

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100008.D
 Acq On : 31 Oct 2017 17:33
 Operator : SJ/JU
 Sample : I6209-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-A

Quant Time: Nov 01 04:59:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

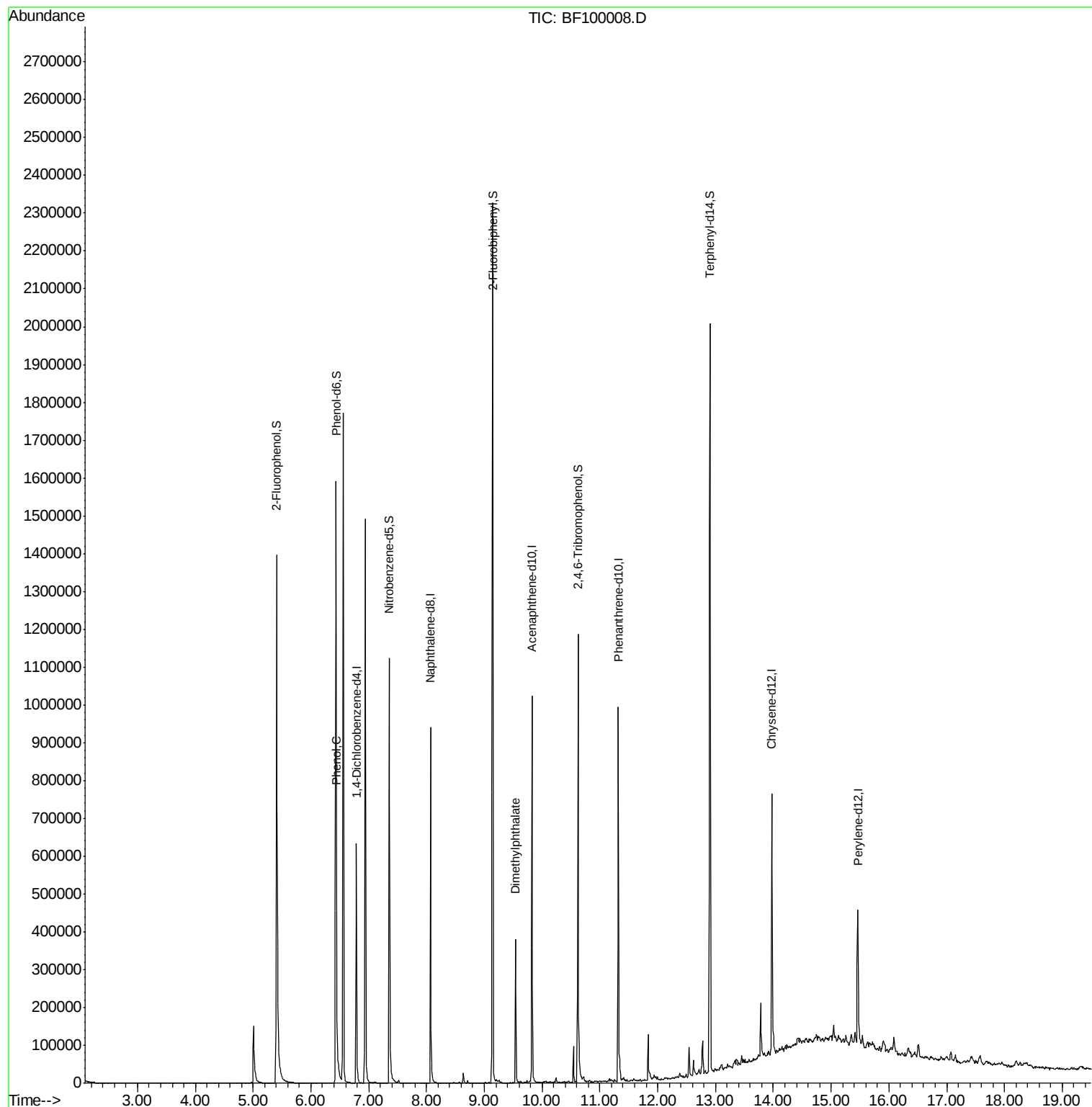
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105131	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	442539	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	213501	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	373661	20.00	ng	0.00
75) Chrysene-d12	13.97	240	233372	20.00	ng	-0.01
86) Perylene-d12	15.46	264	183721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	555132	82.90	ng	0.00
7) Phenol-d6	6.43	99	673863	84.87	ng	0.00
23) Nitrobenzene-d5	7.36	82	390350	56.79	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	164125	84.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	771025	55.72	ng	0.00
78) Terphenyl-d14	12.90	244	670761	62.81	ng	0.00
Target Compounds						
10) Phenol	6.45	94	36044	4.135	ng	91
49) Dimethylphthalate	9.54	163	162989	9.640	ng	100

