

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100333.D
 Acq On : 9 Nov 2017 11:14
 Operator : SJ/JU
 Sample : I6285-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-S005-0001-01

Quant Time: Nov 09 16:13:21 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

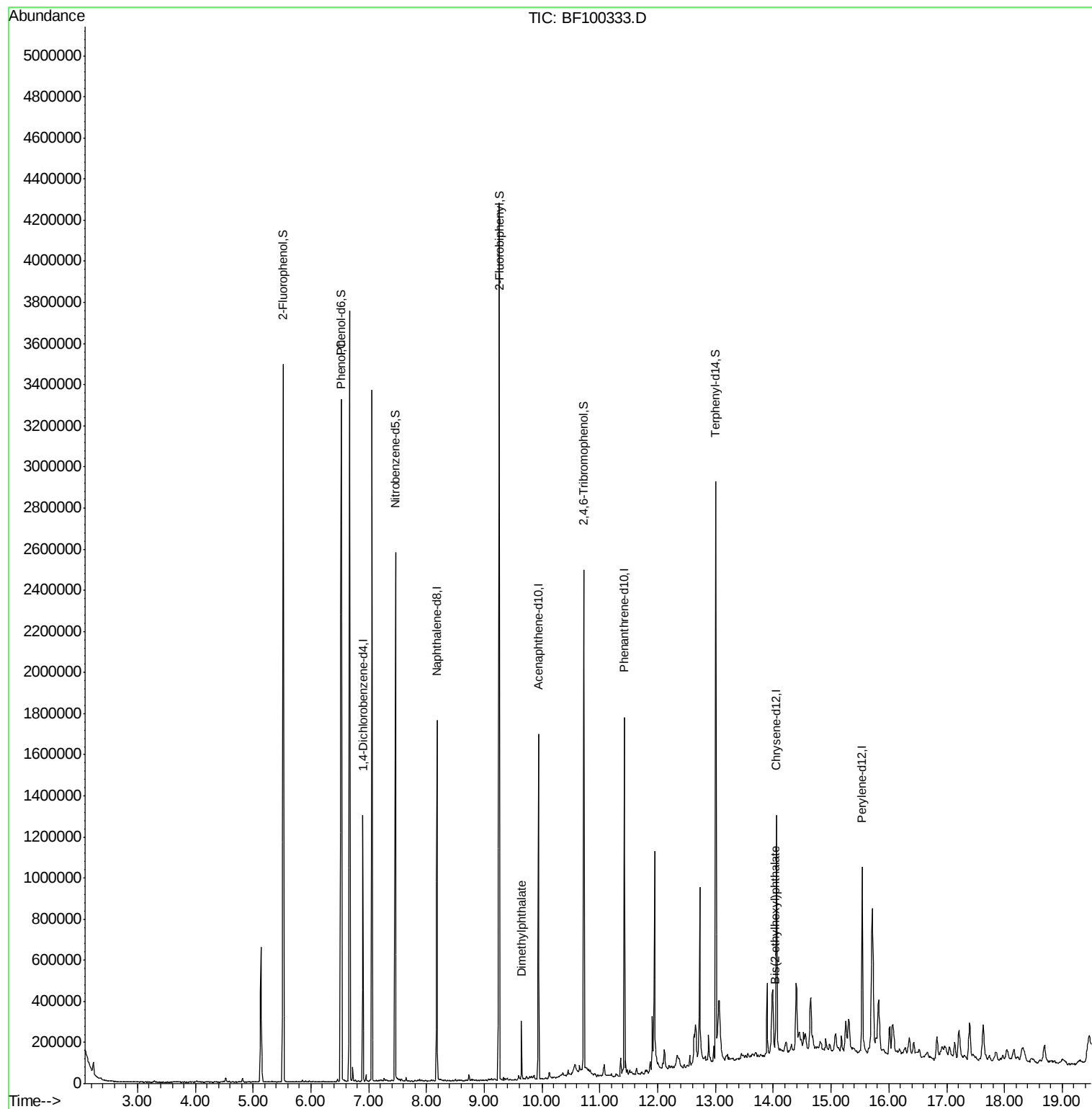
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187655	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	738025	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	334867	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	590080	20.00	ng	0.00
75) Chrysene-d12	14.06	240	359205	20.00	ng	-0.01
86) Perylene-d12	15.54	264	418599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1086523	92.81	ng	0.01
7) Phenol-d6	6.52	99	1313266	90.97	ng	0.00
23) Nitrobenzene-d5	7.46	82	837234	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	305287	89.47	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1324004	60.21	ng	0.00
78) Terphenyl-d14	13.00	244	952804	60.95	ng	0.00
Target Compounds						
10) Phenol	6.53	94	64093	4.229	ng	97
49) Dimethylphthalate	9.65	163	97482	3.813	ng	# 98
83) Bis(2-ethylhexyl)phthalate	14.03	149	27990	2.038	ng	96

