

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100295.D
 Acq On : 8 Nov 2017 16:55
 Operator : SJ/JU
 Sample : I6275-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2727

Quant Time: Nov 08 17:41:36 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	205007	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	880464	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	373938	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	651934	20.00	ng	0.00
75) Chrysene-d12	14.06	240	427802	20.00	ng	0.00
86) Perylene-d12	15.54	264	406133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	716980	56.06	ng	0.00
7) Phenol-d6	6.52	99	558104	35.39	ng	0.00
23) Nitrobenzene-d5	7.46	82	1196176	89.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	455312	119.49	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2107038	85.80	ng	0.00
78) Terphenyl-d14	13.02	244	1664718	89.41	ng	0.00

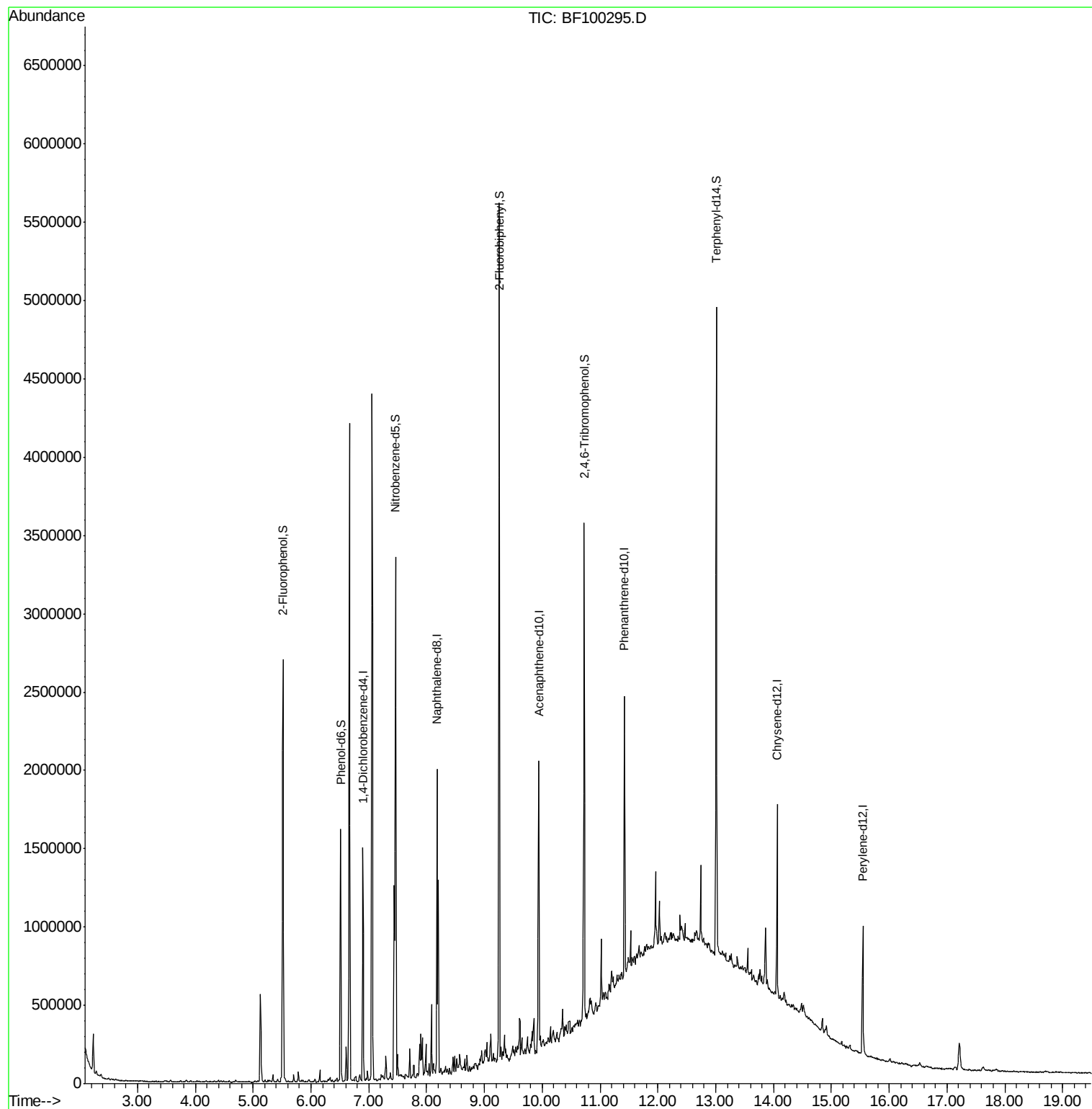
Target Compounds Qvalue

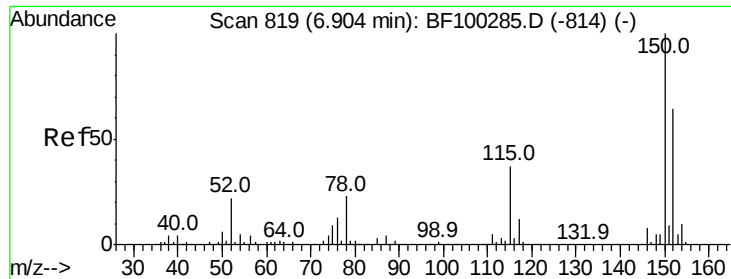
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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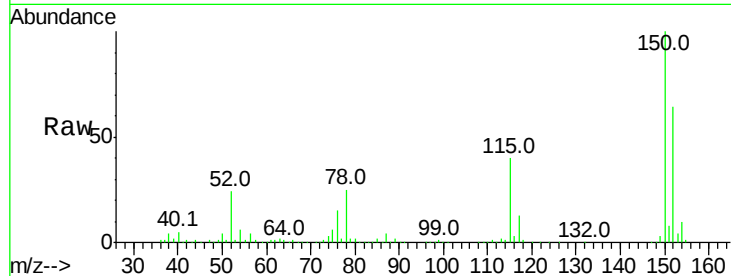


#1

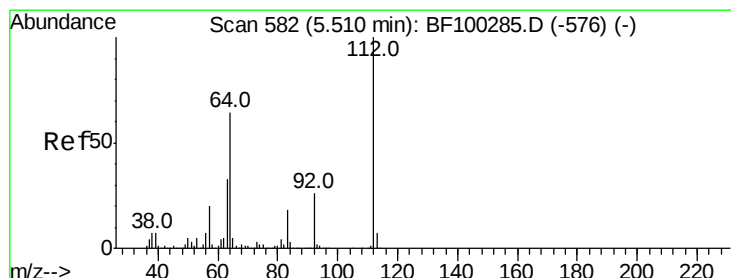
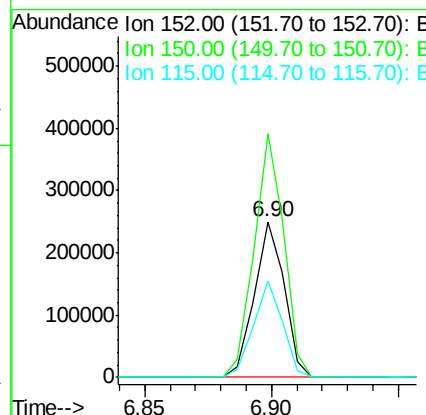
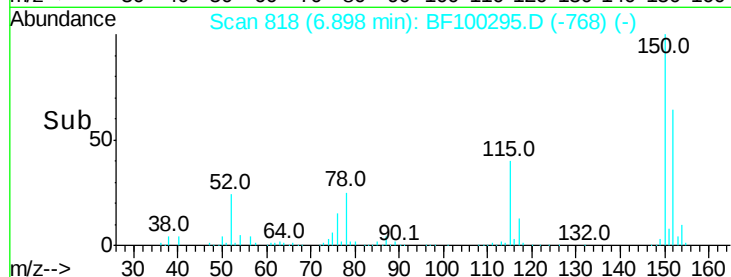
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Instrument :
BNA_F
ClientSampleId :
2727

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.5	50.1	75.1



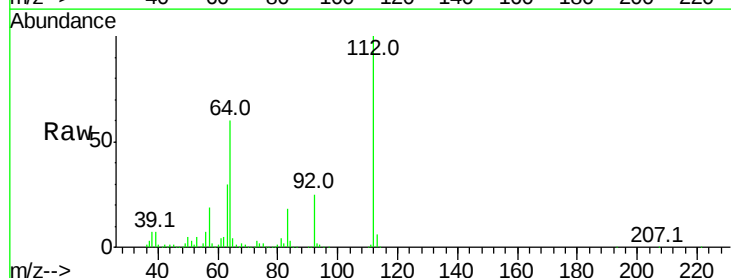
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



