

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099723.D
 Acq On : 21 Oct 2017 13:03
 Operator : SJ/JU
 Sample : I6013-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Quant Time: Oct 22 01:01:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

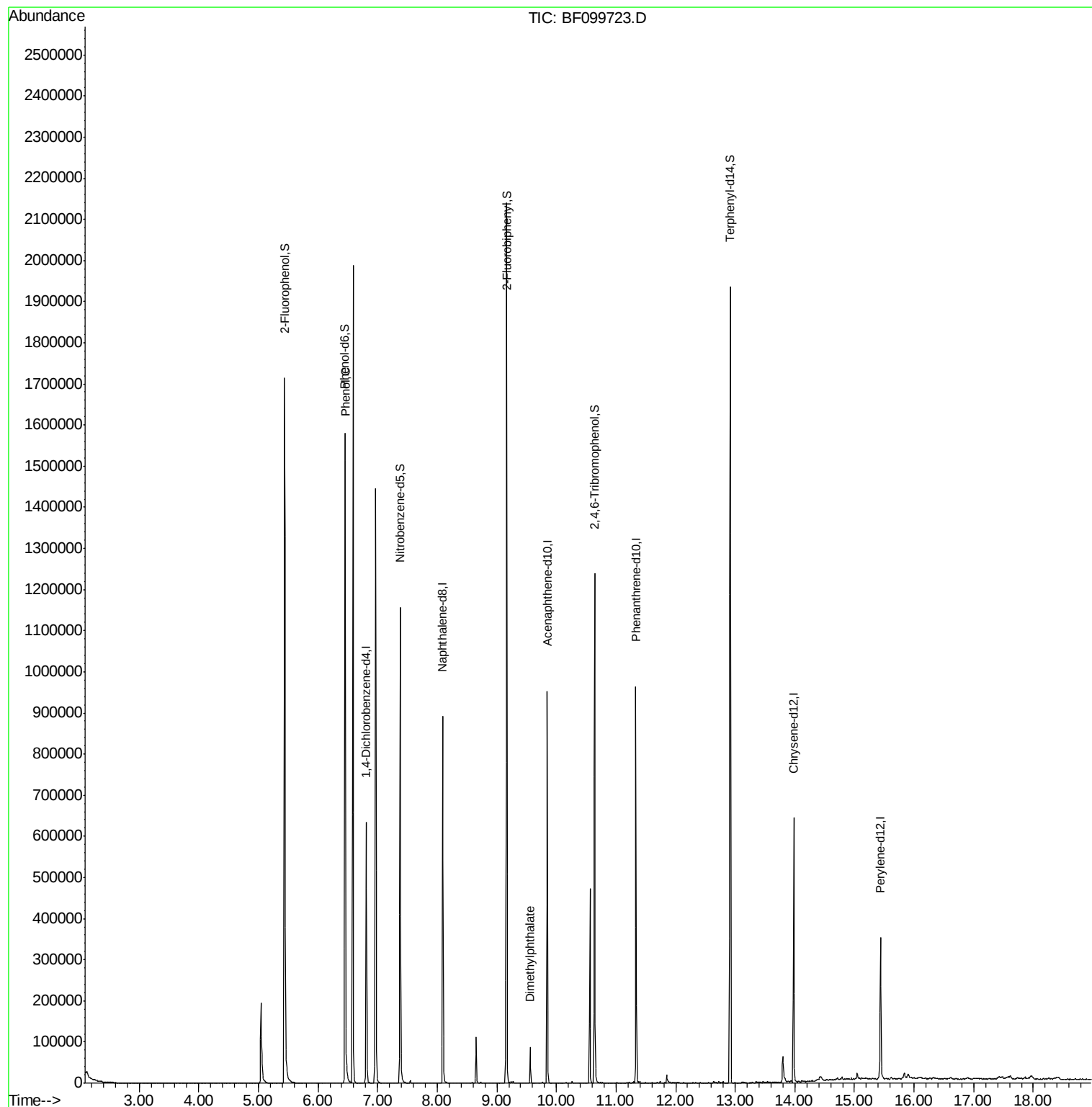
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	100813	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	413582	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	191416	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	339754	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	222977	20.00	ng	0.00
86) Perylene-d12	15.44	264	157669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	573158	90.51	ng	0.00
7) Phenol-d6	6.45	99	698127	89.36	ng	-0.01
23) Nitrobenzene-d5	7.38	82	397197	61.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	145979	93.20	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	724515	63.19	ng	0.00
78) Terphenyl-d14	12.92	244	612810	62.50	ng	0.00
Target Compounds						
10) Phenol	6.46	94	22216	2.543	ng	85
49) Dimethylphthalate	9.56	163	36271	2.511	ng	99

