

Data File : BF100553.D
Acq On : 14 Nov 2017 20:03
Operator : SJ/JU
Sample : I6307-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-A

Quant Time: Nov 15 00:56:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	112770	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	402748	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	147246	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	248452	20.00	ng	0.00
75) Chrysene-d12	14.04	240	262369	20.00	ng	0.00
86) Perylene-d12	15.52	264	188116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	169791	24.14	ng	0.00
7) Phenol-d6	6.50	99	196816	22.69	ng	-0.01
23) Nitrobenzene-d5	7.44	82	107342	17.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	29841	19.89	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	194641	20.13	ng	0.00
78) Terphenyl-d14	12.99	244	163927	14.36	ng	0.00
Target Compounds						
26) 2-Nitrophenol	7.83	139	129	5.42	ng	# 1
47) 2-Nitroaniline	9.49	65	424	2.93	ng	# 23
49) Dimethylphthalate	9.63	163	36888	3.28	ng	# 95
62) Azobenzene	10.63	77	22746	2.15	ng	# 1

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

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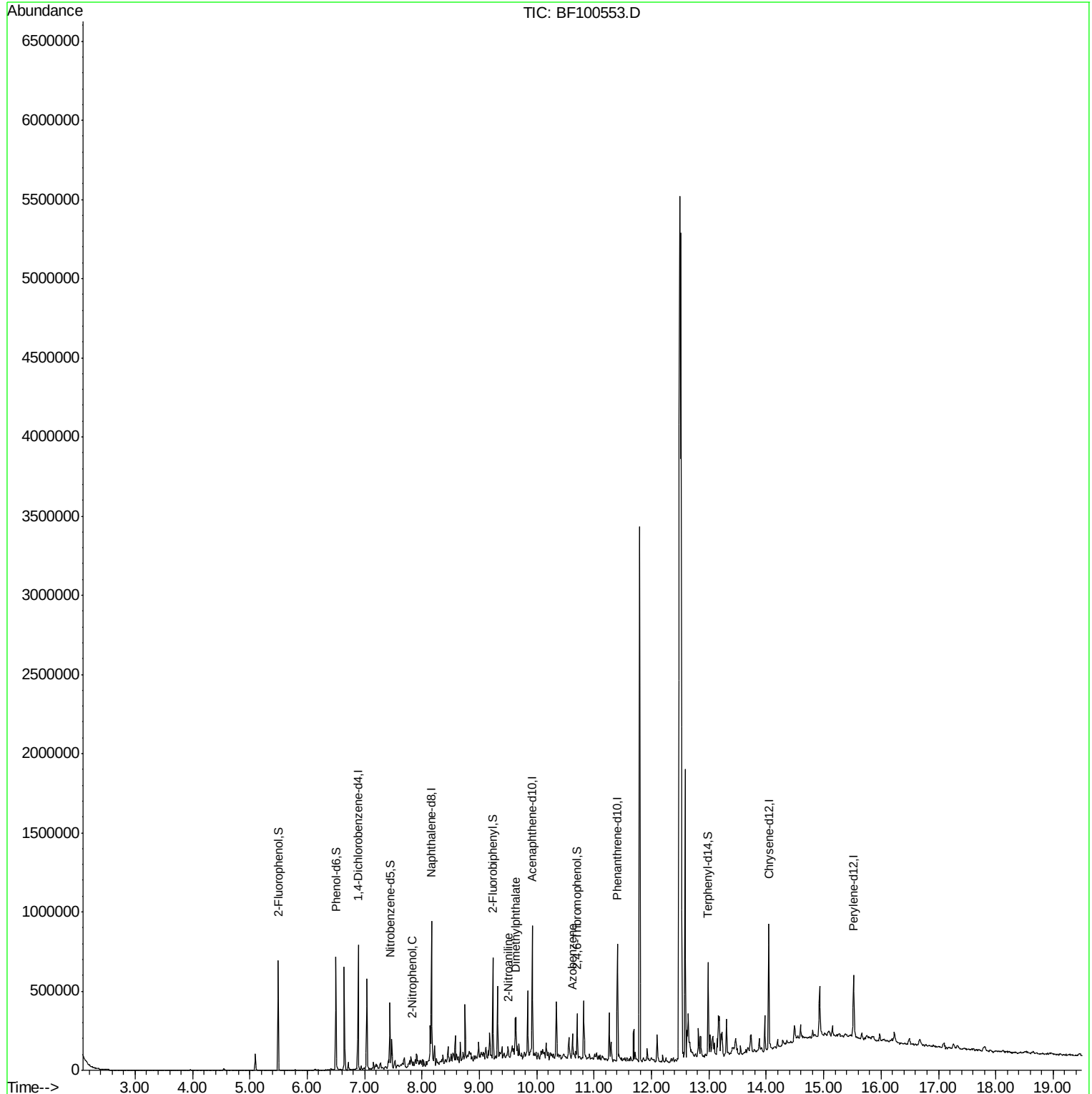
Quant Time: Nov 15 00:56:09 2017

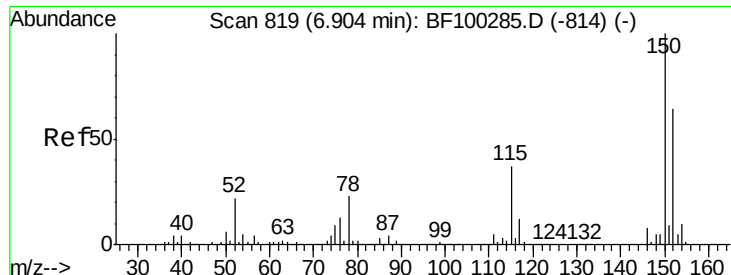
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Nov 14 14:17:16 2017

