

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094931.D
 Acq On : 5 May 2017 22:51
 Operator : SJ/MA
 Sample : I2949-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-7.5-8.0

Quant Time: May 06 01:02:22 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

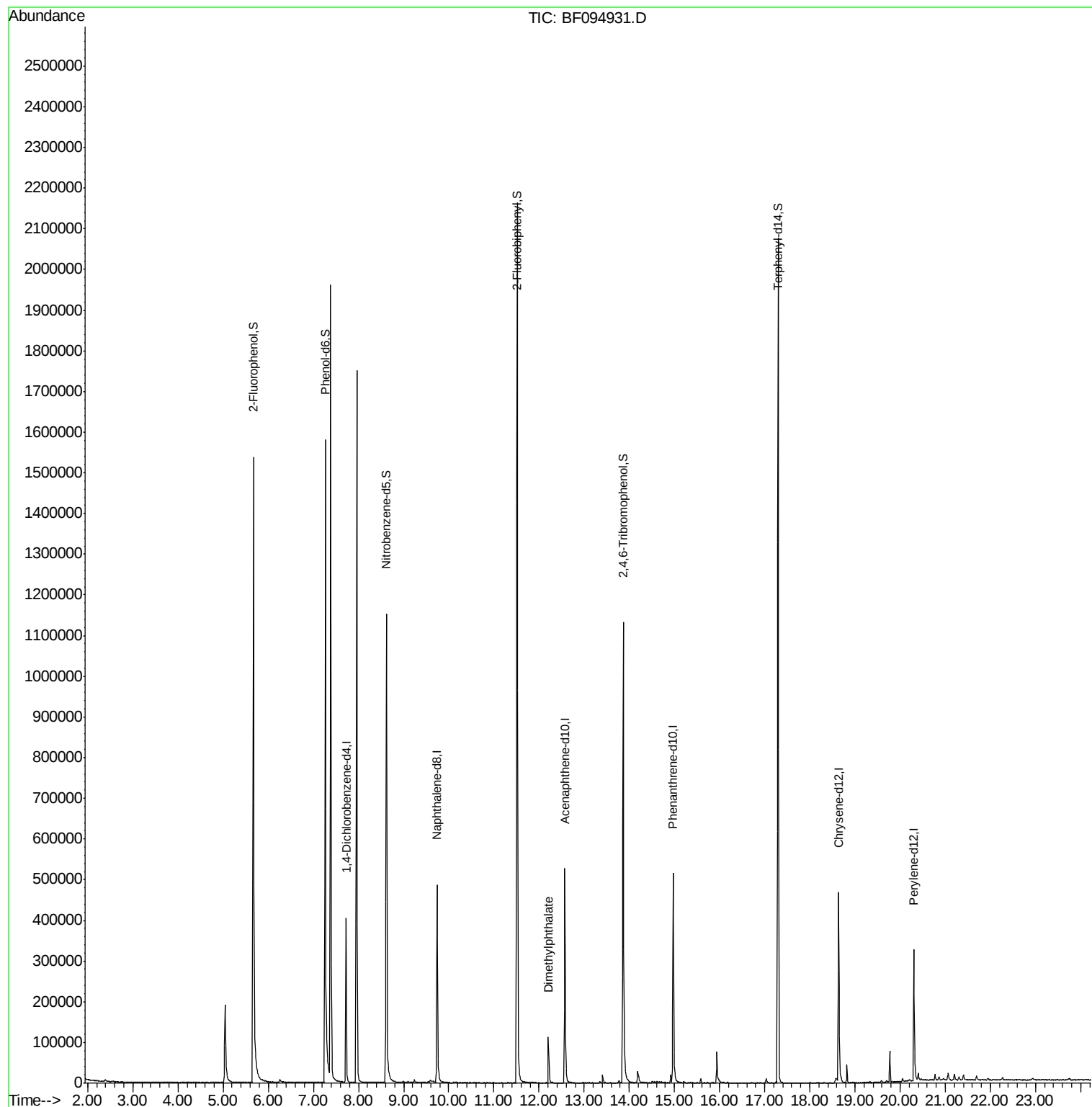
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	87413	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	366117	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165447	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	305006	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	239390	20.00	ng	-0.02
86) Perylene-d12	20.31	264	177410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	713677	136.12	ng	0.00
7) Phenol-d6	7.27	99	888819	141.29	ng	-0.01
23) Nitrobenzene-d5	8.62	82	554011	95.42	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	204987	151.29	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1034978	90.04	ng	-0.01
78) Terphenyl-d14	17.30	244	847952	78.02	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.21	163	85209	6.27	ng	Qvalue 97

