

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100325.D
 Acq On : 9 Nov 2017 6:49
 Operator : SJ/JU
 Sample : I6379-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(1-4)

Quant Time: Nov 09 08:54:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189482	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	744453	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	317309	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	511654	20.00	ng	0.00
75) Chrysene-d12	14.06	240	374739	20.00	ng	-0.01
86) Perylene-d12	15.54	264	359416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1378895	116.65	ng	0.03
7) Phenol-d6	6.53	99	1533381	105.20	ng	0.00
23) Nitrobenzene-d5	7.46	82	1143772	101.58	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	379726	117.44	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1997209	95.84	ng	0.00
78) Terphenyl-d14	13.01	244	1412866	86.63	ng	0.00

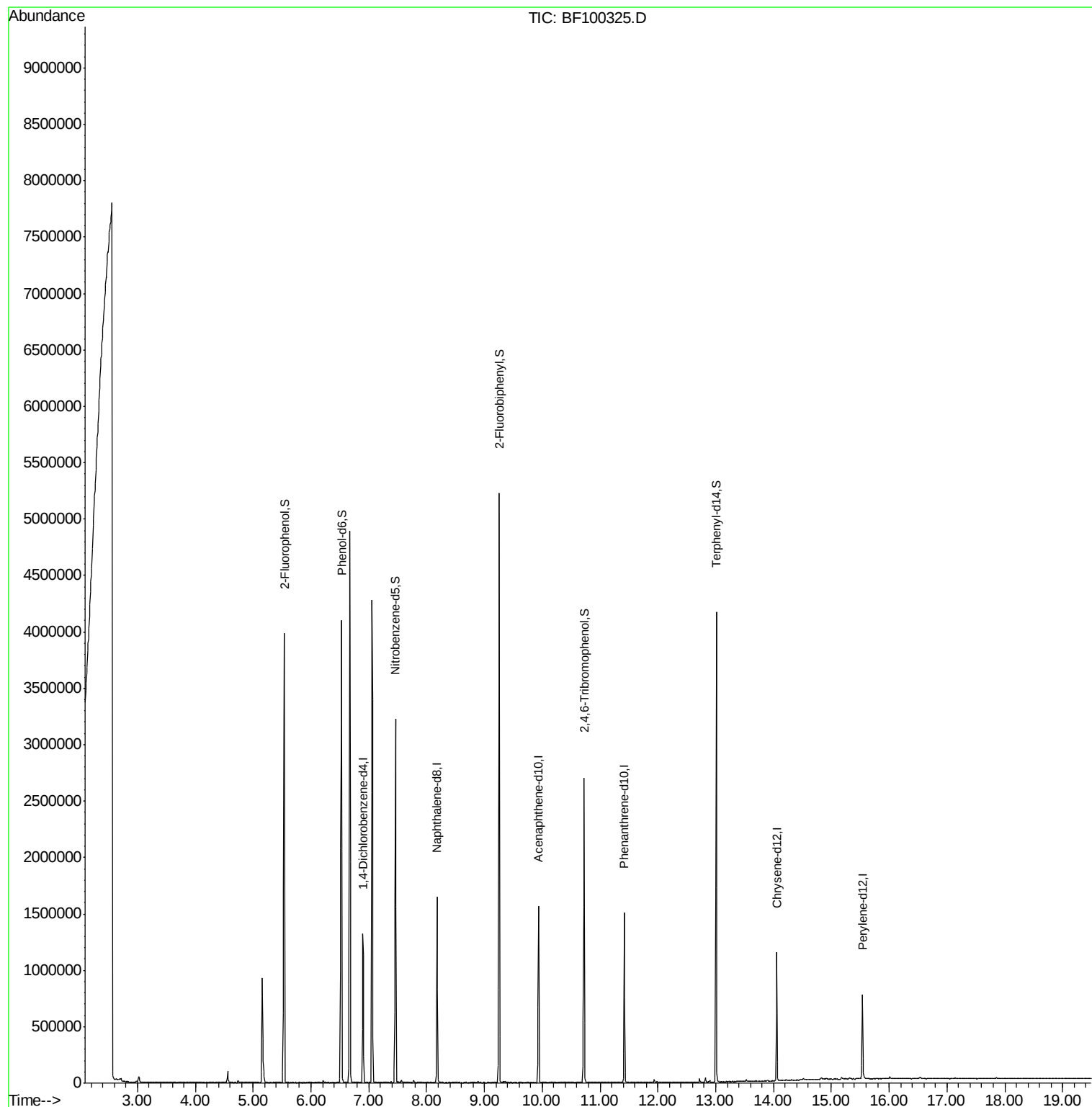
Target Compounds Qvalue

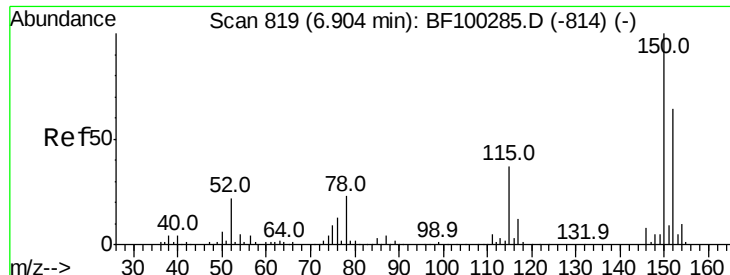
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

Instrument :

BNA_F

ClientSampleId :

TP-2-(1-4)

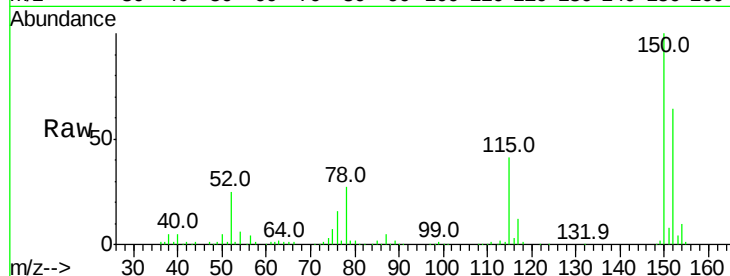
Tot Ion:152 Resp: 189482

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

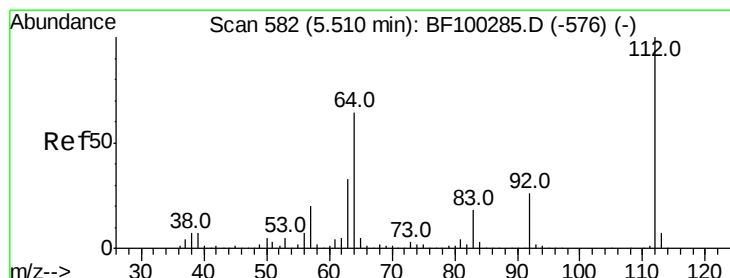
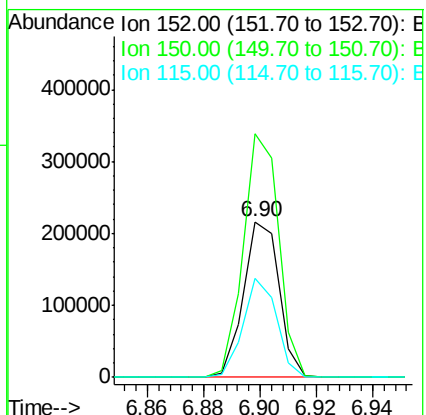
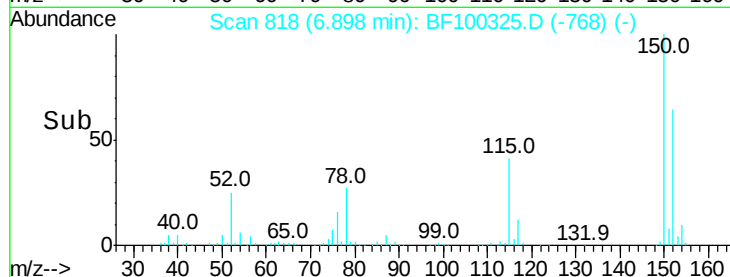
115 63.8 50.1 75.1



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: 116.652 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.03 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

