

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100539.D
 Acq On : 14 Nov 2017 13:43
 Operator : SJ/JU
 Sample : I6413-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM728

Quant Time: Nov 14 14:29:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

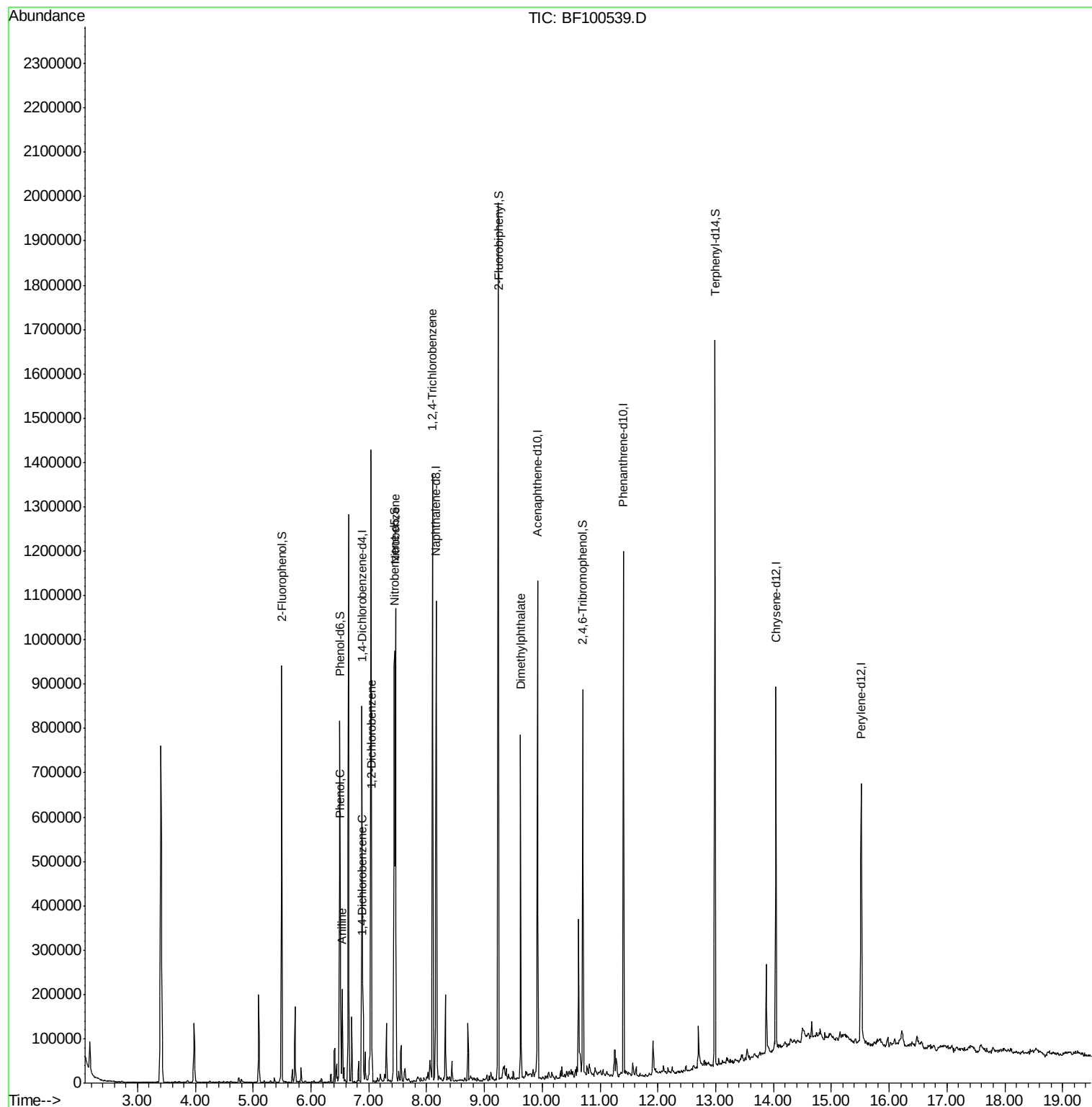
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125256	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	488773	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	224042	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	393836	20.00	ng	0.00
75) Chrysene-d12	14.04	240	275201	20.00	ng	-0.01
86) Perylene-d12	15.52	264	273946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	238537	30.53	ng	0.00
7) Phenol-d6	6.50	99	231785	24.06	ng	-0.01
23) Nitrobenzene-d5	7.44	82	337806	45.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	93463	40.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	634112	43.10	ng	0.00
78) Terphenyl-d14	12.99	244	495575	41.38	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.54	93	68821	5.056	ng	99
10) Phenol	6.51	94	75421	7.456	ng	98
13) 1,4-Dichlorobenzene	6.90	146	42827	4.440	ng	97
14) 1,2-Dichlorobenzene	7.05	146	22866	2.564	ng	99
24) Nitrobenzene	7.46	77	282747	37.159	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	232659	32.351	ng	96
49) Dimethylphthalate	9.63	163	292222	17.083	ng	99

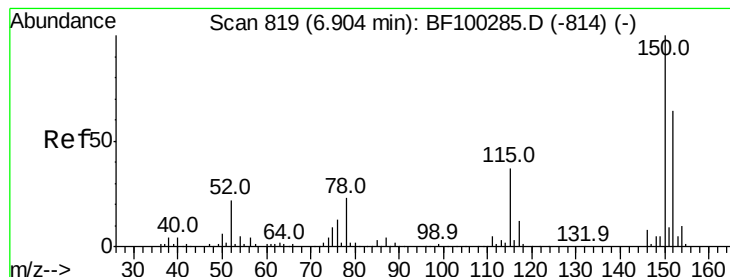
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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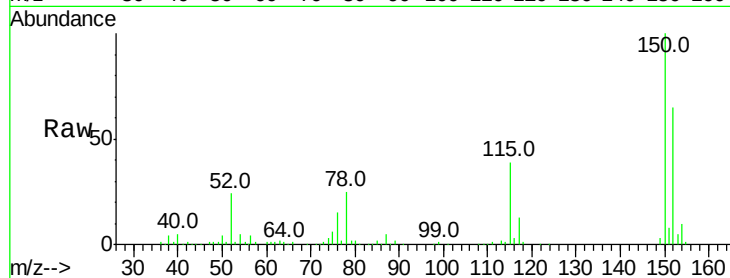