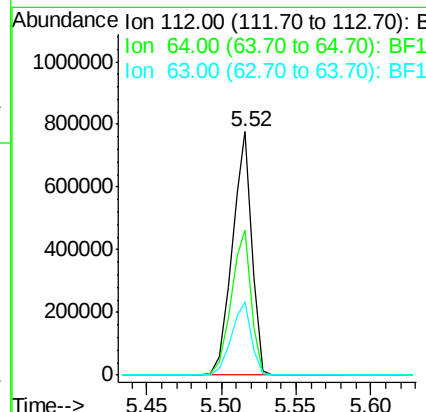
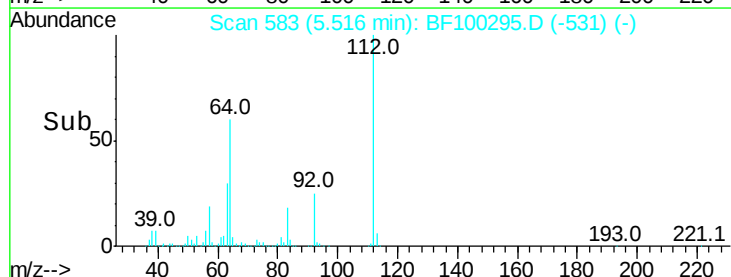
#5

2-Fluorophenol
Concen: 56.062 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.3	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: 35.389 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

Instrument :

BNA_F

ClientSampleId :

2727

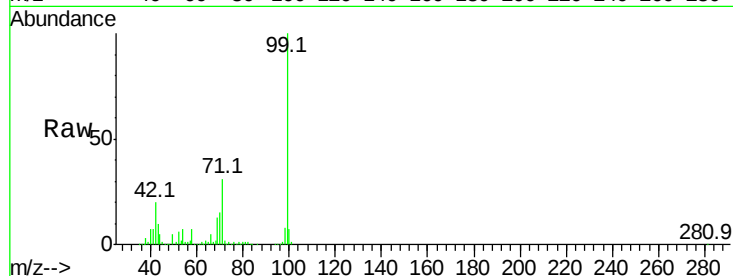
Tot Ion: 99 Resp: 558104

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

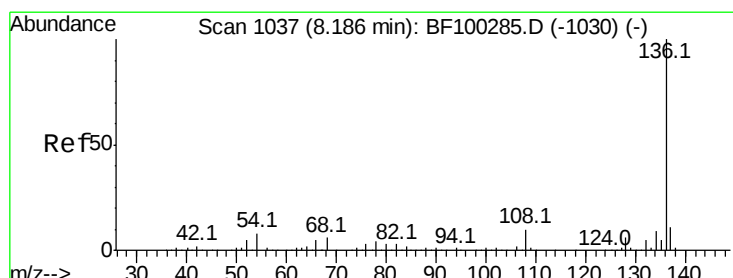
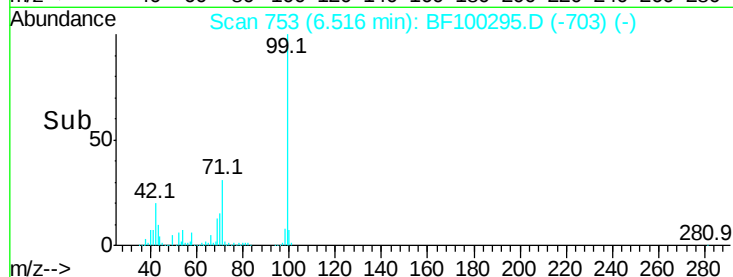
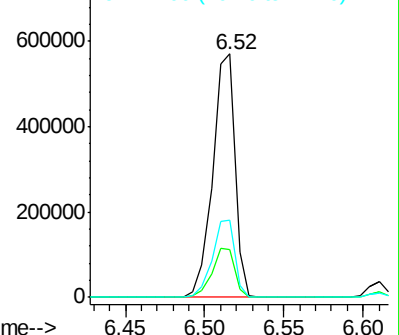
71 31.5 25.4 38.0



