

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100294.D
 Acq On : 8 Nov 2017 16:28
 Operator : SJ/JU
 Sample : I6341-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A6835DW-A6865DW

Quant Time: Nov 08 17:29:24 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	186002	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	741885	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	358057	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	693191	20.00	ng	0.00
75) Chrysene-d12	14.06	240	503405	20.00	ng	-0.01
86) Perylene-d12	15.54	264	400061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	642482	55.37	ng	0.00
7) Phenol-d6	6.51	99	515671	36.04	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1052831	93.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	507380	139.06	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2055031	87.39	ng	0.00
78) Terphenyl-d14	13.02	244	2083647	95.10	ng	0.00

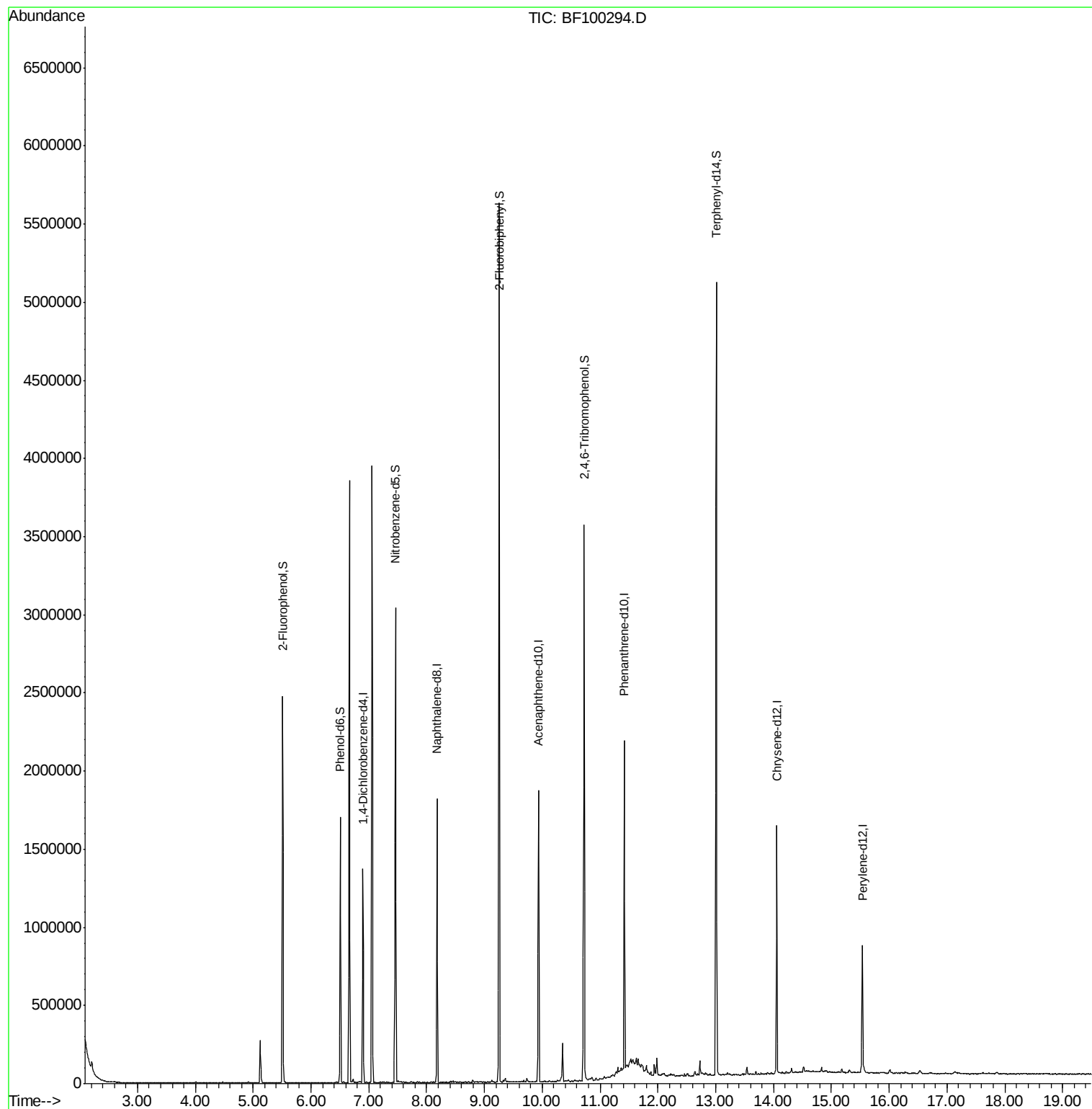
Target Compounds Qvalue

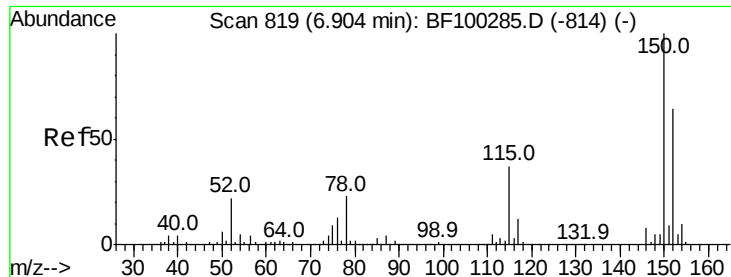
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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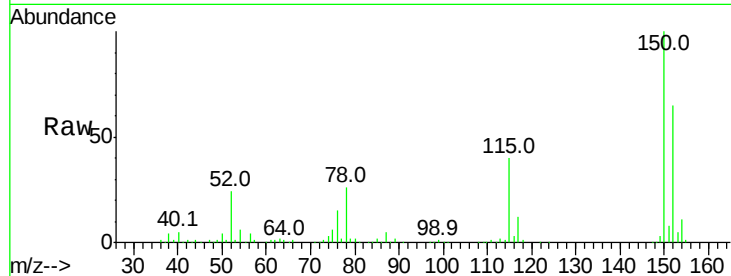


#1

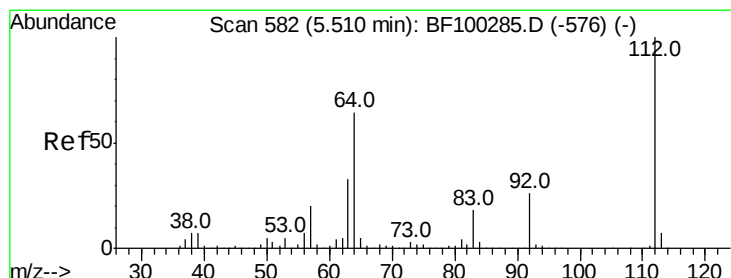
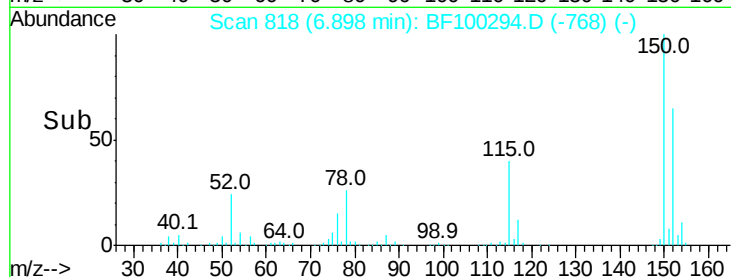
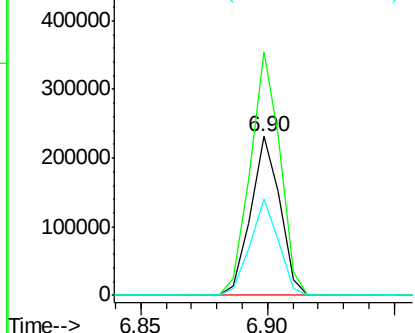
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
A6835DW-A6865DW

Tot Ion:152 Resp: 186002
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 60.7 50.1 75.1



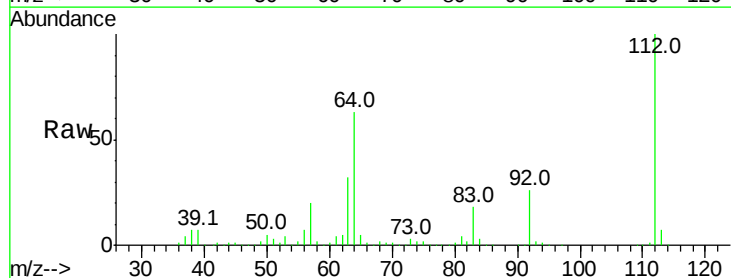
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