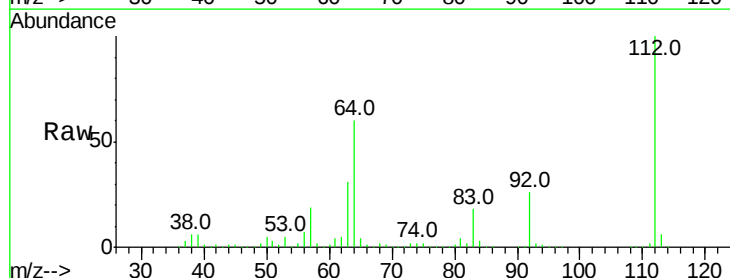
Tgt Ion:112 Resp: 1378895

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

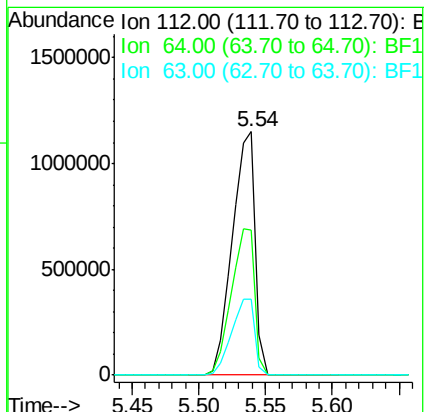
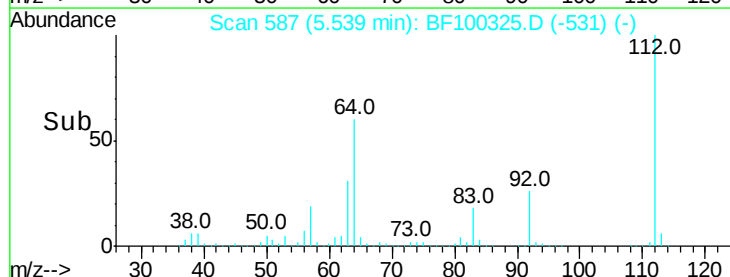
63 31.0 23.7 35.5



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: 105.197 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

Instrument :

BNA_F

ClientSampleId :

TP-2-(1-4)

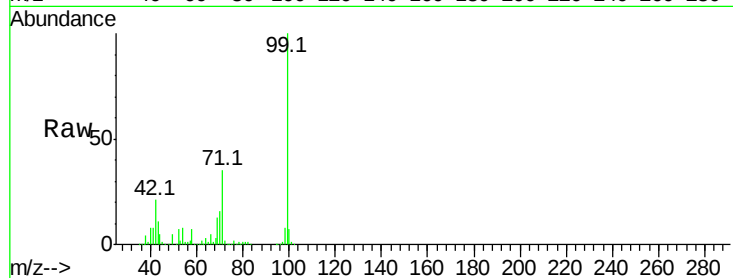
Tot Ion: 99 Resp: 1533381

Ion Ratio Lower Upper

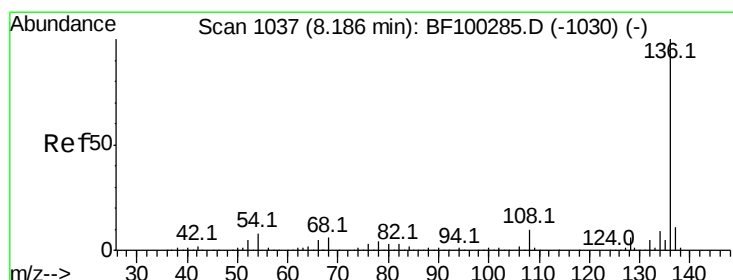
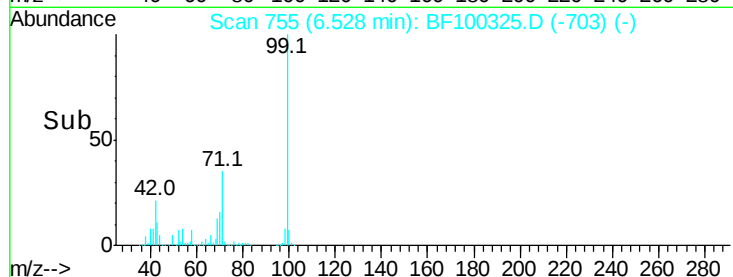
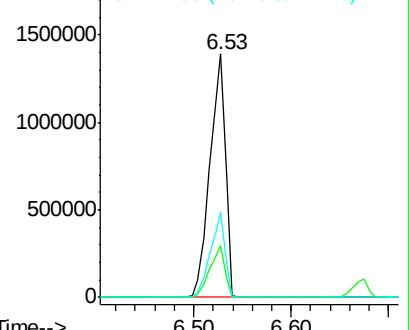
99 100

