

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095096.D
 Acq On : 11 May 2017 23:53
 Operator : SJ/MA
 Sample : I3087-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_001

Quant Time: May 12 04:29:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

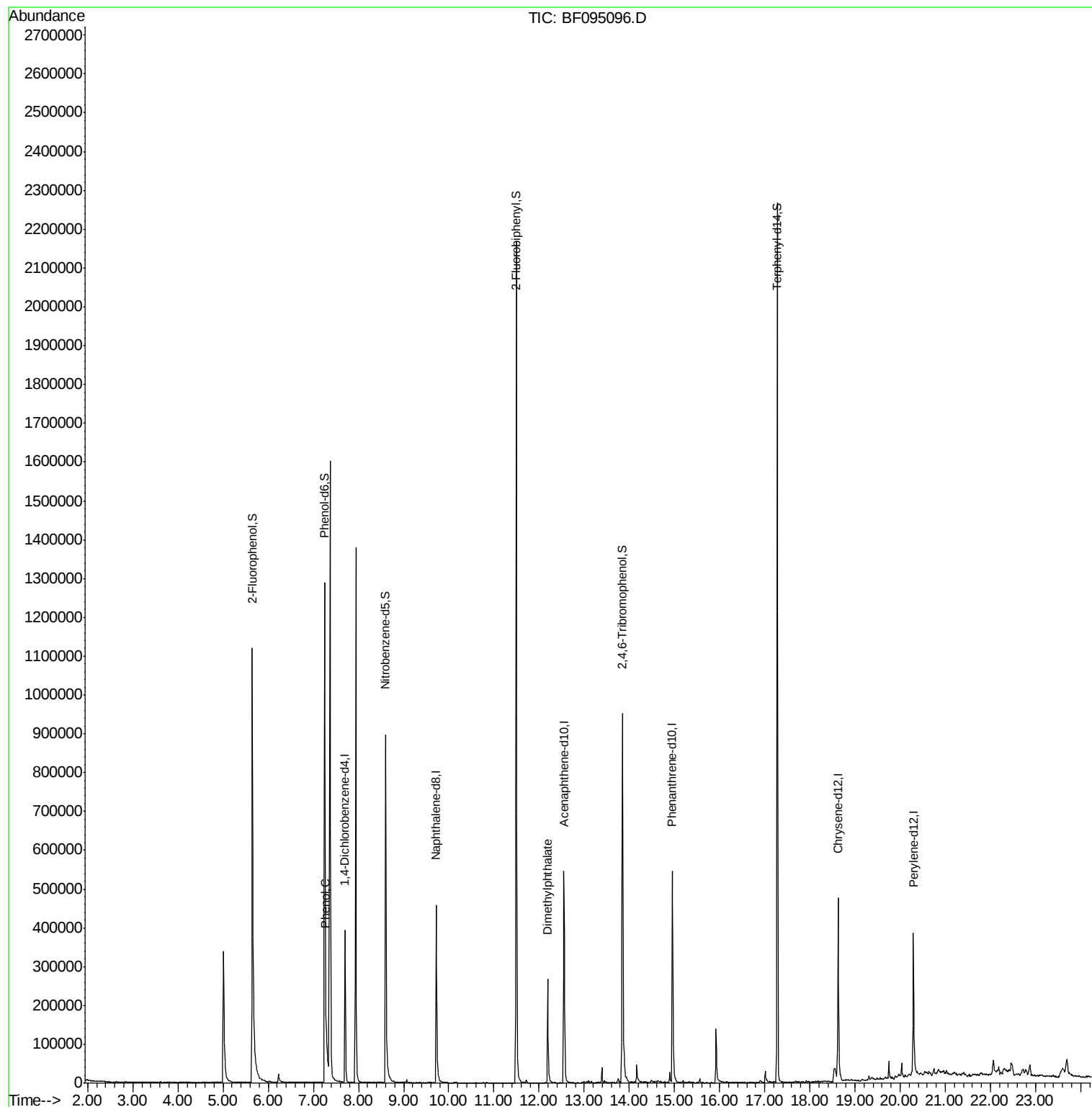
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	85175	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	363469	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	172777	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	332039	20.00	ng	-0.03
75) Chrysene-d12	18.62	240	238660	20.00	ng	-0.03
86) Perylene-d12	20.29	264	185519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	640469	125.37	ng	-0.03
7) Phenol-d6	7.25	99	797396	130.09	ng	-0.03
23) Nitrobenzene-d5	8.60	82	470593	81.64	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	181475	128.25	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	988925	82.38	ng	-0.04
78) Terphenyl-d14	17.28	244	870465	80.33	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	13763	2.13	ng	Qvalue # 48
49) Dimethylphthalate	12.19	163	182507	12.87	ng	99