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

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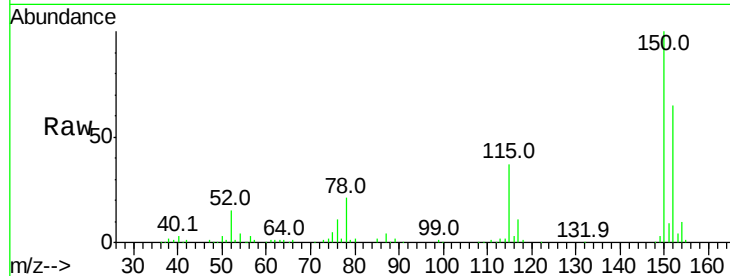


#1

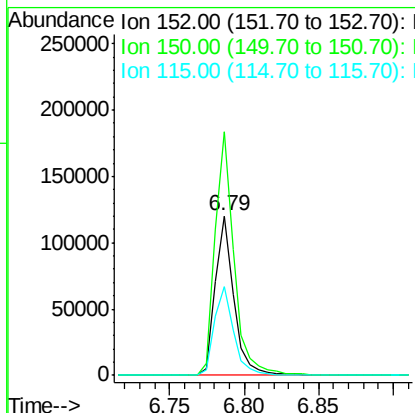
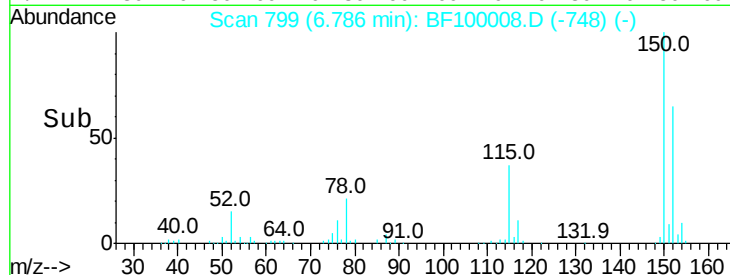
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-A

Tot Ion:152 Resp: 105131
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.6 186.8
 115 56.0 50.1 75.1



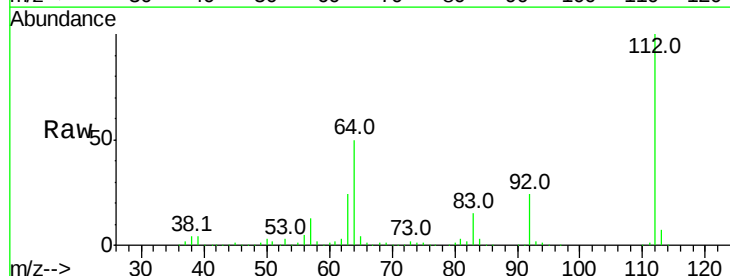
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



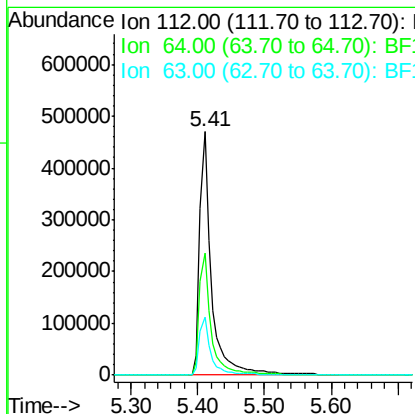
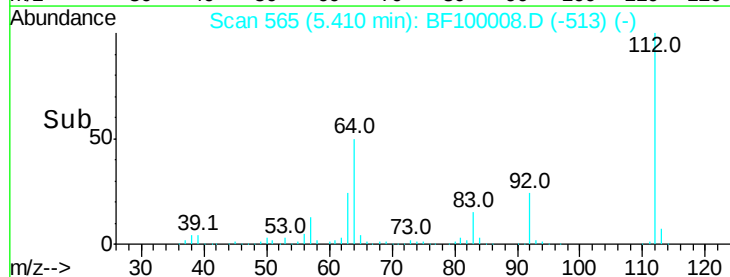
#5

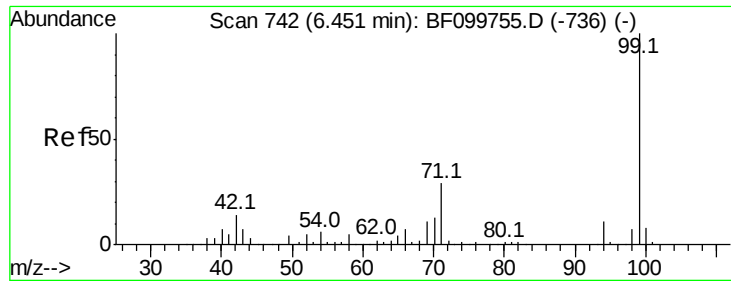
2-Fluorophenol
 Concen: 82.900 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