Response via : Initial Calibration

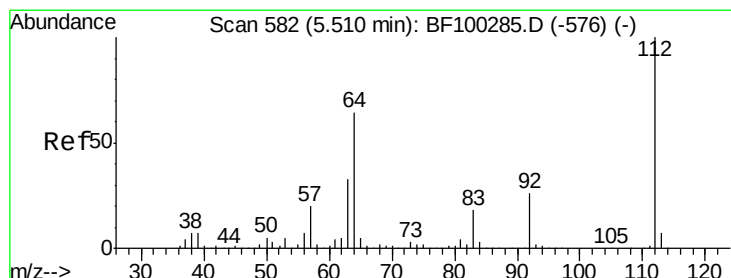
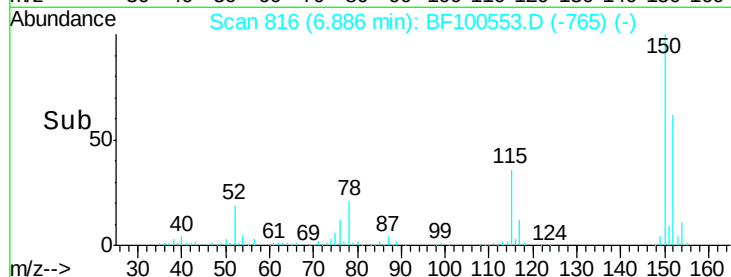
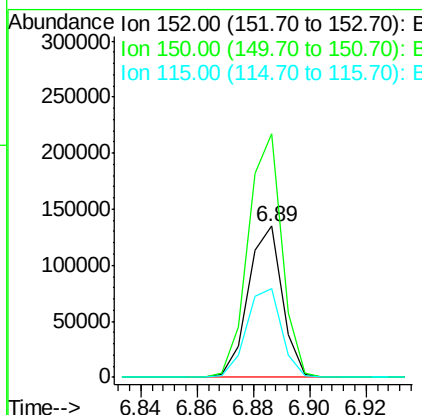
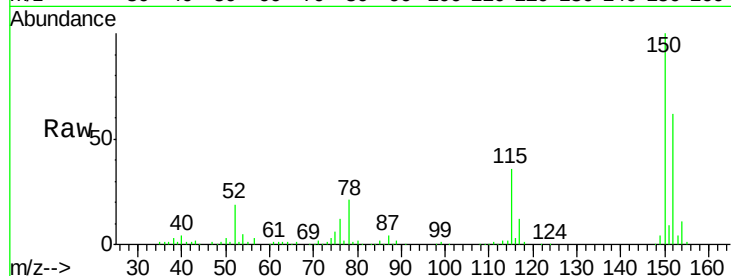




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

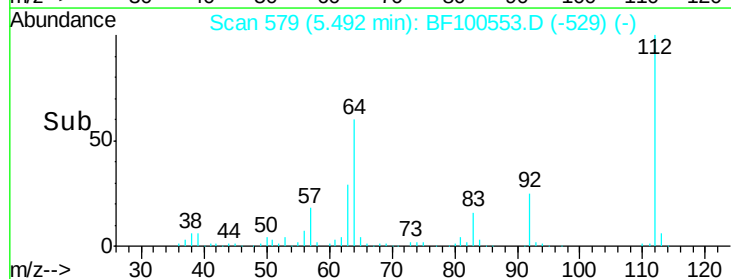
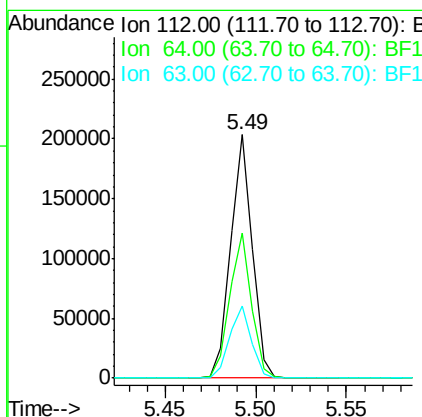
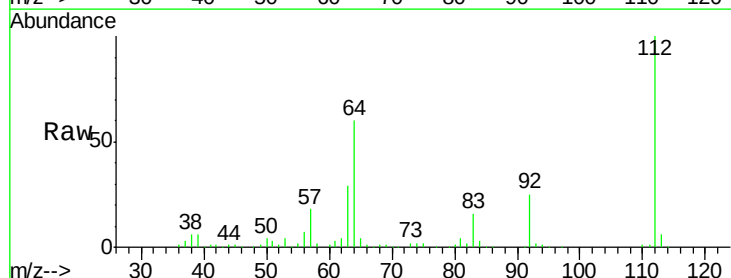
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

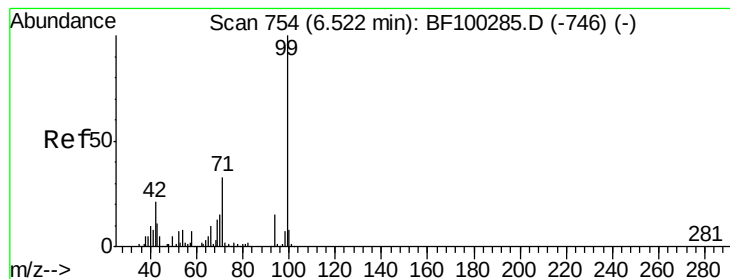
Tgt Ion:152 Resp: 112770
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.6 186.8
 115 58.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 24.14 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

Tgt Ion:112 Resp: 169791
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 22.69 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-A