#1

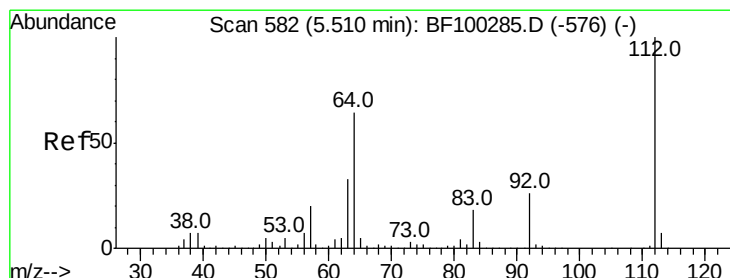
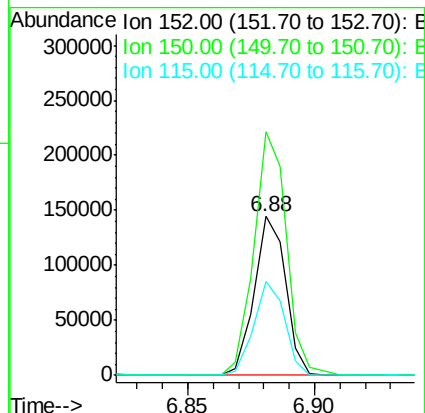
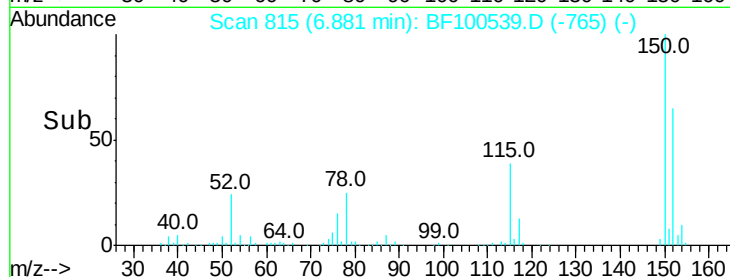
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
FM728

Tot Ion:152 Resp: 125256
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 59.3 50.1 75.1



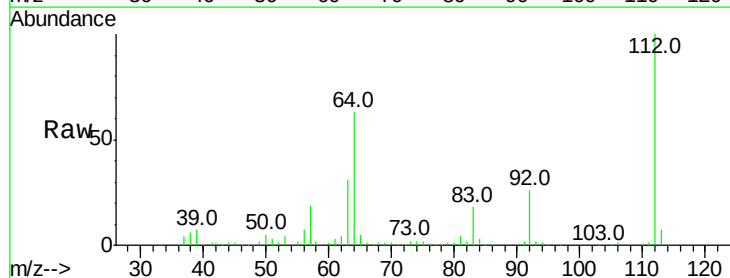
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



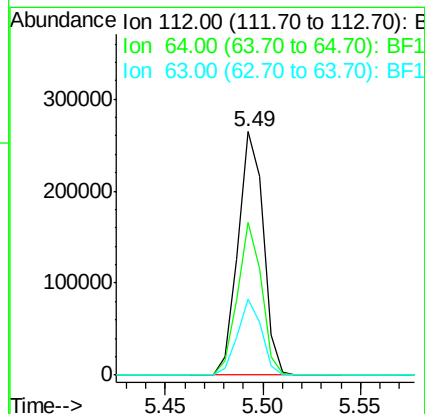
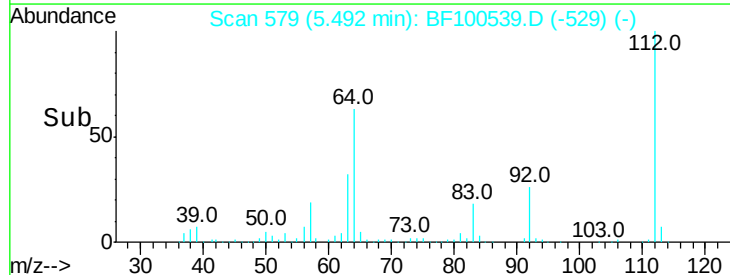
#5

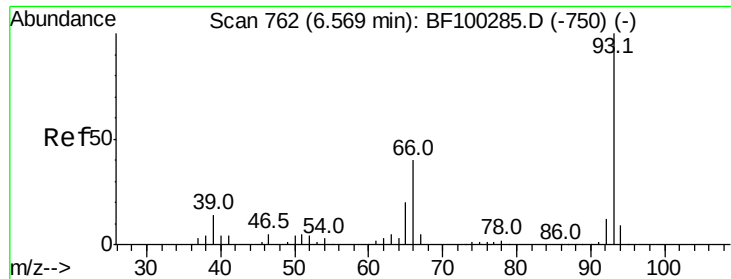
2-Fluorophenol
Concen: 30.527 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Tgt Ion:112 Resp: 238537
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.4 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





#6

Aniline

Concen: 5.056 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF100539.D

Acq: 14 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

FM728

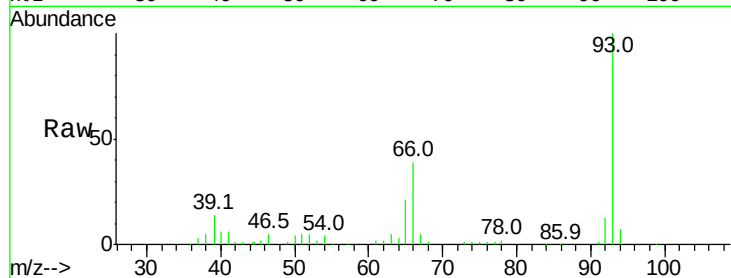
Tot Ion: 93 Resp: 68821

Ion Ratio Lower Upper

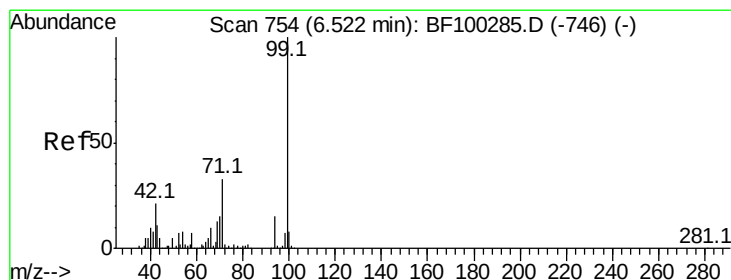
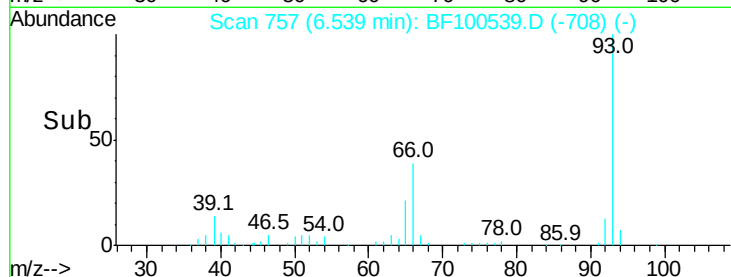
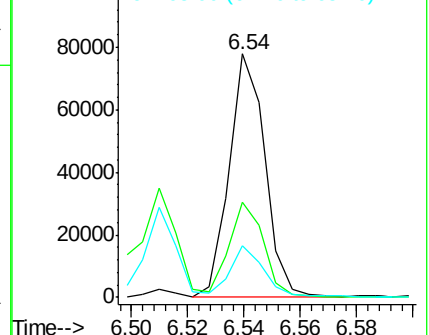
93 100

66 39.2 32.2 48.2

65 20.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 24.055 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100539.D

