

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094319.D
 Acq On : 10 Apr 2017 18:55
 Operator : SJ/MA
 Sample : I2601-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-26-S1(0-2)

Quant Time: Apr 11 01:54:11 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

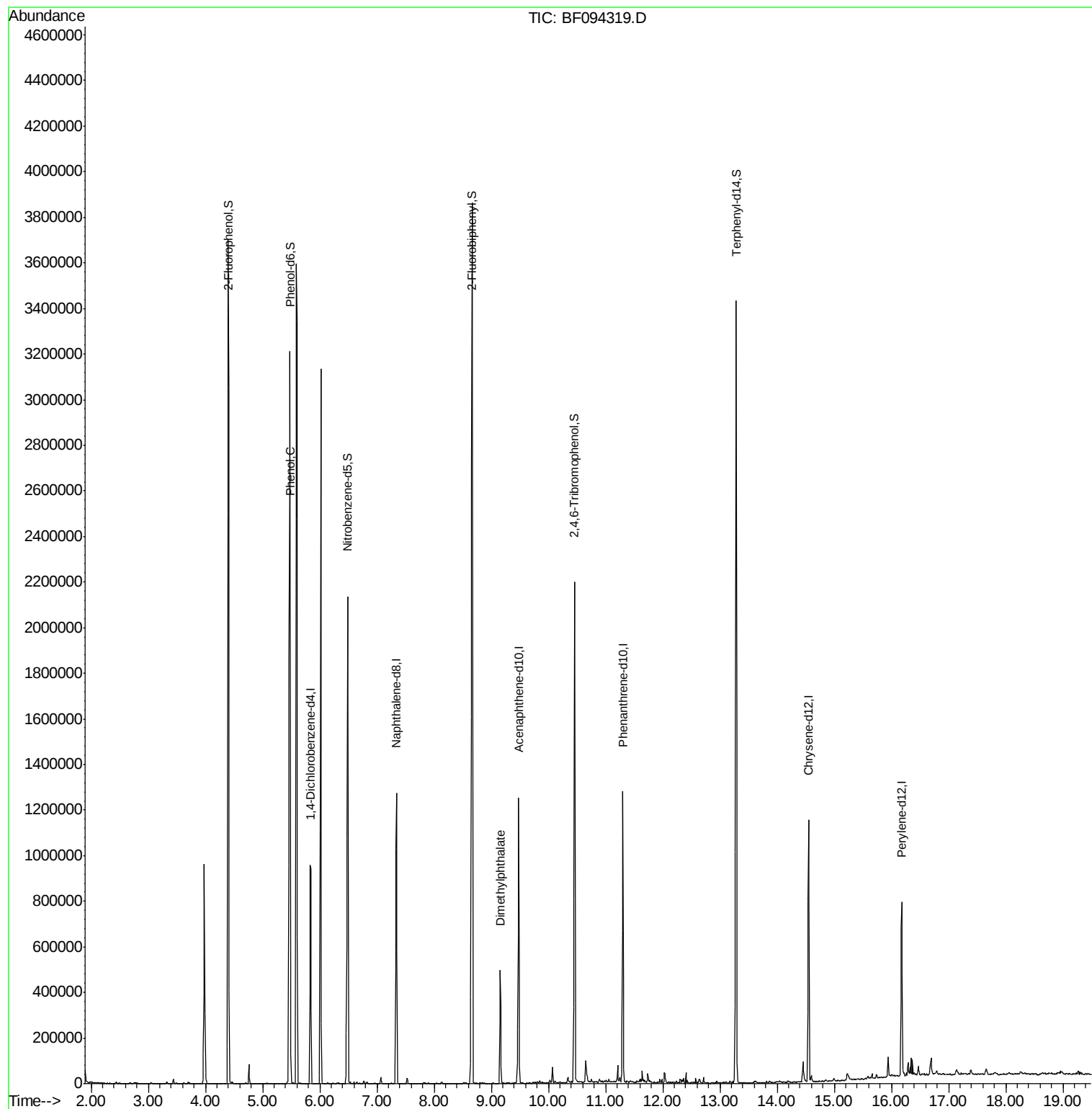
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	168620	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	672822	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	308977	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	541898	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	433162	20.00	ng	-0.02
86) Perylene-d12	16.18	264	293469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1157400	115.93	ng	0.01
7) Phenol-d6	5.47	99	1486319	120.35	ng	0.01
23) Nitrobenzene-d5	6.49	82	934413	79.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	315354	129.16	ng	-0.01
44) 2-Fluorobiphenyl	8.66	172	1634016	80.66	ng	-0.02
78) Terphenyl-d14	13.29	244	1312968	67.94	ng	-0.01
Target Compounds						
10) Phenol	5.49	94	97950	6.97	ng	87
49) Dimethylphthalate	9.16	163	216087	9.84	ng	99

