

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094322.D
 Acq On : 10 Apr 2017 20:17
 Operator : SJ/MA
 Sample : I2601-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-26-S2(12-12.4)

Quant Time: Apr 11 02:00:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

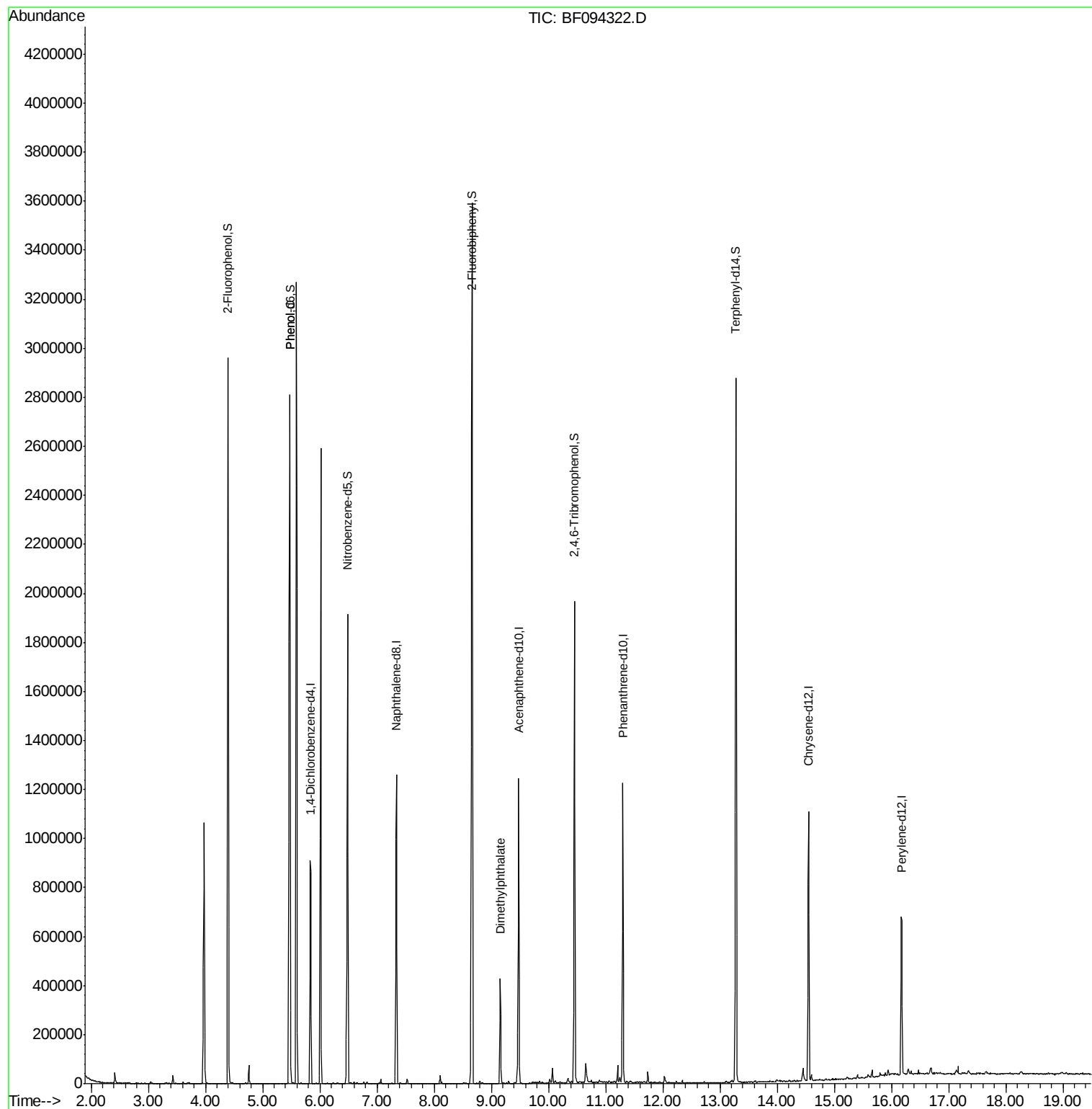
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	159953	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	638289	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	295589	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	525926	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	406529	20.00	ng	-0.02
86) Perylene-d12	16.17	264	267814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	944270	99.71	ng	0.01
7) Phenol-d6	5.47	99	1202551	102.65	ng	0.01
23) Nitrobenzene-d5	6.49	82	744889	66.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	258144	110.52	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1364592	70.41	ng	-0.02
78) Terphenyl-d14	13.28	244	1126196	62.10	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	87713	6.58	ng	99
49) Dimethylphthalate	9.16	163	189602	9.02	ng	99

