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 Data File : BF100574.D
 Acq On : 15 Nov 2017 7:27
 Operator : SJ/JU
 Sample : I6449-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ADT-WC-01

Quant Time: Nov 15 11:15:32 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

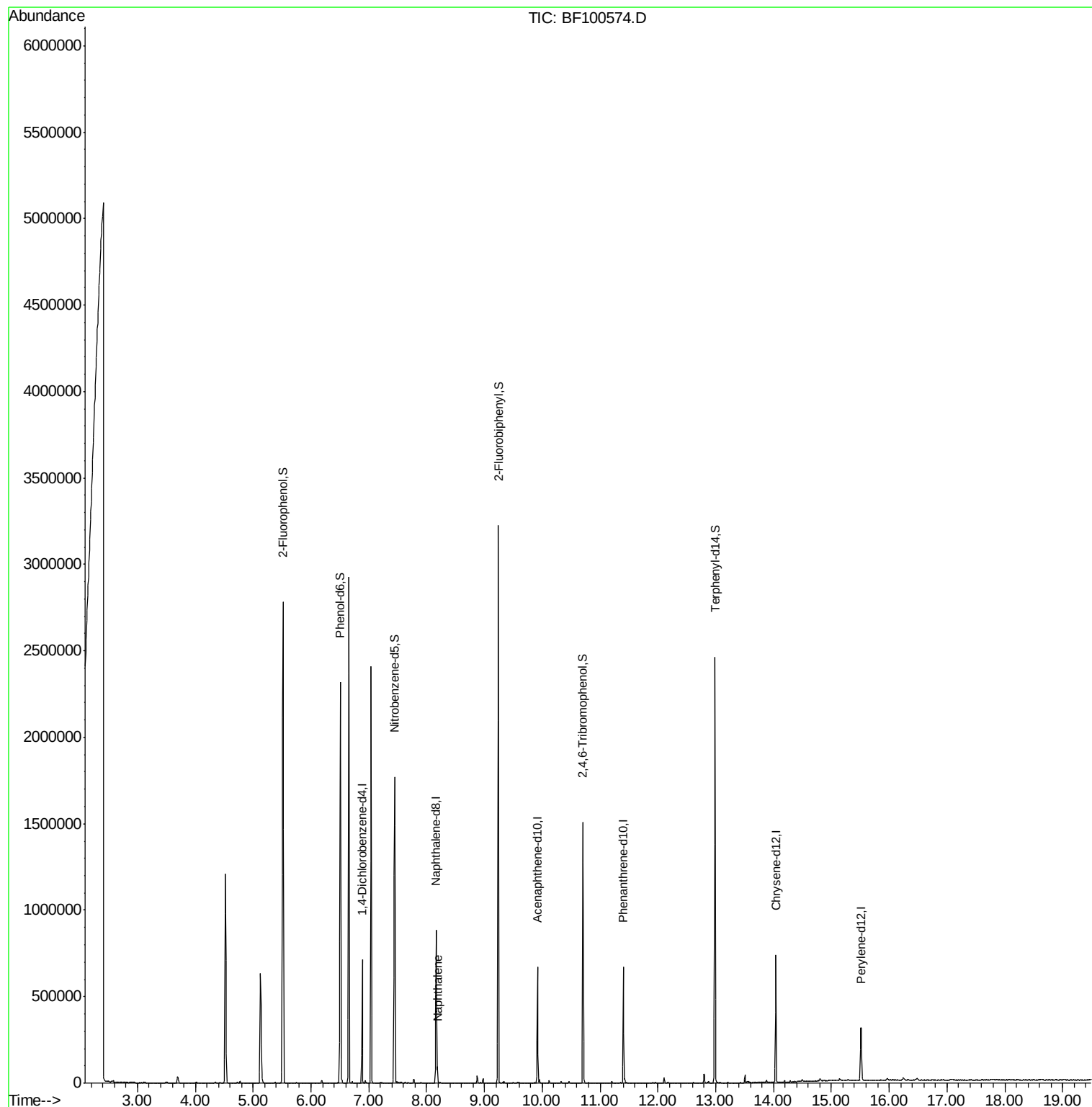
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	103678	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	366133	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	132784	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	219857	20.00	ng	0.00
75) Chrysene-d12	14.04	240	230184	20.00	ng	-0.01
86) Perylene-d12	15.52	264	148912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	838788	129.69	ng	0.02
7) Phenol-d6	6.51	99	906009	113.60	ng	0.00
23) Nitrobenzene-d5	7.45	82	646911	116.81	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	193748	143.19	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1037580	118.99	ng	0.00
78) Terphenyl-d14	12.99	244	903838	90.22	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	38247	2.169	ng	Qvalue 98

