

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094286.D
 Acq On : 7 Apr 2017 21:25
 Operator : SJ/MA
 Sample : I2534-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(5-10)

Quant Time: Apr 07 23:00:47 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

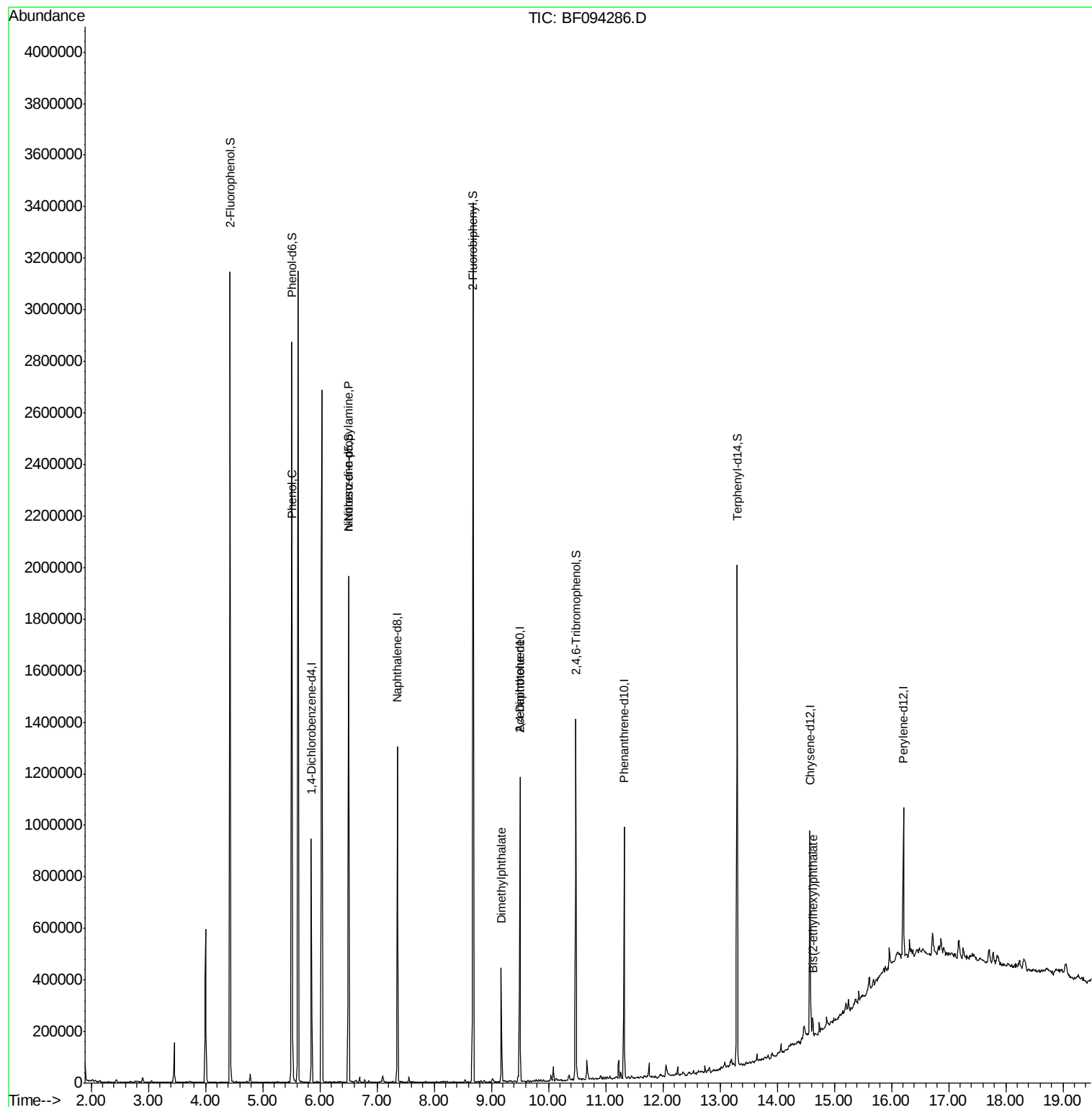
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	156829	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	612046	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	248608	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	364726	20.00	ng	0.00
75) Chrysene-d12	14.57	240	291615	20.00	ng	0.00
86) Perylene-d12	16.21	264	251117	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	941420	101.39	ng	0.04
7) Phenol-d6	5.51	99	1165373	101.45	ng	0.05
23) Nitrobenzene-d5	6.50	82	729456	68.02	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	180460	91.86	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1218611	74.76	ng	0.00
78) Terphenyl-d14	13.30	244	688985	52.96	ng	0.00
Target Compounds						
10) Phenol	5.52	94	91022	6.96	ng	90
19) n-Nitroso-di-n-propylamine	6.50	70	96366	13.05	ng	# 77
49) Dimethylphthalate	9.18	163	202217	11.44	ng	99
56) 2,4-Dinitrotoluene	9.50	165	32931	6.47	ng	# 33
83) Bis(2-ethylhexyl)phthalate	14.63	149	27224	2.21	ng	# 97

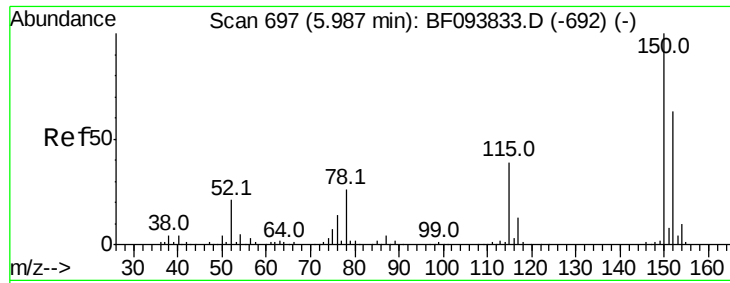
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

GP-B-02(5-10)