42 21.4 14.5 21.7

71 34.7 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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

Tgt Ion: 136 Resp: 744453

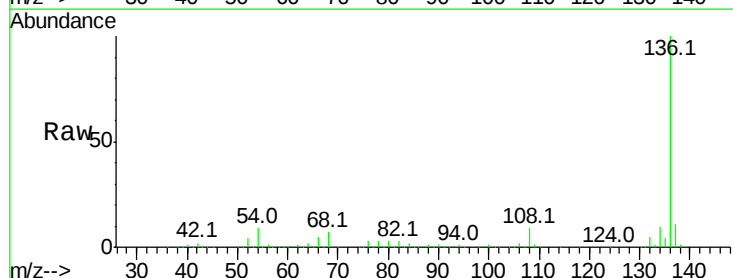
Ion Ratio Lower Upper

136 100

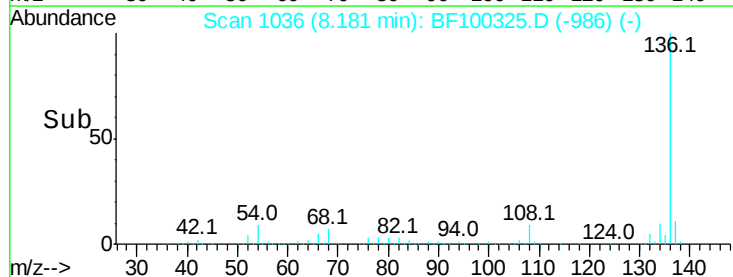
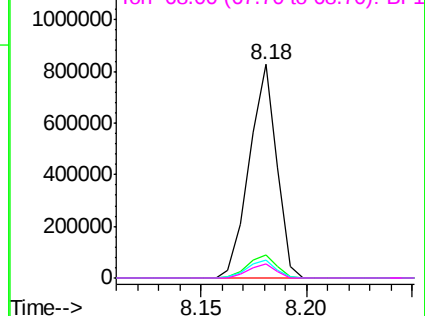
137 10.6 8.9 13.3

54 8.6 6.6 9.8

68 6.6 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

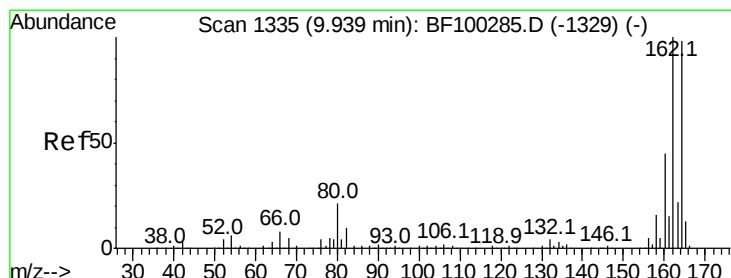
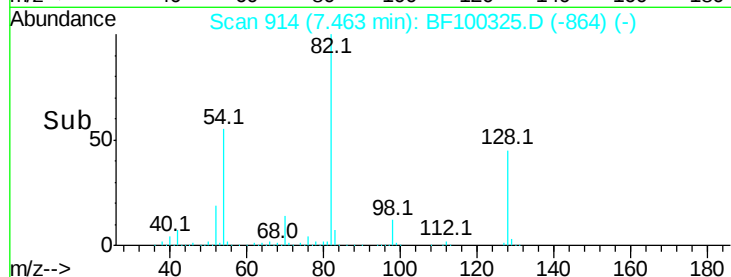
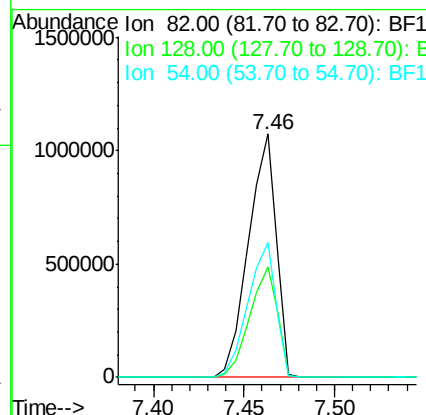
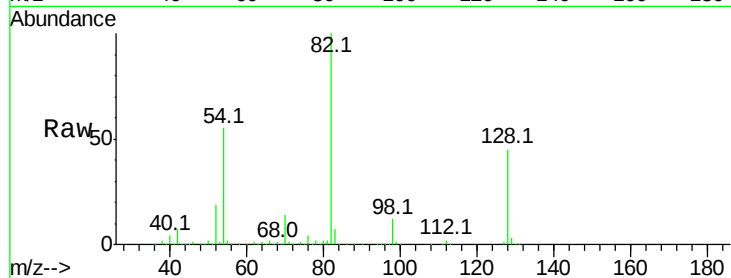