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

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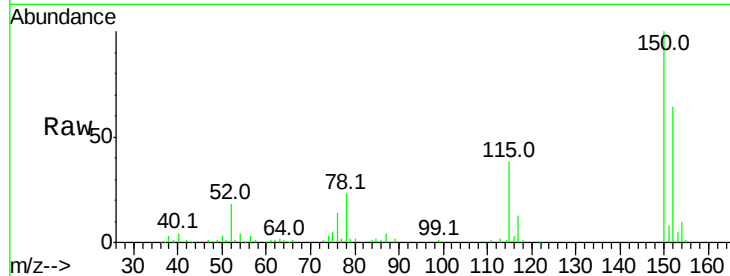


#1

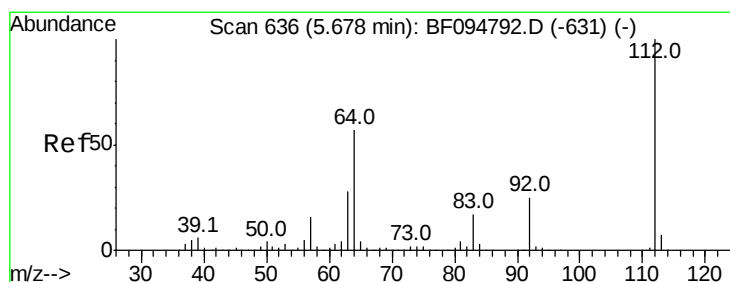
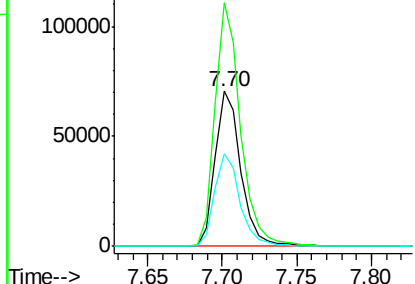
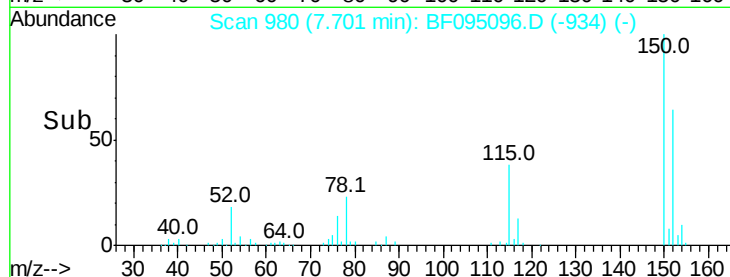
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

Instrument :
BNA_F
ClientSampleId :
FK-PS-01_001

Tot Ion:152 Resp: 85175
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.4 52.2 78.2



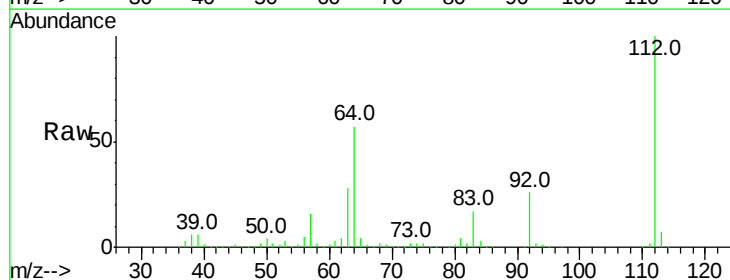
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



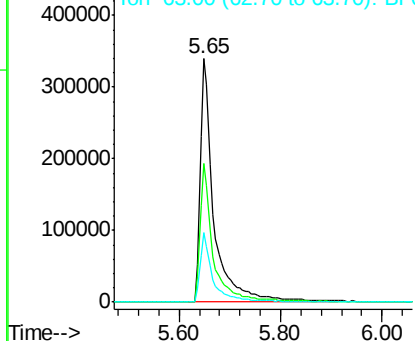
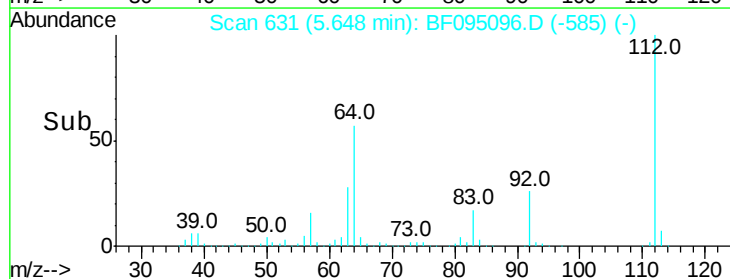
#5