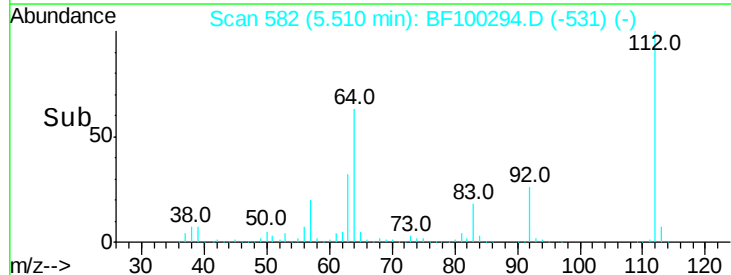
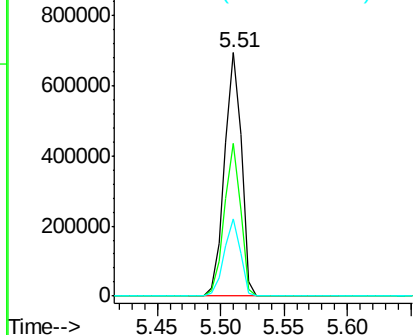
#5

2-Fluorophenol
Concen: 55.370 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF100294.D
Acq: 8 Nov 2017 16:28

Tgt Ion:112 Resp: 642482
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 31.9 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: 36.039 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

A6835DW-A6865DW

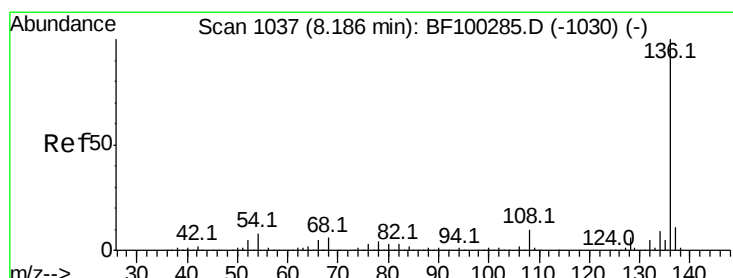
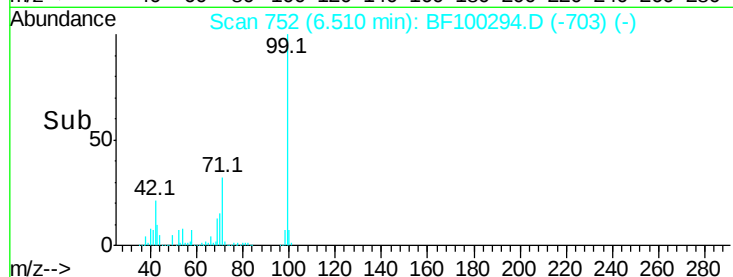
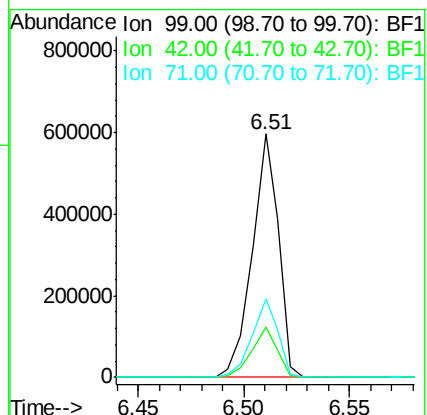
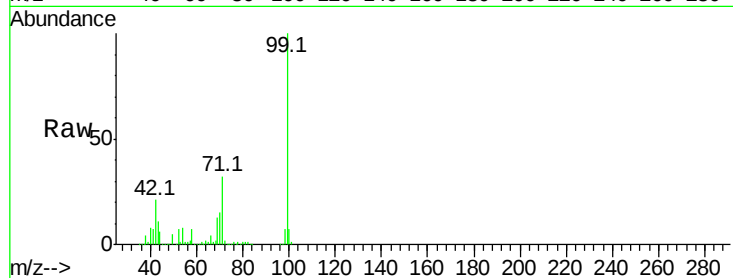
Tot Ion: 99 Resp: 515671