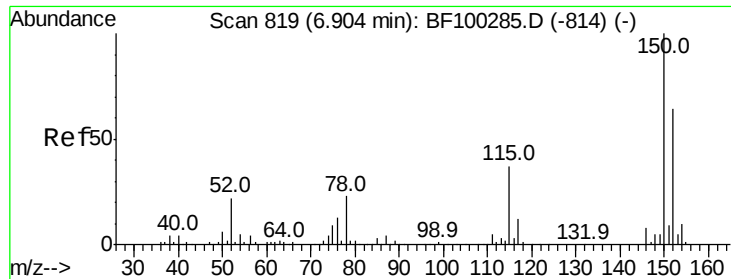
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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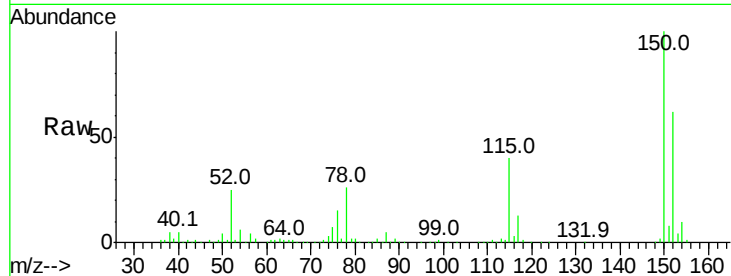


#1

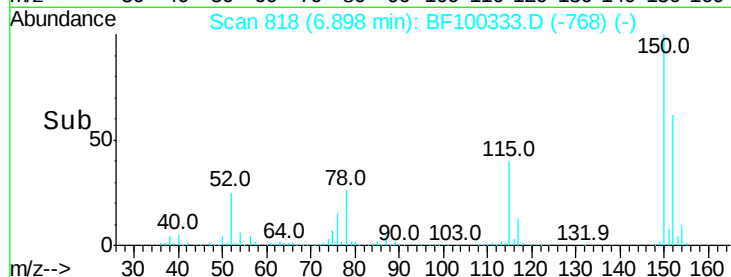
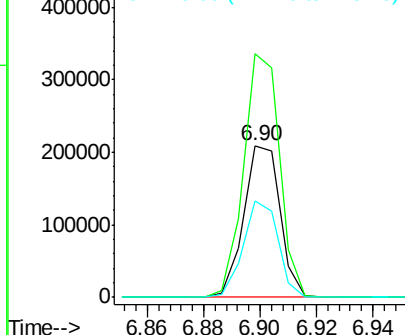
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
P002-S005-0001-01

Tot Ion:152 Resp: 187655
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 63.3 50.1 75.1



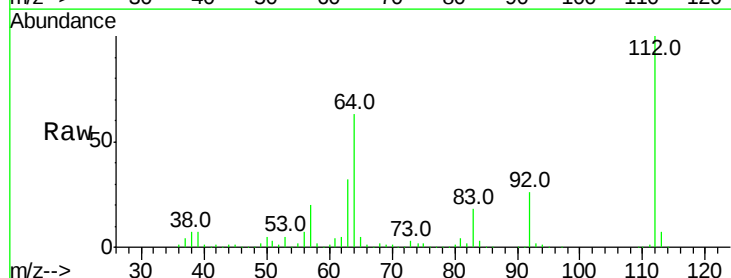
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



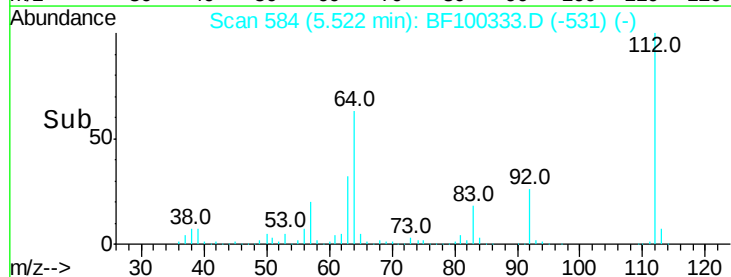
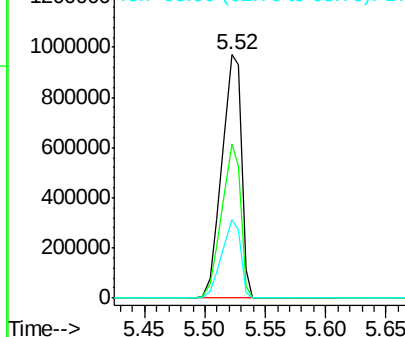
#5