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

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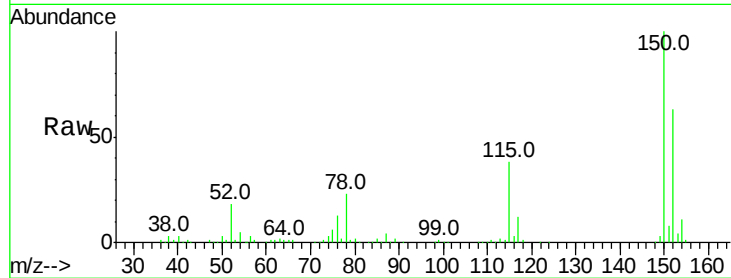


#1

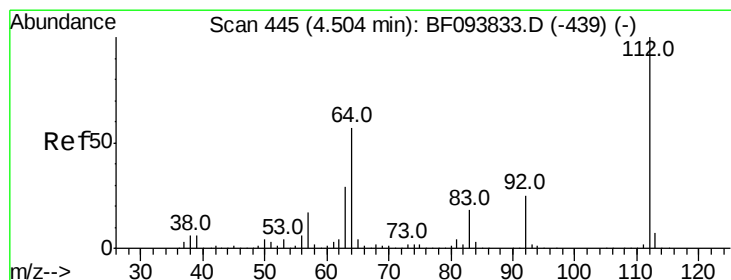
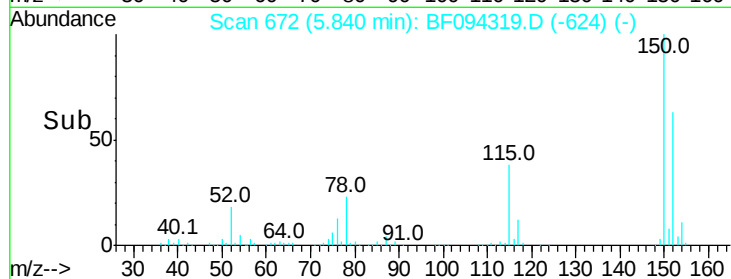
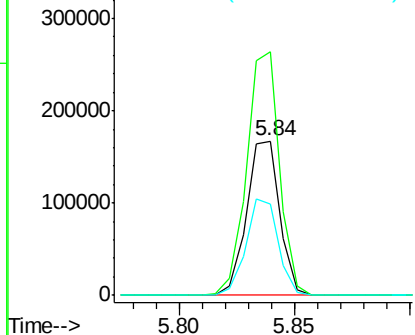
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.84 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF094319.D
 Acq: 10 Apr 2017 18:55

Instrument :
 BNA_F
 ClientSampleId :
 B-26-S1(0-2)

Tot Ion:152 Resp: 168620
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 59.2 52.2 78.2



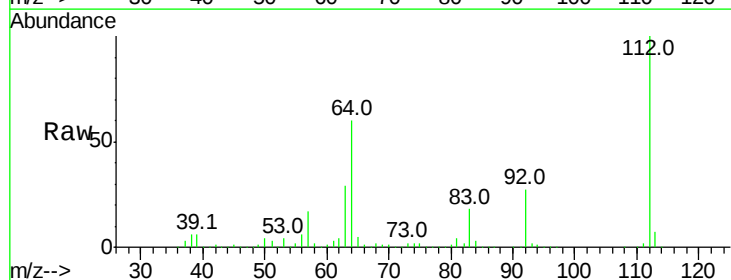
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



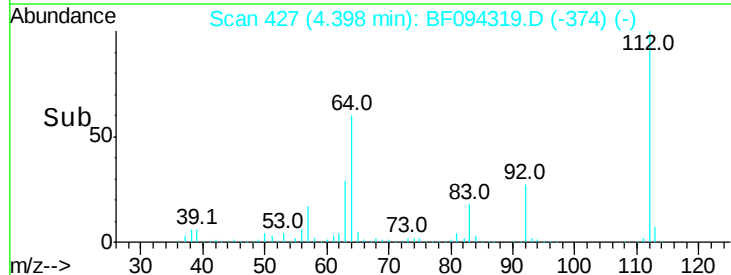
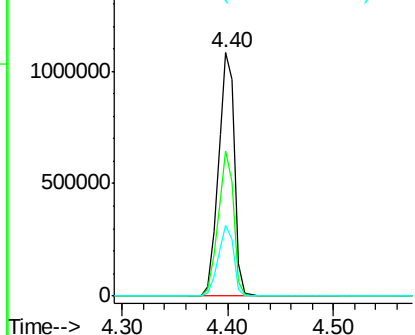
#5

2-Fluorophenol
 Concen: 115.93 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094319.D
 Acq: 10 Apr 2017 18:55

Tgt Ion:112 Resp: 1157400
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.0 69.0
 63 29.3 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: 120.35 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094319.D

Acq: 10 Apr 2017 18:55

Instrument :

BNA_F

ClientSampleId :

B-26-S1(0-2)

