

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098795.D
 Acq On : 25 Sep 2017 21:04
 Operator : SJ/JU
 Sample : I5388-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

Quant Time: Sep 26 07:15:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

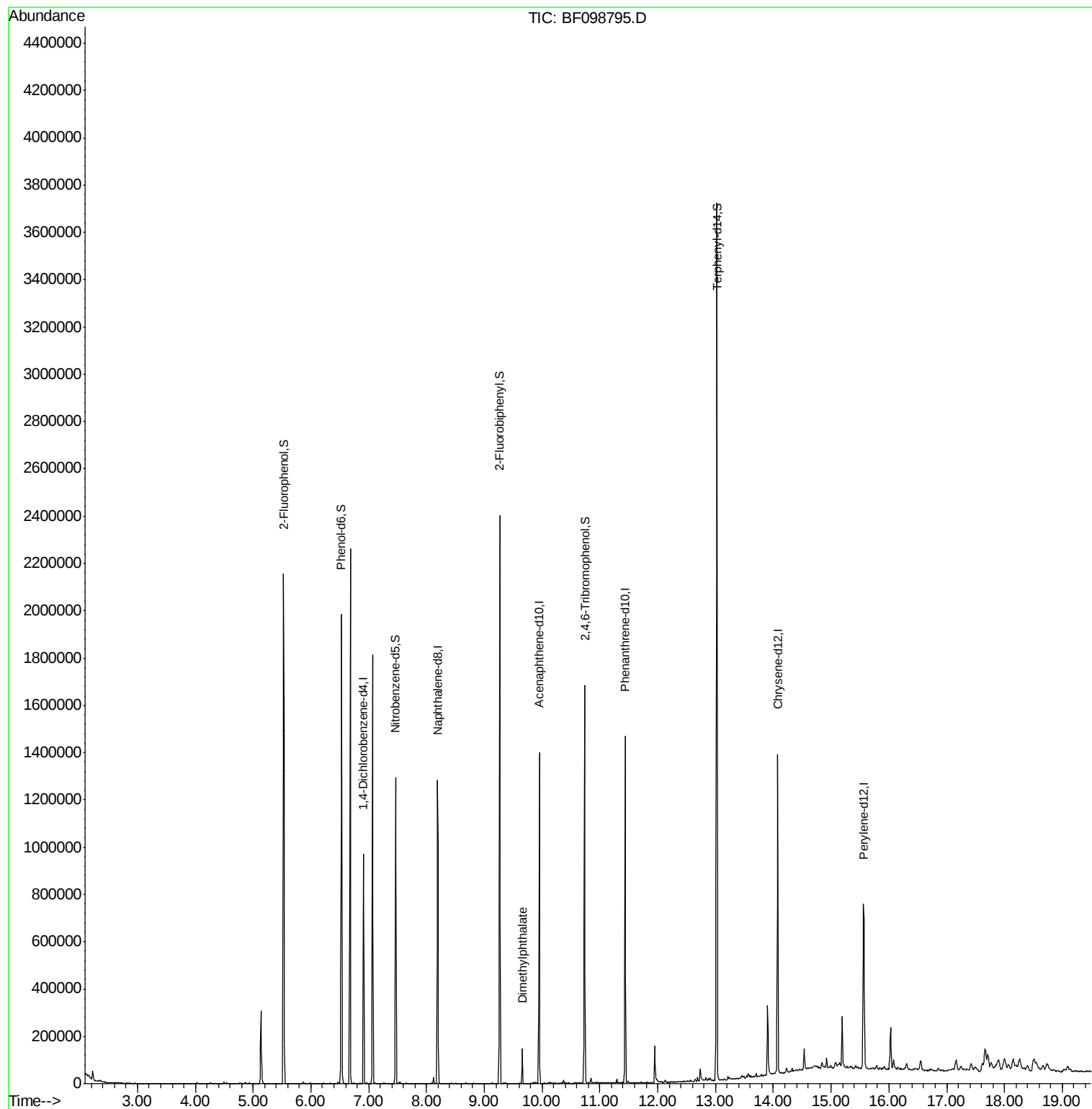
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	135140	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	564335	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	262320	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	496907	20.00	ng	0.00
75) Chrysene-d12	14.07	240	408566	20.00	ng	-0.01
86) Perylene-d12	15.56	264	298430	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	586898	69.13	ng	-0.01
7) Phenol-d6	6.53	99	726175	69.34	ng	-0.02
23) Nitrobenzene-d5	7.47	82	404872	46.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	179735	83.73	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	727540	46.30	ng	-0.01
78) Terphenyl-d14	13.03	244	1317047	73.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	50183	2.535	ng	Qvalue 99

