

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100529.D
 Acq On : 14 Nov 2017 7:13
 Operator : SJ/JU
 Sample : I6441-30
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Nov 14 08:46:30 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 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128090	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	483750	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	189966	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	290417	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	274815	20.00	ng	-0.02
86) Perylene-d12	15.53	264	206940	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	878360	109.92	ng	0.01
7) Phenol-d6	6.52	99	977355	99.19	ng	0.00
23) Nitrobenzene-d5	7.46	82	820912	112.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	217253	112.23	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1422859	114.05	ng	-0.02
78) Terphenyl-d14	13.00	244	1040099	86.96	ng	-0.01

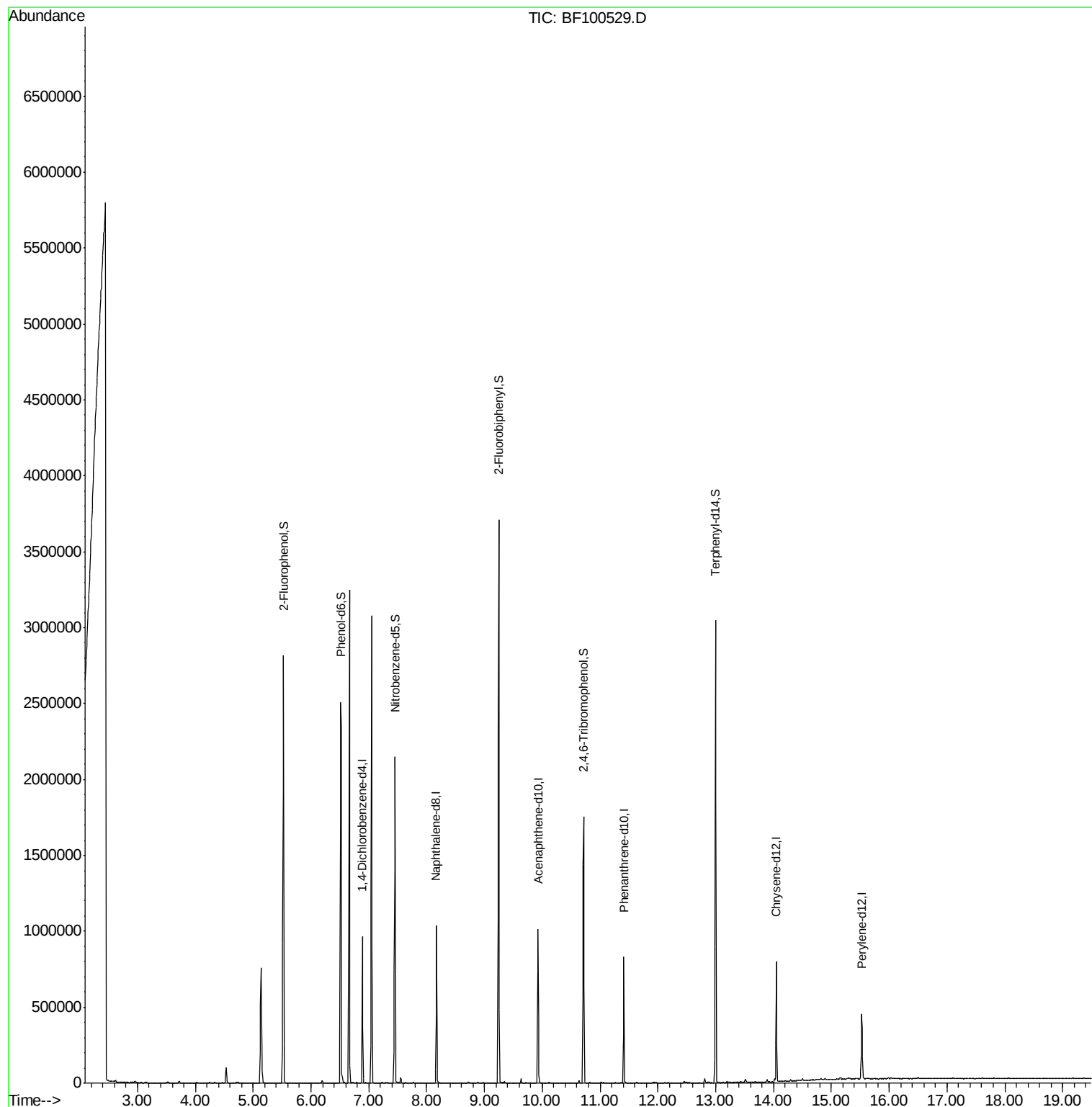
Target Compounds Qvalue

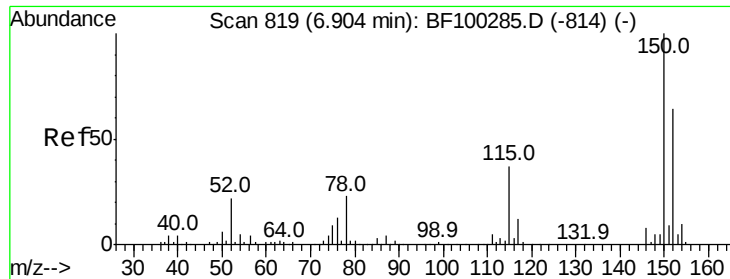
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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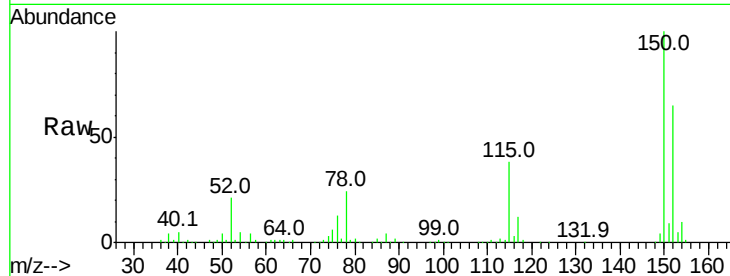


#1

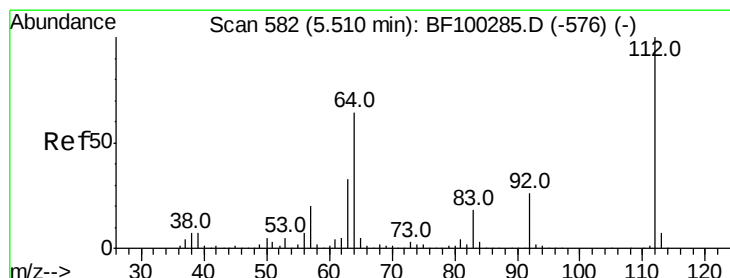
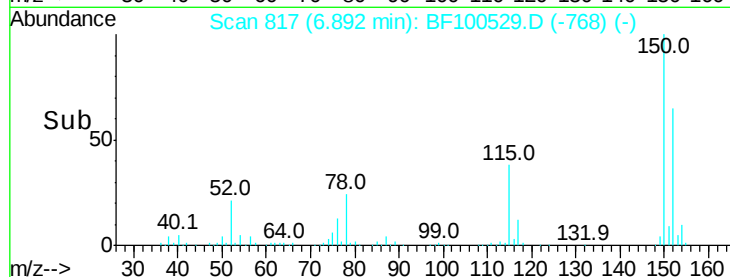
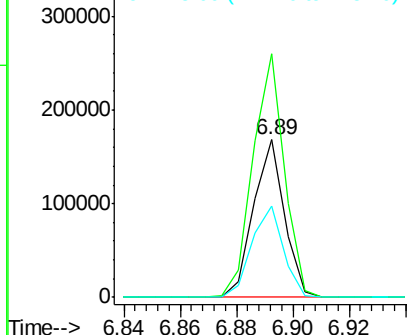
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Instrument :
BNA_F
ClientSampleId :
TP-16

Tot Ion:152 Resp: 128090
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 58.2 50.1 75.1



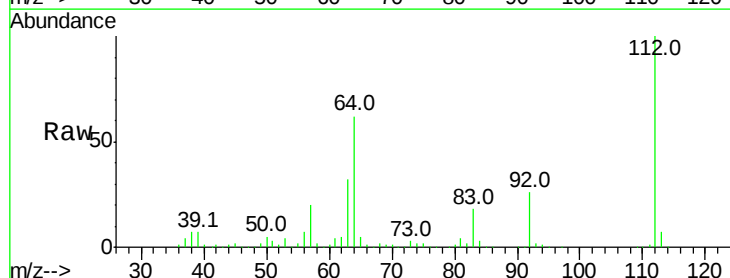
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