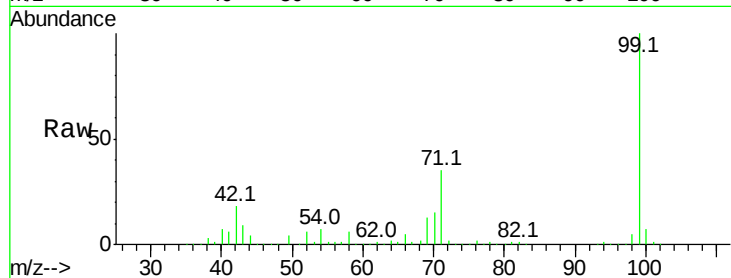
Tot Ion: 99 Resp: 1486319

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

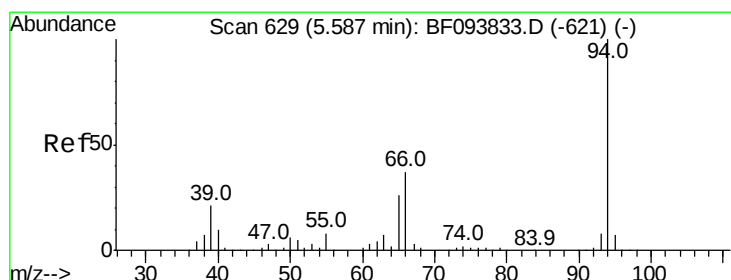
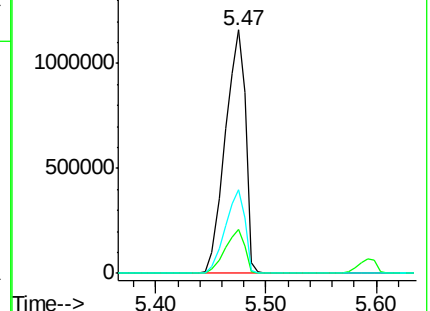
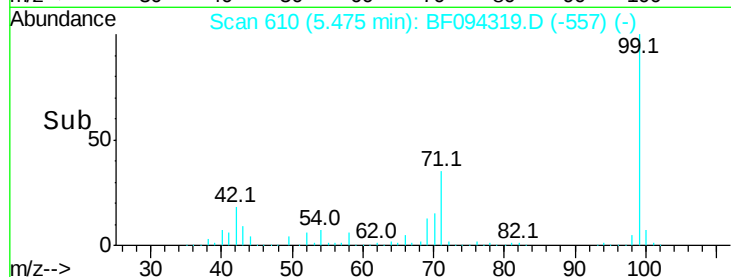
71 34.6 24.5 36.7



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: 6.97 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094319.D

Acq: 10 Apr 2017 18:55

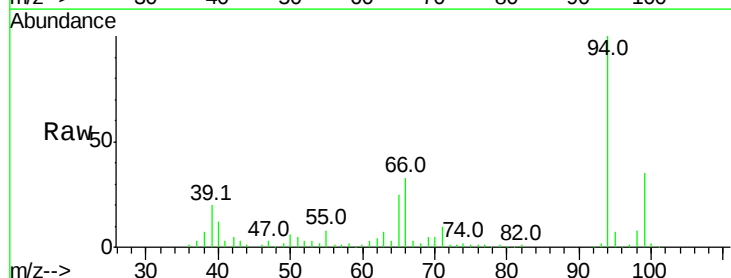
Tgt Ion: 94 Resp: 97950

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

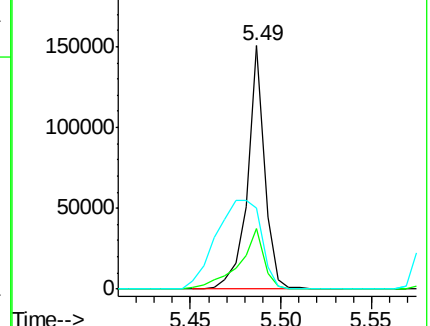
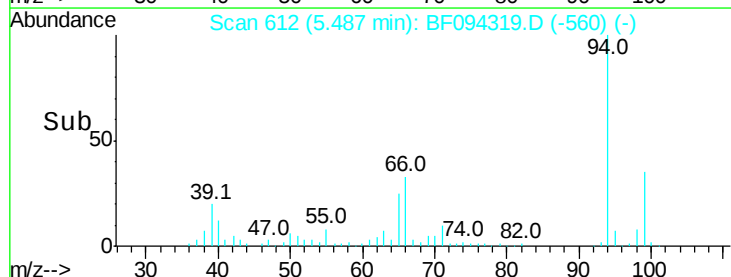
66 33.5 23.1 63.1