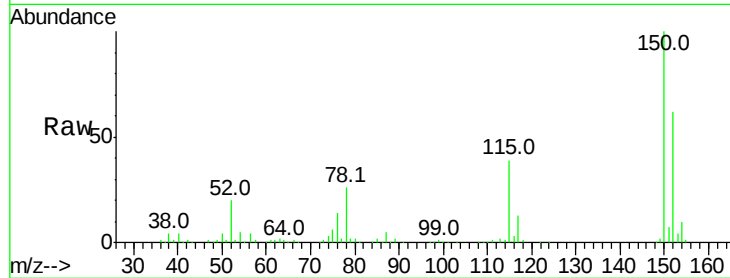
Tot Ion:152 Resp: 156829

Ion Ratio Lower Upper

152 100

150 161.4 126.2 189.2

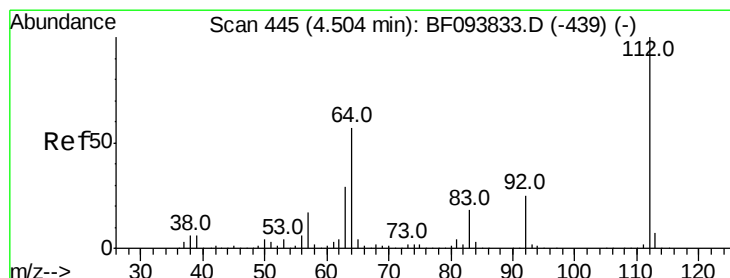
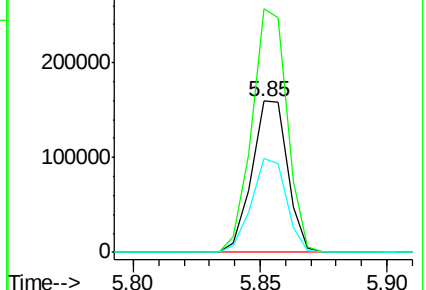
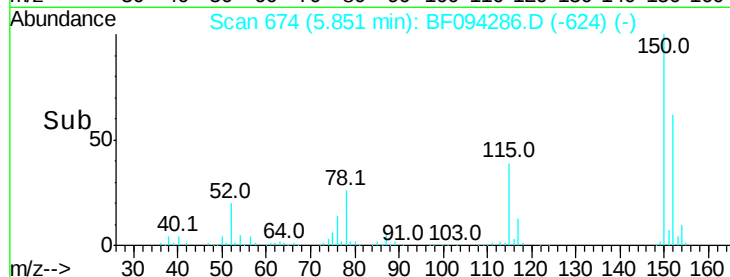
115 62.5 52.2 78.2



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: 101.39 ng

RT: 4.43 min Scan# 432

Delta R.T. 0.04 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

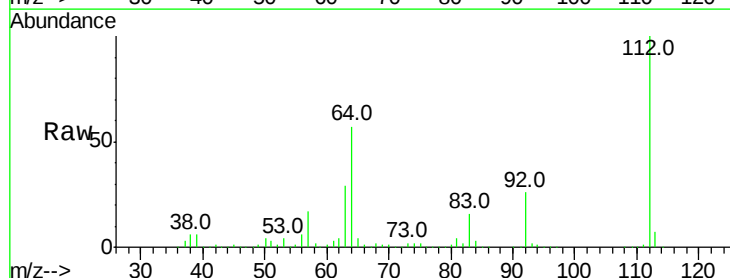
Tgt Ion:112 Resp: 941420

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

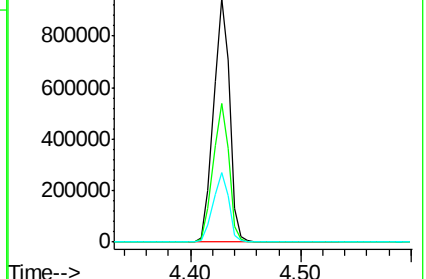
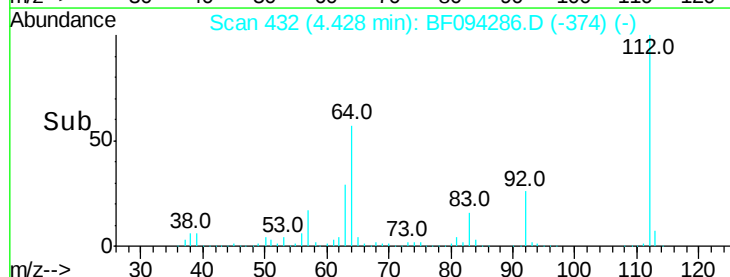
63 28.7 23.4 35.0

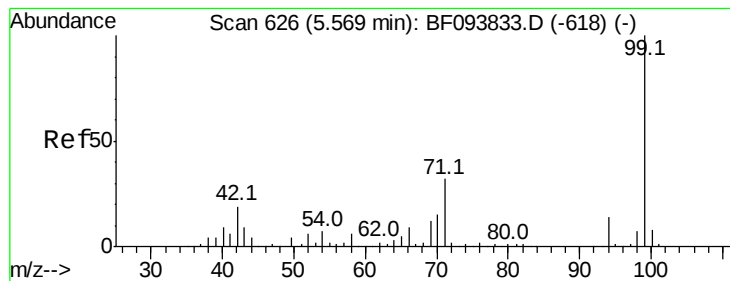


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.45 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.05 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

GP-B-02(5-10)