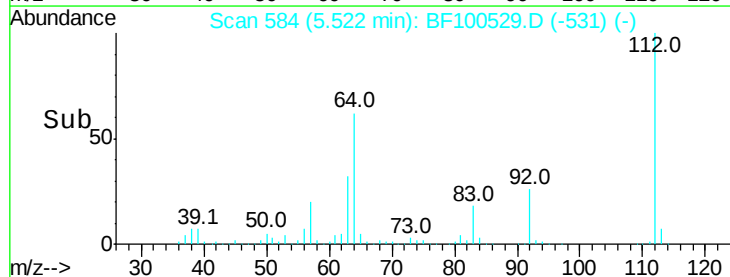
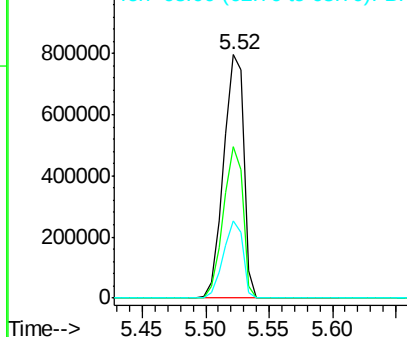
#5

2-Fluorophenol
Concen: 109.923 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Tgt Ion:112 Resp: 878360
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 31.5 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: 99.188 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Instrument :

BNA_F

ClientSampleId :

TP-16

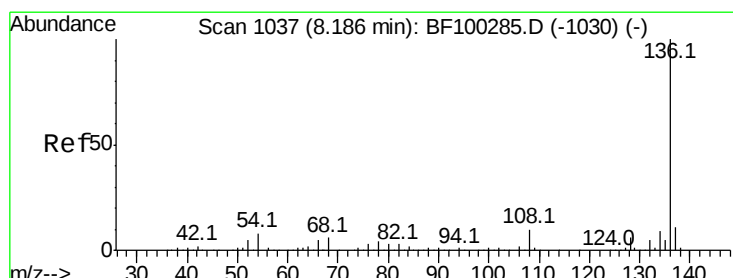
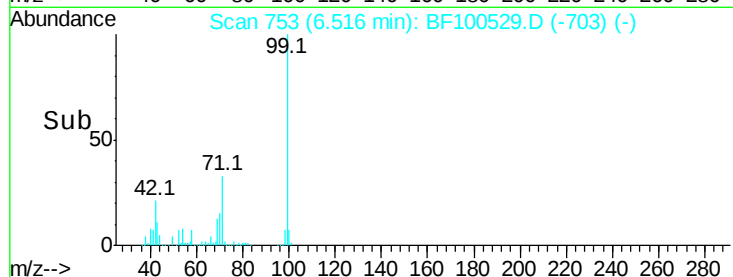
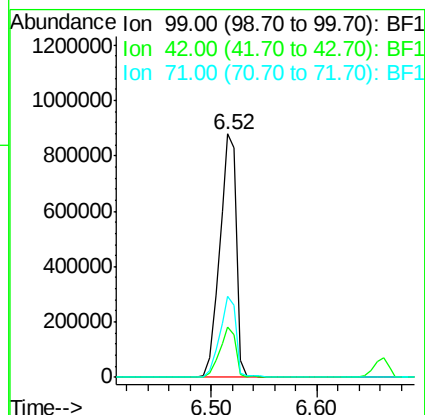
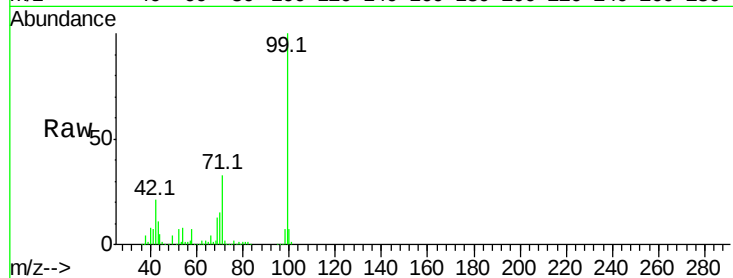
Tot Ion: 99 Resp: 977355