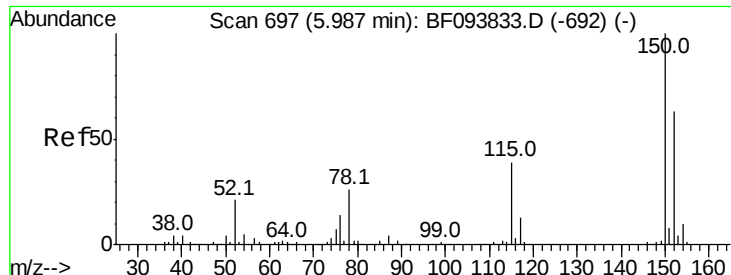
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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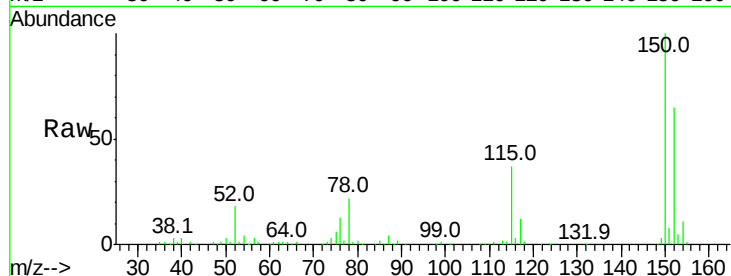


#1

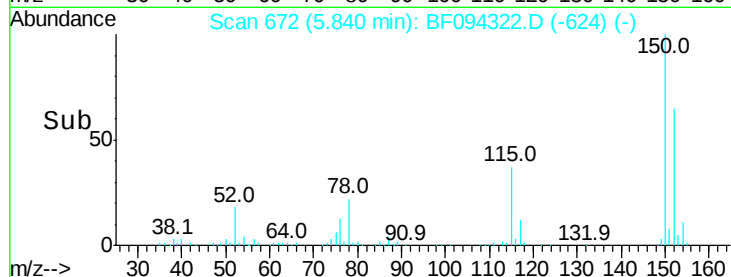
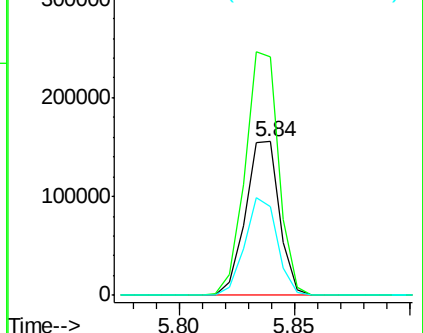
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

Instrument :
BNA_F
ClientSampleId :
B-26-S2(12-12.4)

Tot Ion:152 Resp: 159953
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 57.8 52.2 78.2



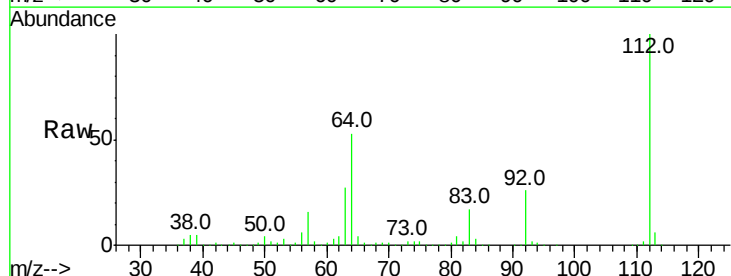
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



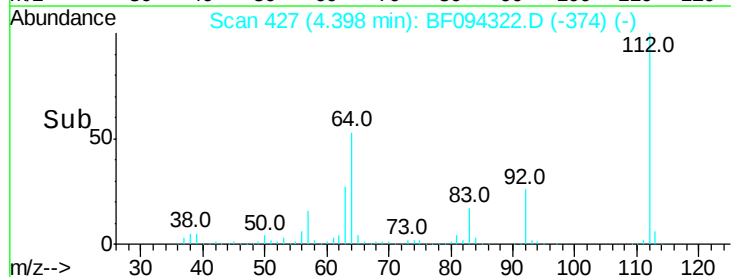
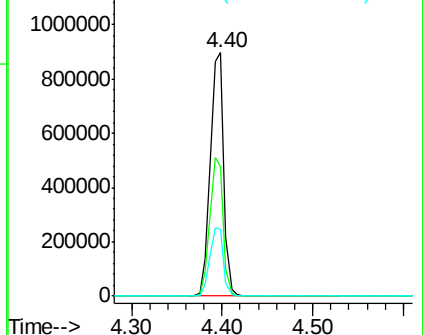
#5

