

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100389.D
 Acq On : 10 Nov 2017 14:27
 Operator : SJ/JU
 Sample : I6382-22 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5-6

Quant Time: Nov 10 16:09:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

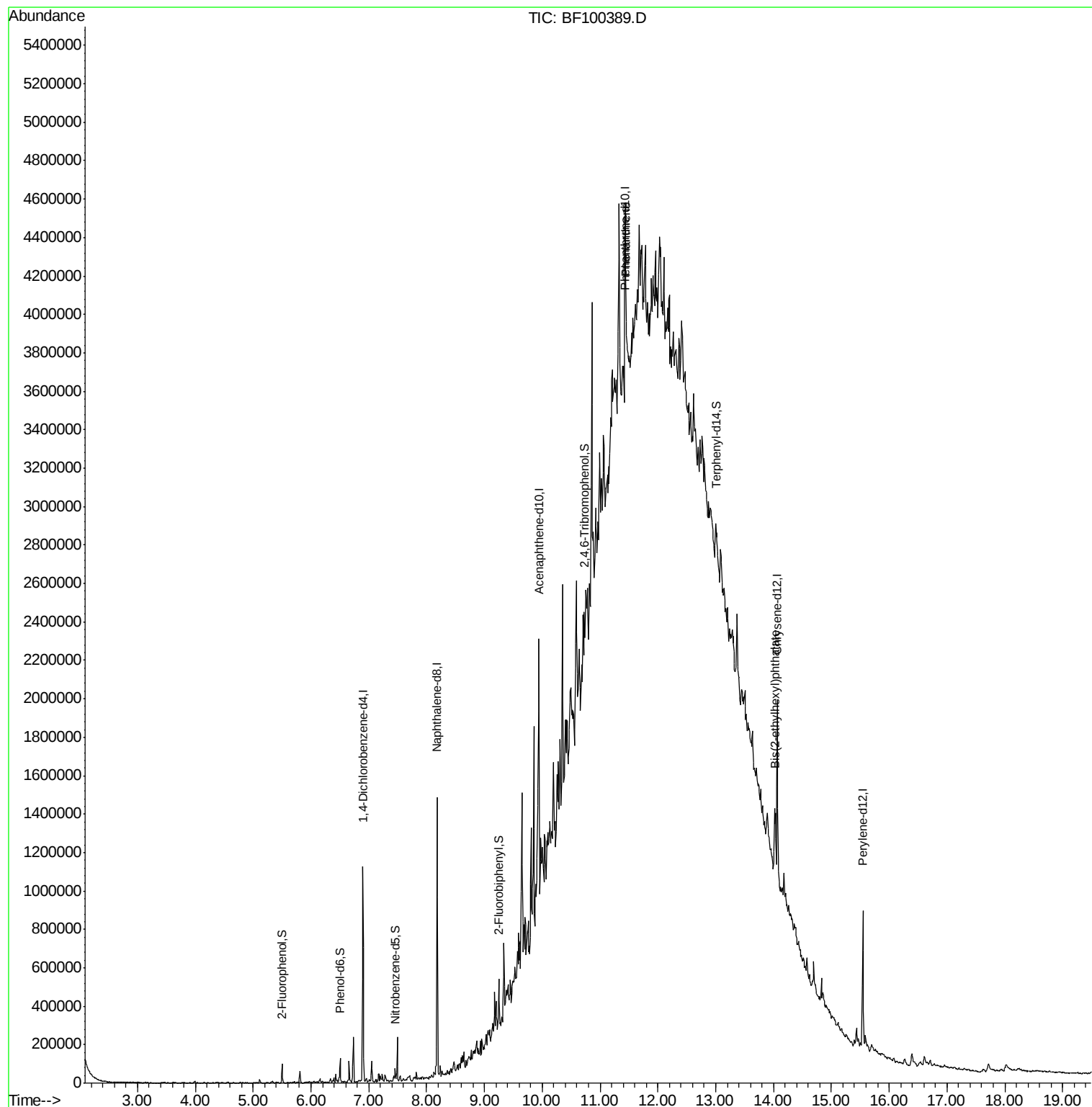
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149087	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	585259	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	252594	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	364251	20.00	ng	0.00
75) Chrysene-d12	14.07	240	323533	20.00	ng	0.00
86) Perylene-d12	15.54	264	335674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	25047	2.69	ng	-0.02
7) Phenol-d6	6.50	99	32469	2.83	ng	-0.02
23) Nitrobenzene-d5	7.45	82	18902	2.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	7550	2.93	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	42666	2.57	ng	-0.01
78) Terphenyl-d14	13.02	244	30884	2.19	ng	0.00
Target Compounds						
70) Phenanthrene	11.46	178	39160	2.042	ng	# 67
83) Bis(2-ethylhexyl)phthalate	14.03	149	202550	16.374	ng	# 95