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 32.4 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: BF100294.D

Acq: 8 Nov 2017 16:28

Tgt Ion: 136 Resp: 741885

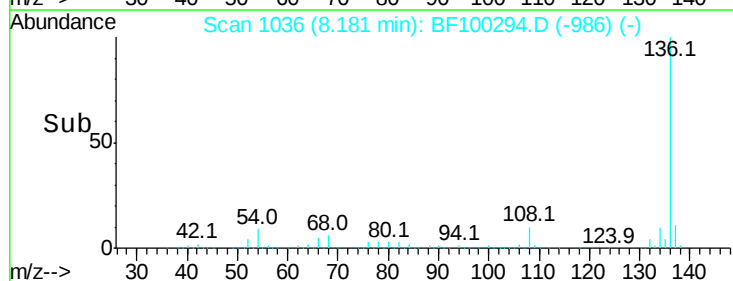
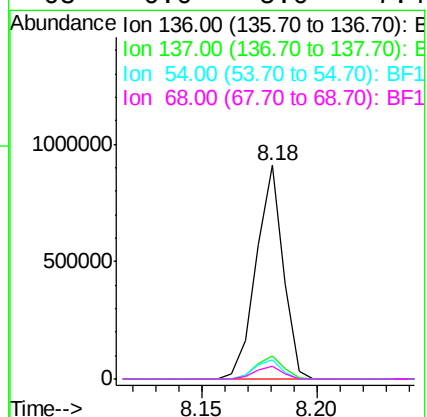
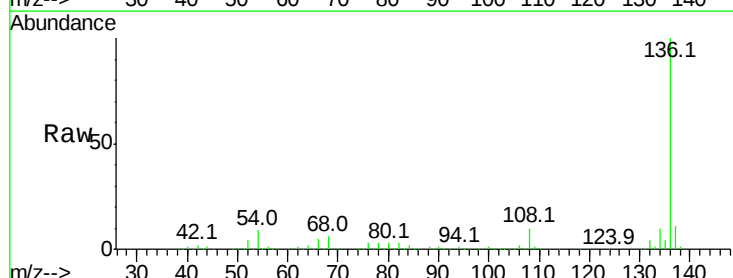
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 6.6 9.8

68 6.0 5.0 7.4



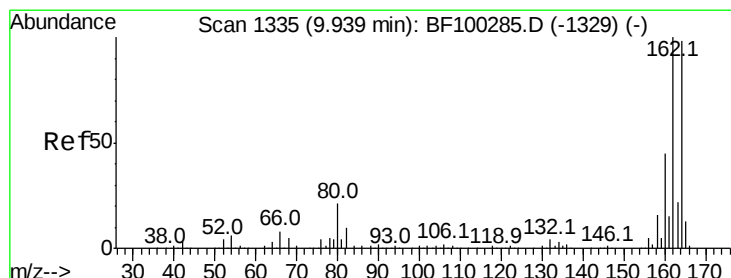
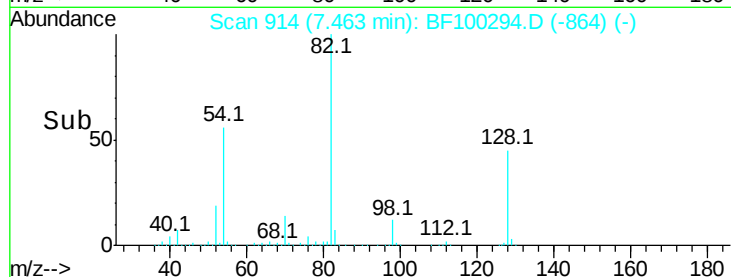
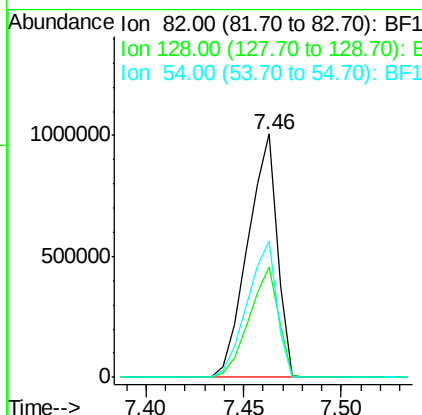
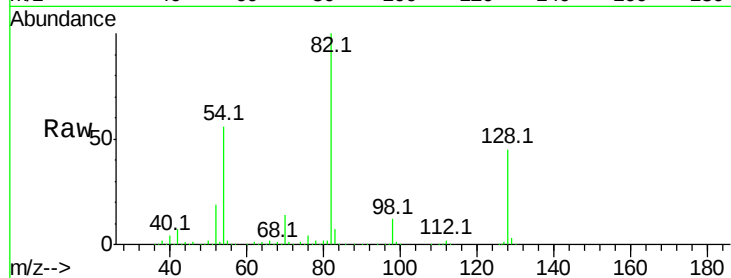