Acq: 14 Nov 2017 13:43

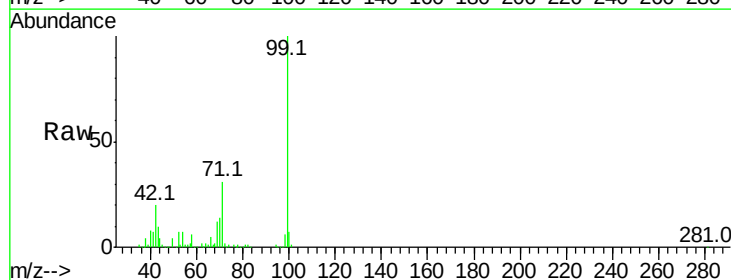
Tgt Ion: 99 Resp: 231785

Ion Ratio Lower Upper

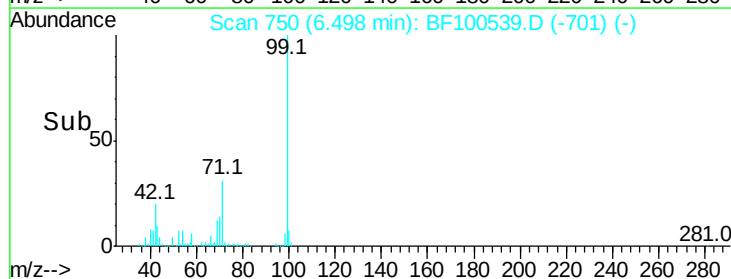
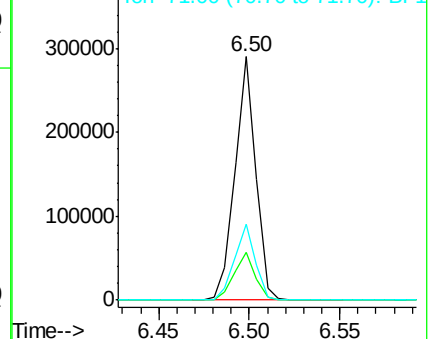
99 100

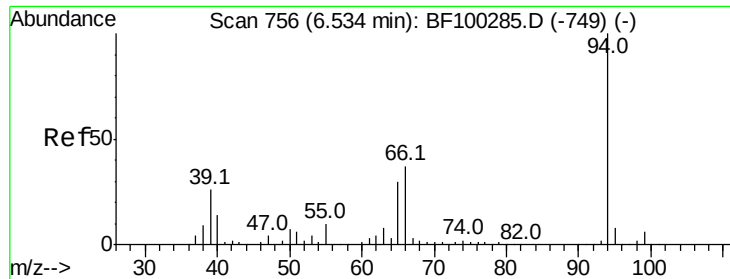
42 19.7 14.5 21.7

71 31.2 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

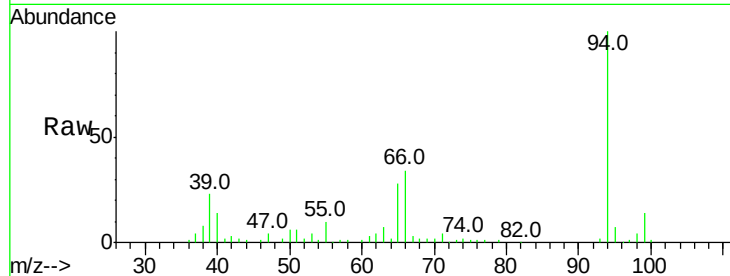




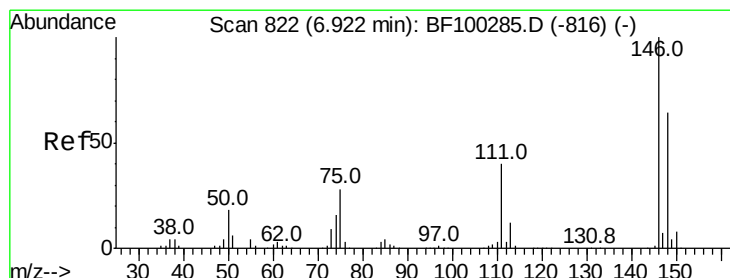
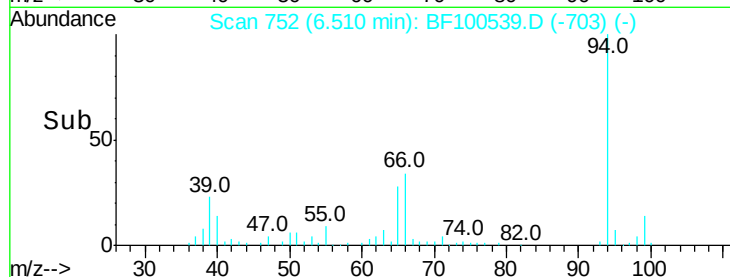
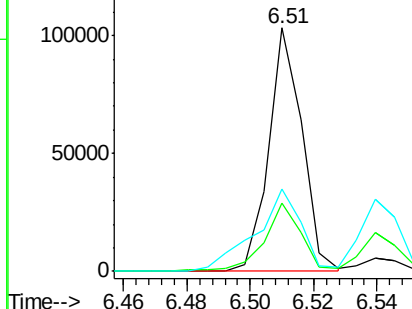
#10
Phenol
Concen: 7.456 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Instrument :
BNA_F
ClientSampled :
FM728

Tot Ion: 94 Resp: 75421
Ion Ratio Lower Upper
94 100
65 27.9 7.9 47.9
66 33.8 16.2 56.2

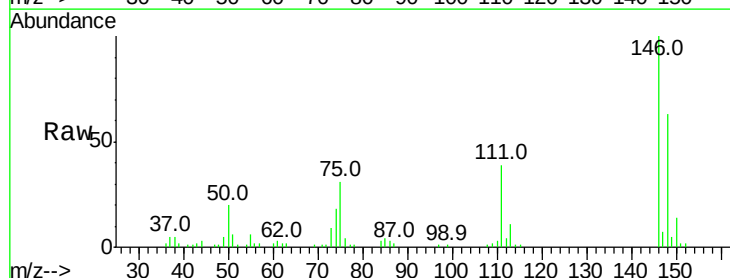


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

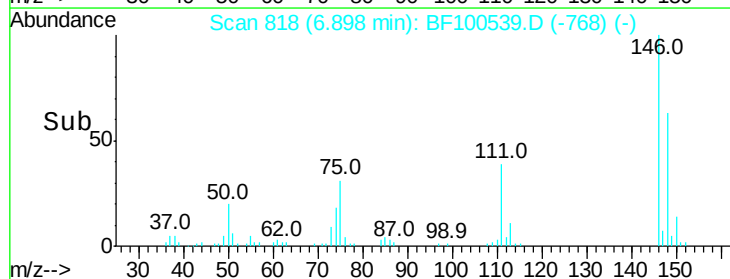
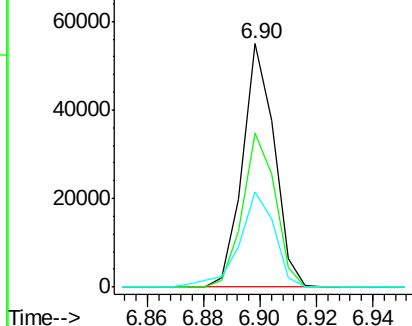