Tgt Ion:112 Resp: 555132
 Ion Ratio Lower Upper
 112 100
 64 50.0 47.9 71.9
 63 23.7 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: 84.869 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100008.D

Acq: 31 Oct 2017 17:33

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-002-A

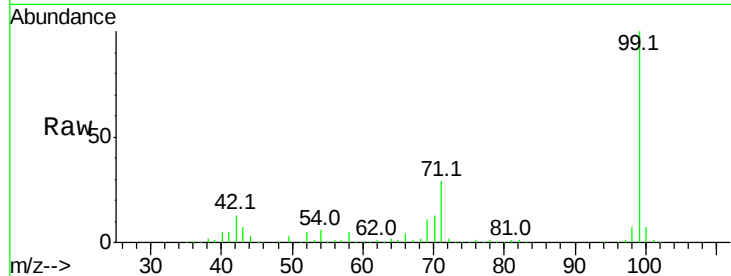
Tot Ion: 99 Resp: 673863

Ion Ratio Lower Upper

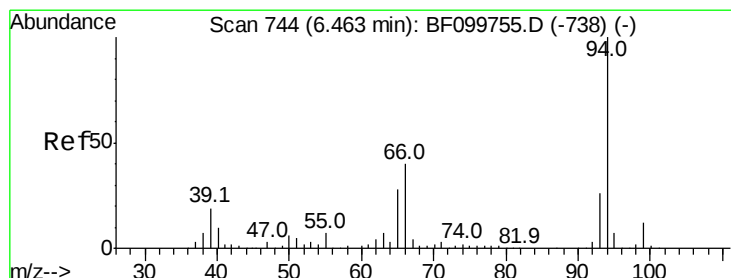
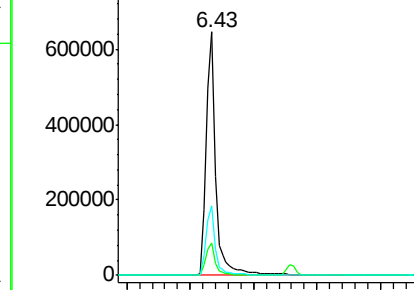
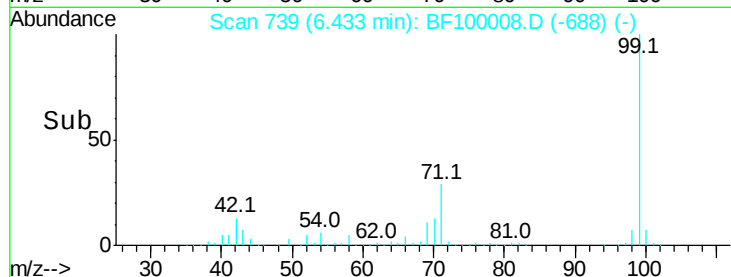
99 100

42 13.4 14.5 21.7#

71 28.5 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



#10

Phenol

Concen: 4.135 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF100008.D

Acq: 31 Oct 2017 17:33

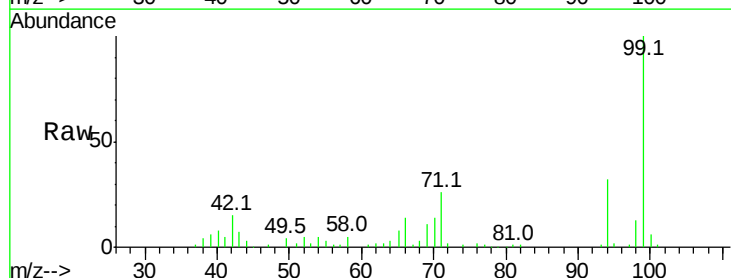
Tgt Ion: 94 Resp: 36044

Ion Ratio Lower Upper

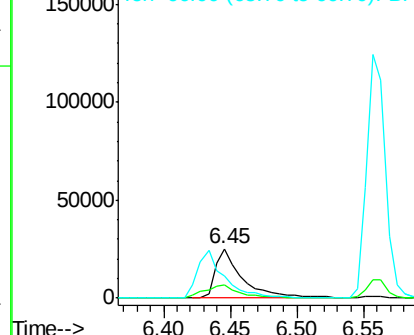
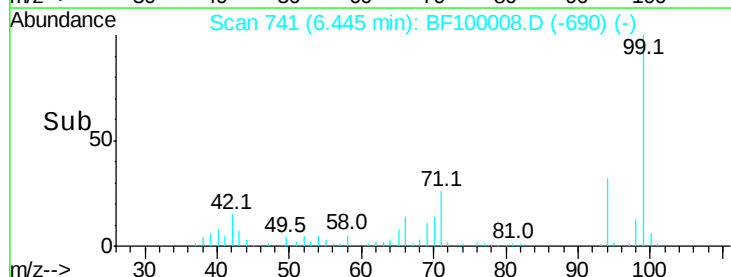
94 100

