

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100975.D
 Acq On : 29 Nov 2017 14:01
 Operator : SJ/JU
 Sample : PB104587BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104587BL

Quant Time: Nov 30 00:13:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	67257	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	266578	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	136371	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	285686	20.00	ng	0.00
75) Chrysene-d12	14.02	240	259734	20.00	ng	-0.01
86) Perylene-d12	15.48	264	182580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	356909	85.06	ng	0.00
7) Phenol-d6	6.48	99	435462	84.17	ng	-0.01
23) Nitrobenzene-d5	7.42	82	271008	67.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	152251	109.56	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	626515	69.96	ng	0.00
78) Terphenyl-d14	12.96	244	761656	67.38	ng	0.00

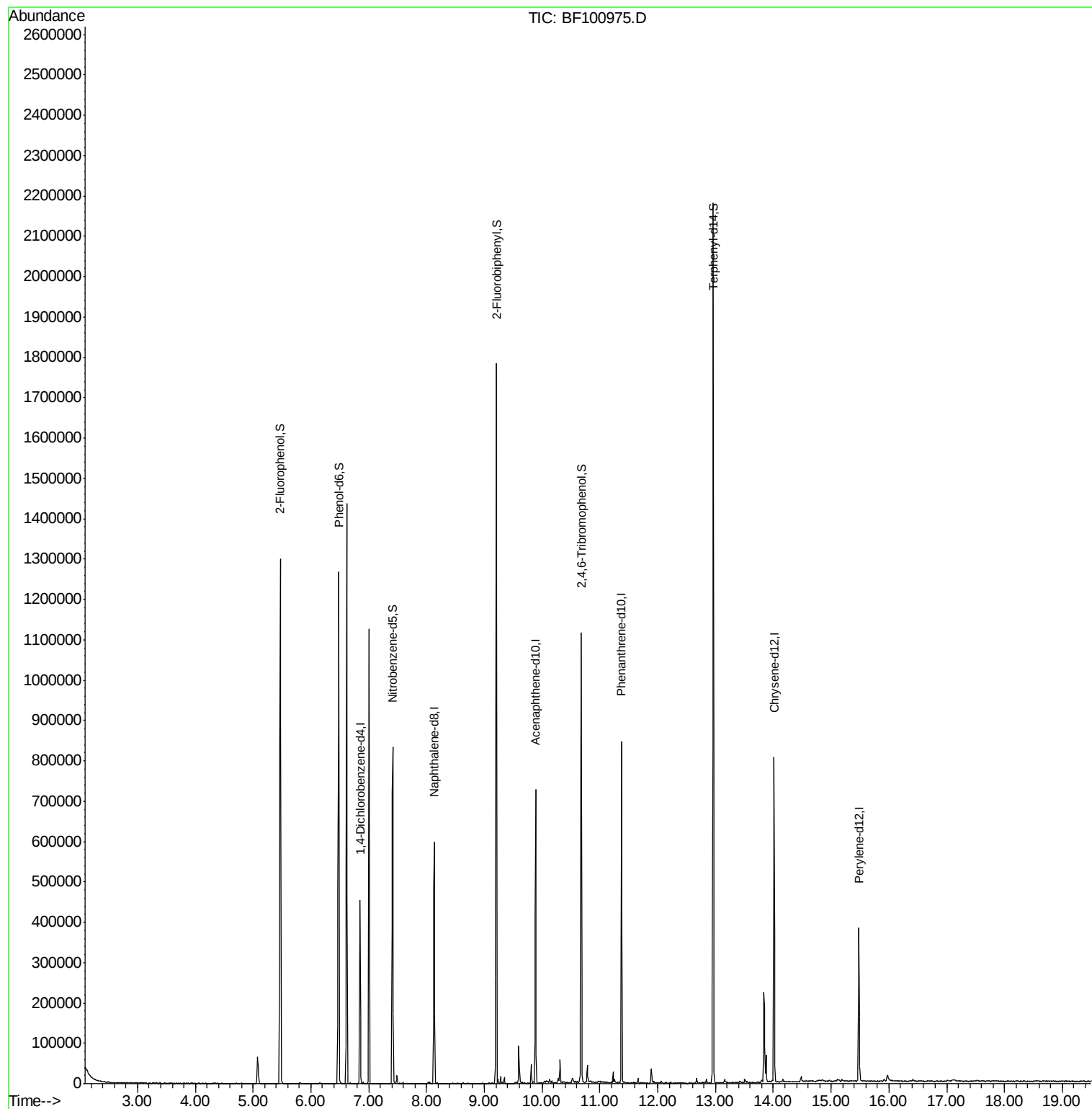
Target Compounds Qvalue

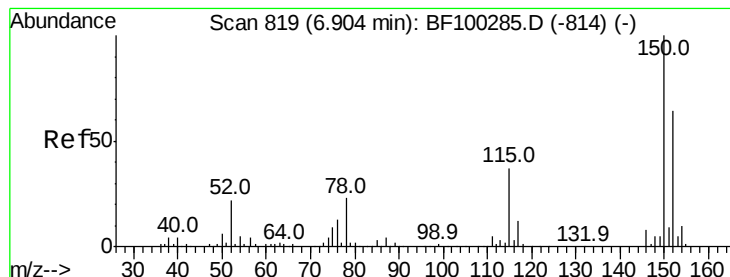
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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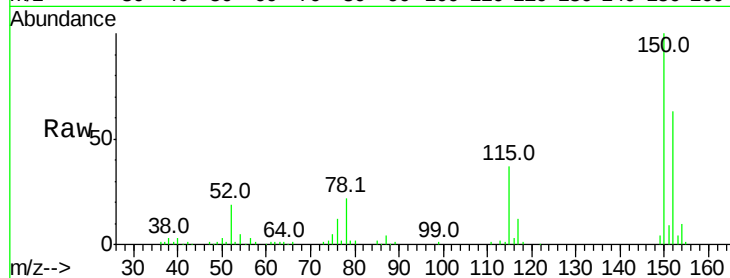


#1

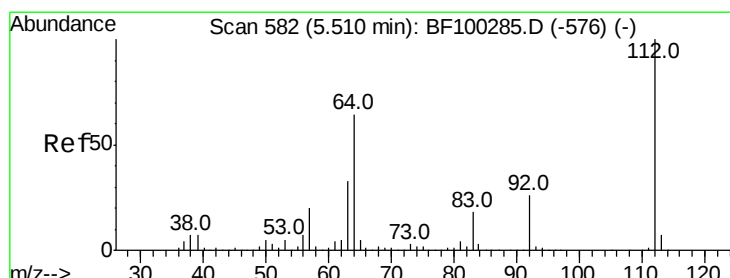
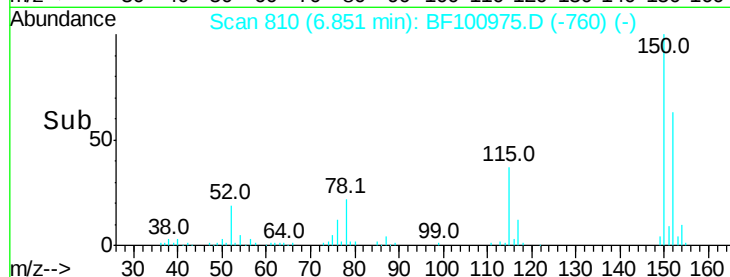
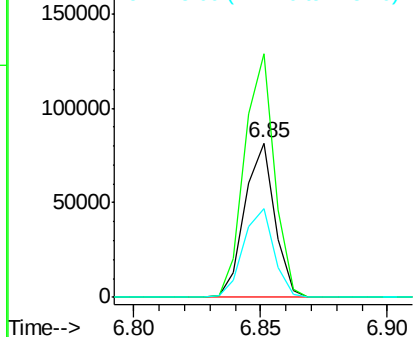
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Instrument :
BNA_F
ClientSampleId :
PB104587BL

Tot Ion:152 Resp: 67257
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.9 50.1 75.1



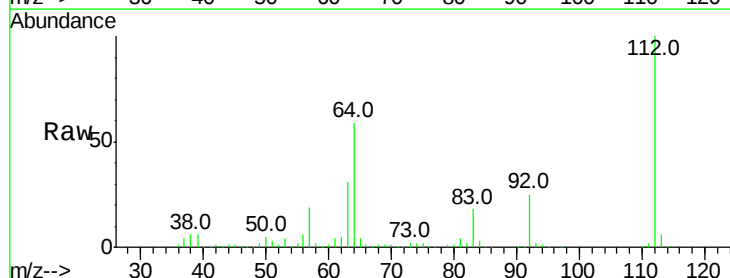
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



