

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100882.D
 Acq On : 27 Nov 2017 10:51
 Operator : SJ/JU
 Sample : PB104481BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104481BL

Quant Time: Nov 28 10:28:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	68091	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	275065	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	137102	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	279708	20.00	ng	0.00
75) Chrysene-d12	14.02	240	217009	20.00	ng	0.00
86) Perylene-d12	15.49	264	160642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	414680	97.62	ng	0.00
7) Phenol-d6	6.49	99	519031	99.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	325048	78.13	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	165883	118.74	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	732691	81.38	ng	0.00
78) Terphenyl-d14	12.97	244	767616	81.28	ng	0.00

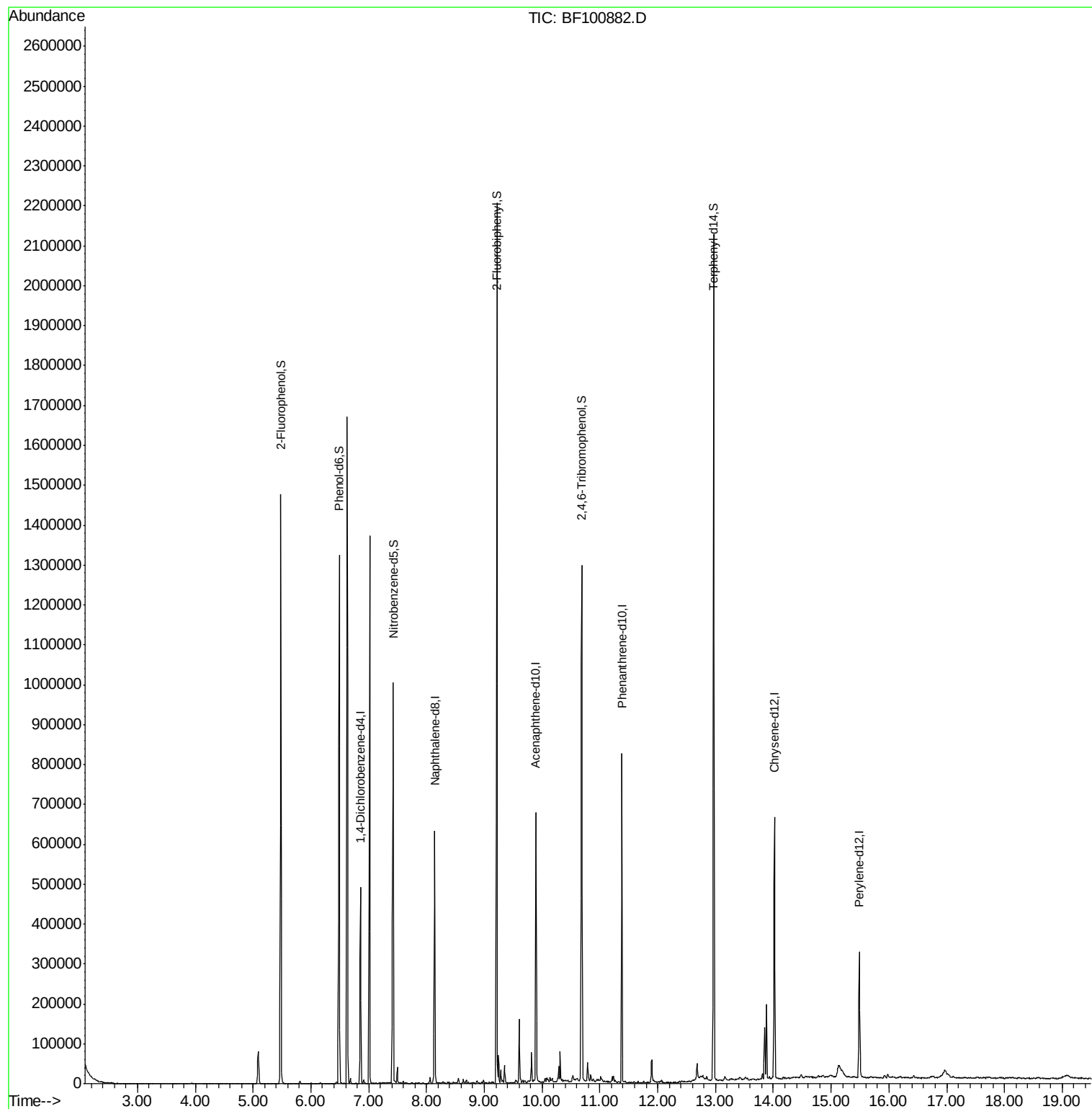
Target Compounds Qvalue

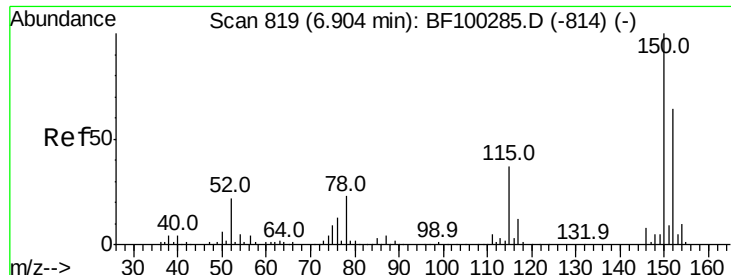
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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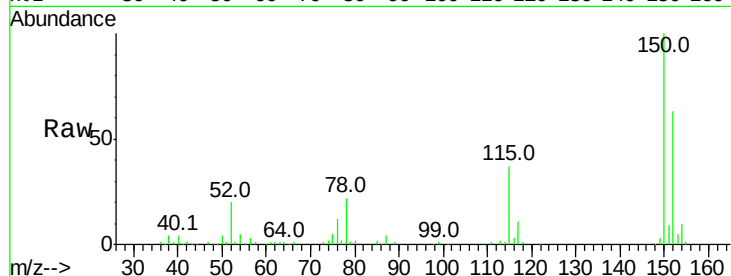


#1

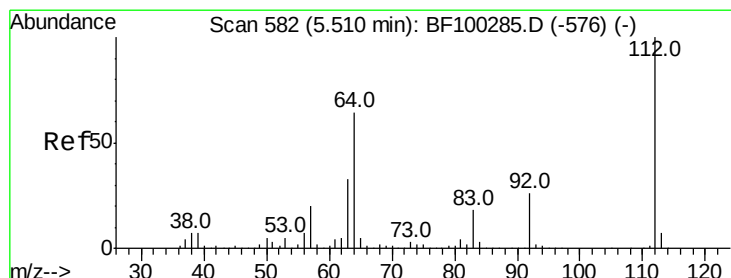
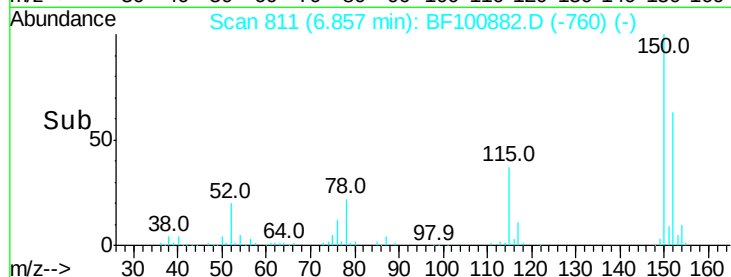
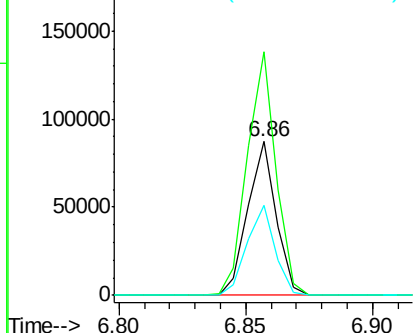
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100882.D
Acq: 27 Nov 2017 10:51

Instrument :
BNA_F
ClientSampleId :
PB104481BL

Tot Ion:152 Resp: 68091
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 58.5 50.1 75.1



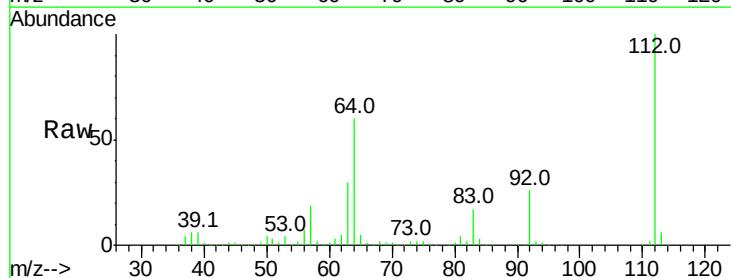
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