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

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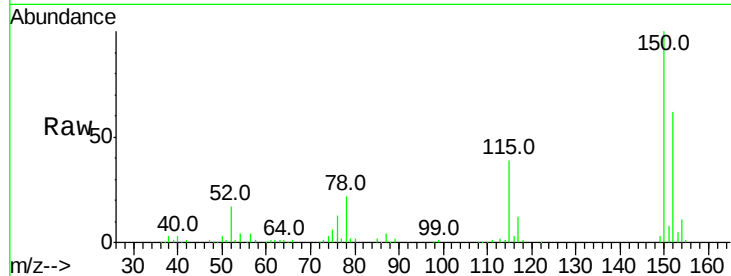


#1

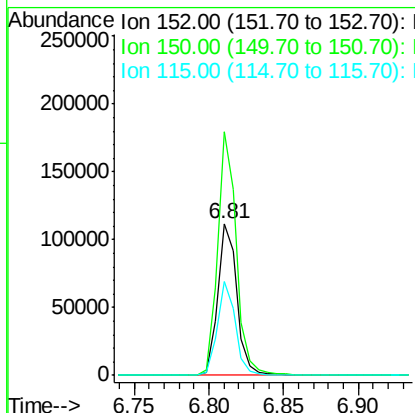
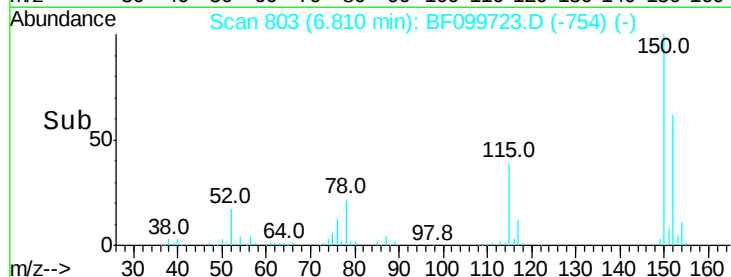
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099723.D
 Acq: 21 Oct 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.0	50.1	75.1



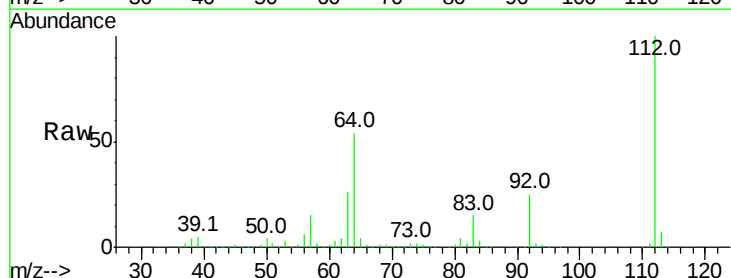
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



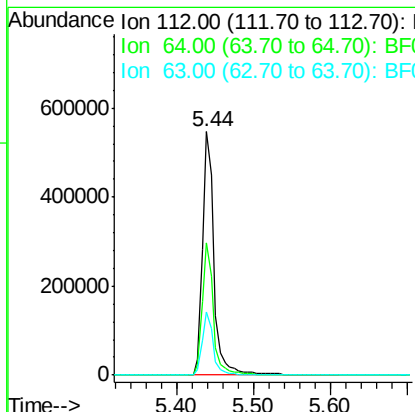
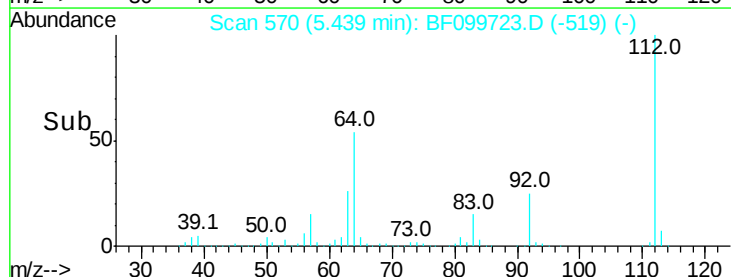
#5

2-Fluorophenol
 Concen: 90.505 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099723.D
 Acq: 21 Oct 2017 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	25.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.362 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099723.D

Acq: 21 Oct 2017 13:03

Instrument :

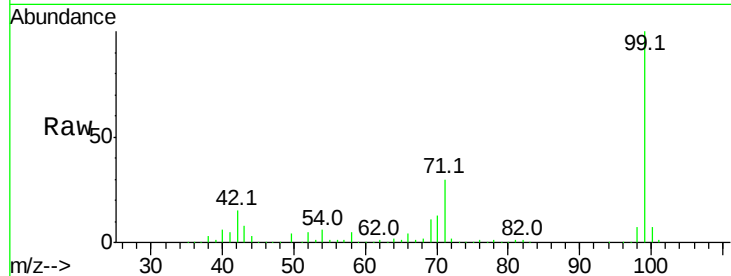
BNA_F

ClientSampleId :