2-Fluorophenol
Concen: 99.71 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

Tgt Ion:112 Resp: 944270
Ion Ratio Lower Upper
112 100
64 53.1 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: 102.65 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

Instrument :

BNA_F

ClientSampleId :

B-26-S2(12-12.4)

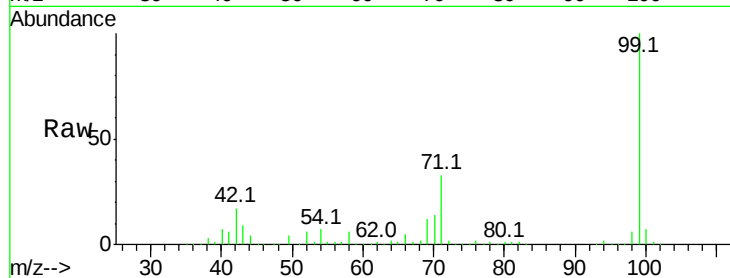
Tot Ion: 99 Resp: 1202551

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

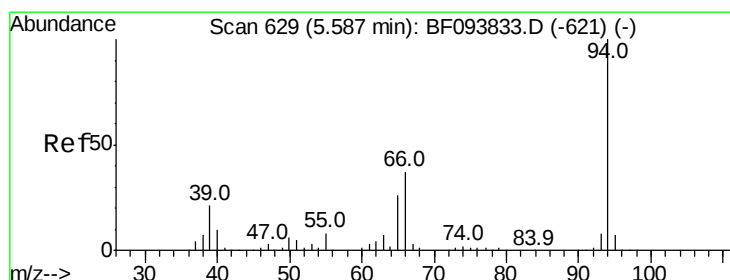
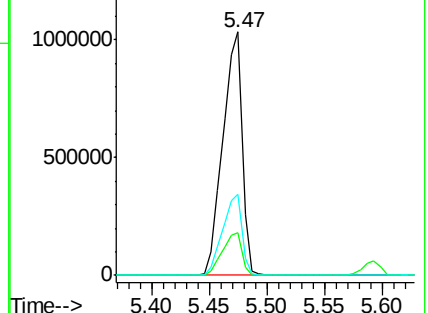
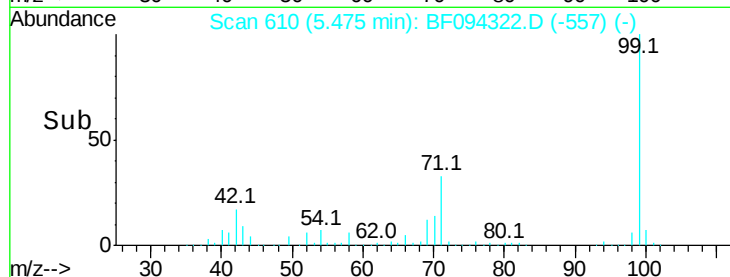
71 33.0 24.5 36.7



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: 6.58 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

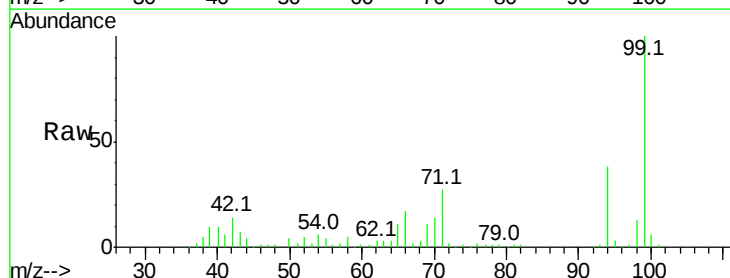
Tgt Ion: 94 Resp: 87713

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

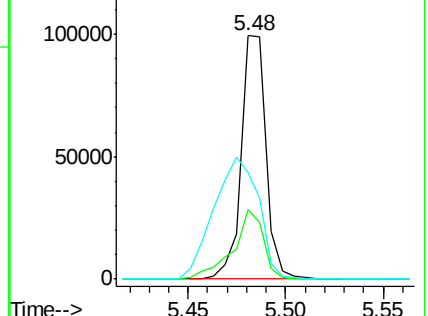
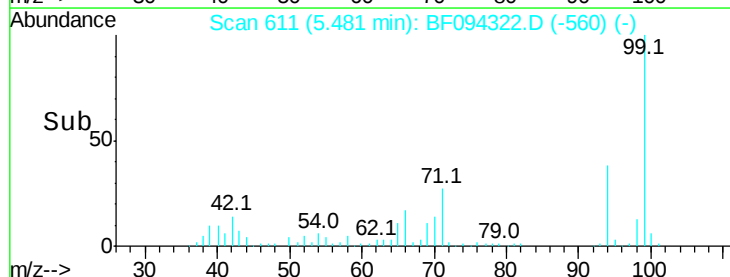
66 43.7 23.1 63.1