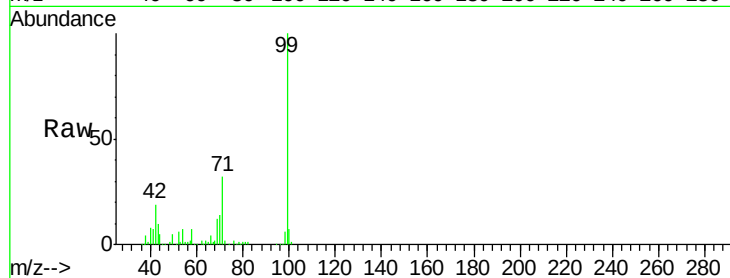
Tgt Ion: 99 Resp: 196816

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

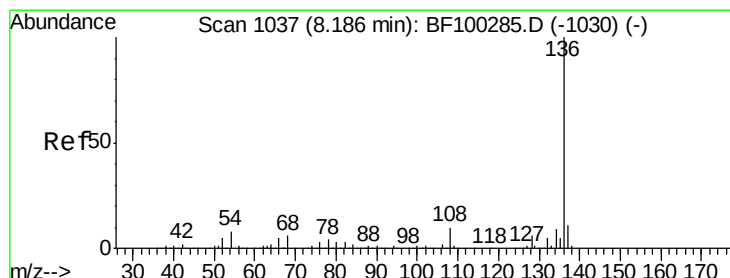
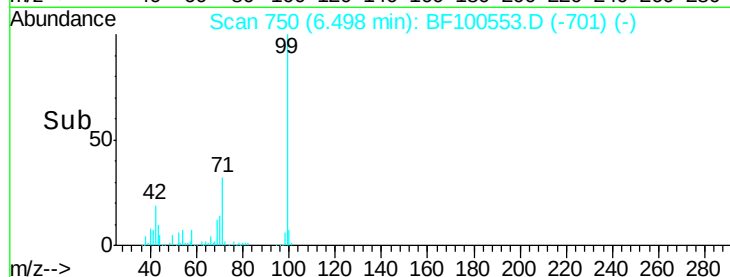
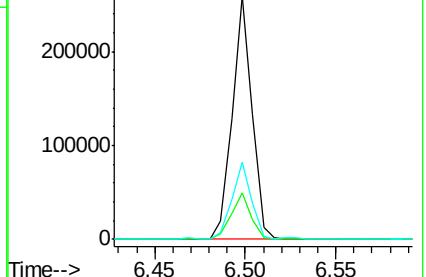
71 31.7 25.4 38.0



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: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

Tgt Ion: 136 Resp: 402748

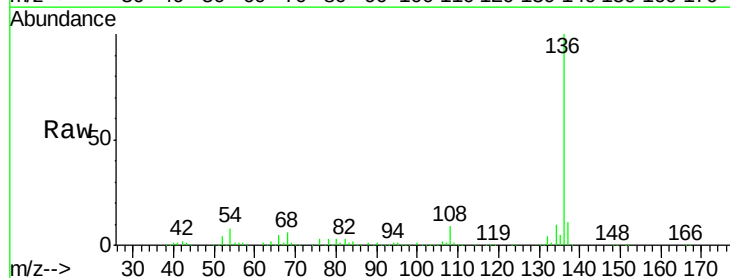
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.9 6.6 9.8

68 5.7 5.0 7.4

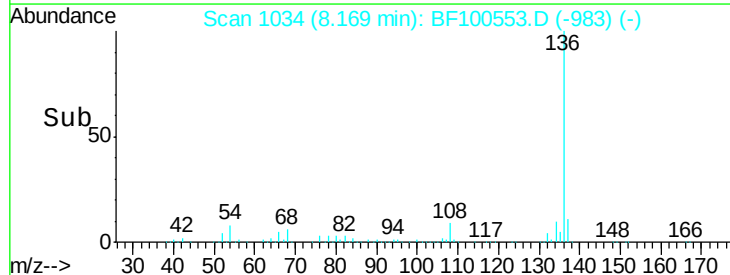
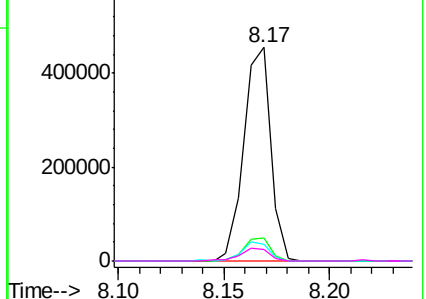


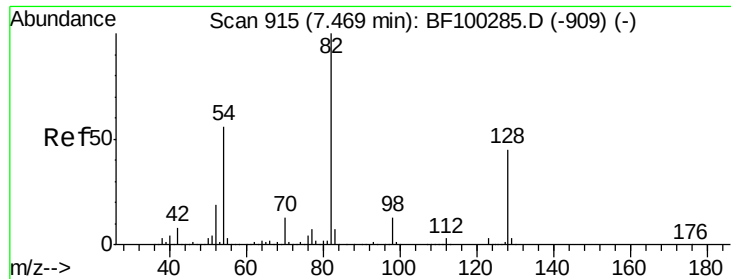
Abundance Ion 136.00 (135.70 to 136.70): E

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

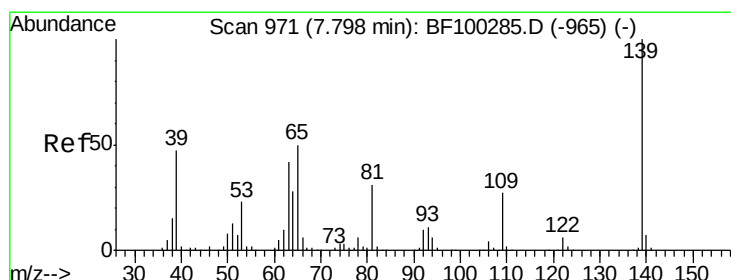
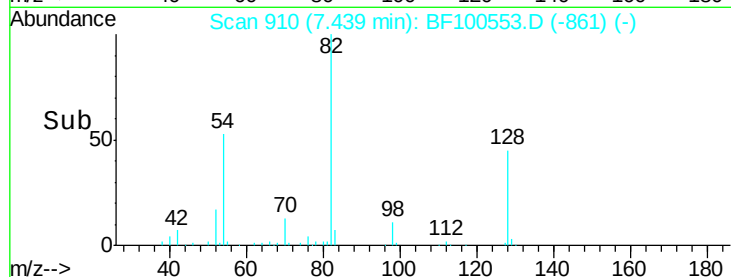
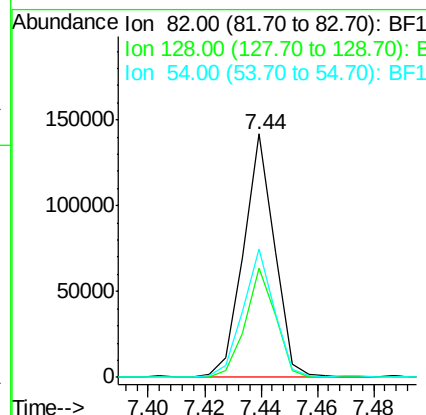
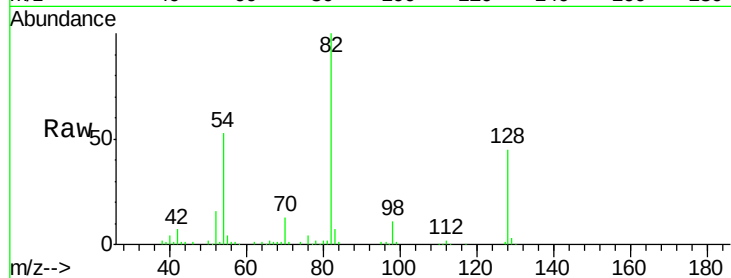