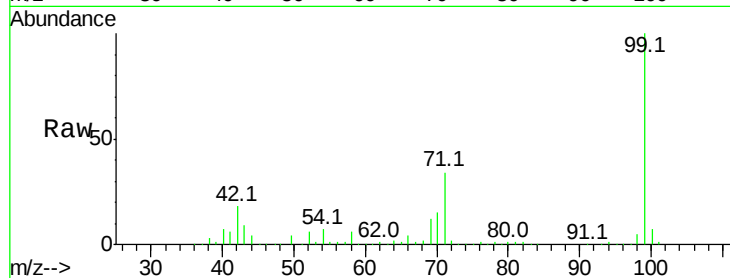
Tot Ion: 99 Resp: 1165373

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

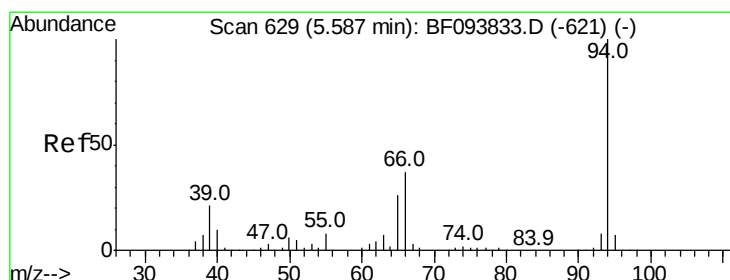
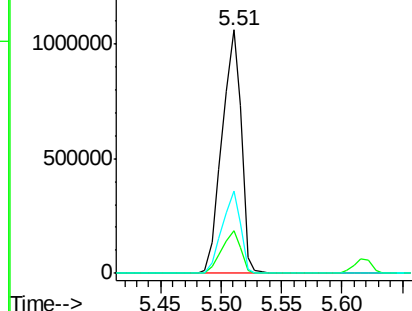
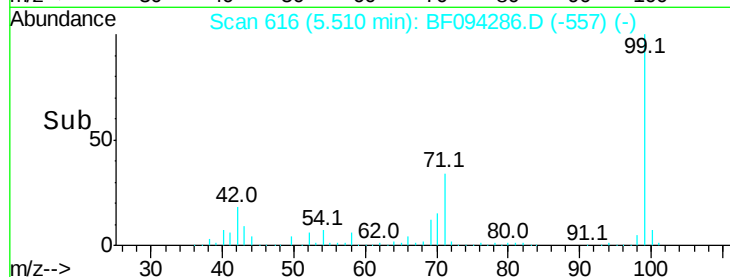
71 33.8 24.5 36.7



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: 6.96 ng

RT: 5.52 min Scan# 618

Delta R.T. 0.04 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

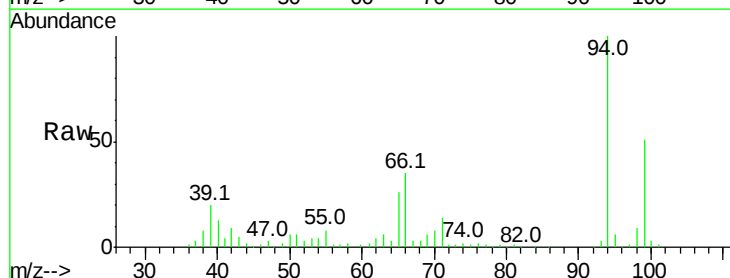
Tgt Ion: 94 Resp: 91022

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

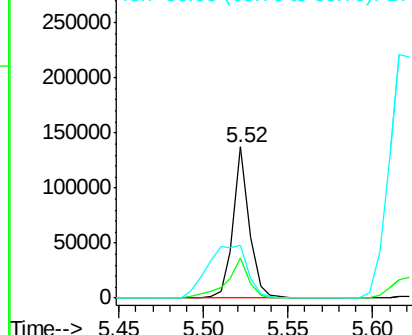
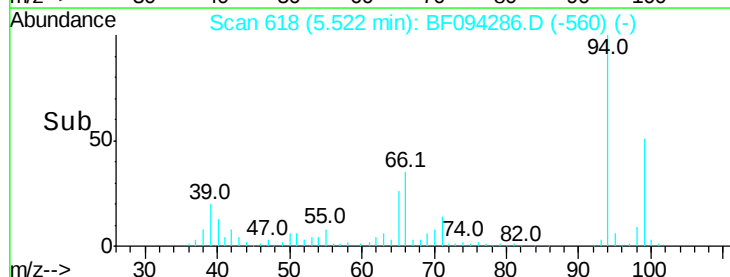
66 34.7 23.1 63.1

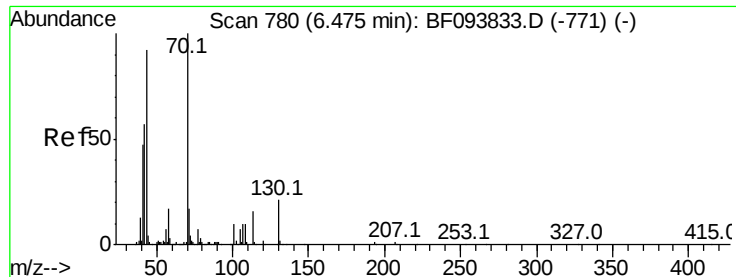


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.05 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

GP-B-02(5-10)

Tot Ion: 70 Resp: 96366

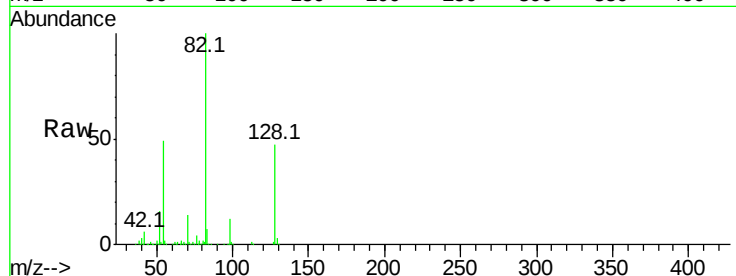
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