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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

Instrument :

BNA_F

ClientSampleId :

B-26-S2(12-12.4)

Tot Ion:136 Resp: 638289

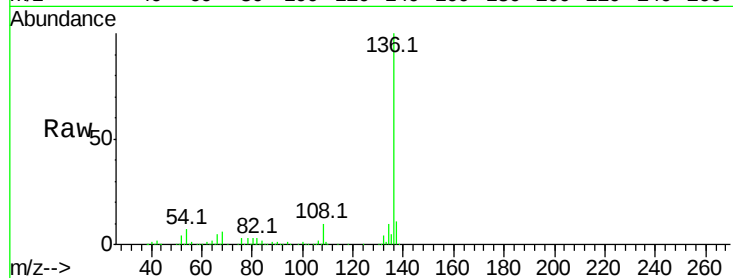
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

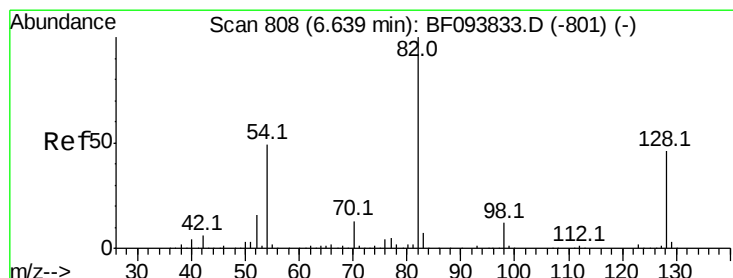
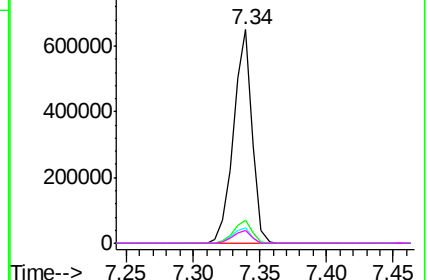
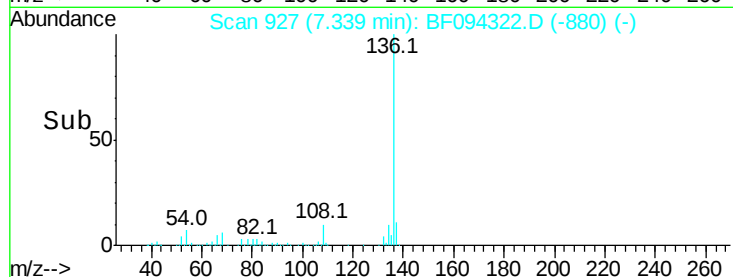


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.60 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094322.D

Acq: 10 Apr 2017 20:17

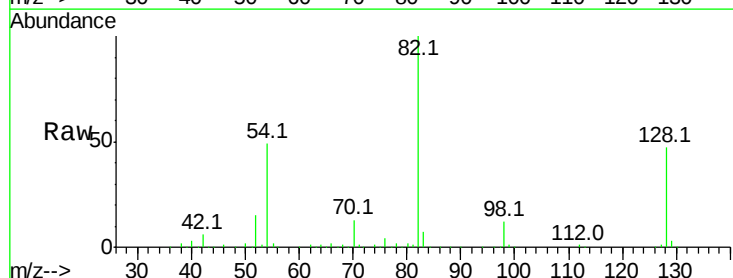
Tgt Ion: 82 Resp: 744889

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

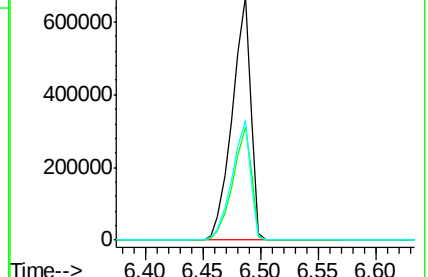
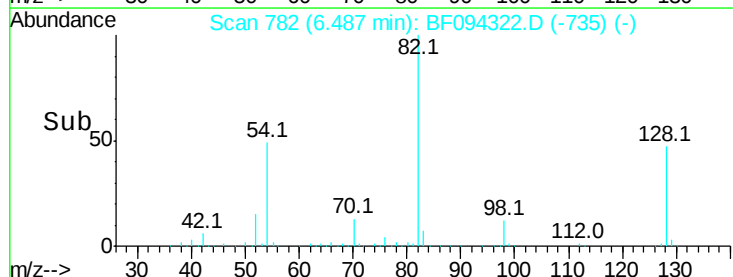
54 49.1 42.2 63.2



