

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095134.D
 Acq On : 15 May 2017 19:47
 Operator : SJ/MA
 Sample : I3144-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-002

Quant Time: May 16 08:03:27 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

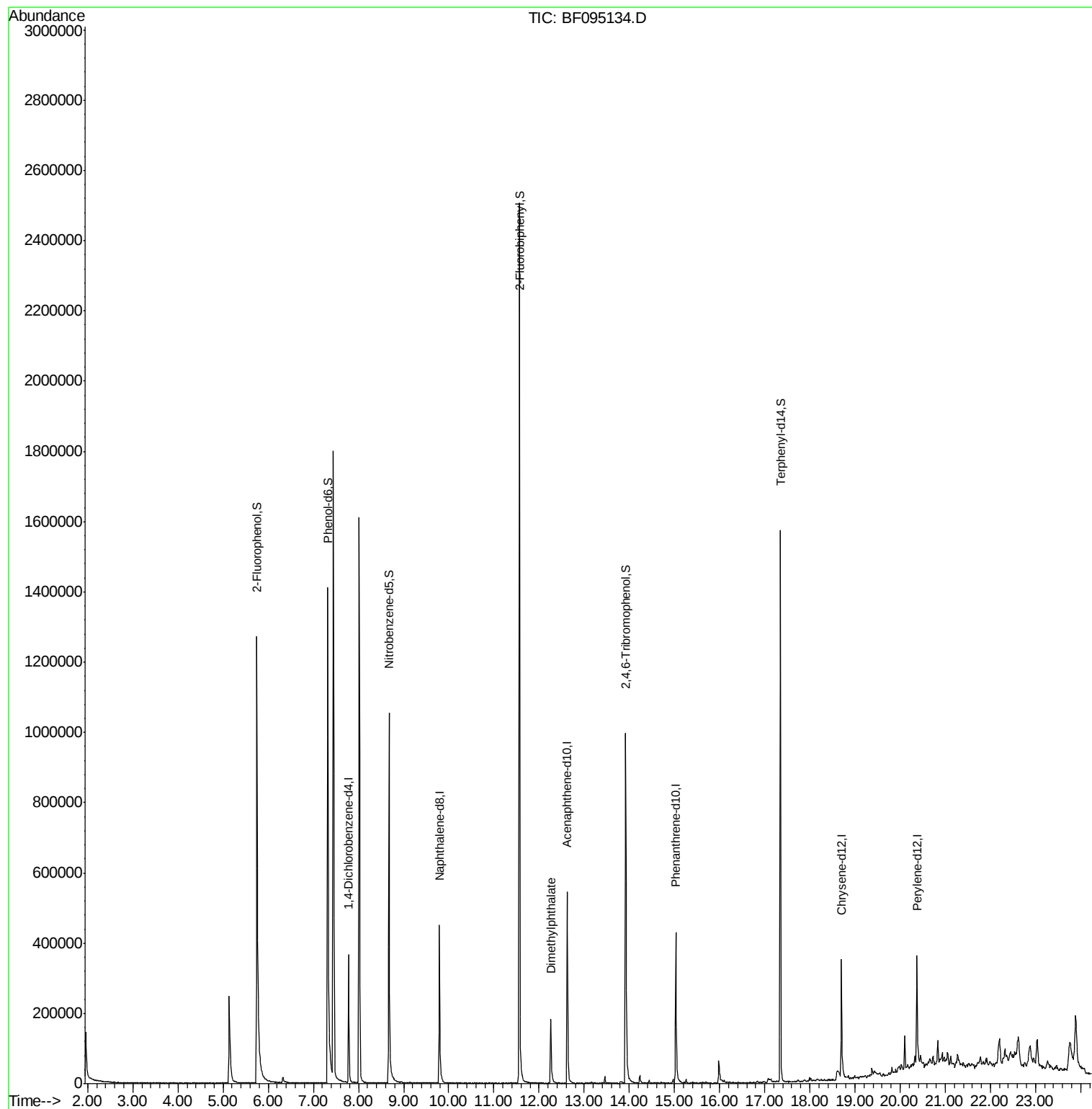
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82731	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	335294	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	168252	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	268522	20.00	ng	0.05
75) Chrysene-d12	18.70	240	170800	20.00	ng	0.05
86) Perylene-d12	20.37	264	169573	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	713533	143.79	ng	0.07
7) Phenol-d6	7.32	99	872777	146.59	ng	0.04
23) Nitrobenzene-d5	8.68	82	513456	96.57	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	186263	135.18	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1131627	96.81	ng	0.04
78) Terphenyl-d14	17.35	244	613622	79.13	ng	0.04
Target Compounds						Qvalue
49) Dimethylphthalate	12.26	163	150818	10.92	ng	97