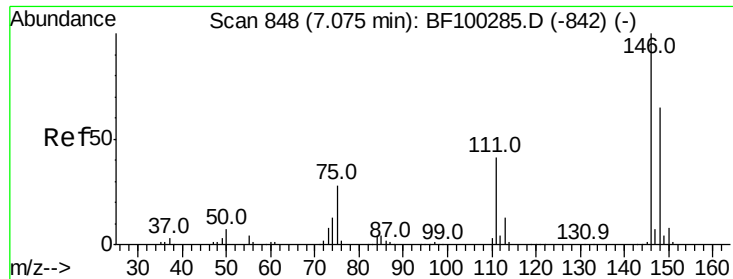
#13
1,4-Dichlorobenzene
Concen: 4.440 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Tgt Ion: 146 Resp: 42827
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 39.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

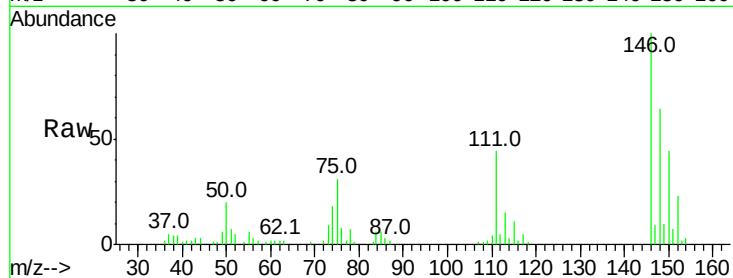




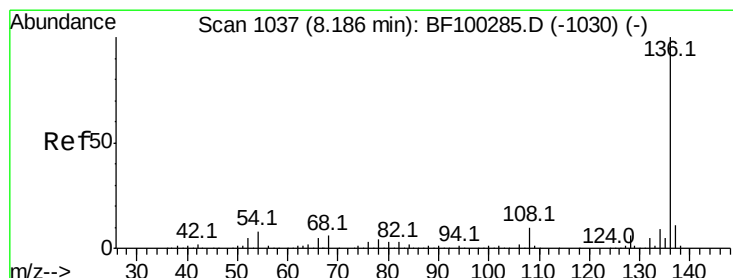
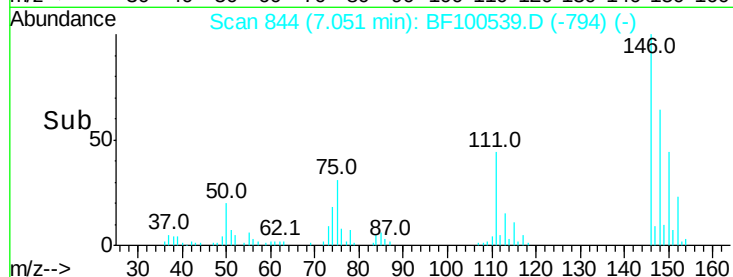
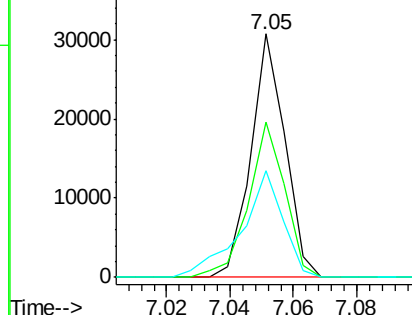
#14
1,2-Dichlorobenzene
Concen: 2.564 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
FM728

Tot Ion:146 Resp: 22866
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 43.9 36.0 54.0

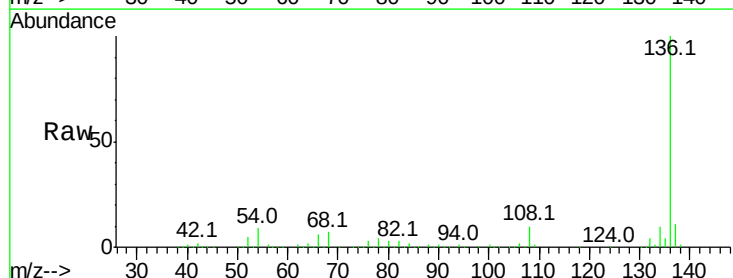


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

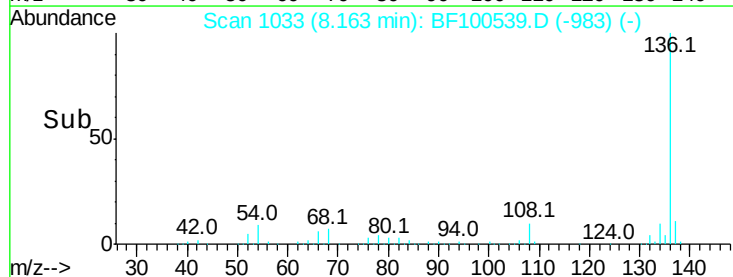
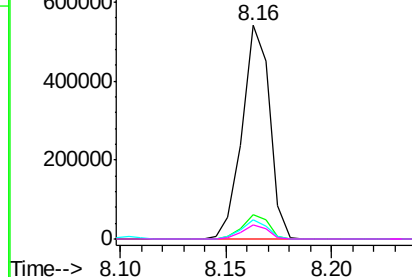


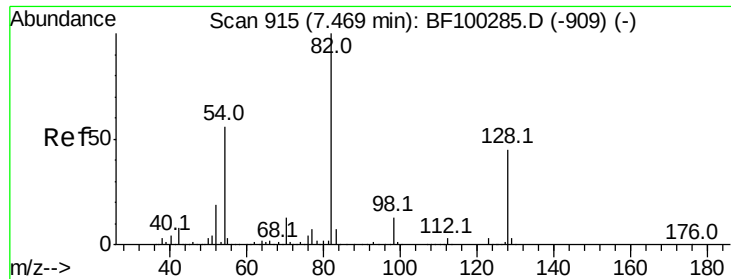
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Tgt Ion:136 Resp: 488773
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.9 6.6 9.8
68 6.5 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