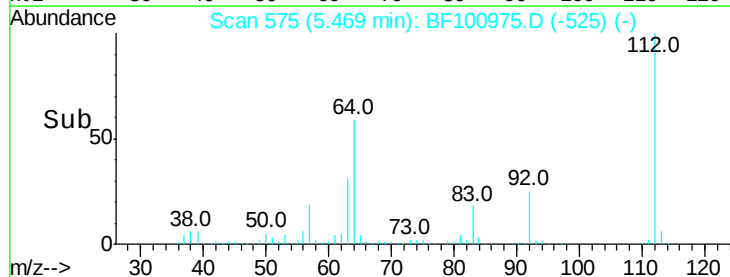
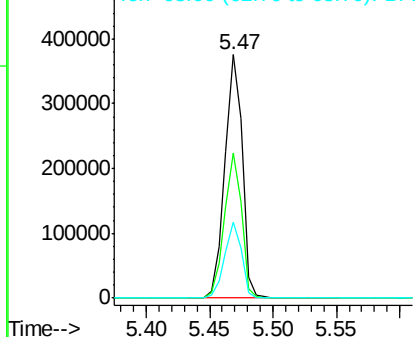
#5

2-Fluorophenol
Concen: 85.065 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Tgt Ion:112 Resp: 356909
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.1 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: 84.165 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

PB104587BL

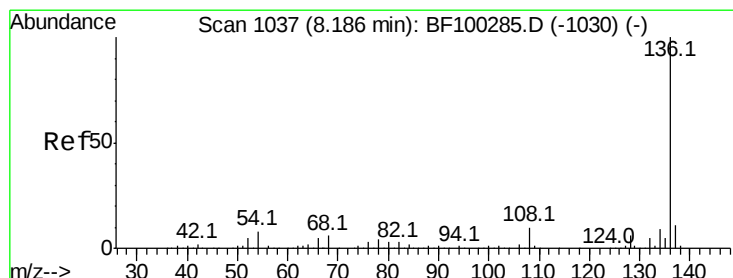
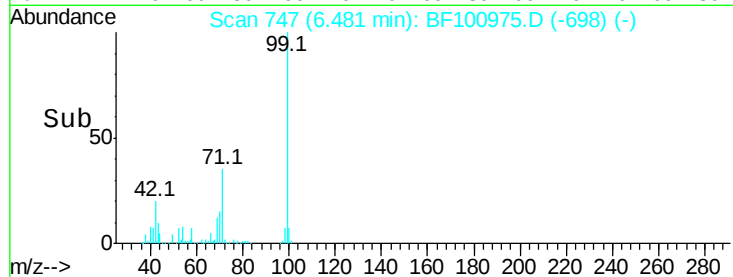
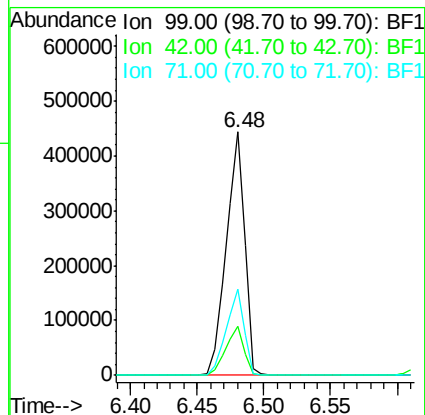
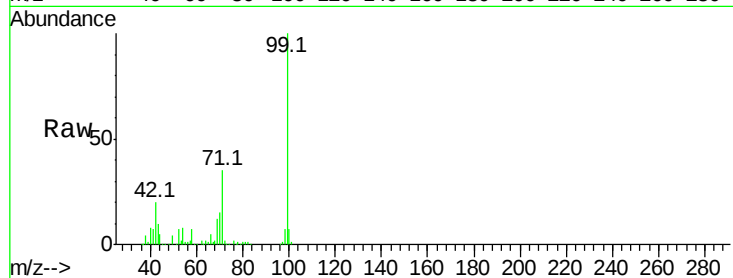
Tot Ion: 99 Resp: 435462

