

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100732.D
 Acq On : 20 Nov 2017 16:04
 Operator : SJ/JU
 Sample : PB104346BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BL

Quant Time: Nov 21 04:19:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80742	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	322658	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	148433	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	272752	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	151625	20.00	ng	-0.02
86) Perylene-d12	15.50	264	175632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	599047	118.93	ng	0.00
7) Phenol-d6	6.50	99	713369	114.85	ng	-0.01
23) Nitrobenzene-d5	7.43	82	453321	92.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	161868	107.02	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	943666	96.81	ng	-0.01
78) Terphenyl-d14	12.97	244	734918	111.37	ng	-0.01

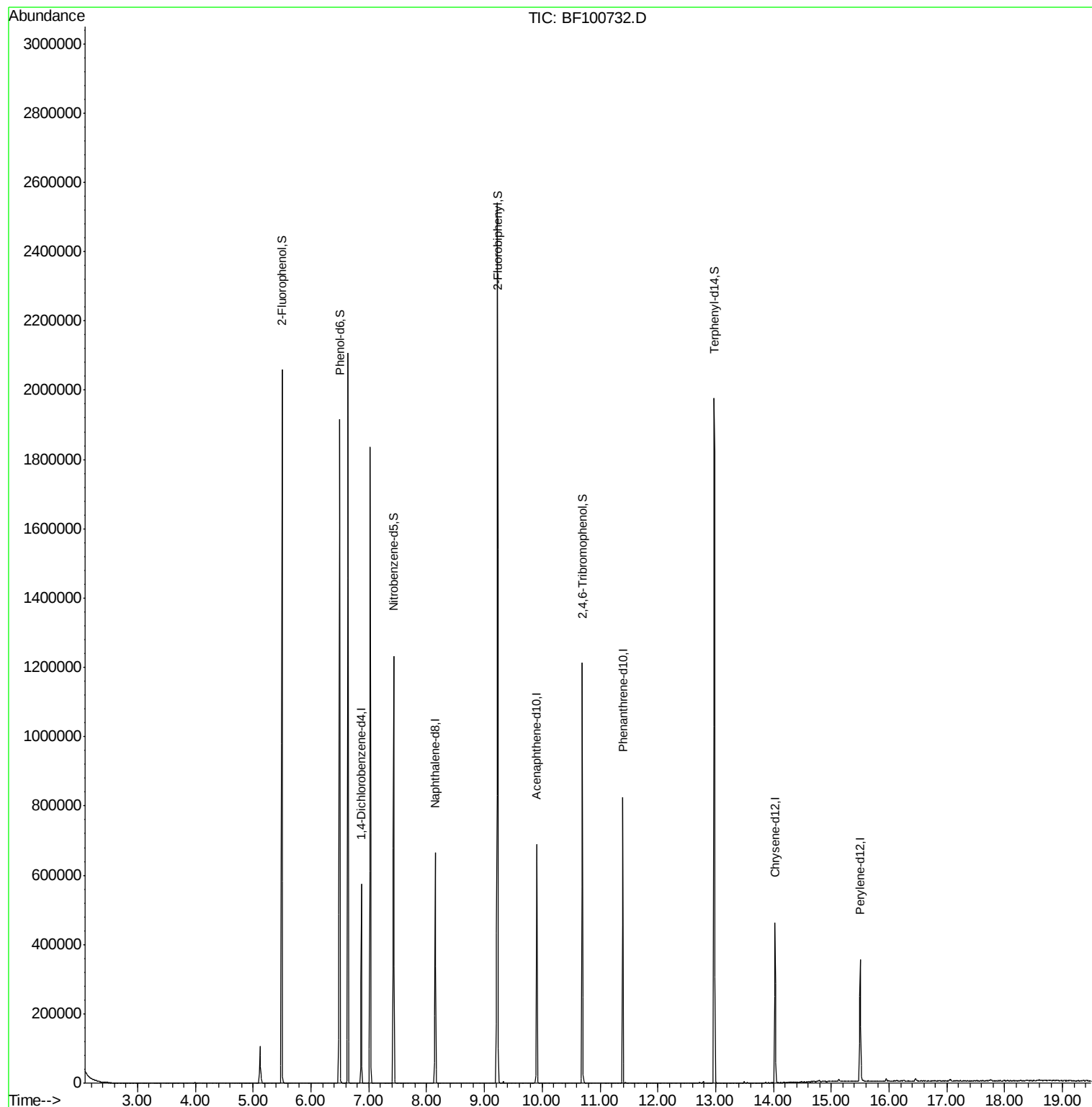
Target Compounds Qvalue

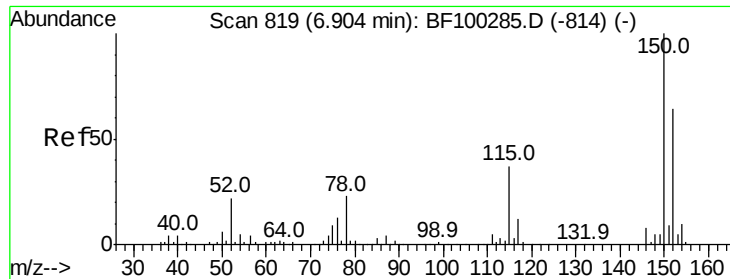
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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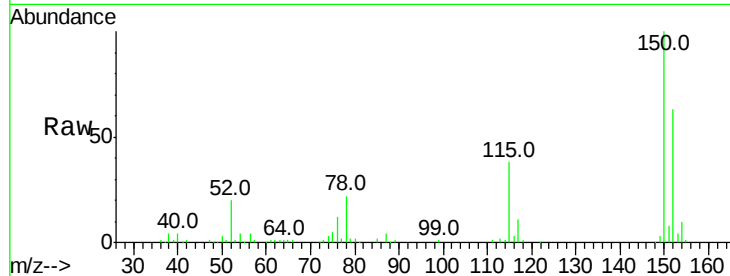


#1

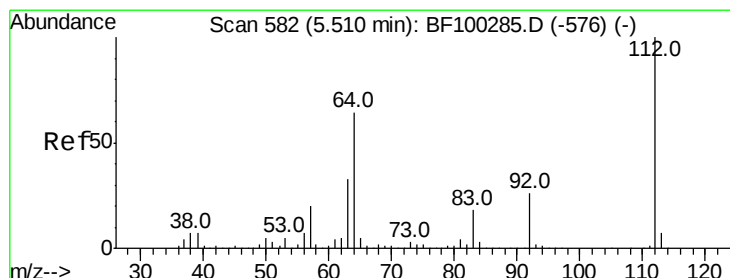
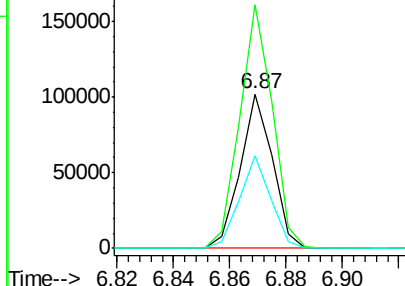
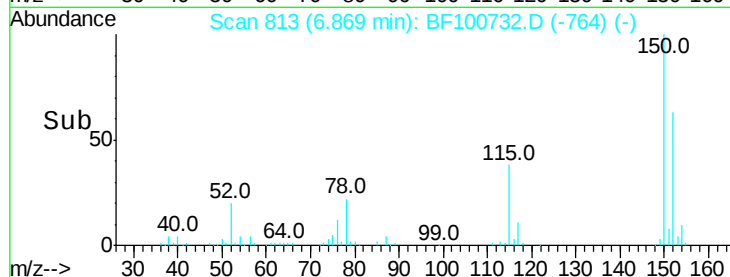
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BL

Tot Ion:152 Resp: 80742
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 60.1 50.1 75.1