#23
 Nitrobenzene-d5
 Concen: 101.576 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

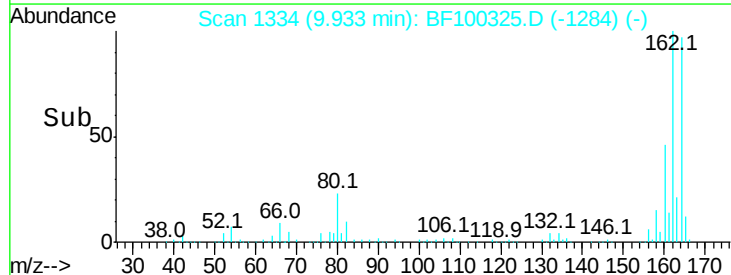
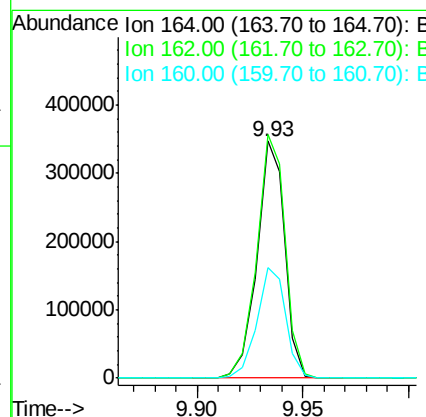
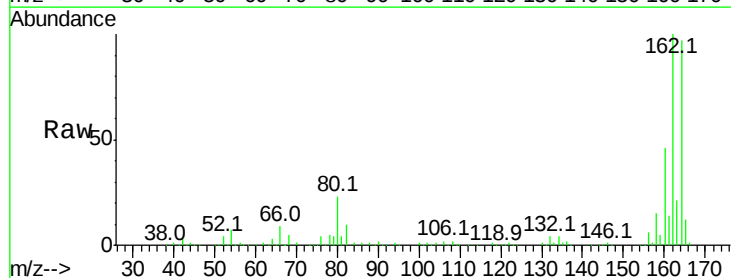
Instrument :
 BNA_F
 ClientSampled :
 TP-2-(1-4)

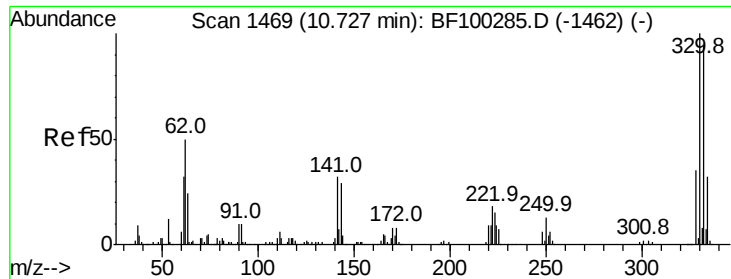
Tot Ion: 82 Resp: 1143772
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 55.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Tgt Ion: 164 Resp: 317309
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.7 38.3 57.5