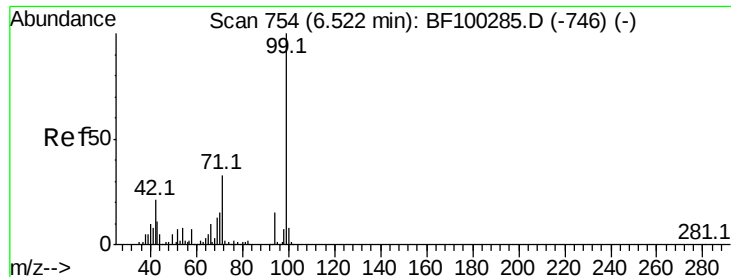
2-Fluorophenol
Concen: 92.813 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion:112 Resp: 1086523
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.3 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: 90.973 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Instrument :

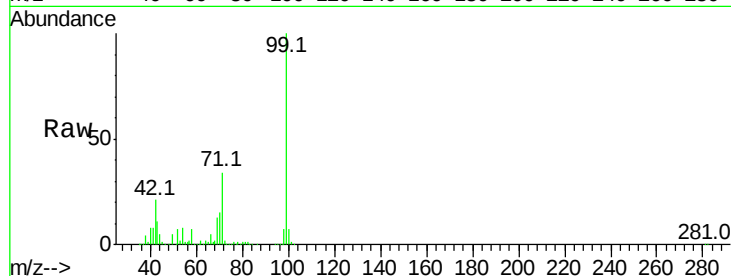
BNA_F

ClientSampleId :

P002-S005-0001-01

Tot Ion: 99 Resp: 1313266

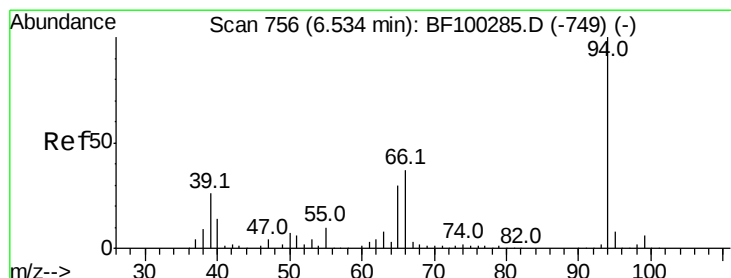
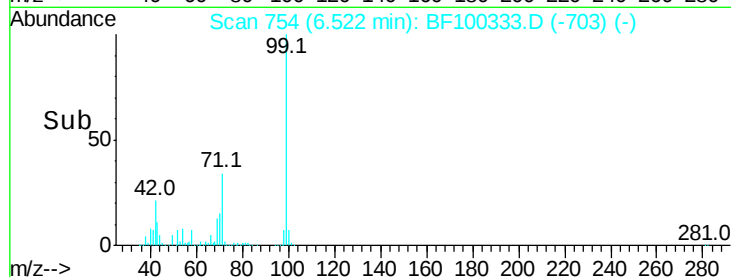
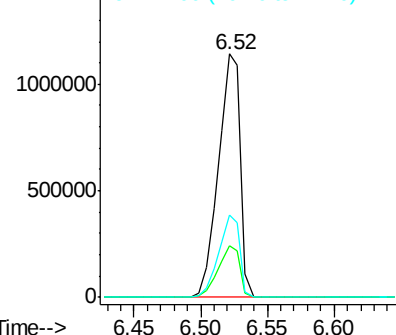
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.8	25.4	38.0



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



#10

Phenol

Concen: 4.229 ng

RT: 6.53 min Scan# 756

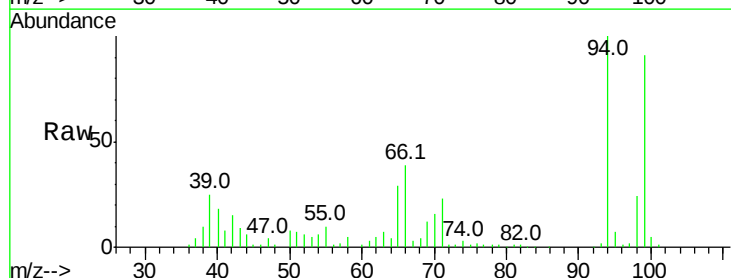
Delta R.T. -0.01 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Tgt Ion: 94 Resp: 64093

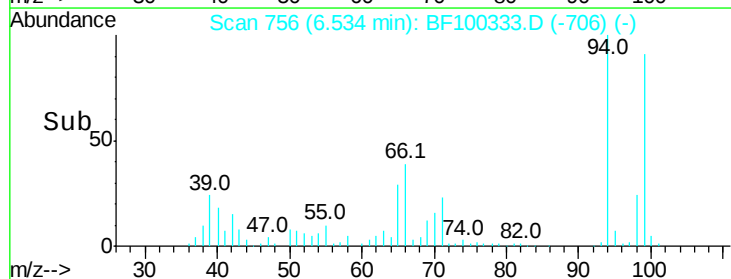
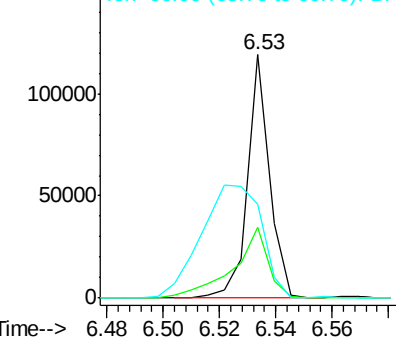
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	38.7	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