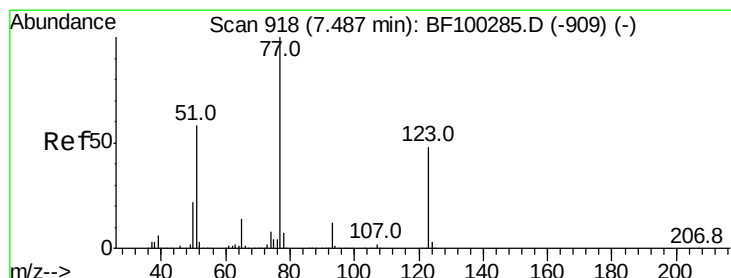
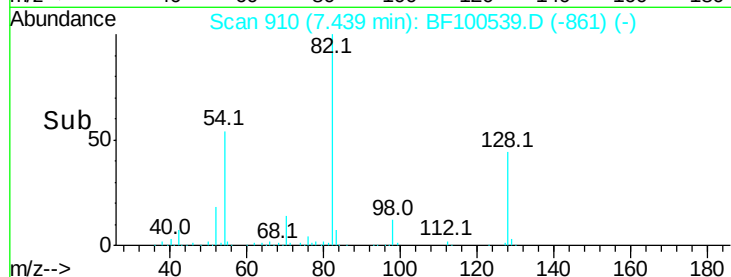
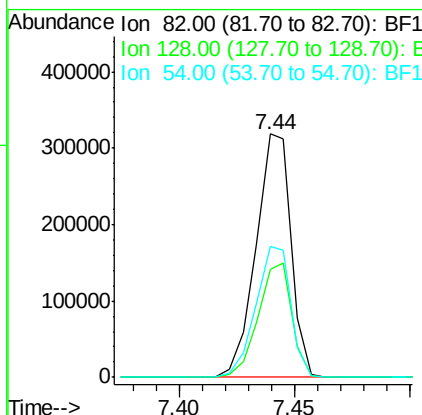
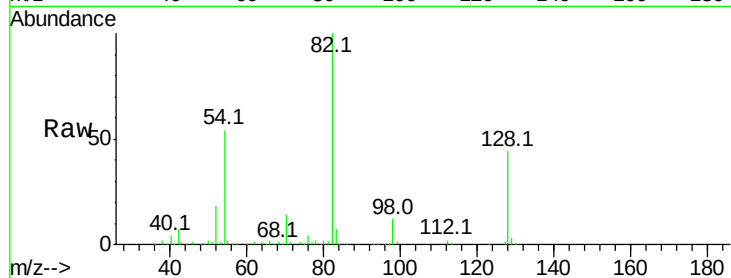




#23
 Nitrobenzene-d5
 Concen: 45.693 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100539.D
 Acq: 14 Nov 2017 13:43

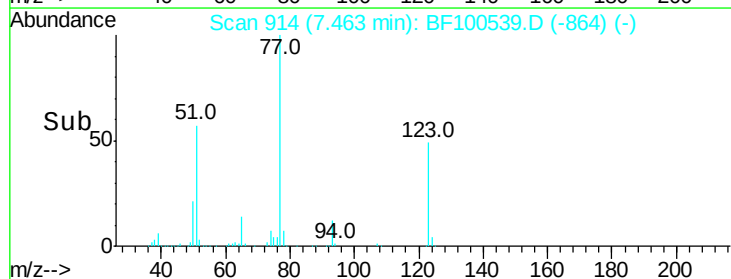
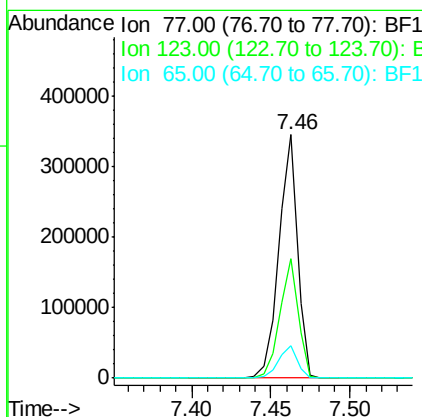
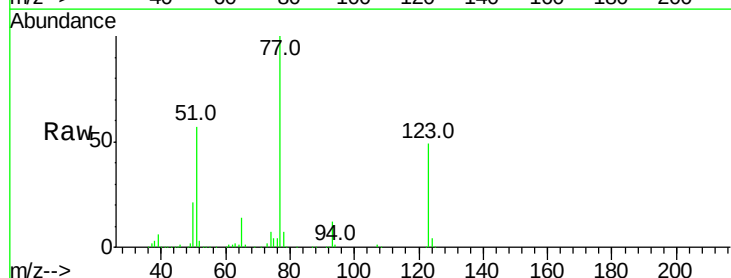
Instrument :
 BNA_F
 ClientSampled :
 FM728

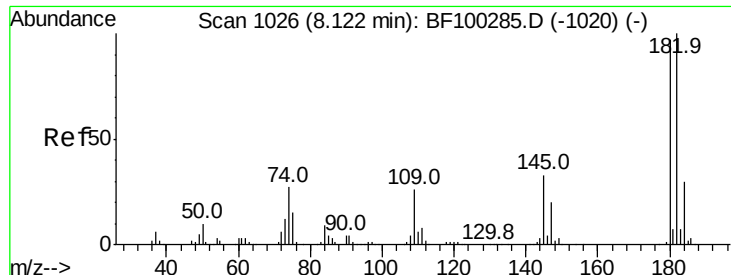
Tot Ion	82	Resp	337806
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	53.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 37.159 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100539.D
 Acq: 14 Nov 2017 13:43

Tgt Ion	77	Resp	282747
Ion Ratio	100	Lower	Upper
123	49.1	37.9	56.9
65	13.5	11.0	16.4

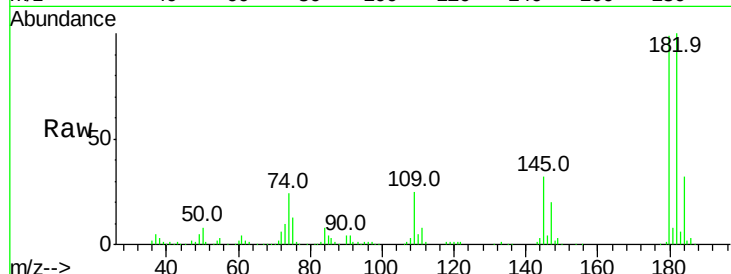




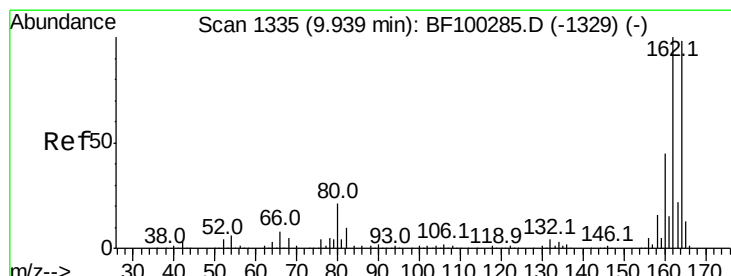
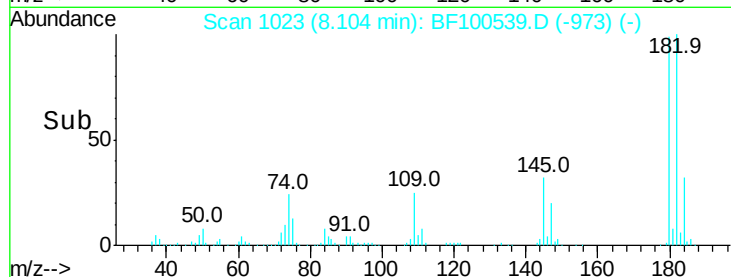
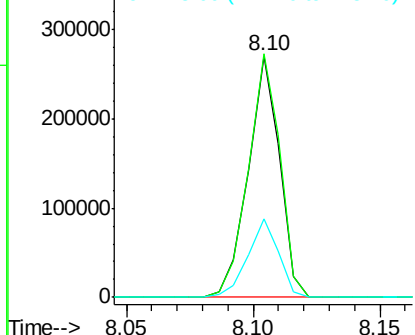
#30
 1,2,4-Trichlorobenzene
 Concen: 32.351 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF100539.D
 Acq: 14 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 FM728