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

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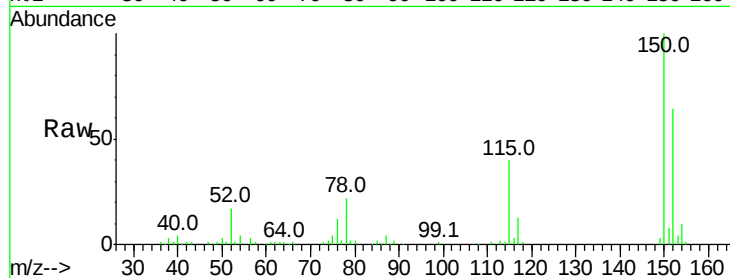


#1

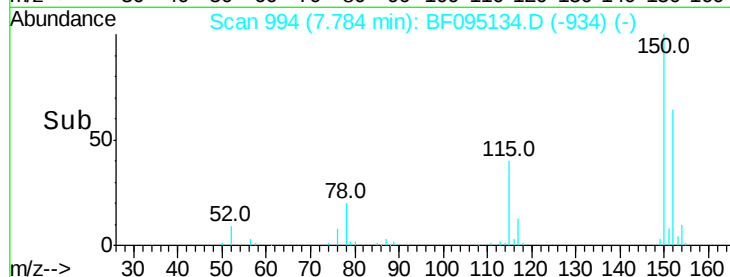
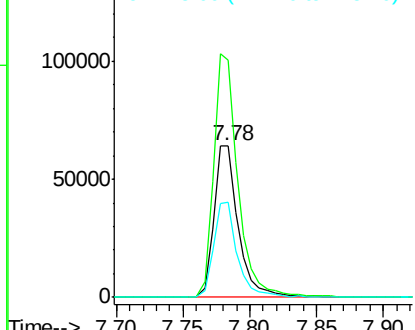
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-002

Tot Ion:152 Resp: 82731
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 62.4 52.2 78.2



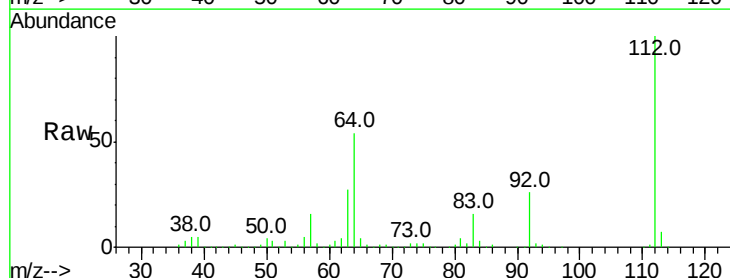
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