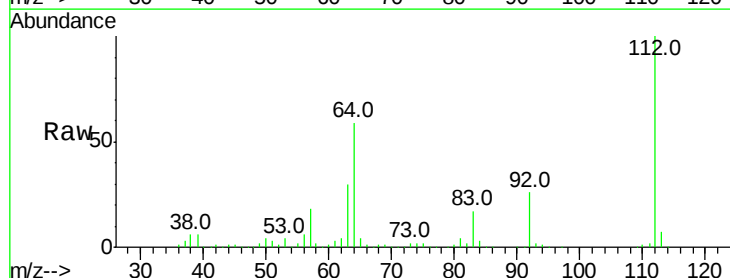
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



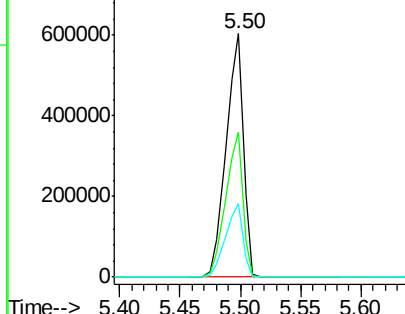
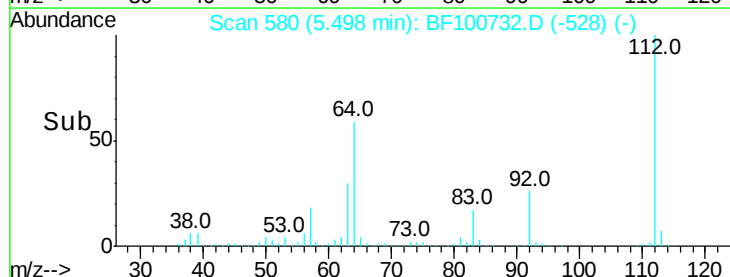
#5

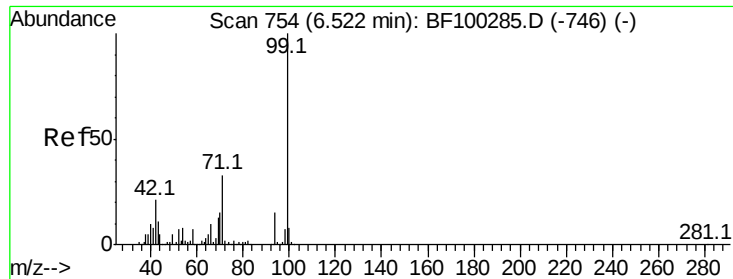
2-Fluorophenol
 Concen: 118.930 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

Tgt Ion:112 Resp: 599047
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 30.0 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: 114.851 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB104346BL

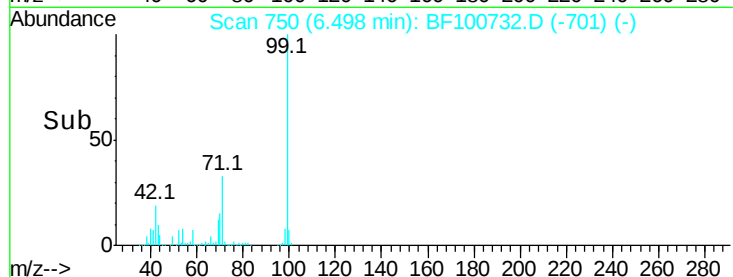
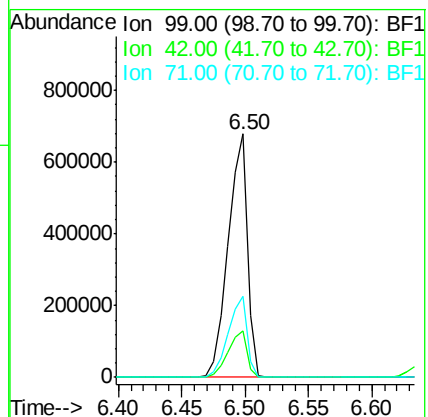
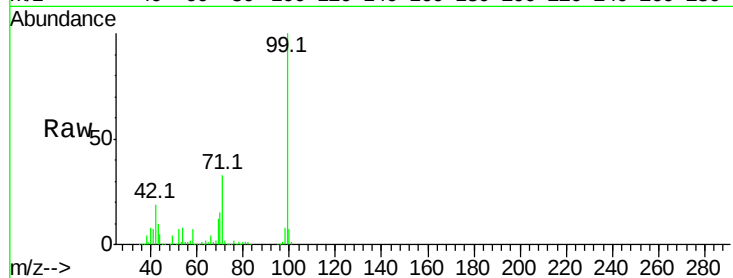
Tot Ion: 99 Resp: 713369