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

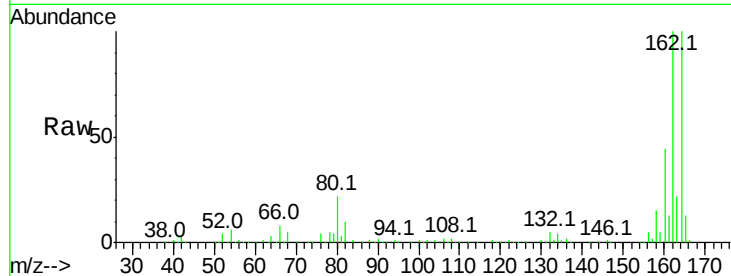




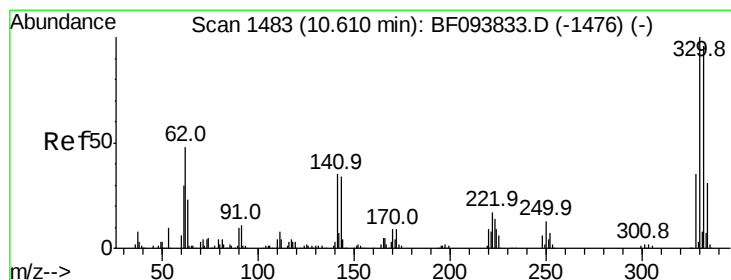
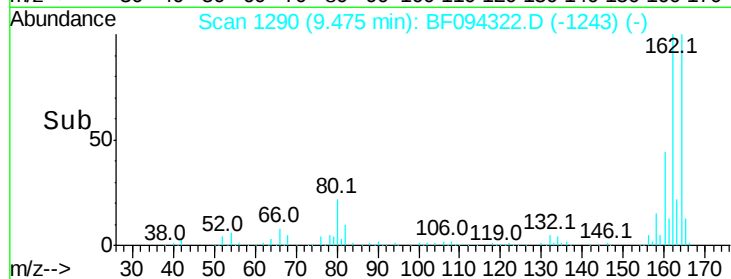
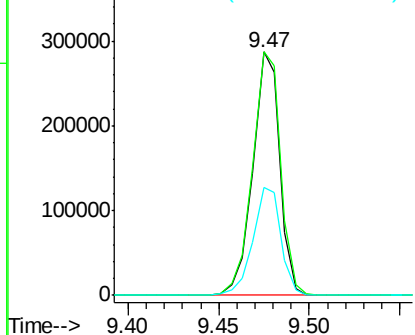
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 B-26-S2(12-12.4)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	44.4	36.2	54.2

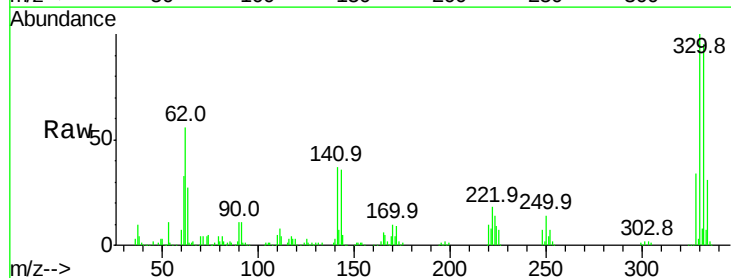


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

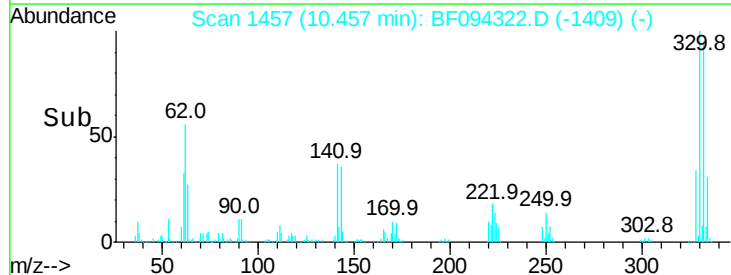
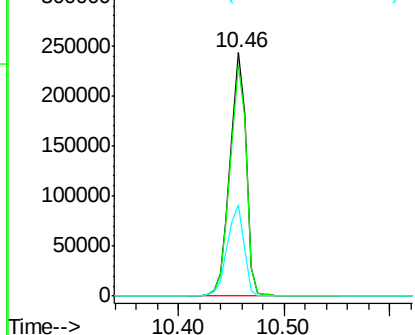