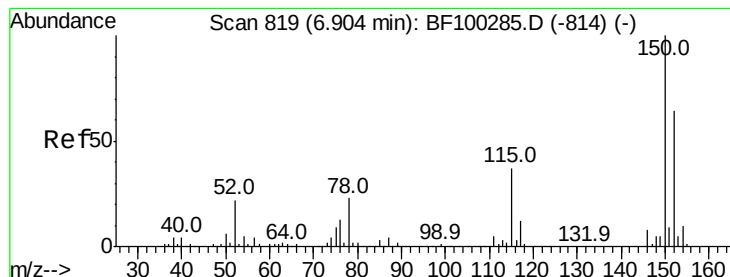
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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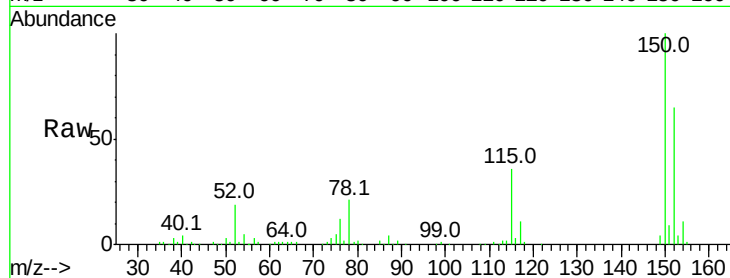


#1

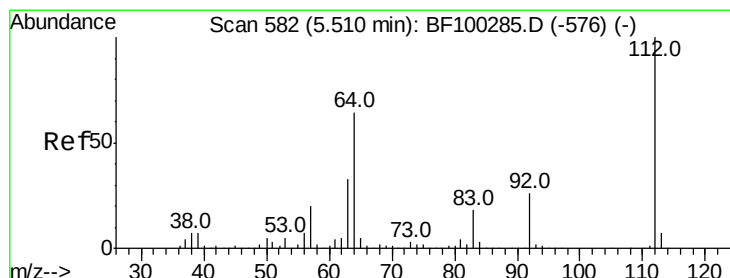
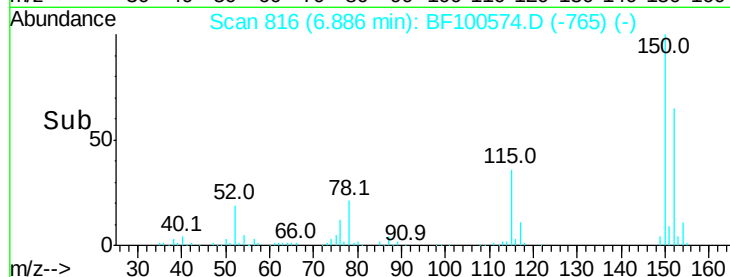
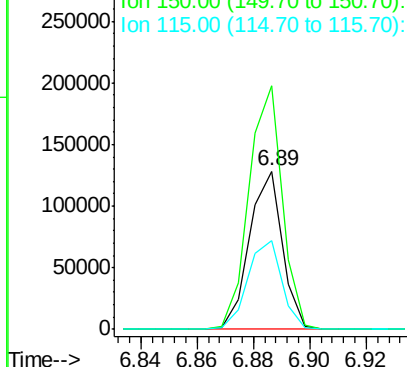
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 ADT-WC-01

Tot Ion:152 Resp: 103678
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 56.0 50.1 75.1



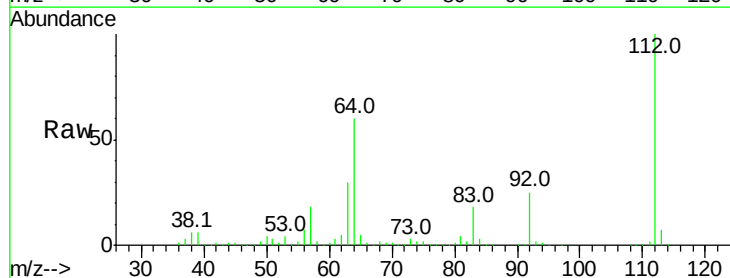
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



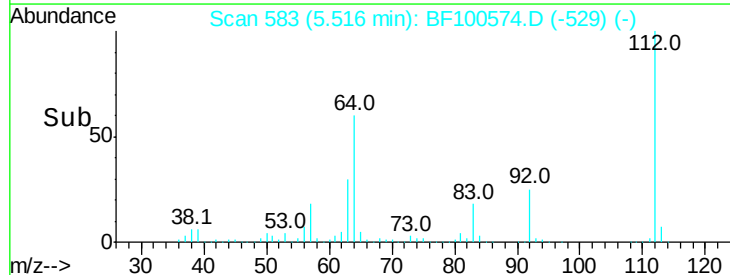
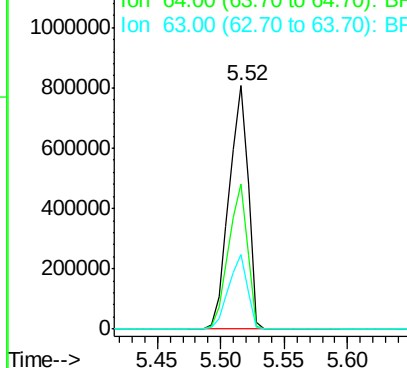
#5