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.8	115.2
145	32.3	26.5	39.7

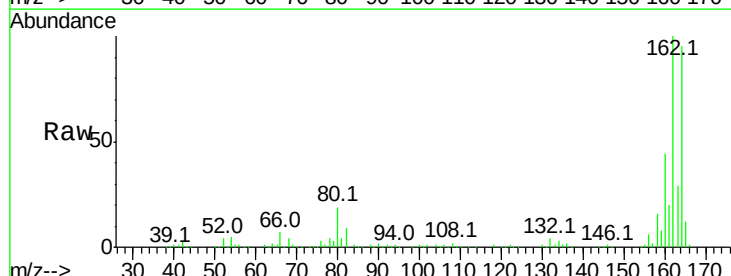


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

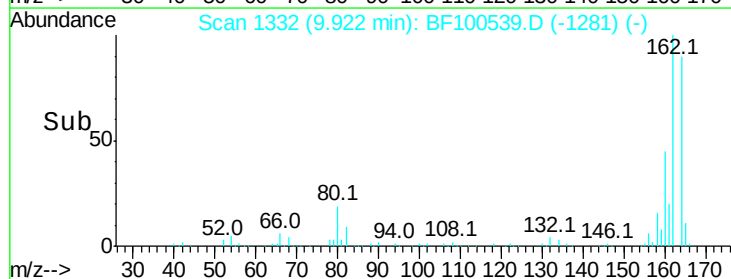
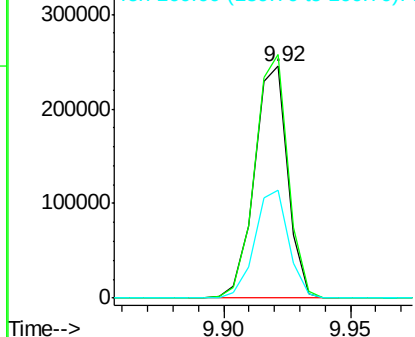


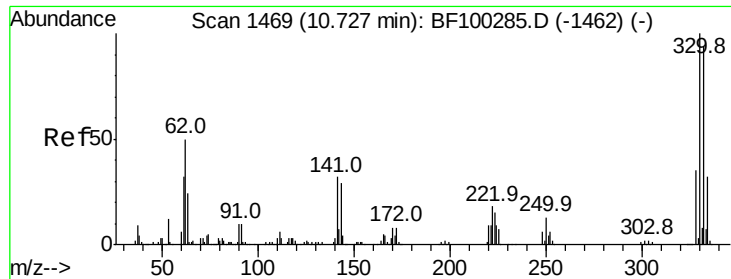
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100539.D
 Acq: 14 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.7	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

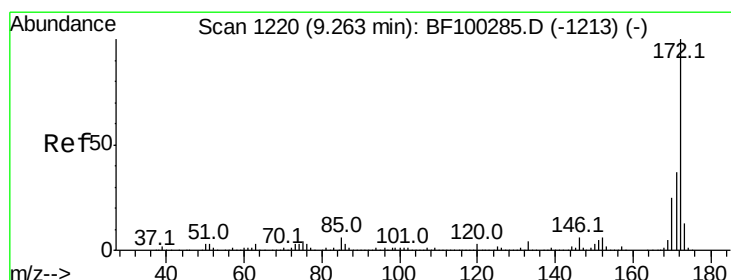
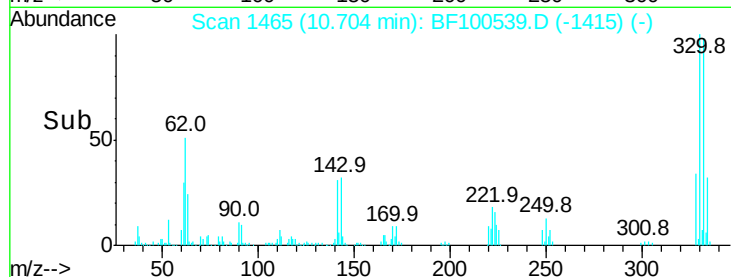
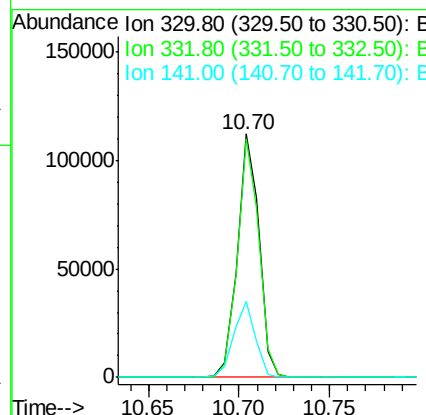
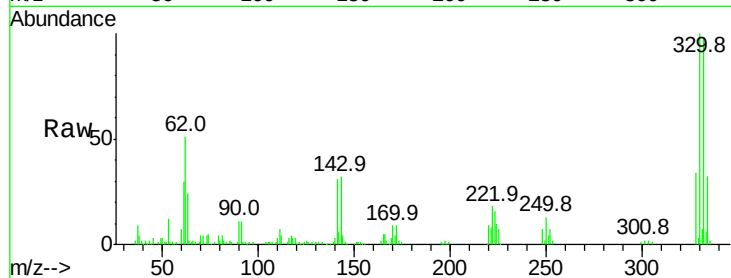




#41
 2,4,6-Tribromophenol
 Concen: 40.939 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100539.D
 Acq: 14 Nov 2017 13:43