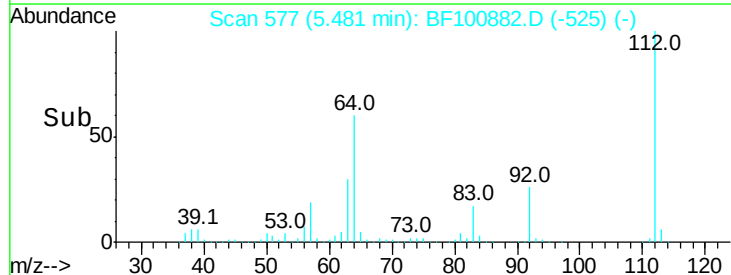
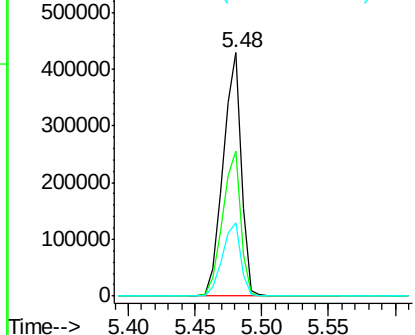
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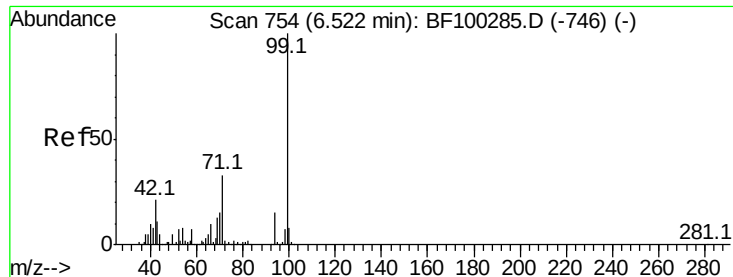
2-Fluorophenol
Concen: 97.623 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100882.D
Acq: 27 Nov 2017 10:51

Tgt Ion:112 Resp: 414680
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.1 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: 99.089 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100882.D

Acq: 27 Nov 2017 10:51

Instrument :

BNA_F

ClientSampleId :

PB104481BL

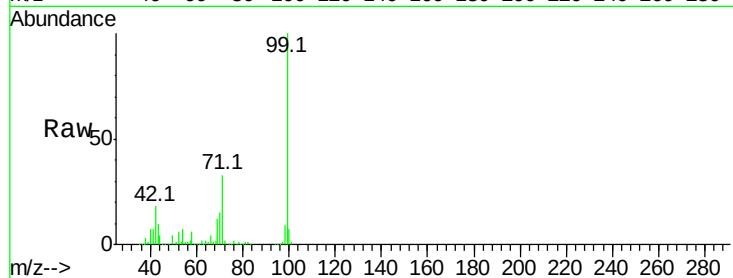
Tot Ion: 99 Resp: 519031

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 33.1 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

6.49

500000

400000

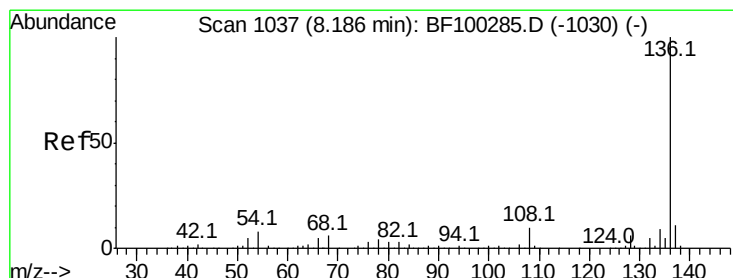
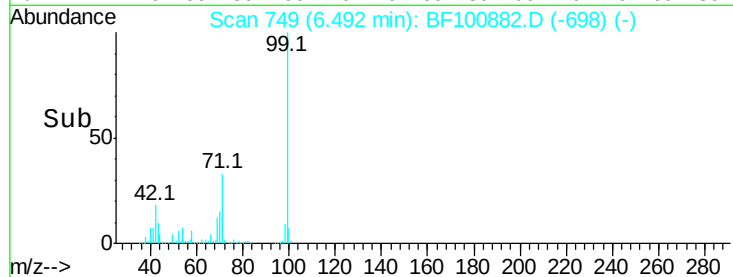
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100882.D