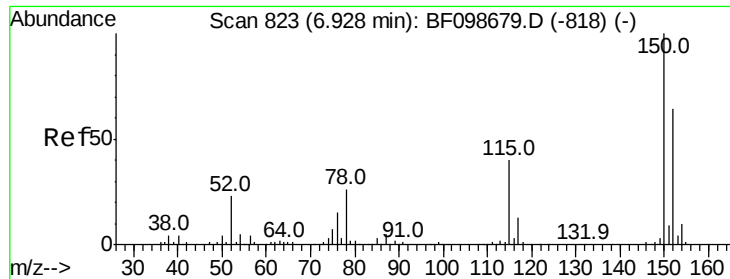
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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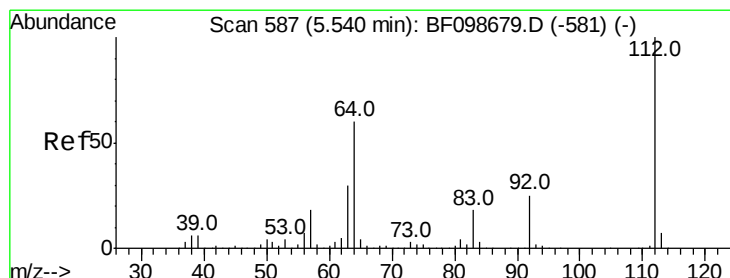
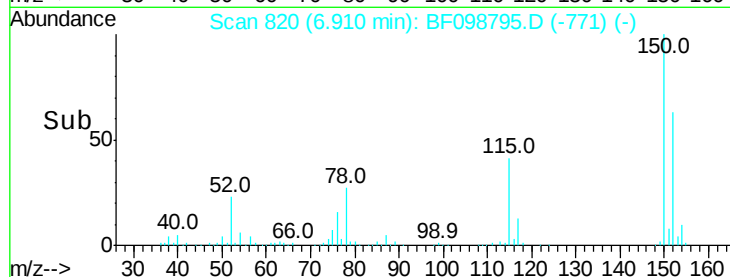
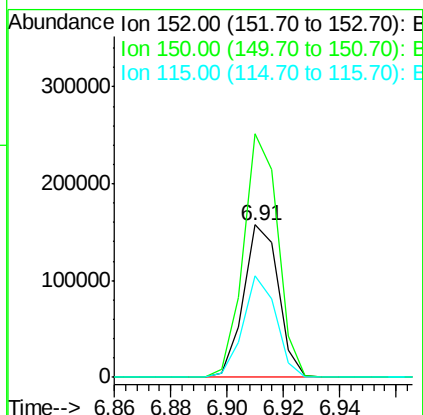
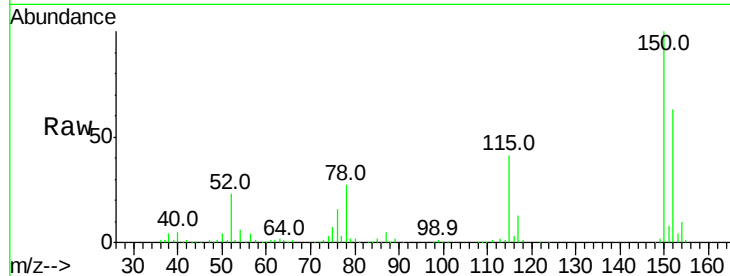


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098795.D
Acq: 25 Sep 2017 21:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

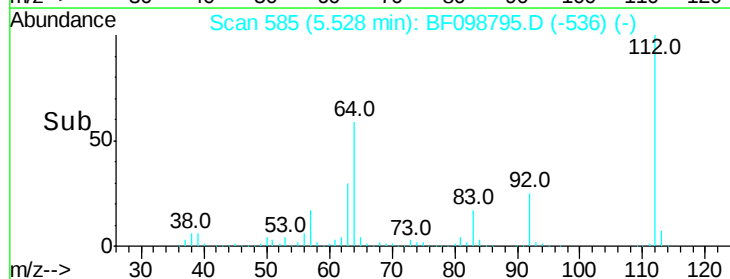
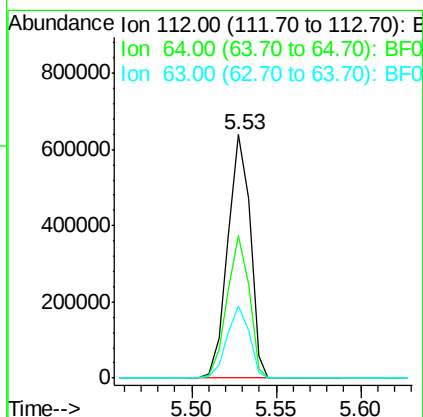
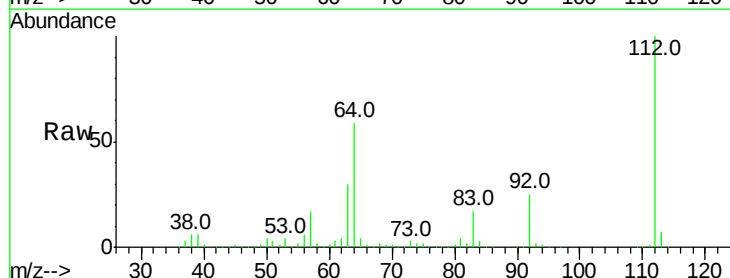
Tot Ion:152 Resp: 135140
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 66.3 50.1 75.1