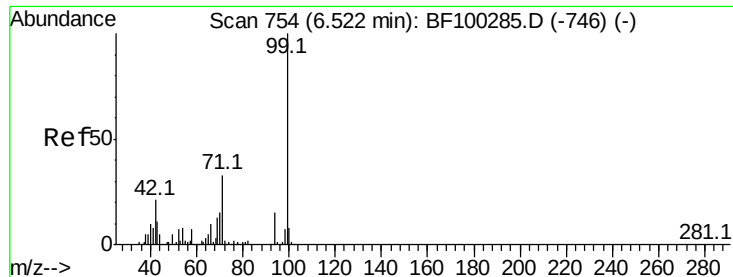
2-Fluorophenol
 Concen: 129.687 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

Tgt Ion:112 Resp: 838788
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 113.597 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100574.D

Acq: 15 Nov 2017 7:27

Instrument :

BNA_F

ClientSampleId :

ADT-WC-01

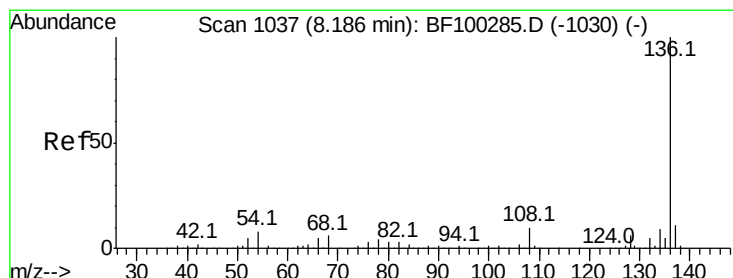
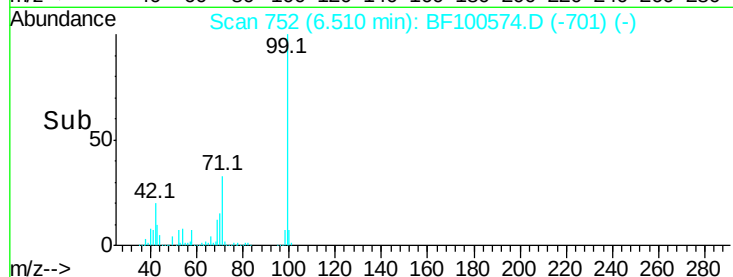
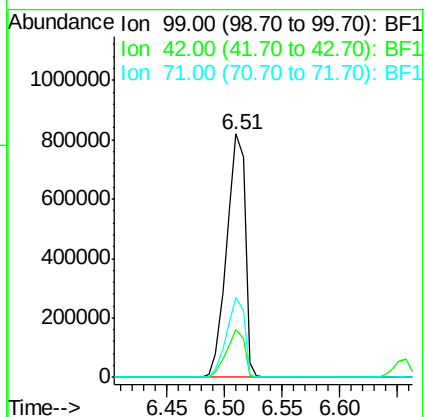
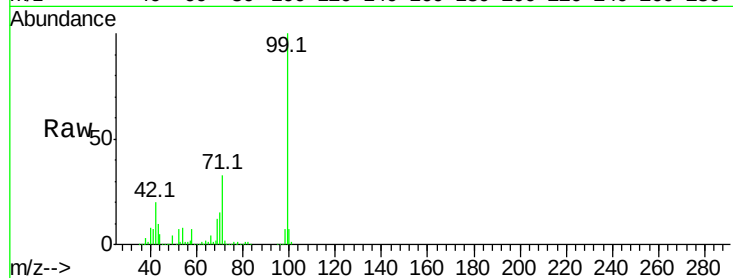
Tot Ion: 99 Resp: 906009

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 33.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100574.D