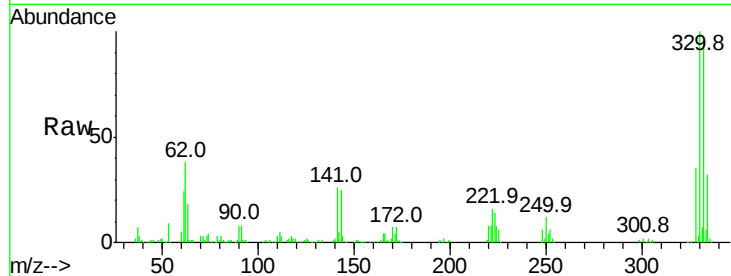




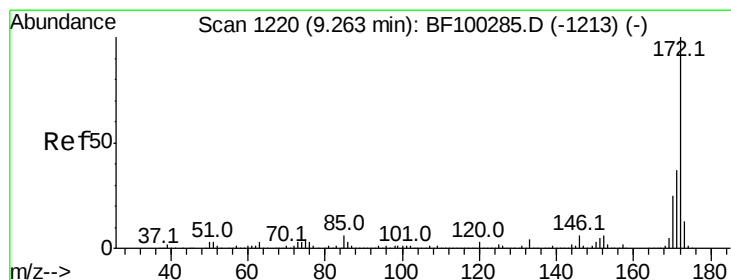
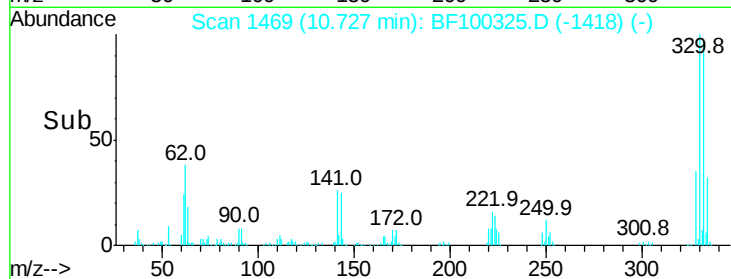
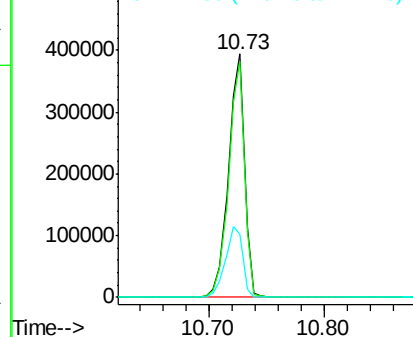
#41
 2,4,6-Tribromophenol
 Concen: 117.439 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(1-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.1	29.9	44.9

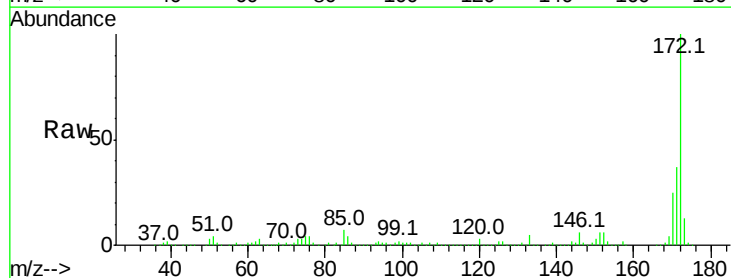


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

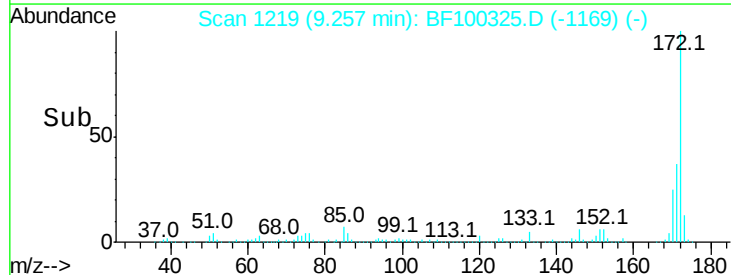
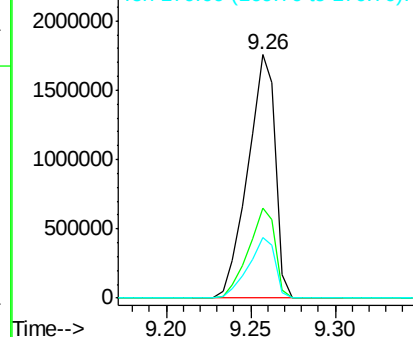