Acq: 27 Nov 2017 10:51

Tgt Ion: 136 Resp: 275065

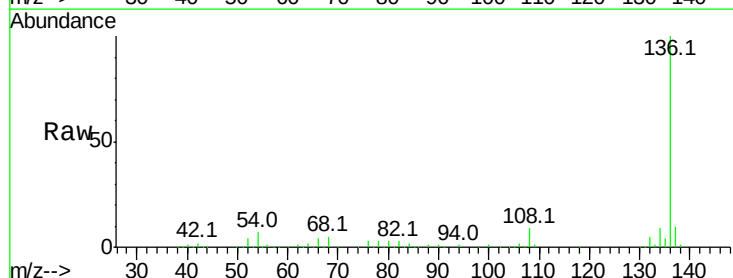
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.0 6.6 9.8

68 5.0 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

8.14

500000

400000

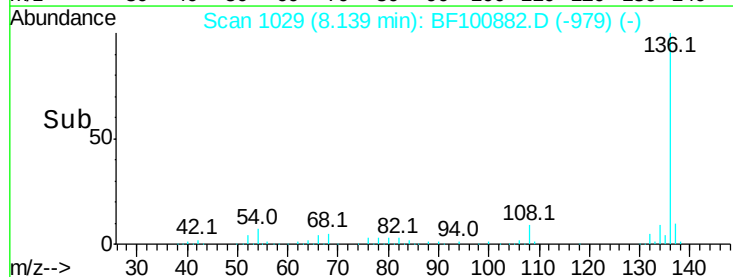
300000

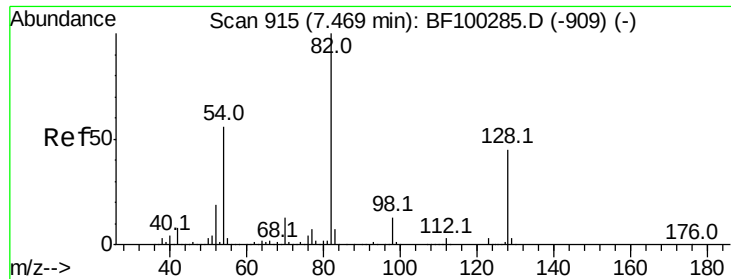
200000

100000

0

Time-->

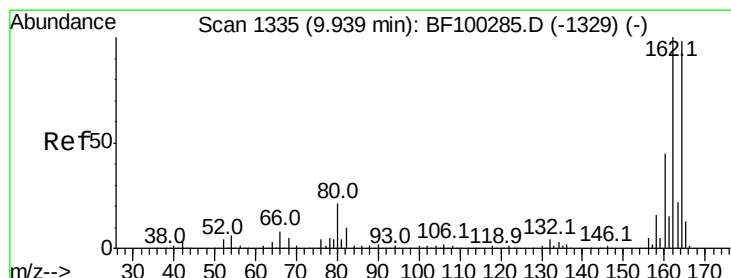
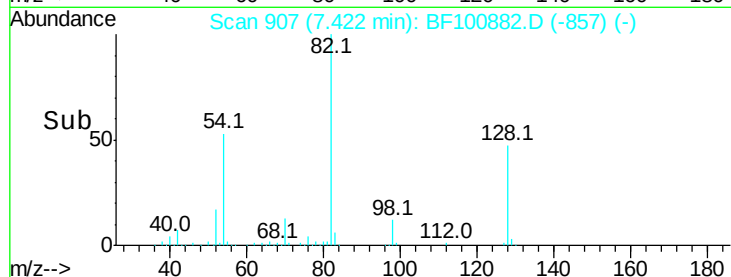
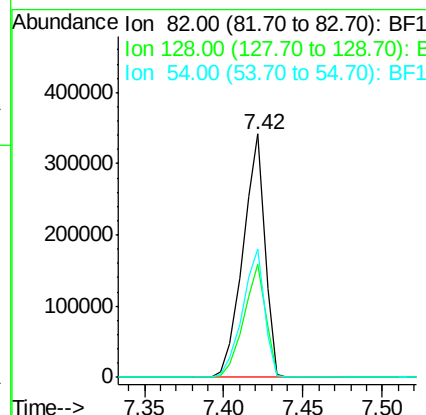
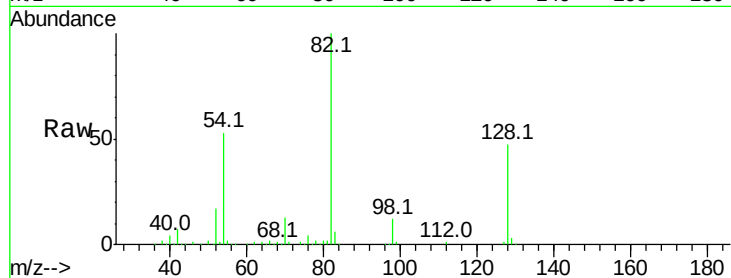