65 26.1 7.9 47.9

66 44.6 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

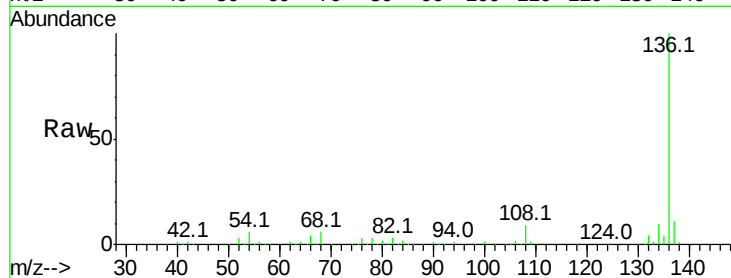




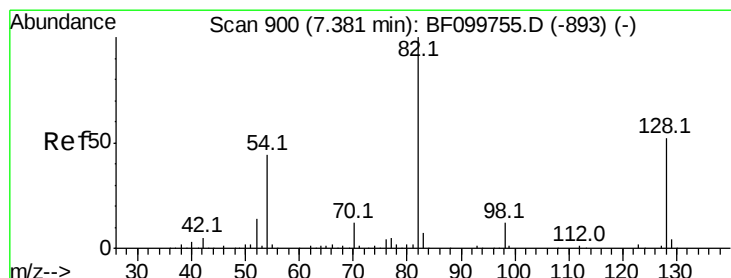
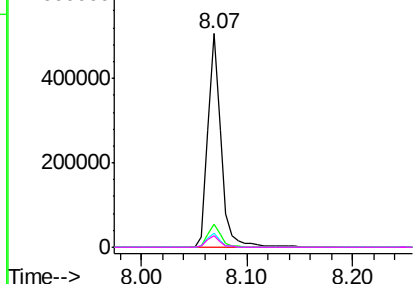
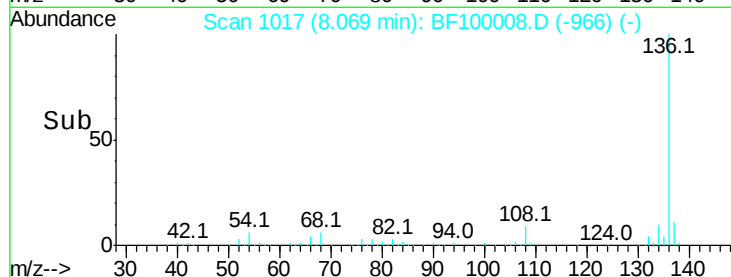
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion:	136	Resp:	442539
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4

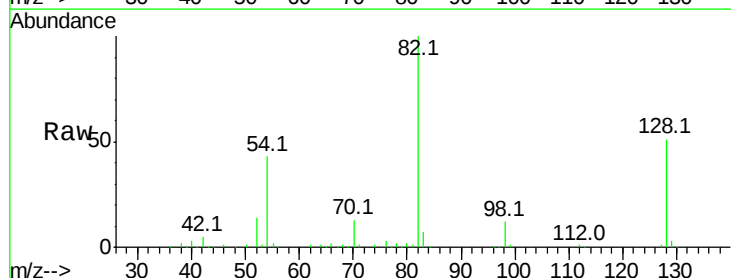


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

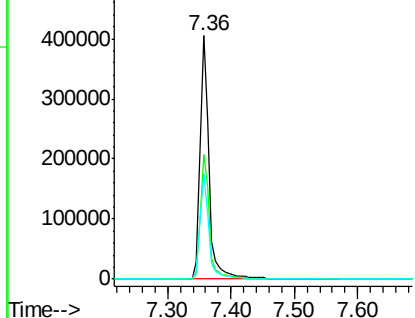
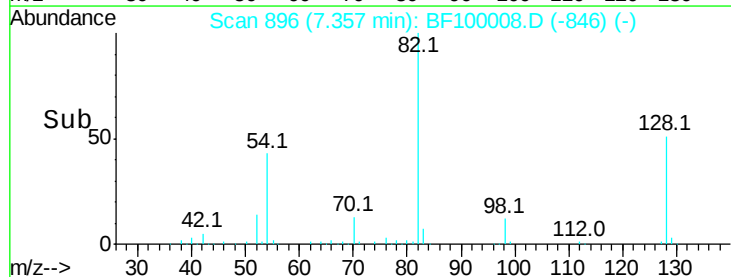