2-Fluorophenol
Concen: 125.37 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095096.D
Acq: 11 May 2017 23:53

Tgt Ion:112 Resp: 640469
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.4 23.4 35.0



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: 130.09 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_001

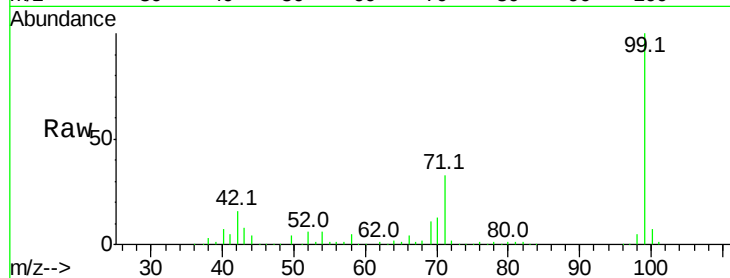
Tot Ion: 99 Resp: 797396

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

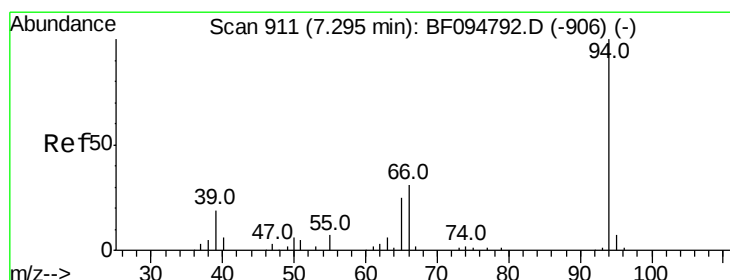
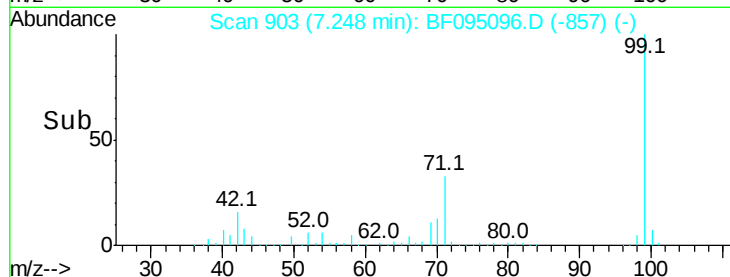
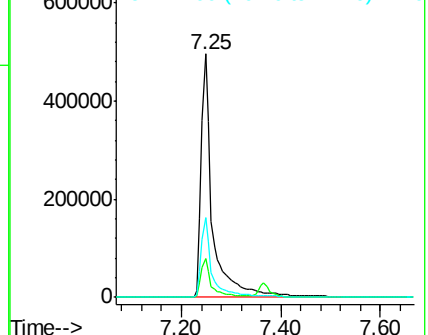
71 33.0 24.5 36.7



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: 2.13 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

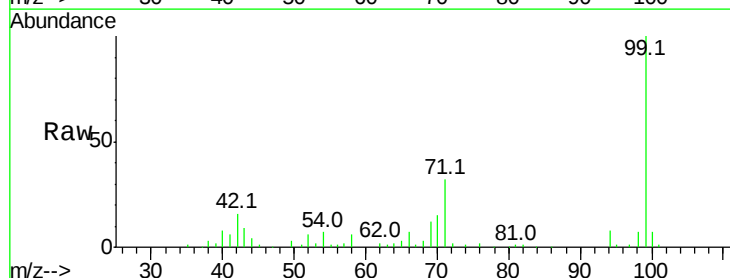
Tgt Ion: 94 Resp: 13763

Ion Ratio Lower Upper

94 100

65 37.7 9.9 49.9

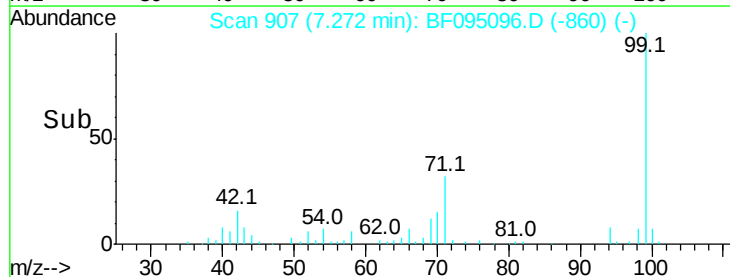
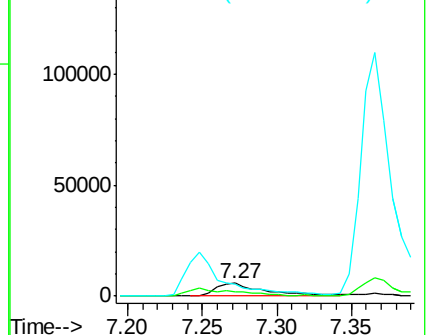
66 92.6 23.1 63.1#