#23
 Nitrobenzene-d5
 Concen: 78.127 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100882.D
 Acq: 27 Nov 2017 10:51

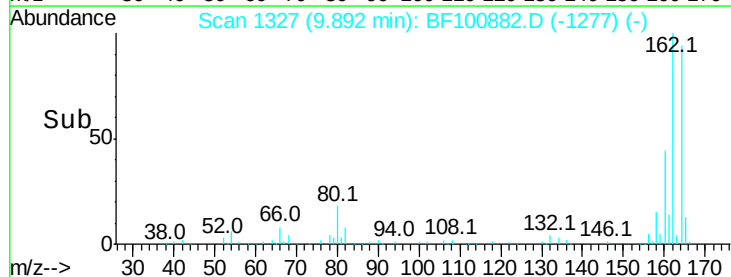
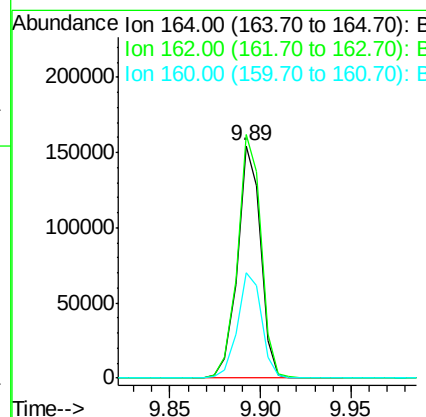
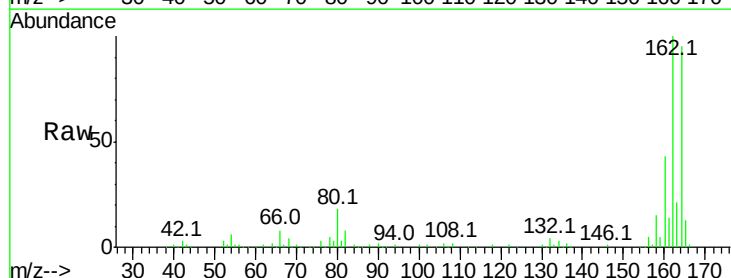
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BL

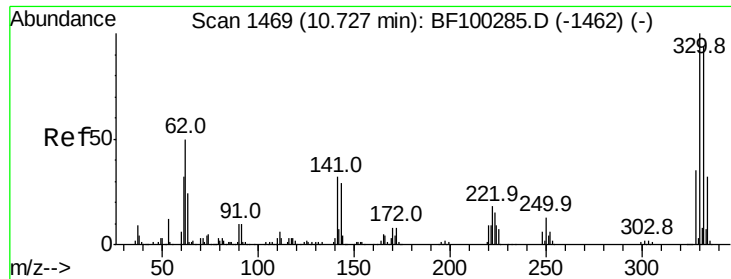
Tot Ion	82	Resp	325048
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	52.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100882.D
 Acq: 27 Nov 2017 10:51

Tgt Ion	164	Resp	137102
Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.5	38.3	57.5