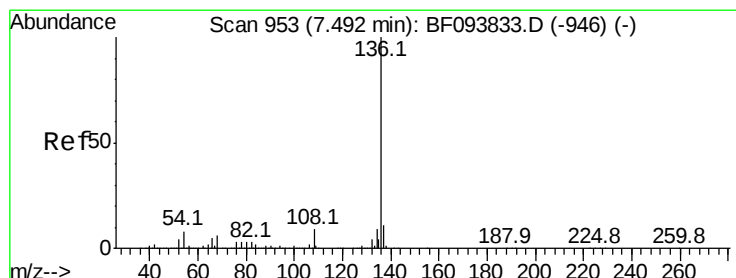
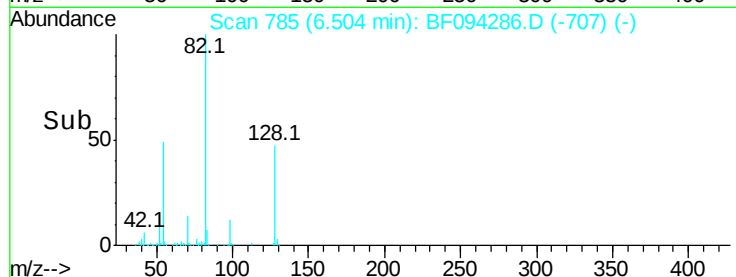
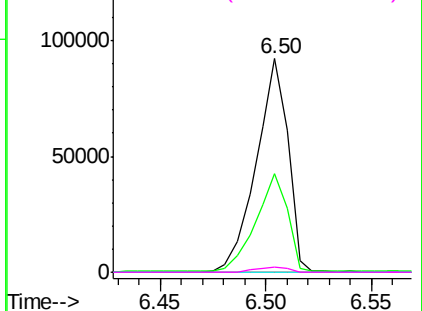


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

Tgt Ion: 136 Resp: 612046

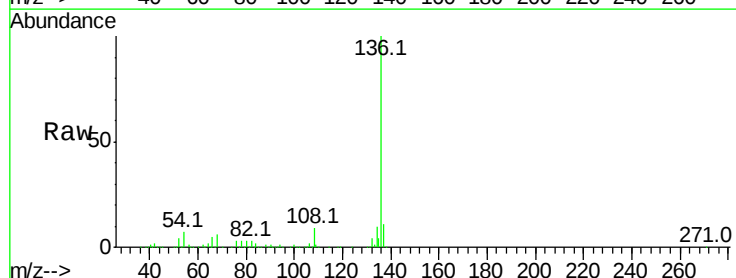
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.9 4.1 6.1

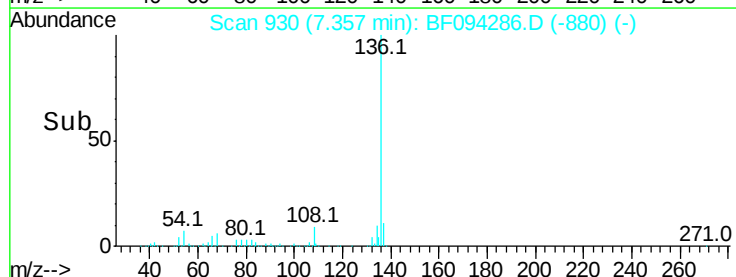
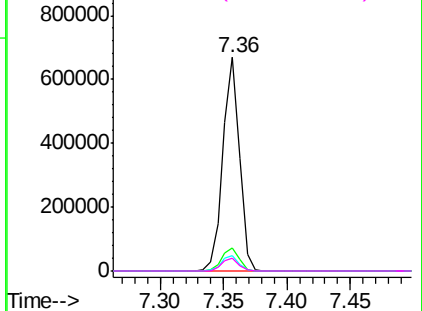


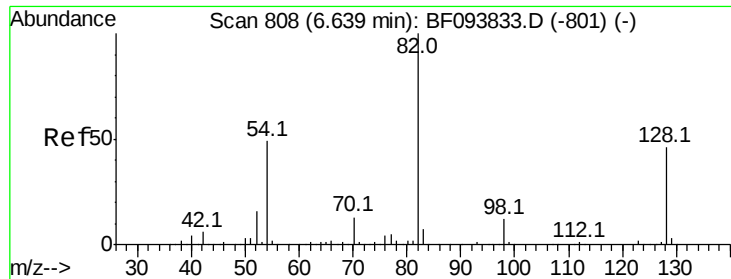
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

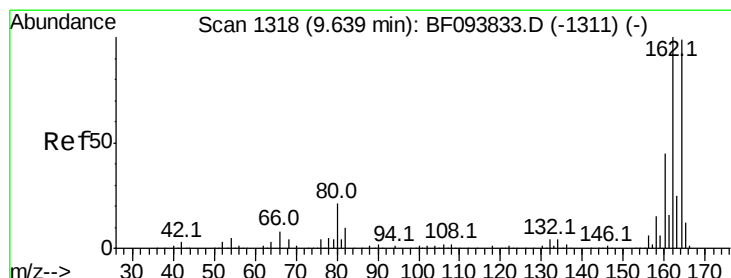
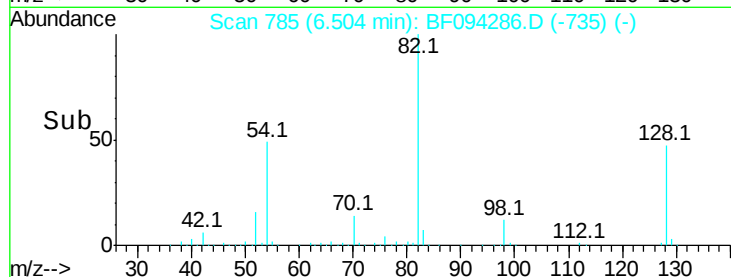
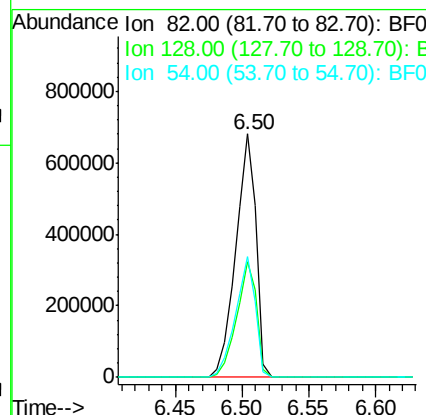
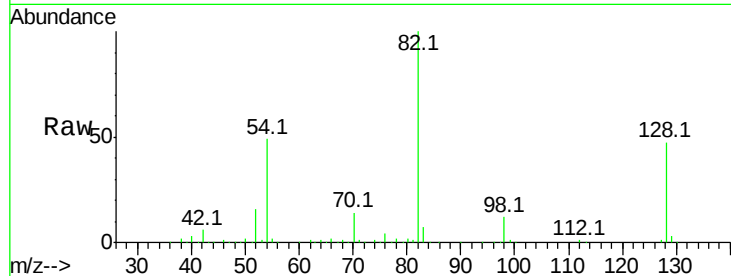