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Tgt Ion: 136 Resp: 322658

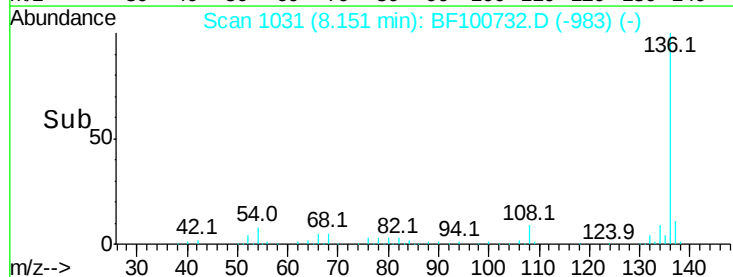
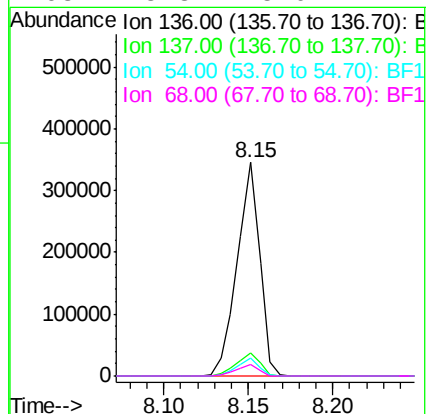
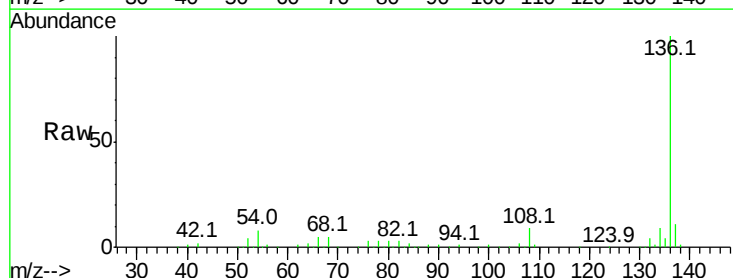
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.3 6.6 9.8