#44
 2-Fluorobiphenyl
 Concen: 95.843 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100325.D
 Acq: 9 Nov 2017 6:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.7	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

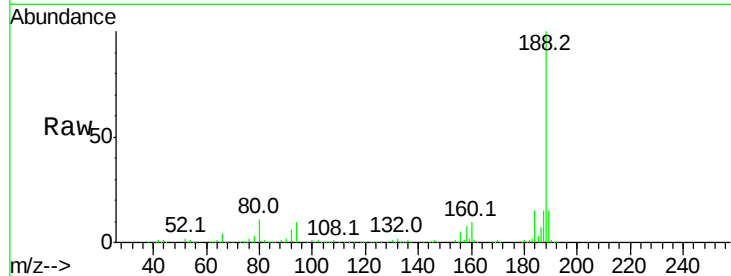




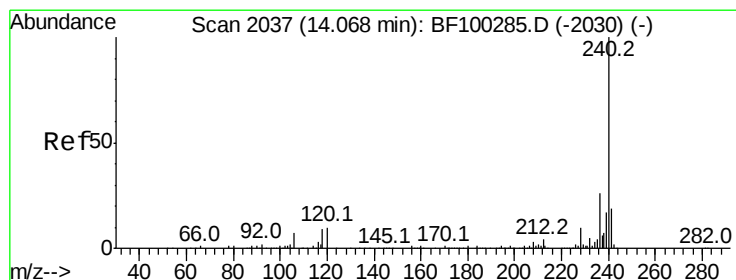
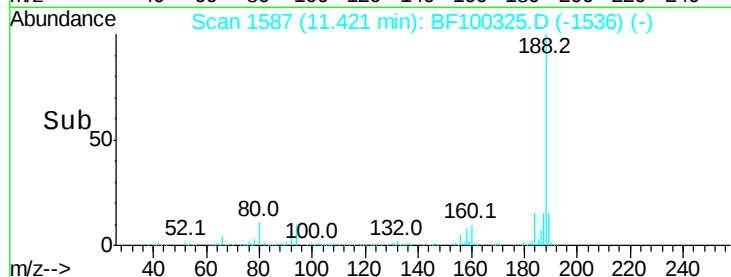
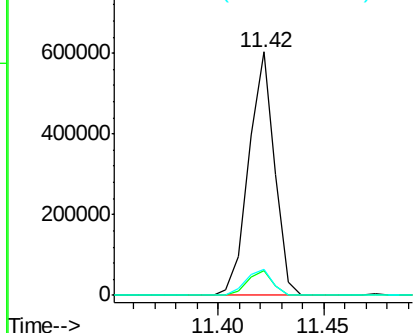
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Instrument :
BNA_F
ClientSampleId :
TP-2-(1-4)