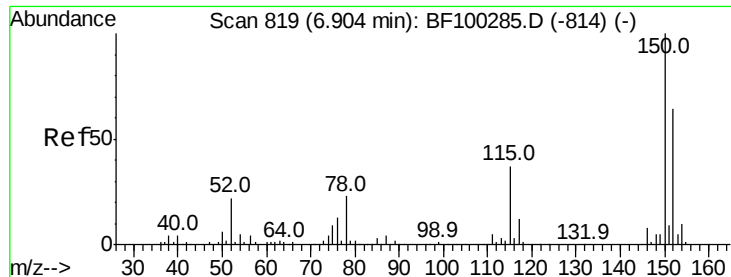
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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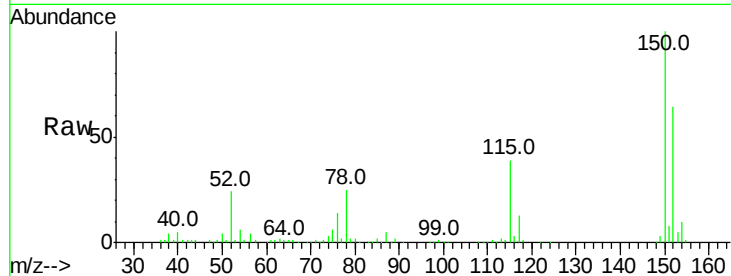


#1

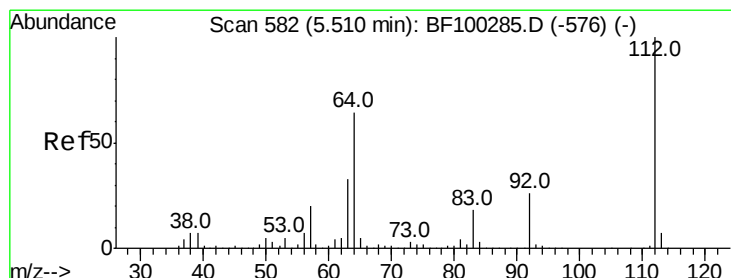
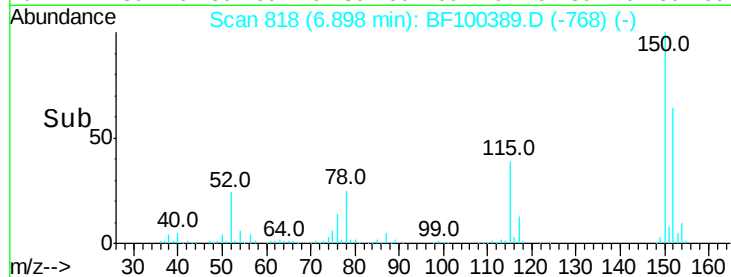
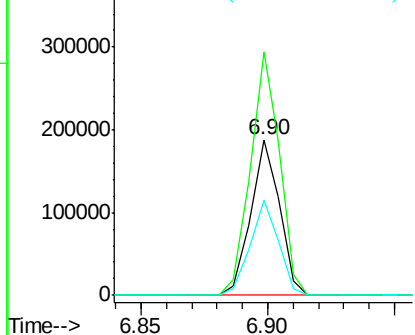
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampleId :
DRUM-5-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	61.0	50.1	75.1



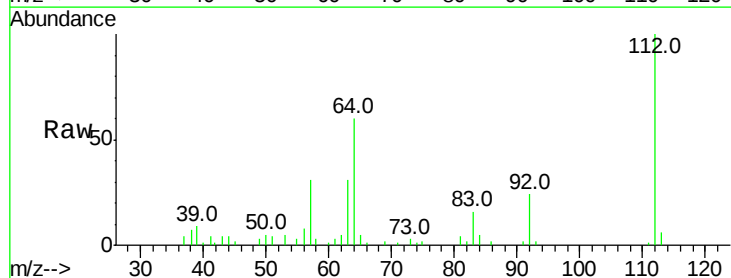
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



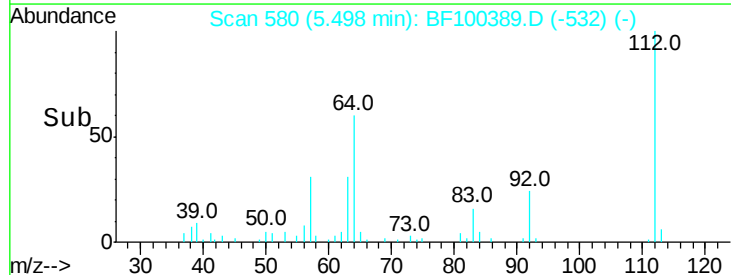
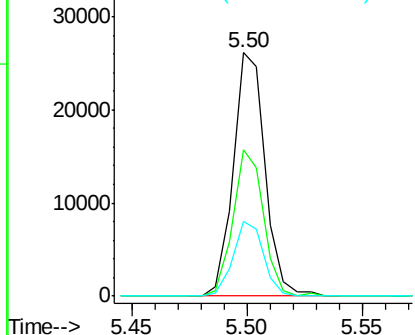
#5

2-Fluorophenol
Concen: 2.693 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.9	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: 2.831 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100389.D

Acq: 10 Nov 2017 14:27

Instrument :

