

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100010.D
 Acq On : 31 Oct 2017 18:25
 Operator : SJ/JU
 Sample : I6210-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-020

Quant Time: Nov 01 05:17:38 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

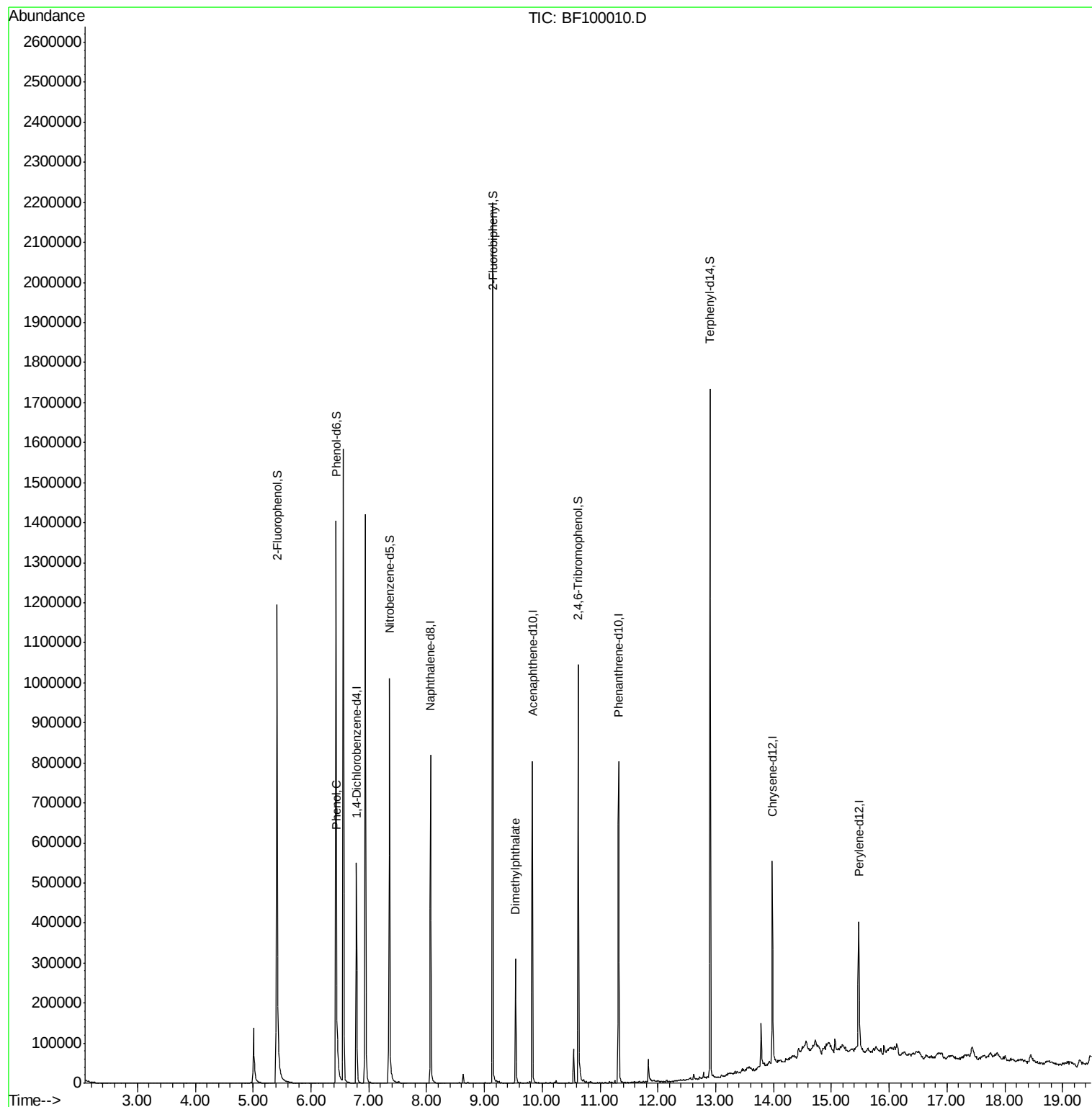
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89129	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	370656	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	172870	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	292006	20.00	ng	0.00
75) Chrysene-d12	13.98	240	174467	20.00	ng	0.00
86) Perylene-d12	15.47	264	156754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	481655	84.84	ng	0.00
7) Phenol-d6	6.43	99	594282	88.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	340894	59.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	139741	88.70	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	699816	62.46	ng	0.00
78) Terphenyl-d14	12.90	244	558120	69.91	ng	0.00
Target Compounds						
10) Phenol	6.45	94	29777	4.029	ng	92
49) Dimethylphthalate	9.54	163	134047	9.792	ng	100