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: BF100295.D

Acq: 8 Nov 2017 16:55

Tgt Ion: 136 Resp: 880464

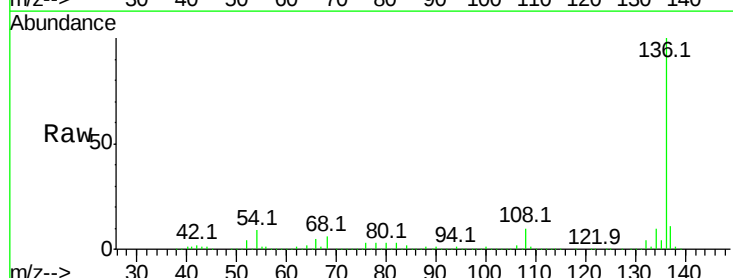
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

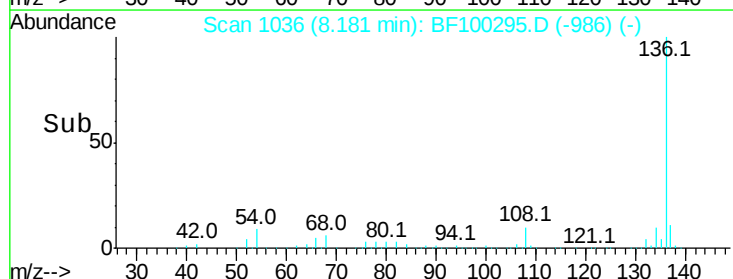
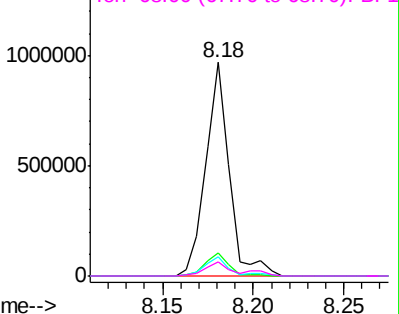


Abundance Ion 136.00 (135.70 to 136.70): E

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

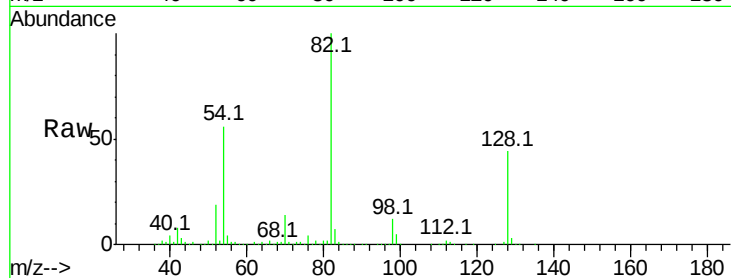




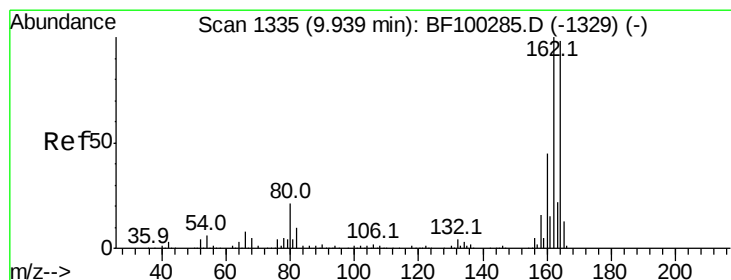
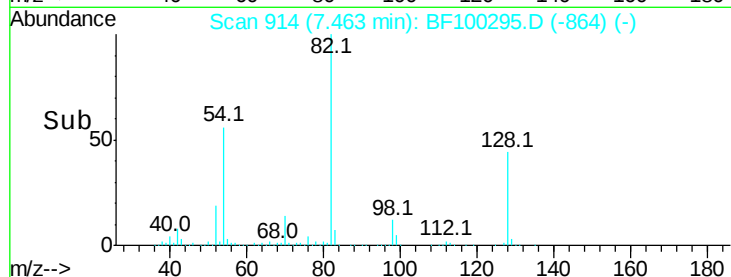
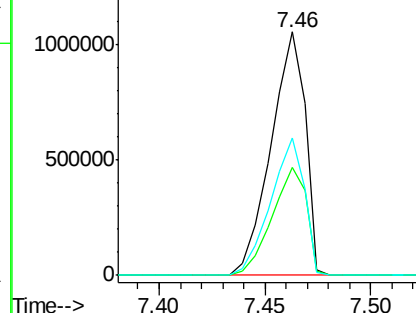
#23
Nitrobenzene-d5
Concen: 89.820 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Instrument :
BNA_F
ClientSampleId :
2727