BNA_F

ClientSampled :

DRUM-5-6

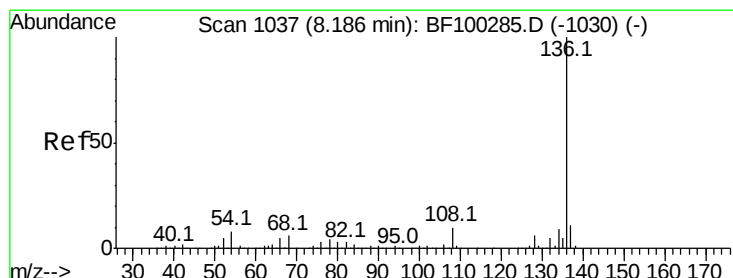
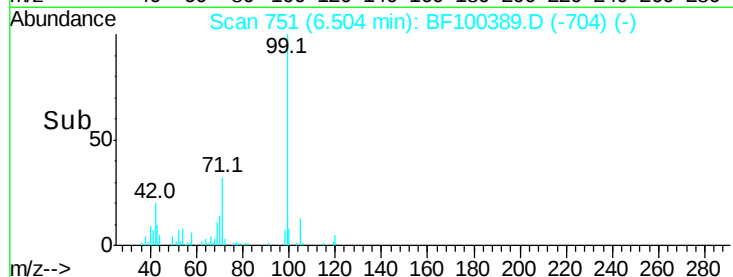
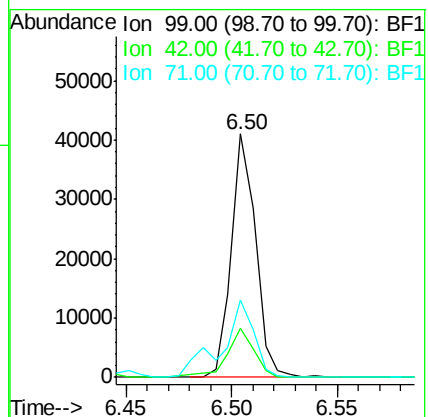
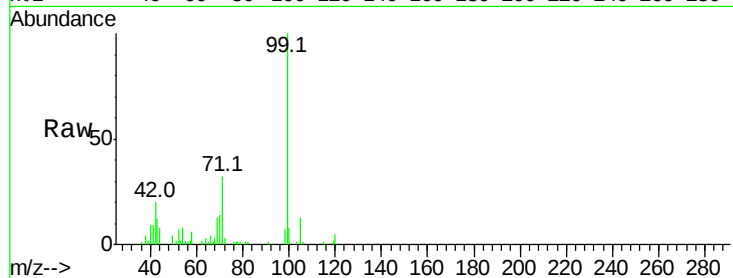
Tot Ion: 99 Resp: 32469

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 31.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100389.D

Acq: 10 Nov 2017 14:27

Tgt Ion: 136 Resp: 585259

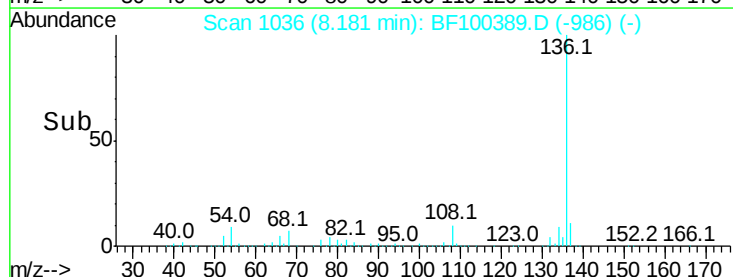
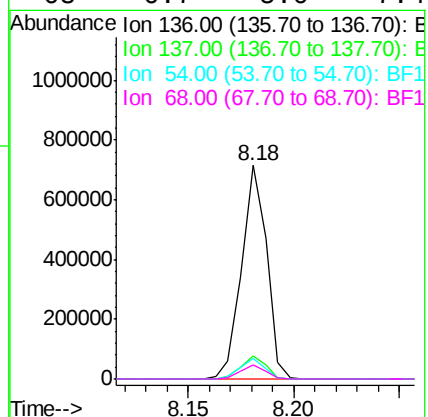
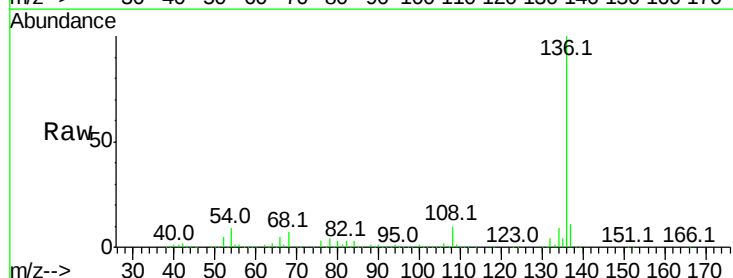
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