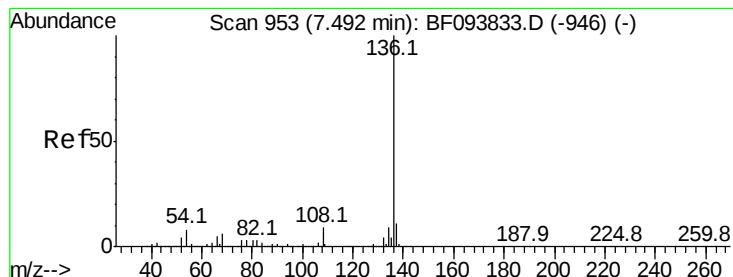


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF094319.D

Acq: 10 Apr 2017 18:55

Instrument :

BNA_F

ClientSampleId :

B-26-S1(0-2)

Tot Ion:136 Resp: 672822

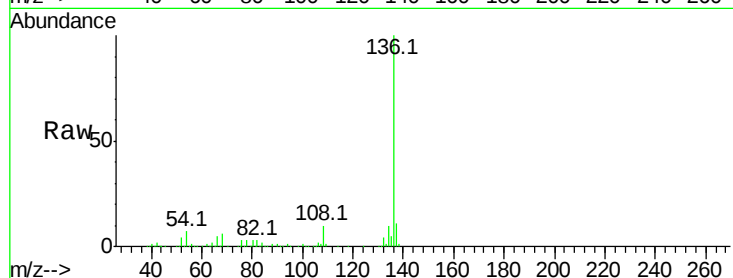
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

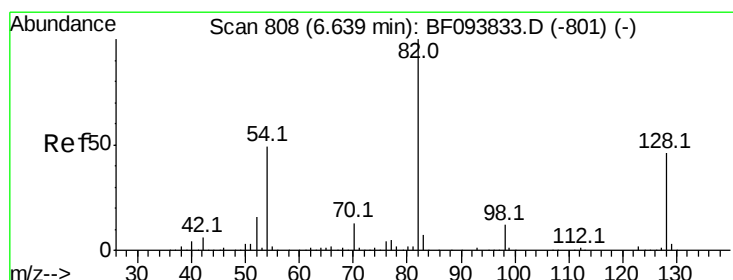
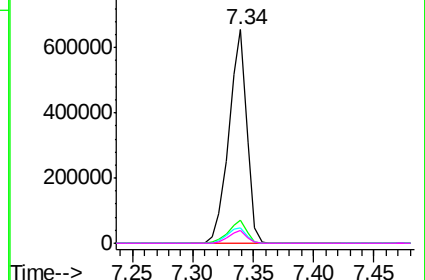
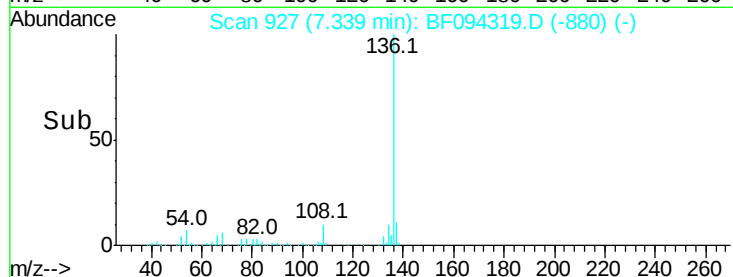


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.26 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094319.D

Acq: 10 Apr 2017 18:55

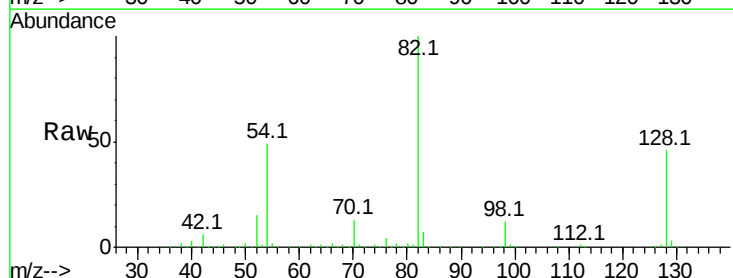
Tgt Ion: 82 Resp: 934413

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

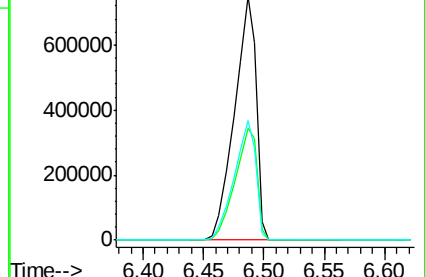
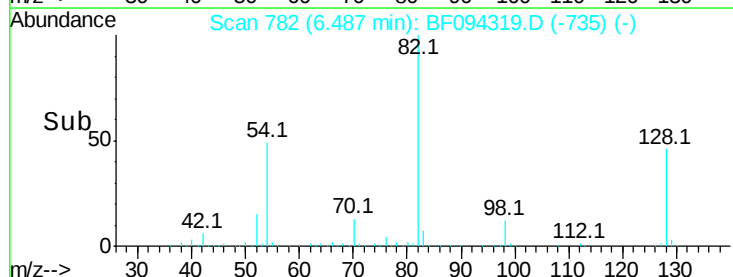
54 49.1 42.2 63.2