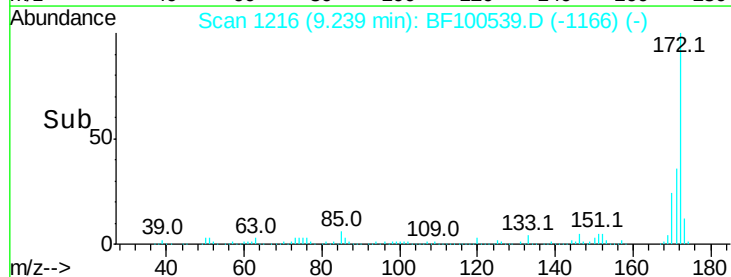
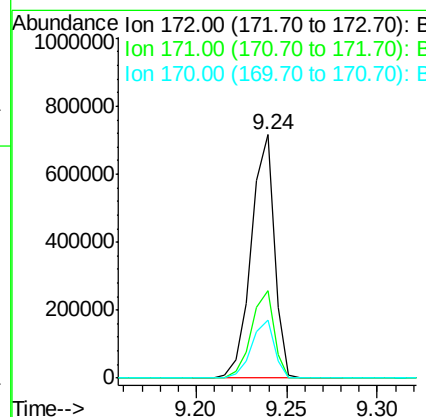
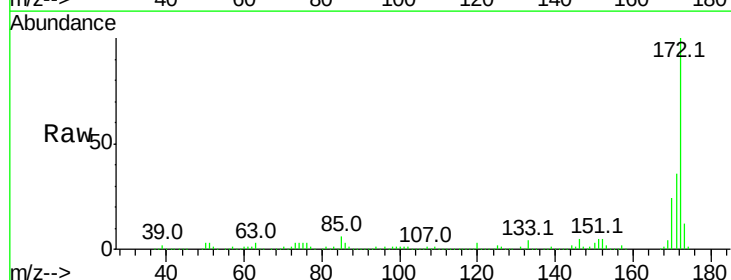
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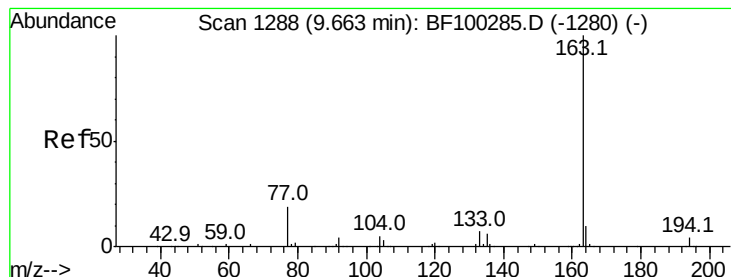
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 43.098 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100539.D
 Acq: 14 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 17.083 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100539.D

Acq: 14 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

FM728

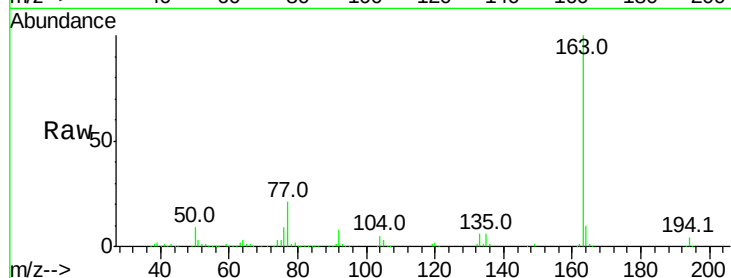
Tot Ion:163 Resp: 292222

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

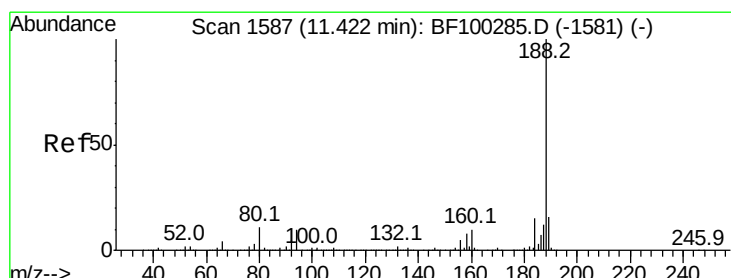
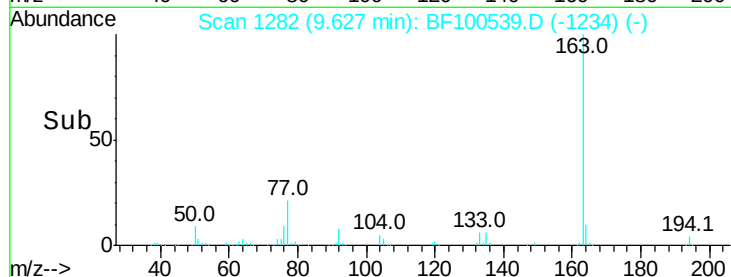
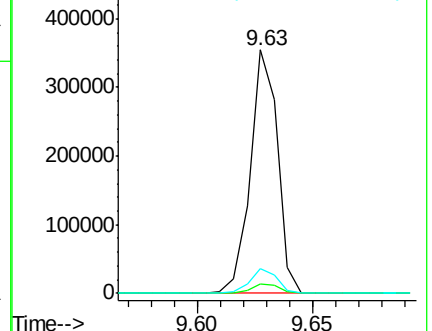
164 10.0 8.2 12.2



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100539.D

Acq: 14 Nov 2017 13:43

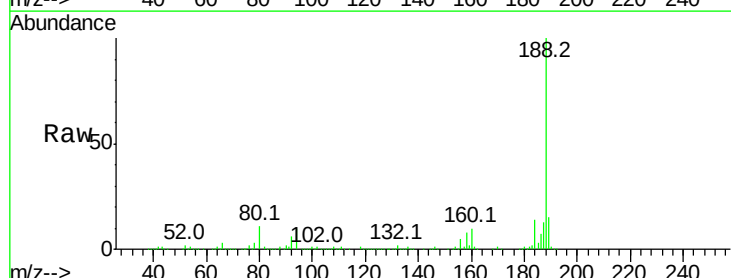
Tgt Ion:188 Resp: 393836

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

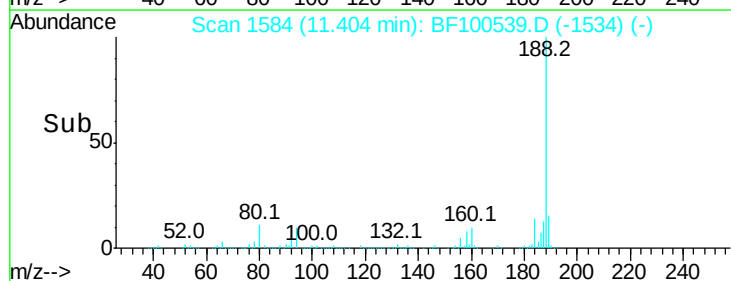
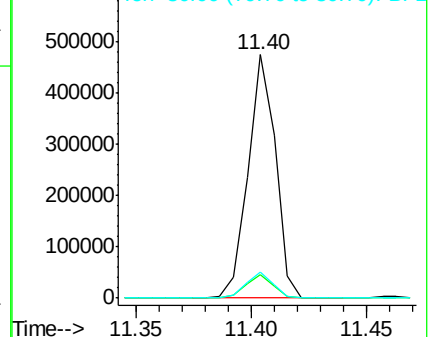
80 10.9 9.2 13.8