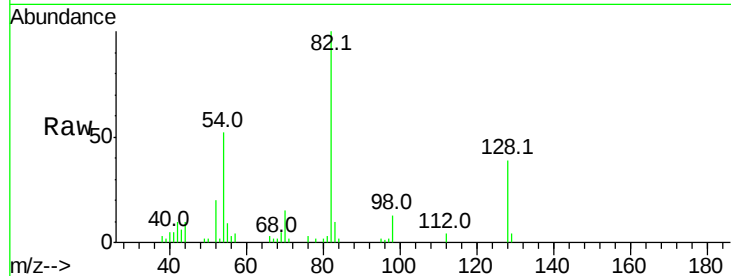




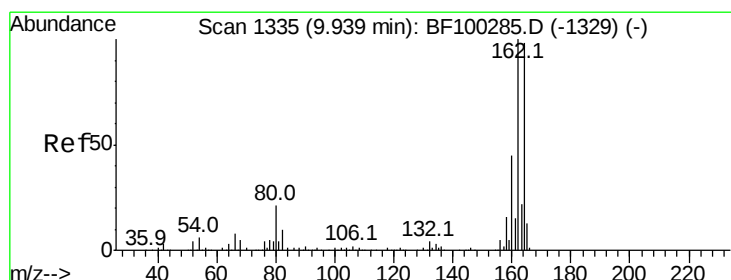
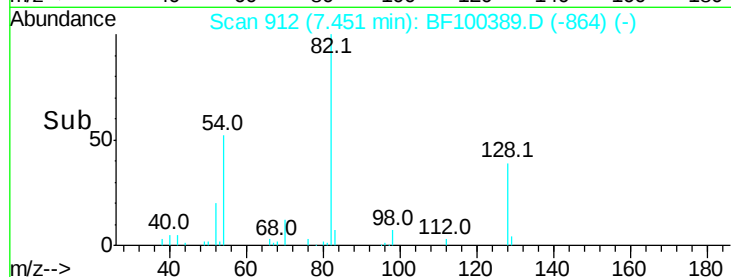
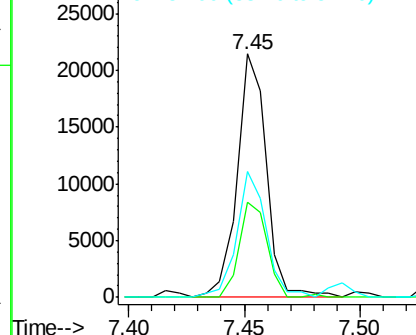
#23
Nitrobenzene-d5
Concen: 2.135 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Instrument :
BNA_F
ClientSampled :
DRUM-5-6

Tot Ion: 82 Resp: 18902
Ion Ratio Lower Upper
82 100
128 39.3 36.1 54.1
54 51.9 41.4 62.2

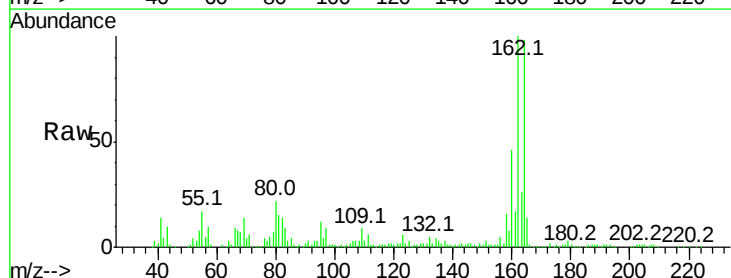


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

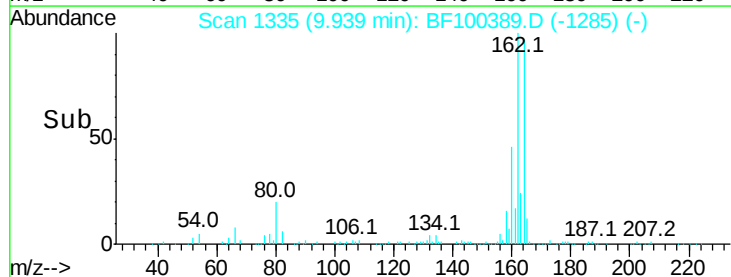
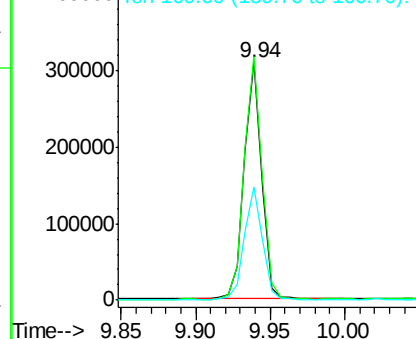


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100389.D
Acq: 10 Nov 2017 14:27

