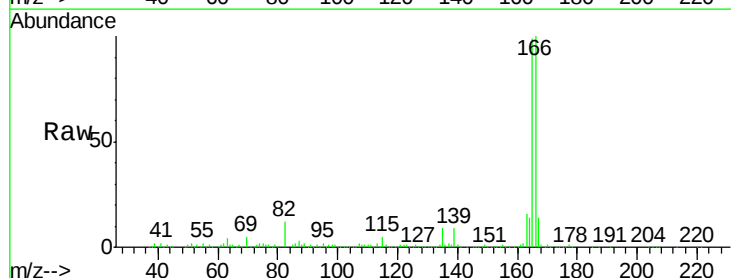
Tgt Ion:166 Resp: 306056

Ion Ratio Lower Upper

166 100

165 98.6 76.5 114.7

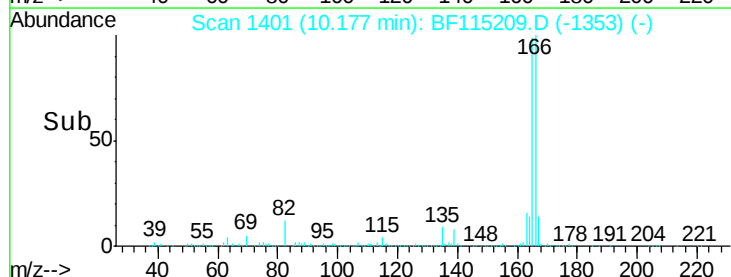
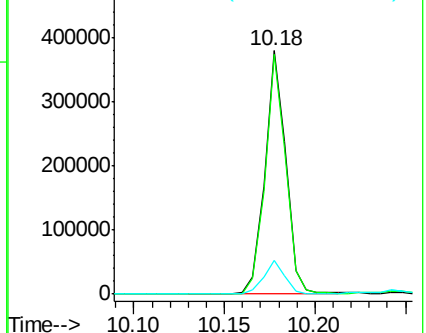
167 13.9 11.0 16.4

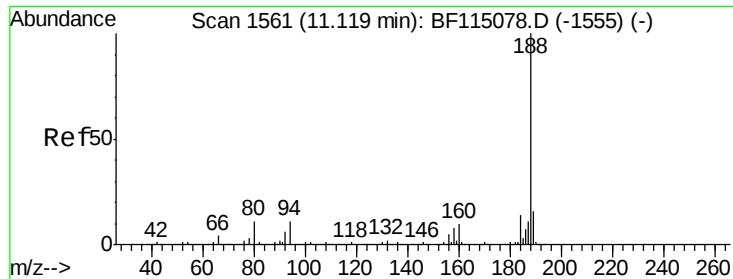


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

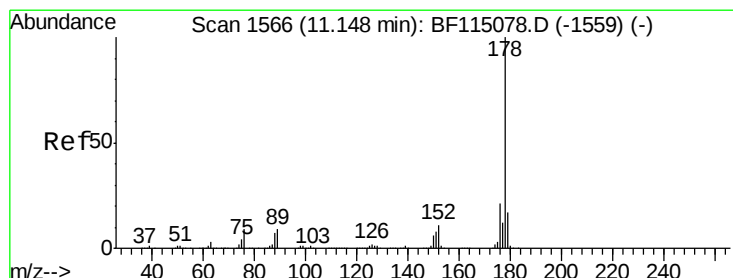
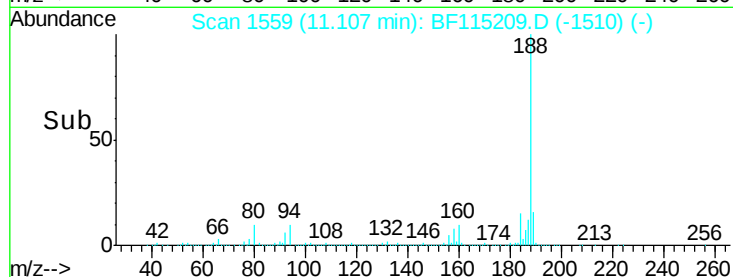
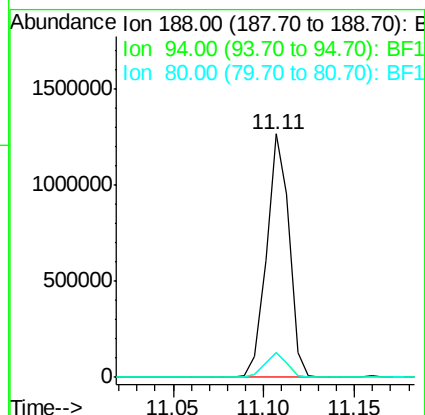
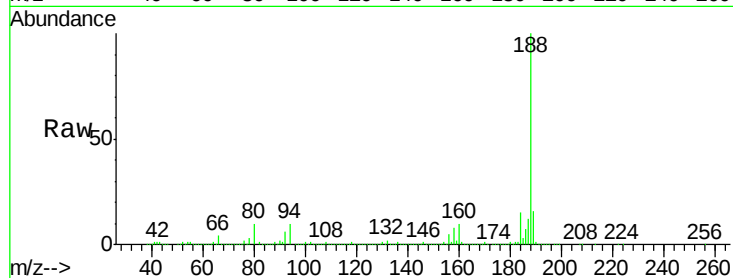