FK-PS-01-019

Tot Ion: 99 Resp: 698127

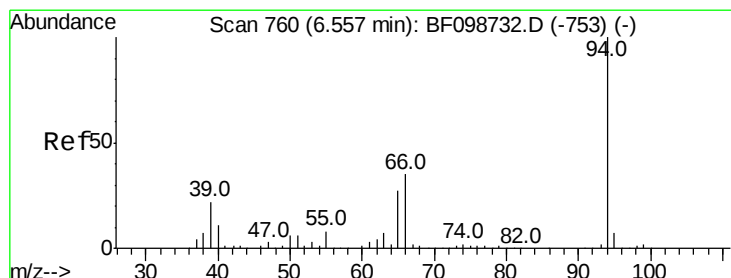
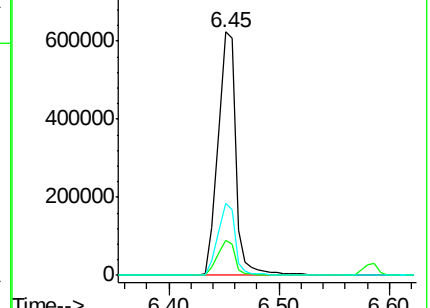
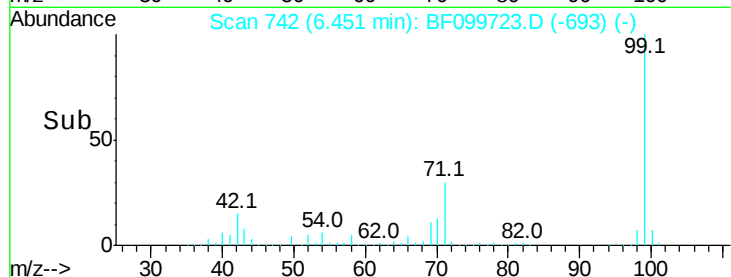
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	29.6	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.543 ng

RT: 6.46 min Scan# 744

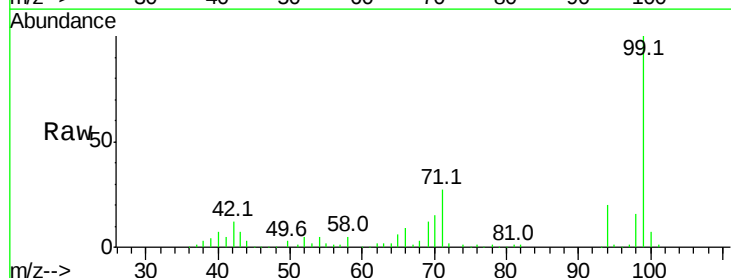
Delta R.T. -0.02 min

Lab File: BF099723.D

Acq: 21 Oct 2017 13:03

Tgt Ion: 94 Resp: 22216

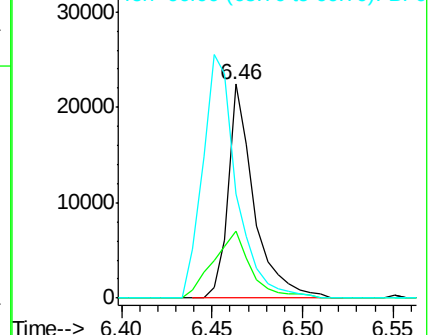
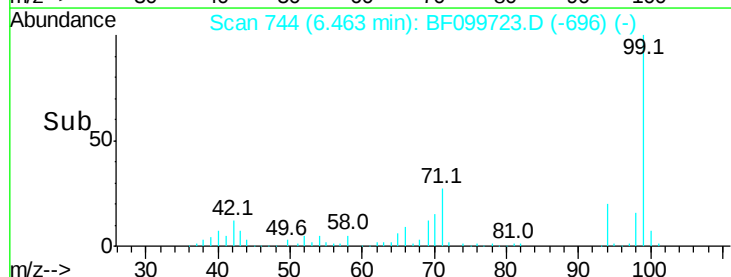
Ion	Ratio	Lower	Upper
94	100		
65	31.5	7.9	47.9
66	48.6	16.2	56.2

