

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100616.D
 Acq On : 16 Nov 2017 4:47
 Operator : SJ/JU
 Sample : I6465-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111017-TDO-E-U-M

Quant Time: Nov 16 07:05:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	118999	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	457766	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	207370	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	374639	20.00	ng	0.00
75) Chrysene-d12	14.04	240	226951	20.00	ng	-0.01
86) Perylene-d12	15.51	264	238516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	318557	42.91	ng	0.00
7) Phenol-d6	6.50	99	247136	27.00	ng	-0.02
23) Nitrobenzene-d5	7.45	82	652632	94.26	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	183822	86.99	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1224917	89.95	ng	0.00
78) Terphenyl-d14	12.99	244	902333	91.35	ng	0.00

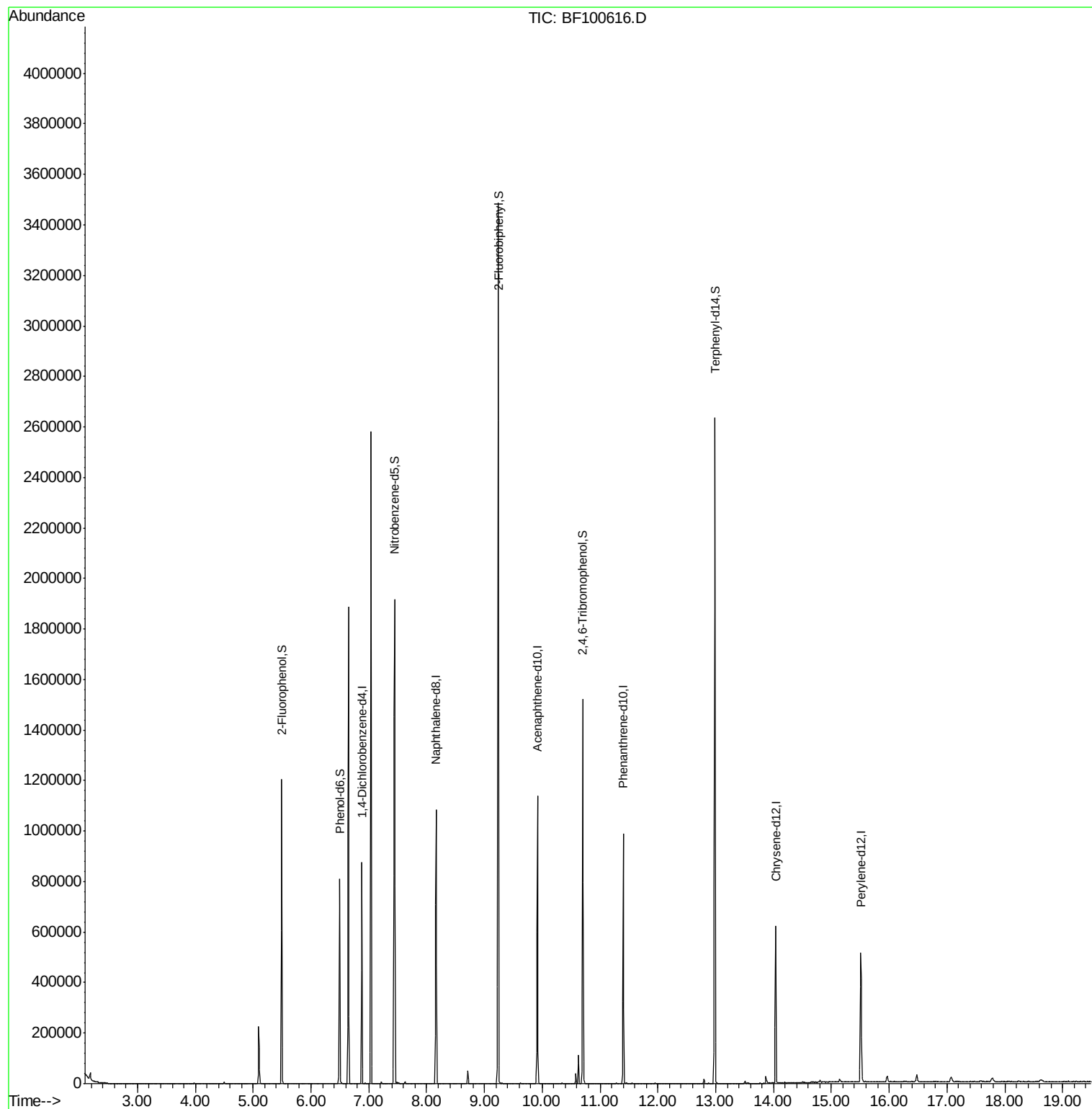
Target Compounds	Qvalue
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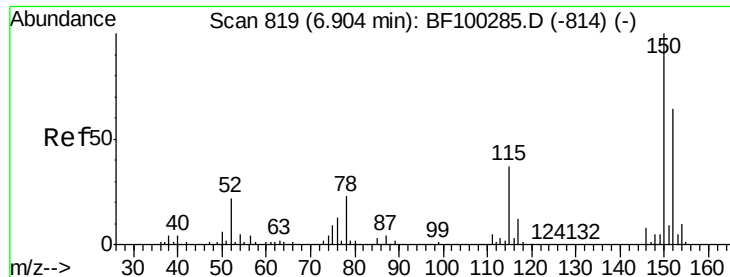
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SJ/JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111017-TDO-E-U-M