Acq: 15 Nov 2017 7:27

Tgt Ion: 136 Resp: 366133

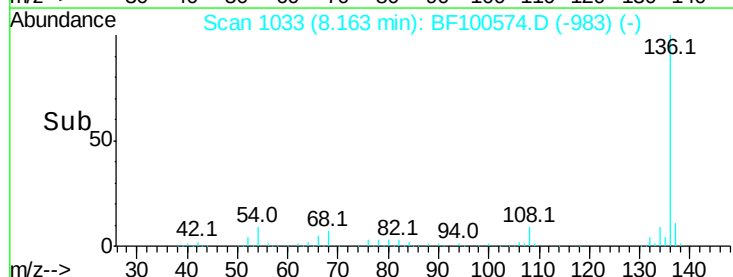
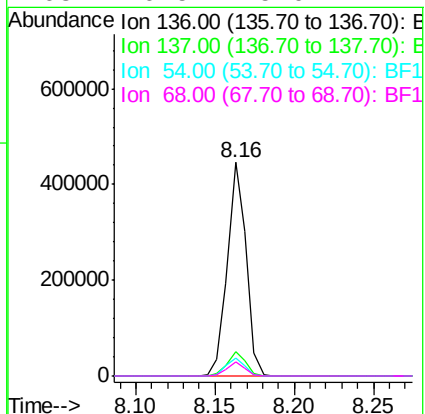
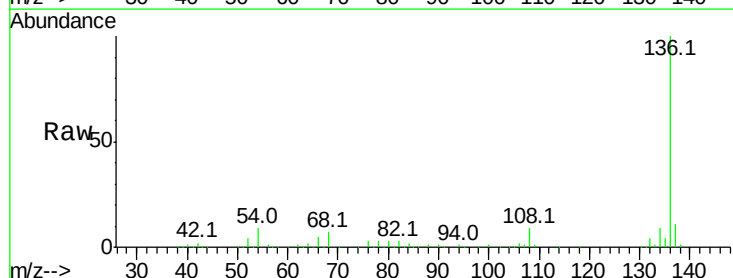
Ion Ratio Lower Upper

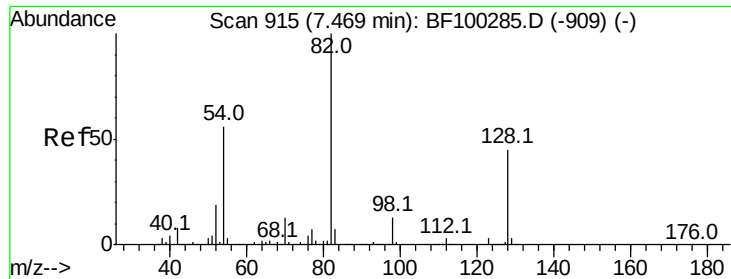
136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.5 5.0 7.4

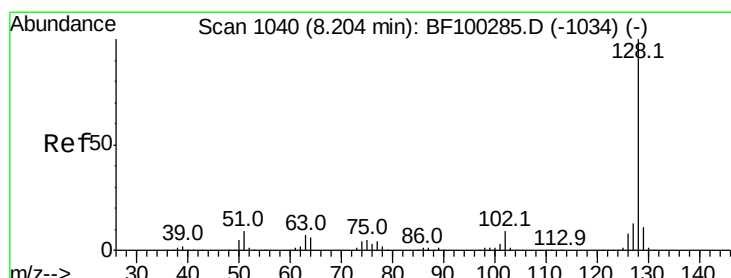
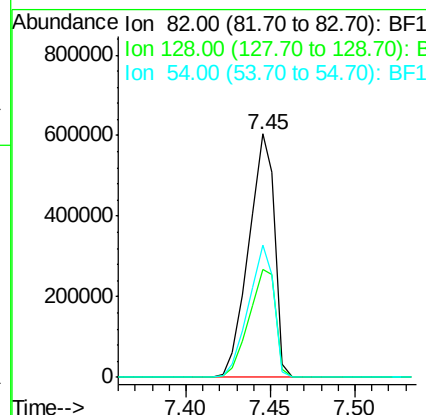
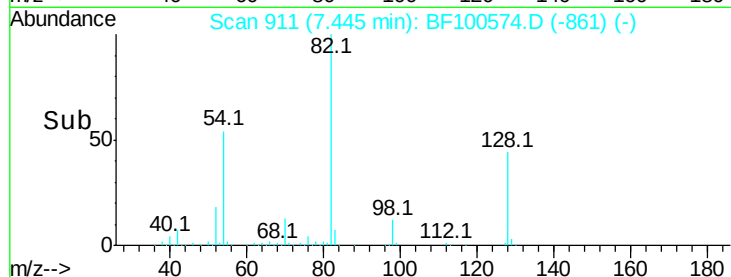
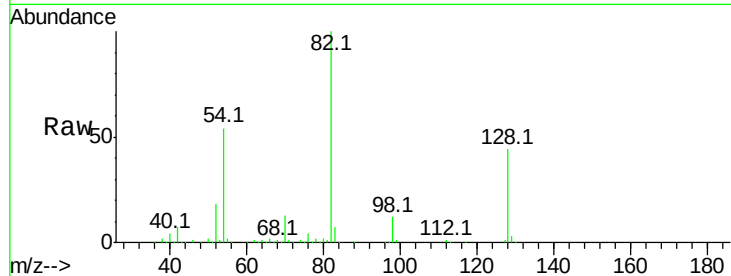




#23
Nitrobenzene-d5
Concen: 116.814 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100574.D
Acq: 15 Nov 2017 7:27