Tgt Ion:164 Resp: 252594
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

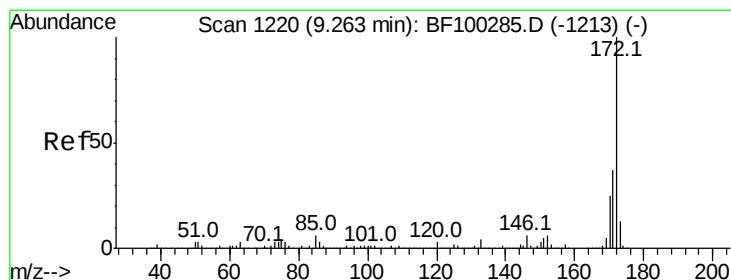
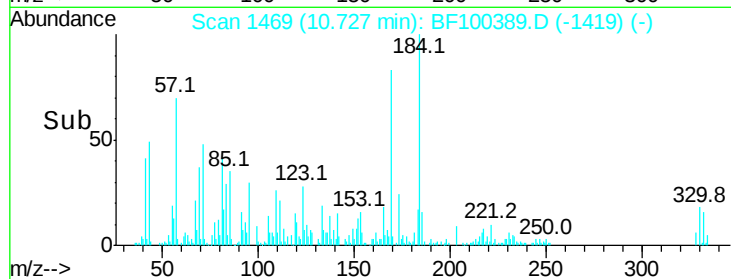
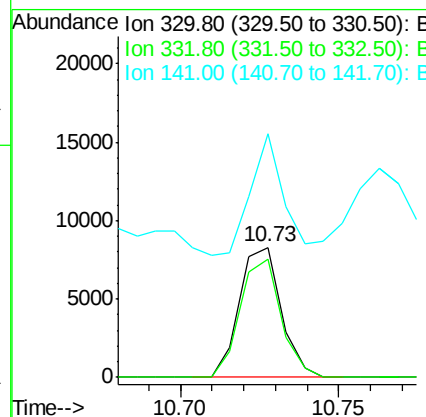
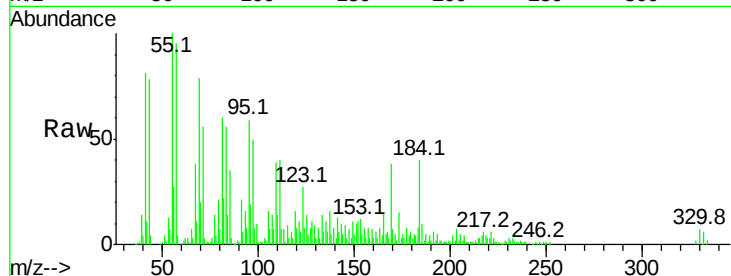




#41
 2,4,6-Tribromophenol
 Concen: 2.933 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100389.D
 Acq: 10 Nov 2017 14:27

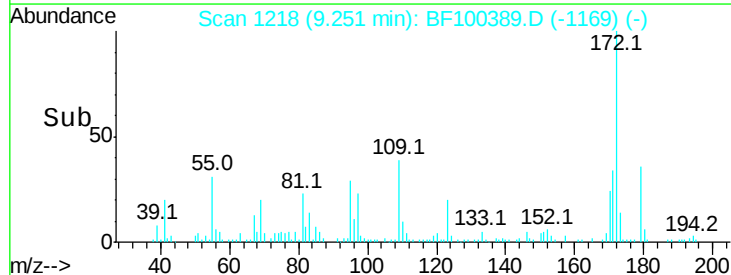
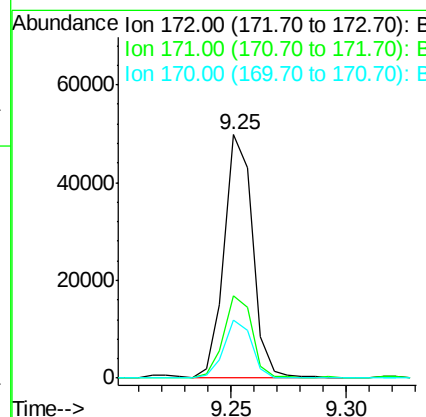
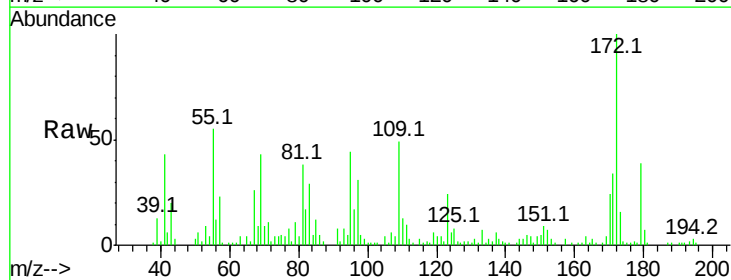
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5-6

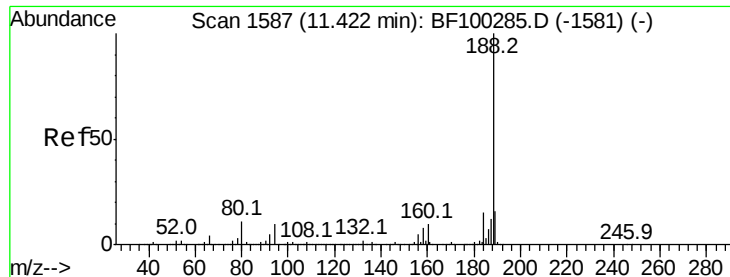
Tot Ion:330 Resp: 7550
 Ion Ratio Lower Upper
 330 100
 332 89.1 77.0 115.6
 141 72.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 2.572 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100389.D
 Acq: 10 Nov 2017 14:27