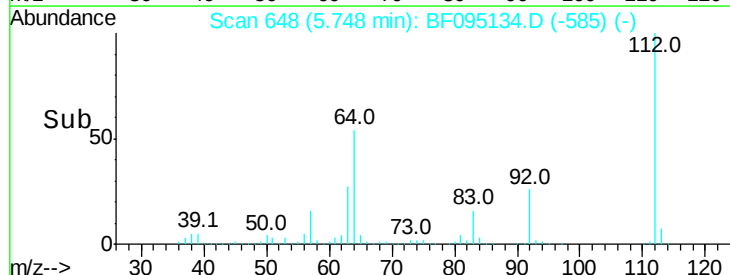
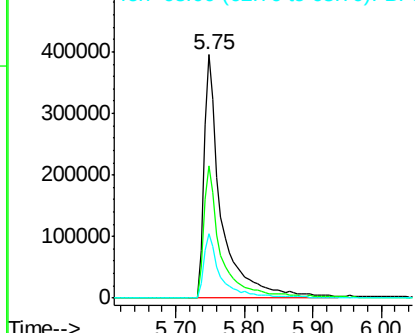
#5

2-Fluorophenol
Concen: 143.79 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Tgt Ion:112 Resp: 713533
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.5 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: 146.59 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-002

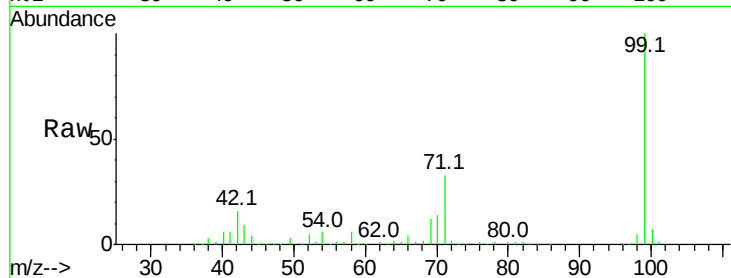
Tot Ion: 99 Resp: 872777

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

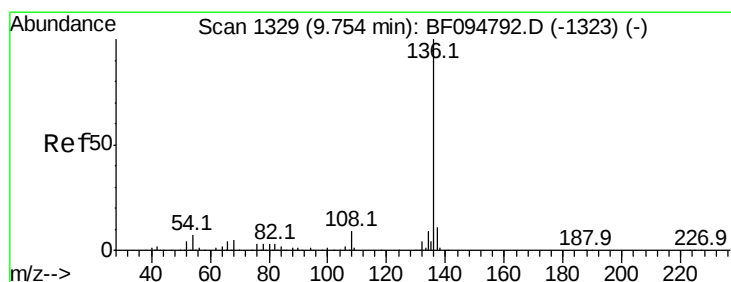
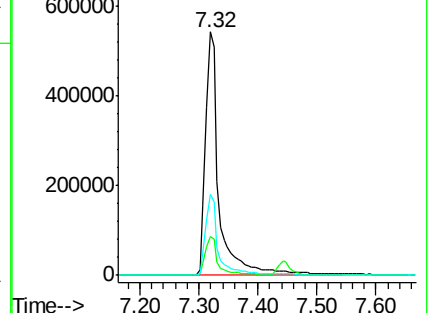
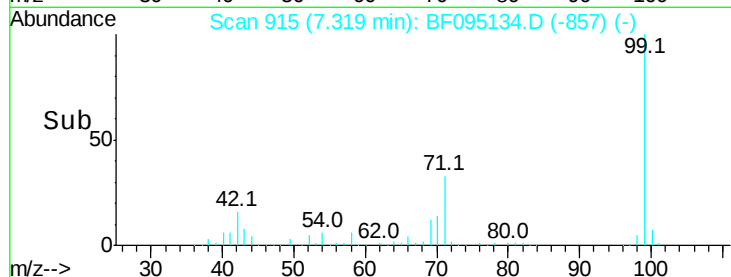
71 33.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Tgt Ion: 136 Resp: 335294

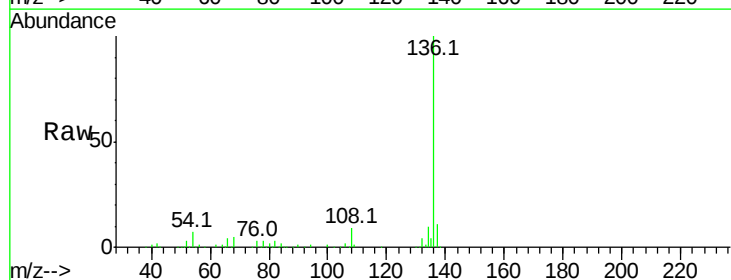
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 4.8 4.1 6.1