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

Tgt Ion: 136 Resp: 266578

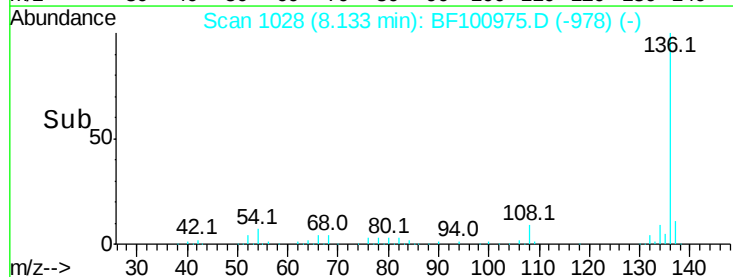
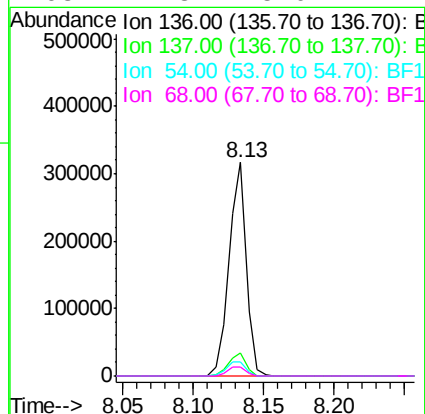
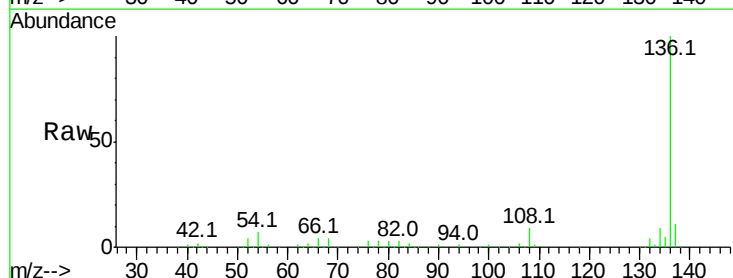
Ion Ratio Lower Upper

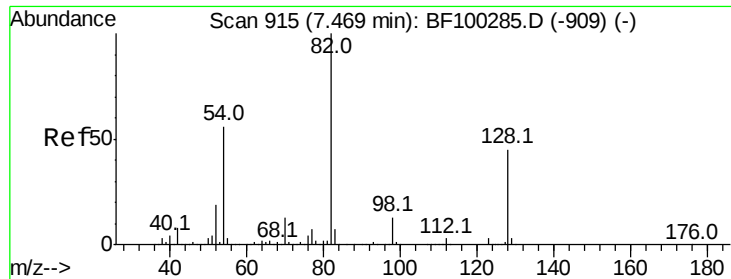
136 100

137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 4.3 5.0 7.4#

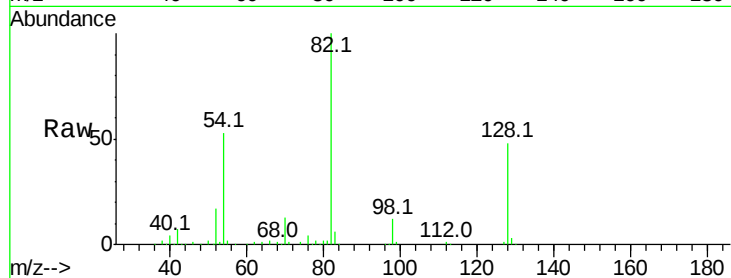




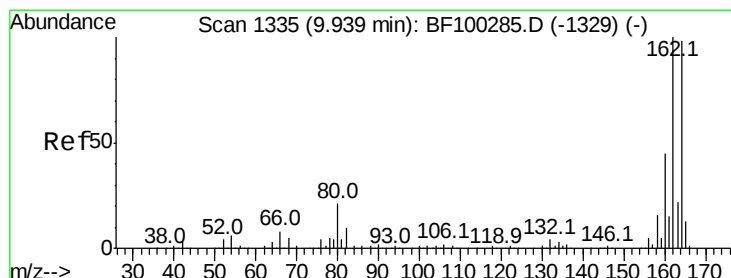
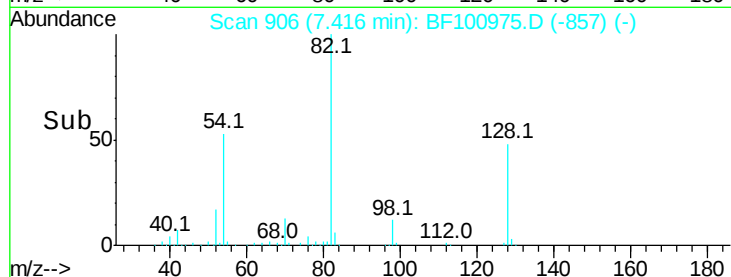
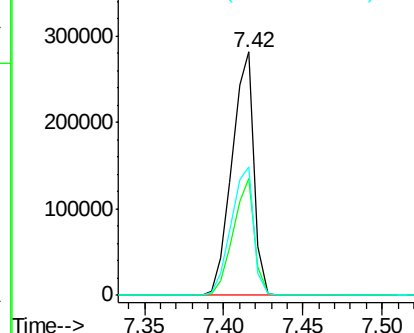
#23
 Nitrobenzene-d5
 Concen: 67.212 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB104587BL