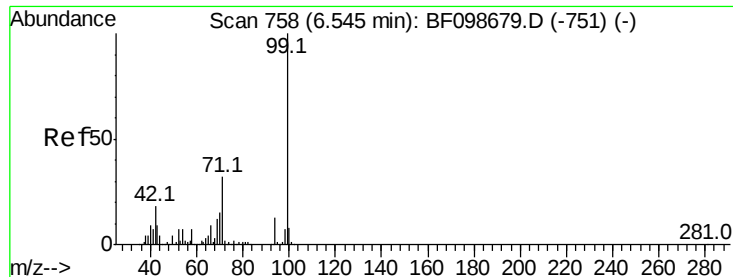


#5

2-Fluorophenol
Concen: 69.134 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098795.D
Acq: 25 Sep 2017 21:04

Tgt Ion:112 Resp: 586898
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 69.342 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

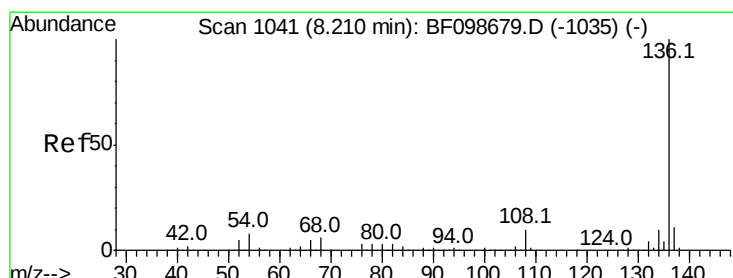
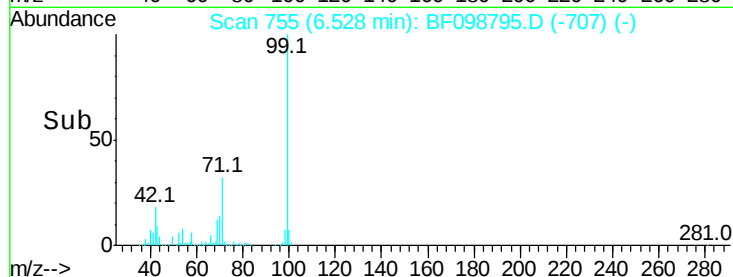
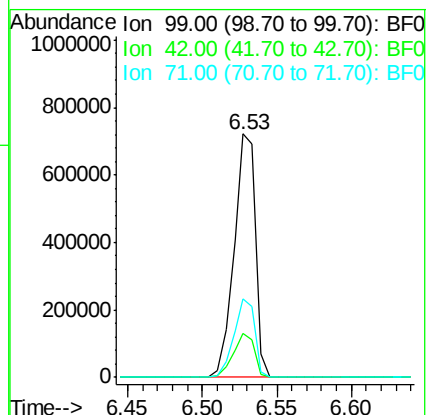
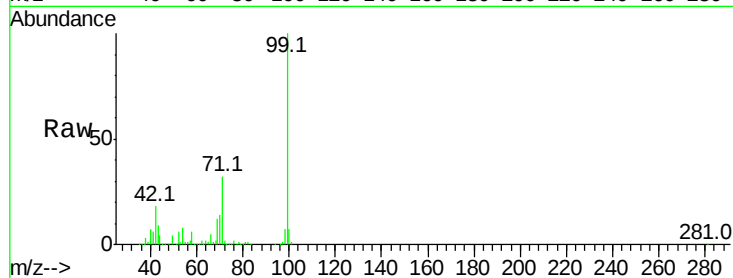
Tot Ion: 99 Resp: 726175