Quant Time: Nov 16 07:05:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
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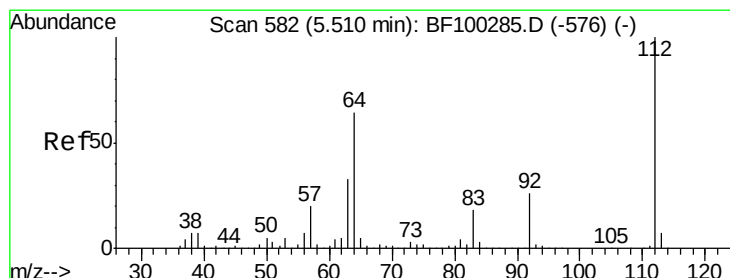
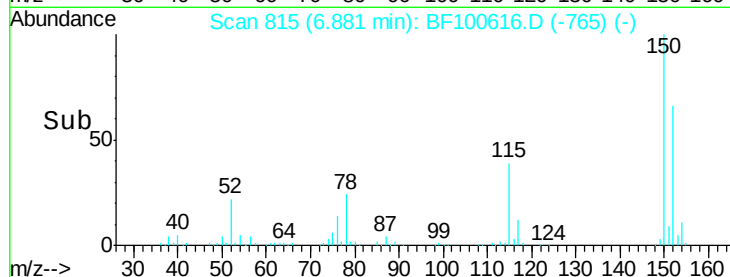
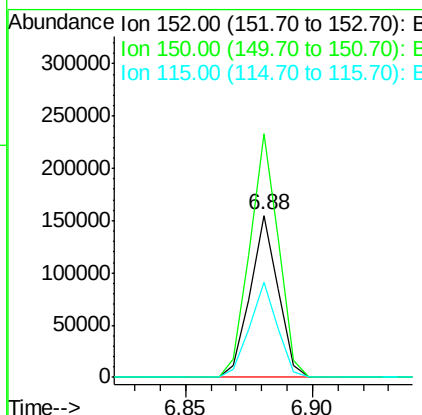
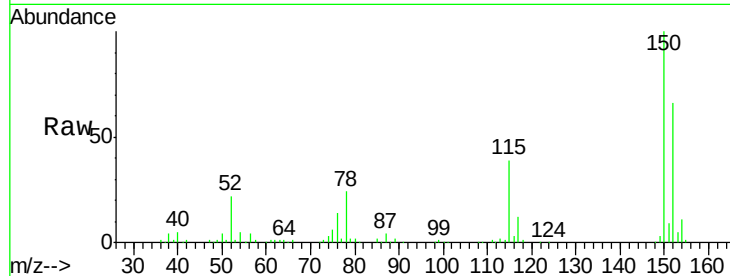




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100616.D
 Acq: 16 Nov 2017 4:47

