

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100340.D
 Acq On : 9 Nov 2017 14:23
 Operator : SJ/JU
 Sample : PB103993BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103993BL

Quant Time: Nov 09 16:27:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138946	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	522261	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	211189	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	350874	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302748	20.00	ng	0.00
86) Perylene-d12	15.54	264	213752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	971622	112.09	ng	0.02
7) Phenol-d6	6.53	99	1148407	107.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	691631	87.55	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	219368	101.94	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1248472	90.02	ng	0.00
78) Terphenyl-d14	13.01	244	980520	74.42	ng	0.00

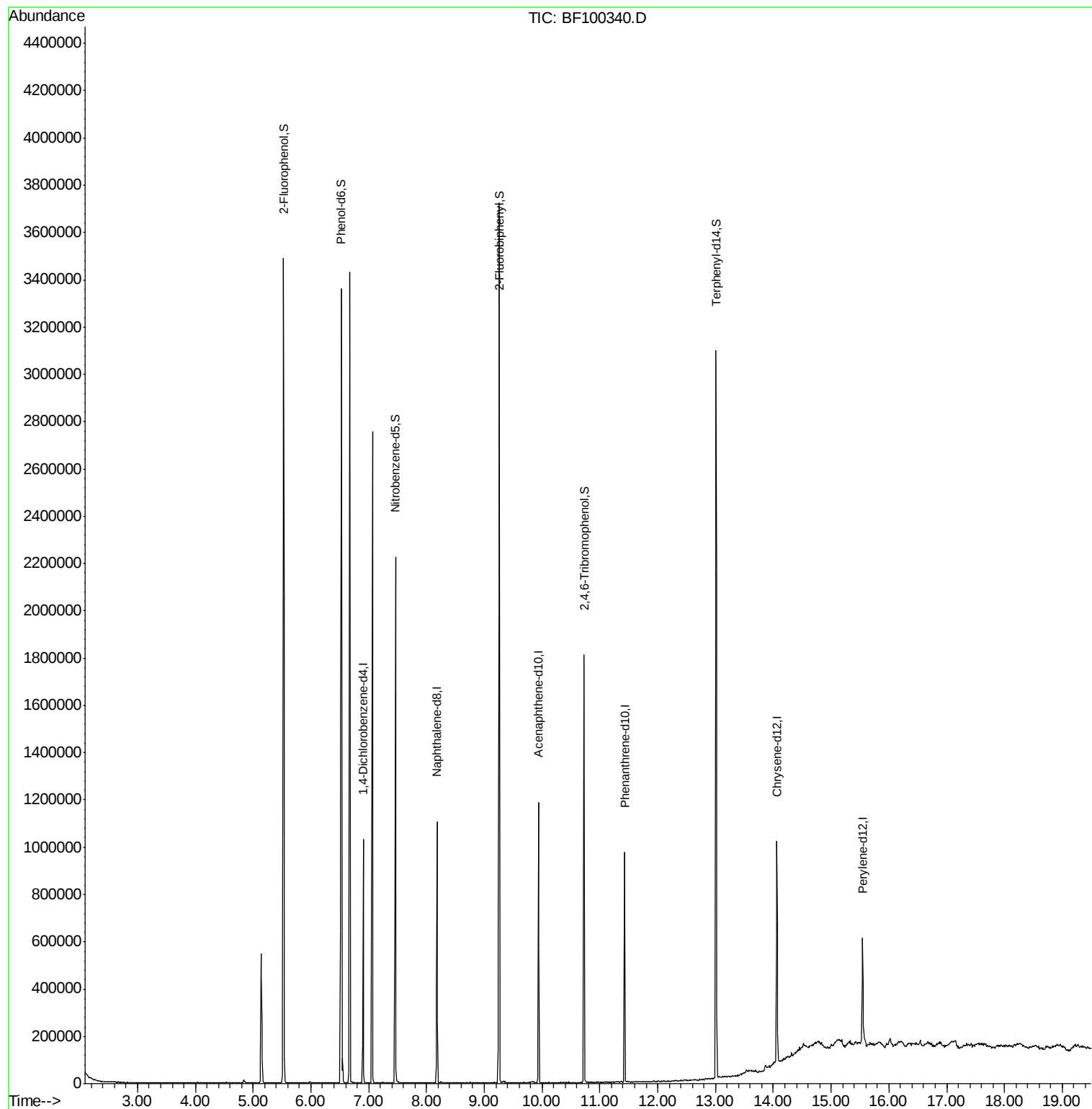
Target Compounds Qvalue

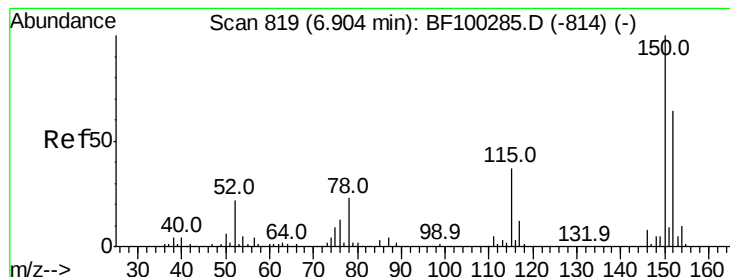
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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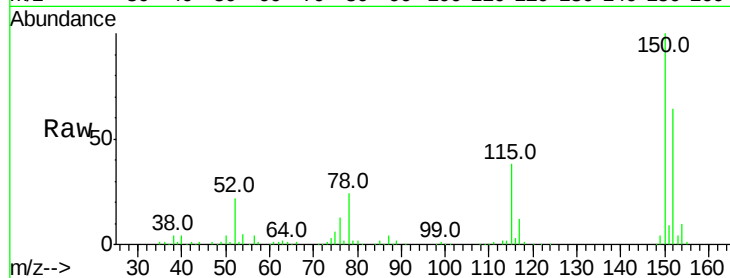


#1

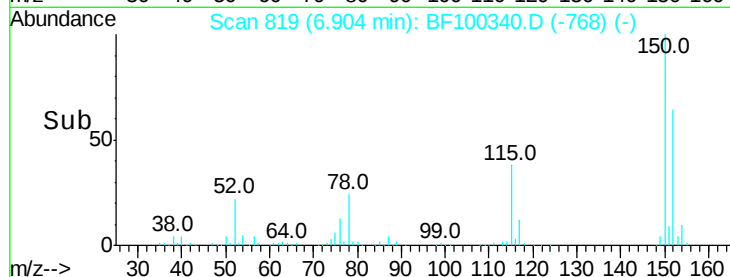
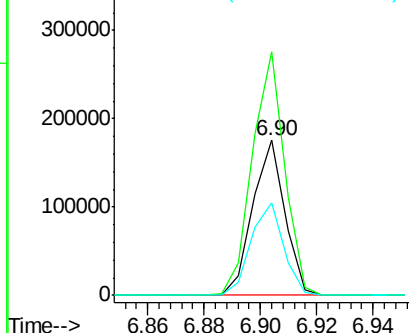
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100340.D
Acq: 9 Nov 2017 14:23

Instrument :
BNA_F
ClientSampleId :
PB103993BL

Tot Ion:152 Resp: 138946
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.6 50.1 75.1



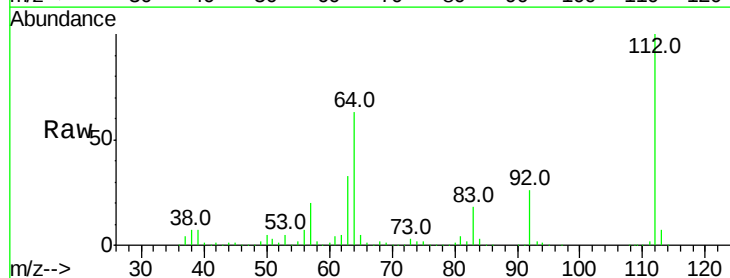
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