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Tgt Ion: 136 Resp: 564335

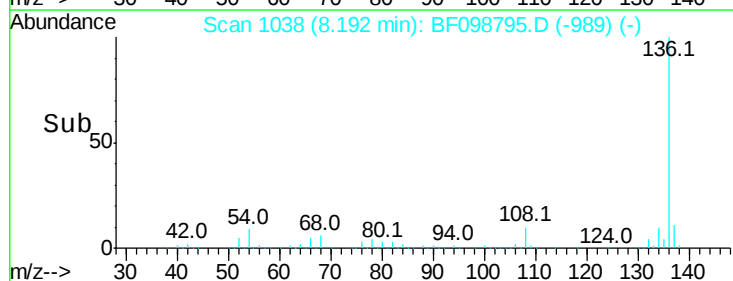
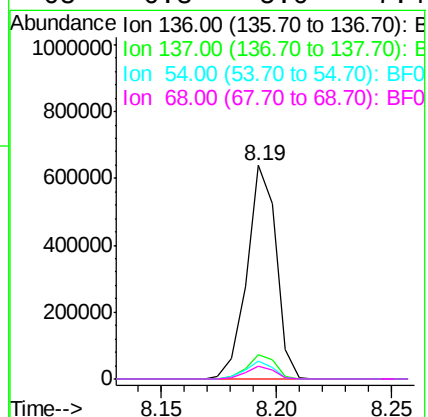
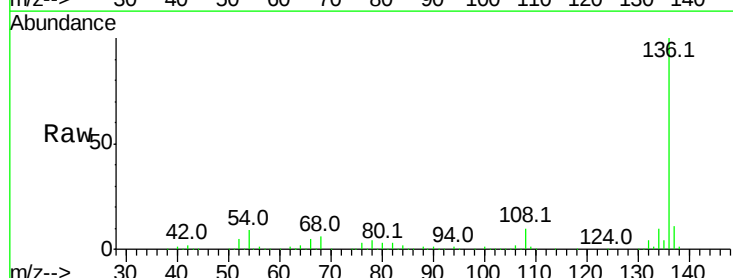
Ion Ratio Lower Upper

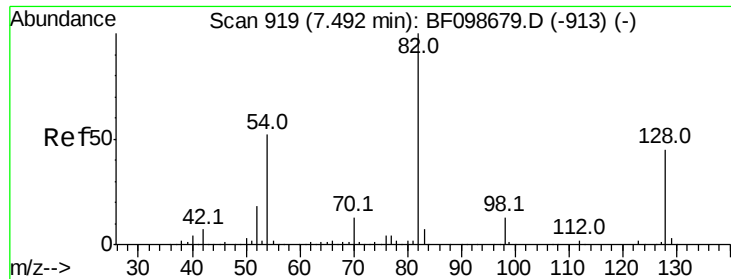
136 100

137 11.3 8.9 13.3

54 8.6 6.6 9.8

68 6.3 5.0 7.4

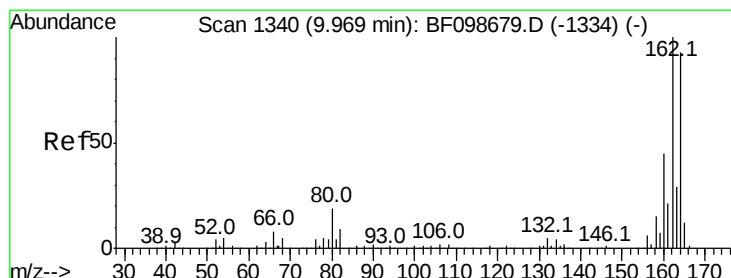
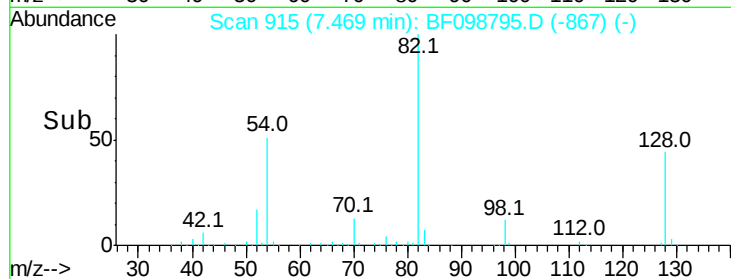
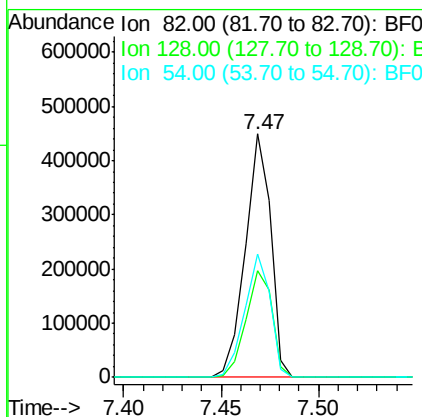
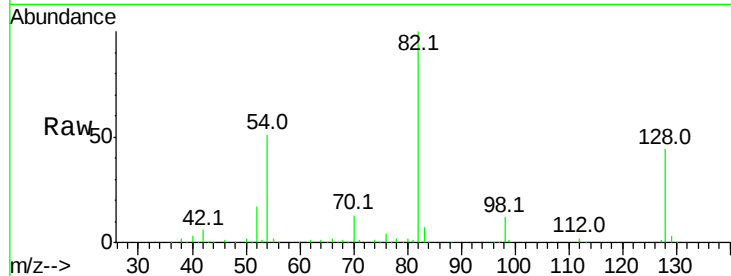




#23
 Nitrobenzene-d5
 Concen: 46.009 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