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

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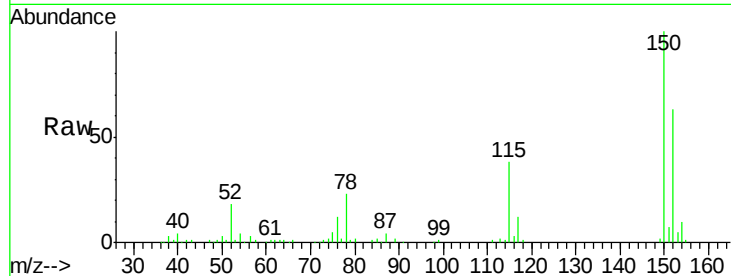


#1

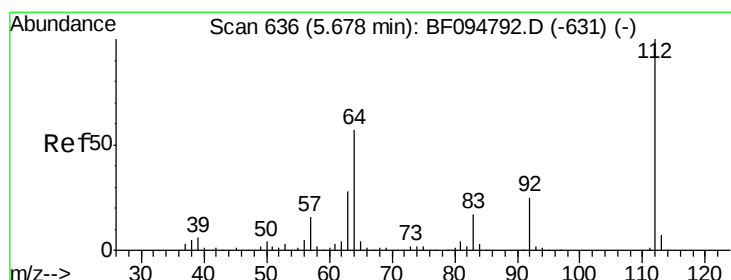
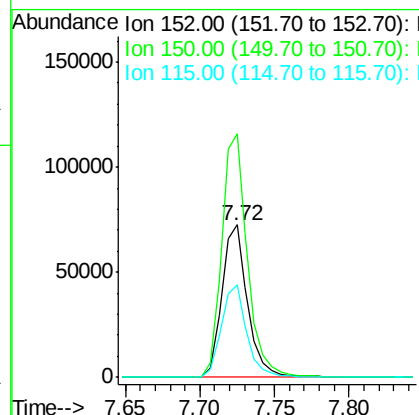
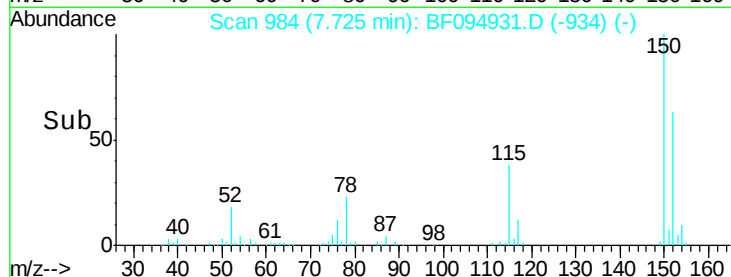
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SB-07-7.5-8.0

Tgt Ion:152 Resp: 87413
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 60.5 52.2 78.2



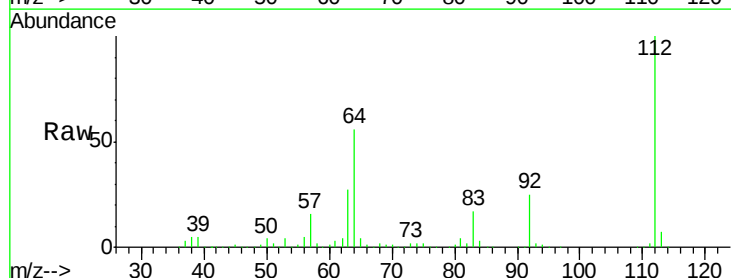
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



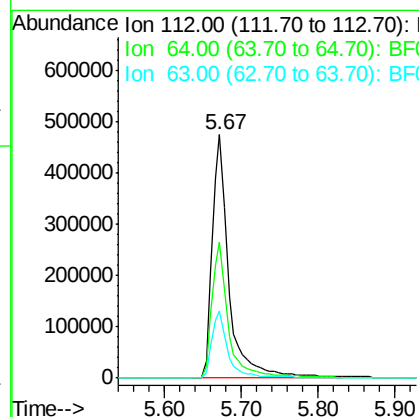
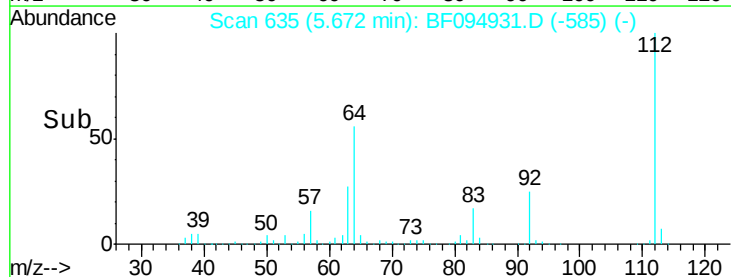
#5