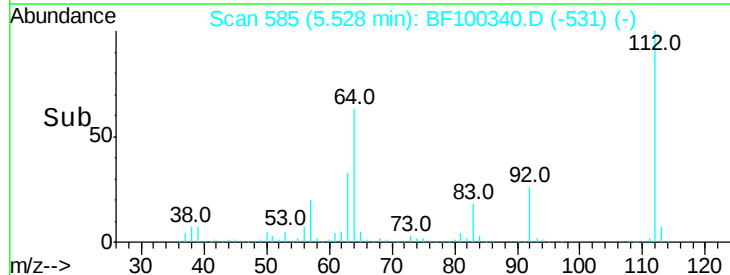
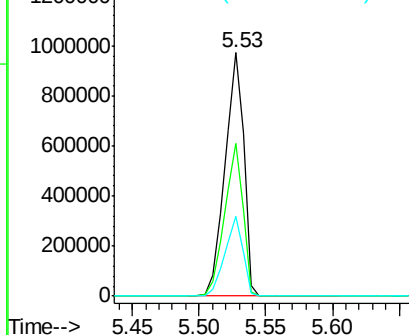
#5

2-Fluorophenol
Concen: 112.094 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100340.D
Acq: 9 Nov 2017 14:23

Tgt Ion:112 Resp: 971622
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 32.6 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: 107.441 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100340.D

Acq: 9 Nov 2017 14:23

Instrument :

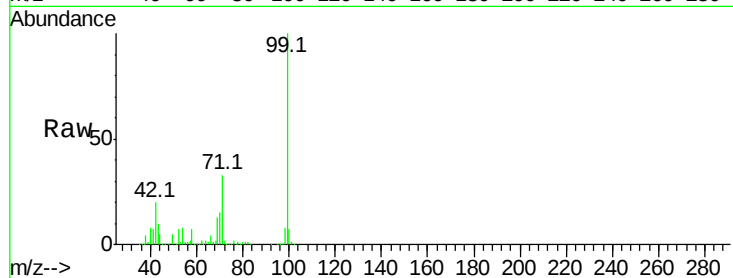
BNA_F

ClientSampleId :

PB103993BL

Tot Ion: 99 Resp: 1148407

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.8	25.4	38.0

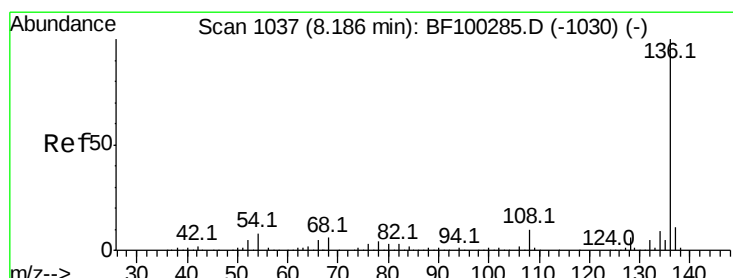
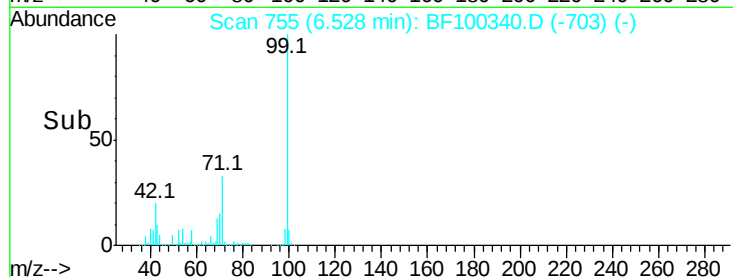
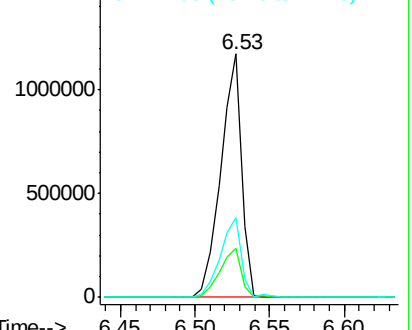