Tot Ion: 82 Resp: 271008
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 52.6 41.4 62.2

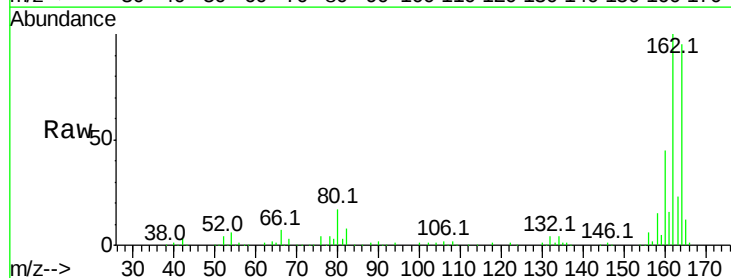


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

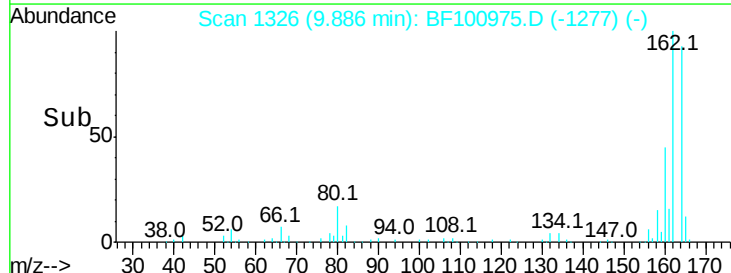
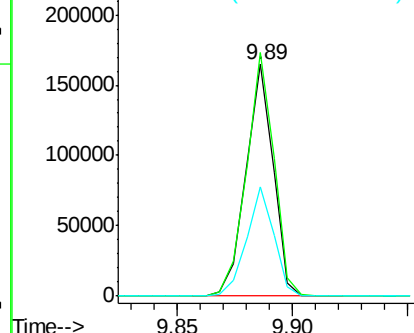


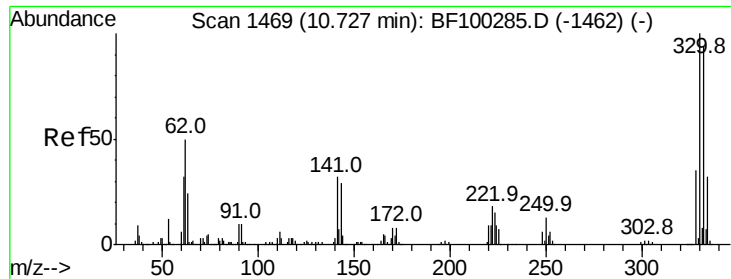
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Tgt Ion: 164 Resp: 136371
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.0 38.3 57.5