2-Fluorophenol
Concen: 136.12 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Tgt Ion:112 Resp: 713677
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.4 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: 141.29 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0

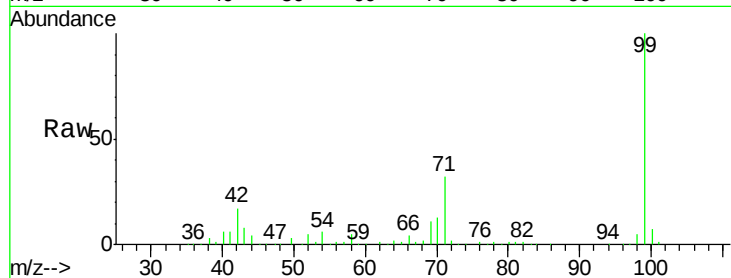
Tgt Ion: 99 Resp: 888819

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

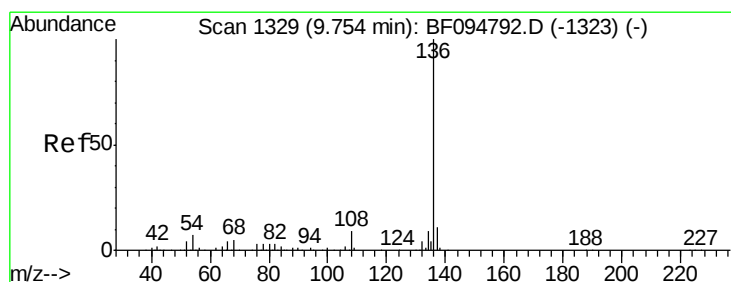
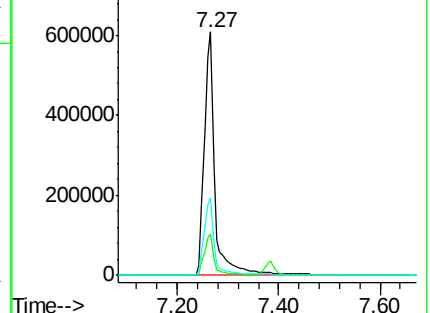
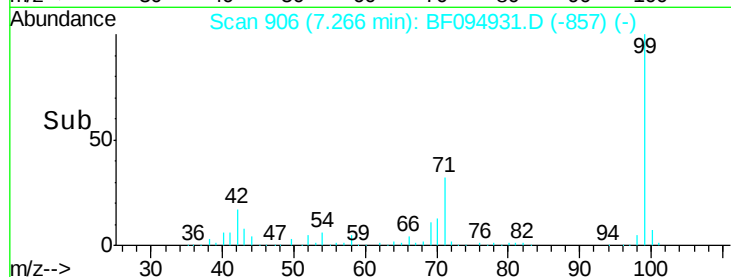
71 31.9 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Tgt Ion: 136 Resp: 366117

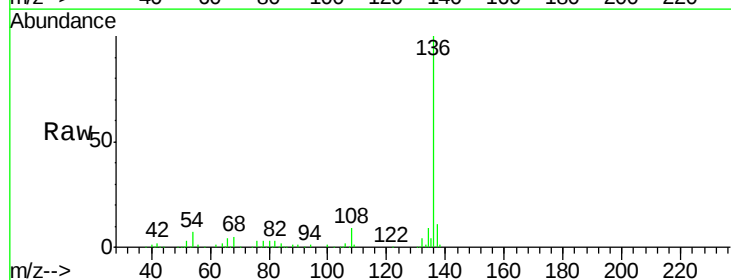
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