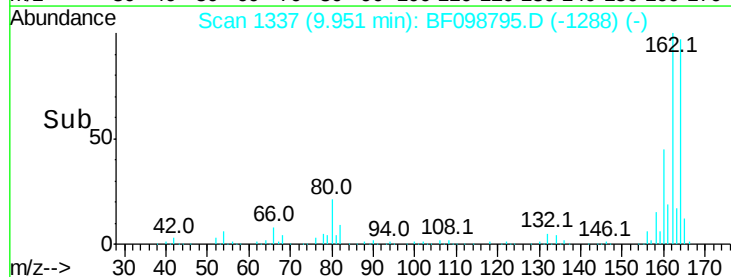
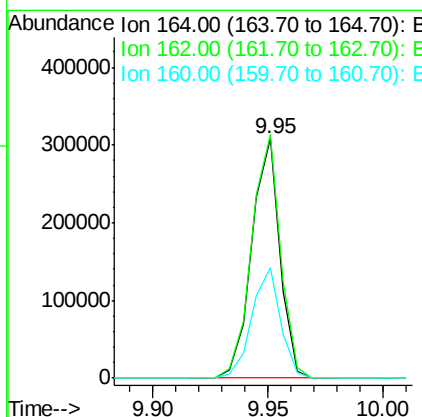
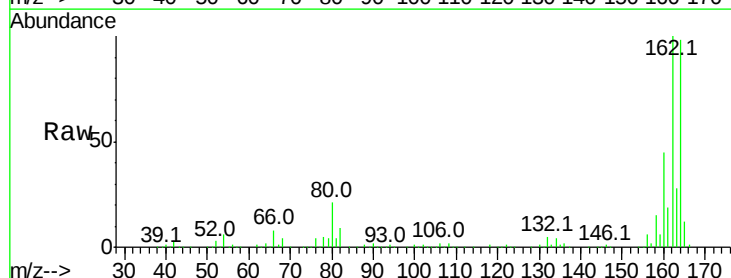
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

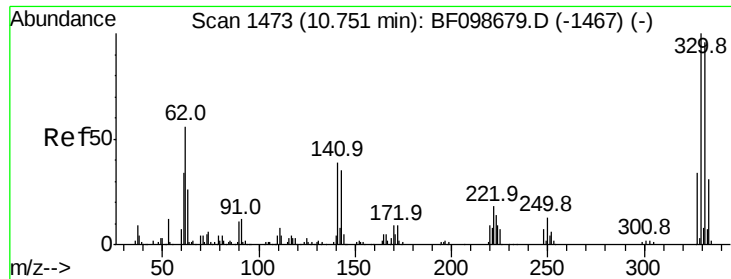
Tot Ion: 82 Resp: 404872
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 50.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Tgt Ion:164 Resp: 262320
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 45.9 38.3 57.5

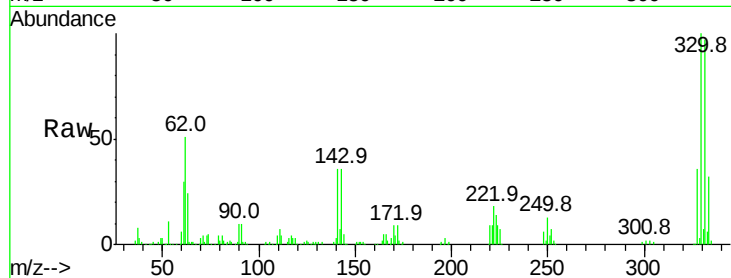




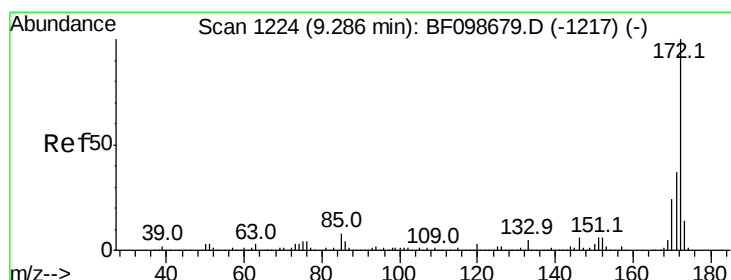
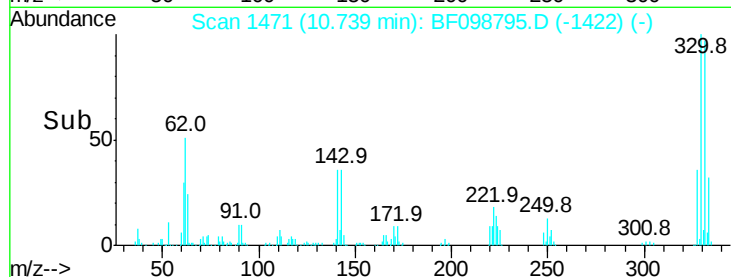
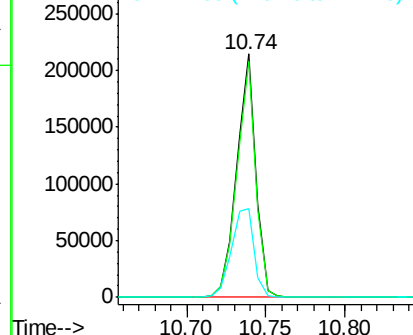
#41
 2,4,6-Tribromophenol
 Concen: 83.734 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	43.1	29.9	44.9