Tot Ion:188 Resp: 511654
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8

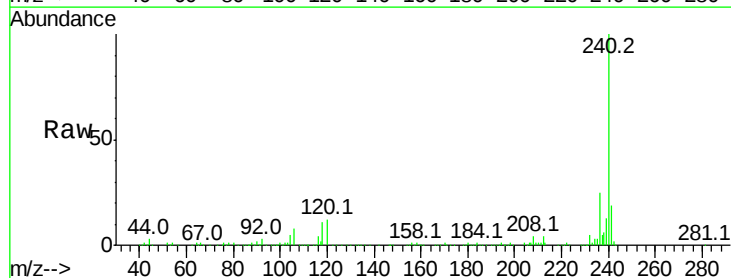


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

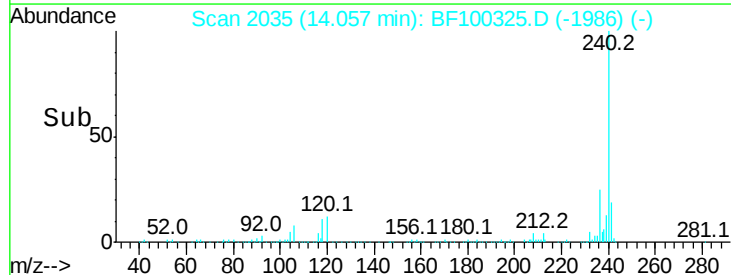
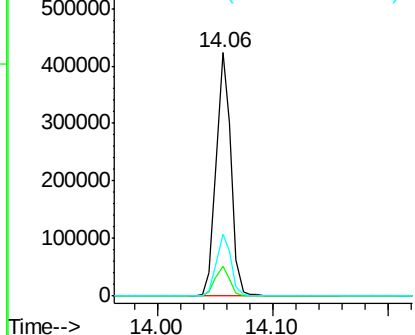


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100325.D
Acq: 9 Nov 2017 6:49

Tgt Ion:240 Resp: 374739
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.3 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: 86.630 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

Instrument :

BNA_F

ClientSampleId :

TP-2-(1-4)

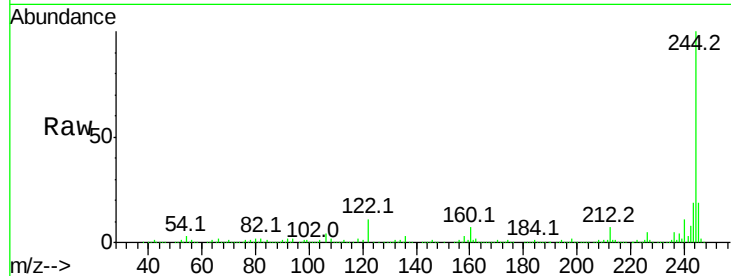
Tot Ion:244 Resp: 1412866

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

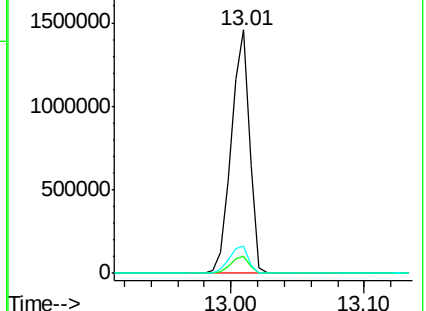
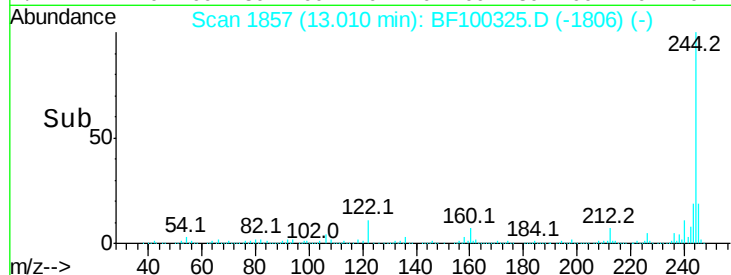
122 11.3 11.0 16.4



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# 2287

Delta R.T. -0.01 min

Lab File: BF100325.D

Acq: 9 Nov 2017 6:49

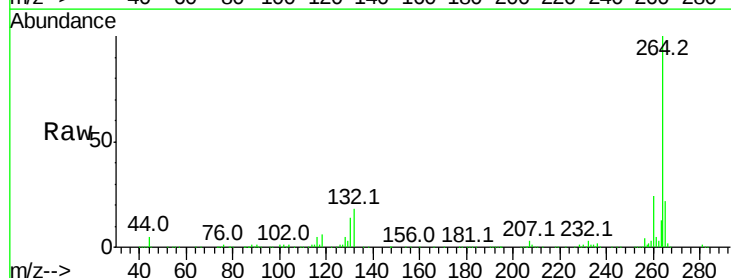
Tgt Ion:264 Resp: 359416

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 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