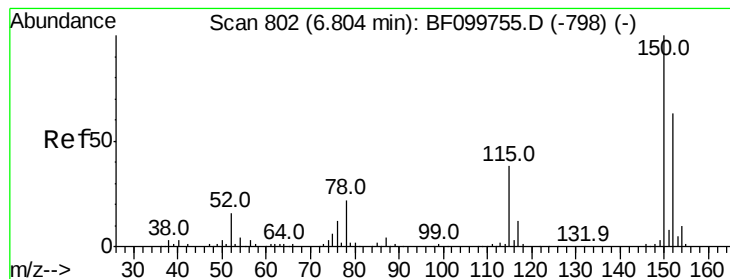
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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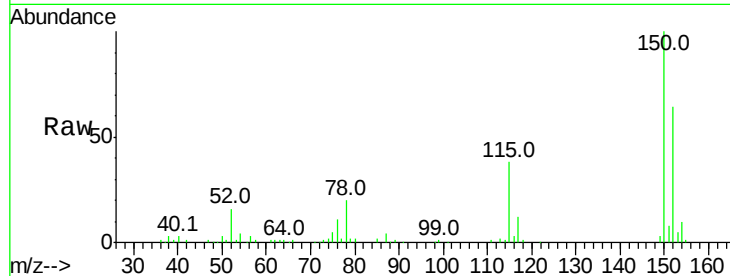


#1

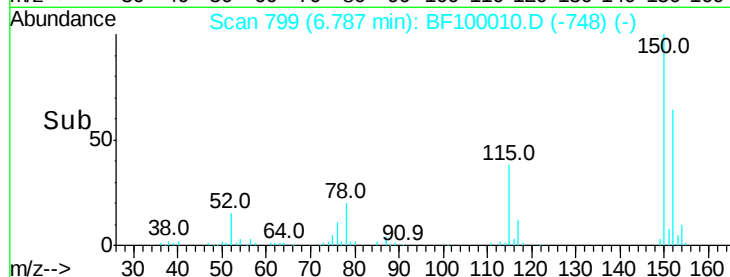
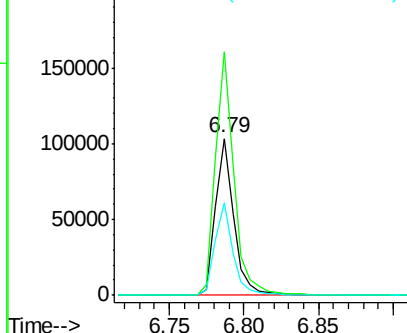
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-020

Tot Ion:152 Resp: 89129
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.6 50.1 75.1



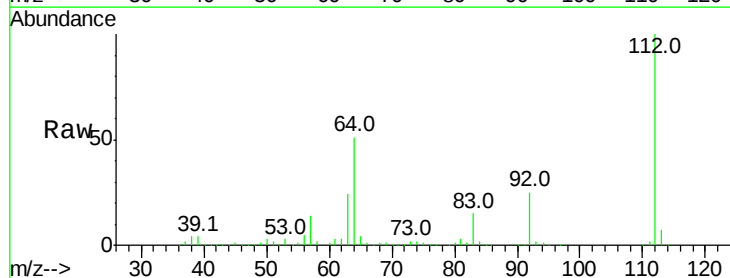
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



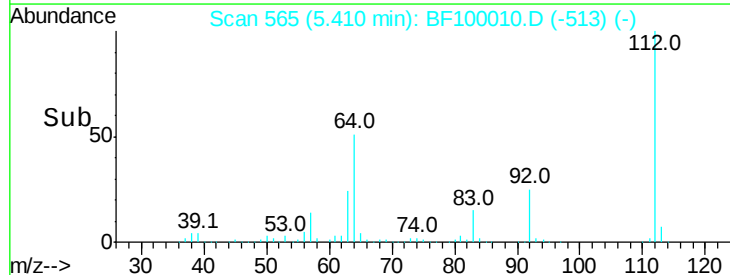
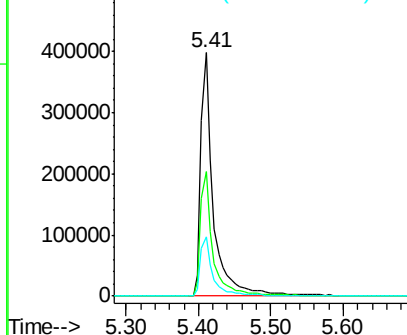
#5