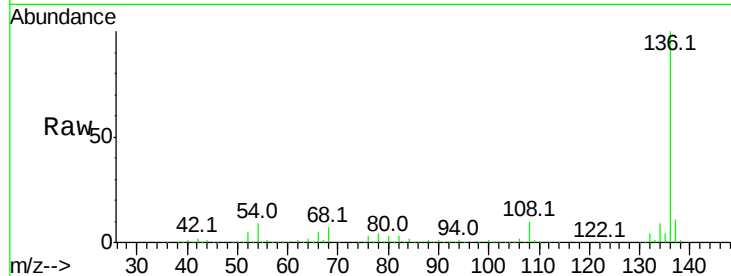




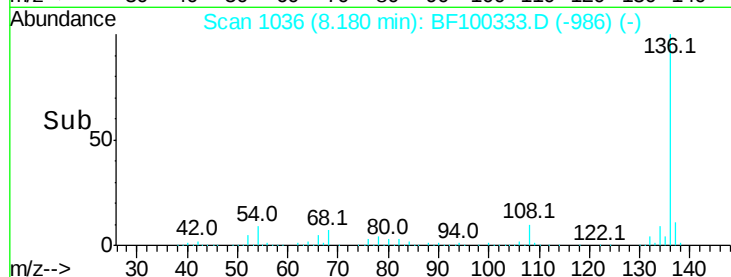
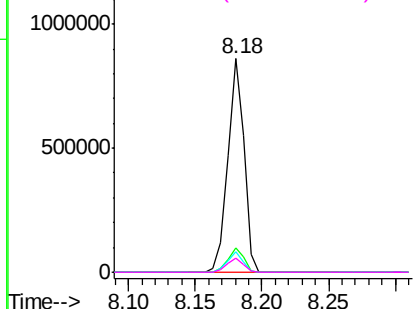
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
P002-S005-0001-01

Tot Ion:	136	Resp:	738025
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	6.8	5.0	7.4

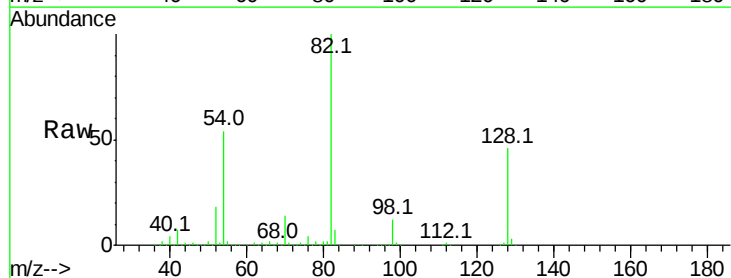


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

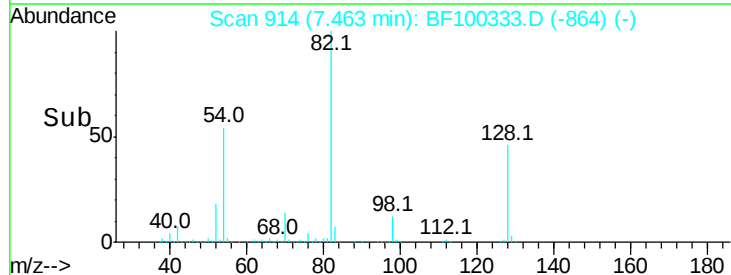
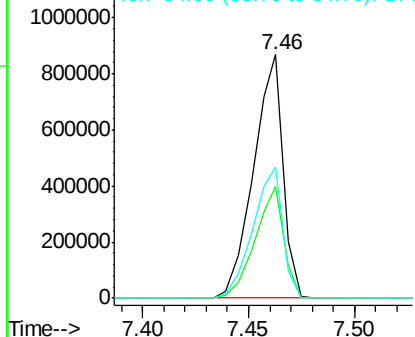


#23
Nitrobenzene-d5
Concen: 75.001 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion:	82	Resp:	837234
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.9	41.4	62.2