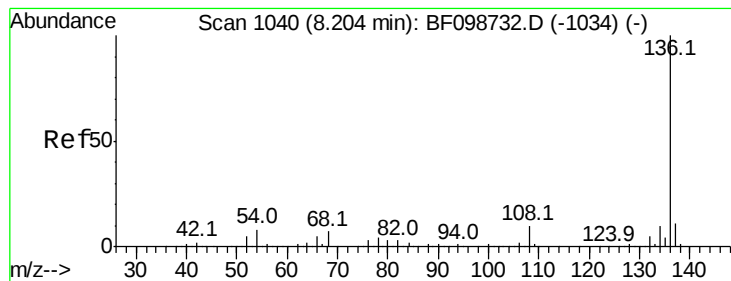


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

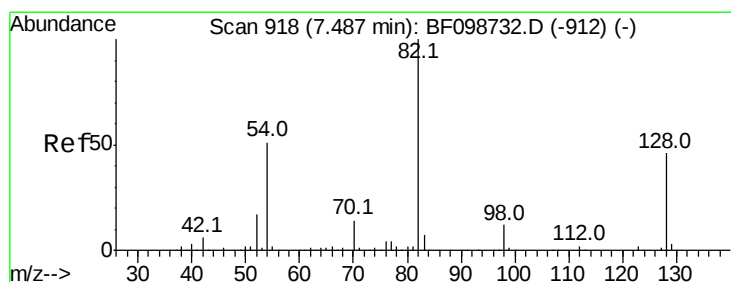
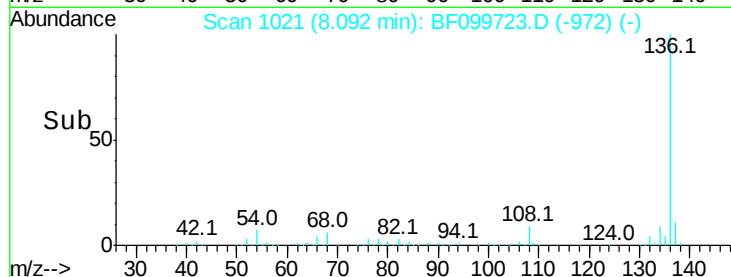
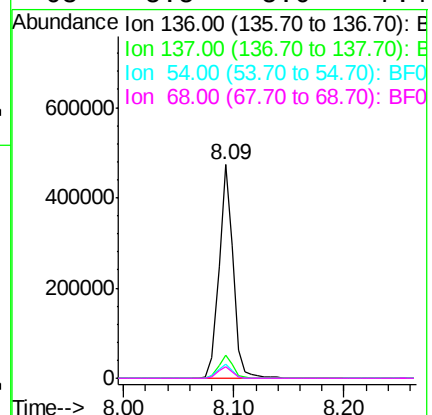
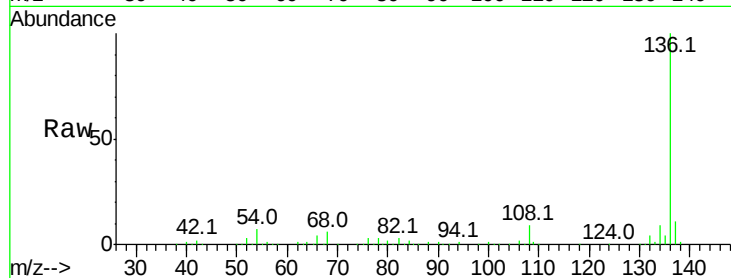




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

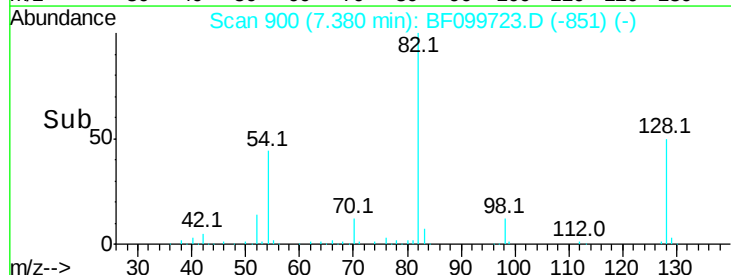
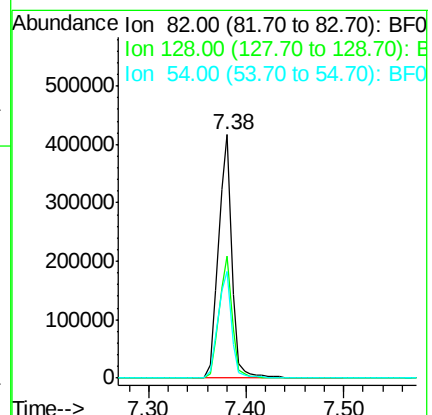
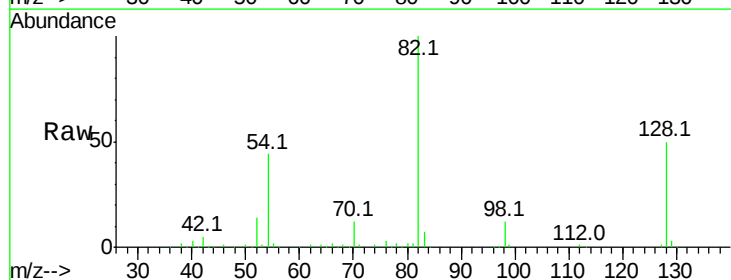
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