2-Fluorophenol
Concen: 84.841 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Tgt Ion:112 Resp: 481655
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 24.1 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: 88.284 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100010.D

Acq: 31 Oct 2017 18:25

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-020

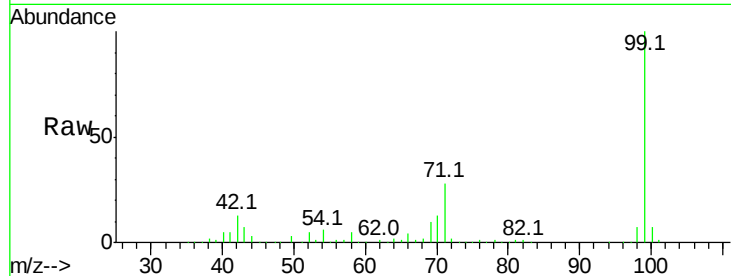
Tot Ion: 99 Resp: 594282

Ion Ratio Lower Upper

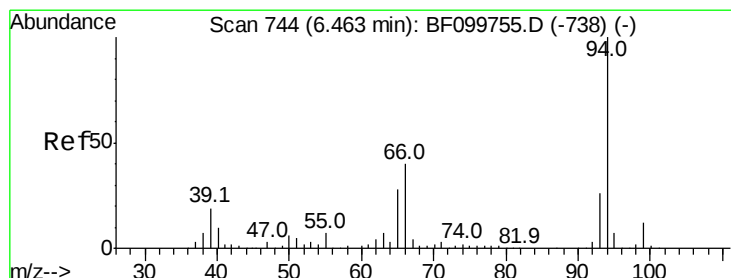
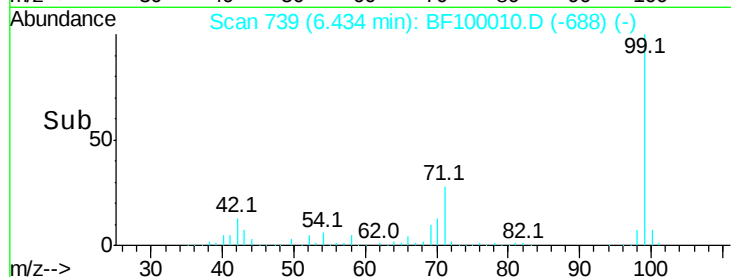
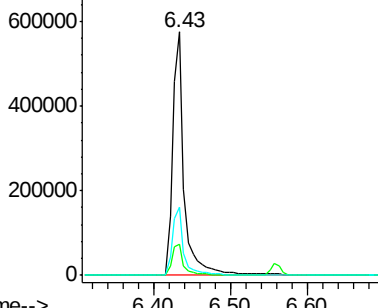
99 100

42 12.9 14.5 21.7#

71 27.8 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: 4.029 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF100010.D

Acq: 31 Oct 2017 18:25

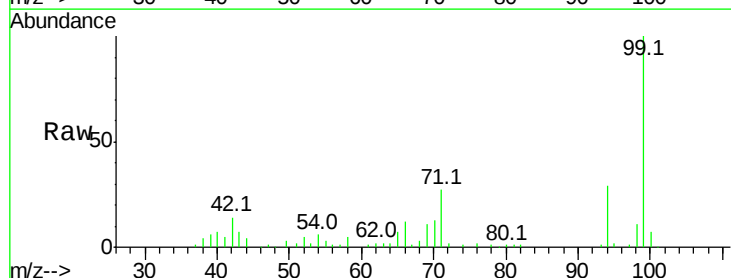
Tgt Ion: 94 Resp: 29777

Ion Ratio Lower Upper

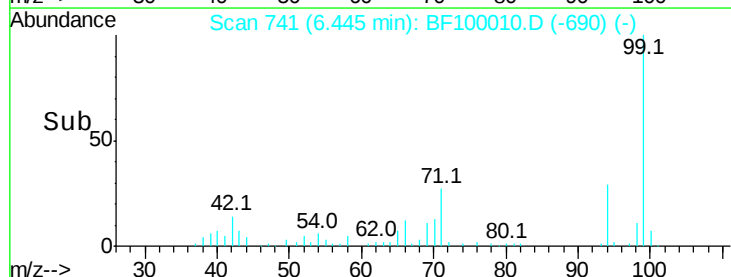
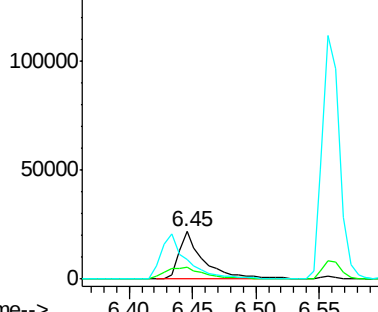
94 100