68 5.3 5.0 7.4

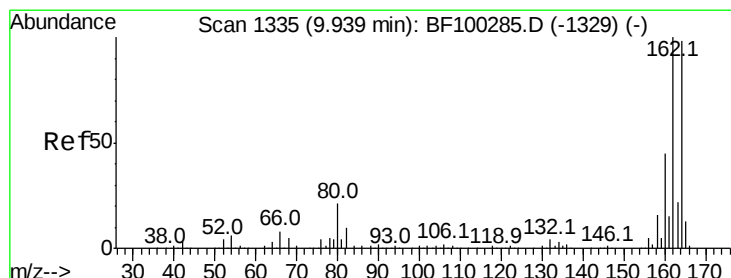
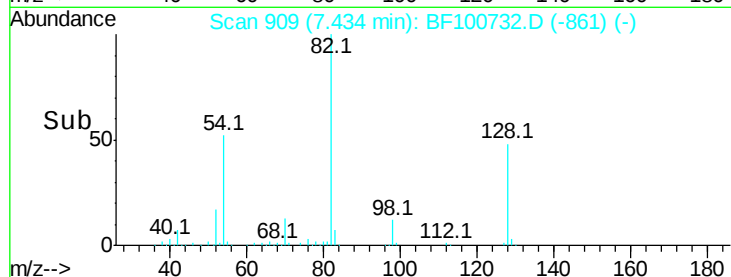
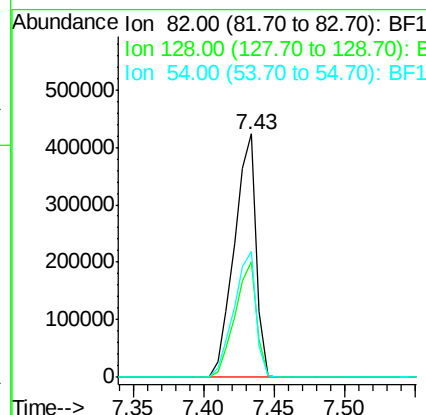
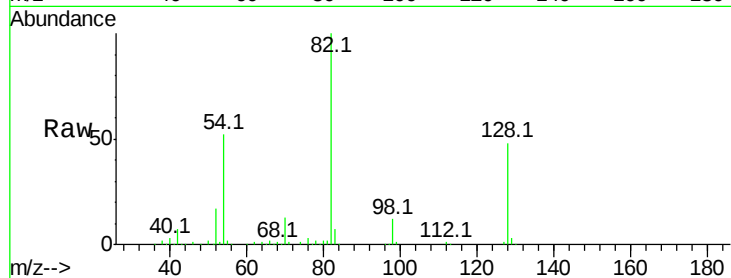




#23
 Nitrobenzene-d5
 Concen: 92.887 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

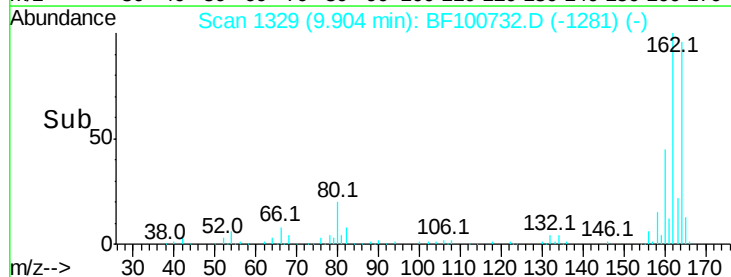
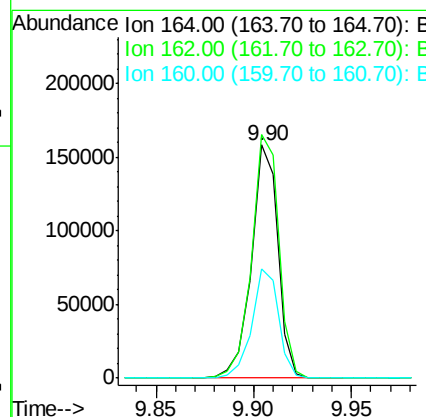
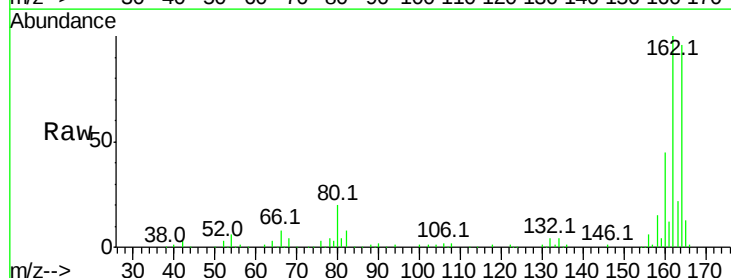
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BL

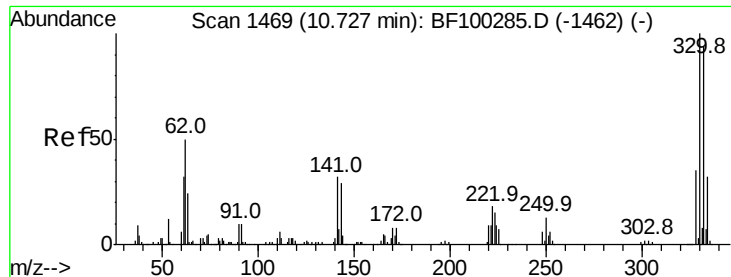
Tot Ion	82	Resp	453321
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	51.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