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

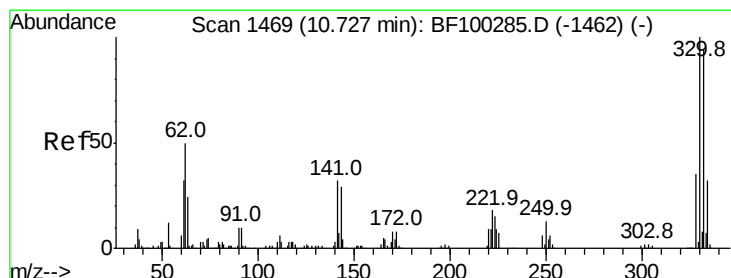
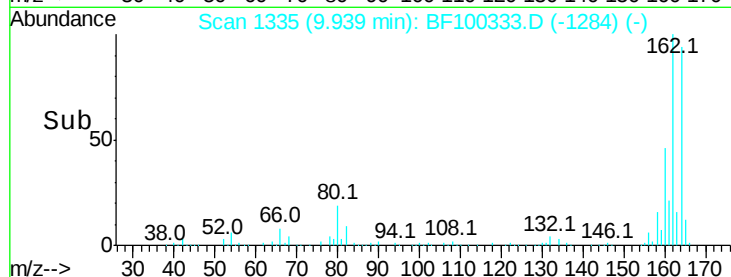
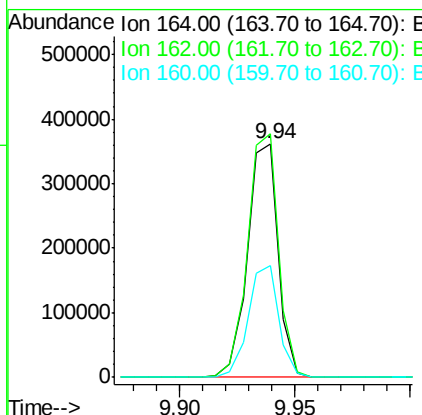
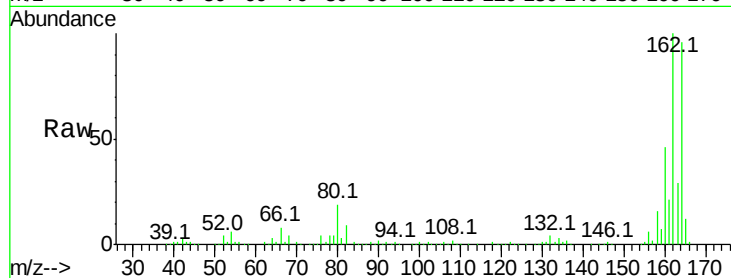




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

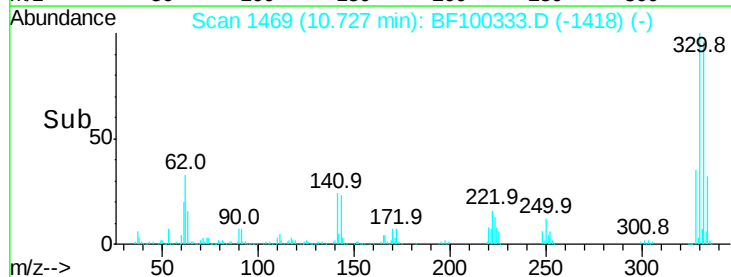
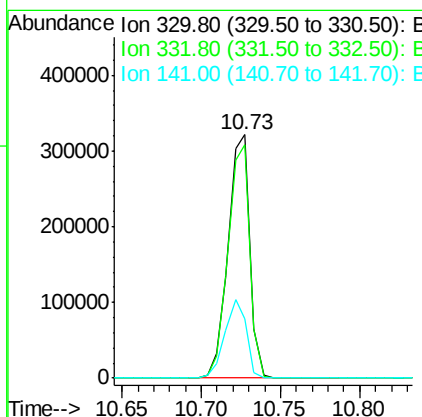
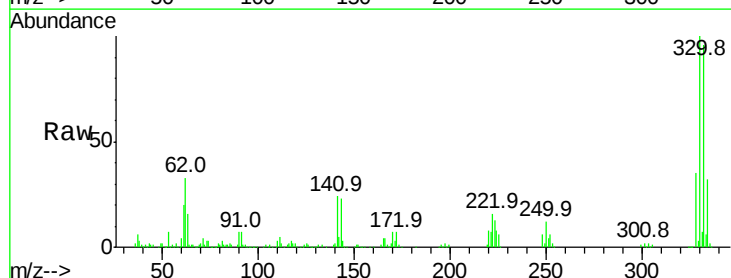
Instrument :
BNA_F
ClientSampleId :
P002-S005-0001-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.8	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 89.467 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.0	29.9	44.9



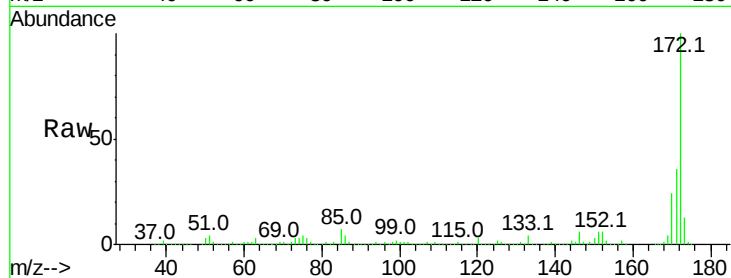


#44
 2-Fluorobiphenyl
 Concen: 60.205 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