#23
Nitrobenzene-d5
Concen: 56.788 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:	82	Resp:	390350
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.1	41.4	62.2



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

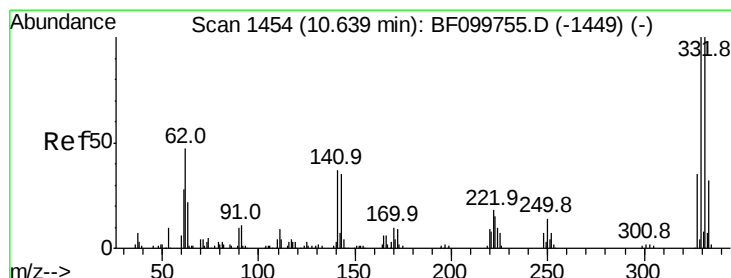
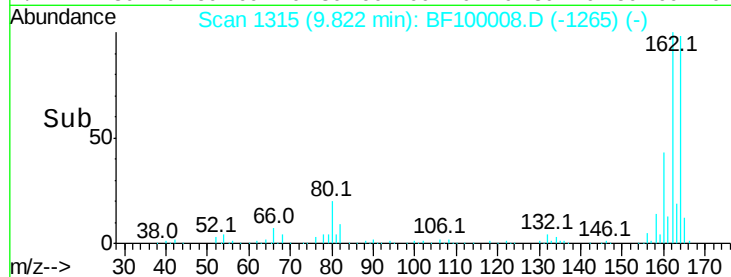
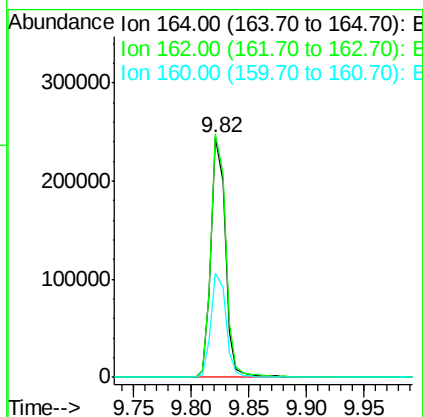
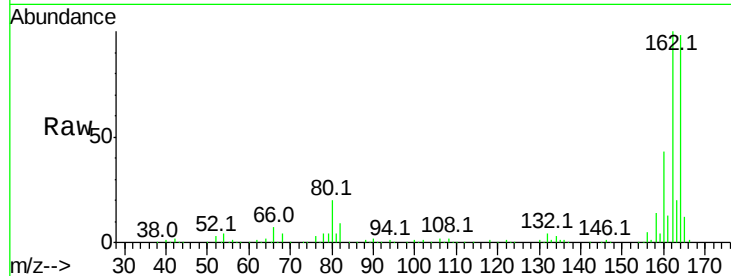




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

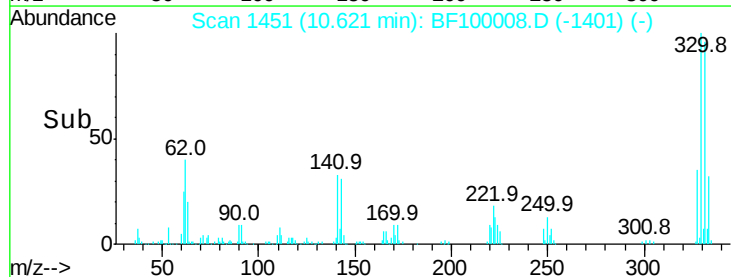
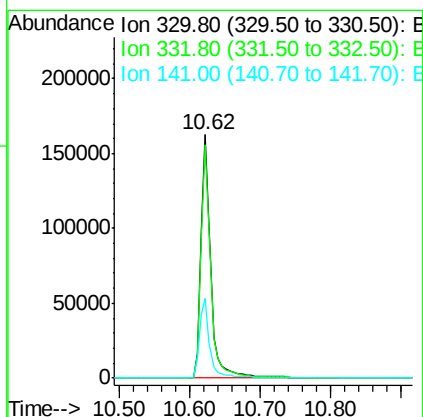
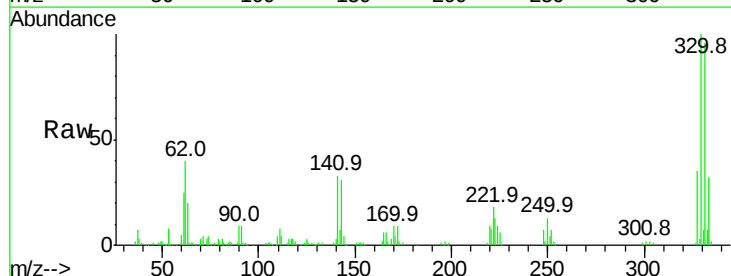
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion:164 Resp: 213501
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 43.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 84.354 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:330 Resp: 164125
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 33.6 29.9 44.9