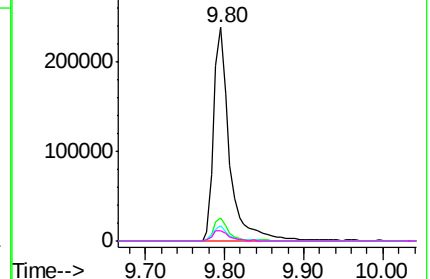
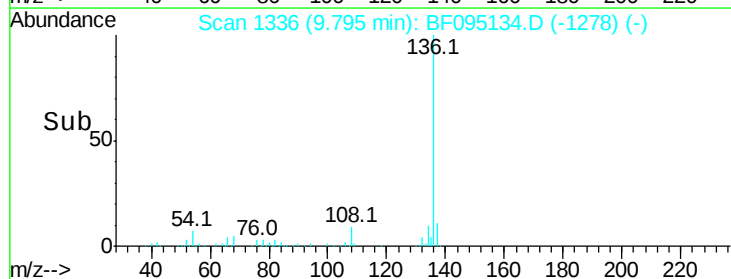


Abundance Ion 136.00 (135.70 to 136.70): E

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

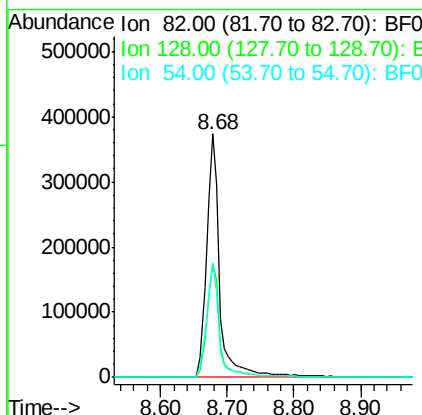
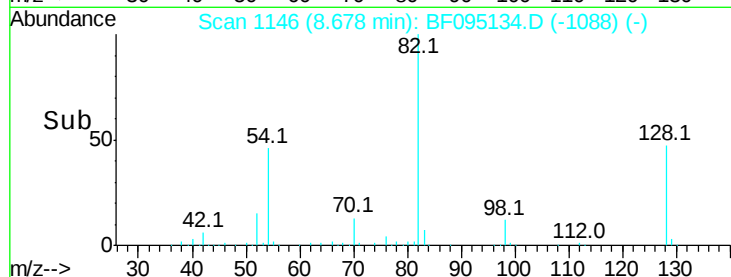
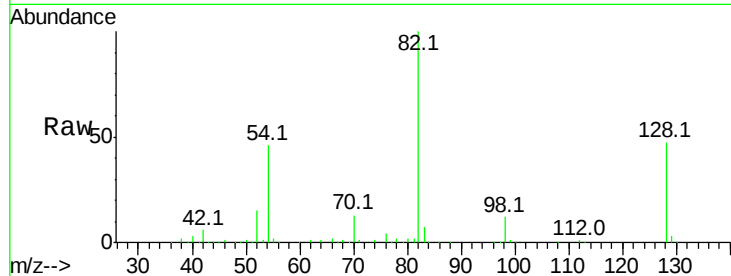




#23
Nitrobenzene-d5
Concen: 96.57 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