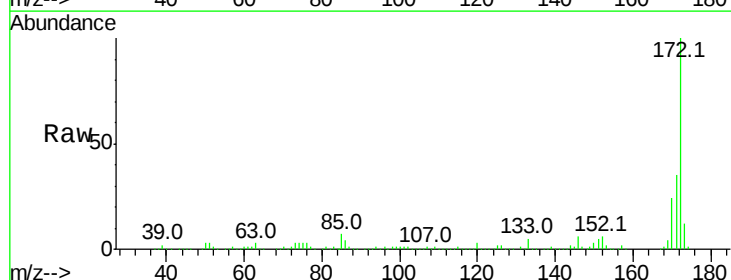


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

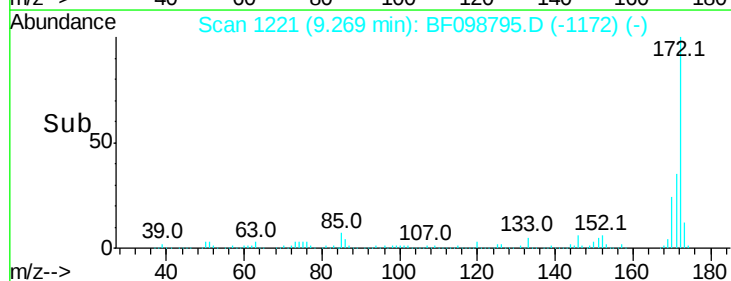
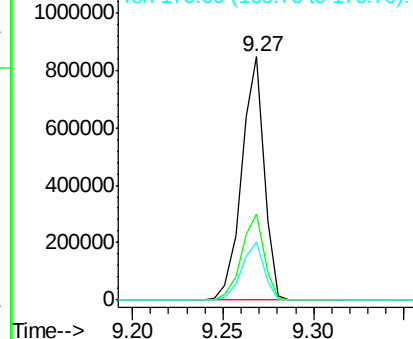


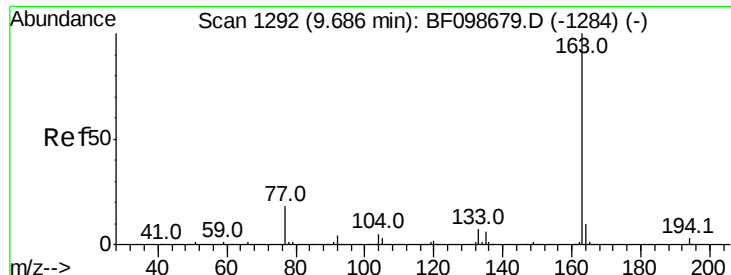
#44
 2-Fluorobiphenyl
 Concen: 46.301 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	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

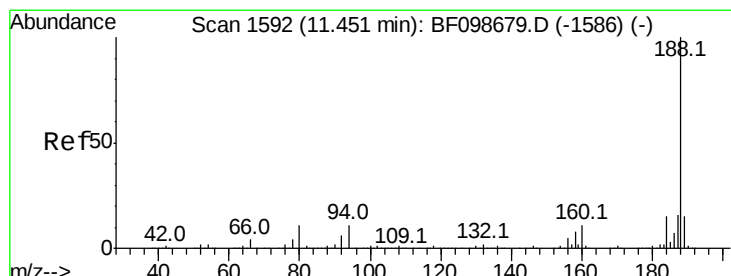
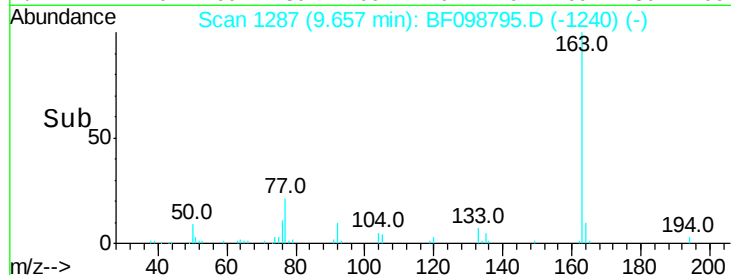
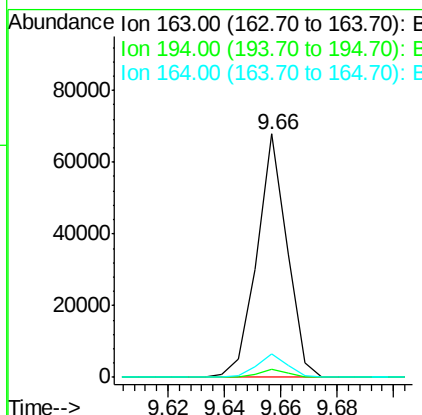
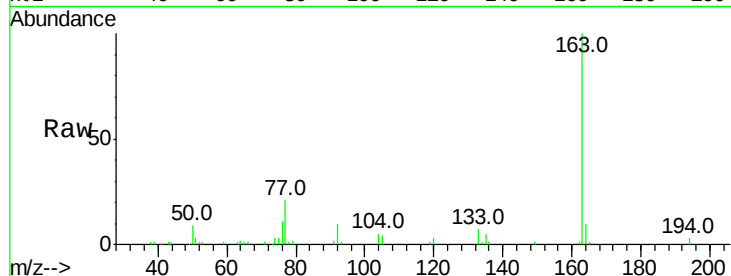