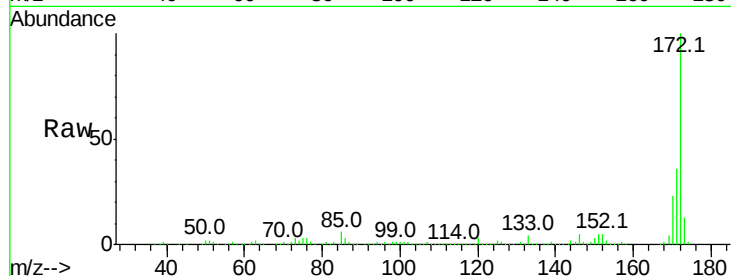




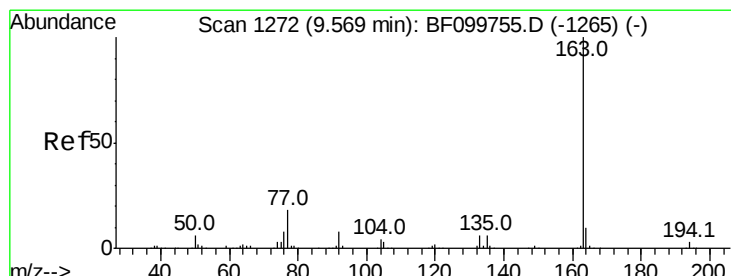
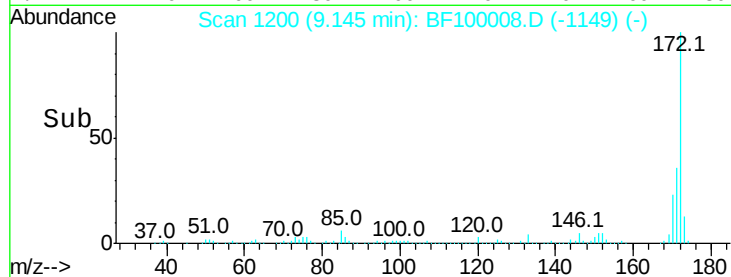
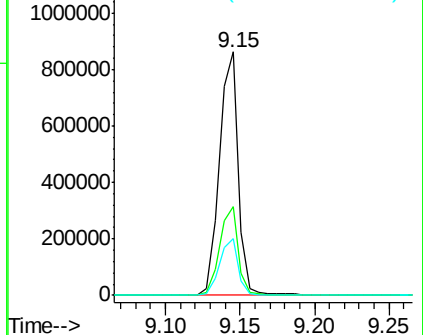
#44
 2-Fluorobiphenyl
 Concen: 55.717 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.3	19.6	29.4

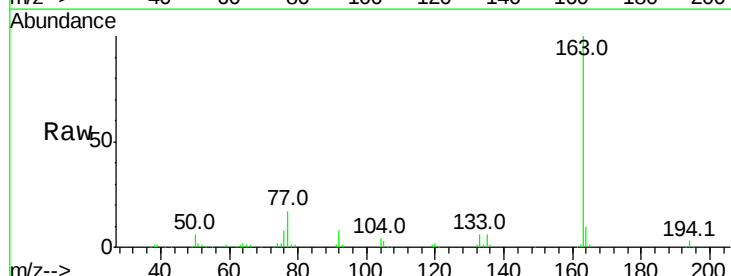


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

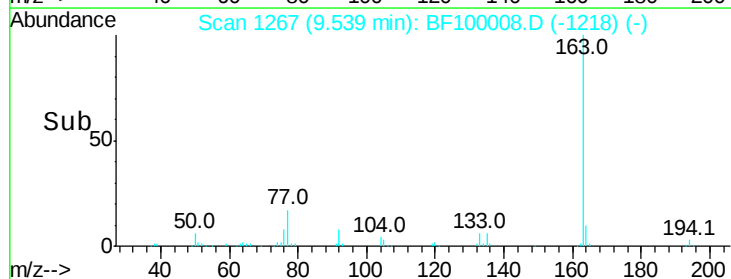
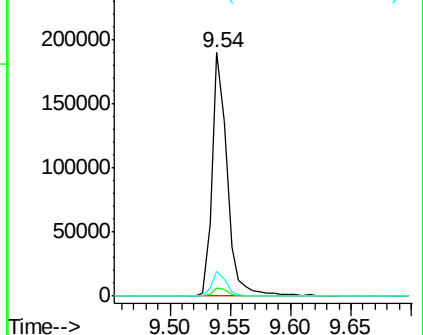