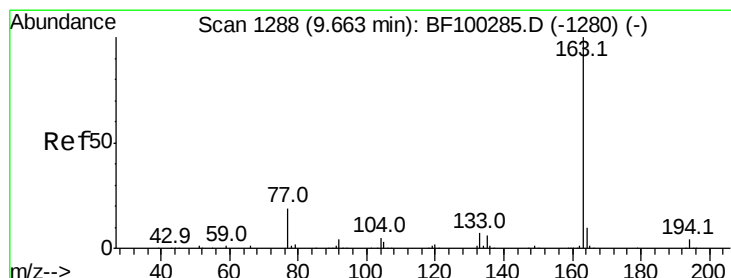
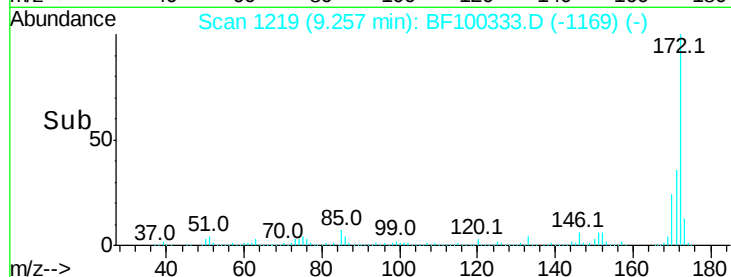
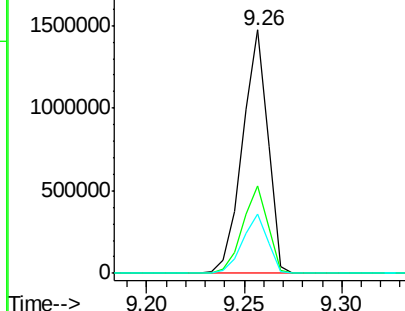
Instrument :
 BNA_F
 ClientSampleId :
 P002-S005-0001-01

Tot Ion:172 Resp: 1324004

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4



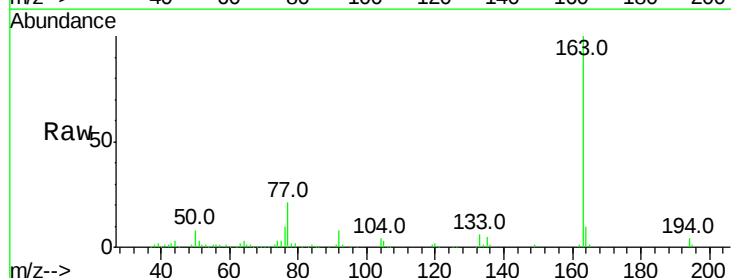
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



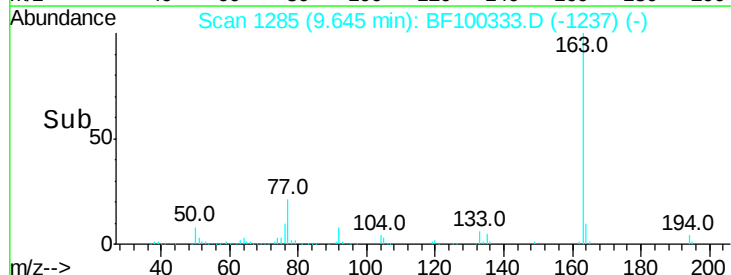
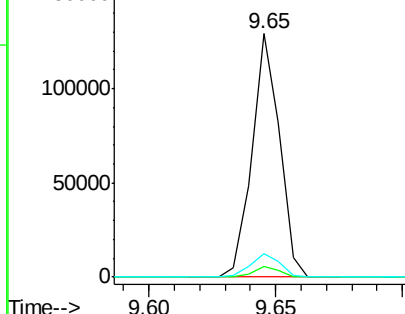
#49
 Dimethylphthalate
 Concen: 3.813 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Tgt Ion:163 Resp: 97482

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.6	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Instrument :

BNA_F

ClientSampleId :