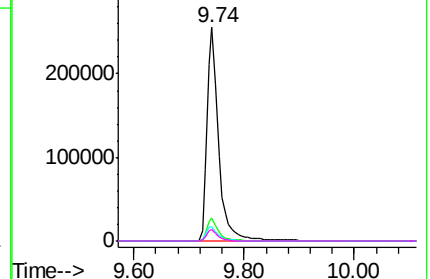
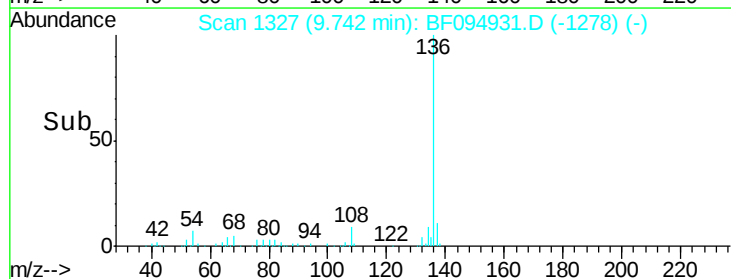


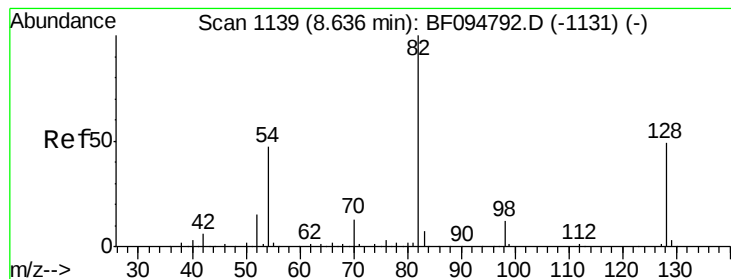
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.42 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0

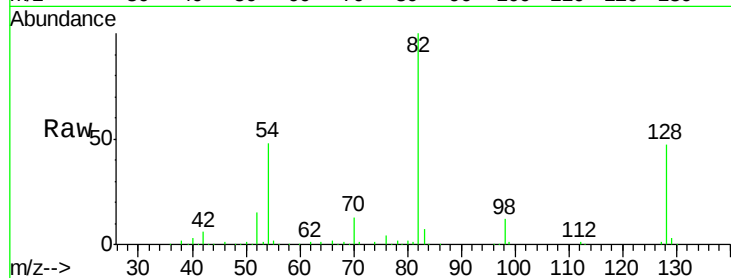
Tgt Ion: 82 Resp: 554011

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

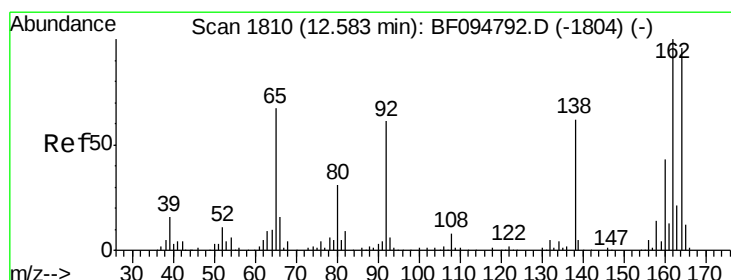
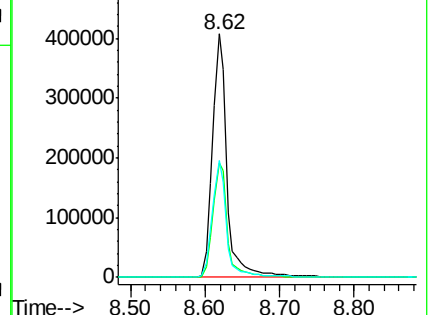
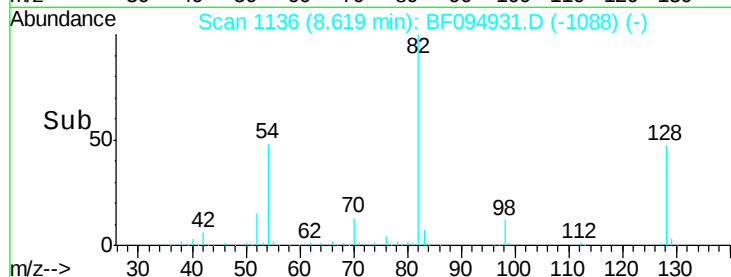
54 47.8 42.2 63.2



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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