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

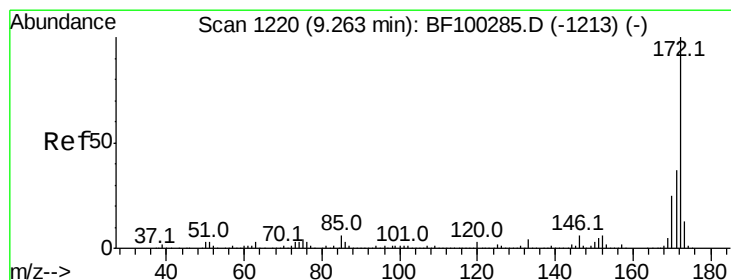
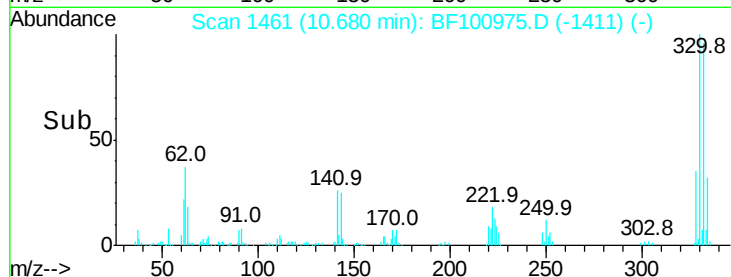
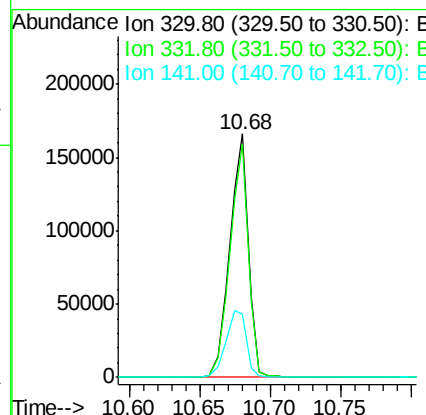
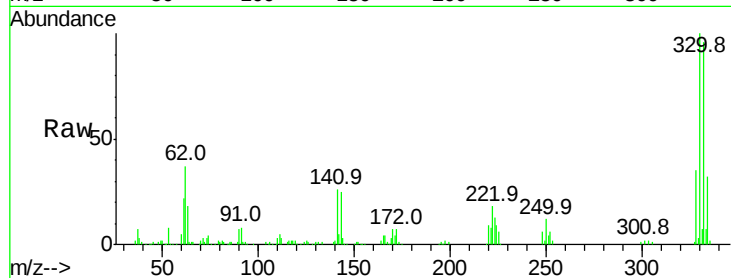




#41
 2,4,6-Tribromophenol
 Concen: 109.563 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

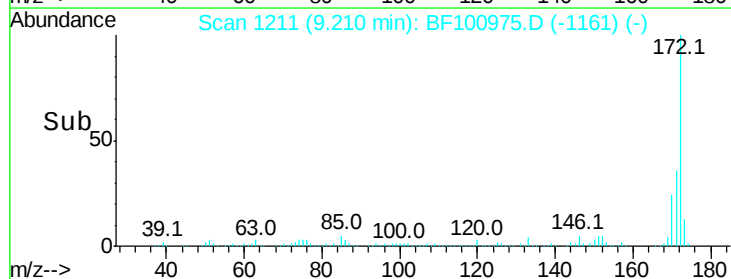
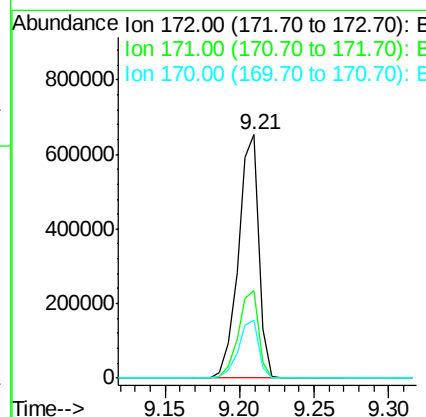
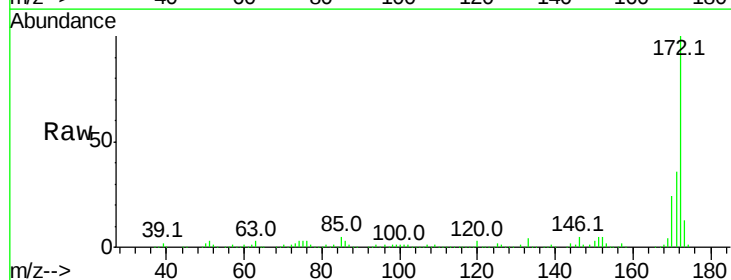
Instrument :
 BNA_F
 ClientSampleId :
 PB104587BL

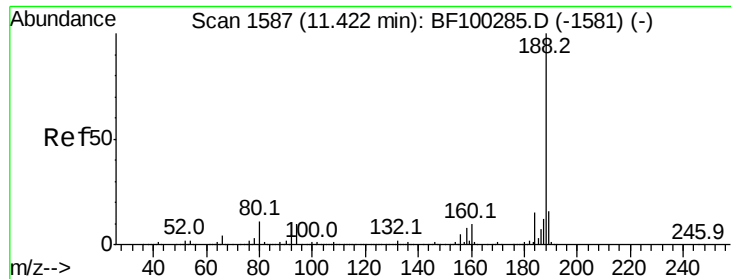
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 69.956 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100975.D
 Acq: 29 Nov 2017 14:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