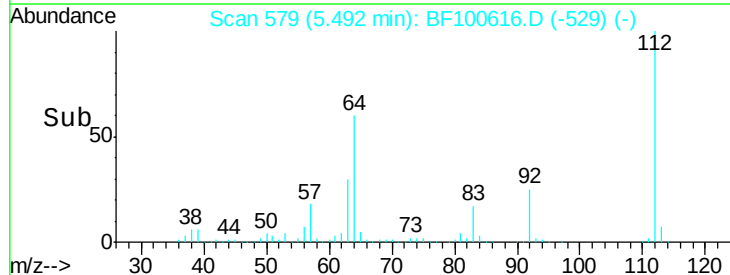
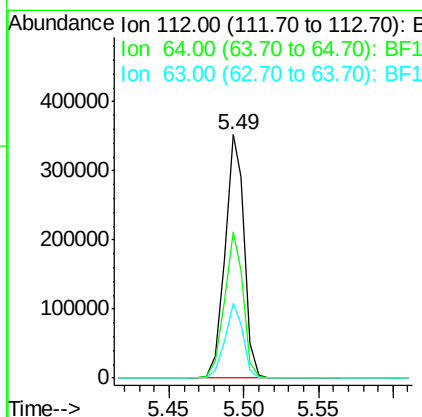
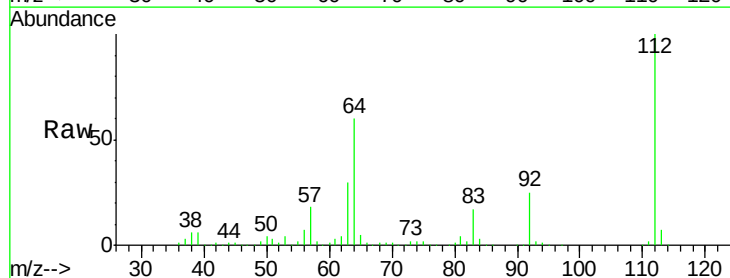
Instrument :
 BNA_F
 ClientSampleId :
 111017-TDO-E-U-M

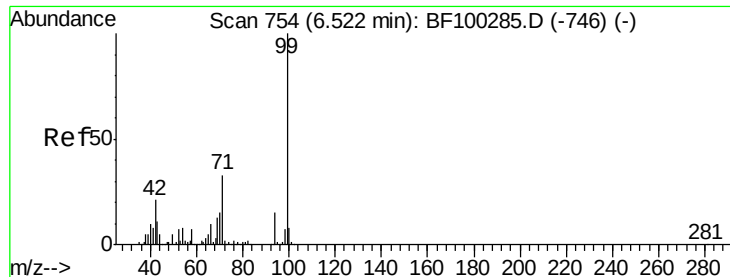
Tgt Ion:152 Resp: 118999
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.6 186.8
 115 58.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 42.912 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100616.D
 Acq: 16 Nov 2017 4:47

Tgt Ion:112 Resp: 318557
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 26.997 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100616.D

Acq: 16 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

111017-TDO-E-U-M

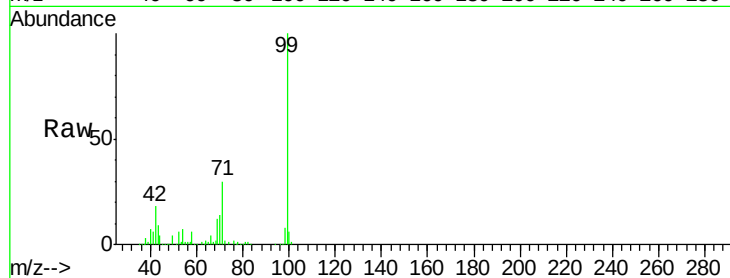
Tgt Ion: 99 Resp: 247136

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

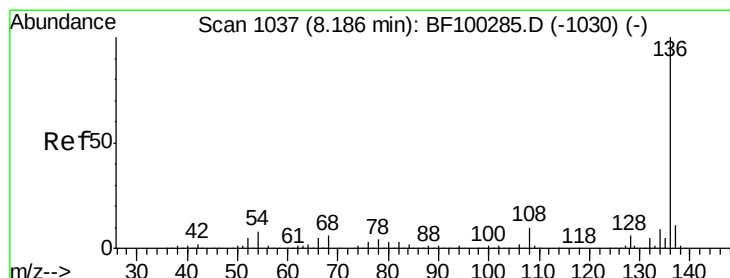
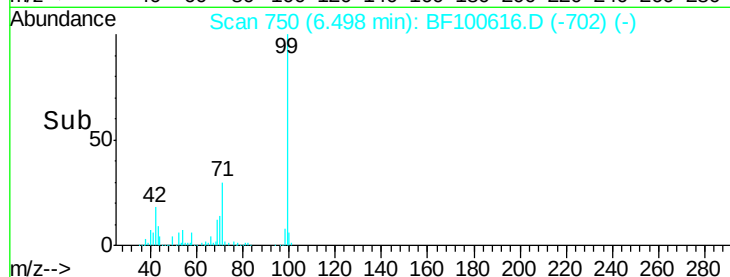
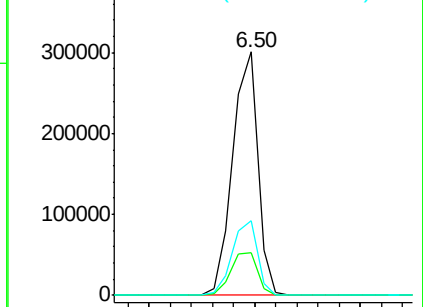
71 30.4 25.4 38.0