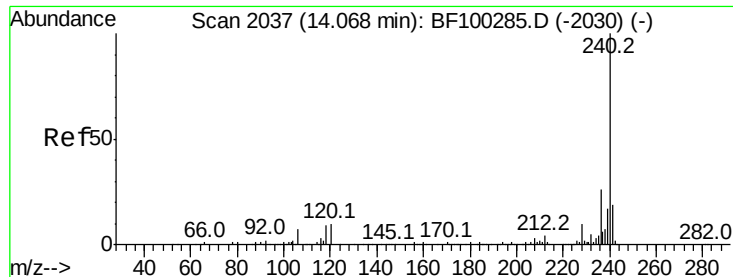


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100539.D

Acq: 14 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

FM728

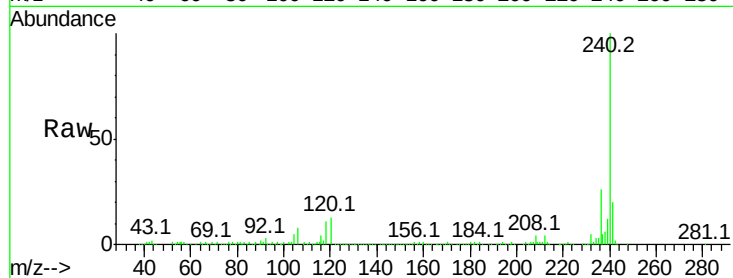
Tot Ion:240 Resp: 275201

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

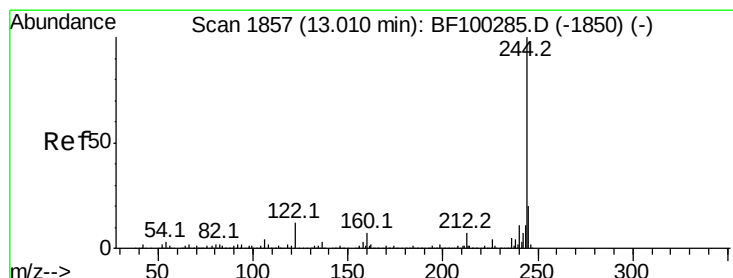
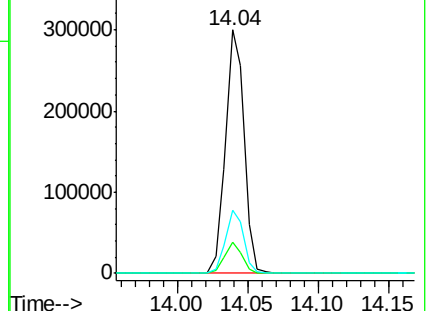
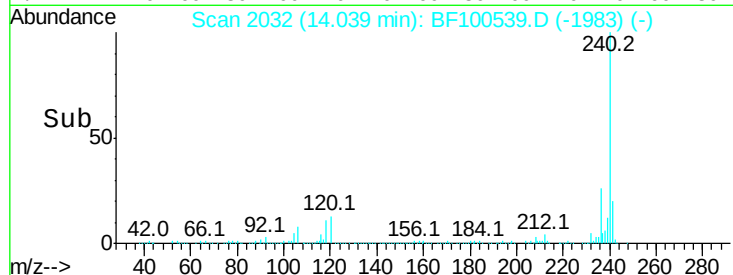
236 25.8 20.7 31.1



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: 41.377 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100539.D

Acq: 14 Nov 2017 13:43

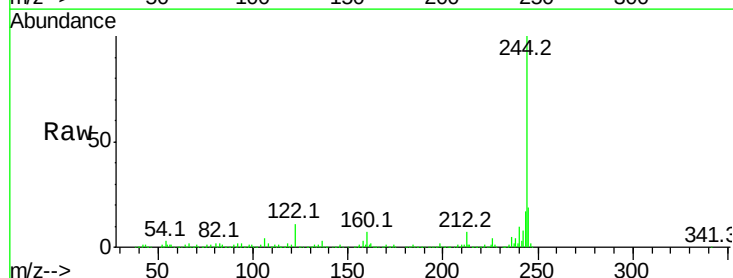
Tgt Ion:244 Resp: 495575

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

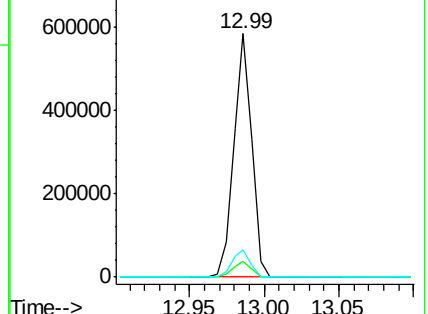
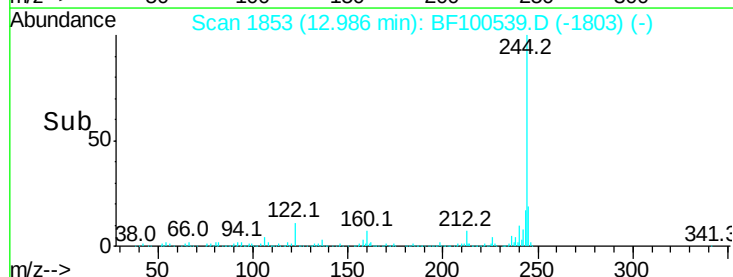
122 11.4 11.0 16.4

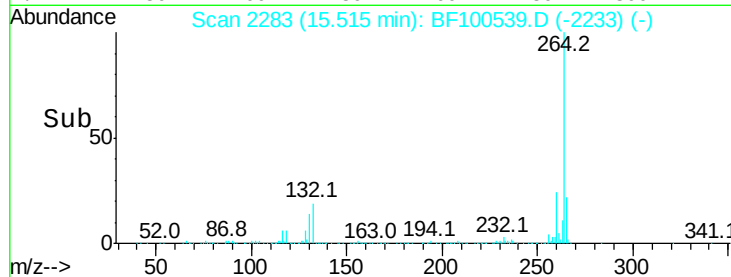
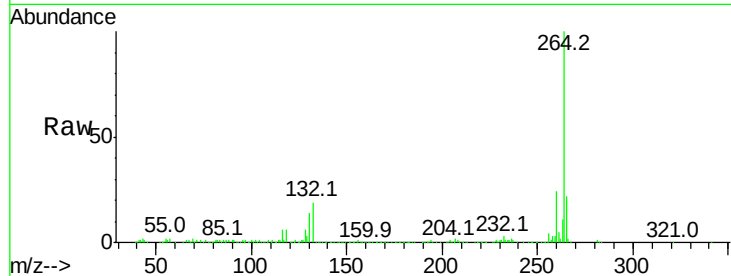
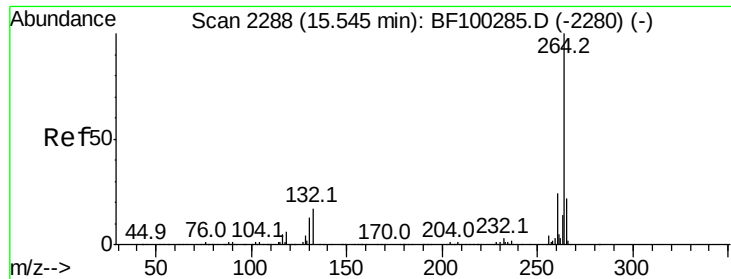


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100539.D
Acq: 14 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
FM728

Tot Ion:	264	Resp:	273946
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