Tgt Ion:172 Resp: 42666
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.7 44.5
 170 24.0 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF100389.D

Acq: 10 Nov 2017 14:27

Instrument :

BNA_F

ClientSampleId :

DRUM-5-6

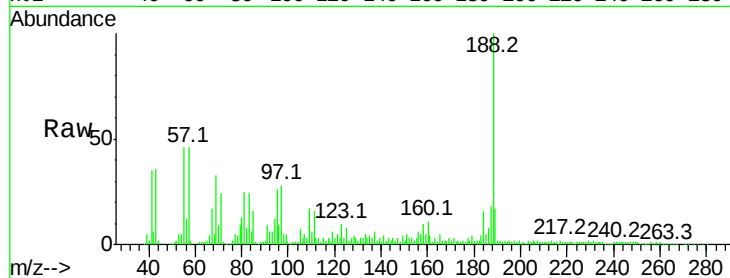
Tot Ion:188 Resp: 364251

Ion Ratio Lower Upper

188 100

94 12.3 8.5 12.7

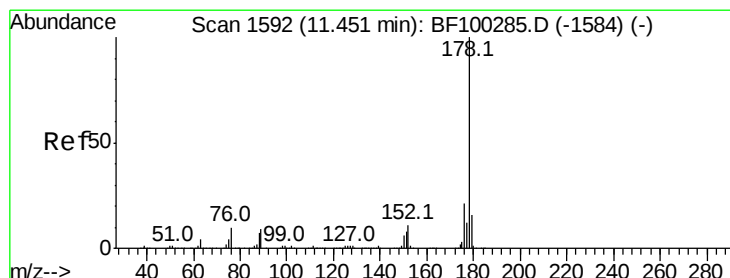
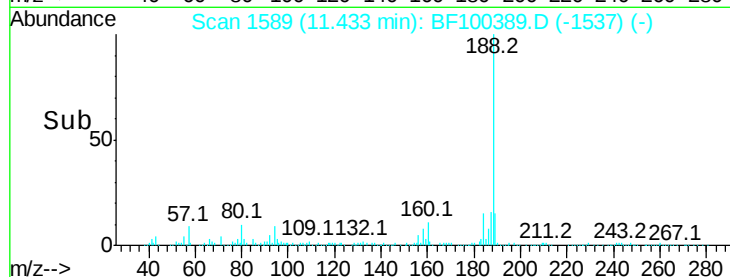
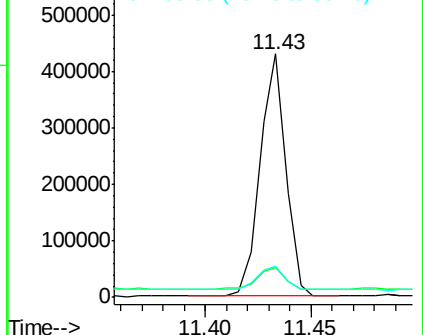
80 13.0 9.2 13.8



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



#70

Phenanthrene

Concen: 2.042 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF100389.D

Acq: 10 Nov 2017 14:27

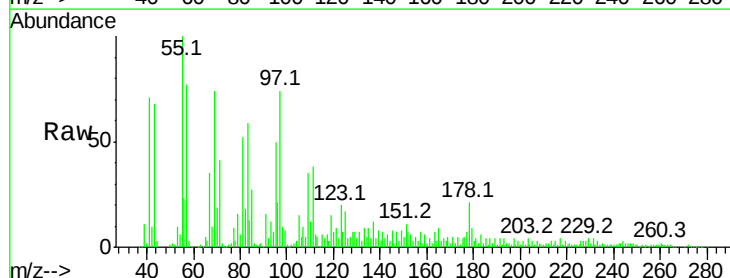
Tgt Ion:178 Resp: 39160

Ion Ratio Lower Upper

178 100

176 23.0 15.8 23.8

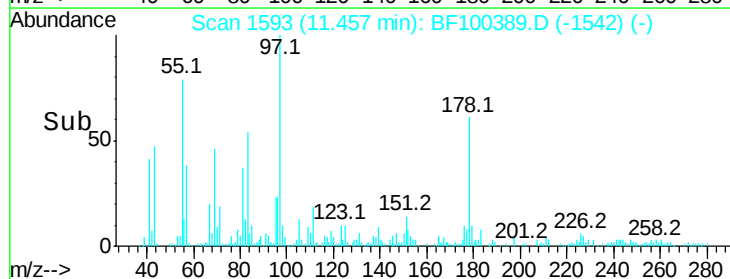
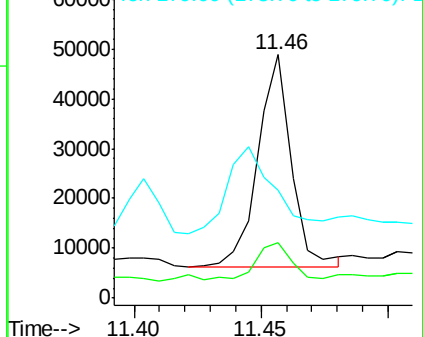
179 44.1 13.0 19.6#