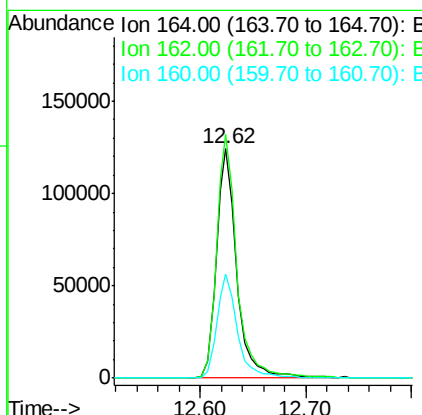
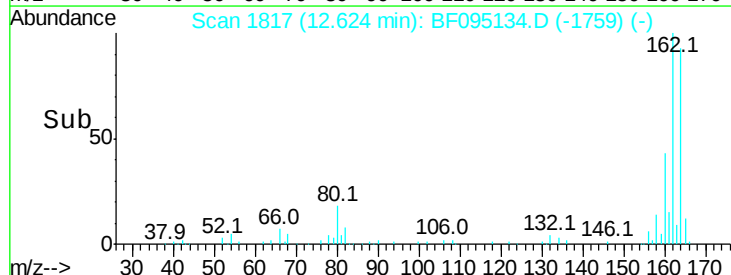
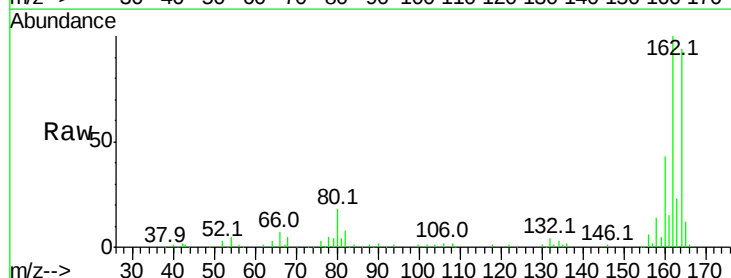
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-002

Tot Ion: 82 Resp: 513456
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 46.2 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Tgt Ion:164 Resp: 168252
Ion Ratio Lower Upper
164 100
162 106.4 82.6 123.8
160 45.2 36.2 54.2

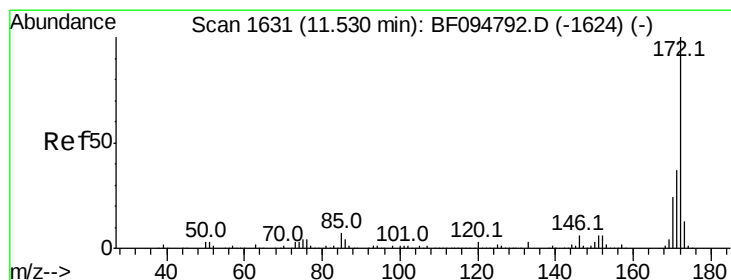
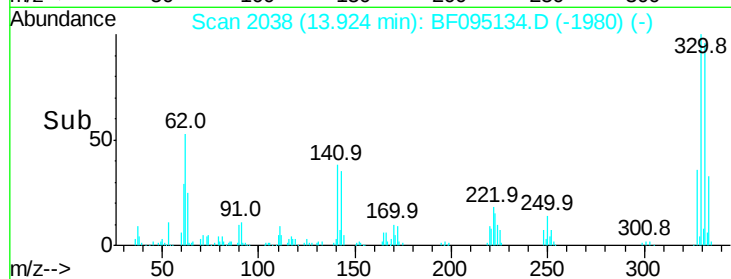
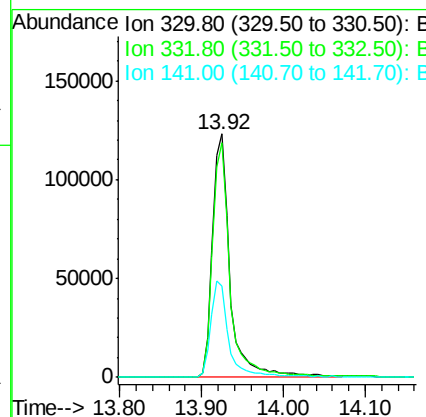
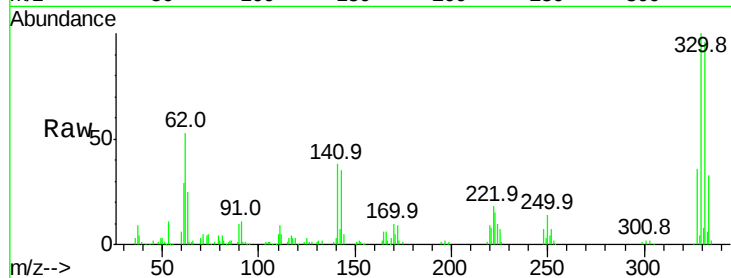