P002-S005-0001-01

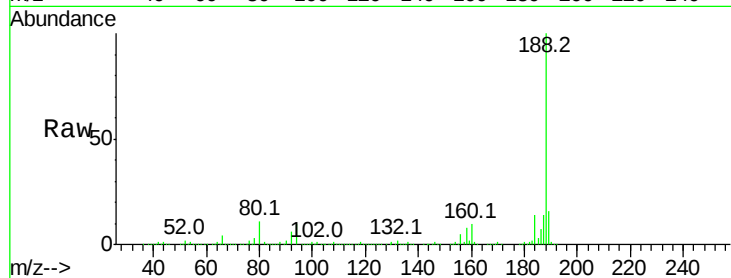
Tot Ion:188 Resp: 590080

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

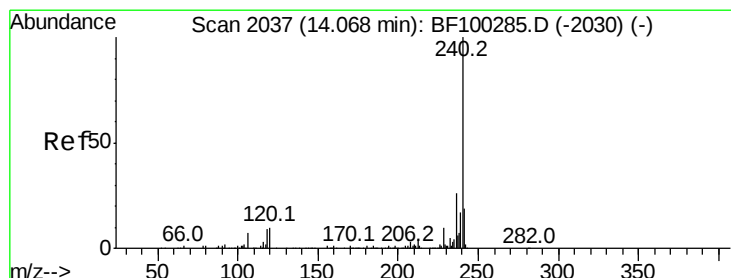
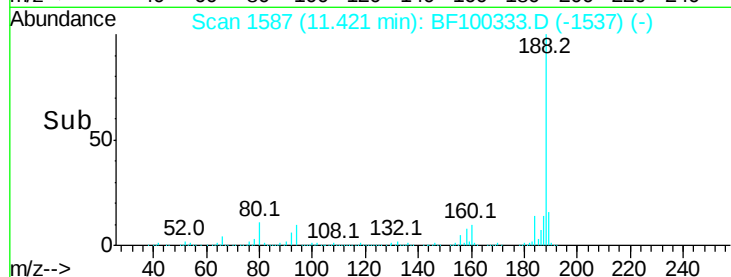
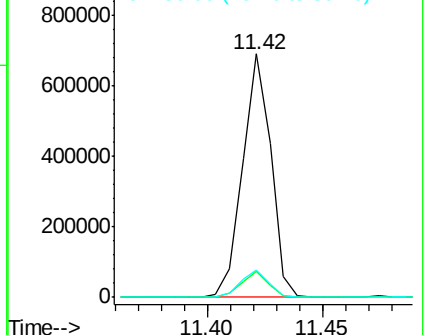
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

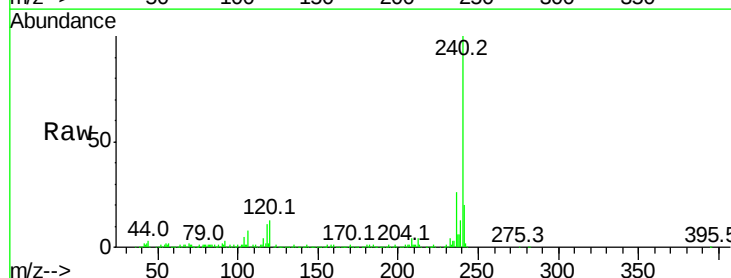
Tgt Ion:240 Resp: 359205

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

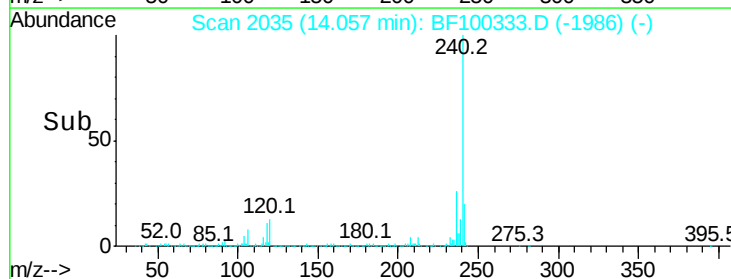
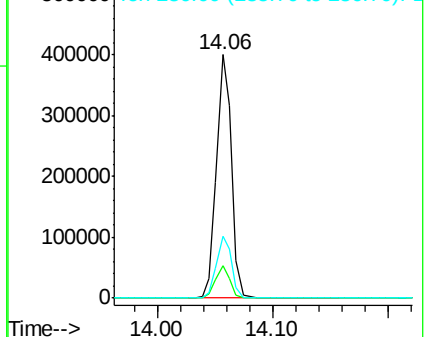
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.948 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Instrument :

BNA_F

ClientSampleId :