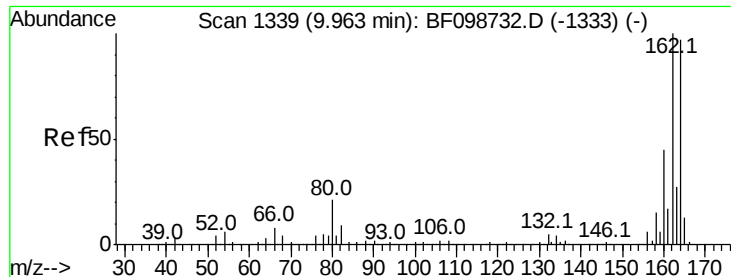
Tot Ion:	136	Resp:	413582
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 61.589 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Tgt Ion:	82	Resp:	397197
Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.6	41.4	62.2

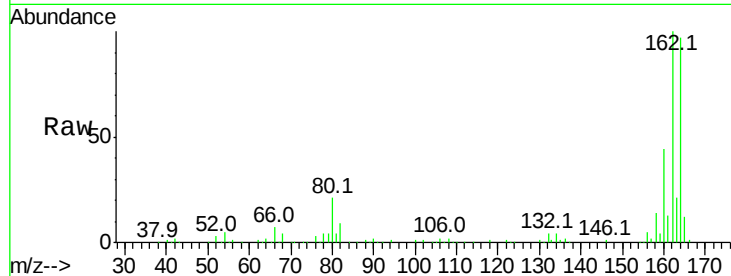




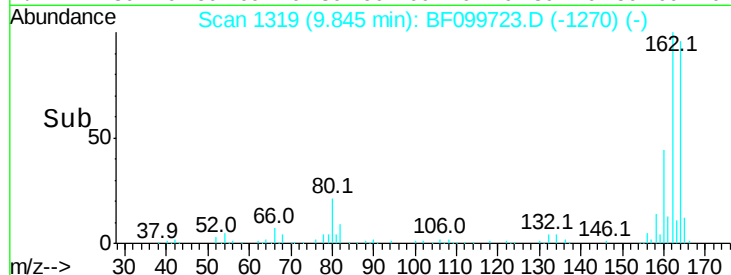
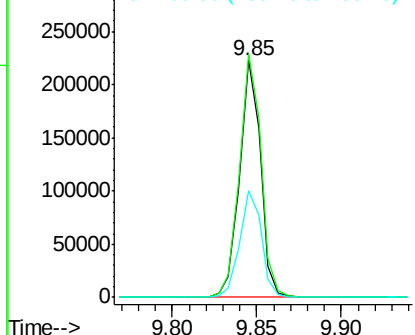
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

Tot Ion:164 Resp: 191416
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.0 38.3 57.5

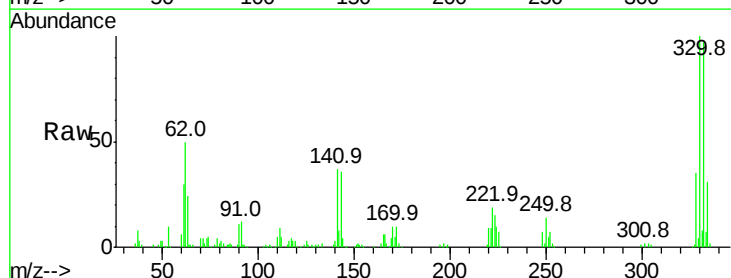


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

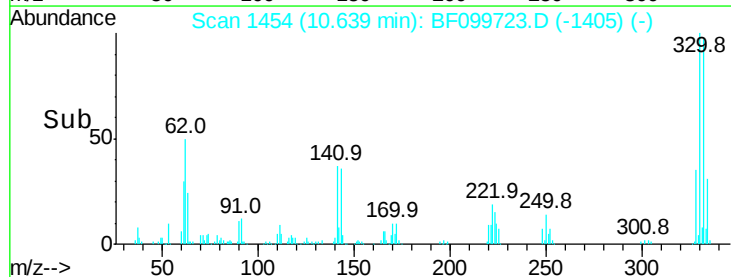
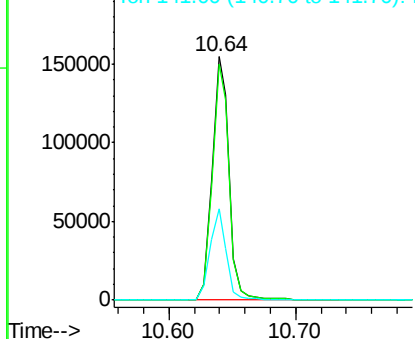