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115209.D
Acq: 26 Jun 2019 8:54

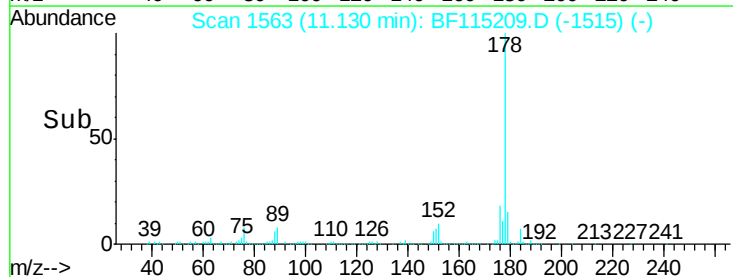
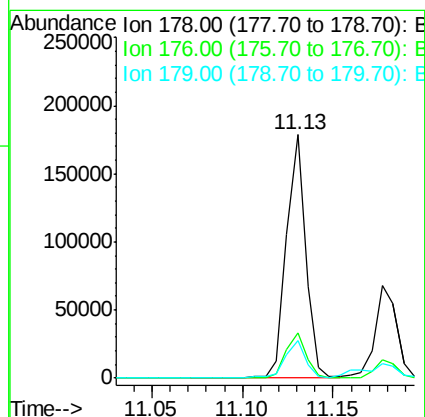
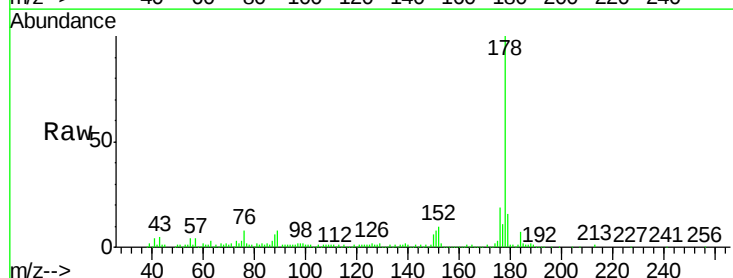
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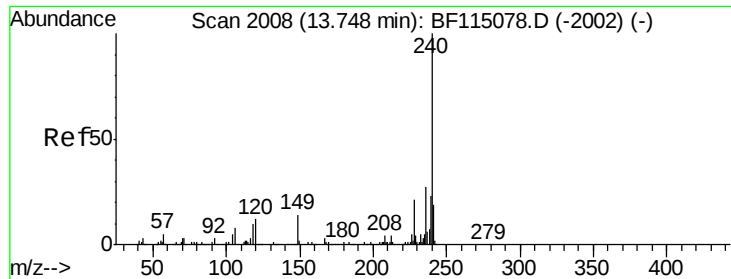
Tgt Ion:188 Resp: 1093046
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.3 8.8 13.2



#71
Phenanthrene
Concen: 2.271 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115209.D
Acq: 26 Jun 2019 8:54

Tgt Ion:178 Resp: 133646
Ion Ratio Lower Upper
178 100
176 18.7 16.9 25.3
179 15.5 13.2 19.8