65 24.7 7.9 47.9

66 41.7 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

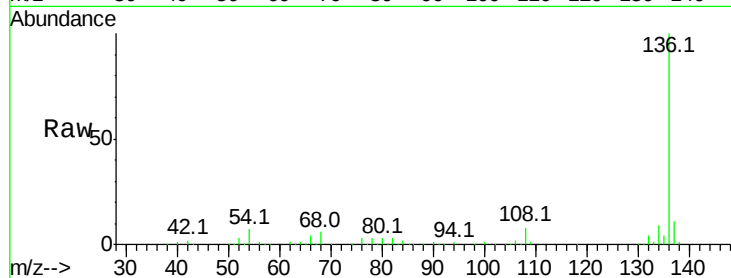




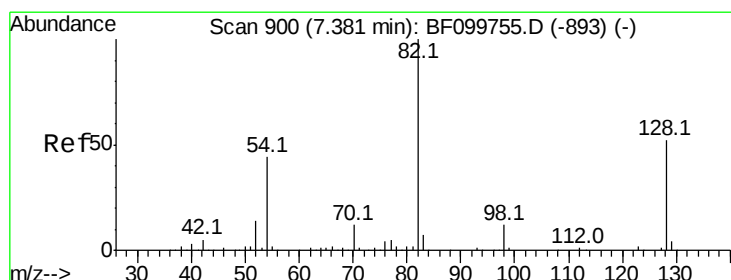
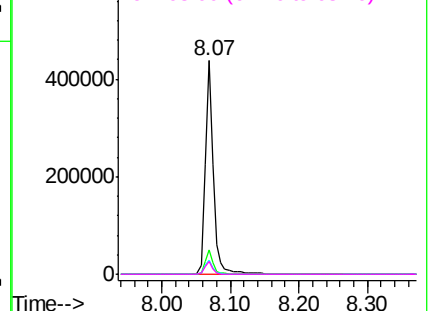
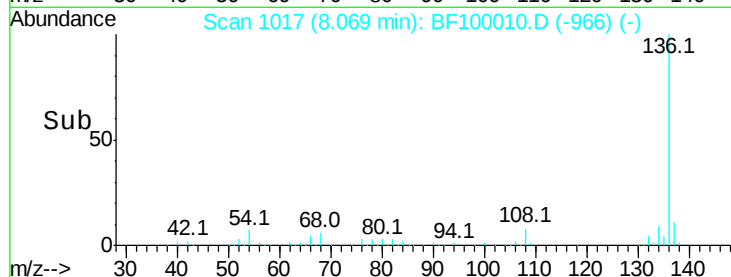
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-020

Tot Ion:	136	Resp:	370656
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.7	6.6	9.8
68	5.8	5.0	7.4

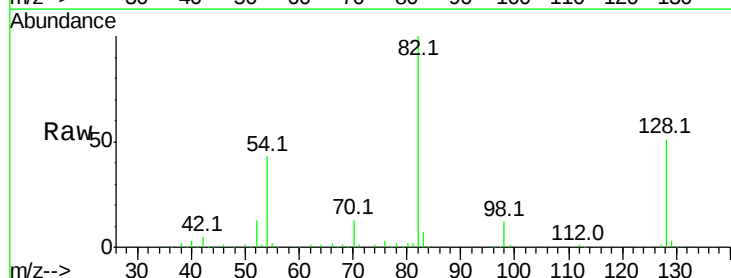


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

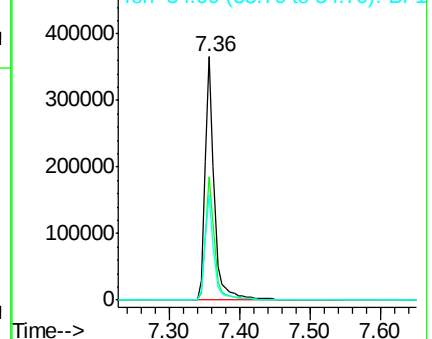
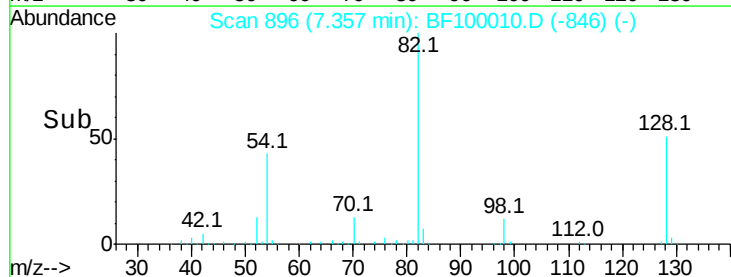