#49
 Dimethylphthalate
 Concen: 2.535 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

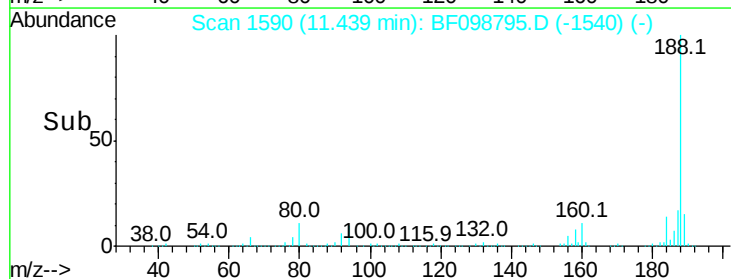
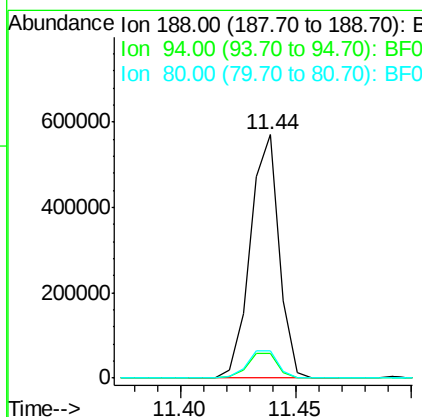
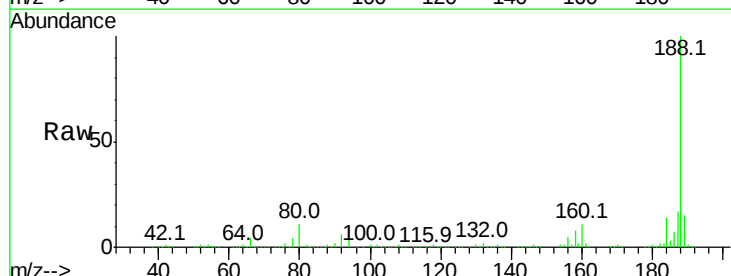
Instrument :
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 FK-PS-01-016

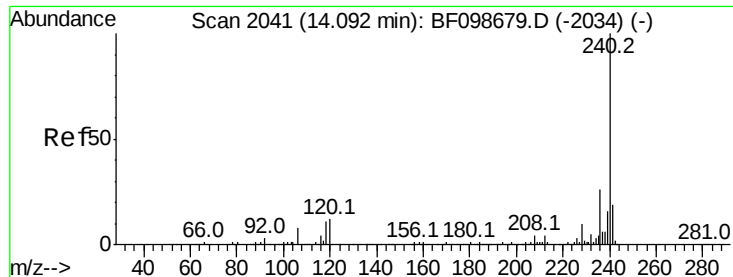
Tot Ion:163 Resp: 50183
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.9 8.2 12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Tgt Ion:188 Resp: 496907
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