#23
 Nitrobenzene-d5
 Concen: 93.823 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 A6835DW-A6865DW

Tot Ion: 82 Resp: 1052831

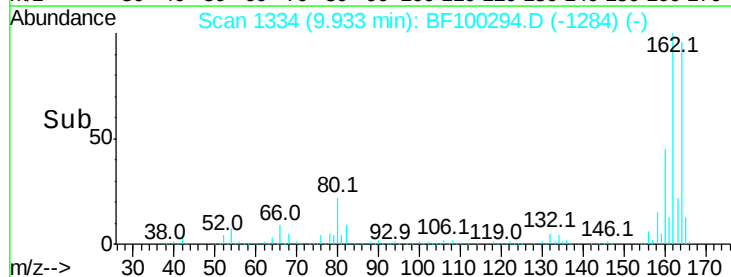
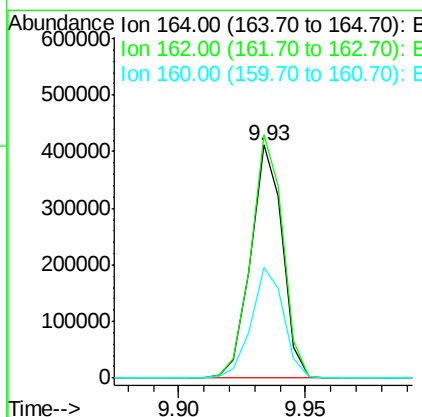
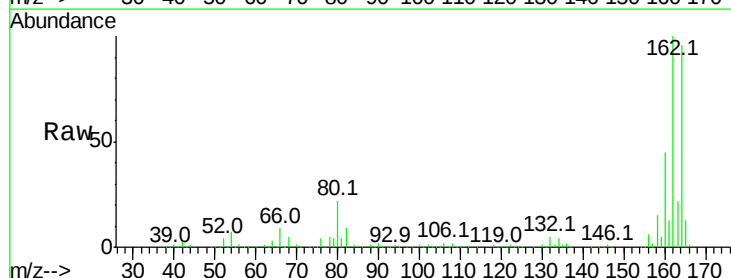
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	55.8	41.4	62.2