#23
Nitrobenzene-d5
Concen: 59.211 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Tgt Ion:	82	Resp:	340894
Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	43.3	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

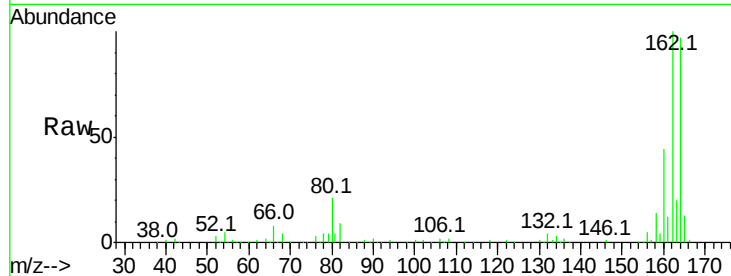




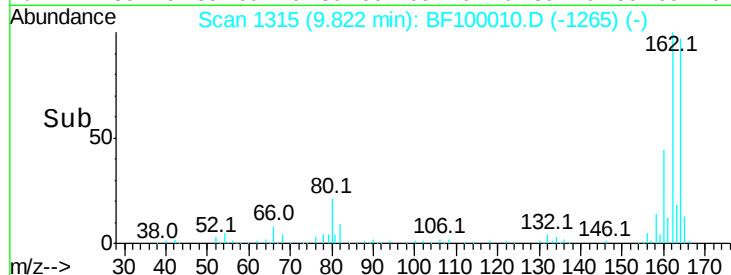
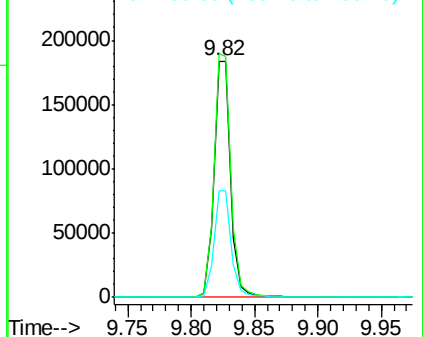
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-020

Tot Ion:164 Resp: 172870
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.1 38.3 57.5

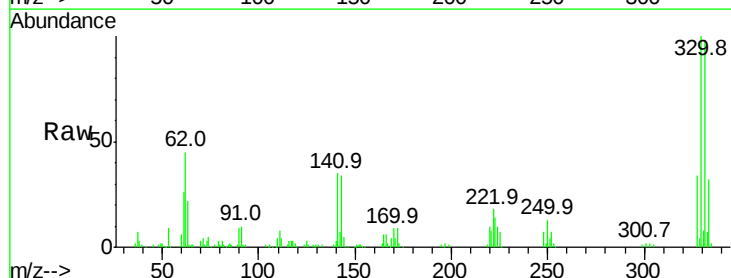


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

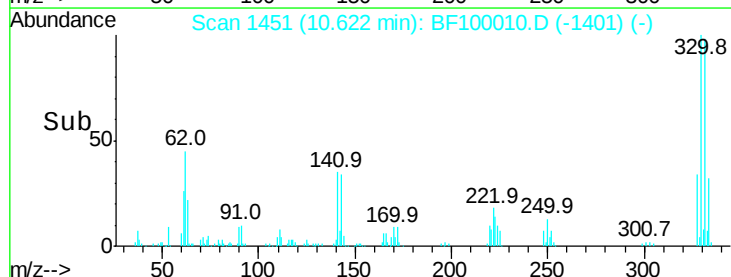
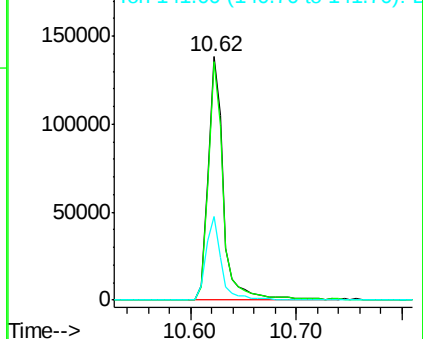


#41
2,4,6-Tribromophenol
Concen: 88.702 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Tgt Ion:330 Resp: 139741
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 34.4 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