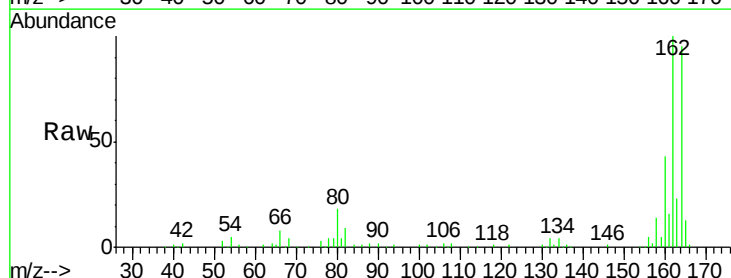
Tgt Ion: 164 Resp: 165447

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

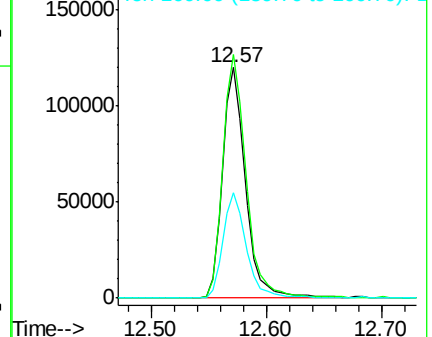
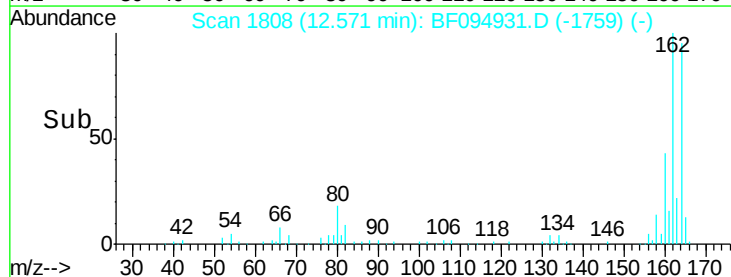
160 45.7 36.2 54.2



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

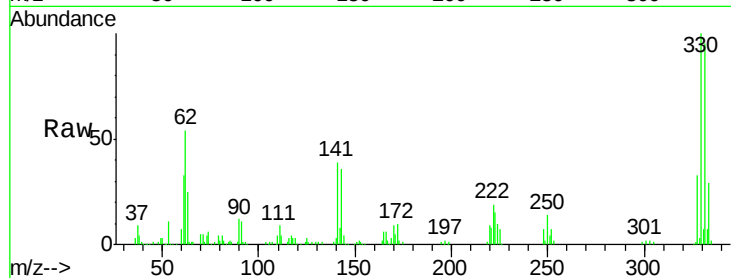




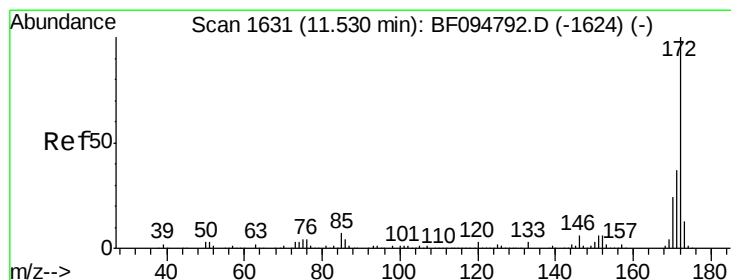
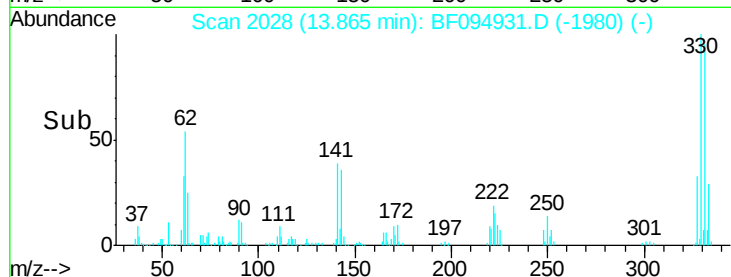
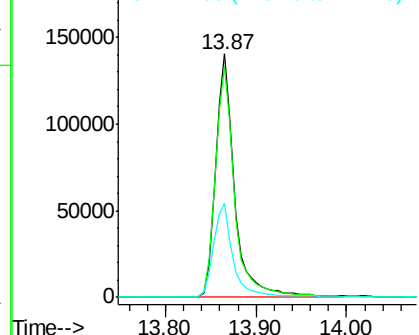
#41
 2,4,6-Tribromophenol
 Concen: 151.29 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094931.D
 Acq: 5 May 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-7.5-8.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.5	31.4	47.2