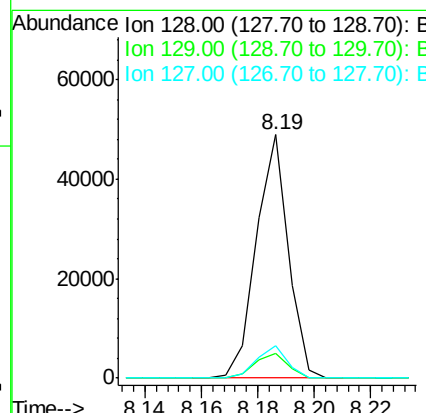
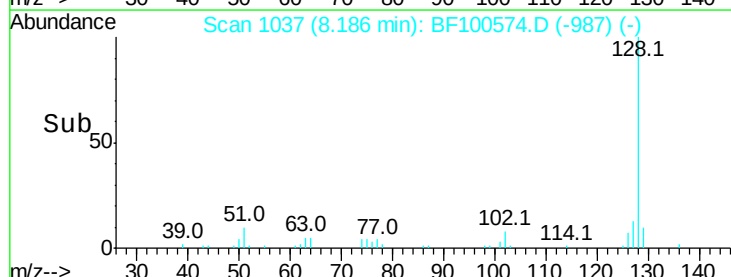
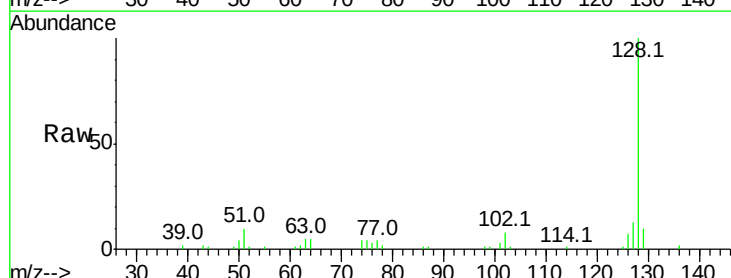
Instrument :
BNA_F
ClientSampleId :
ADT-WC-01

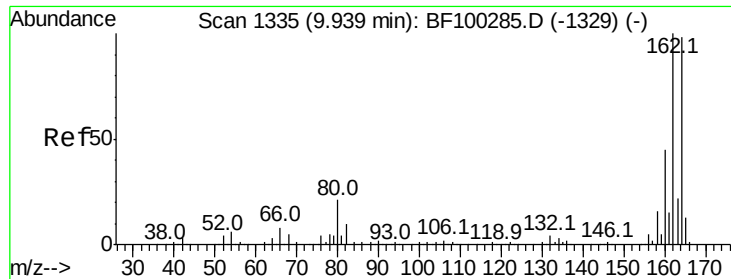
Tot Ion: 82 Resp: 646911
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 54.2 41.4 62.2



#31
Naphthalene
Concen: 2.169 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF100574.D
Acq: 15 Nov 2017 7:27

Tgt Ion: 128 Resp: 38247
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.1 10.9 16.3

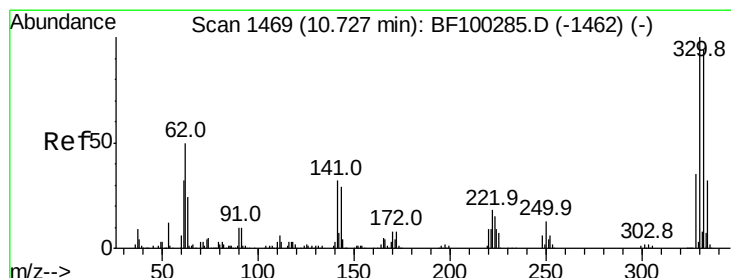
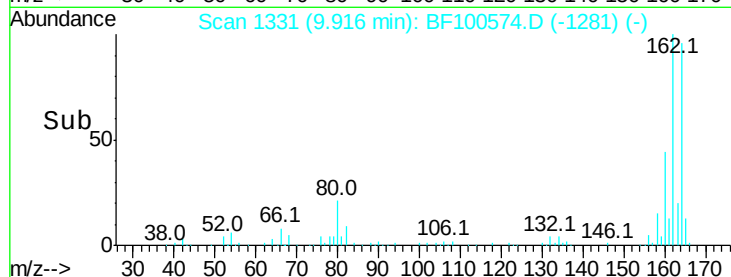
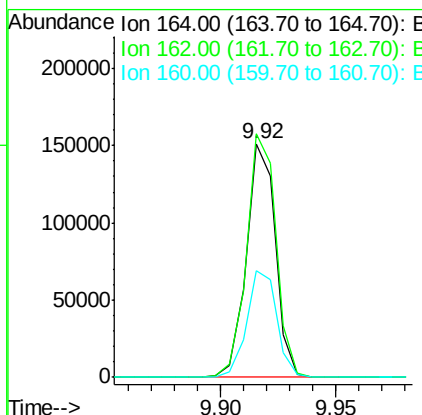
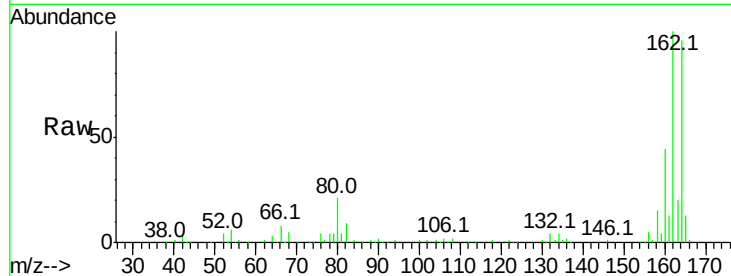