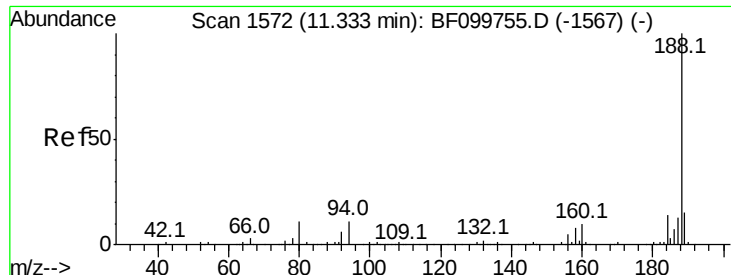
#49
 Dimethylphthalate
 Concen: 9.640 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF100008.D
 Acq: 31 Oct 2017 17:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	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

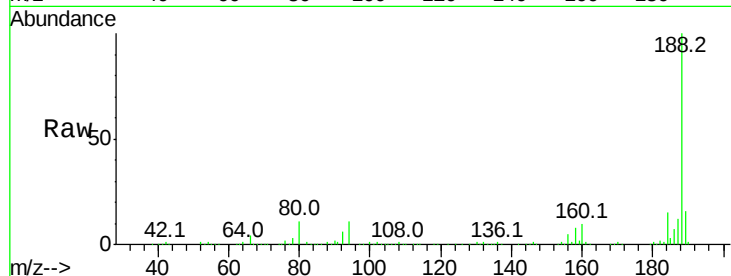




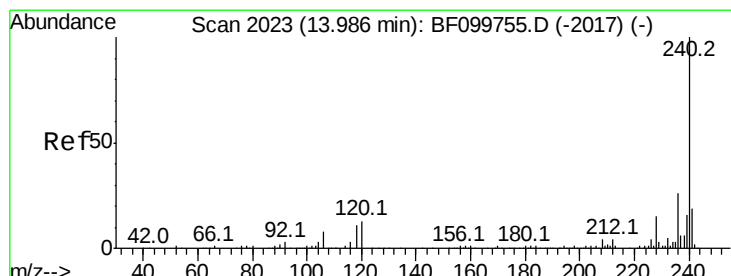
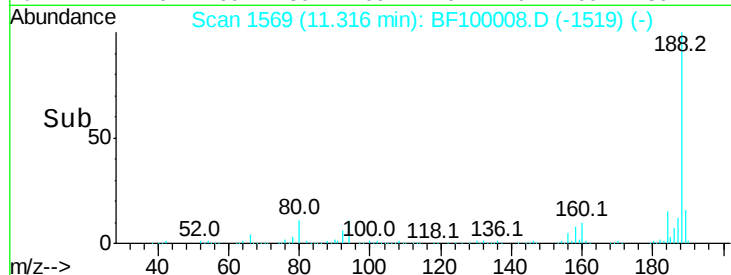
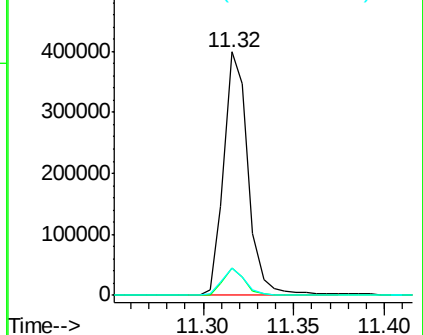
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion:188 Resp: 373661
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.4 9.2 13.8

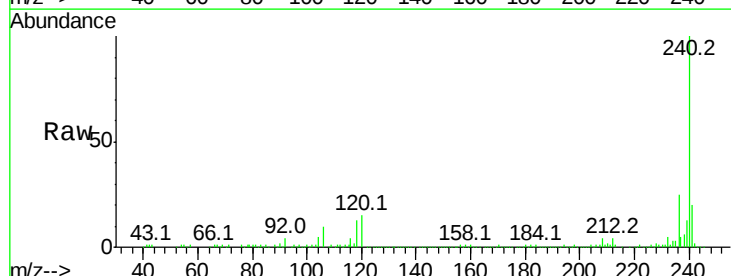


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

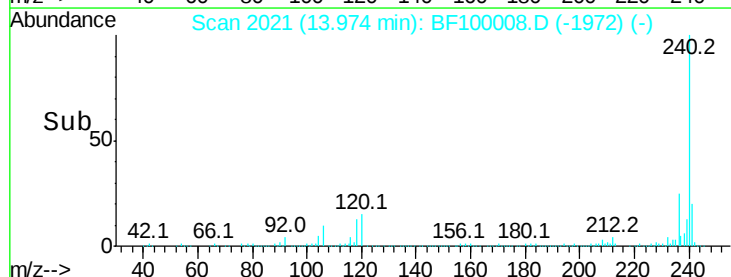
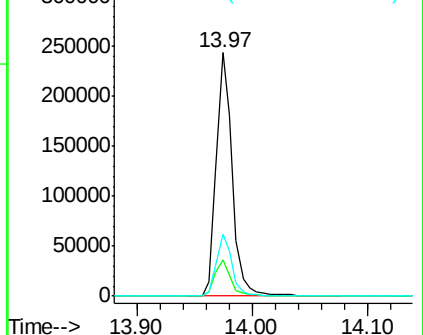