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100616.D

Acq: 16 Nov 2017 4:47

Tgt Ion: 136 Resp: 457766

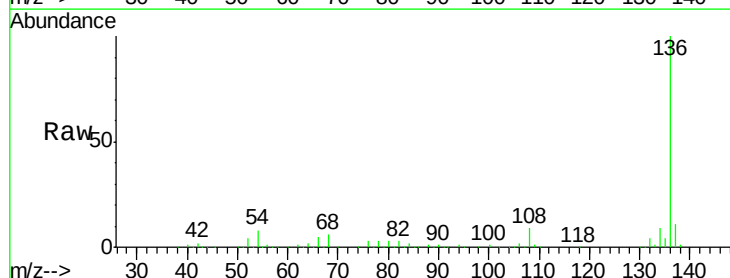
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 5.9 5.0 7.4

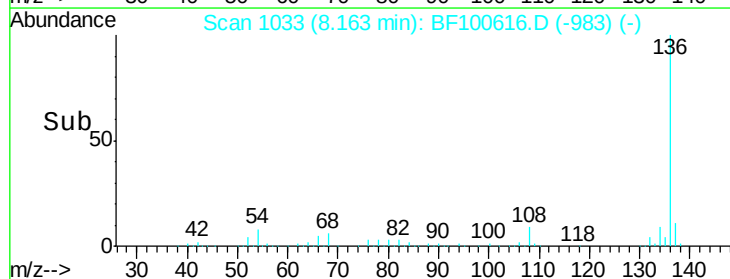
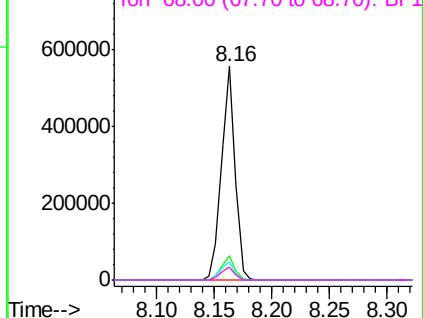


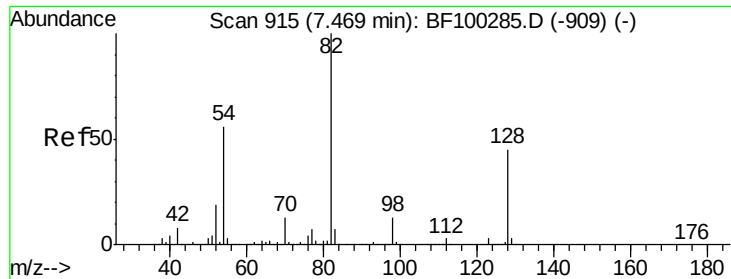
Abundance Ion 136.00 (135.70 to 136.70): E

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

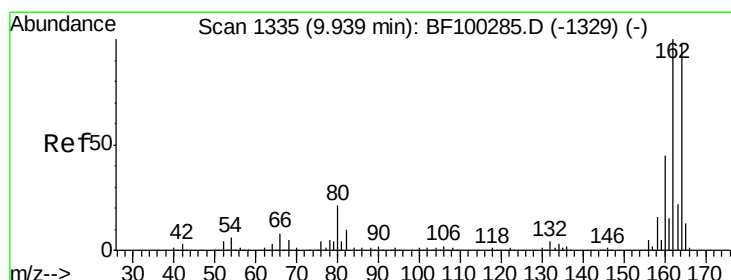
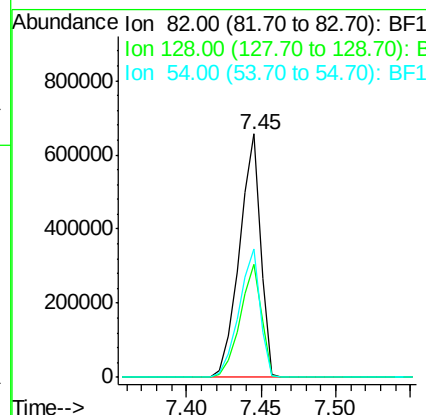
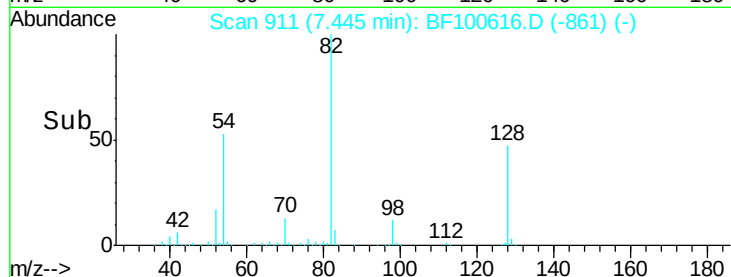
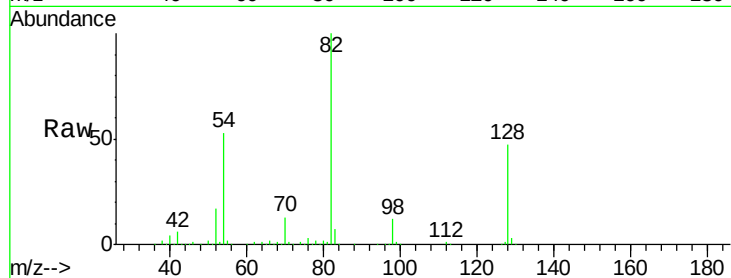