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

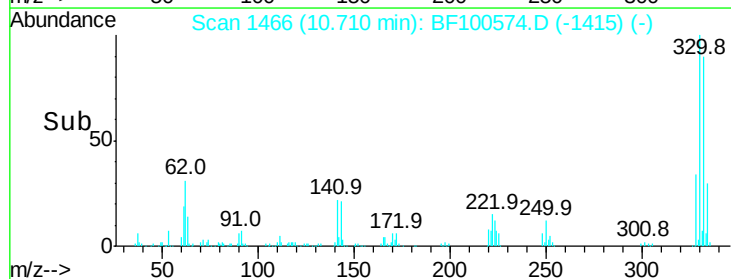
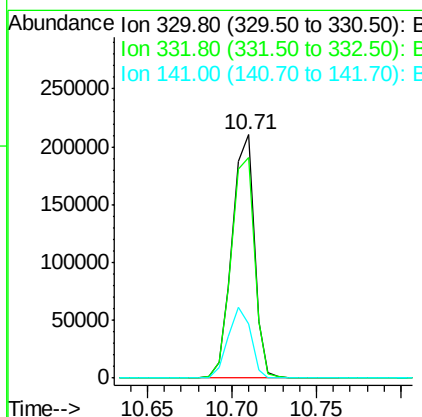
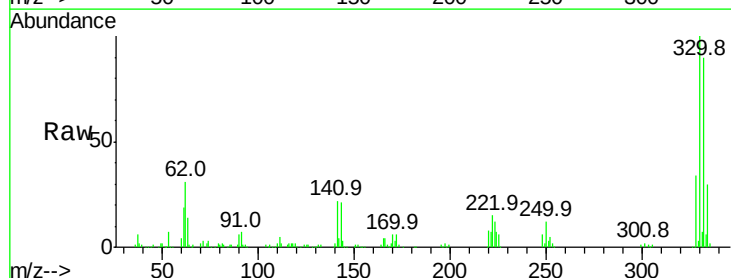
Instrument :
 BNA_F
 ClientSampleId :
 ADT-WC-01

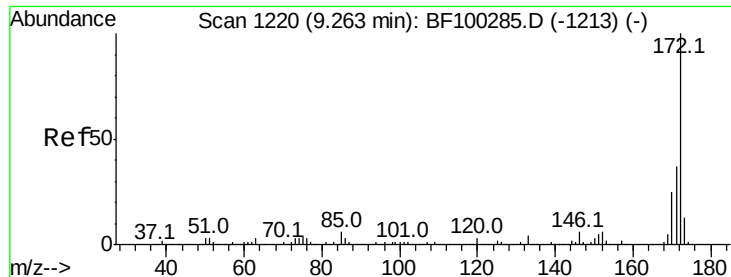
Tot Ion:164 Resp: 132784
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 143.191 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

Tgt Ion:330 Resp: 193748
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 29.4 29.9 44.9#



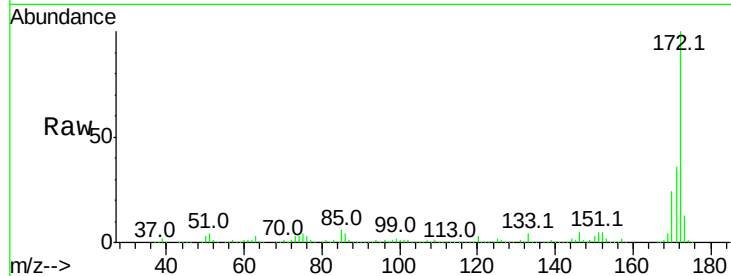


#44
 2-Fluorobiphenyl
 Concen: 118.985 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