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

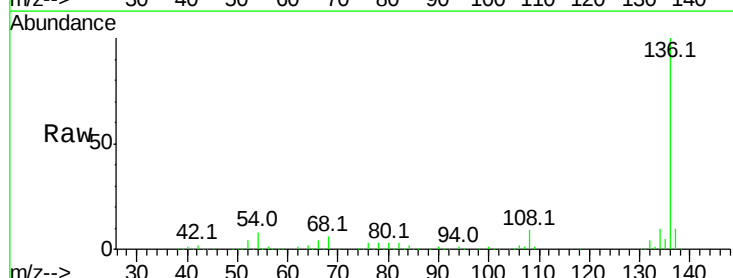
Delta R.T. -0.00 min

Lab File: BF100340.D

Acq: 9 Nov 2017 14:23

Tgt Ion: 136 Resp: 522261

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.9	6.6	9.8
68	5.7	5.0	7.4



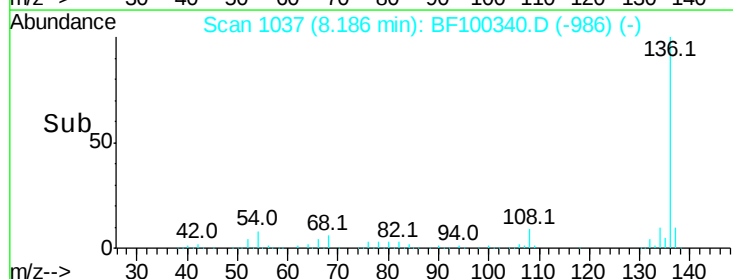
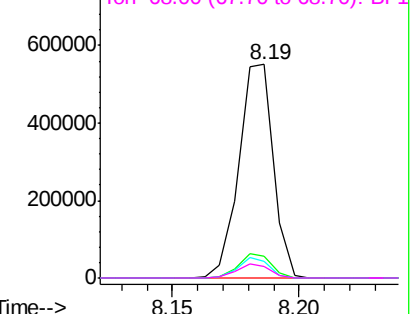
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

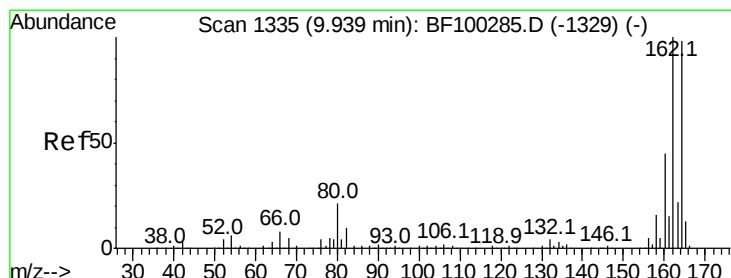
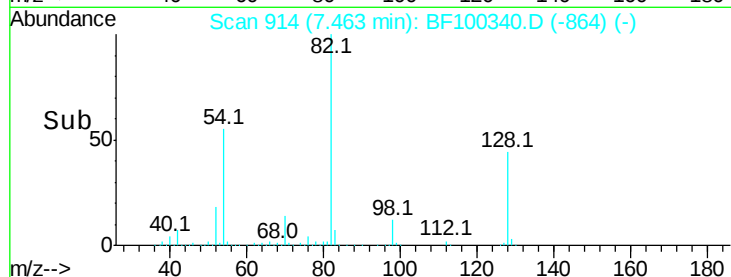
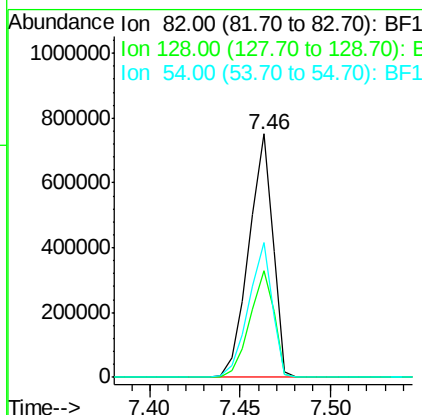
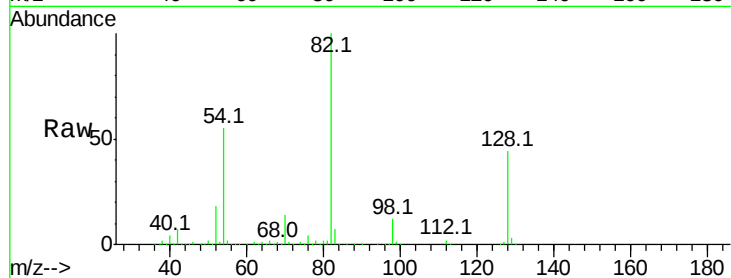