Tot Ion: 82 Resp: 1196176
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 56.4 41.4 62.2

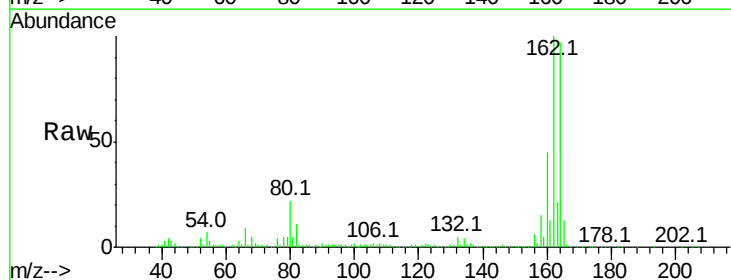


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

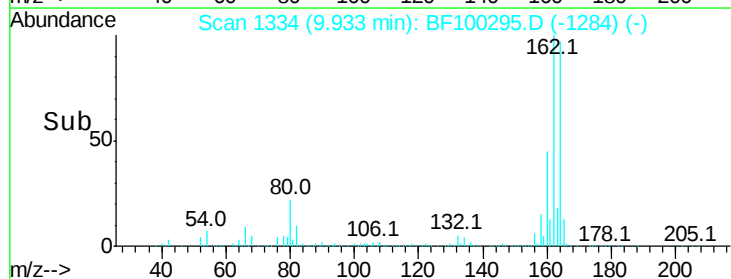
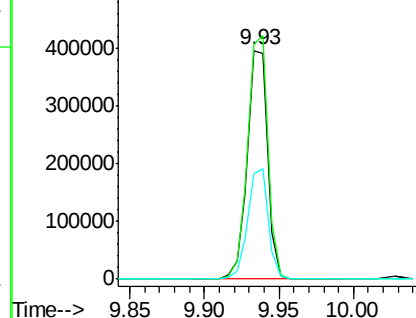


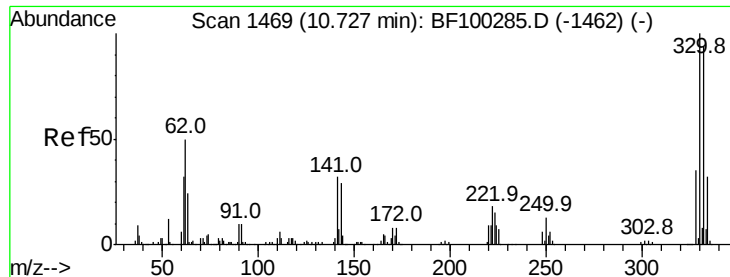
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tgt Ion:164 Resp: 373938
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.2 38.3 57.5



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

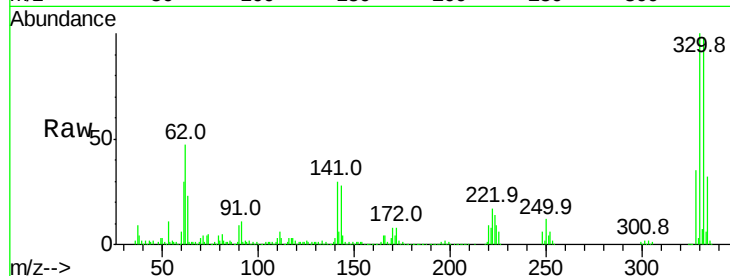




#41
 2,4,6-Tribromophenol
 Concen: 119.491 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100295.D
 Acq: 8 Nov 2017 16:55