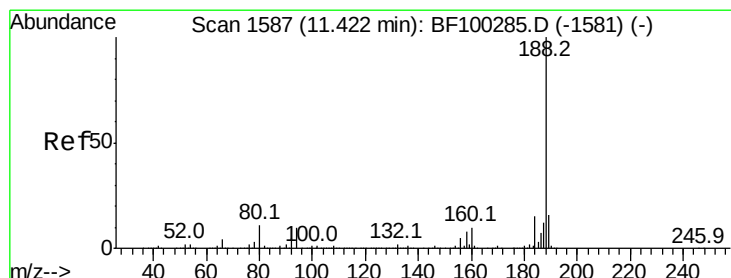
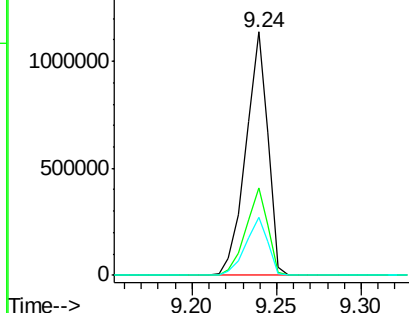
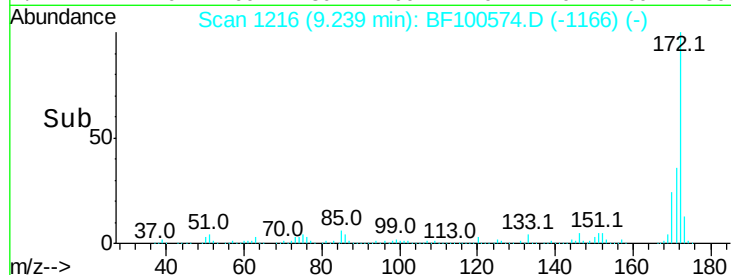
Instrument :
 BNA_F
 ClientSampleId :
 ADT-WC-01

Tot Ion:172 Resp: 1037580

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



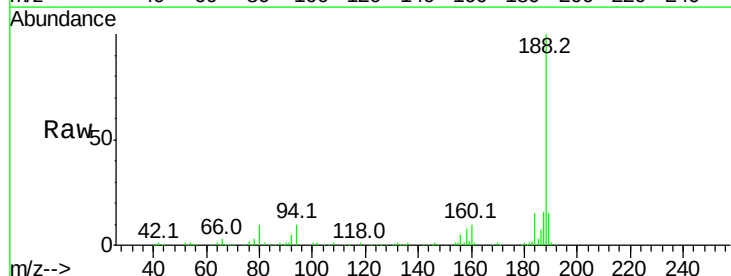
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



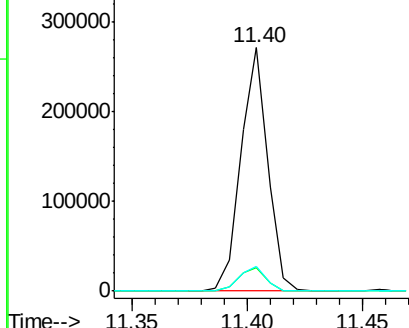
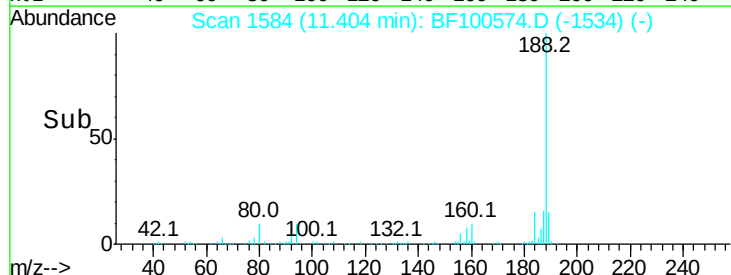
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

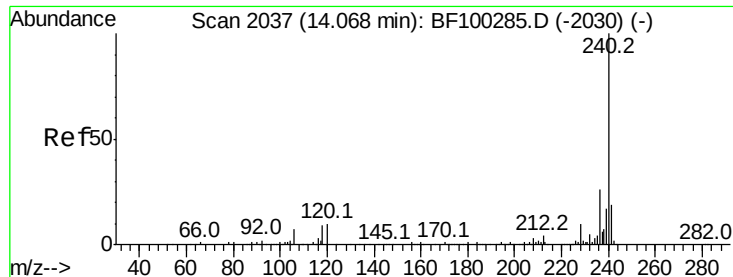
Tgt Ion:188 Resp: 219857

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	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: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100574.D

Acq: 15 Nov 2017 7:27

Instrument :

BNA_F

ClientSampleId :