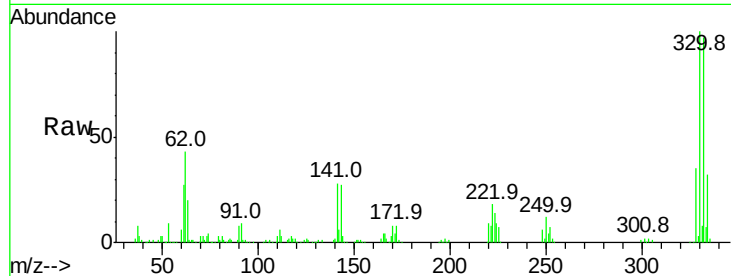




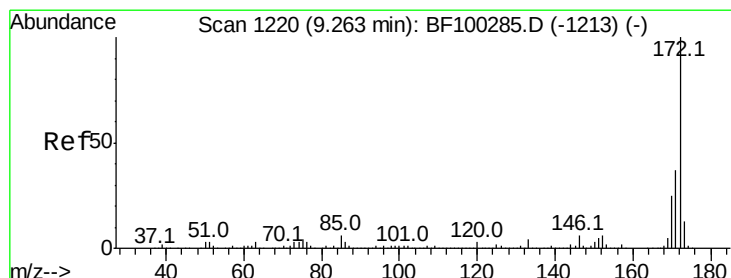
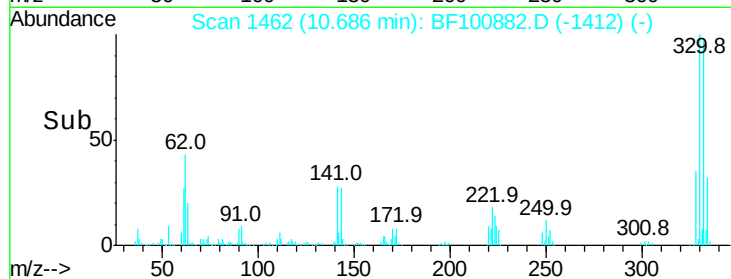
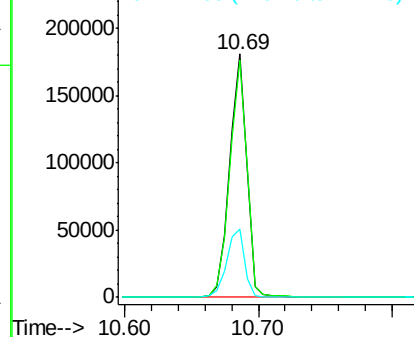
#41
 2,4,6-Tribromophenol
 Concen: 118.736 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100882.D
 Acq: 27 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB104481BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	29.2	29.9	44.9#

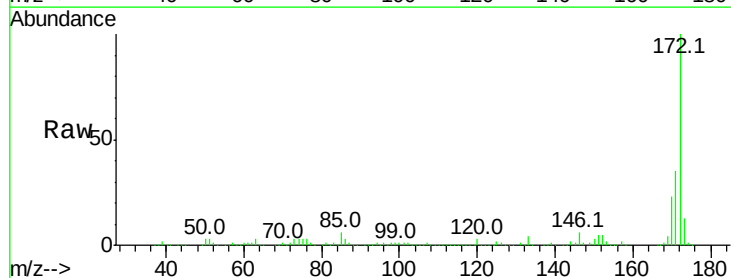


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

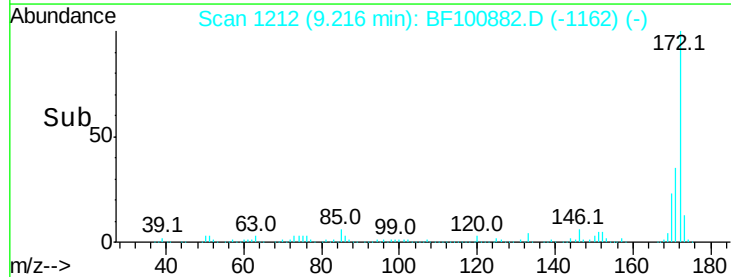
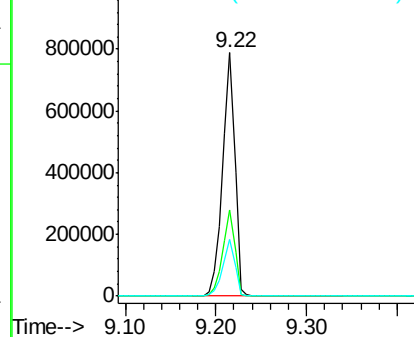


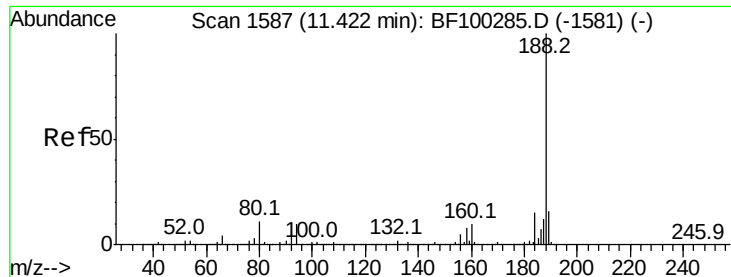
#44
 2-Fluorobiphenyl
 Concen: 81.376 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100882.D
 Acq: 27 Nov 2017 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.4	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