Instrument :
 BNA_F
 ClientSampleId :
 2727

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	32.4	29.9	44.9

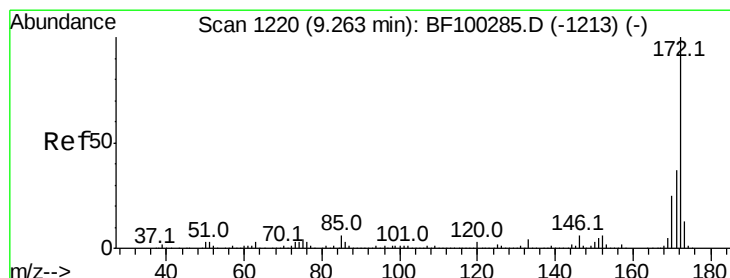
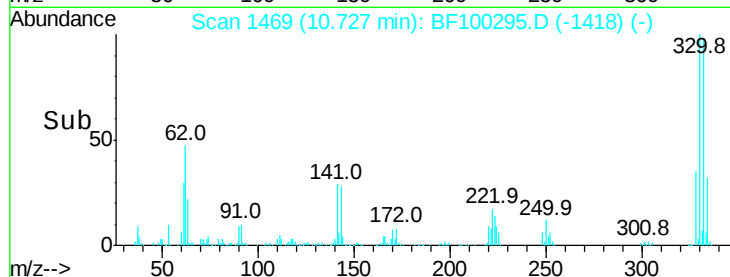
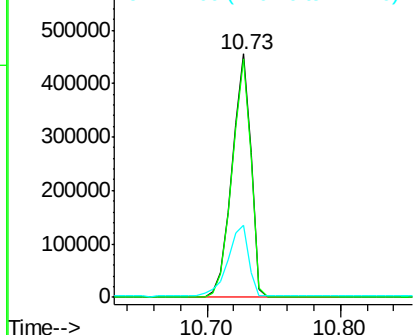


Abundance

Ion 329.80 (329.50 to 330.50): E

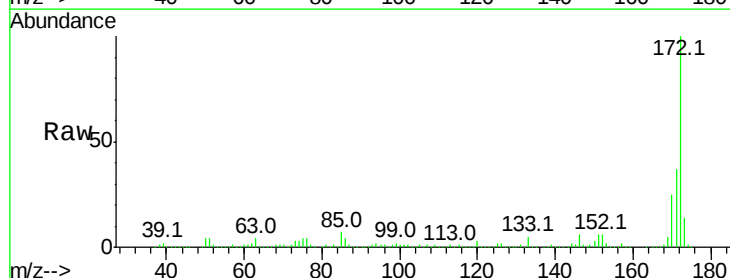
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.801 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100295.D
 Acq: 8 Nov 2017 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.0	19.6	29.4

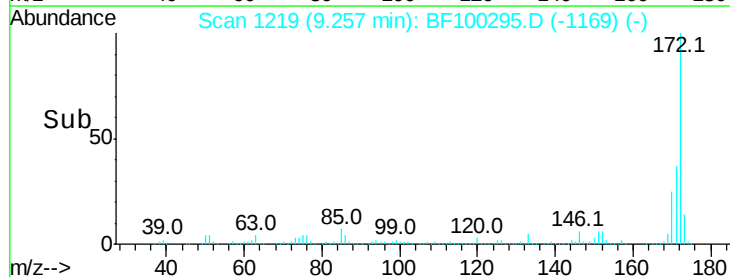
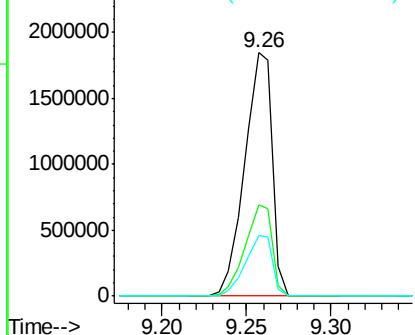