#23
 Nitrobenzene-d5
 Concen: 68.02 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094286.D
 Acq: 7 Apr 2017 21:25

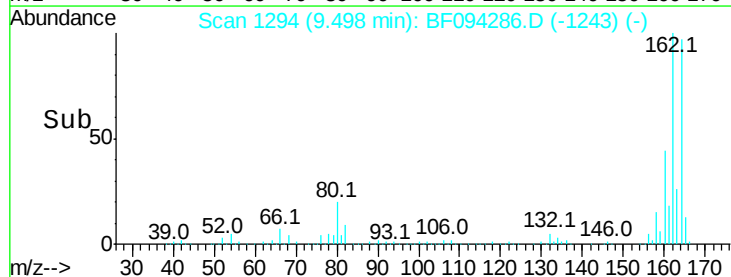
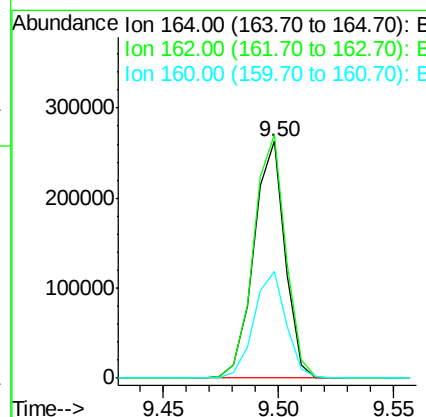
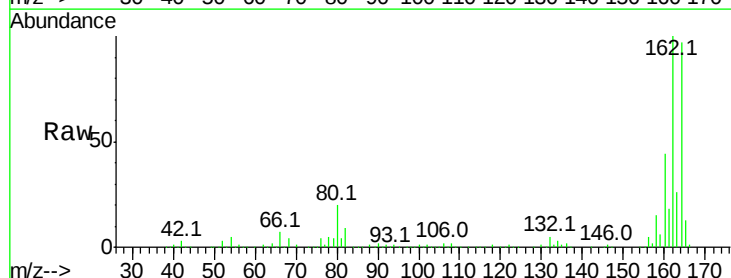
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(5-10)

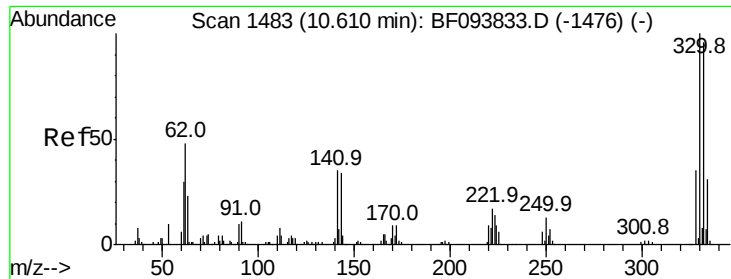
Tot Ion	82	Resp	729456
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	49.4	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094286.D
 Acq: 7 Apr 2017 21:25

Tgt Ion	164	Resp	248608
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.6	123.8
160	45.3	36.2	54.2

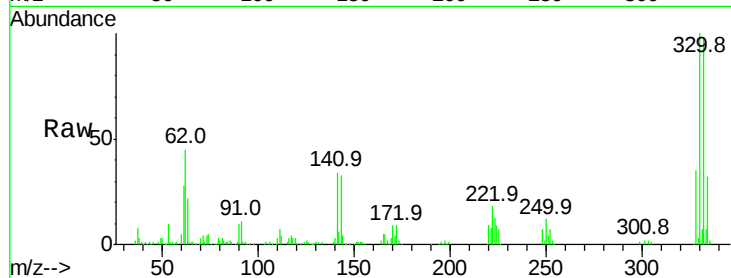




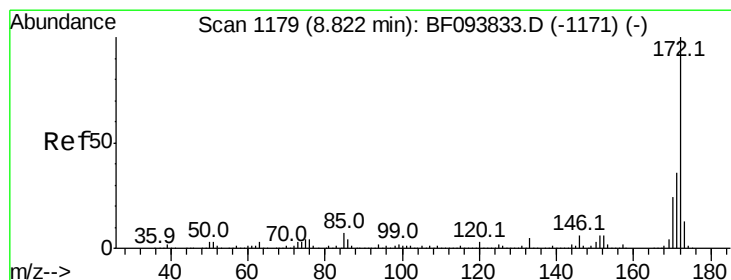
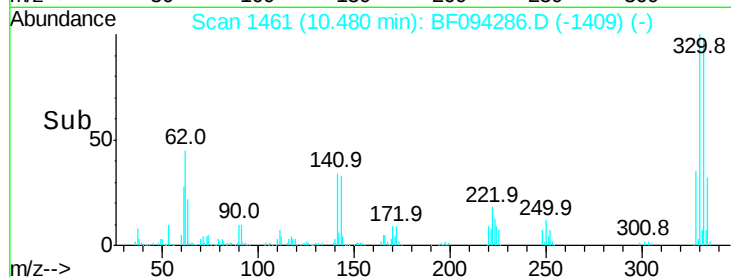
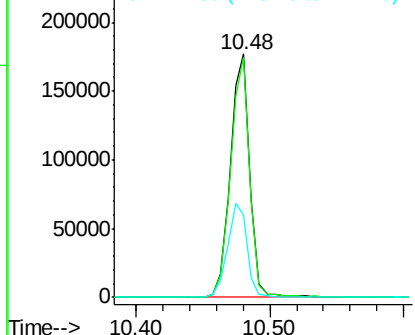
#41
 2,4,6-Tribromophenol
 Concen: 91.86 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094286.D
 Acq: 7 Apr 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(5-10)