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: BF094319.D

Acq: 10 Apr 2017 18:55

Instrument :

BNA_F

ClientSampleId :

B-26-S1(0-2)

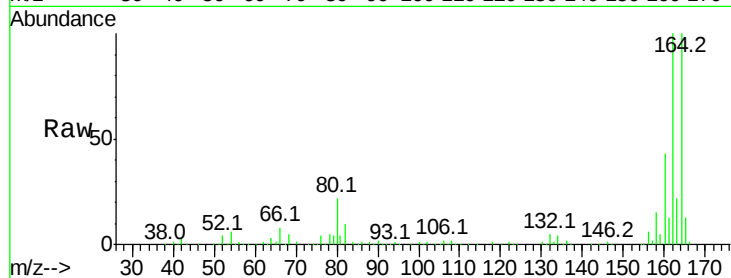
Tot Ion:164 Resp: 308977

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

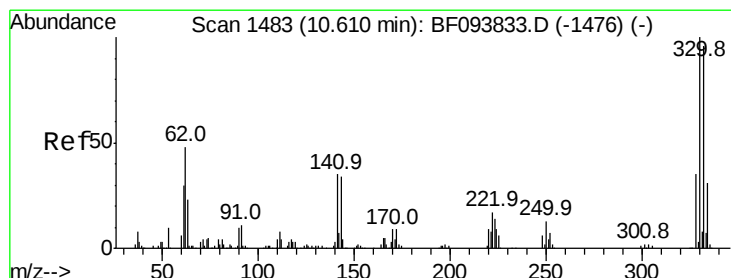
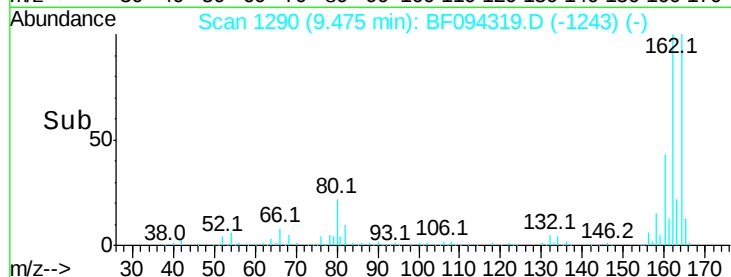
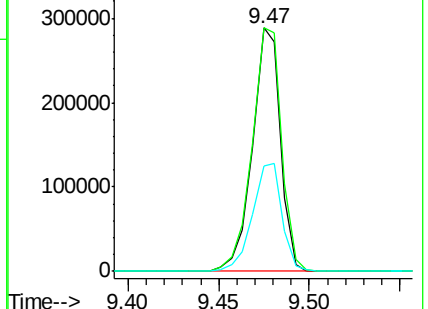
160 43.2 36.2 54.2



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: 129.16 ng

RT: 10.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF094319.D

Acq: 10 Apr 2017 18:55

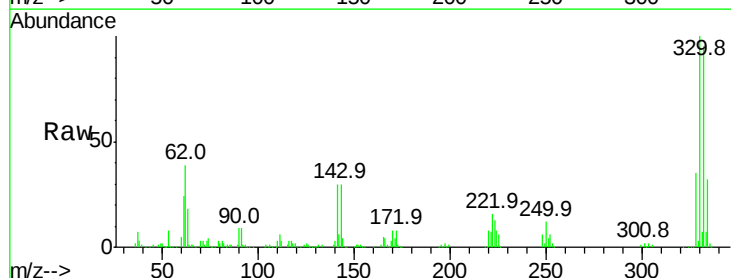
Tgt Ion:330 Resp: 315354

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

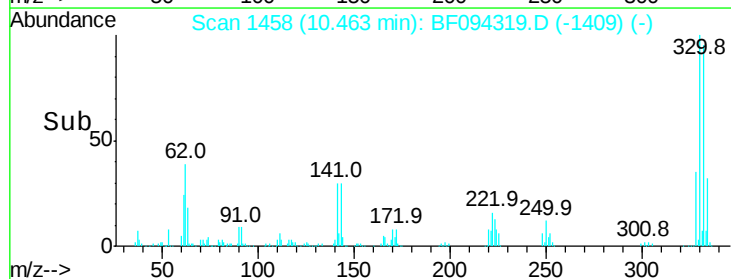
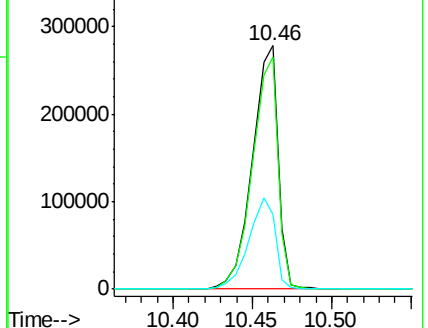
141 38.5 31.4 47.2