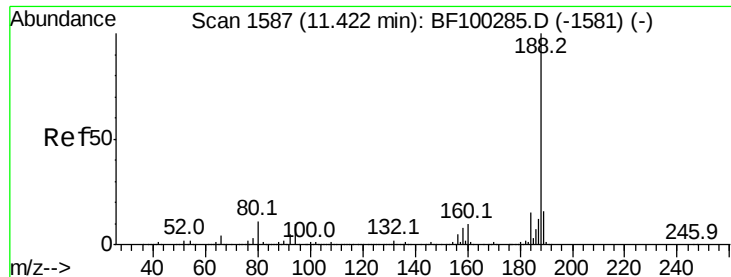
Abundance

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

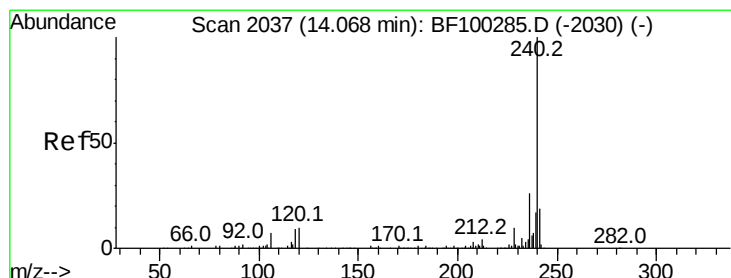
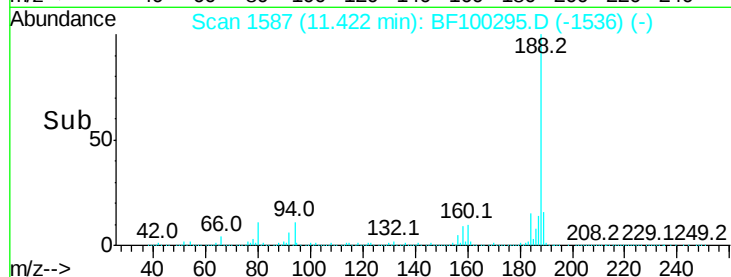
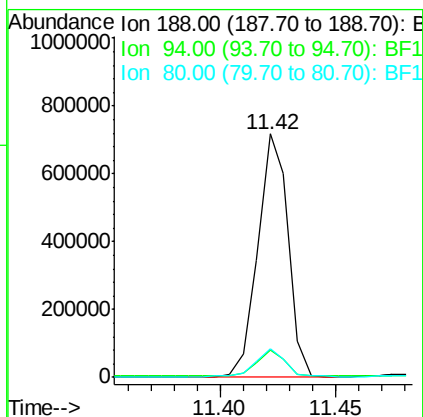
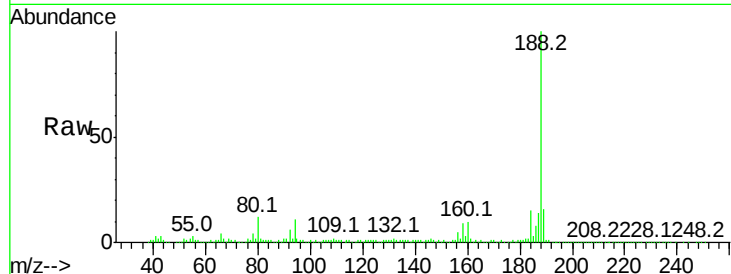




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

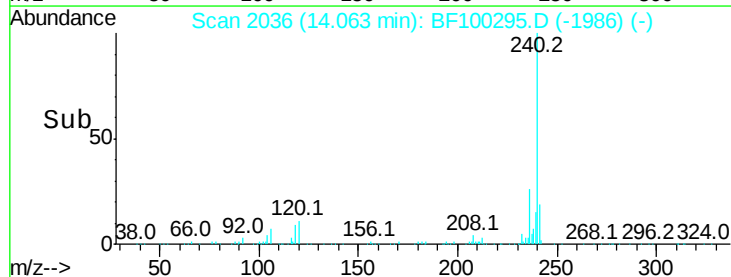
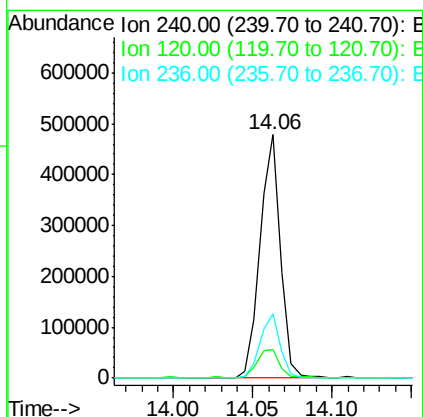
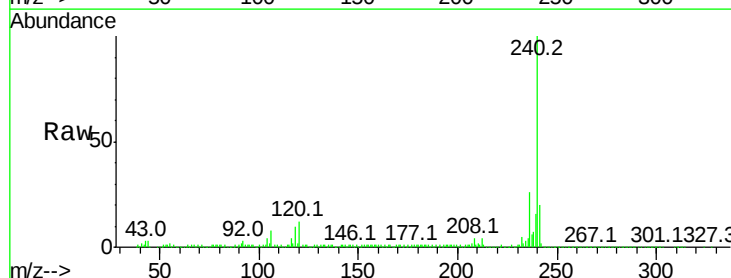
Instrument :
BNA_F
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2727