Tot Ion:330 Resp: 180460
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.6 31.4 47.2

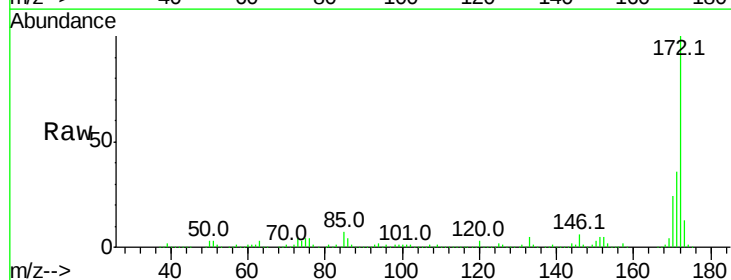


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

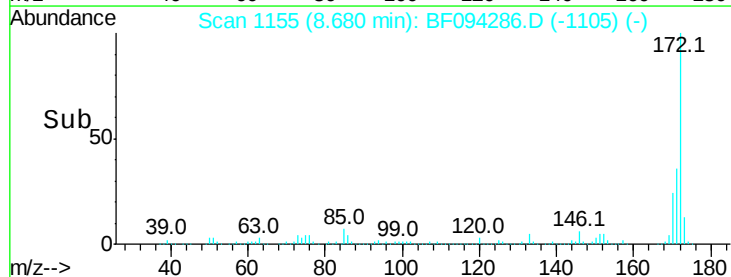
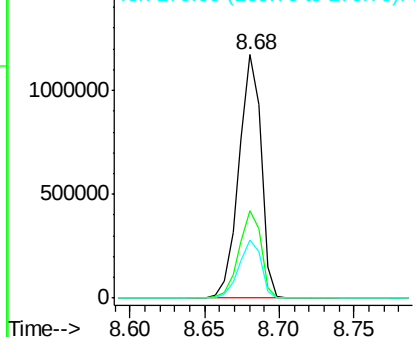


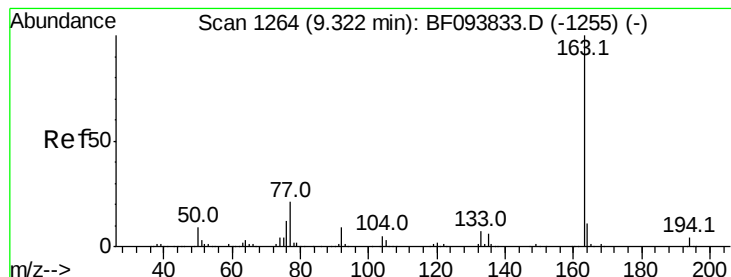
#44
 2-Fluorobiphenyl
 Concen: 74.76 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094286.D
 Acq: 7 Apr 2017 21:25

Tgt Ion:172 Resp: 1218611
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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: 11.44 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

GP-B-02(5-10)

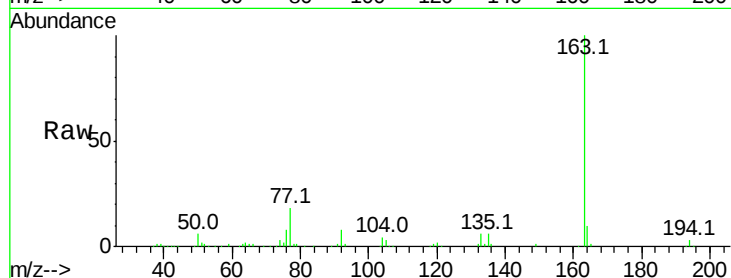
Tot Ion:163 Resp: 202217

Ion Ratio Lower Upper

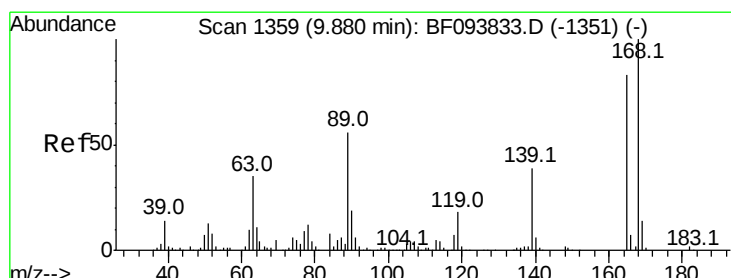
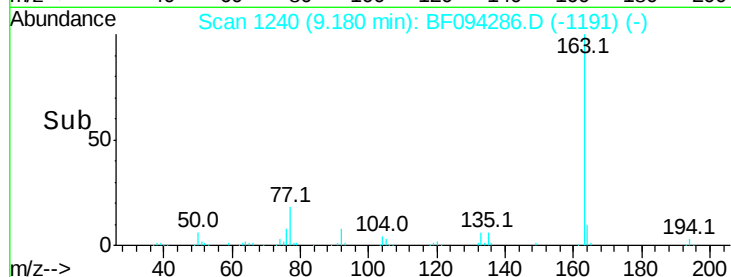
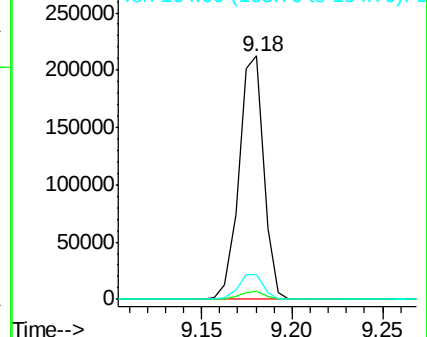
163 100