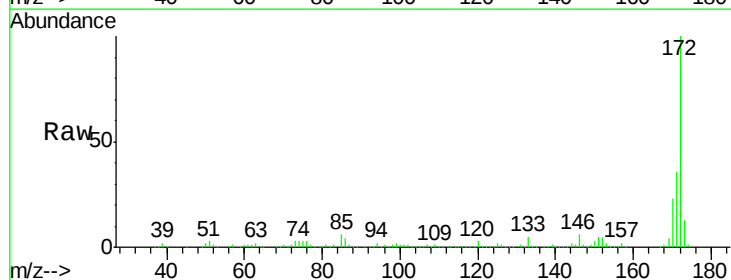


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

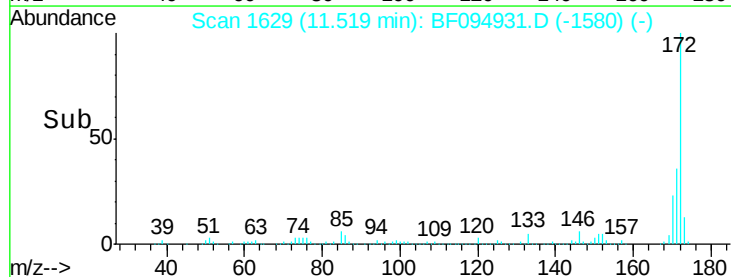
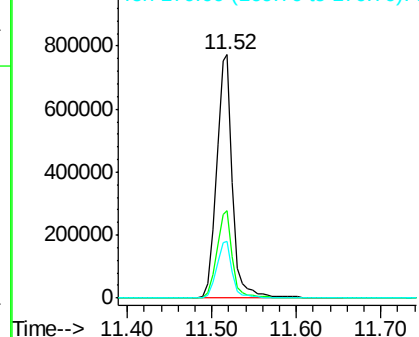


#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094931.D
 Acq: 5 May 2017 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8



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: 6.27 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

Instrument :

BNA_F

ClientSampleId :

SB-07-7.5-8.0

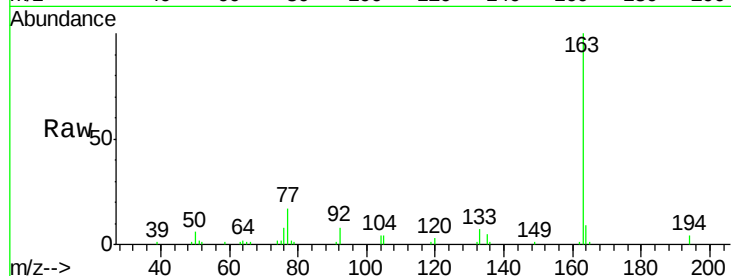
Tgt Ion:163 Resp: 85209

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

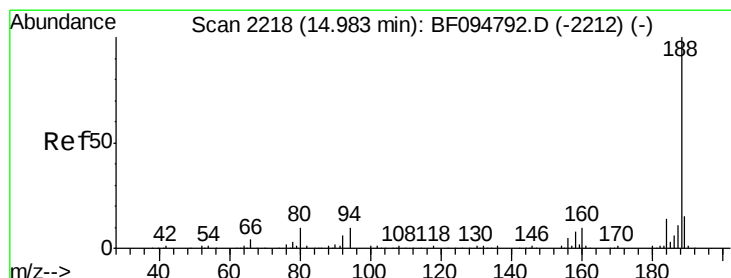
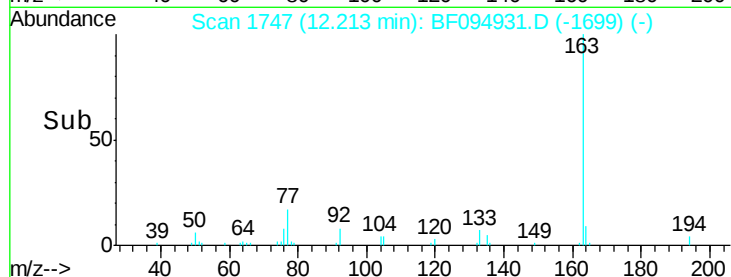
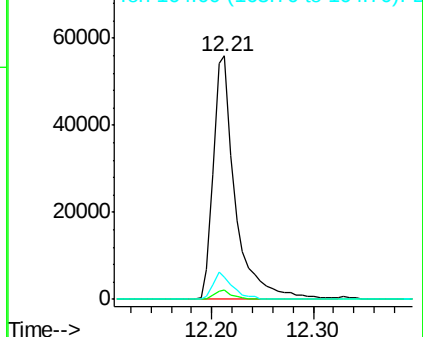
164 9.1 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094931.D