#41
 2,4,6-Tribromophenol
 Concen: 110.52 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.8	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



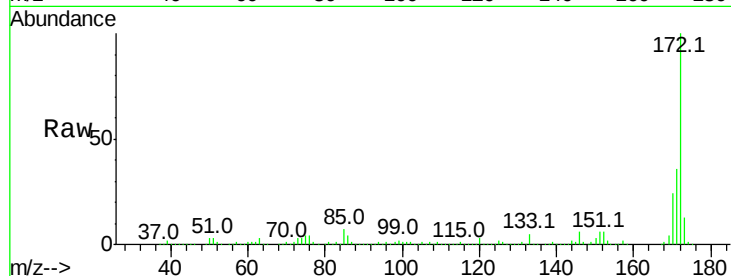


#44
 2-Fluorobiphenyl
 Concen: 70.41 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

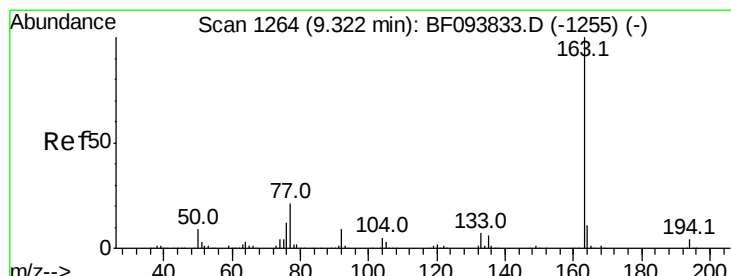
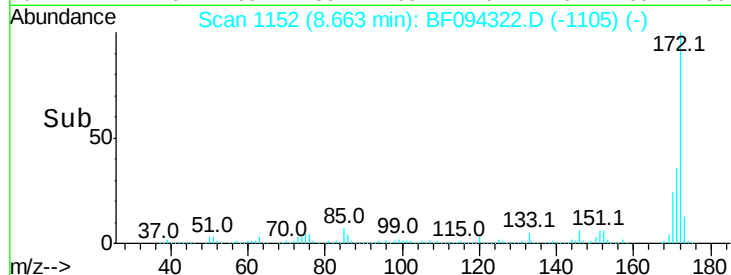
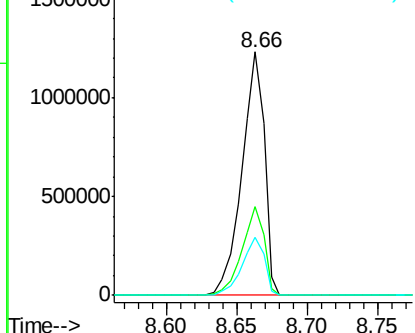
Instrument :
 BNA_F
 ClientSampleId :
 B-26-S2(12-12.4)

Tot Ion:172 Resp: 1364592

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8



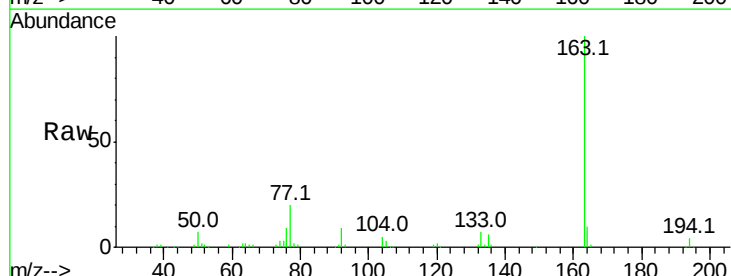
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



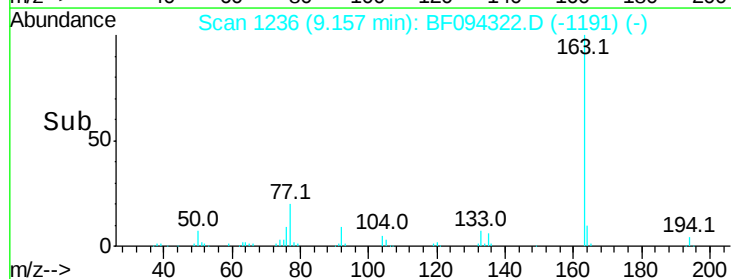
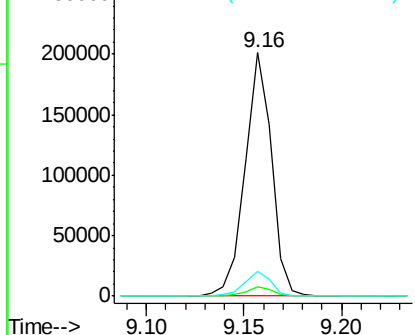
#49
 Dimethylphthalate
 Concen: 9.02 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