194 3.5 2.6 4.0

164 10.2 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



#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.25 min

Lab File: BF094286.D

Acq: 7 Apr 2017 21:25

Tgt Ion:165 Resp: 32931

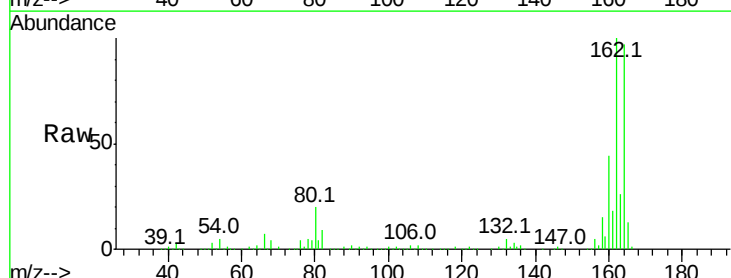
Ion Ratio Lower Upper

165 100

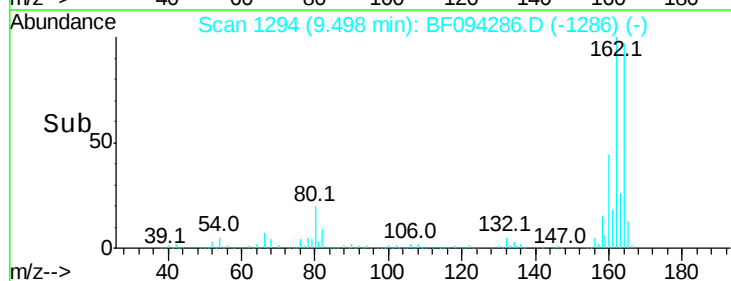
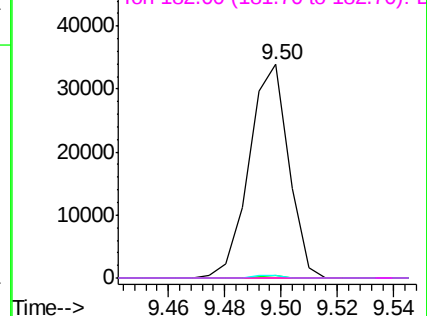
63 1.3 25.4 38.0#

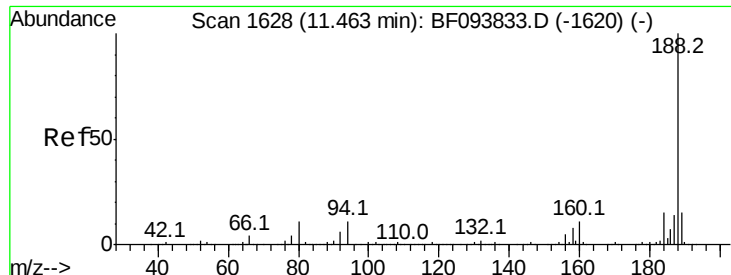
89 1.3 46.4 69.6#

182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

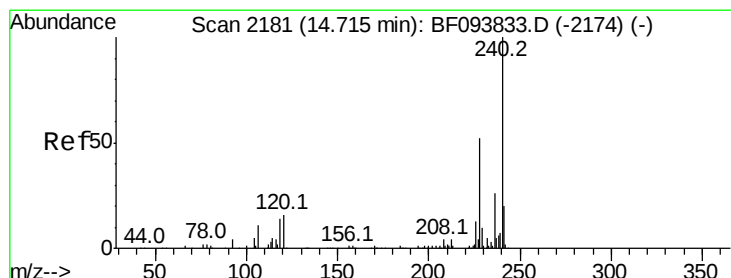
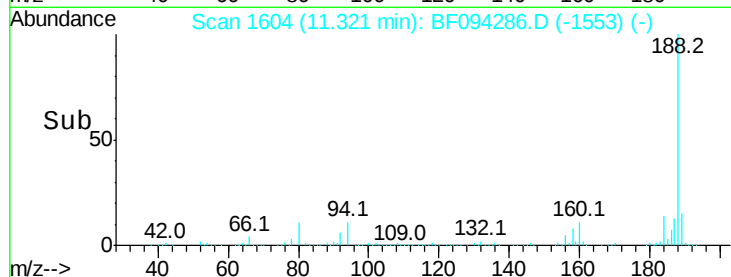
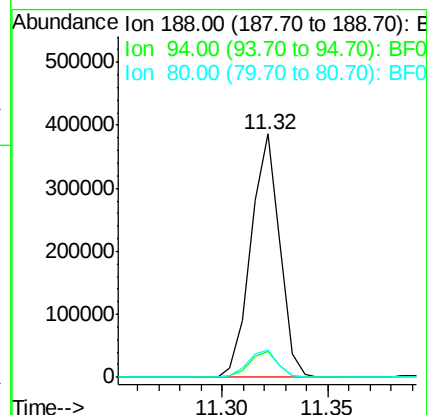
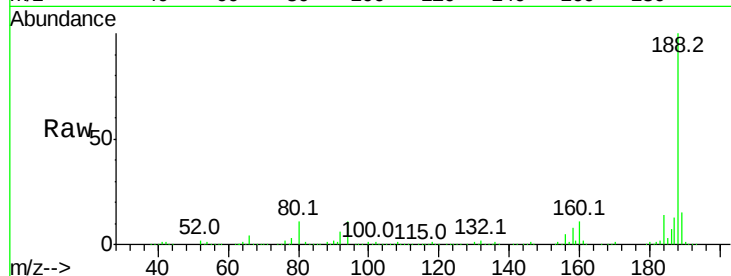




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094286.D
Acq: 7 Apr 2017 21:25