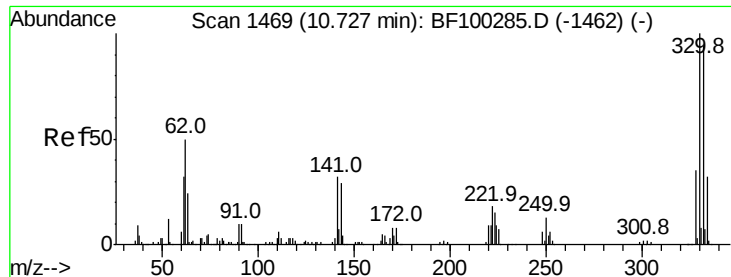


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion: 164 Resp: 358057

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.3	38.3	57.5

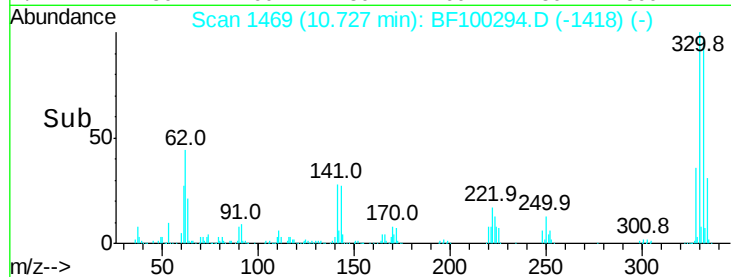
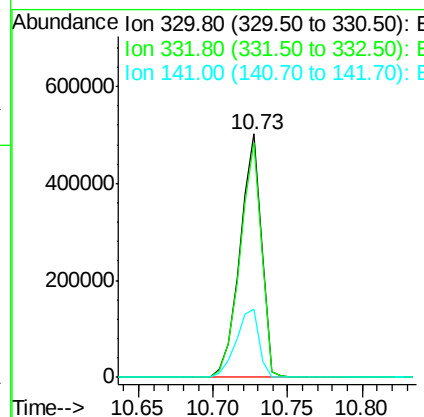
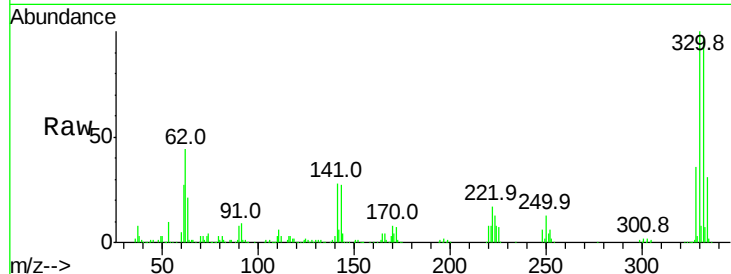




#41
 2,4,6-Tribromophenol
 Concen: 139.061 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

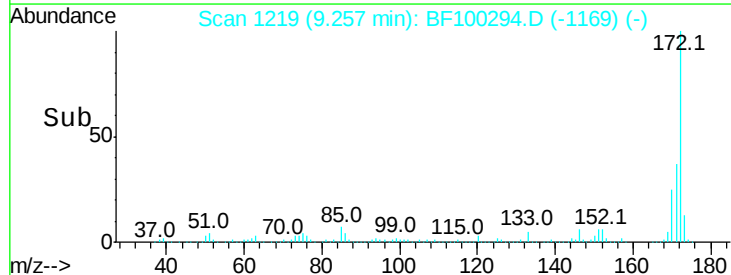
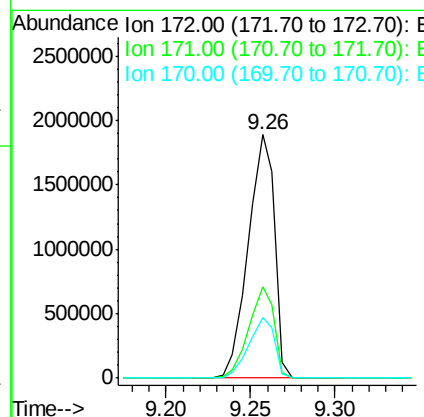
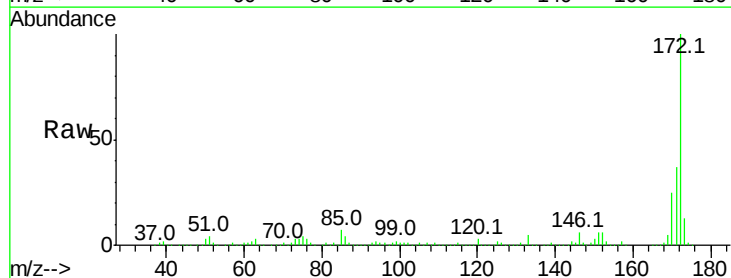
Instrument :
 BNA_F
 ClientSampleId :
 A6835DW-A6865DW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	30.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.394 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100294.D
 Acq: 8 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.7	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