#23
 Nitrobenzene-d5
 Concen: 87.554 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100340.D
 Acq: 9 Nov 2017 14:23

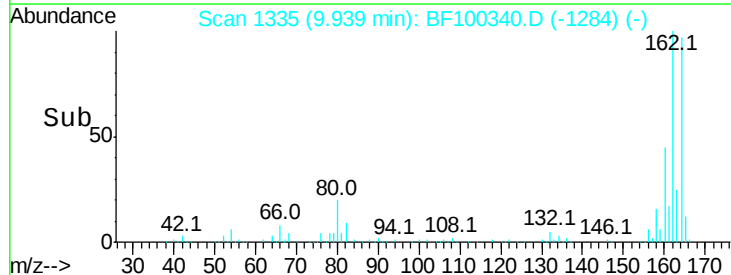
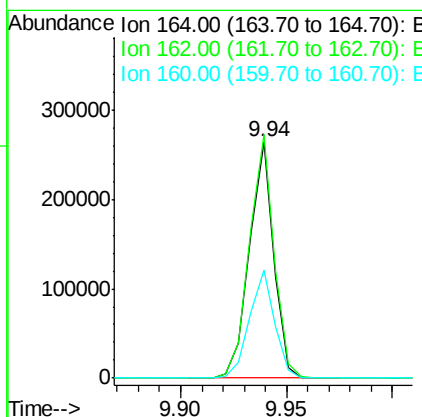
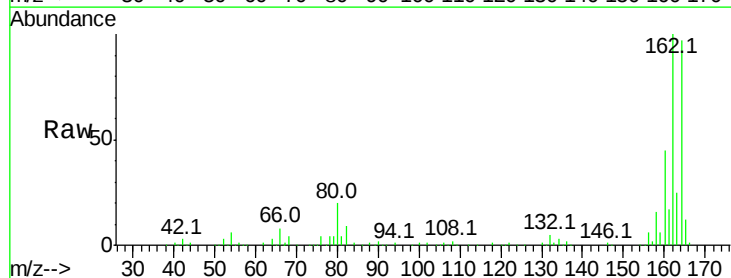
Instrument :
 BNA_F
 ClientSampleId :
 PB103993BL

Tot Ion	82	Resp	691631
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.1	54.1
54	55.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF100340.D
 Acq: 9 Nov 2017 14:23

Tgt Ion	164	Resp	211189
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	45.9	38.3	57.5

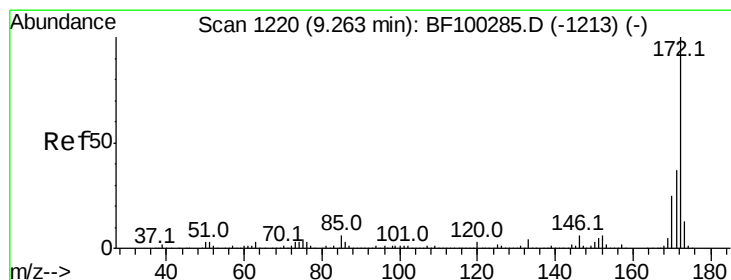
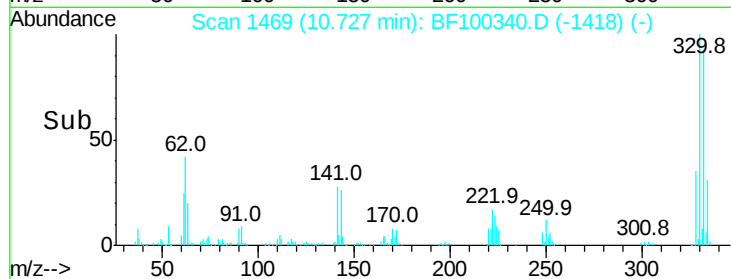
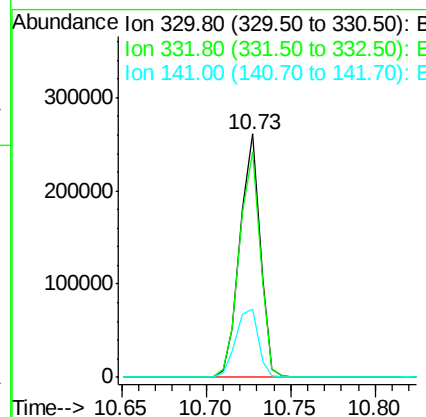
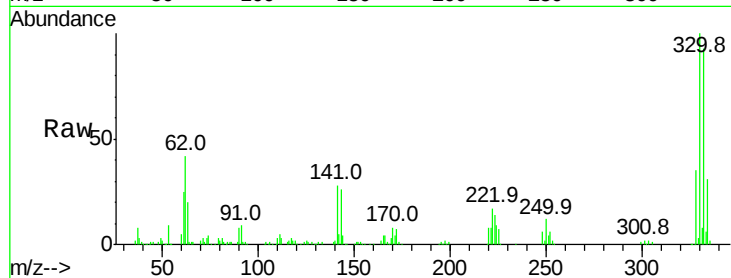