#41
 2,4,6-Tribromophenol
 Concen: 135.18 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095134.D
 Acq: 15 May 2017 19:47

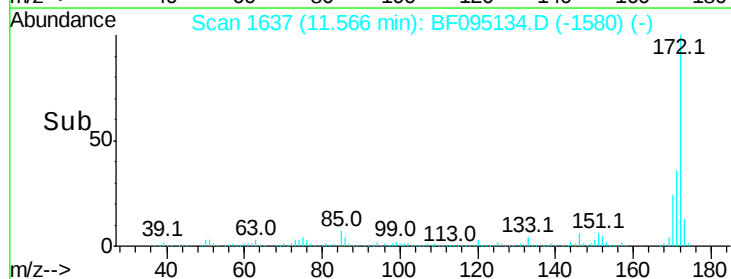
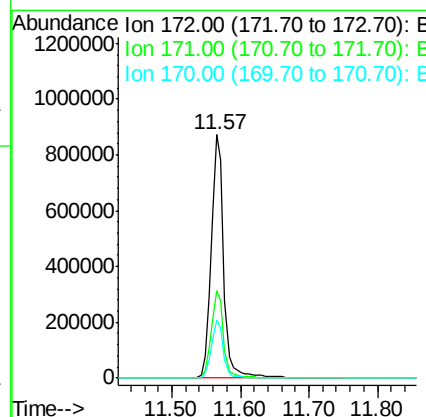
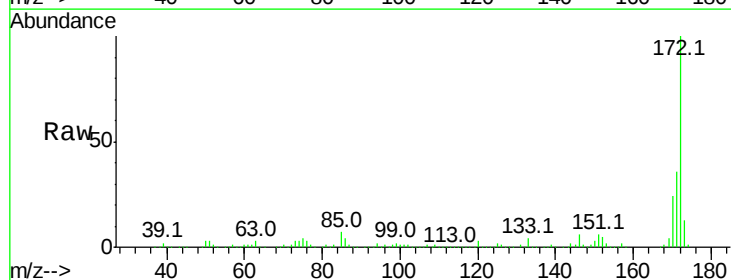
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-002

Tot Ion:330 Resp: 186263
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 39.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 96.81 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095134.D
 Acq: 15 May 2017 19:47

Tgt Ion:172 Resp: 1131627
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 19.8 29.8