#23
 Nitrobenzene-d5
 Concen: 94.257 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100616.D
 Acq: 16 Nov 2017 4:47

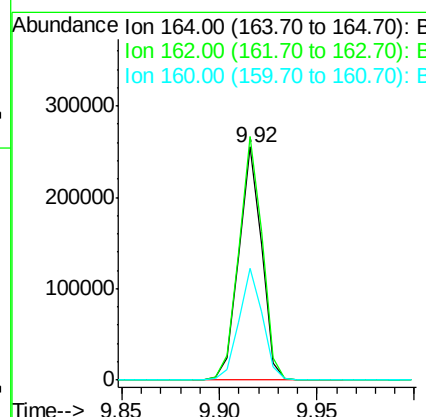
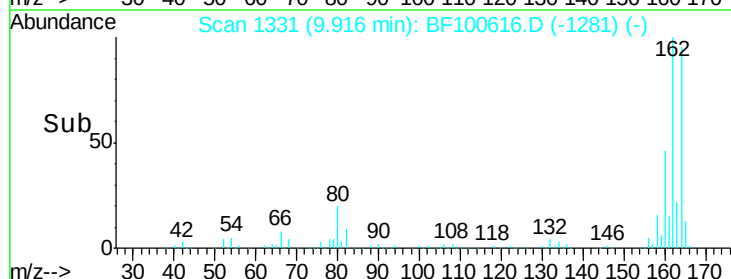
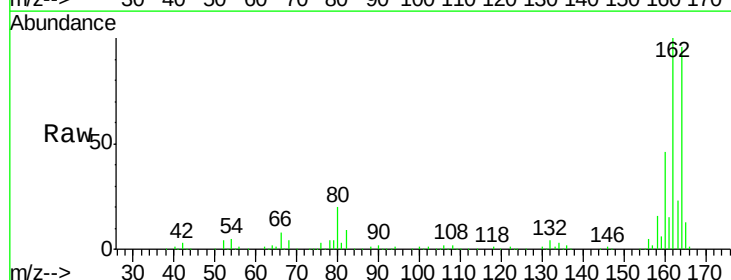
Instrument :
 BNA_F
 ClientSampleId :
 111017-TDO-E-U-M

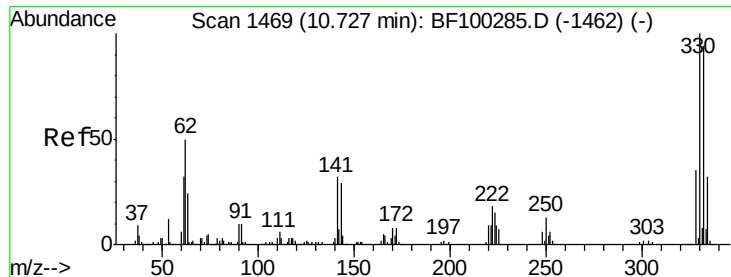
Tgt Ion: 82 Resp: 652632
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 53.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100616.D
 Acq: 16 Nov 2017 4:47

Tgt Ion: 164 Resp: 207370
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 48.3 38.3 57.5