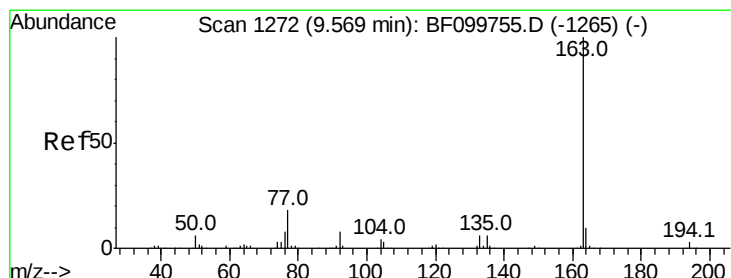
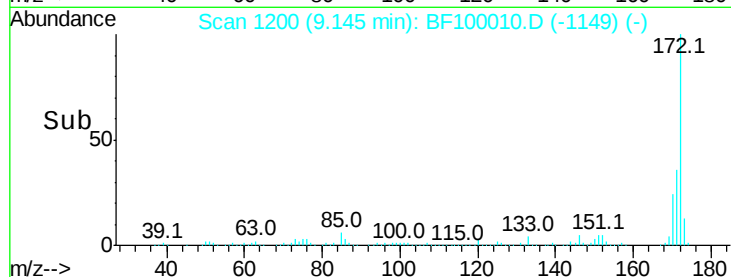
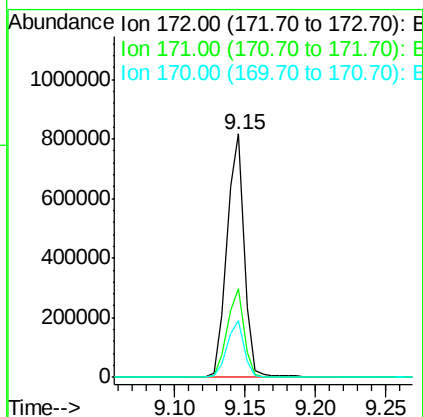
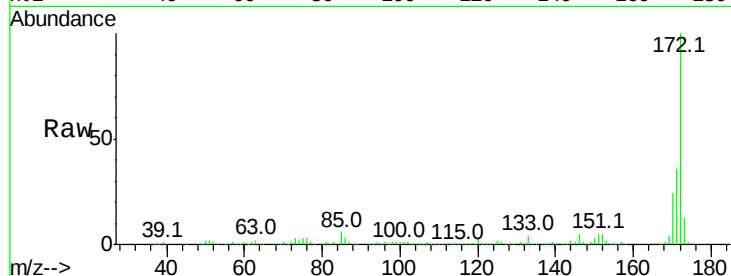




#44
2-Fluorobiphenyl
Concen: 62.458 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

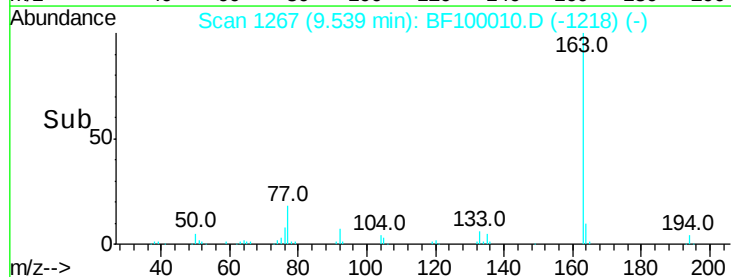
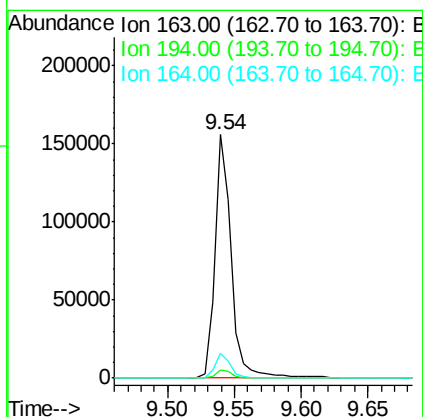
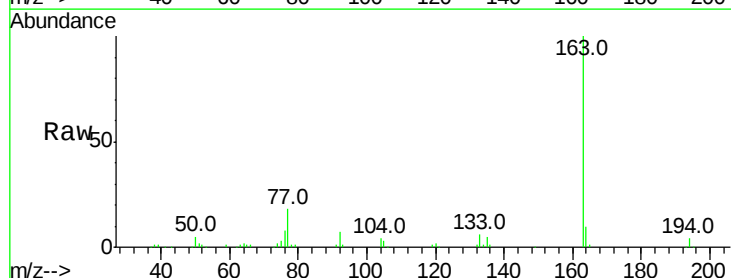
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-020