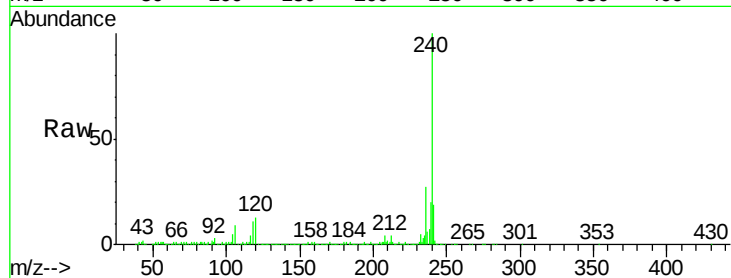




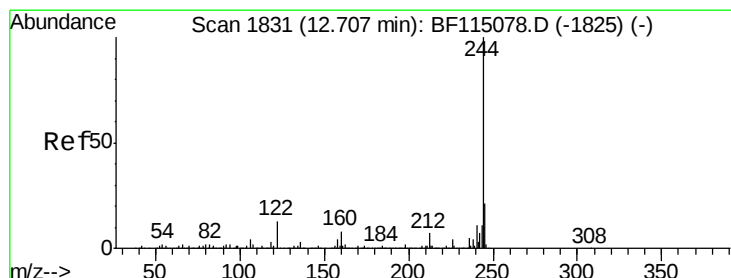
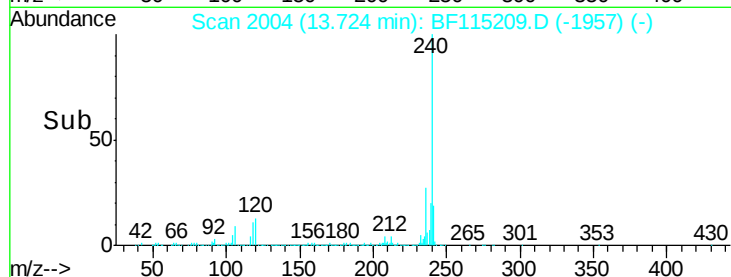
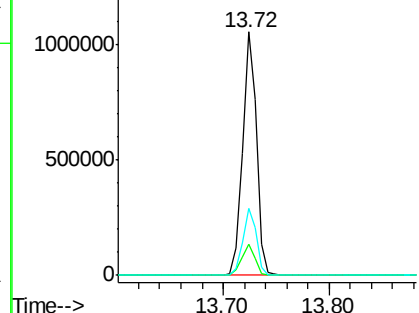
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115209.D
Acq: 26 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611

Tgt Ion:240 Resp: 933559
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 27.4 21.7 32.5

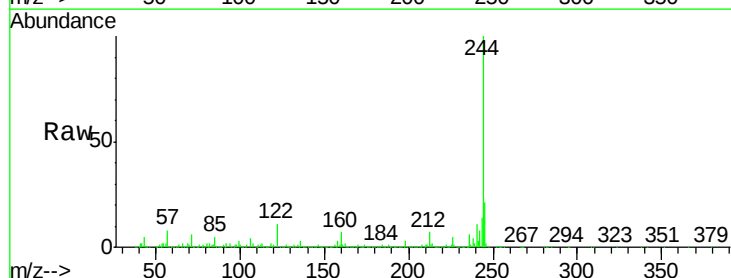


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

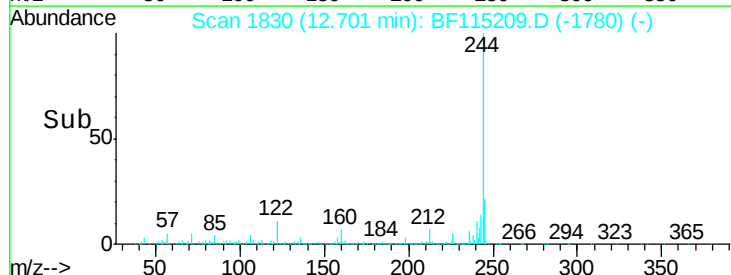
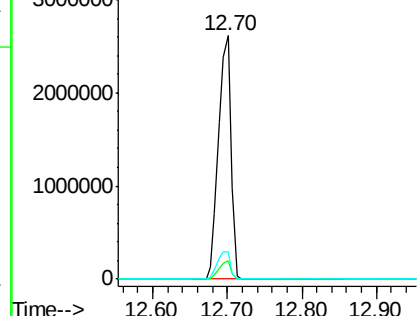


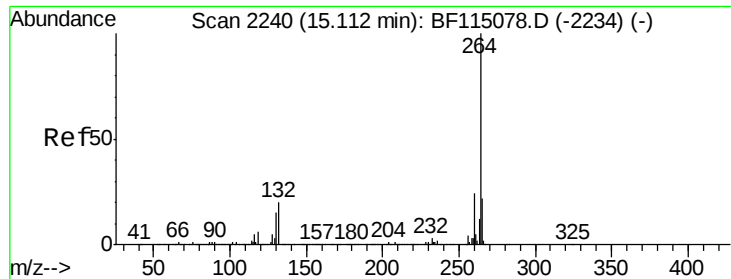
#79
Terphenyl-d14
Concen: 68.983 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115209.D
Acq: 26 Jun 2019 8:54

Tgt Ion:244 Resp: 3028927
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 11.2 10.4 15.6



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115209.D
Acq: 26 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SS043MW010-190611

Tgt Ion: 264 Resp: 917697

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.5	17.3	25.9