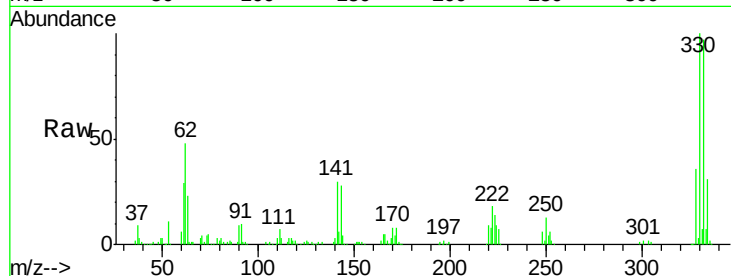




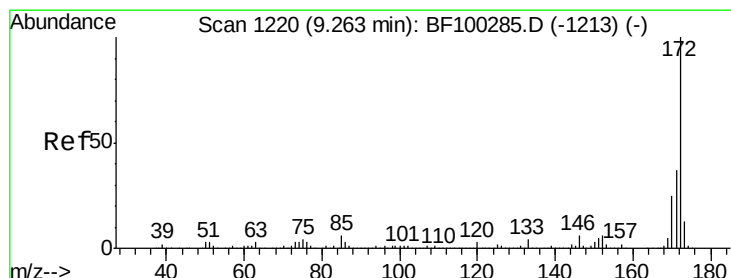
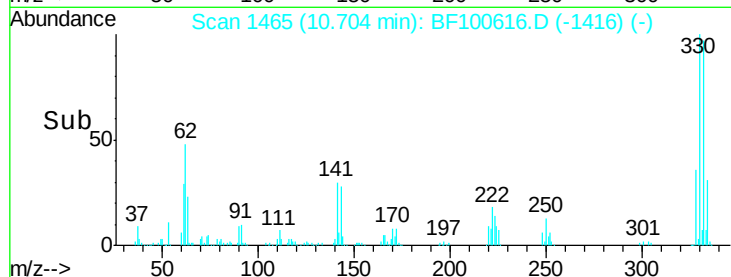
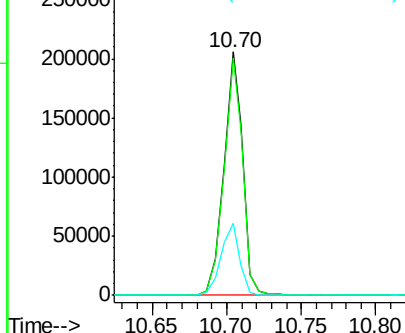
#41
 2,4,6-Tribromophenol
 Concen: 86.992 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100616.D
 Acq: 16 Nov 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :
 111017-TDO-E-U-M

Tgt Ion: 330 Resp: 183822
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 29.2 29.9 44.9#

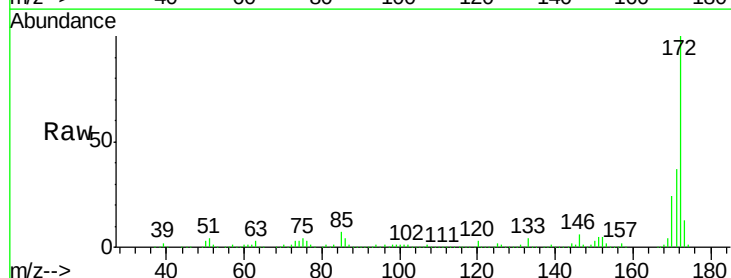


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

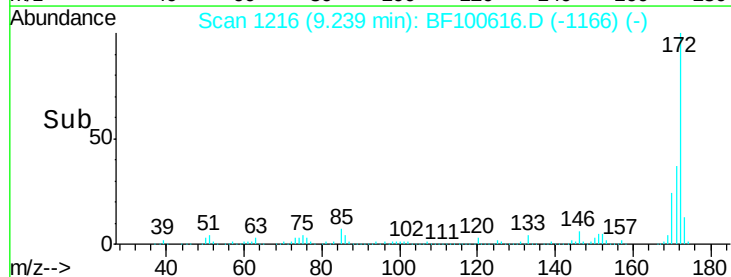
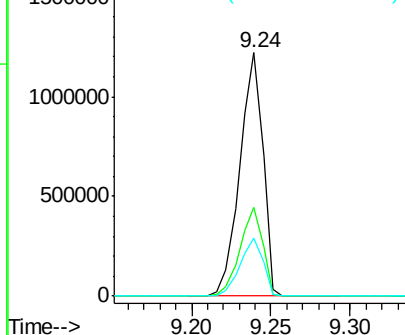


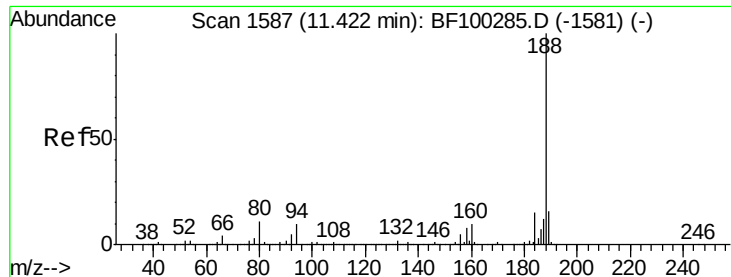
#44
 2-Fluorobiphenyl
 Concen: 89.945 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100616.D
 Acq: 16 Nov 2017 4:47