Acq: 5 May 2017 22:51

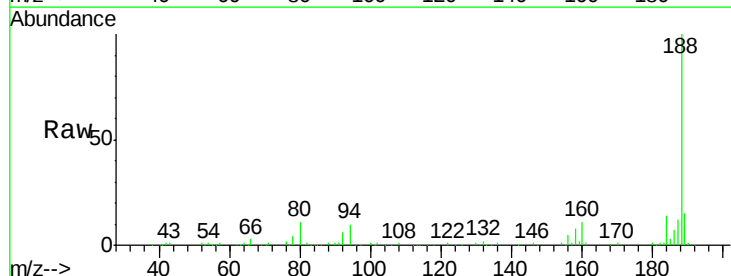
Tgt Ion:188 Resp: 305006

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

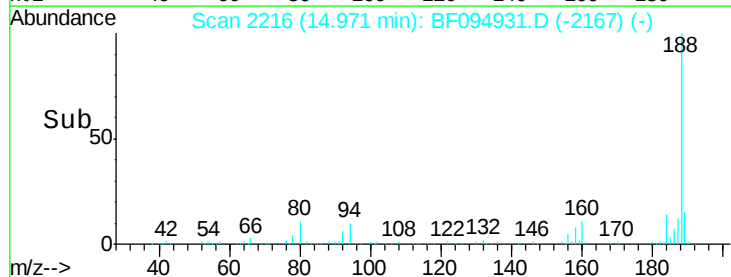
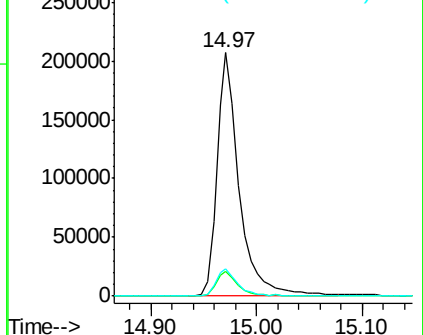
80 11.5 10.2 15.2

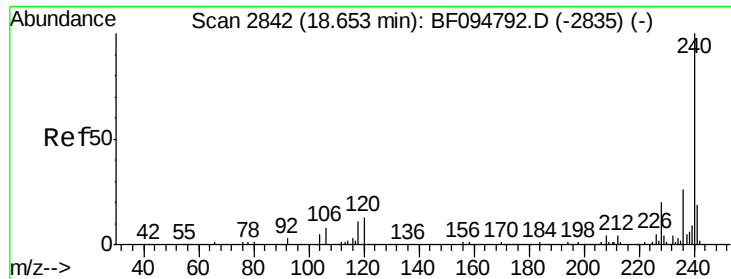


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

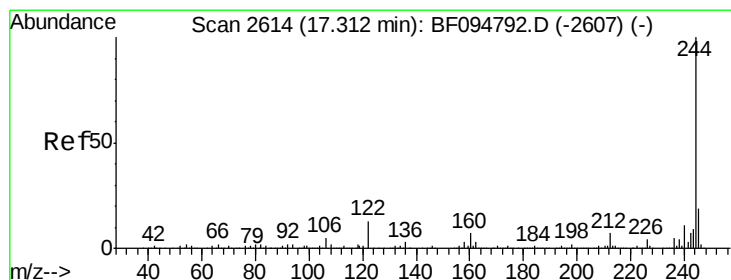
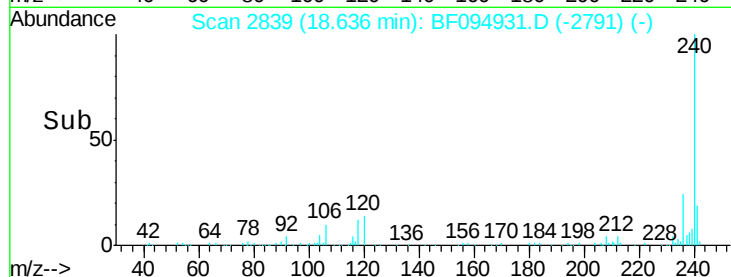
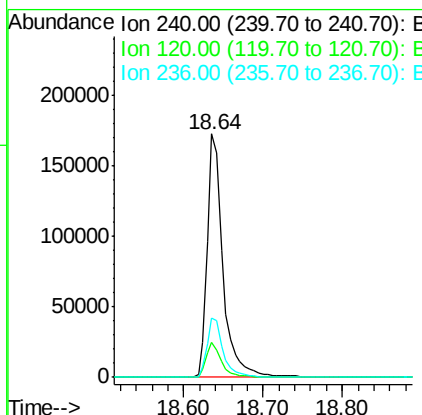
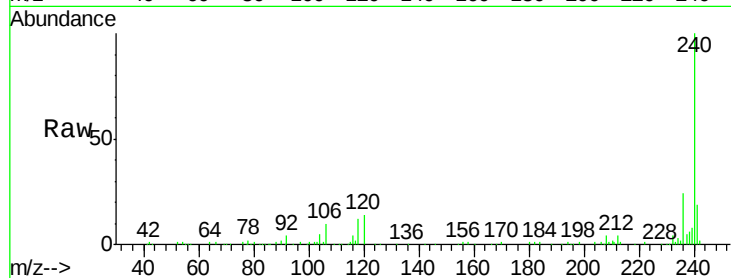