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: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_001

Tot Ion:136 Resp: 363469

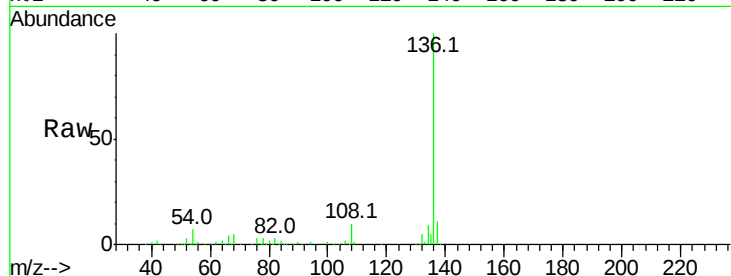
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 4.9 4.1 6.1

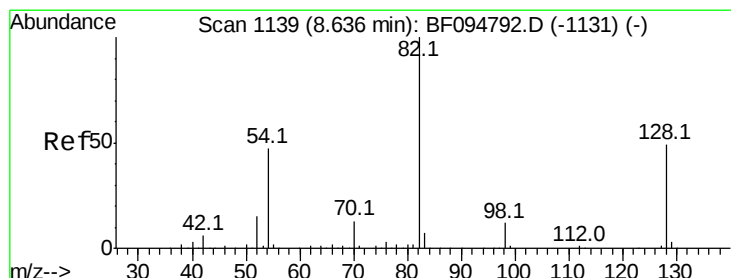
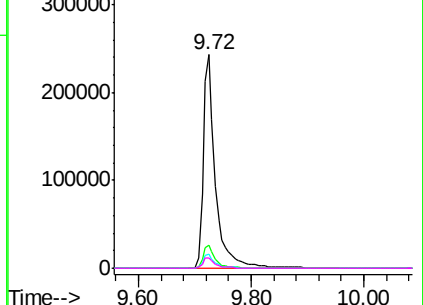
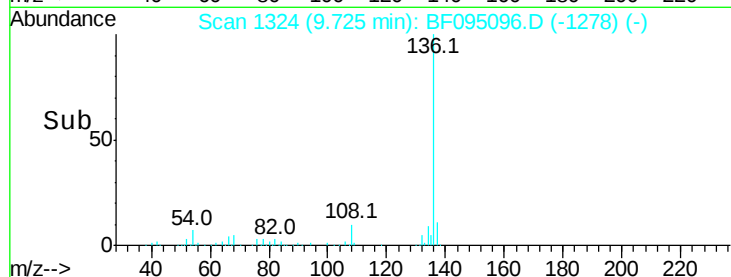


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 81.64 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.04 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

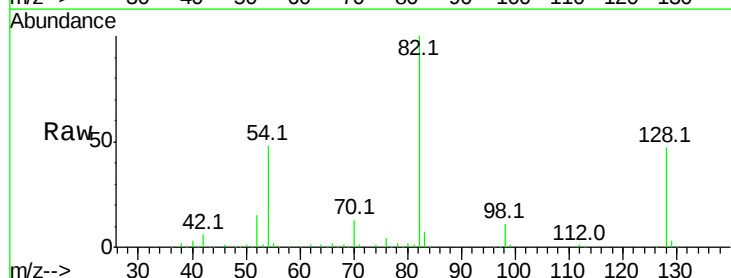
Tgt Ion: 82 Resp: 470593

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

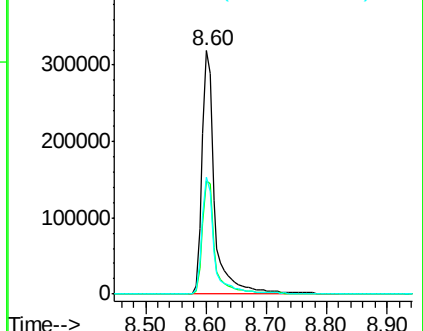
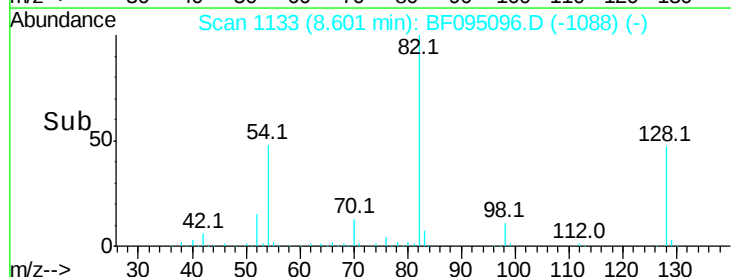
54 47.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_001