#49

Dimethylphthalate

Concen: 10.92 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-002

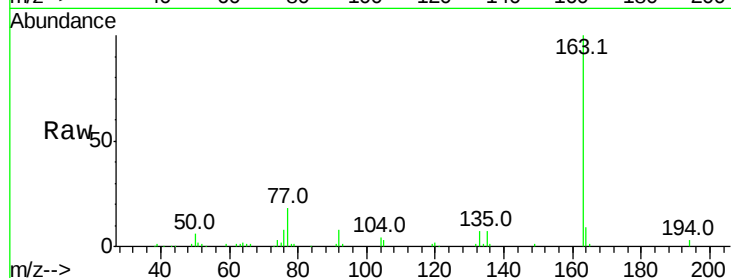
Tot Ion:163 Resp: 150818

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 8.9 8.4 12.6



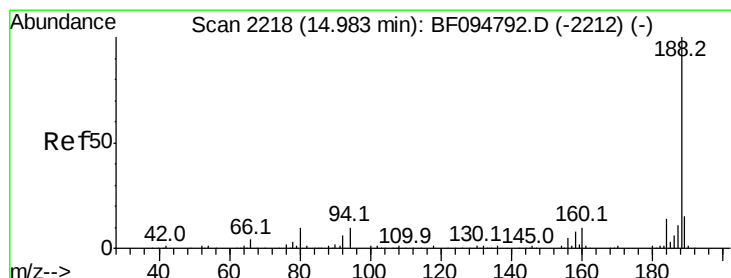
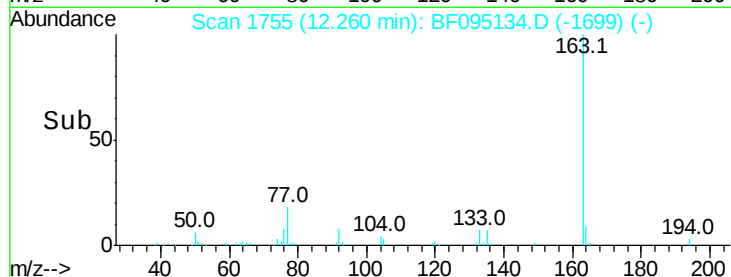
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.26

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.03 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

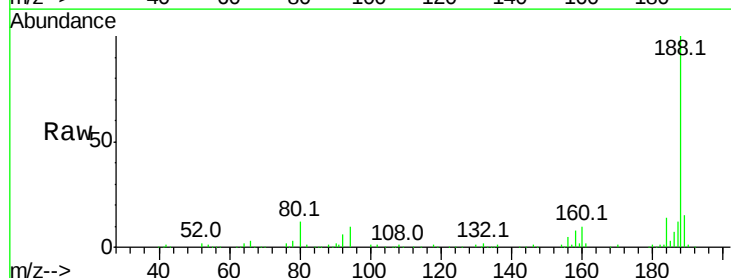
Tgt Ion:188 Resp: 268522

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

80 11.7 10.2 15.2



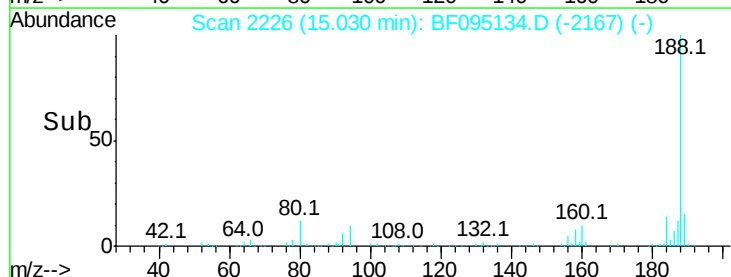
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

15.03

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-002

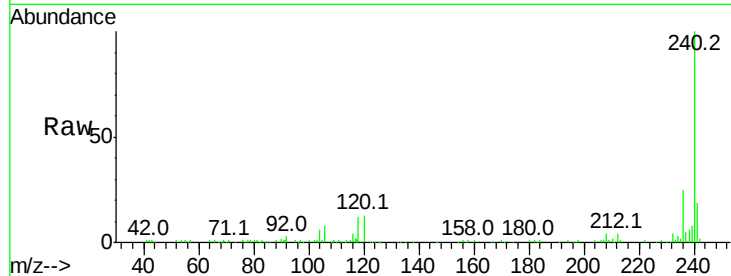
Tot Ion:240 Resp: 170800

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

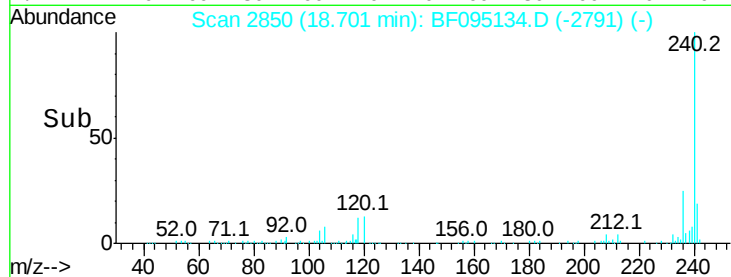
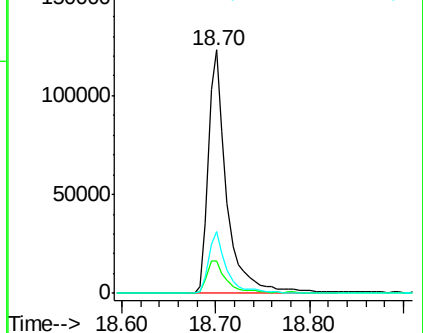
236 25.4 20.5 30.7