P002-S005-0001-01

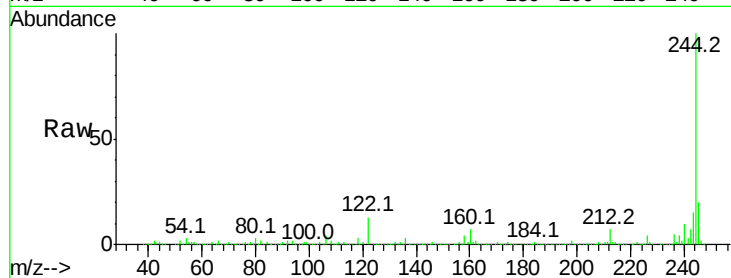
Tot Ion:244 Resp: 952804

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

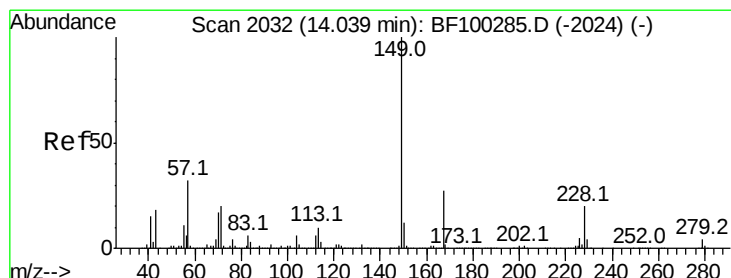
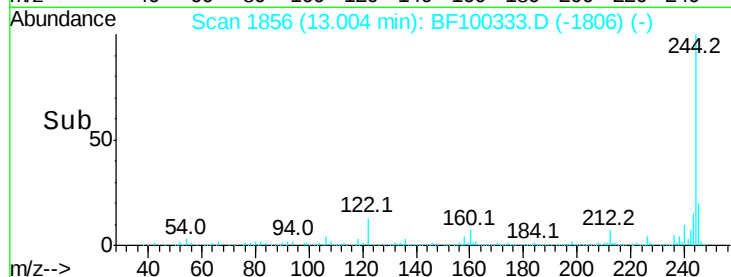
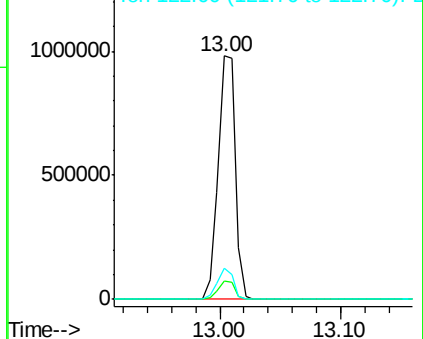
122 12.7 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.038 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

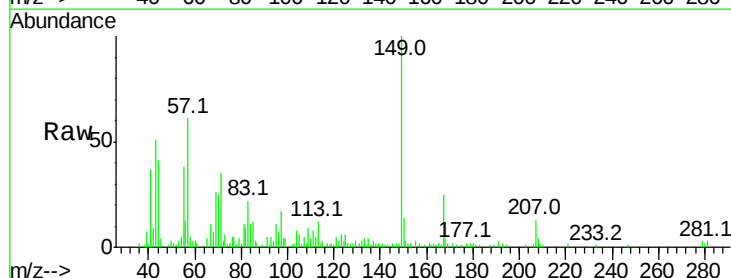
Tgt Ion:149 Resp: 27990

Ion Ratio Lower Upper

149 100

167 24.6 21.3 31.9

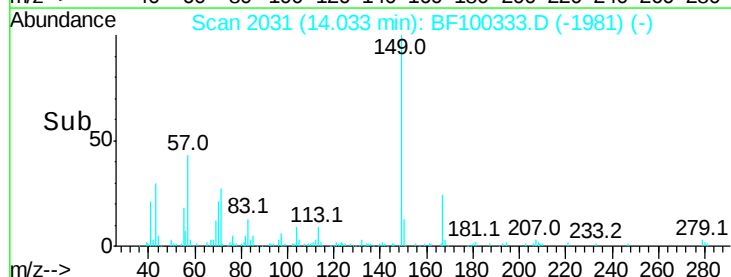
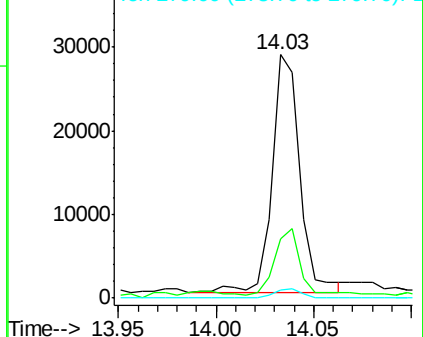
279 3.1 3.0 4.4

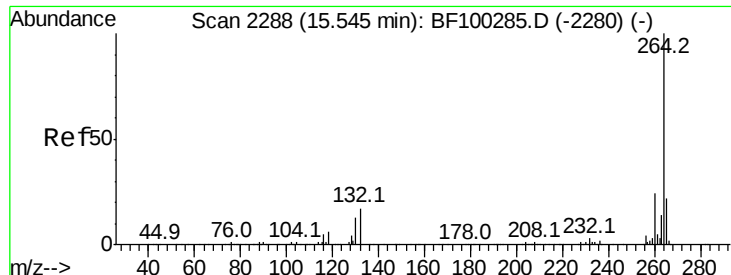


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :
P002-S005-0001-01

Tot Ion:264 Resp: 418599

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