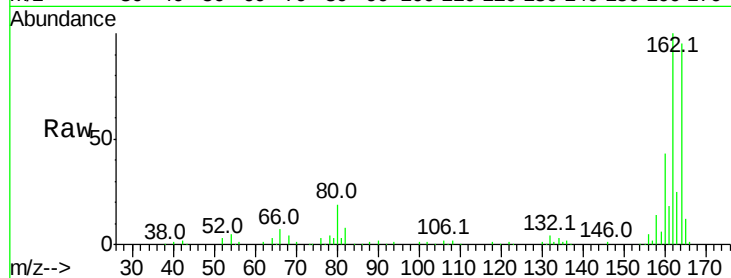
Tot Ion:164 Resp: 172777

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

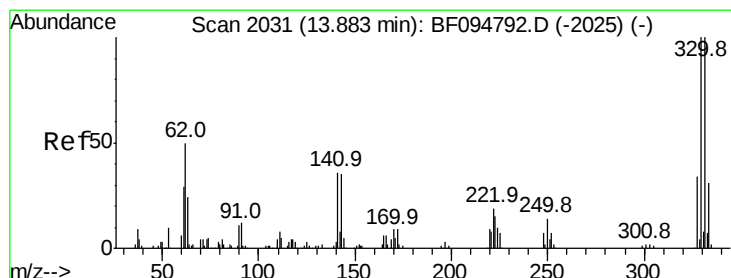
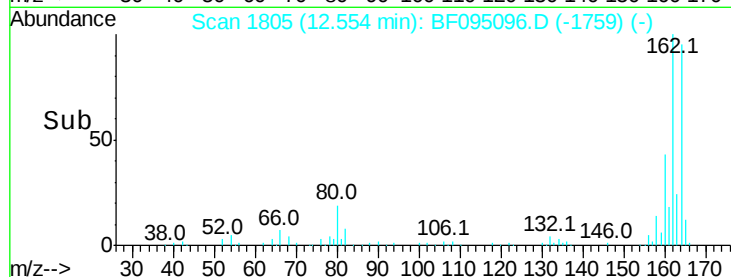
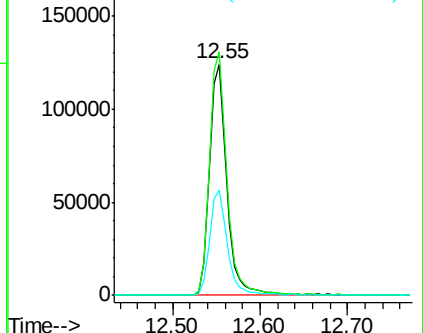
160 45.7 36.2 54.2



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: 128.25 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

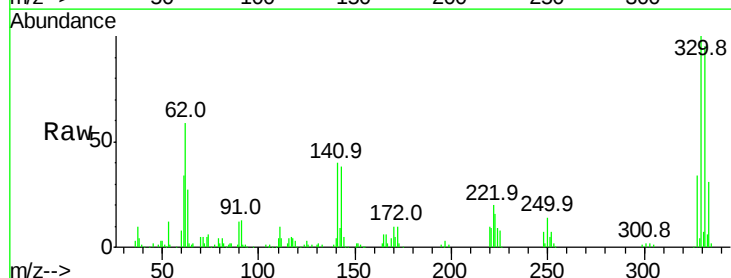
Tgt Ion:330 Resp: 181475

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

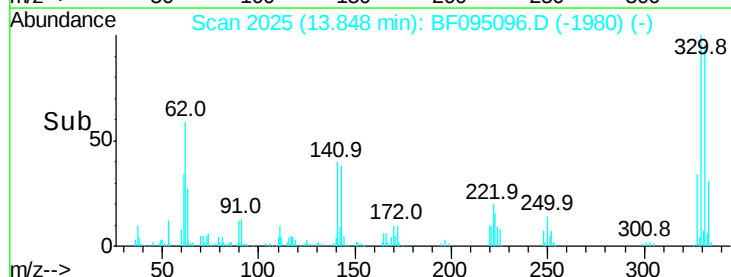
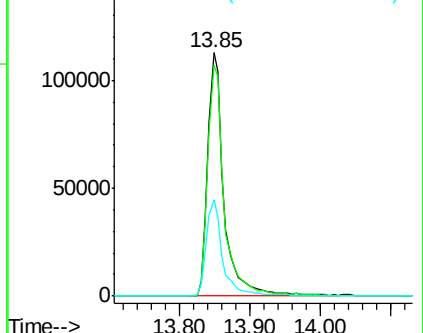
141 39.8 31.4 47.2