Tgt Ion: 172 Resp: 1224917
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100616.D

Acq: 16 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

111017-TDO-E-U-M

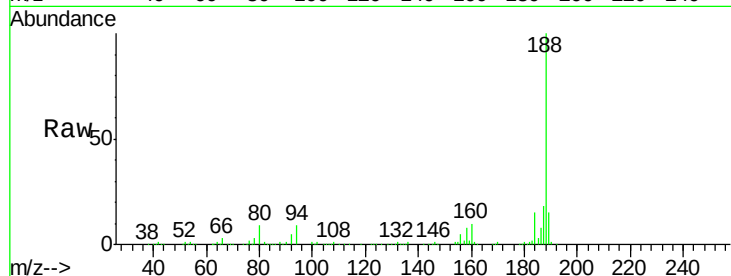
Tgt Ion:188 Resp: 374639

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

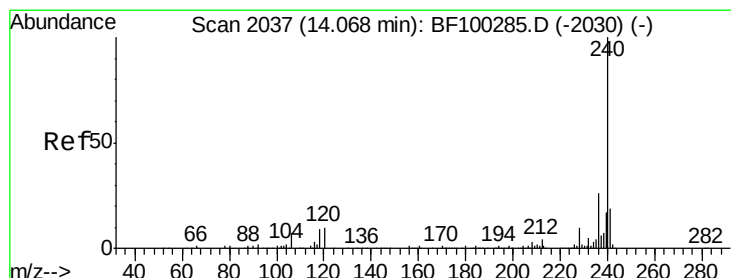
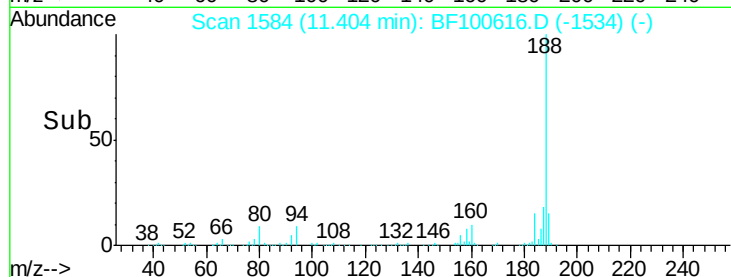
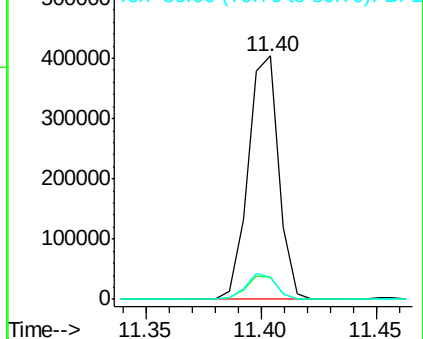
80 9.0 9.2 13.8#



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: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100616.D

Acq: 16 Nov 2017 4:47

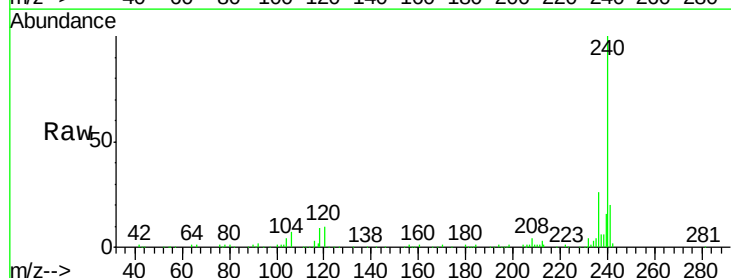
Tgt Ion:240 Resp: 226951

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

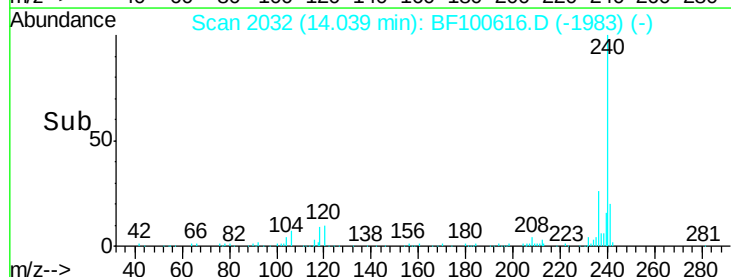
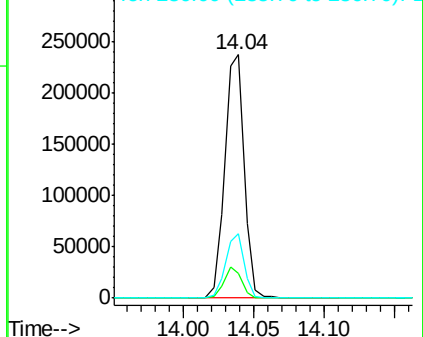
236 26.4 20.7 31.1