#41
 2,4,6-Tribromophenol
 Concen: 101.936 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100340.D
 Acq: 9 Nov 2017 14:23

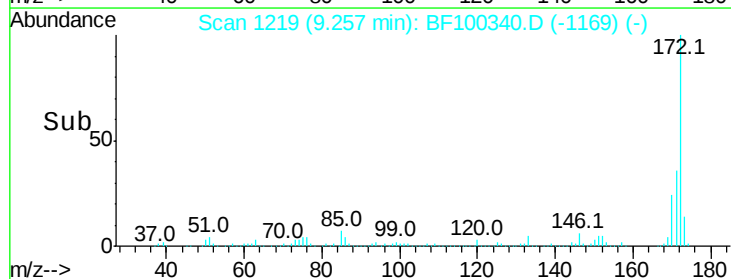
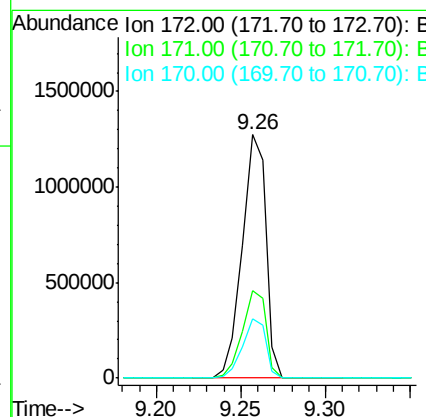
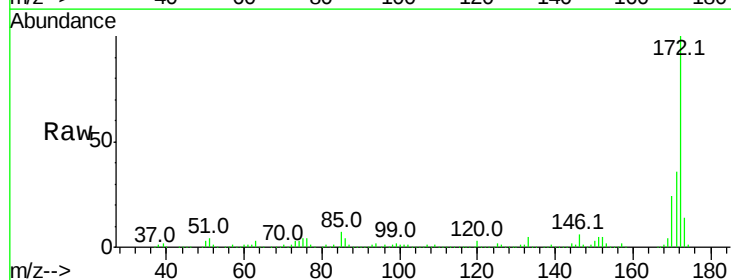
Instrument :
 BNA_F
 ClientSampleId :
 PB103993BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.017 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100340.D
 Acq: 9 Nov 2017 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