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100529.D

Acq: 14 Nov 2017 7:13

Tgt Ion: 136 Resp: 483750

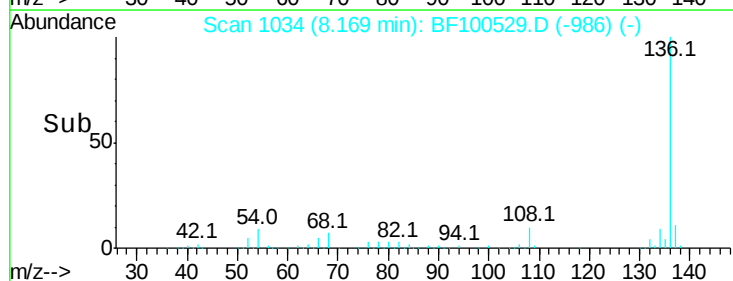
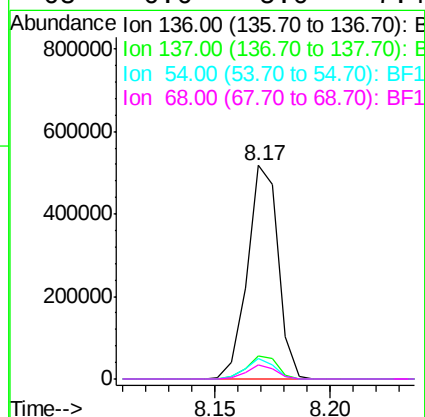
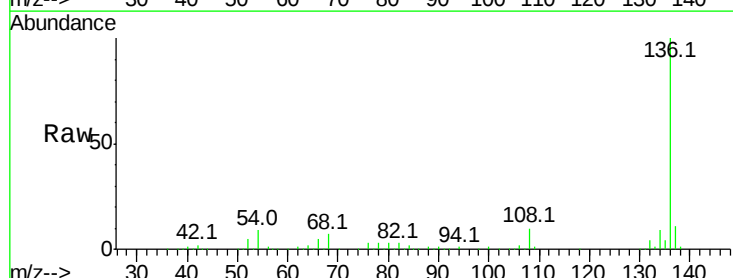
Ion Ratio Lower Upper

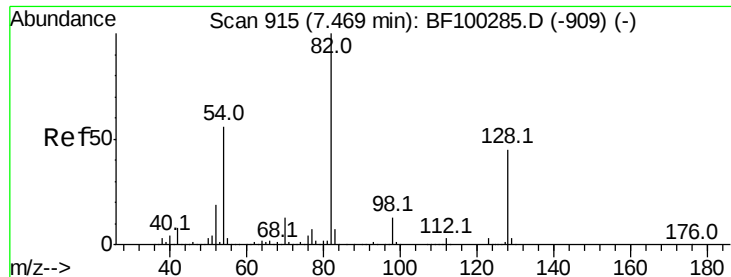
136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

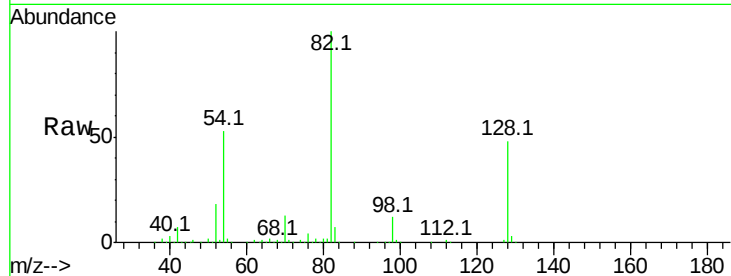




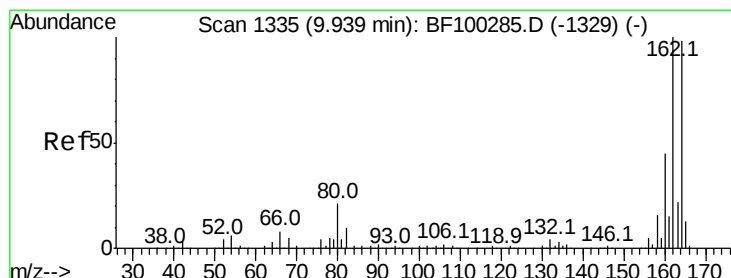
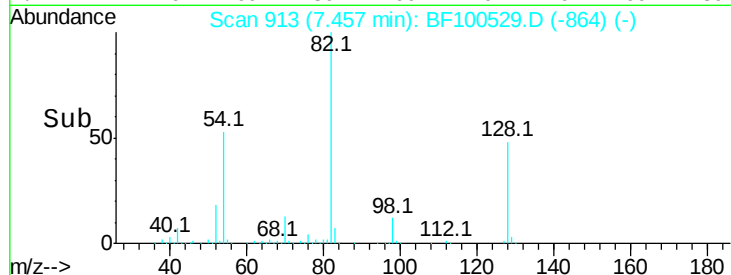
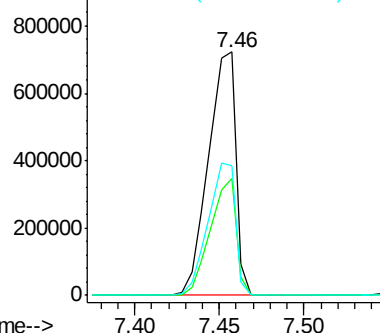
#23
Nitrobenzene-d5
Concen: 112.193 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Instrument :
BNA_F
ClientSampleId :
TP-16