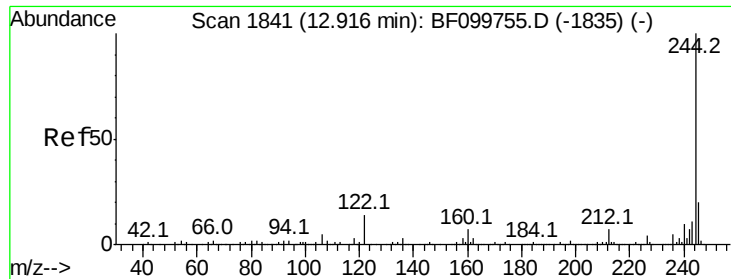
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100008.D
Acq: 31 Oct 2017 17:33

Tgt Ion:240 Resp: 233372
Ion Ratio Lower Upper
240 100
120 14.6 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: 62.812 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF100008.D

Acq: 31 Oct 2017 17:33

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-002-A

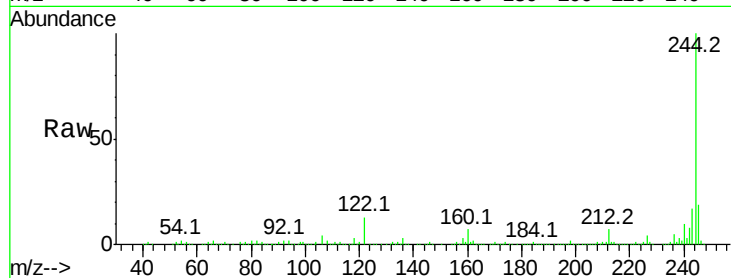
Tot Ion:244 Resp: 670761

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

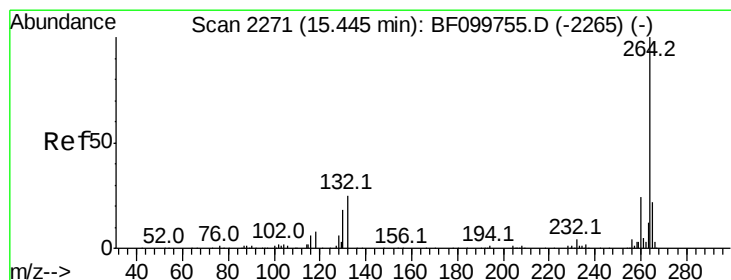
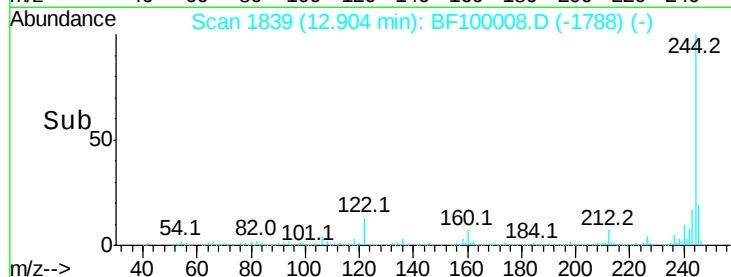
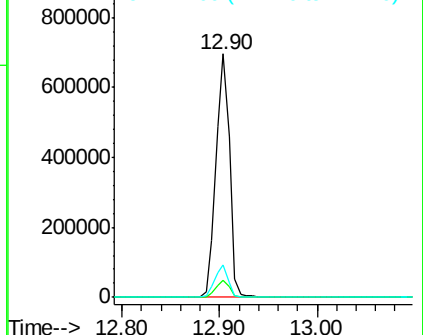
122 13.3 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF100008.D

Acq: 31 Oct 2017 17:33

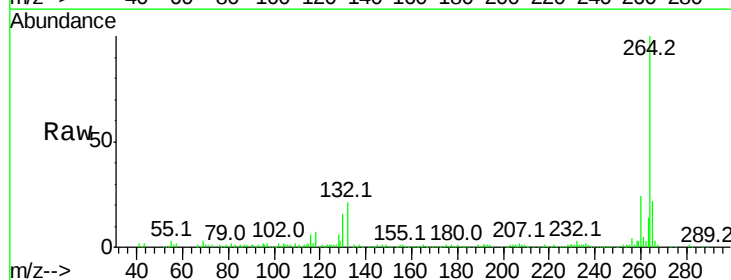
Tgt Ion:264 Resp: 183721

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