Tgt Ion	164	Resp	148433
Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.8	38.3	57.5

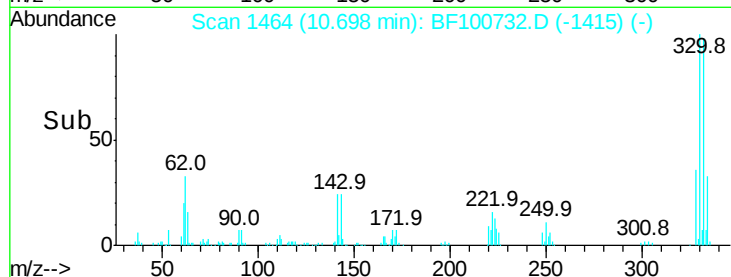
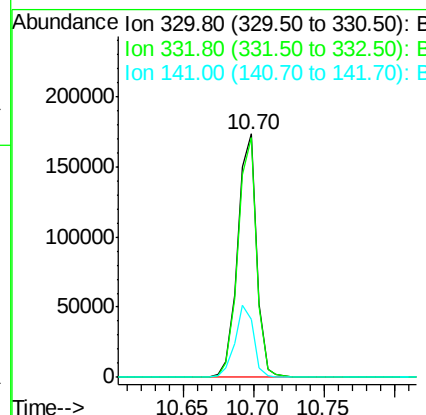
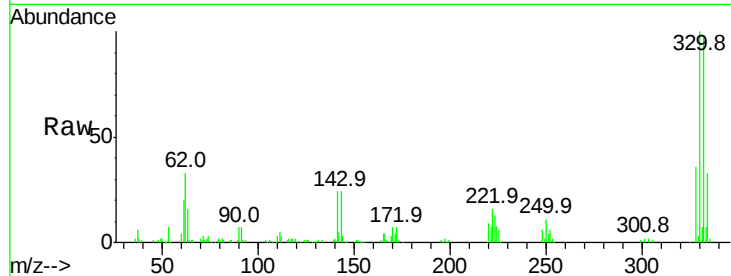




#41
 2,4,6-Tribromophenol
 Concen: 107.018 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

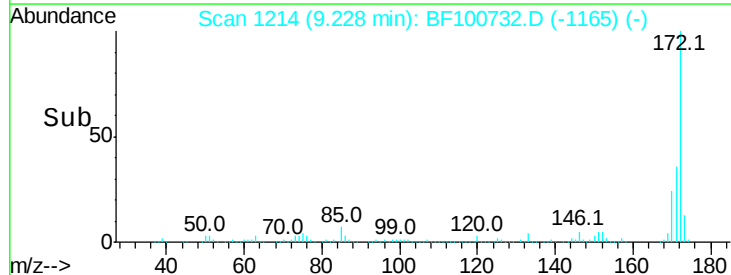
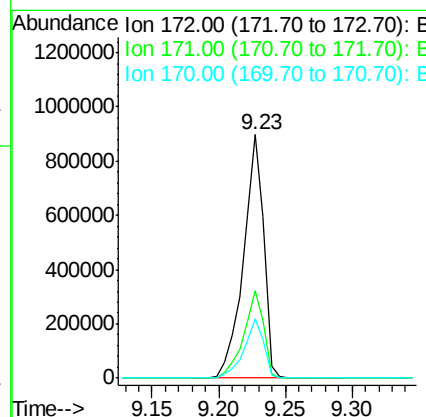
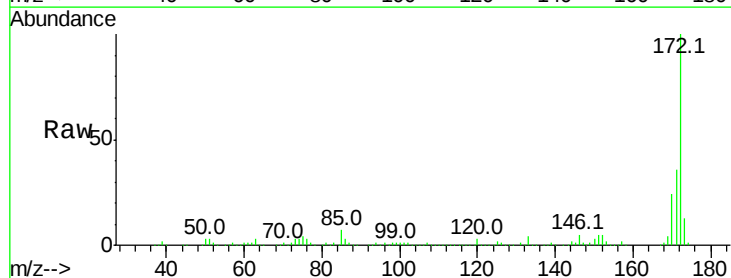
Instrument :
 BNA_F
 ClientSampleId :
 PB104346BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 96.807 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