Tot Ion: 82 Resp: 820912
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 53.4 41.4 62.2

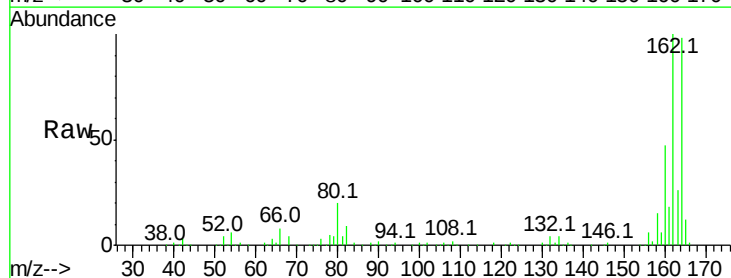


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

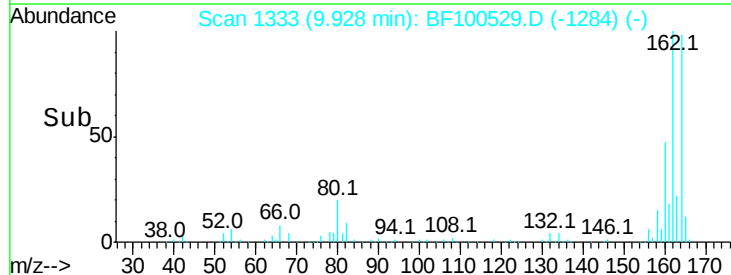
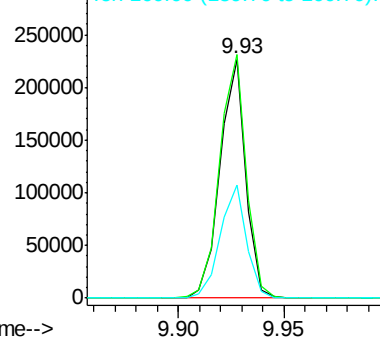


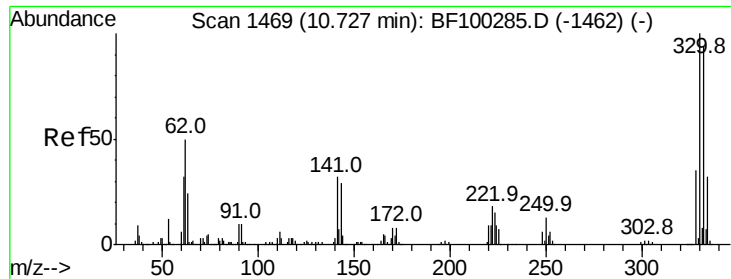
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Tgt Ion:164 Resp: 189966
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