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



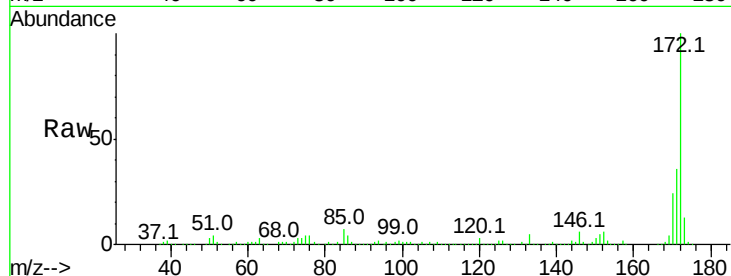


#44
 2-Fluorobiphenyl
 Concen: 80.66 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094319.D
 Acq: 10 Apr 2017 18:55

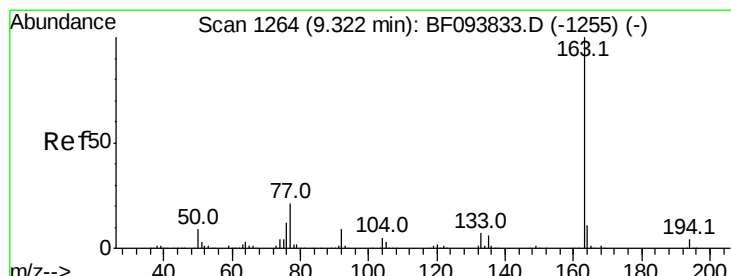
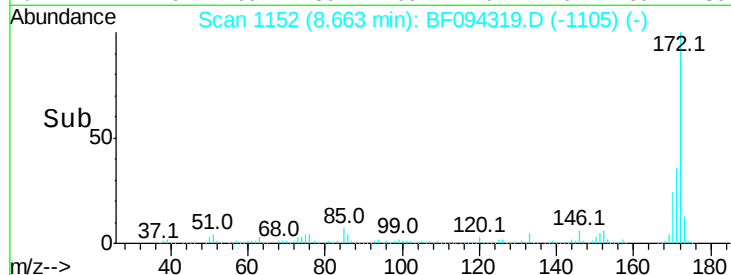
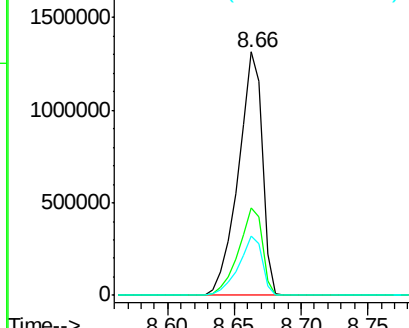
Instrument :
 BNA_F
 ClientSampleId :
 B-26-S1(0-2)

Tot Ion:172 Resp: 1634016

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	19.8	29.8



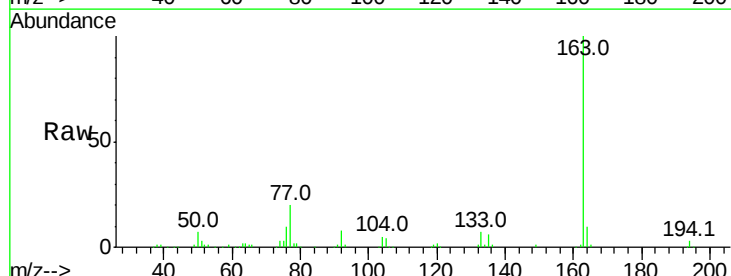
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



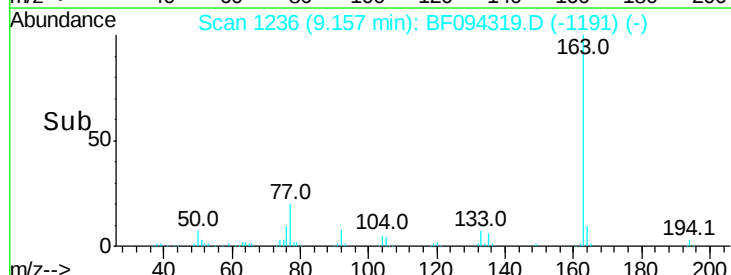
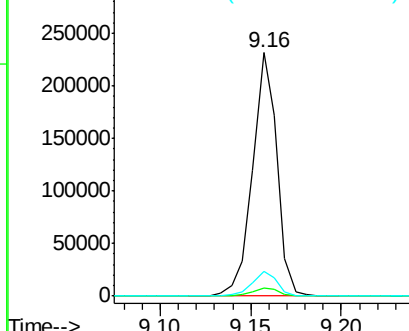
#49
 Dimethylphthalate
 Concen: 9.84 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094319.D
 Acq: 10 Apr 2017 18:55