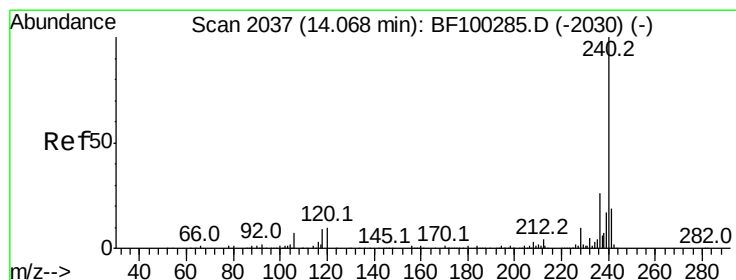
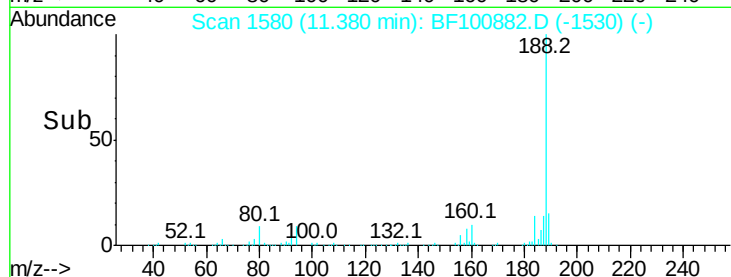
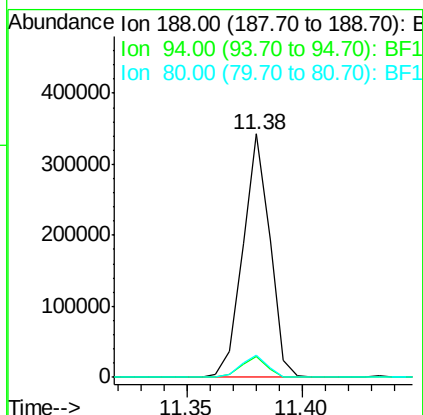
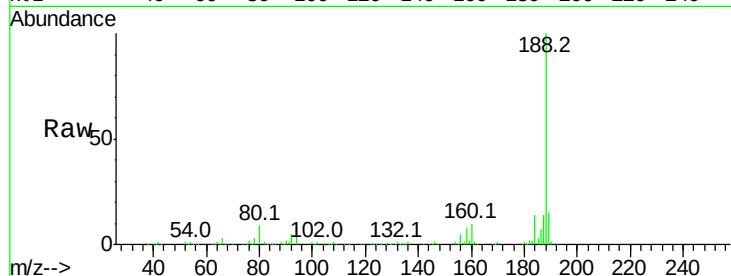




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100882.D
Acq: 27 Nov 2017 10:51

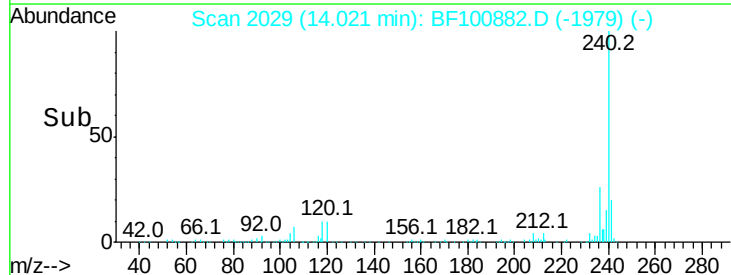
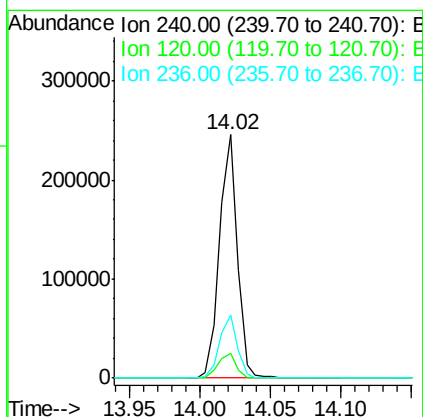
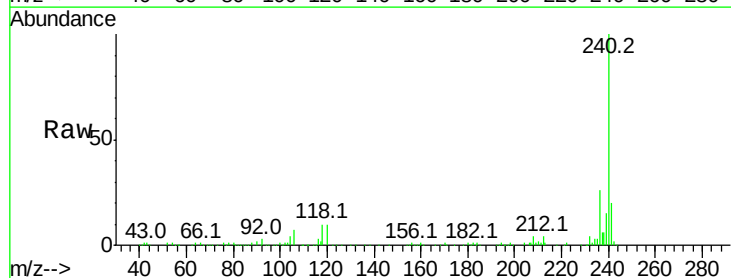
Instrument :
BNA_F
ClientSampleId :
PB104481BL