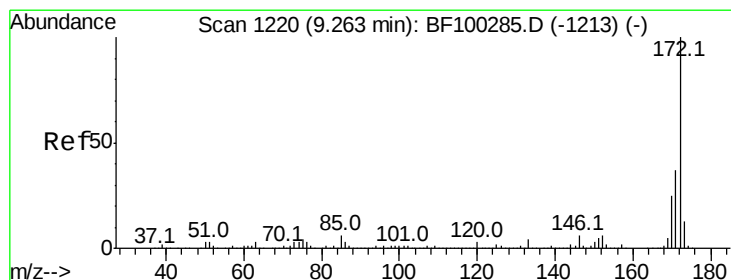
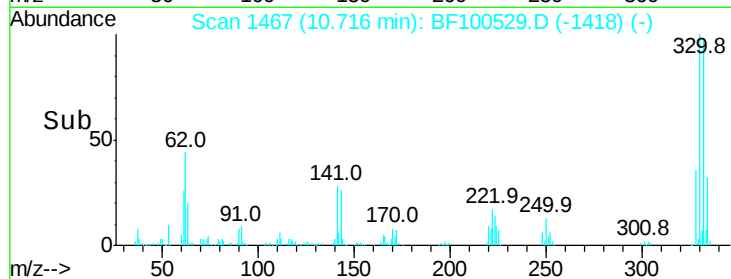
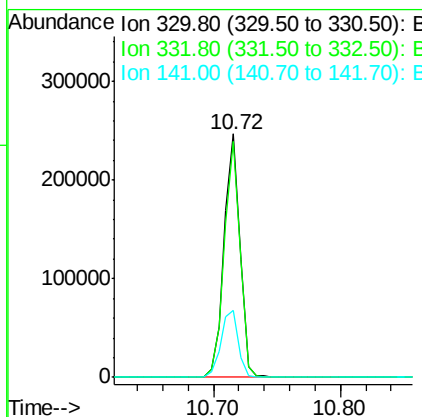
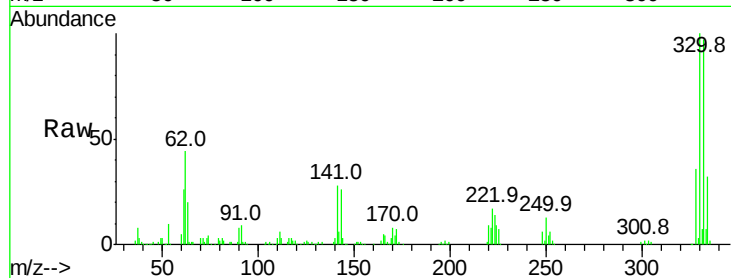




#41
 2,4,6-Tribromophenol
 Concen: 112.232 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

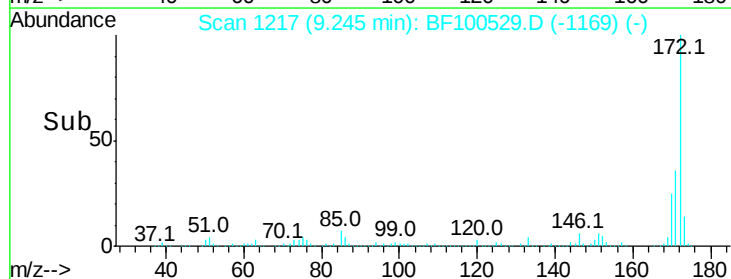
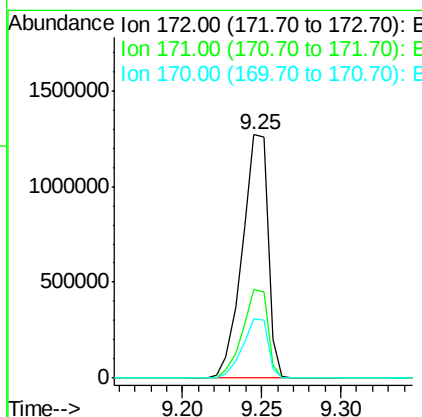
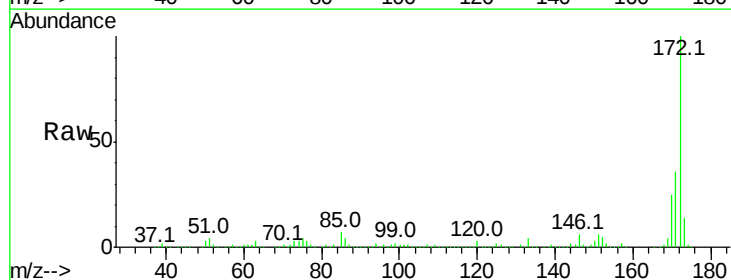
Instrument :
 BNA_F
 ClientSampleId :
 TP-16

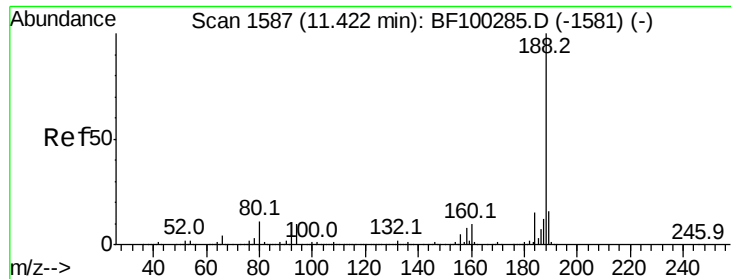
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 114.052 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