#23
 Nitrobenzene-d5
 Concen: 17.62 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

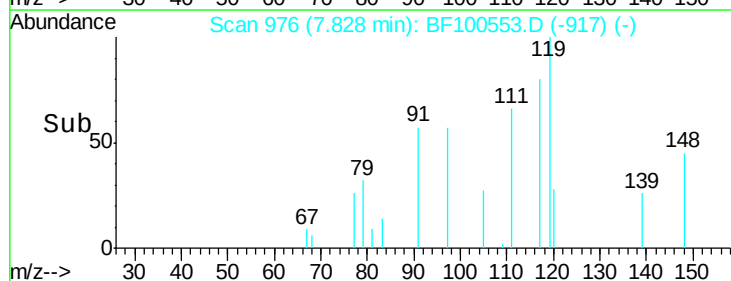
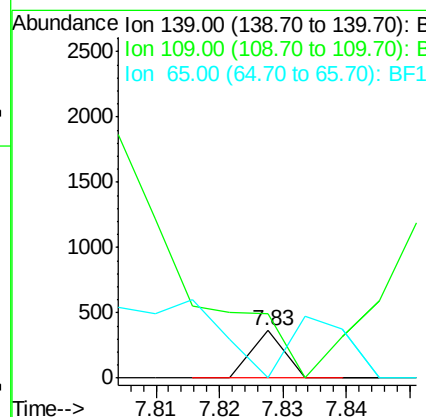
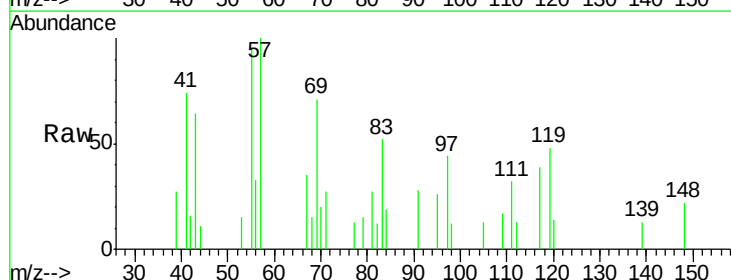
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

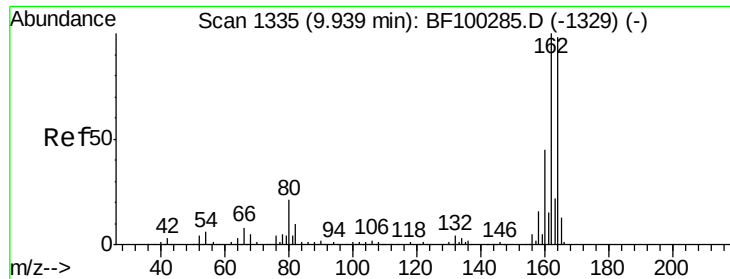
Tgt Ion: 82 Resp: 107342
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 52.7 41.4 62.2



#26
 2-Nitrophenol
 Concen: 5.42 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.05 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

Tgt Ion: 139 Resp: 129
 Ion Ratio Lower Upper
 139 100
 109 136.4 22.7 34.1#
 65 0.0 40.5 60.7#

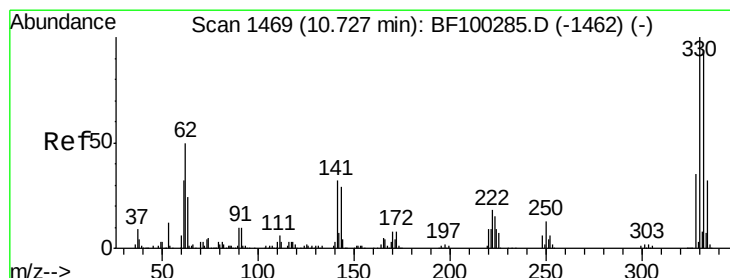
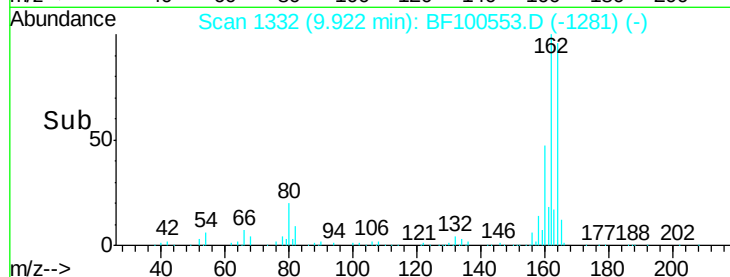
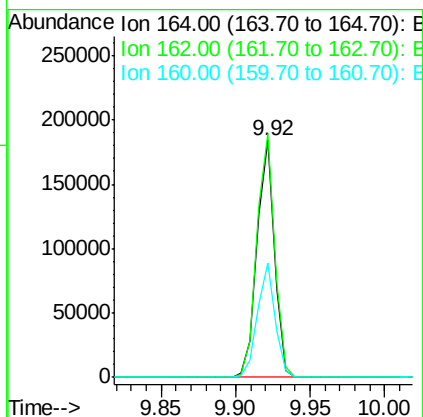
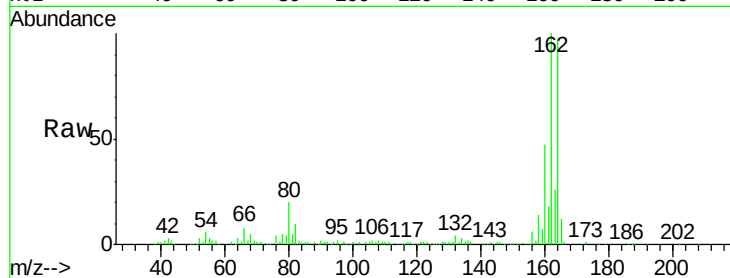