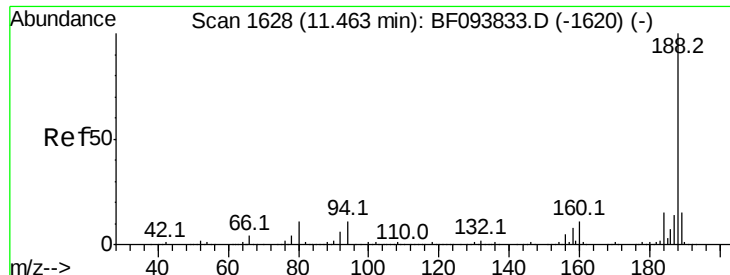
Tgt Ion:163 Resp: 216087

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	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

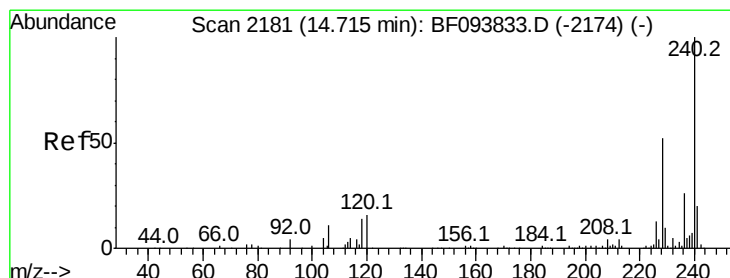
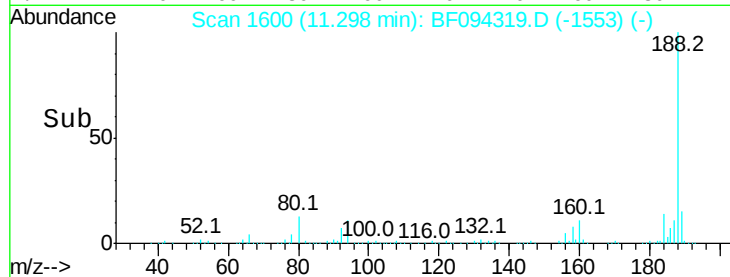
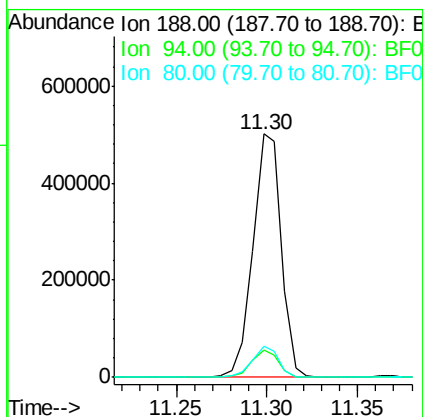
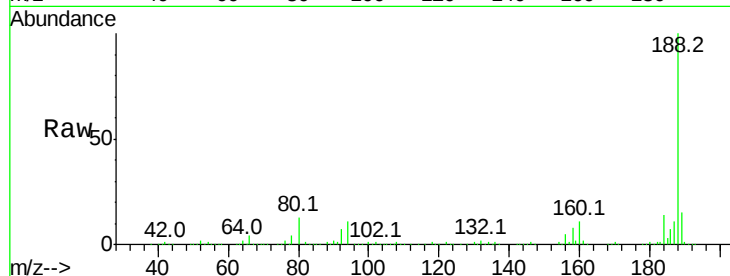




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094319.D
 Acq: 10 Apr 2017 18:55

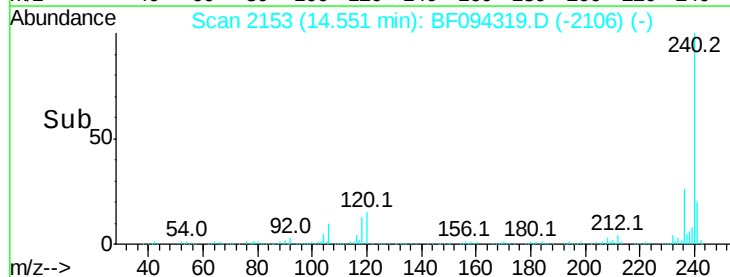
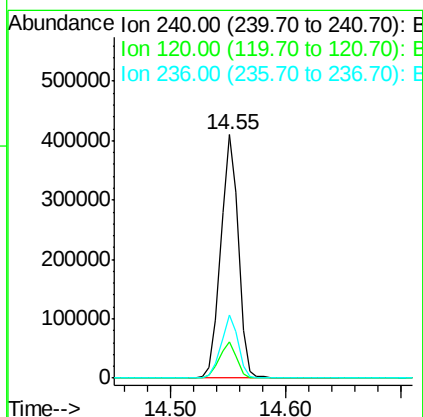
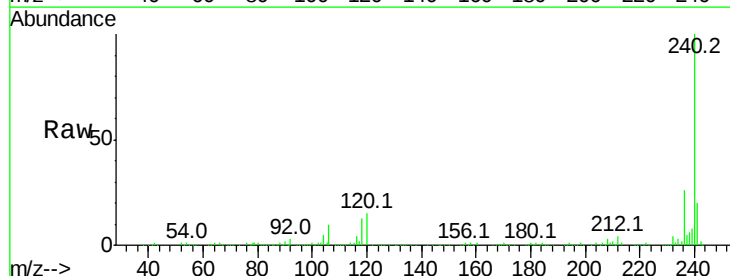
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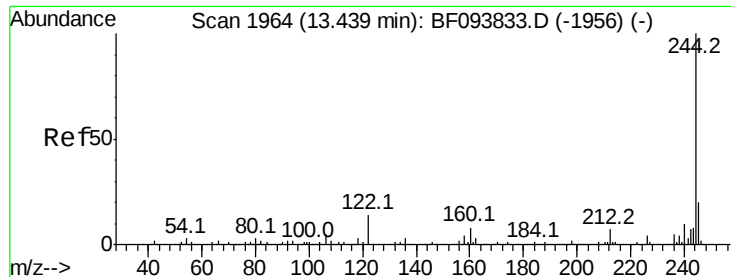
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.8	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094319.D
 Acq: 10 Apr 2017 18:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.7	20.5	30.7