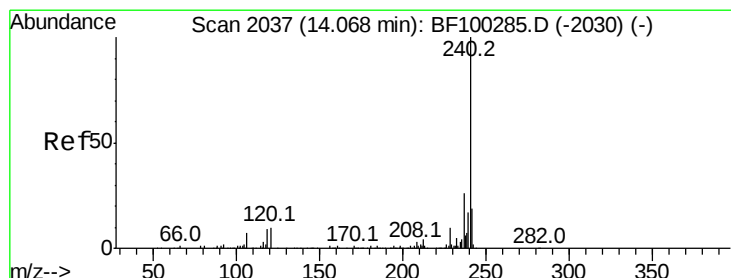
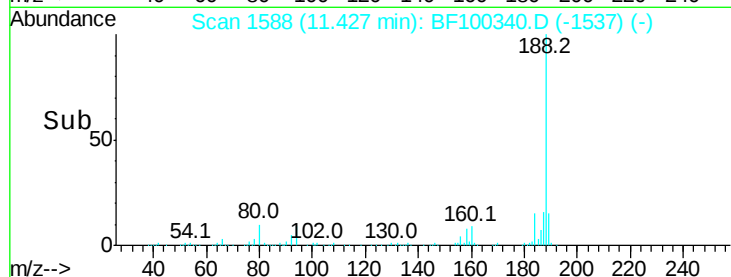
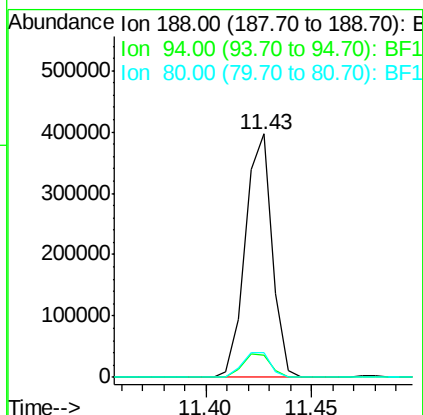
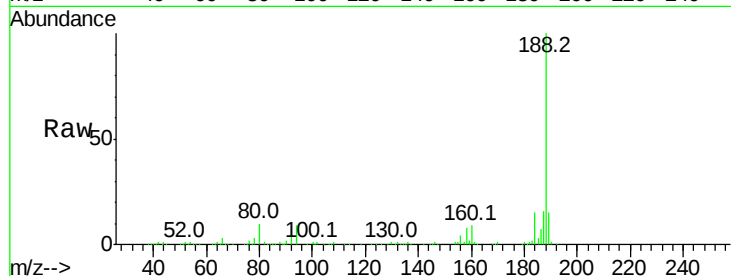




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100340.D
Acq: 9 Nov 2017 14:23

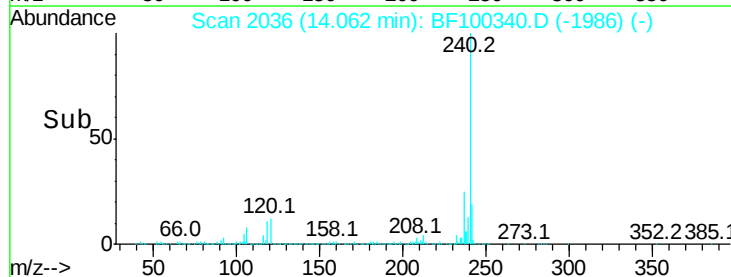
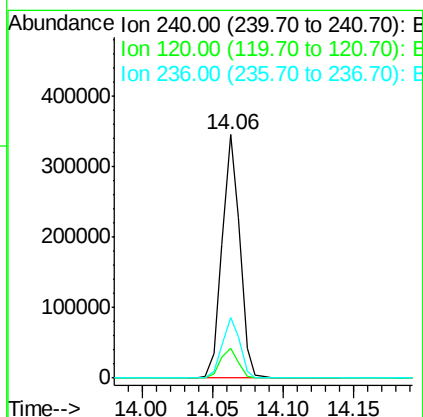
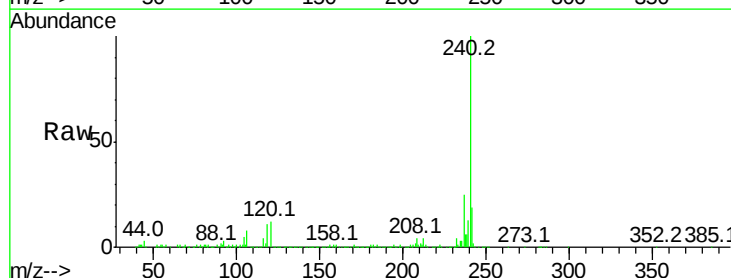
Instrument :
BNA_F
ClientSampleID :
PB103993BL