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

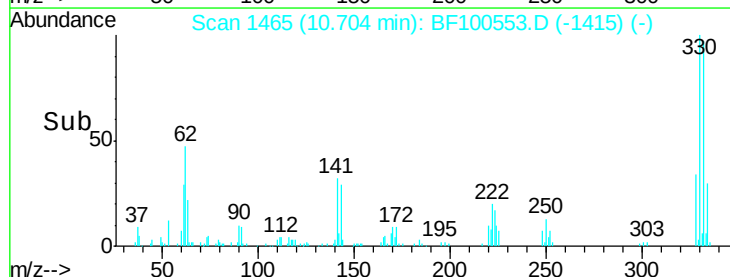
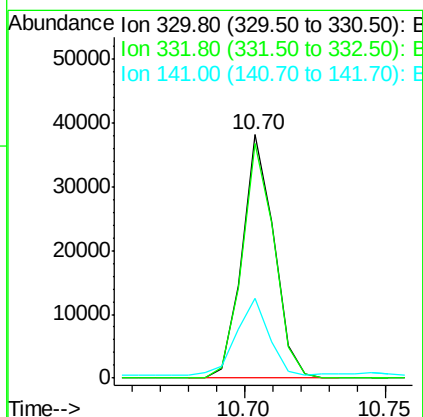
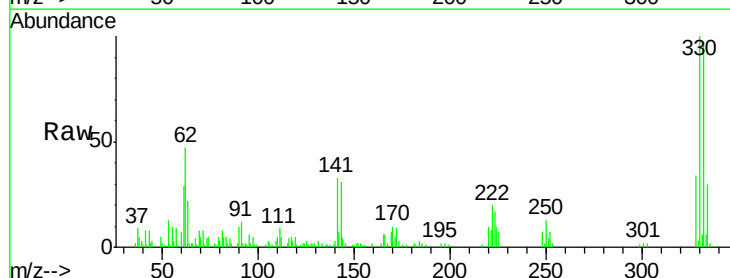
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-A

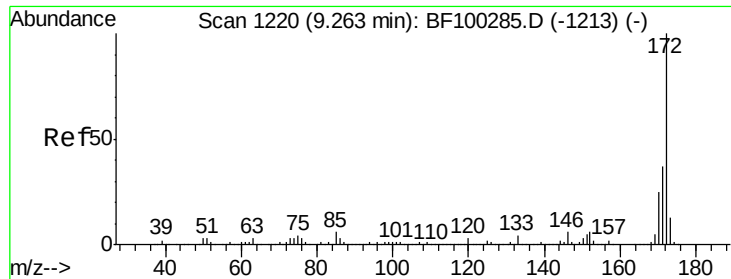
Tgt Ion:164 Resp: 147246
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 48.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 19.89 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

Tgt Ion:330 Resp: 29841
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 32.7 29.9 44.9

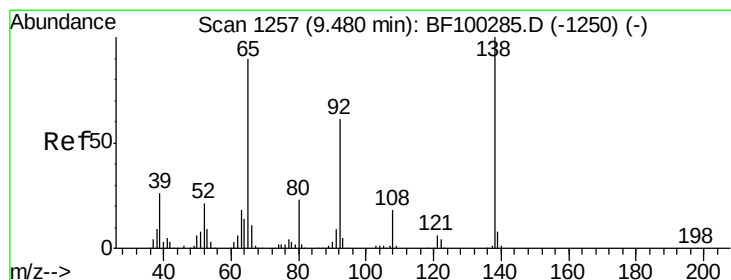
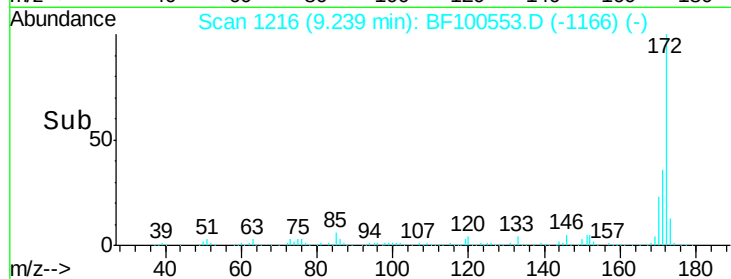
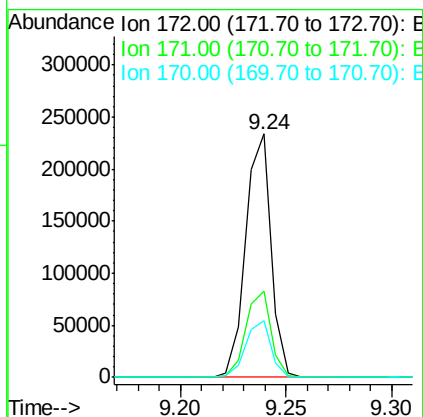
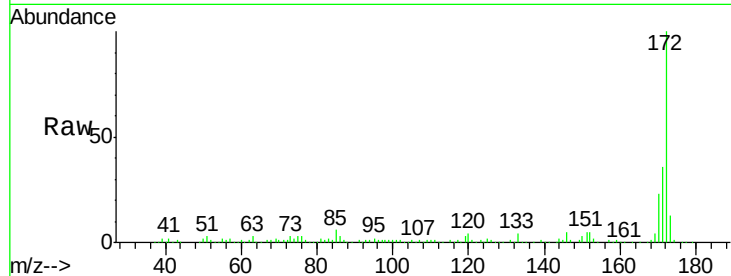