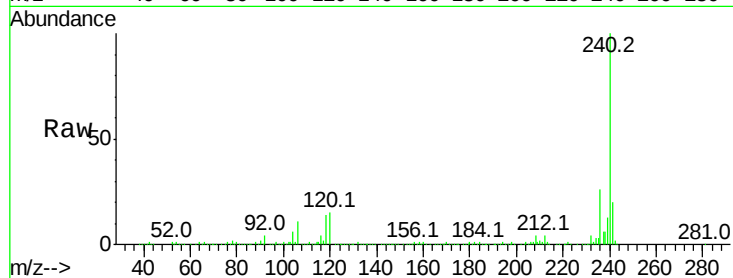
Tot Ion:240 Resp: 408566

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

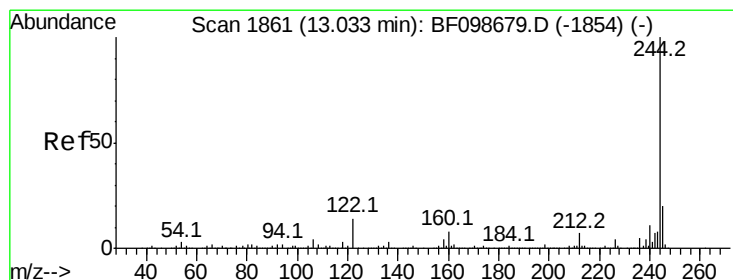
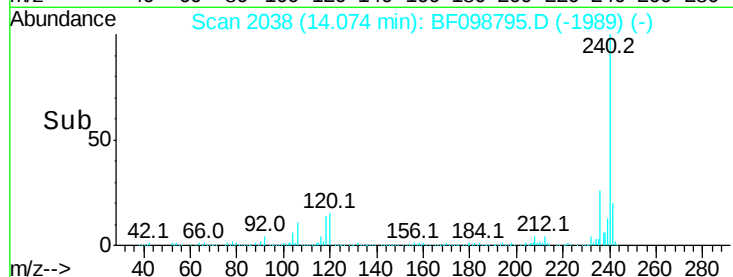
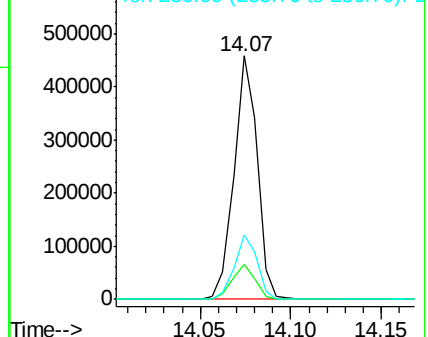
236 26.5 20.7 31.1



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: 73.311 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098795.D

Acq: 25 Sep 2017 21:04

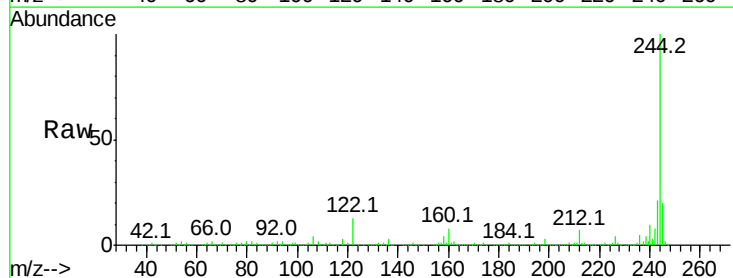
Tgt Ion:244 Resp: 1317047

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

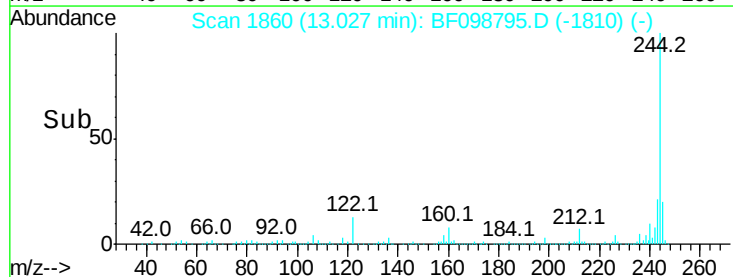
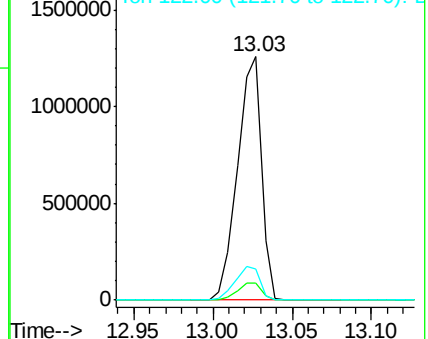
122 12.9 11.0 16.4

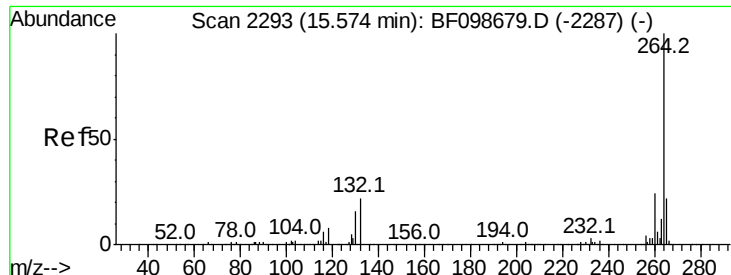


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

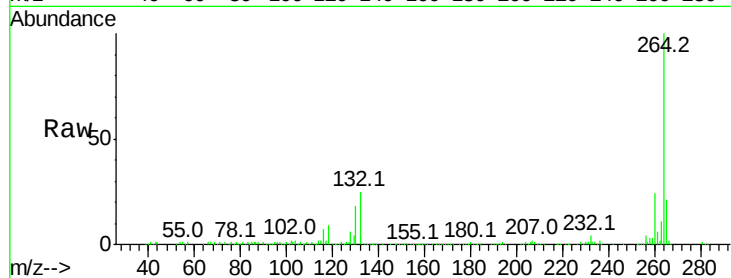




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098795.D
 Acq: 25 Sep 2017 21:04

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	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