A6835DW-A6865DW

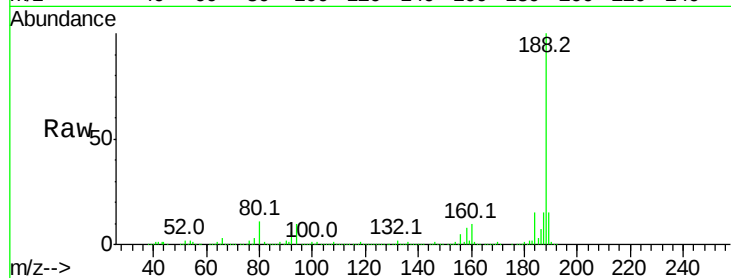
Tot Ion:188 Resp: 693191

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

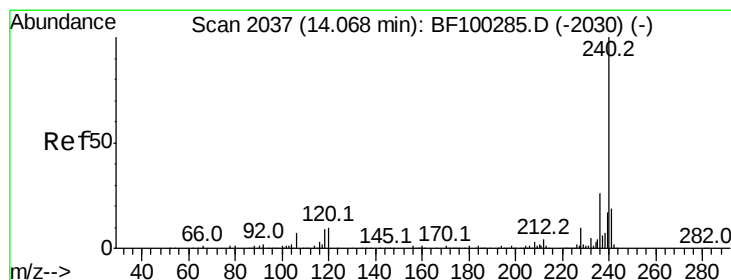
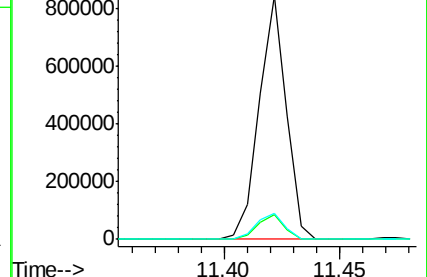
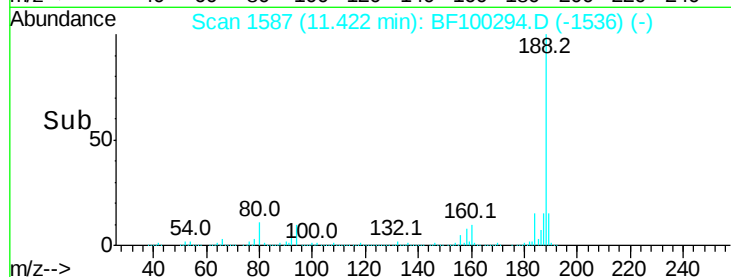
80 10.8 9.2 13.8



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: BF100294.D

Acq: 8 Nov 2017 16:28

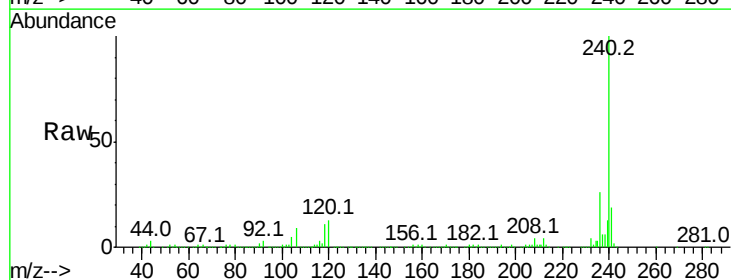
Tgt Ion:240 Resp: 503405

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

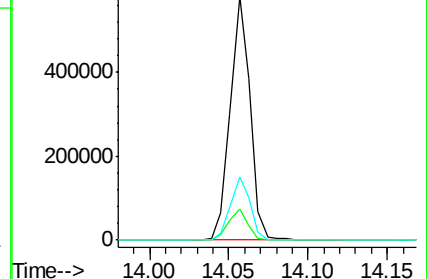
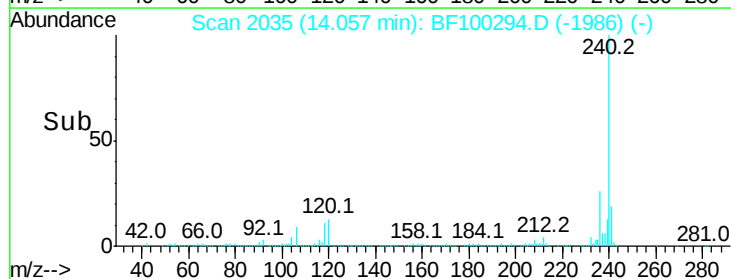
236 26.1 20.7 31.1