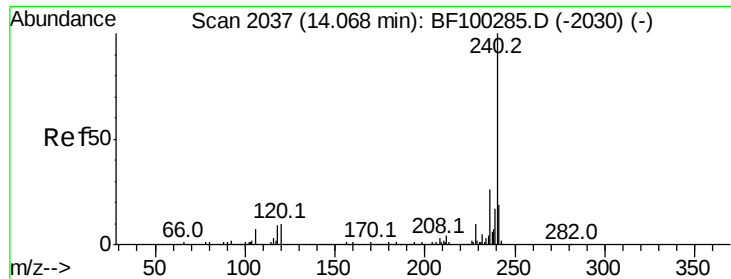


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100389.D

Acq: 10 Nov 2017 14:27

Instrument :

BNA_F

ClientSampleId :

DRUM-5-6

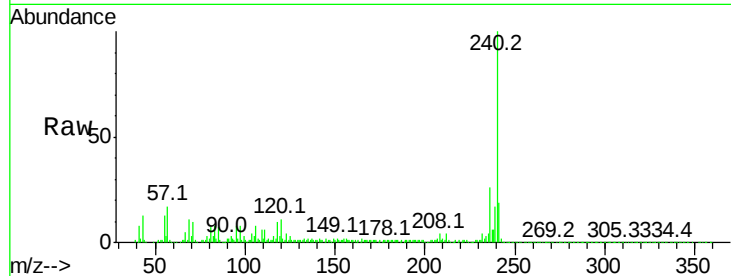
Tot Ion:240 Resp: 323533

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

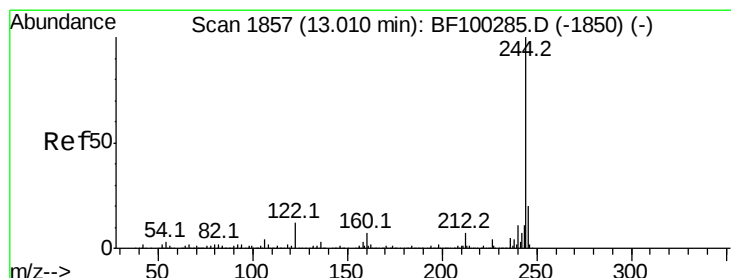
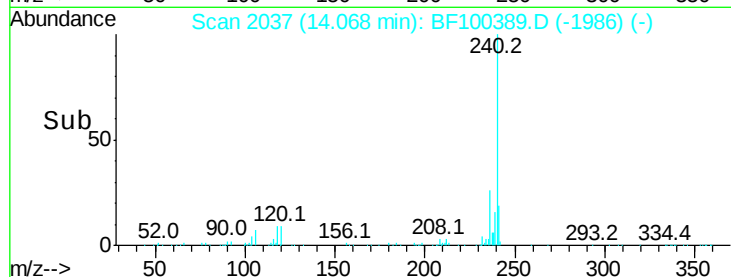
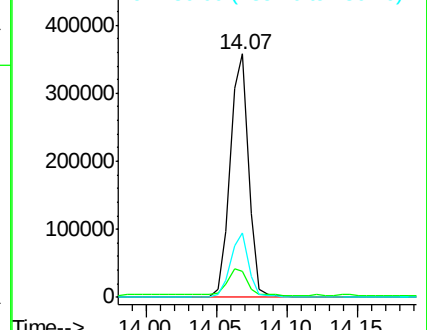
236 26.3 20.7 31.1



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: 2.193 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100389.D