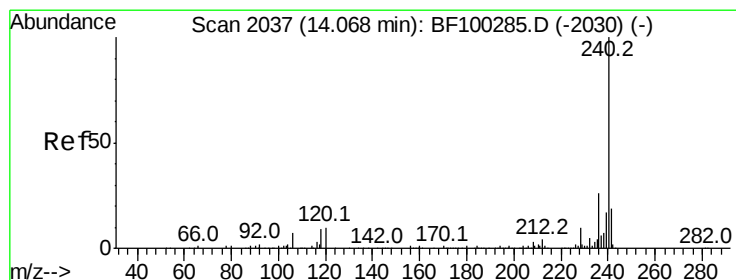
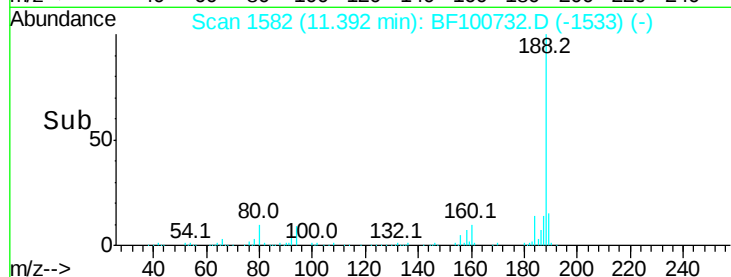
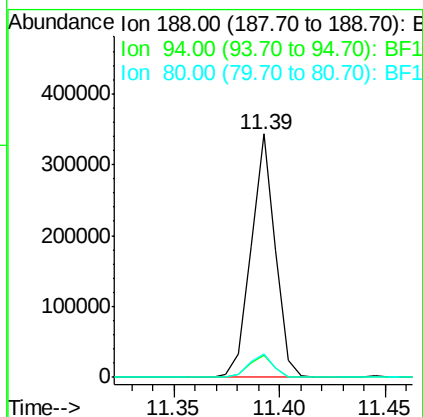
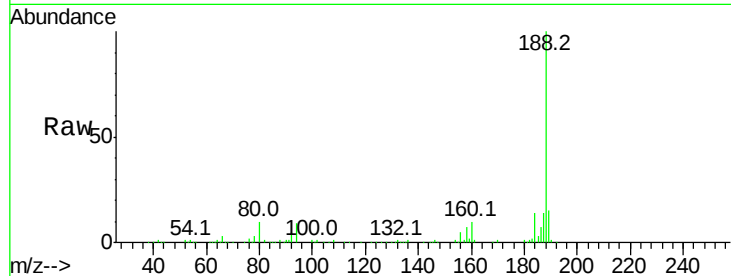