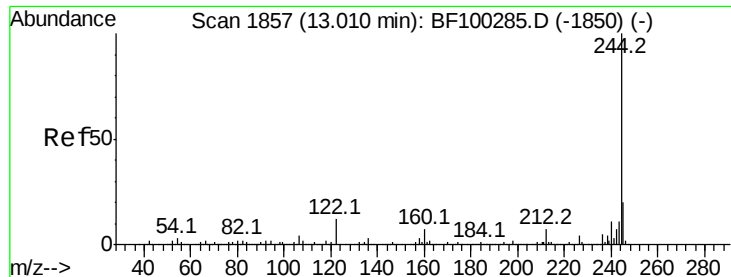


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.105 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100294.D

Acq: 8 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

A6835DW-A6865DW

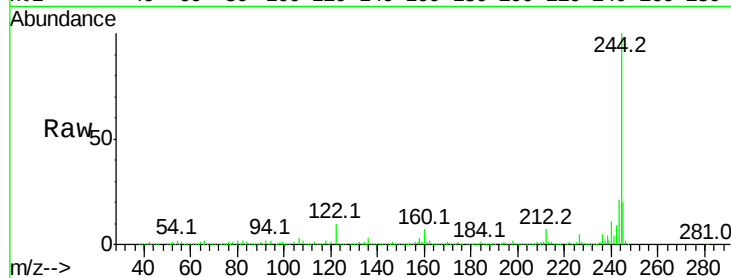
Tot Ion:244 Resp: 2083647

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

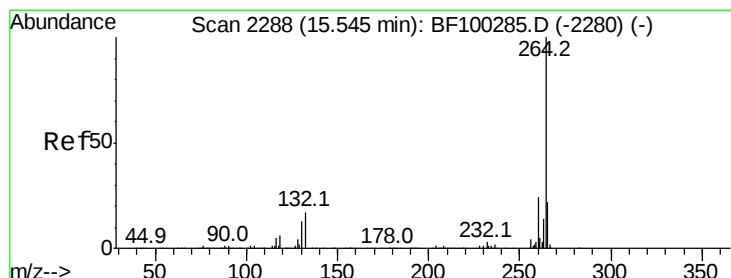
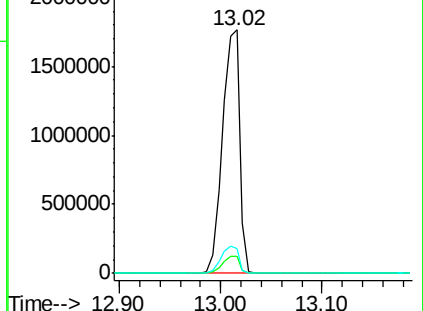
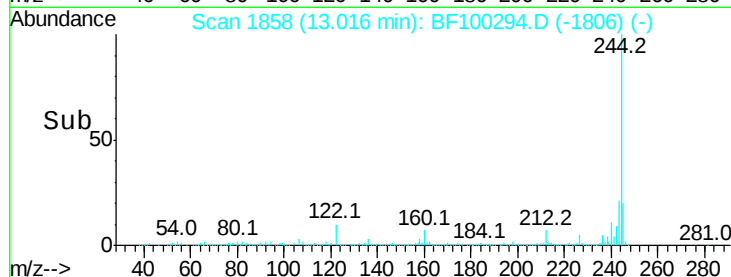
122 10.1 11.0 16.4#



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: BF100294.D

Acq: 8 Nov 2017 16:28

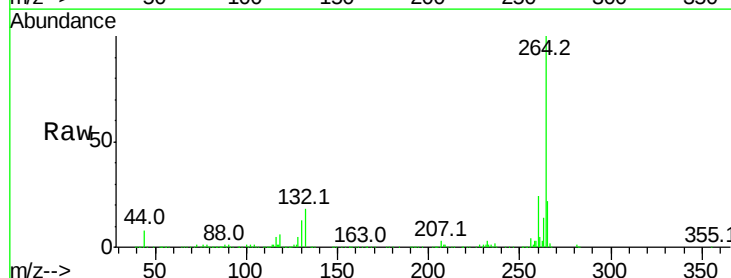
Tgt Ion:264 Resp: 400061

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 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