#44
 2-Fluorobiphenyl
 Concen: 20.13 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

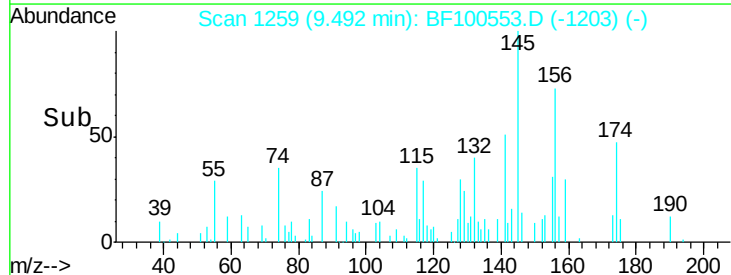
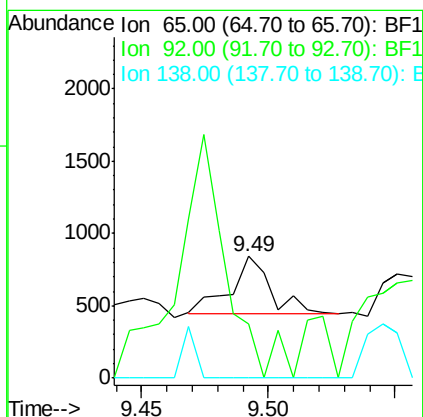
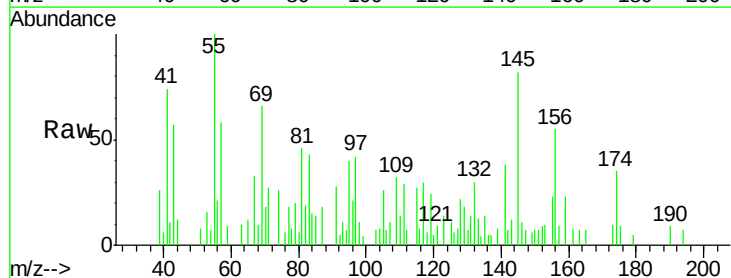
Instrument :
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 ClientSampleId :
 EO-02-111017-A

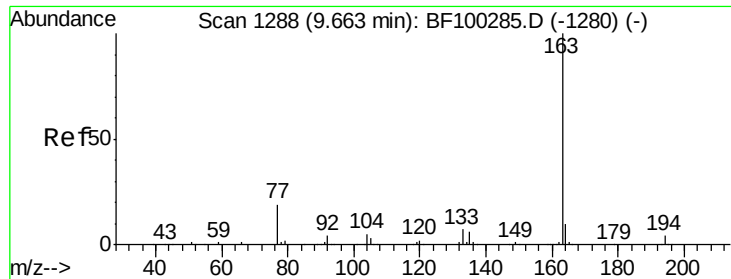
Tgt Ion: 172 Resp: 194641
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.2 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.93 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.03 min
 Lab File: BF100553.D
 Acq: 14 Nov 2017 20:03

Tgt Ion: 65 Resp: 424
 Ion Ratio Lower Upper
 65 100
 92 44.8 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 3.28 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

Instrument :

BNA_F

ClientSampleId :

EO-02-111017-A

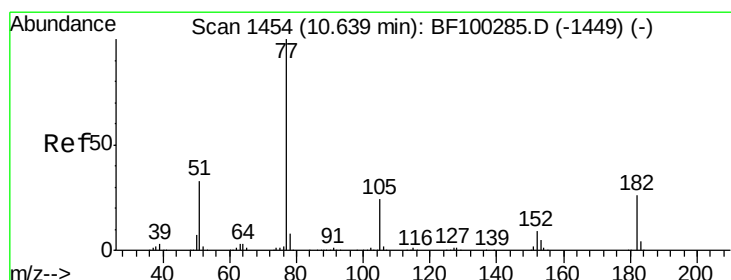
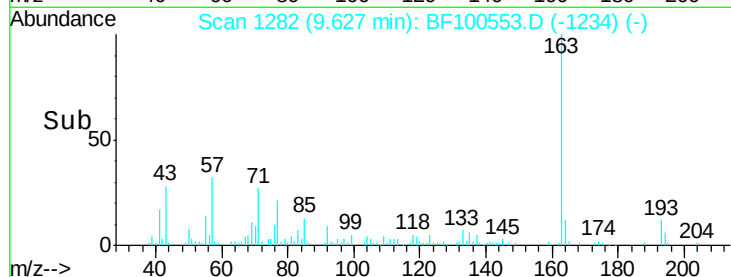
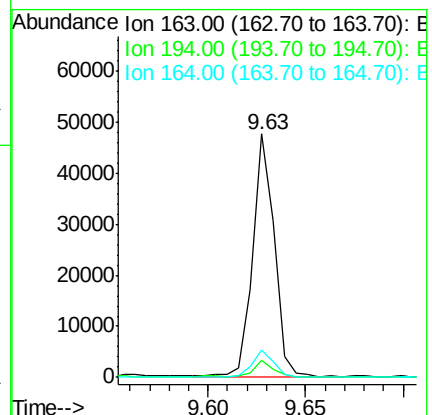
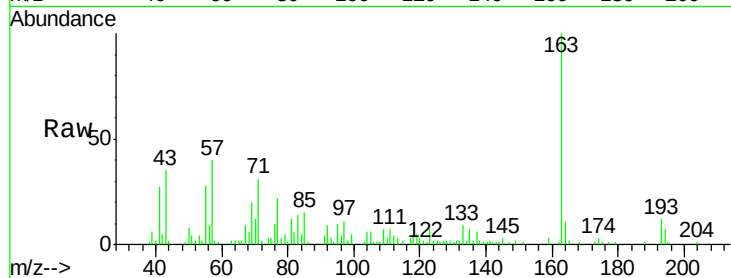
Tgt Ion: 163 Resp: 36888