#41
2,4,6-Tribromophenol
Concen: 93.200 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Tgt Ion:330 Resp: 145979
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 36.4 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

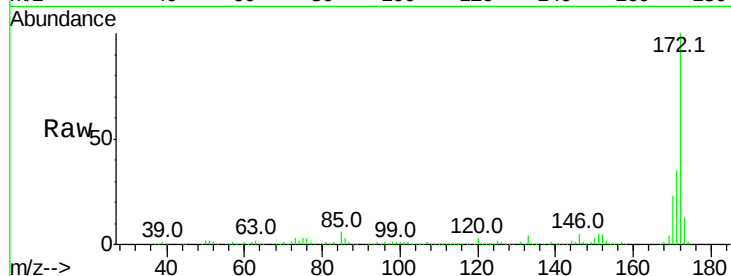




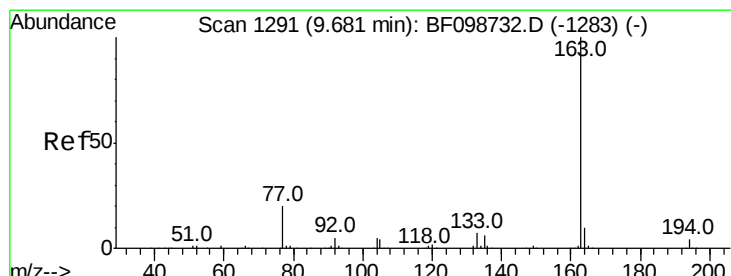
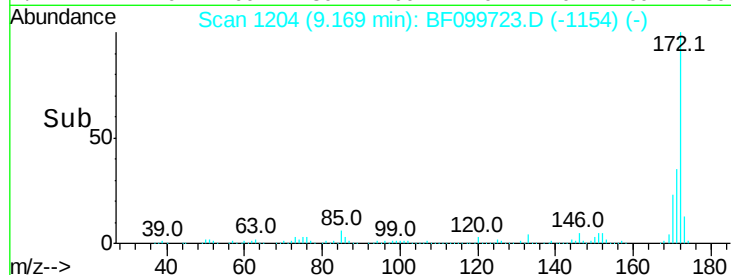
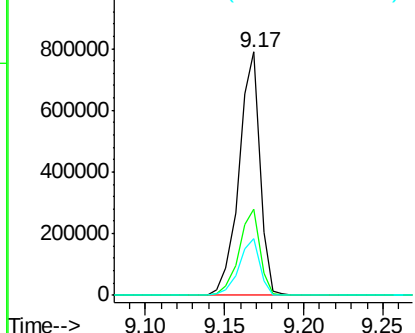
#44
2-Fluorobiphenyl
Concen: 63.188 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

Tot Ion:172 Resp: 724515
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.2 19.6 29.4

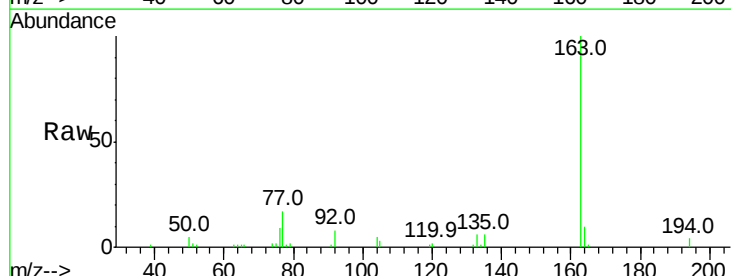


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

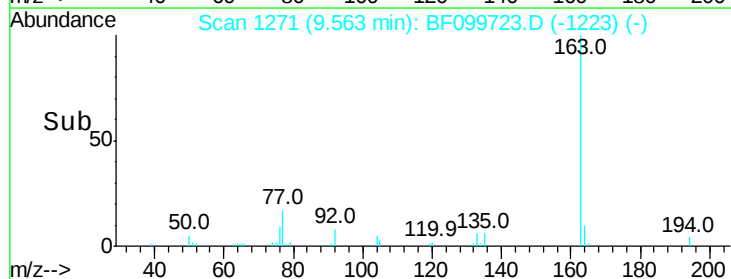
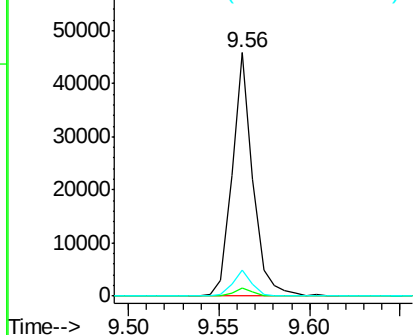