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

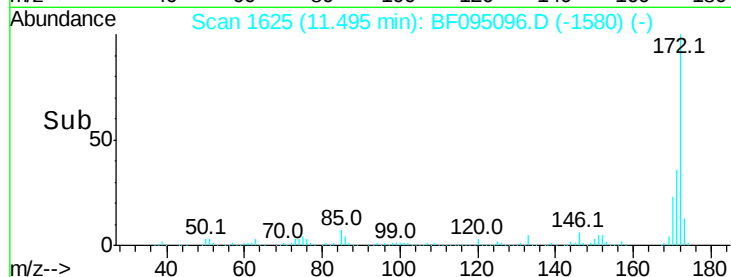
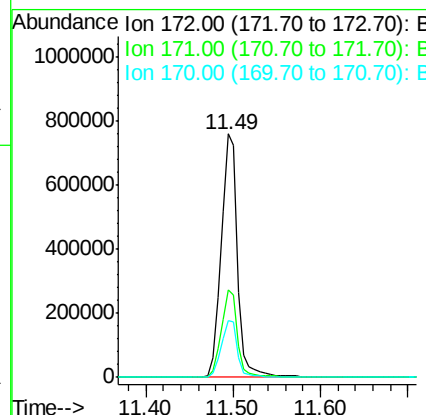
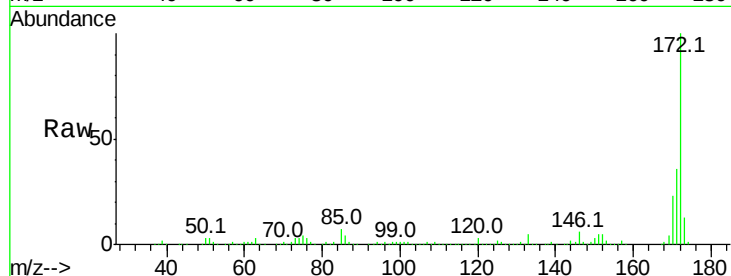




#44
 2-Fluorobiphenyl
 Concen: 82.38 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095096.D
 Acq: 11 May 2017 23:53

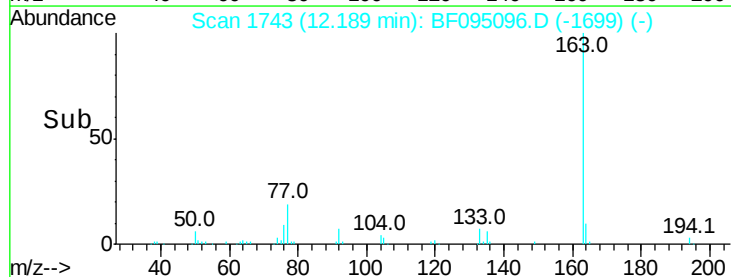
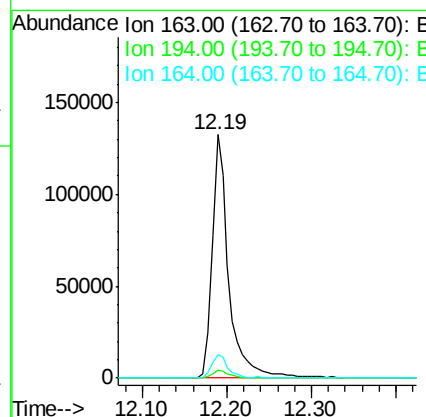
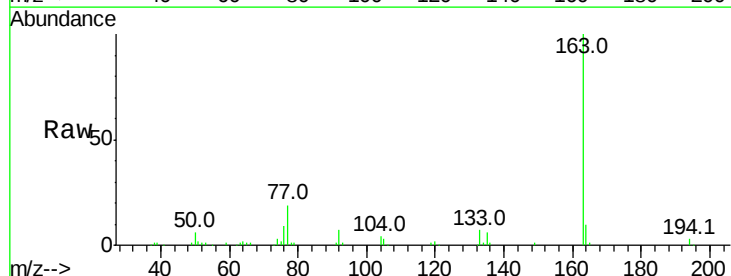
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_001

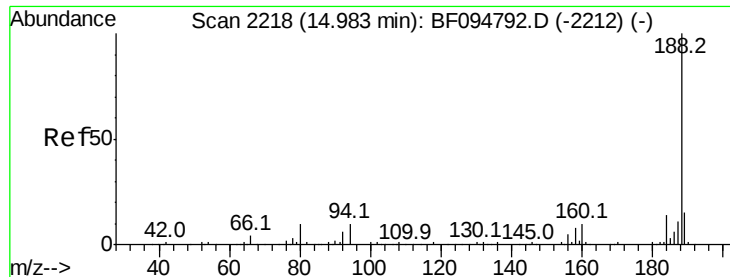
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8