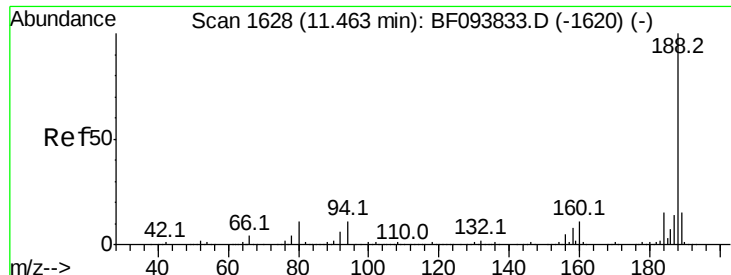
Tgt Ion:163 Resp: 189602

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.4	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

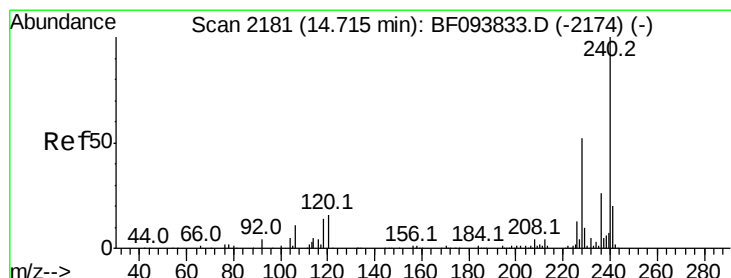
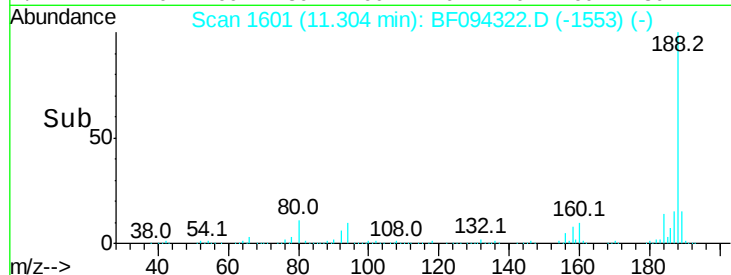
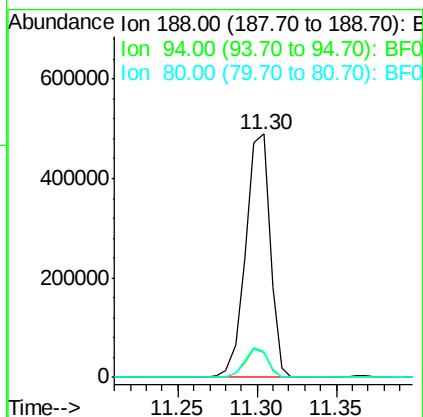
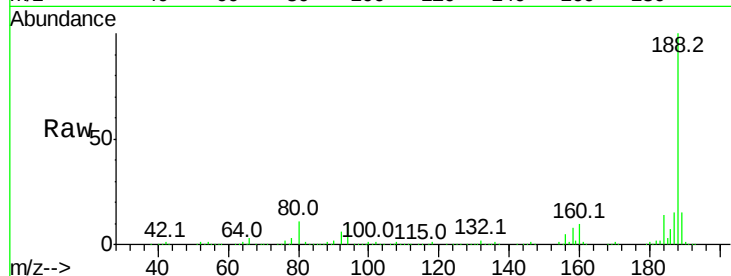