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

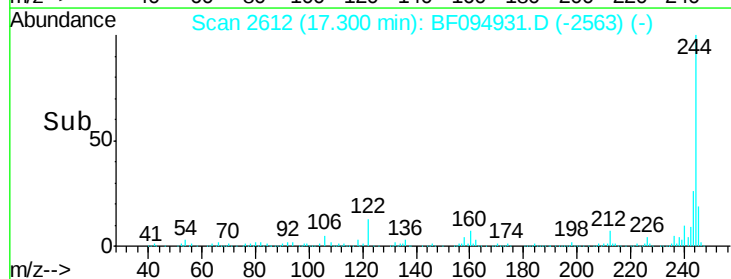
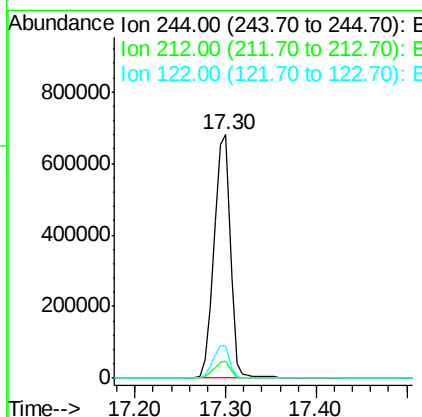
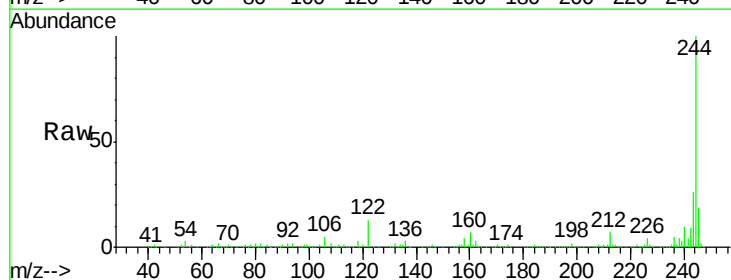
Instrument :
BNA_F
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SB-07-7.5-8.0

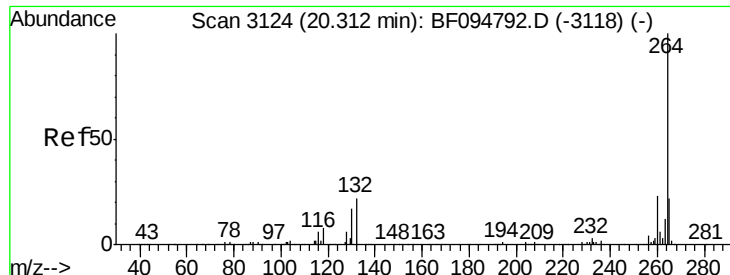
Tgt Ion:	240	Resp:	239390
Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.2	20.5	30.7



#78
Terphenyl-d14
Concen: 78.02 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Tgt Ion:	244	Resp:	847952
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.1	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094931.D
Acq: 5 May 2017 22:51

Instrument :
BNA_F
ClientSampleId :
SB-07-7.5-8.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	17.2	25.8