#49
 Dimethylphthalate
 Concen: 12.87 ng
 RT: 12.19 min Scan# 1743
 Delta R.T. -0.04 min
 Lab File: BF095096.D
 Acq: 11 May 2017 23:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6

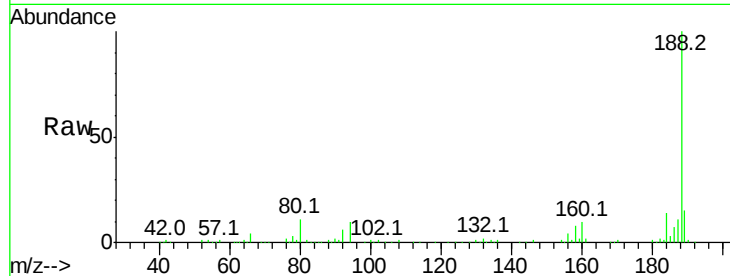




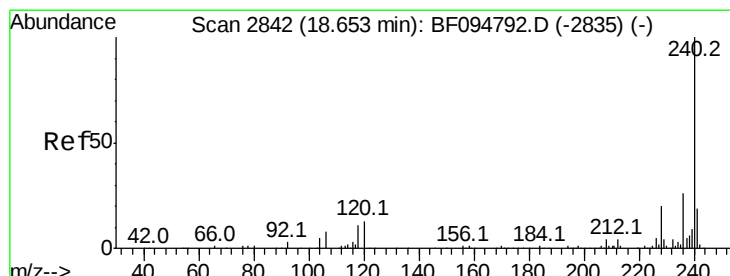
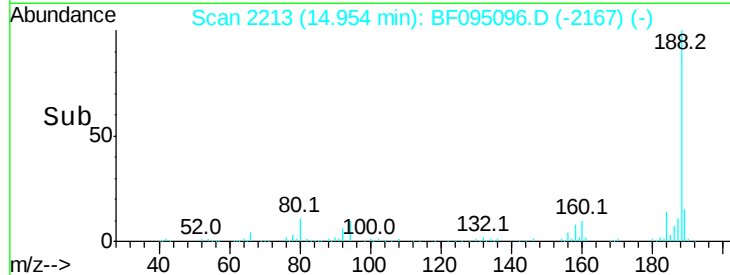
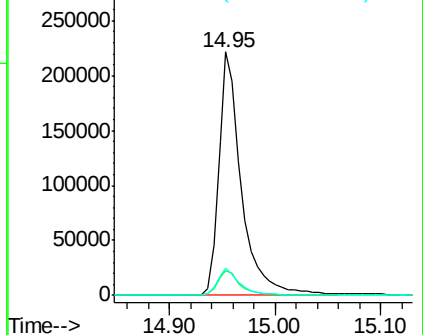
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 2213
 Delta R.T. -0.03 min
 Lab File: BF095096.D
 Acq: 11 May 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01_001

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.3	10.2	15.2

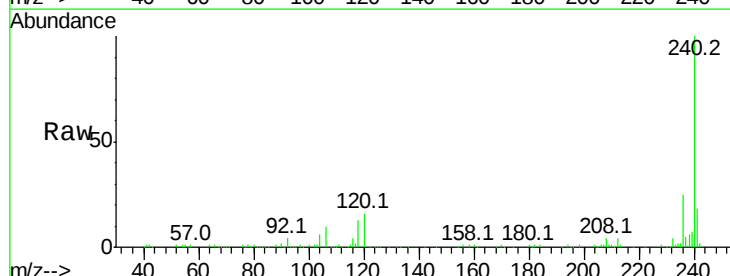


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

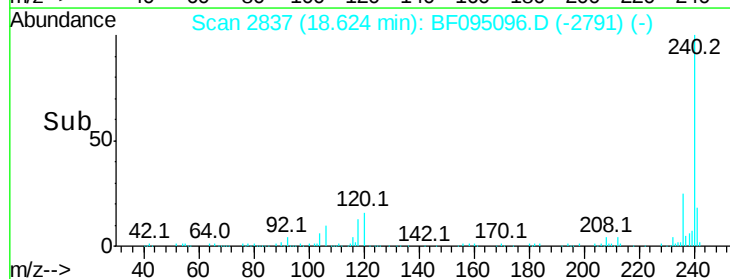
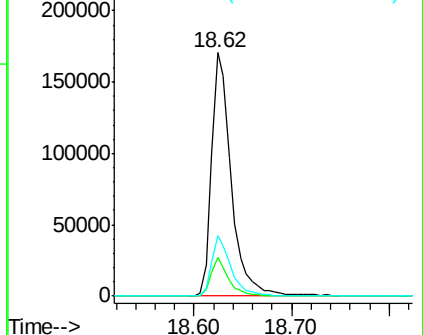