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

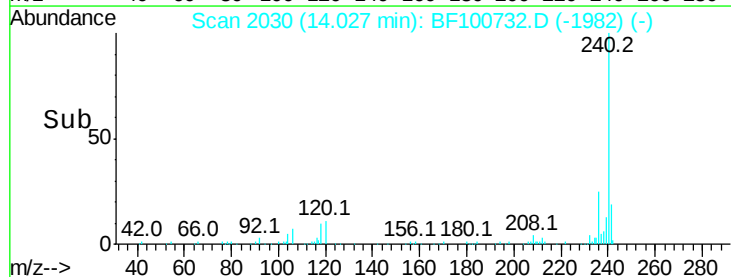
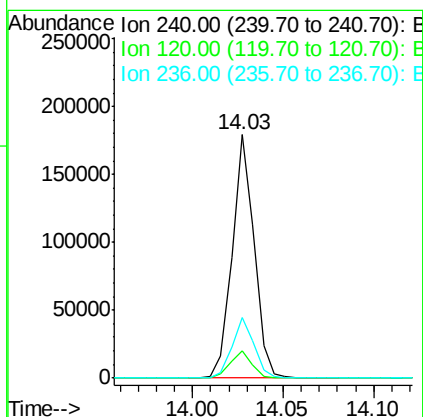
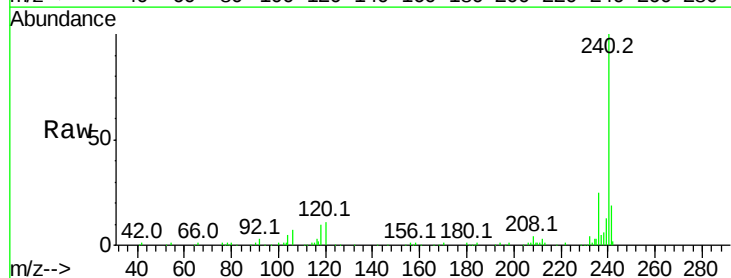
Instrument :
BNA_F
ClientSampleId :
PB104346BL

Tot Ion:188 Resp: 272752
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Tgt Ion:240 Resp: 151625
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 111.369 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB104346BL

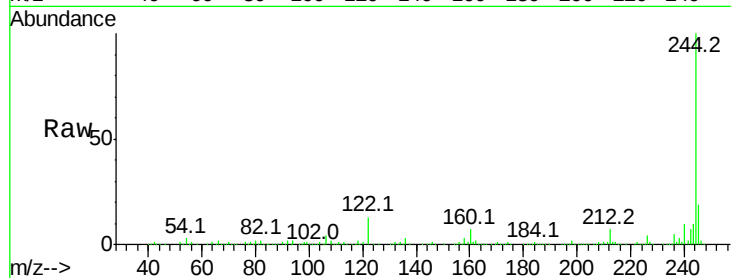
Tot Ion:244 Resp: 734918

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

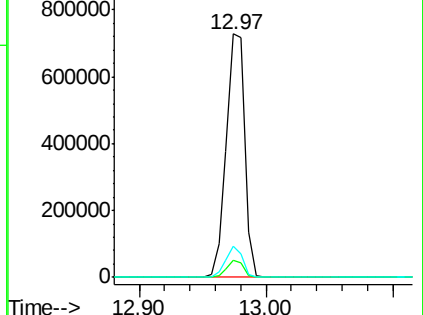
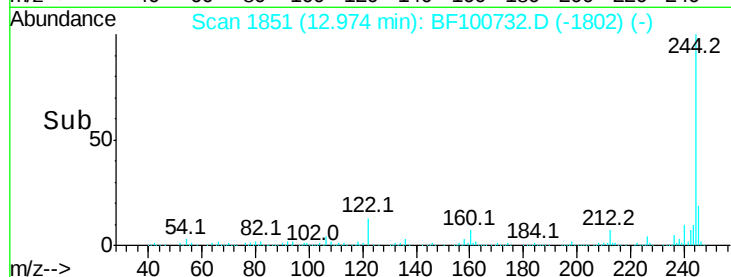
122 12.6 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

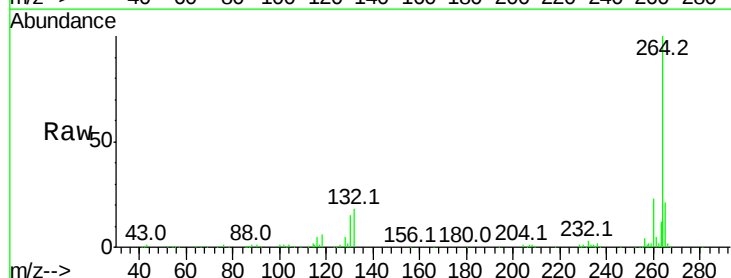
Tgt Ion:264 Resp: 175632

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.3 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