#78

Terphenyl-d14

Concen: 67.94 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094319.D

Acq: 10 Apr 2017 18:55

Instrument :

BNA_F

ClientSampleId :

B-26-S1(0-2)

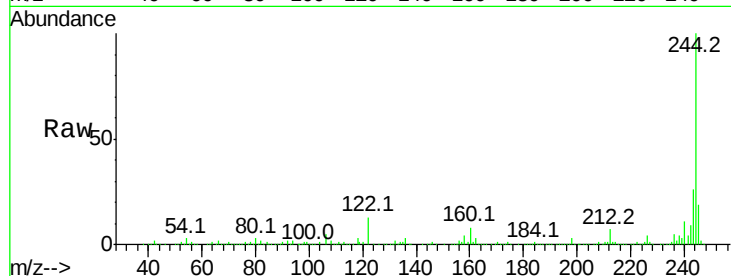
Tot Ion:244 Resp: 1312968

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

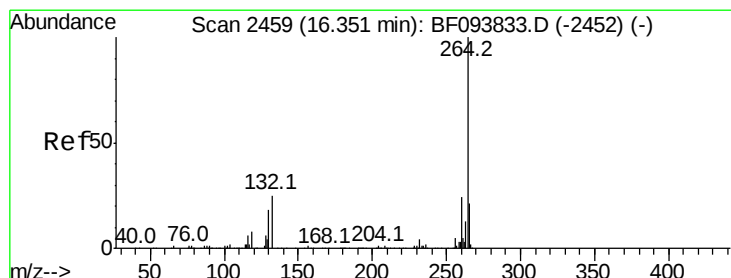
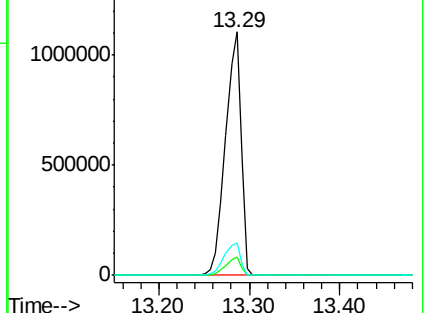
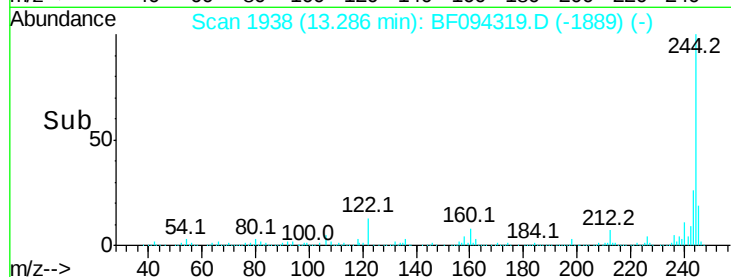
122 13.3 10.3 15.5



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: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094319.D

Acq: 10 Apr 2017 18:55

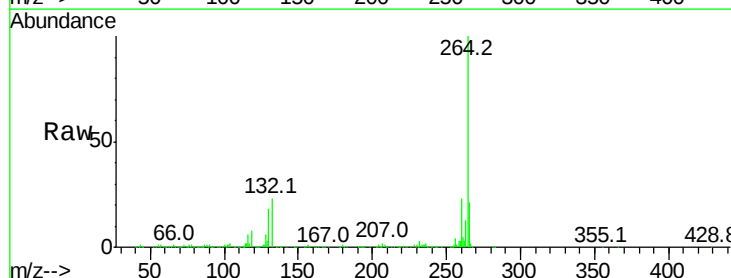
Tgt Ion:264 Resp: 293469

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.1 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