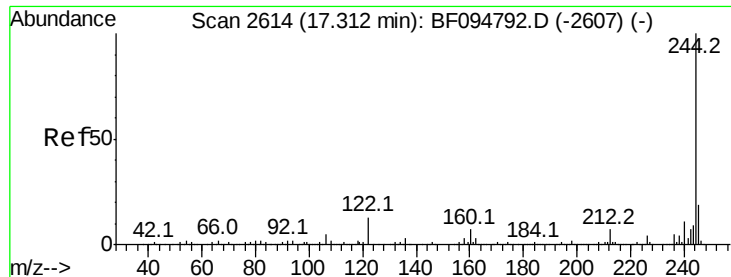
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.62 min Scan# 2837
 Delta R.T. -0.03 min
 Lab File: BF095096.D
 Acq: 11 May 2017 23:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	24.8	20.5	30.7



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: 80.33 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

Instrument :

BNA_F

ClientSampleId :

FK-PS-01_001

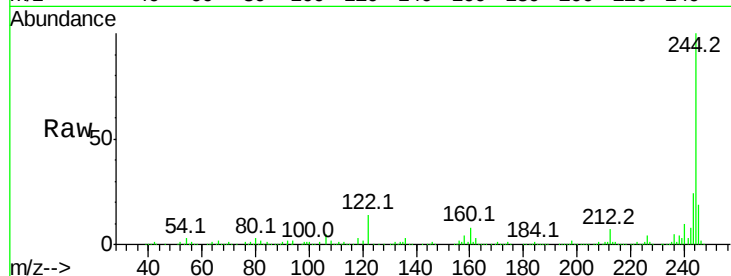
Tot Ion:244 Resp: 870465

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

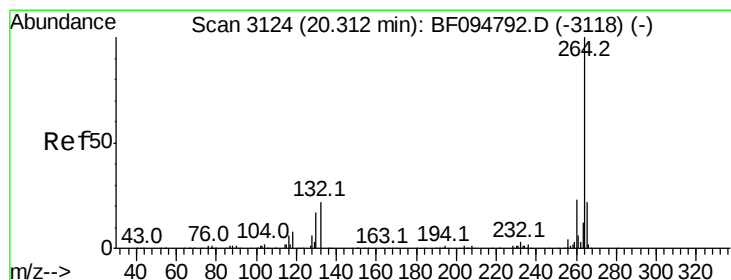
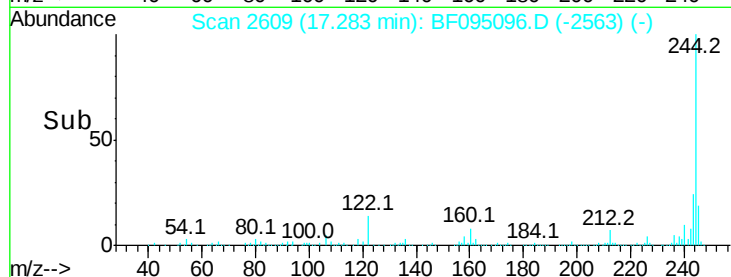
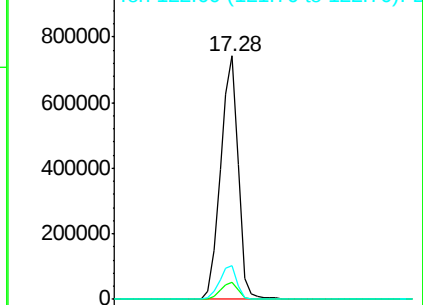
122 13.8 10.3 15.5



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: 20.00 ng

RT: 20.29 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BF095096.D

Acq: 11 May 2017 23:53

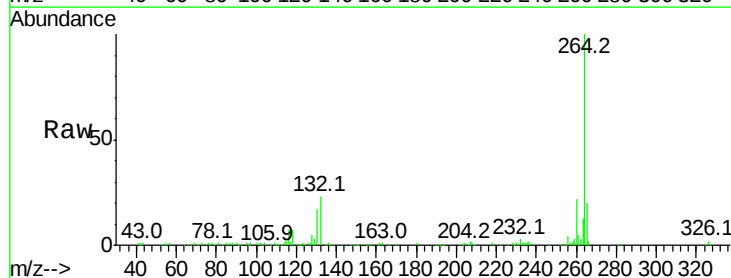
Tgt Ion:264 Resp: 185519

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 20.4 17.2 25.8



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