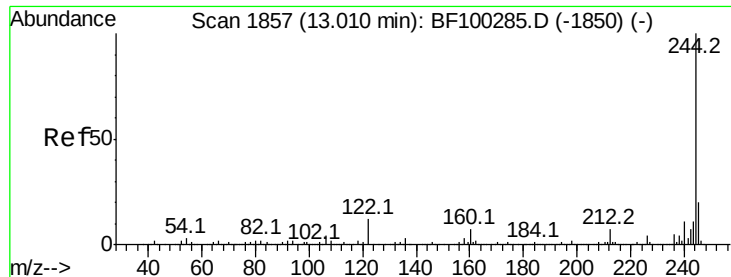
Tot Ion:188 Resp: 279708
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100882.D
Acq: 27 Nov 2017 10:51

Tgt Ion:240 Resp: 217009
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.9 20.7 31.1

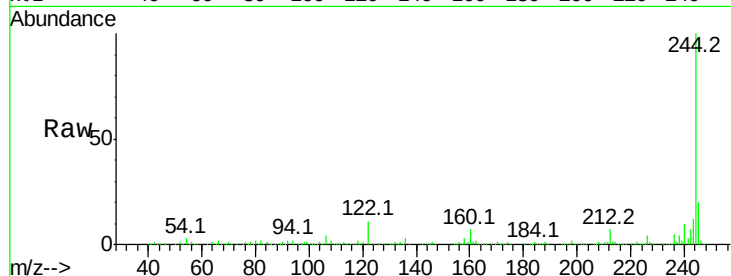




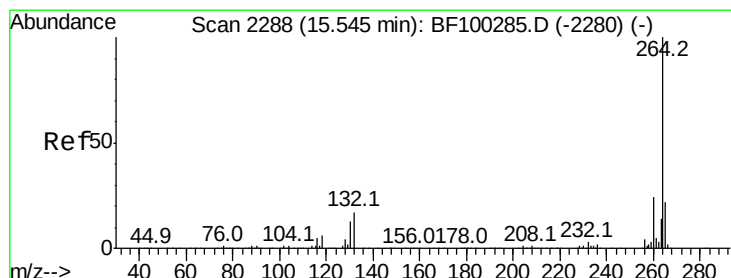
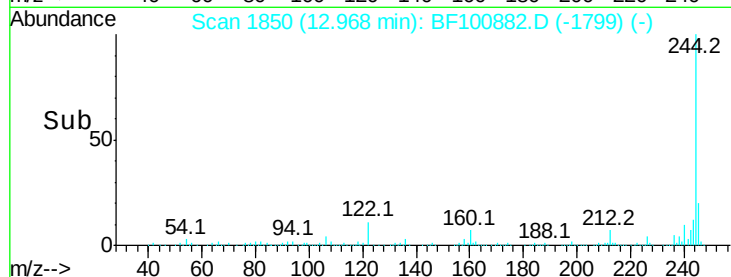
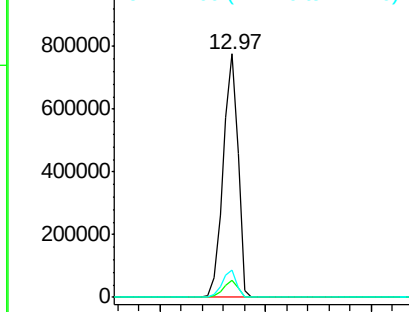
#78
 Terphenyl-d14
 Concen: 81.276 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100882.D
 Acq: 27 Nov 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB104481BL

Tot Ion:244 Resp: 767616
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.4 11.0 16.4

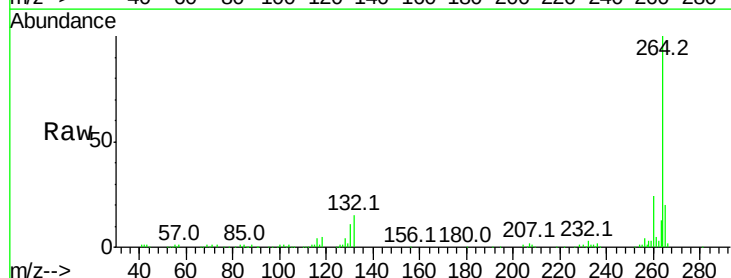


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF100882.D
 Acq: 27 Nov 2017 10:51

Tgt Ion:264 Resp: 160642
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.2 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