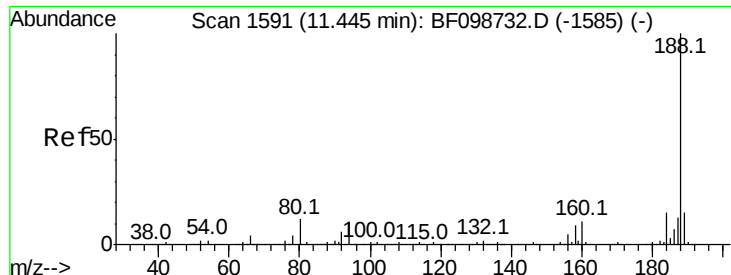
#49
Dimethylphthalate
Concen: 2.511 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Tgt Ion:163 Resp: 36271
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 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

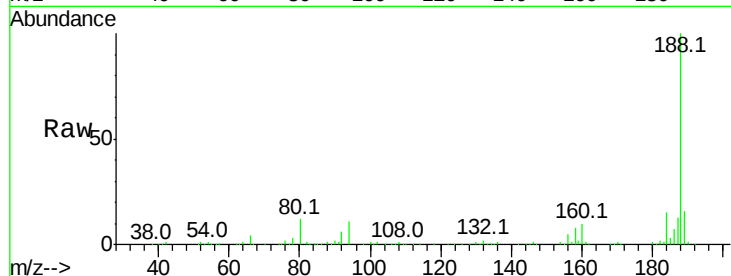




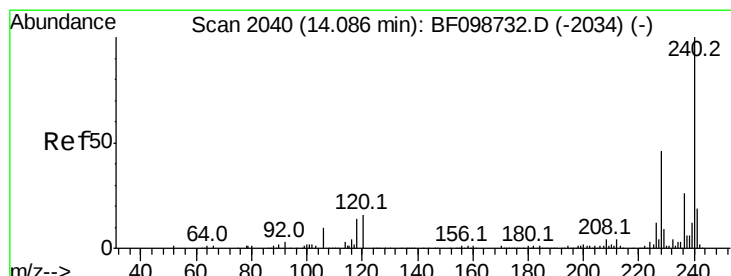
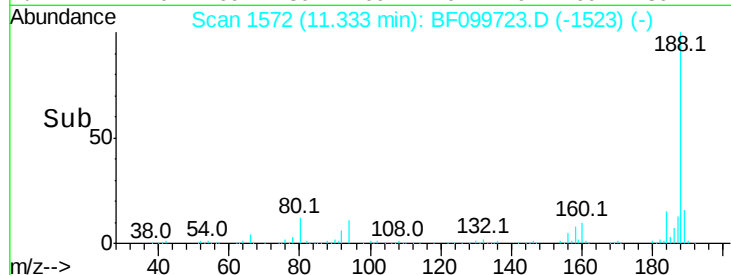
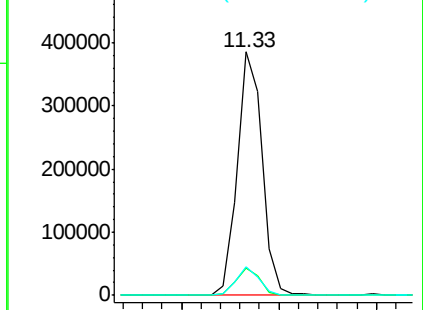
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

Tot Ion:188 Resp: 339754
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.9 9.2 13.8