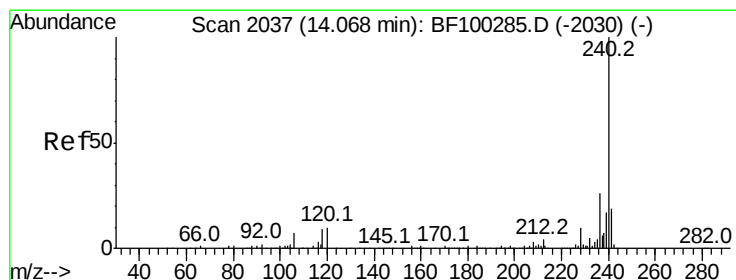
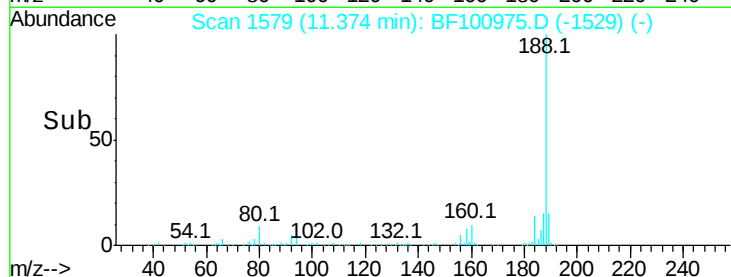
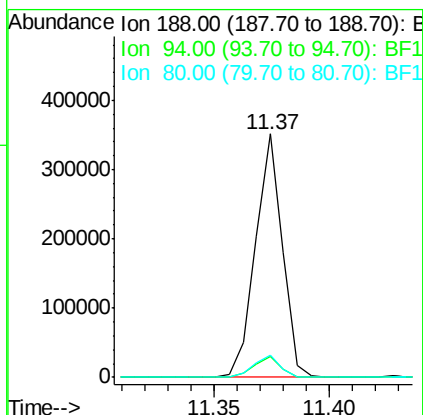
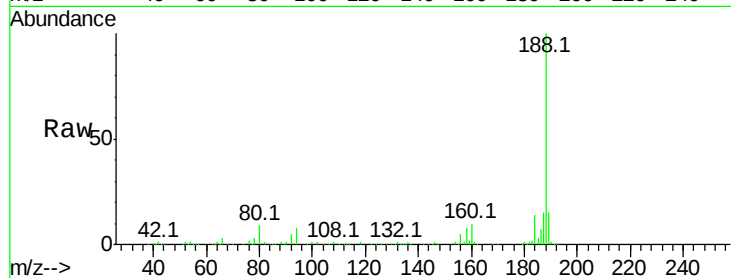




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

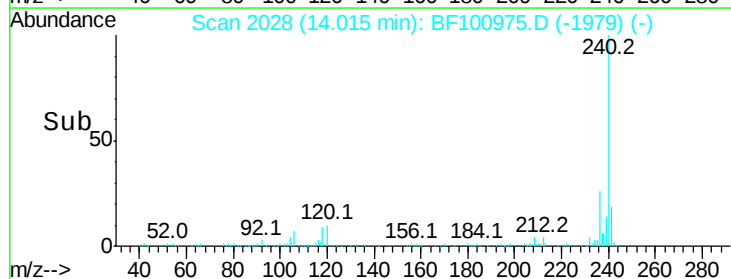
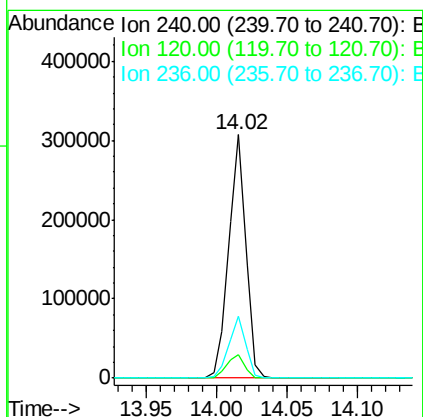
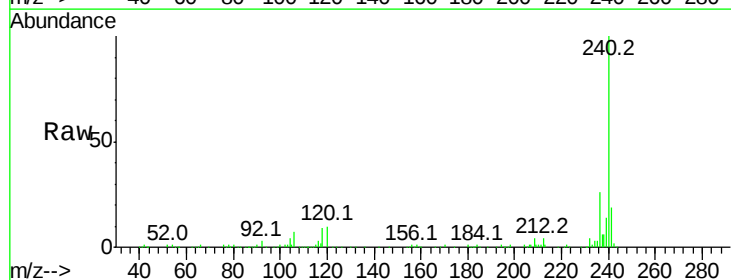
Instrument :
BNA_F
ClientSampleId :
PB104587BL