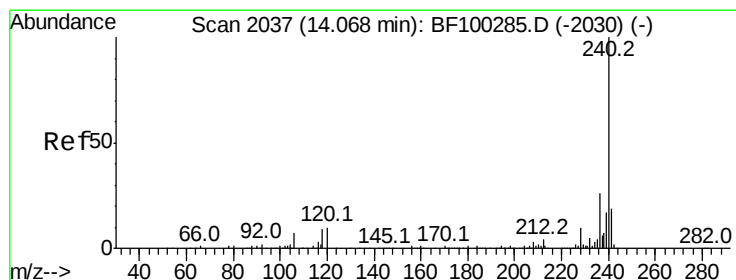
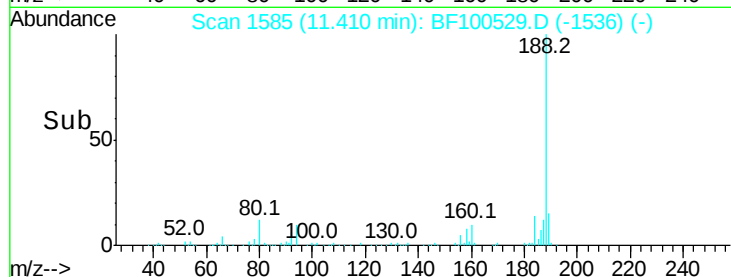
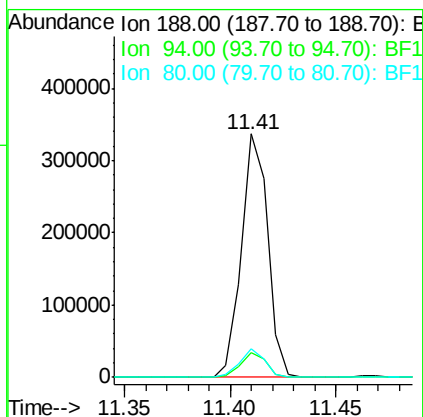
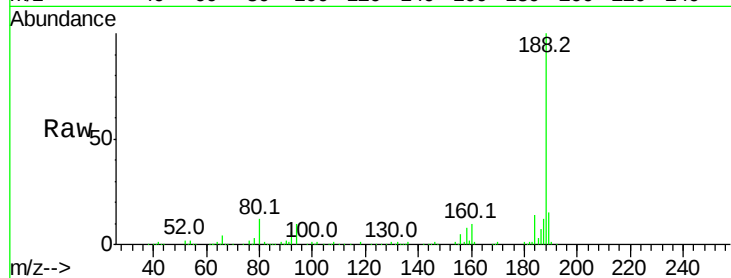




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

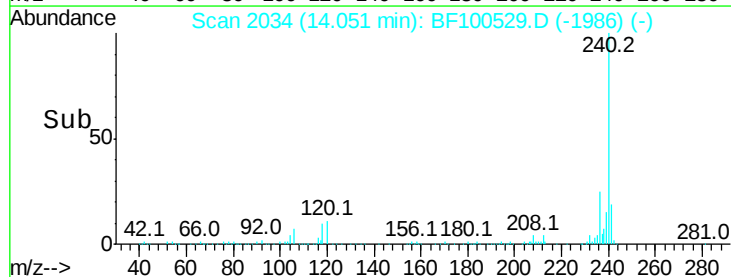
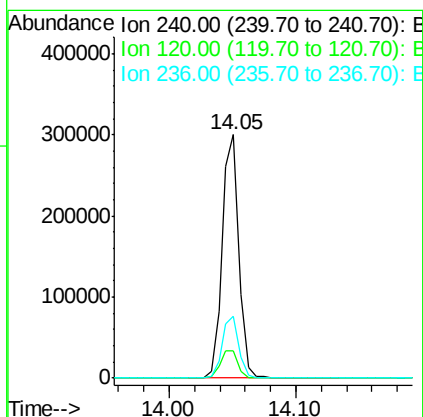
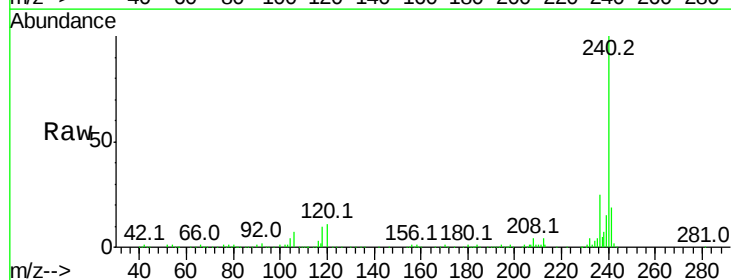
Instrument :
BNA_F
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TP-16