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: 79.13 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

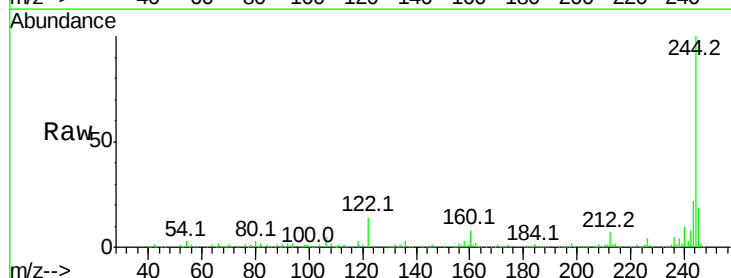
Tgt Ion:244 Resp: 613622

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

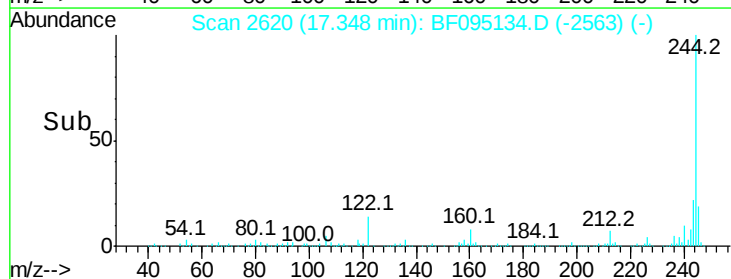
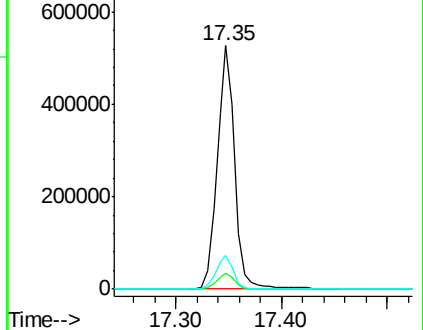
122 13.7 10.3 15.5

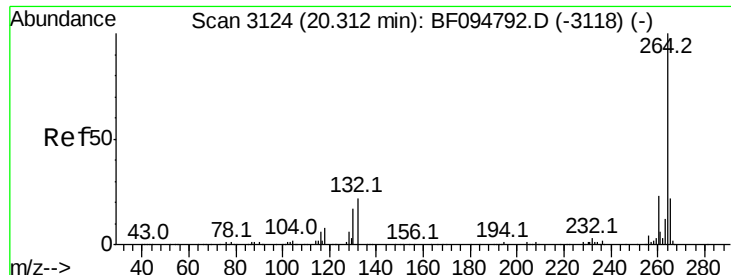


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

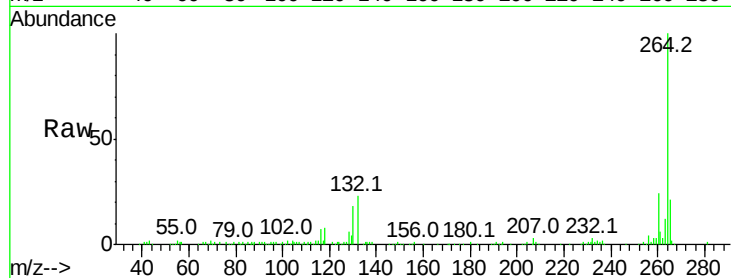




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-002

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	19.5	29.3	
265	21.4	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