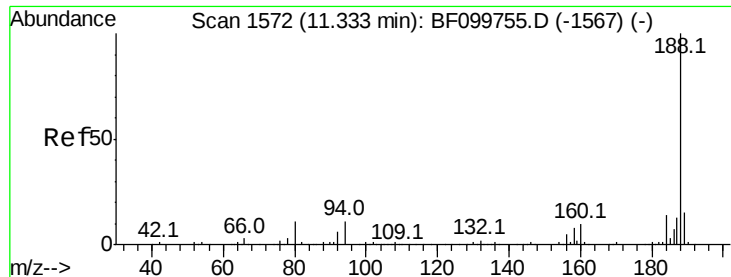
Tot Ion:172 Resp: 699816
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 9.792 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100010.D
Acq: 31 Oct 2017 18:25

Tgt Ion:163 Resp: 134047
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF100010.D

Acq: 31 Oct 2017 18:25

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-020

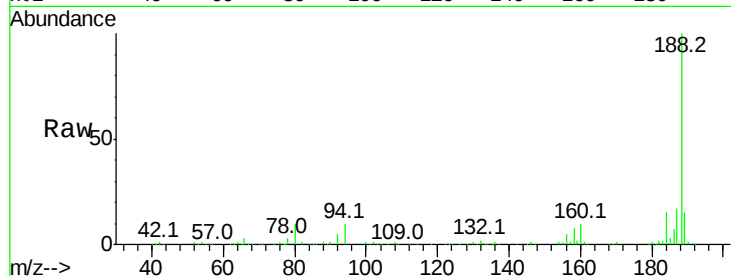
Tot Ion:188 Resp: 292006

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

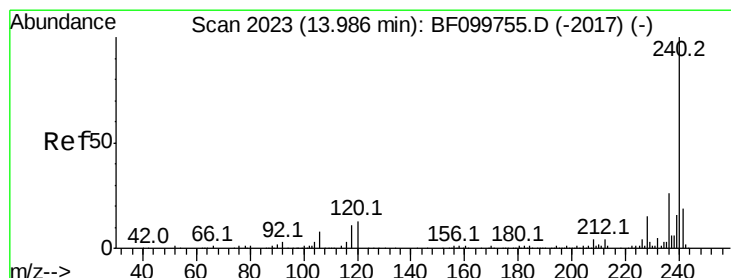
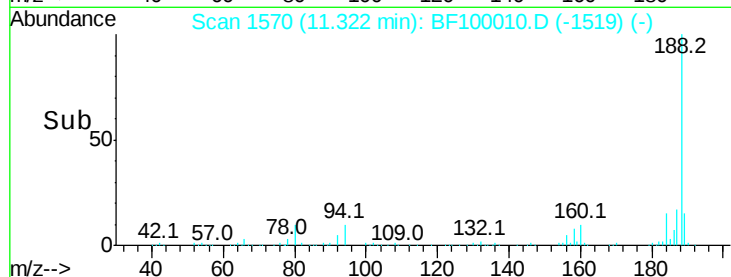
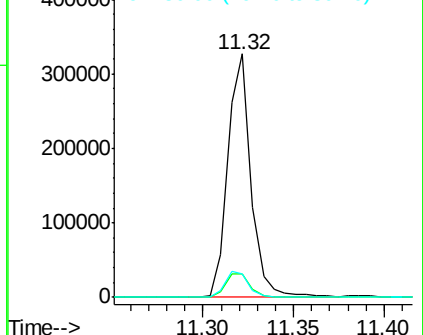
80 9.8 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF100010.D