Ion Ratio Lower Upper

163 100

194 7.2 2.7 4.1#

164 11.4 8.2 12.2



#62

Azobenzene

Concen: 2.15 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

Tgt Ion: 77 Resp: 22746

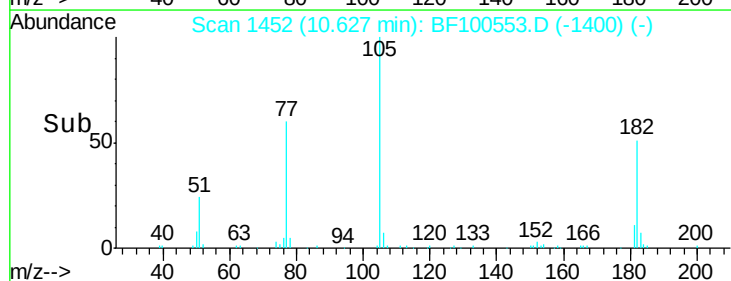
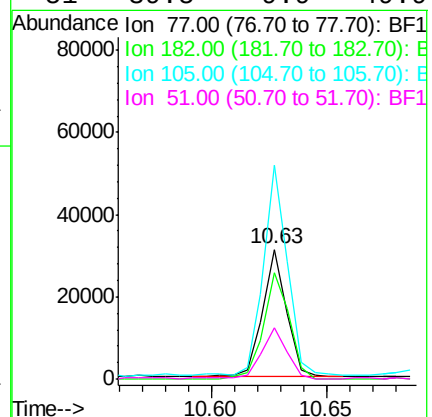
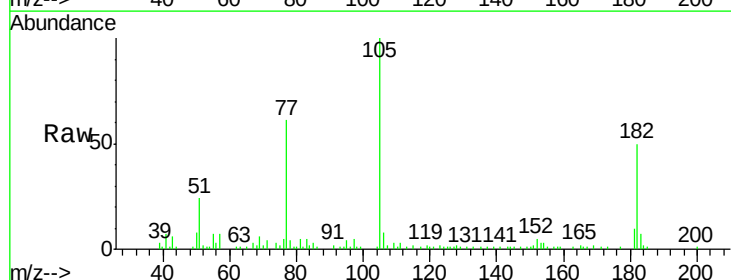
Ion Ratio Lower Upper

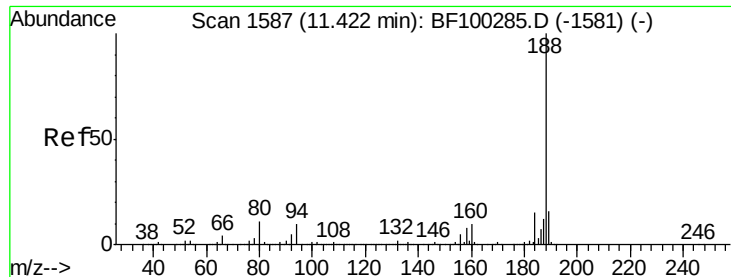
77 100

182 82.3 1.7 41.7#

105 164.5 3.0 43.0#

51 39.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

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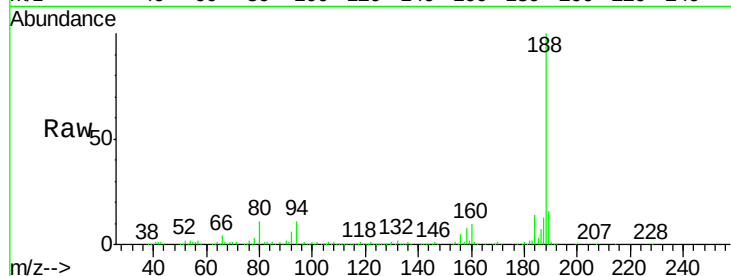
Tgt Ion:188 Resp: 248452

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

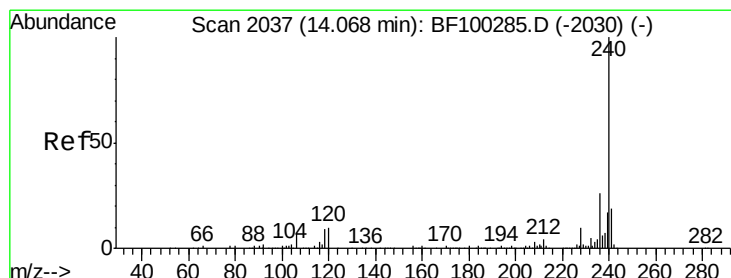
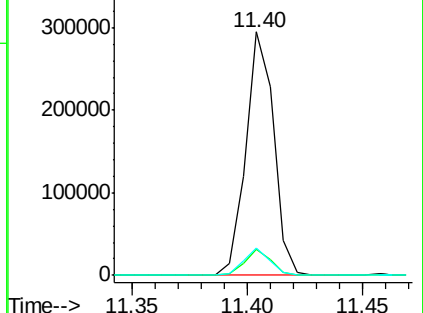
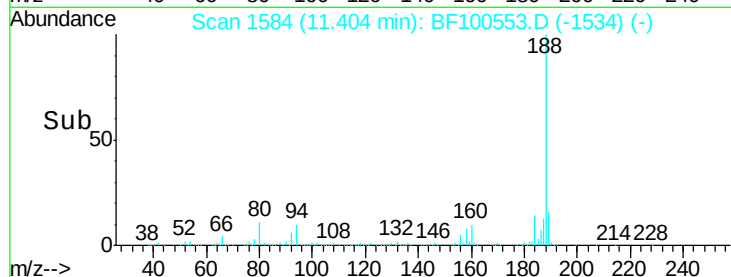
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