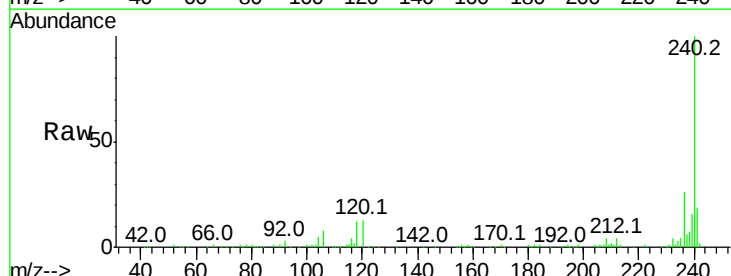


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

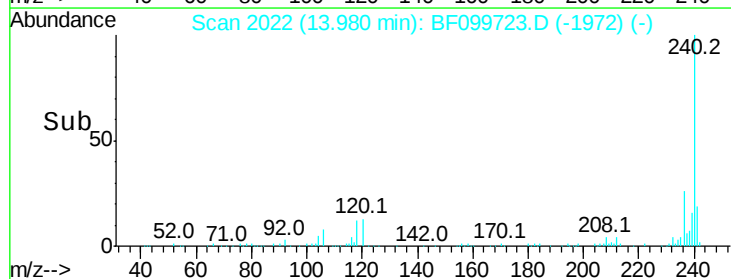
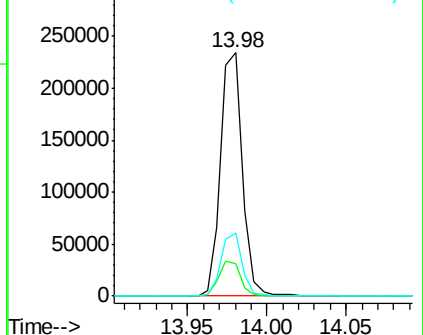


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099723.D
Acq: 21 Oct 2017 13:03

Tgt Ion:240 Resp: 222977
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.0 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: 62.502 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099723.D

Acq: 21 Oct 2017 13:03

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-019

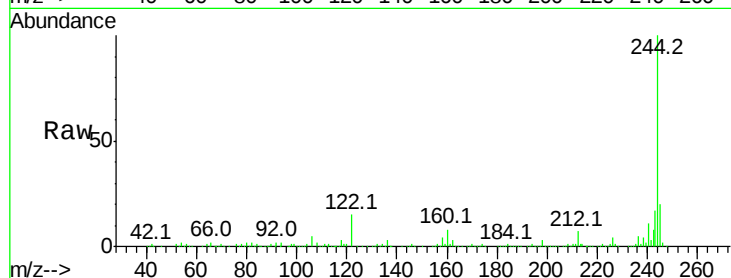
Tot Ion:244 Resp: 612810

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

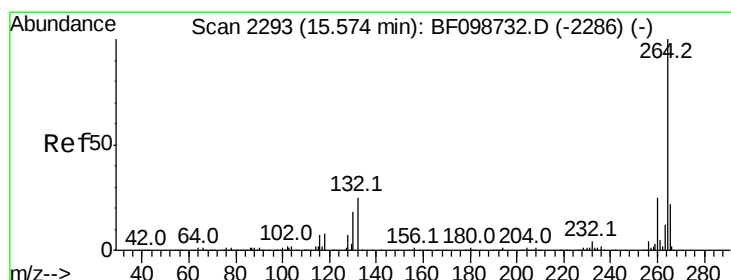
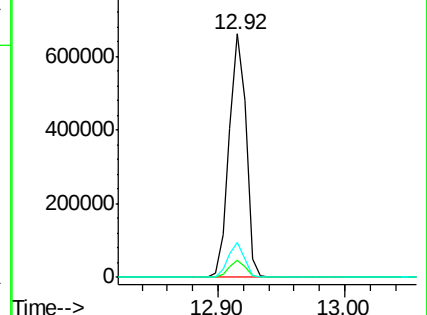
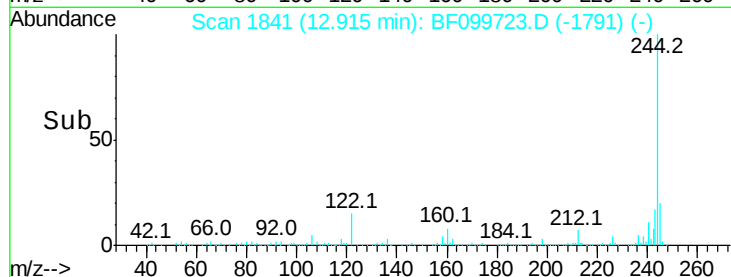
122 14.5 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099723.D

Acq: 21 Oct 2017 13:03

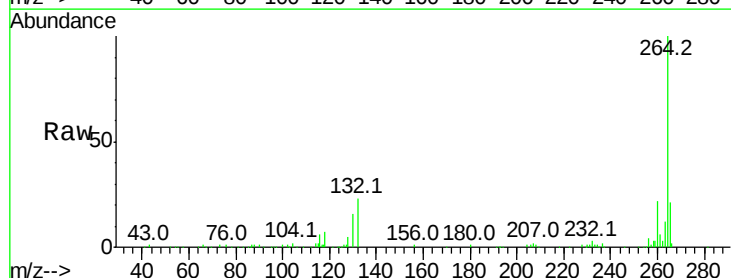
Tgt Ion:264 Resp: 157669

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 20.8 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