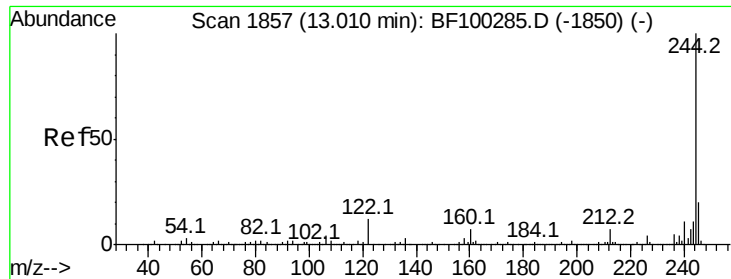
Tot Ion:188 Resp: 290417
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100529.D
Acq: 14 Nov 2017 7:13

Tgt Ion:240 Resp: 274815
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.3 20.7 31.1

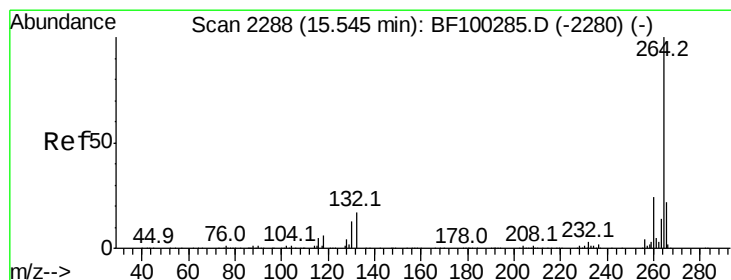
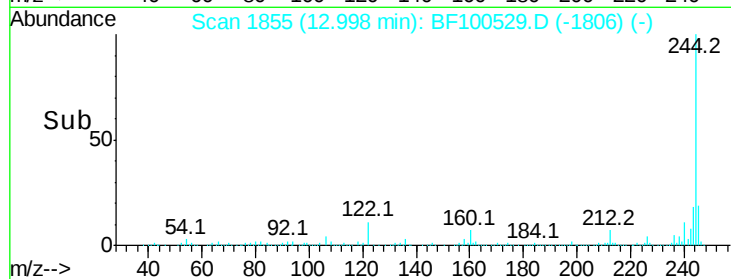
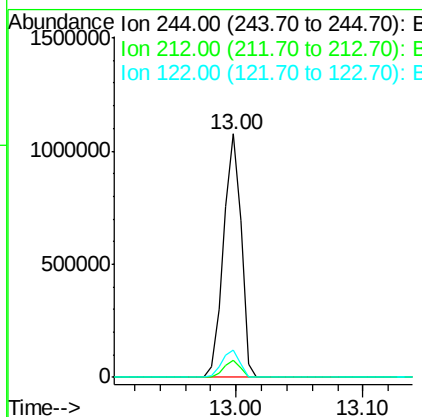
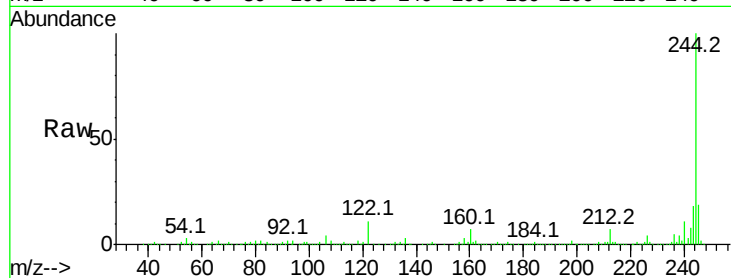




#78
 Terphenyl-d14
 Concen: 86.962 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Tot Ion:244 Resp: 1040099
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BF100529.D
 Acq: 14 Nov 2017 7:13

Tgt Ion:264 Resp: 206940
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.9 17.5 26.3