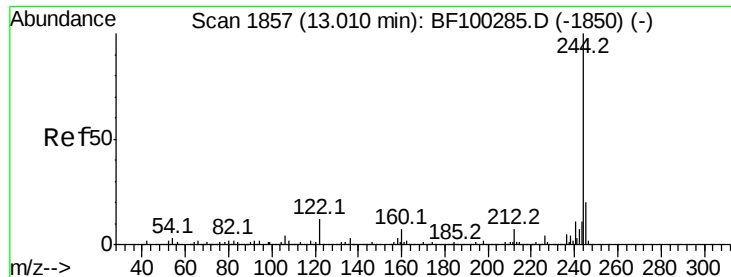
Tot Ion:188 Resp: 651934
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100295.D
Acq: 8 Nov 2017 16:55

Tgt Ion:240 Resp: 427802
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 89.411 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

Instrument :

BNA_F

ClientSampleId :

2727

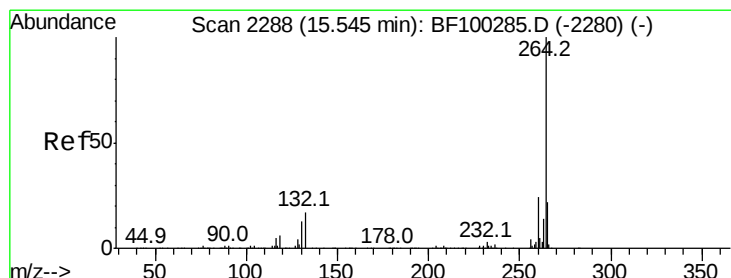
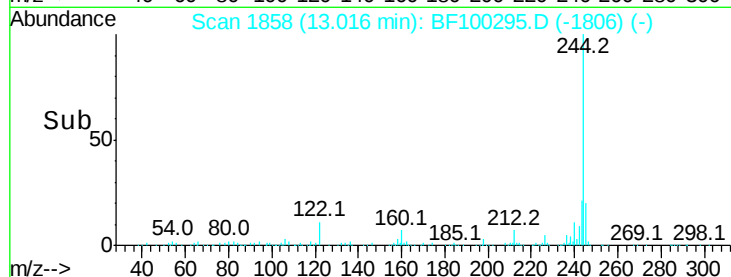
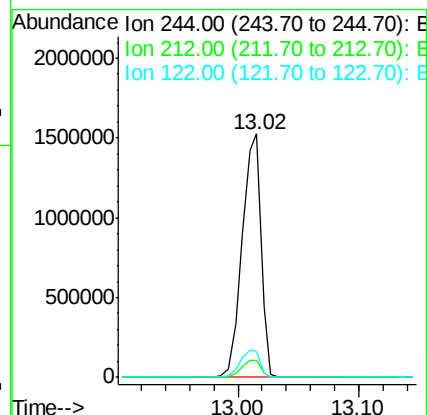
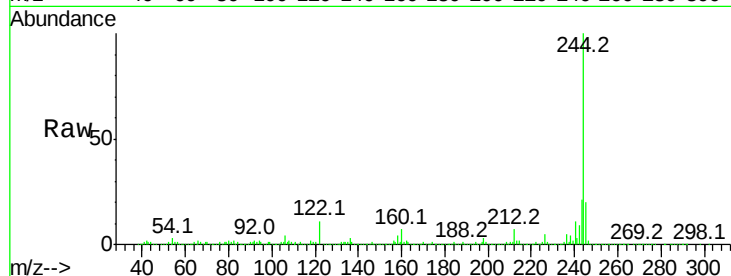
Tot Ion:244 Resp: 1664718

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 10.8 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100295.D

Acq: 8 Nov 2017 16:55

Tgt Ion:264 Resp: 406133

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.4 17.5 26.3