Acq: 10 Nov 2017 14:27

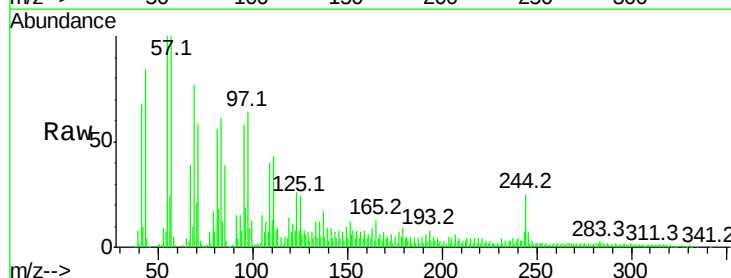
Tgt Ion:244 Resp: 30884

Ion Ratio Lower Upper

244 100

212 10.0 5.4 8.0#

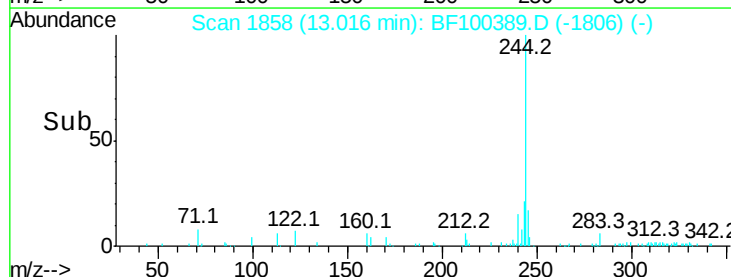
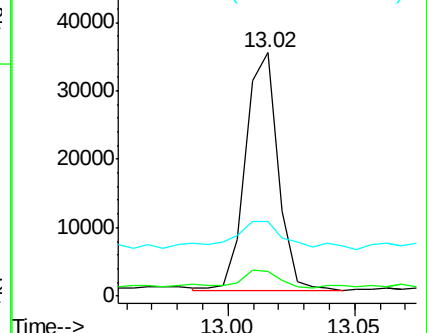
122 30.6 11.0 16.4#

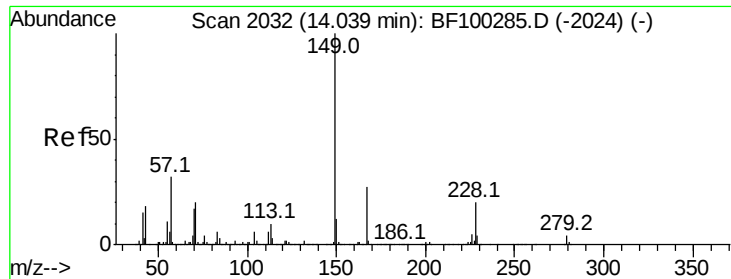


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

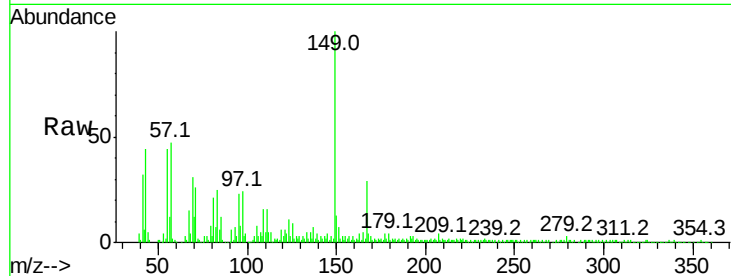




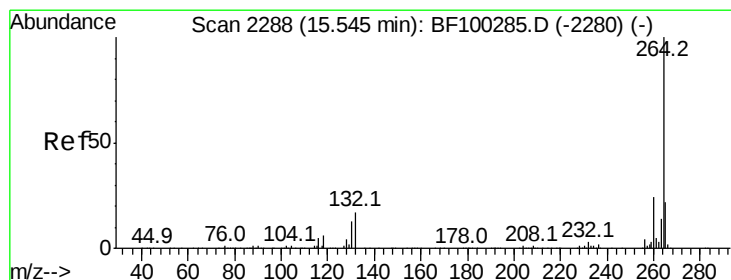
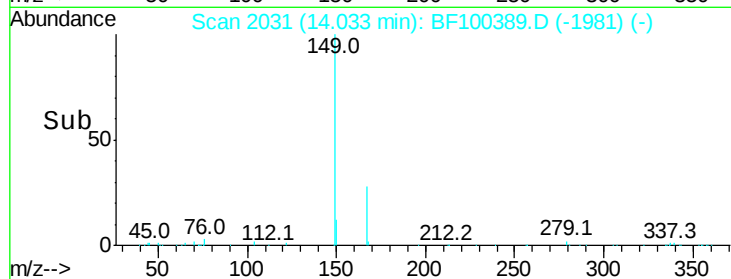
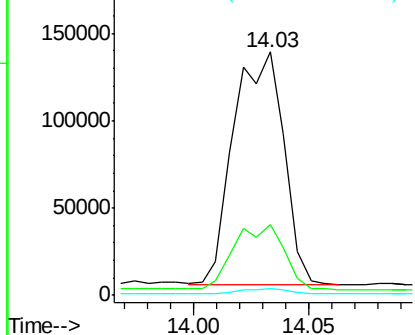
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.374 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100389.D
 Acq: 10 Nov 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5-6

Tot Ion:149 Resp: 202550
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.3 31.9
 279 2.6 3.0 4.4#

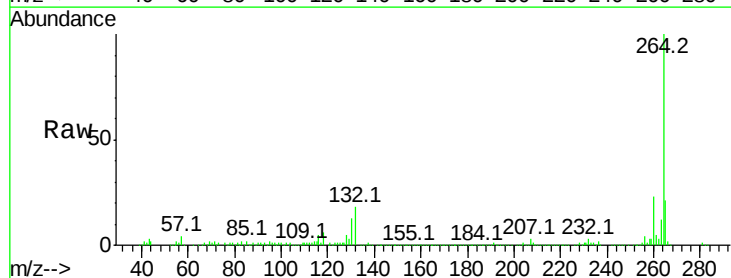


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100389.D
 Acq: 10 Nov 2017 14:27

Tgt Ion:264 Resp: 335674
 Ion Ratio Lower Upper
 264 100
 260 23.2 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