ADT-WC-01

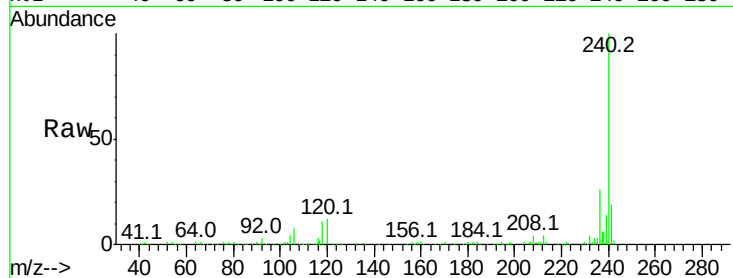
Tot Ion:240 Resp: 230184

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

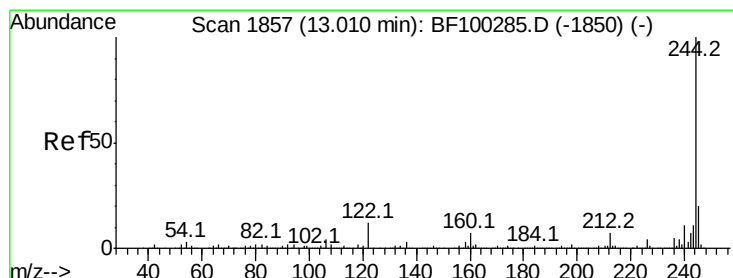
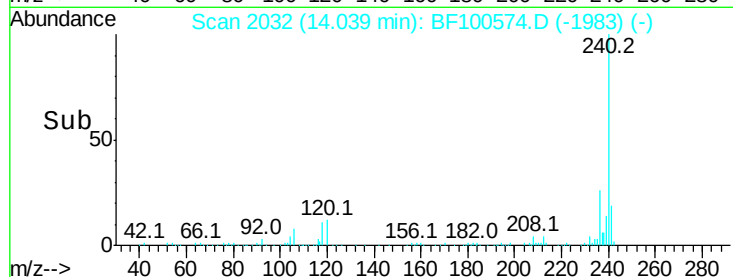
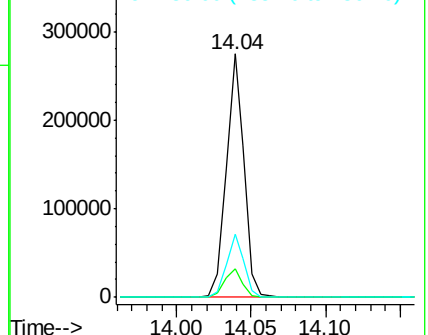
236 26.1 20.7 31.1



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: 90.222 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF100574.D

Acq: 15 Nov 2017 7:27

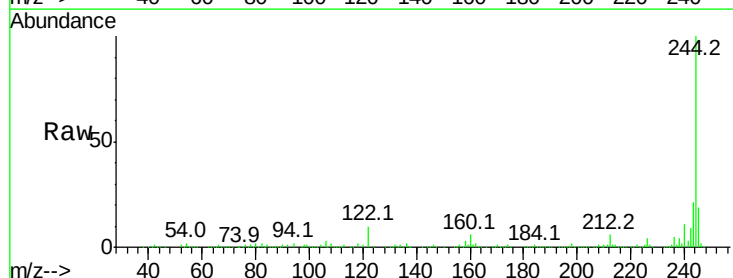
Tgt Ion:244 Resp: 903838

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

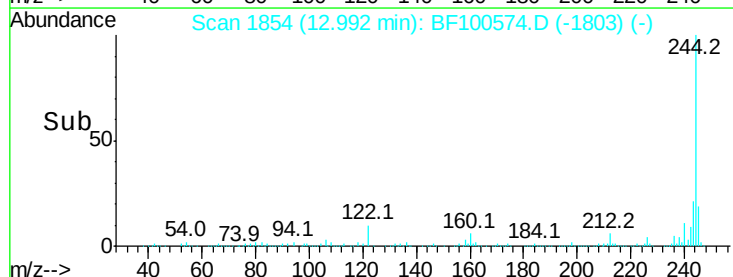
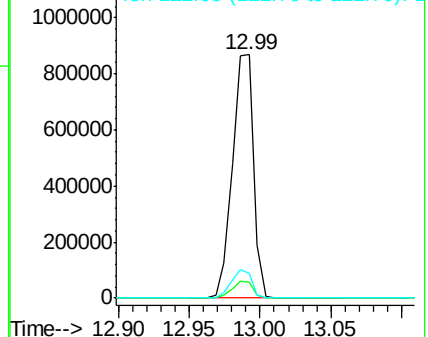
122 10.1 11.0 16.4#

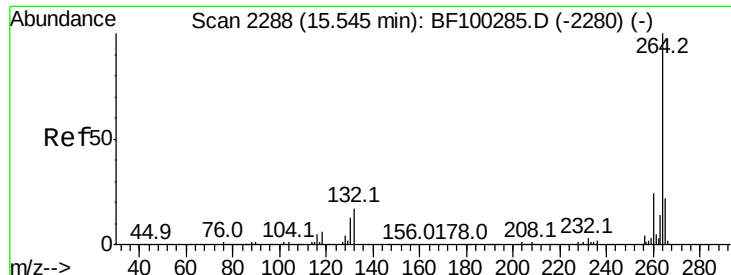


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF100574.D
 Acq: 15 Nov 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 ADT-WC-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3