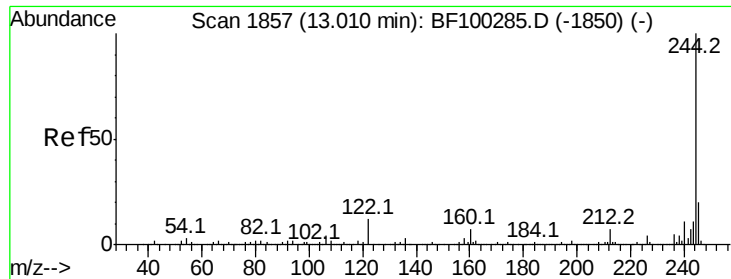
Tot Ion:188 Resp: 285686
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 8.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100975.D
Acq: 29 Nov 2017 14:01

Tgt Ion:240 Resp: 259734
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 67.379 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

Instrument :

BNA_F

ClientSampleId :

PB104587BL

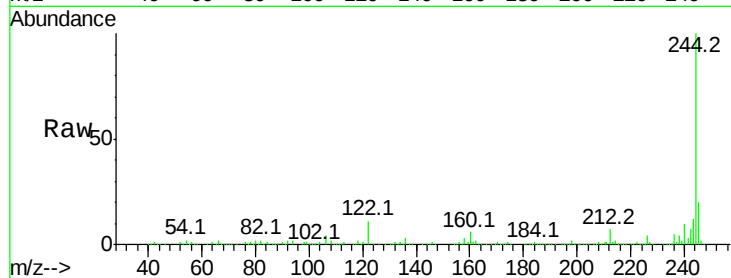
Tot Ion:244 Resp: 761656

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

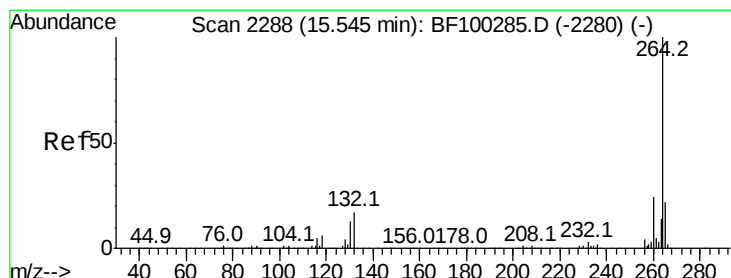
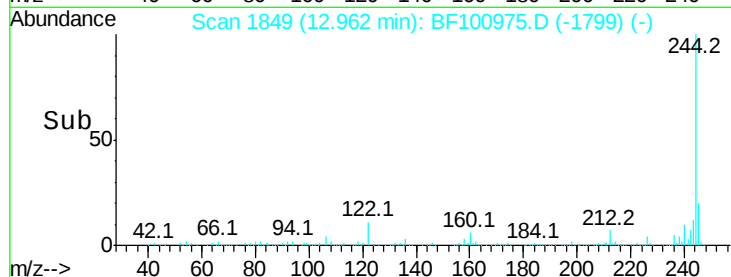
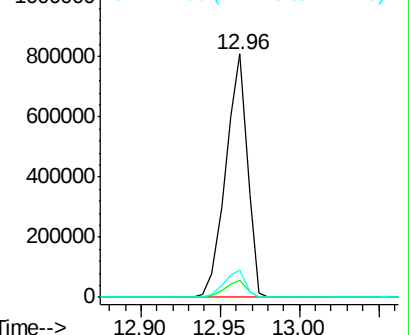
122 11.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF100975.D

Acq: 29 Nov 2017 14:01

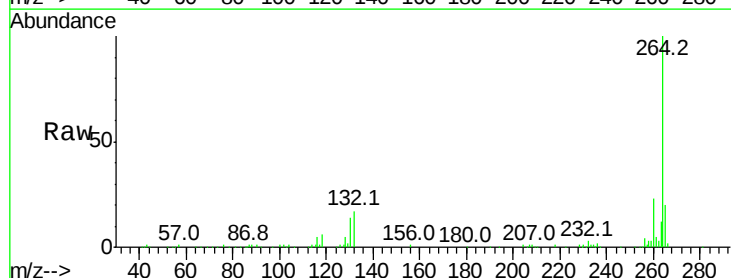
Tgt Ion:264 Resp: 182580

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.5 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