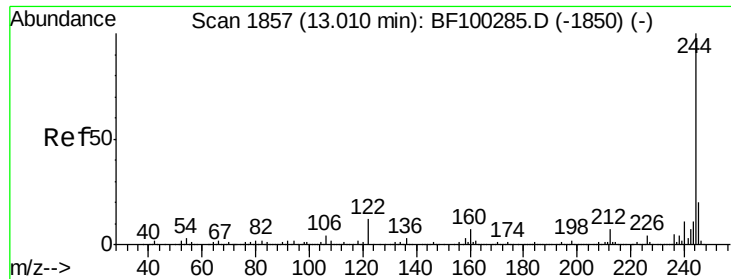


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.354 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100616.D

Acq: 16 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

111017-TDO-E-U-M

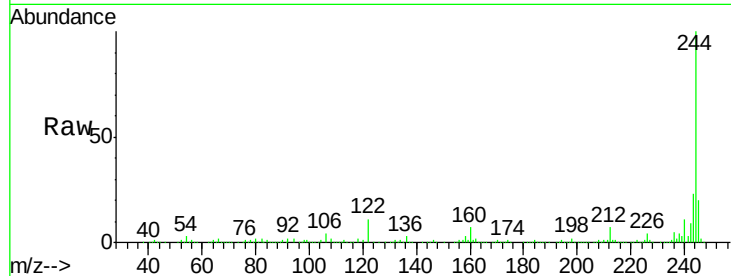
Tgt Ion:244 Resp: 902333

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

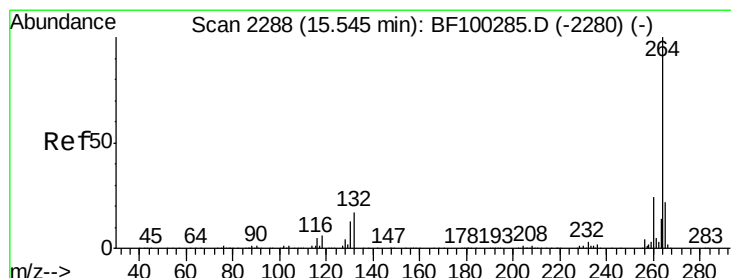
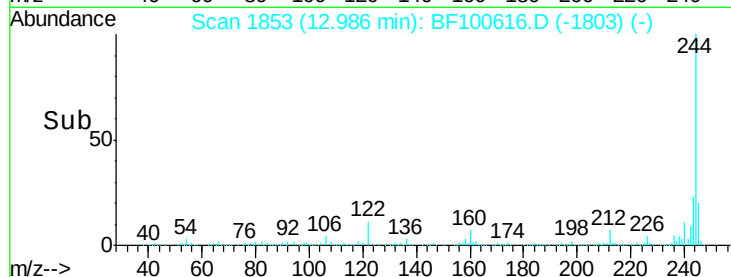
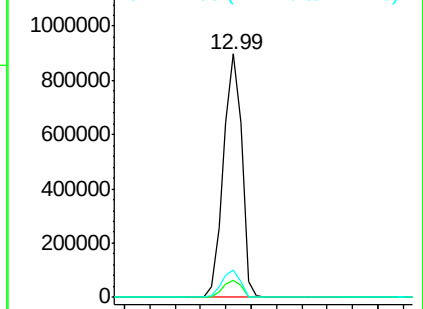
122 11.5 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100616.D

Acq: 16 Nov 2017 4:47

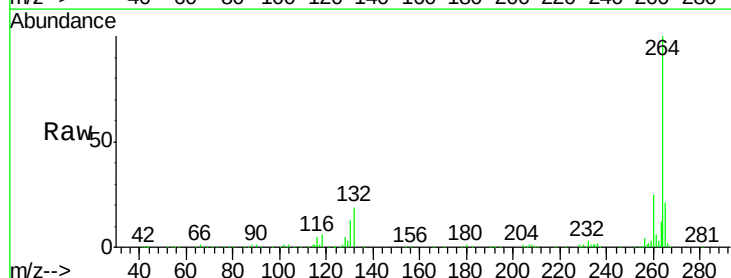
Tgt Ion:264 Resp: 238516

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.4 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