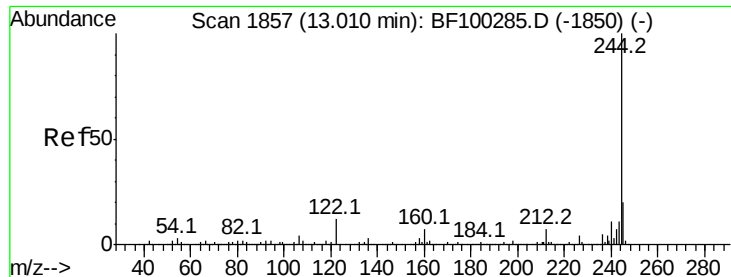
Tot Ion:188 Resp: 350874
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100340.D
Acq: 9 Nov 2017 14:23

Tgt Ion:240 Resp: 302748
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 74.417 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100340.D

Acq: 9 Nov 2017 14:23

Instrument :

BNA_F

ClientSampleId :

PB103993BL

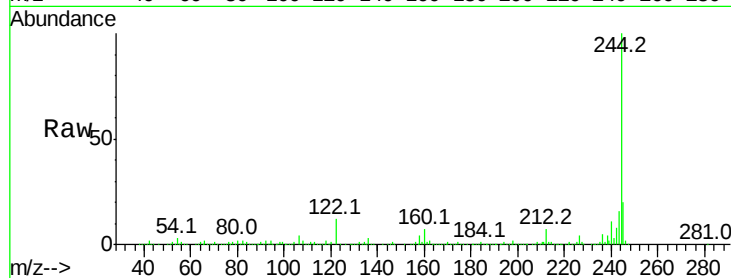
Tot Ion:244 Resp: 980520

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

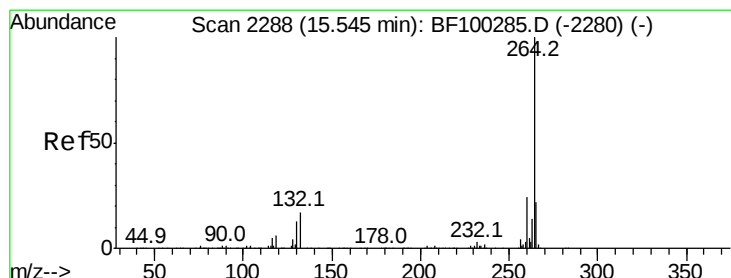
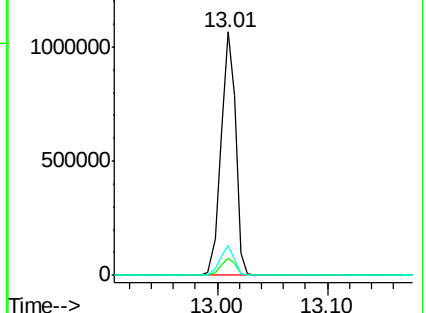
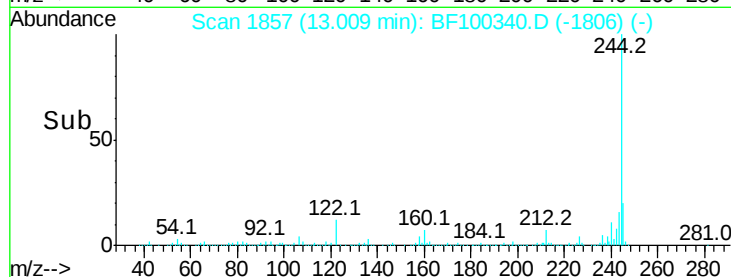
122 12.2 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100340.D

Acq: 9 Nov 2017 14:23

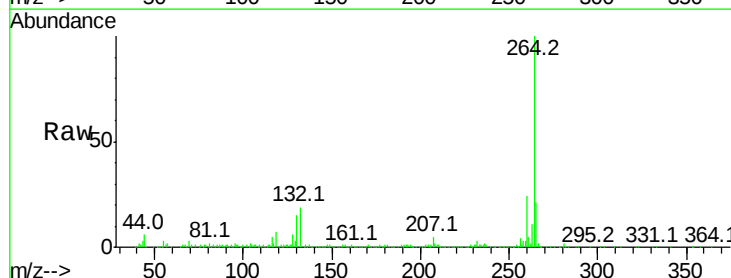
Tgt Ion:264 Resp: 213752

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.8 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