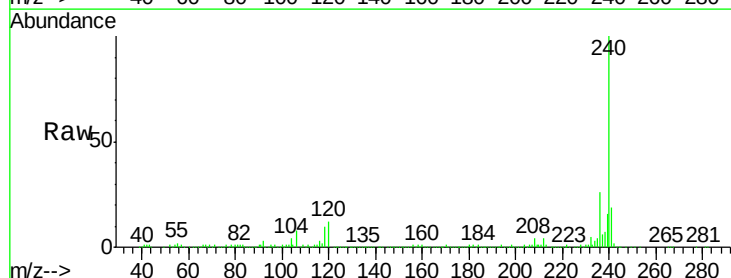
Tgt Ion:240 Resp: 262369

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

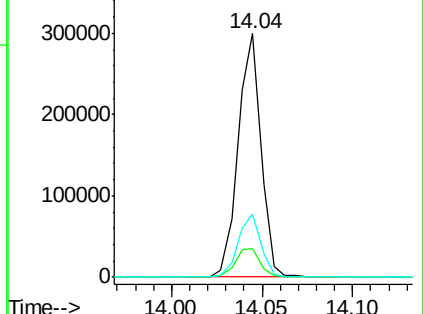
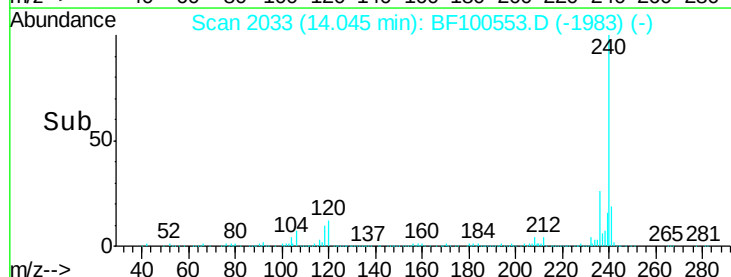
236 26.2 20.7 31.1

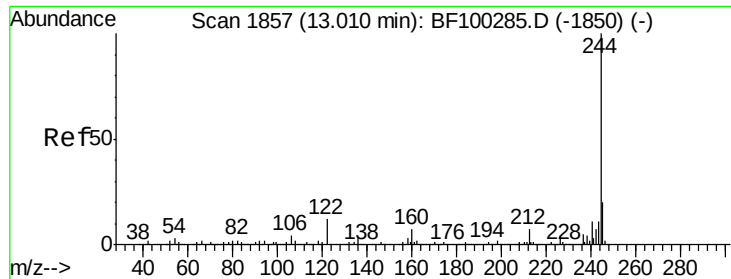


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.36 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

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EO-02-111017-A

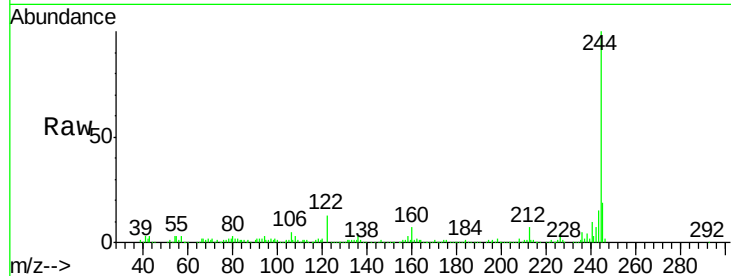
Tgt Ion:244 Resp: 163927

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

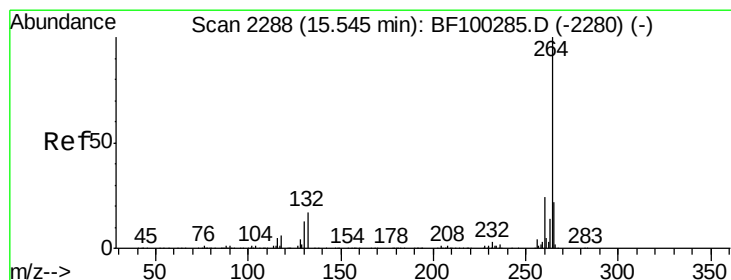
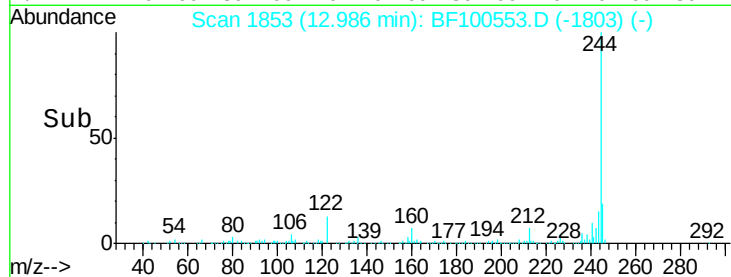
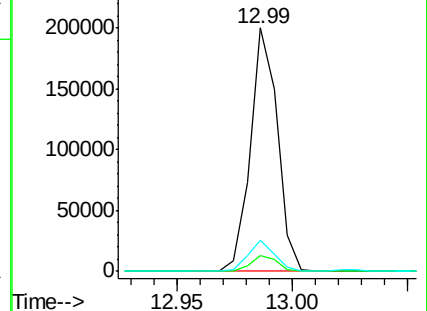
122 12.7 11.0 16.4



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: 20.00 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF100553.D

Acq: 14 Nov 2017 20:03

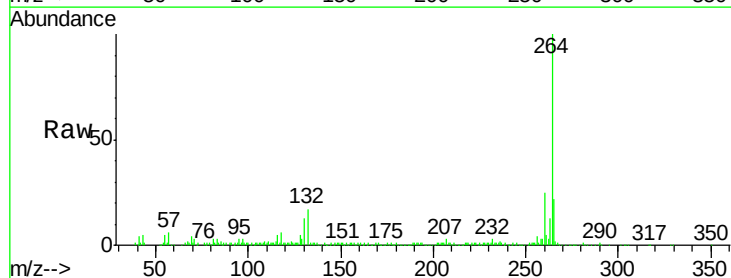
Tgt Ion:264 Resp: 188116

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.9 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