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

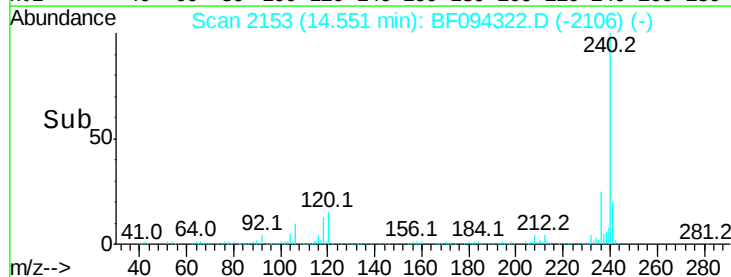
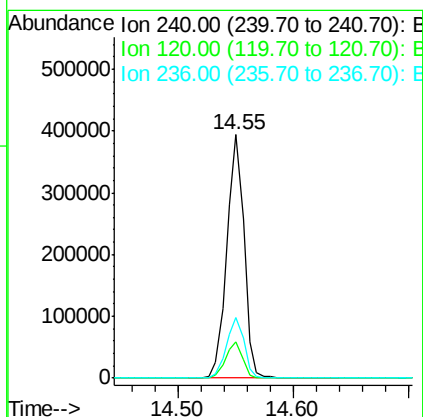
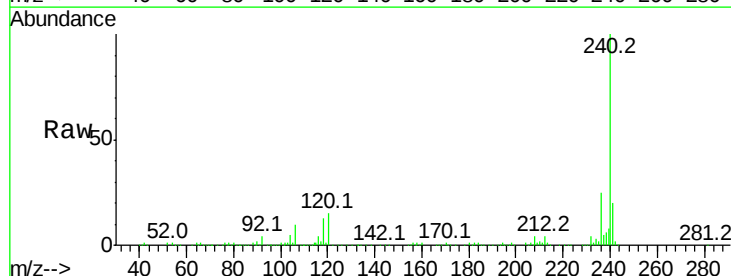
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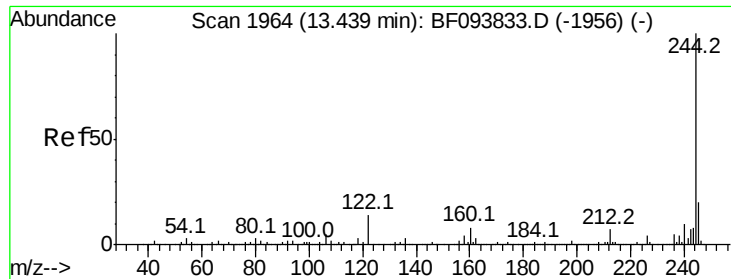
Tot Ion:188 Resp: 525926
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094322.D
Acq: 10 Apr 2017 20:17

Tgt Ion:240 Resp: 406529
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.0 20.5 30.7

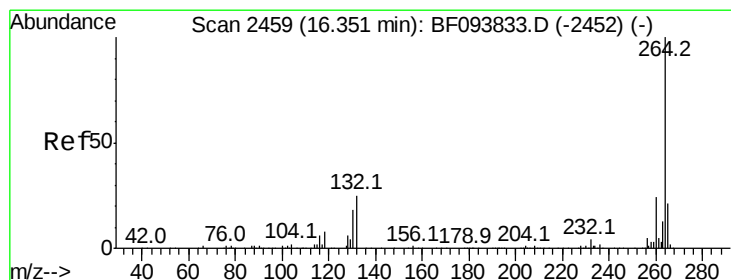
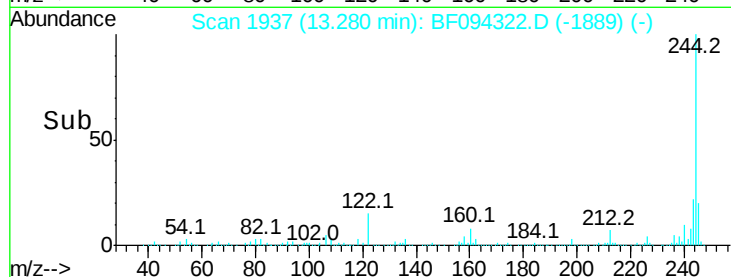
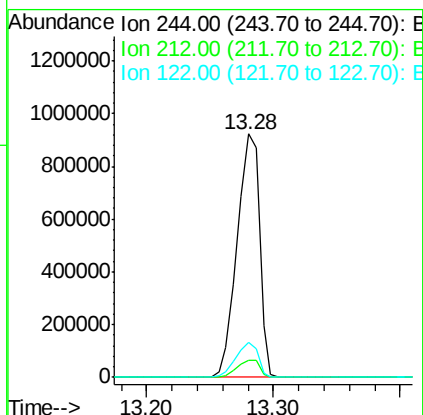
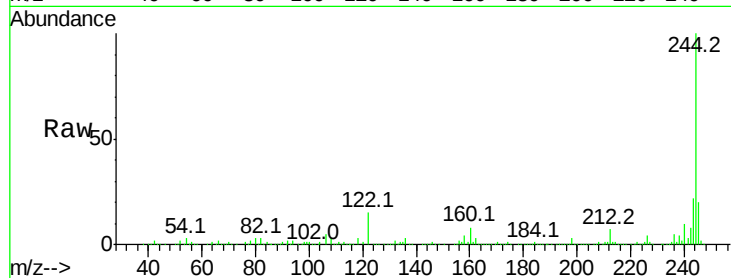




#78
 Terphenyl-d14
 Concen: 62.10 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 B-26-S2(12-12.4)

Tot Ion:244 Resp: 1126196
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BF094322.D
 Acq: 10 Apr 2017 20:17

Tgt Ion:264 Resp: 267814
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.3 17.2 25.8