Acq: 31 Oct 2017 18:25

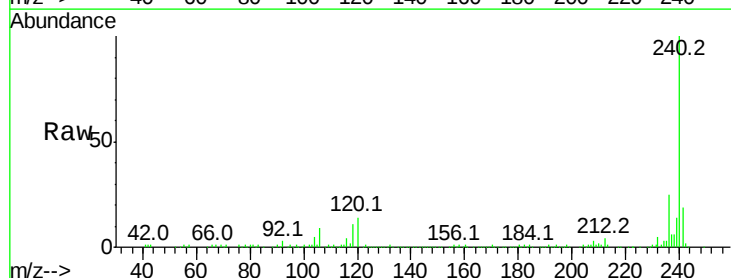
Tgt Ion:240 Resp: 174467

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

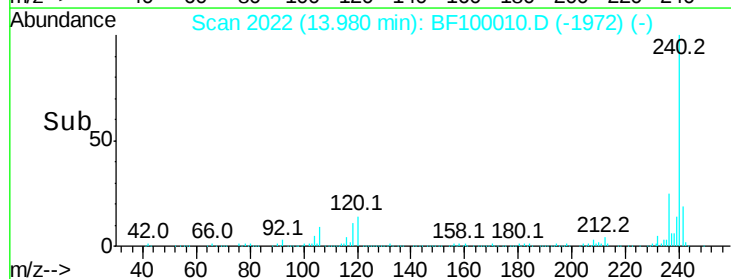
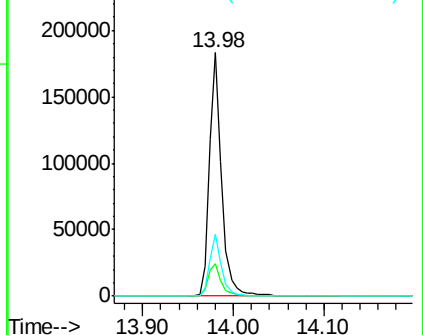
236 25.2 20.7 31.1

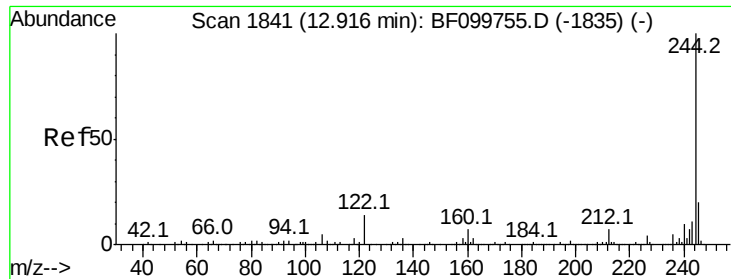


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.910 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF100010.D

Acq: 31 Oct 2017 18:25

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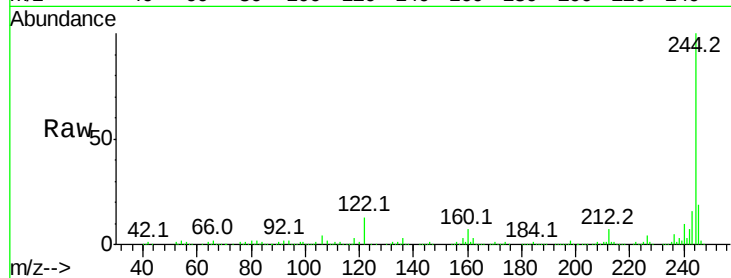
Tot Ion:244 Resp: 558120

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 13.4 11.0 16.4

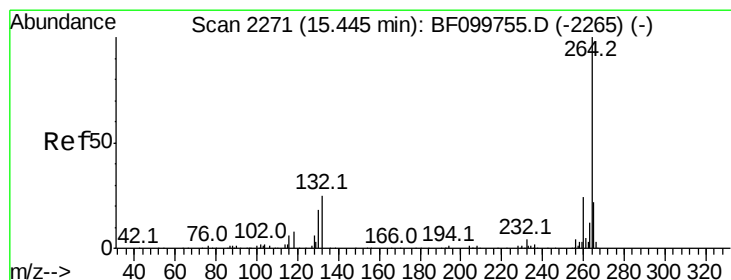
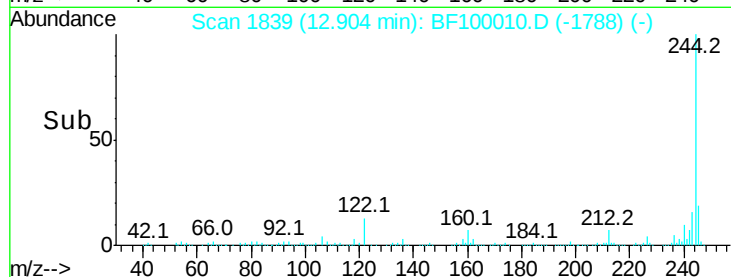


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF100010.D

Acq: 31 Oct 2017 18:25

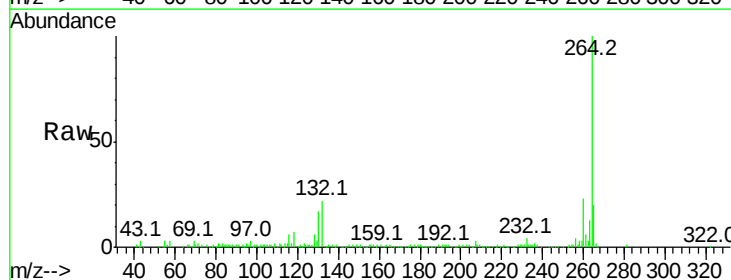
Tgt Ion:264 Resp: 156754

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.3 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

Time--> 15.40 15.50 15.60