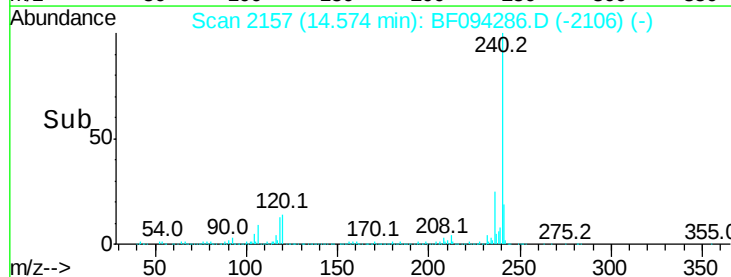
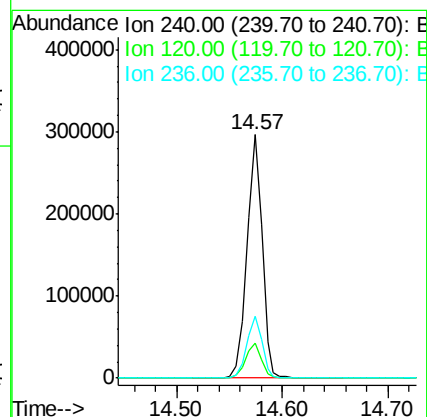
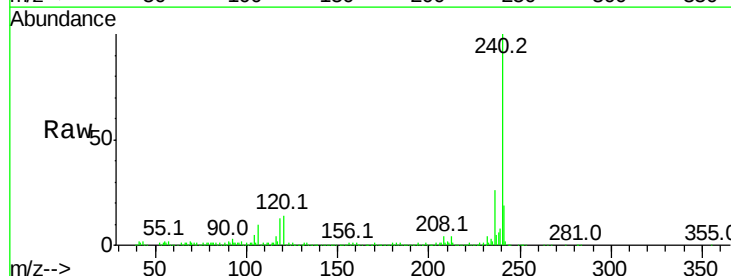
Instrument :
BNA_F
ClientSampleId :
GP-B-02(5-10)

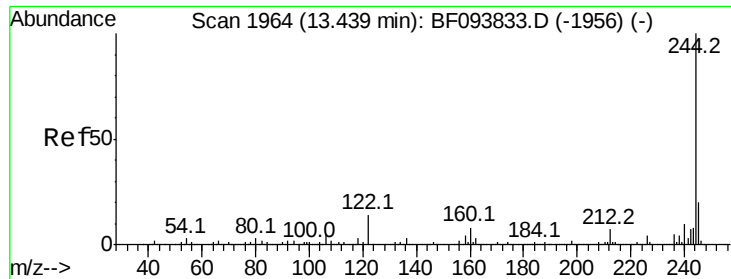
Tot Ion:188 Resp: 364726
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF094286.D
Acq: 7 Apr 2017 21:25

Tgt Ion:240 Resp: 291615
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.6 20.5 30.7

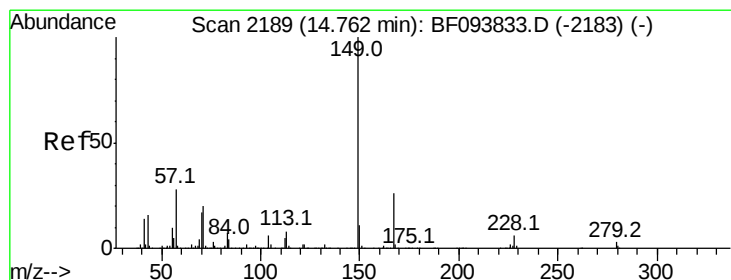
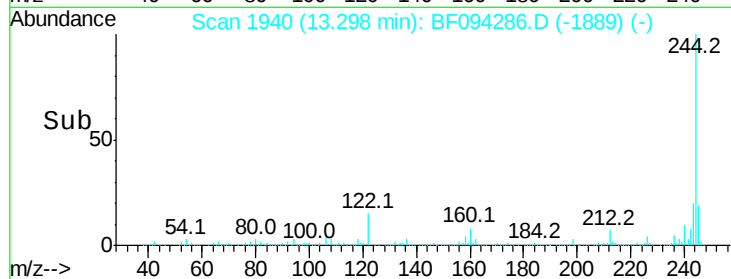
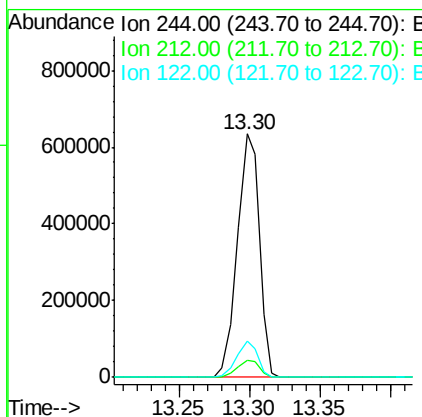
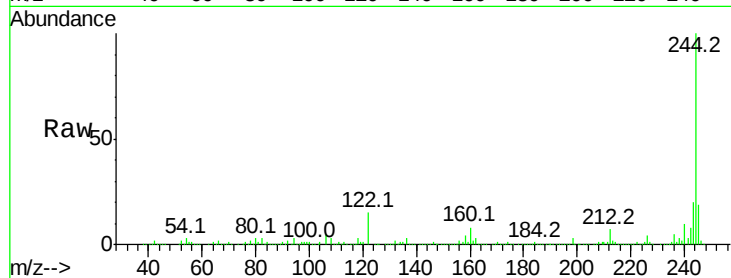




#78
 Terphenyl-d14
 Concen: 52.96 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094286.D
 Acq: 7 Apr 2017 21:25

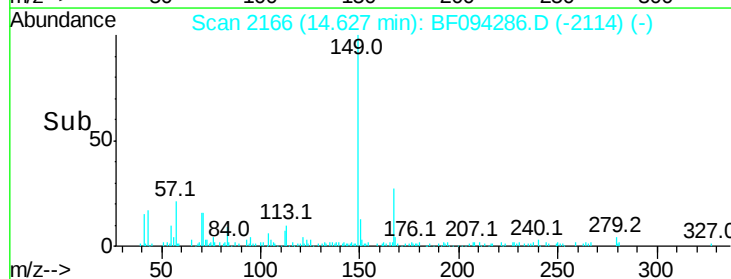
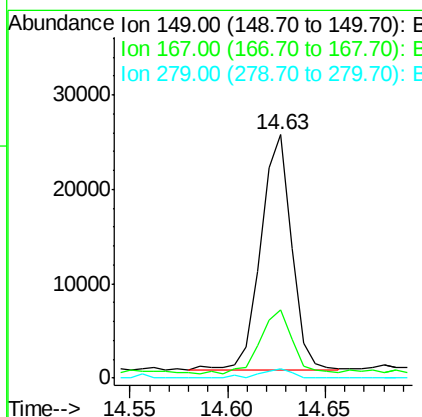
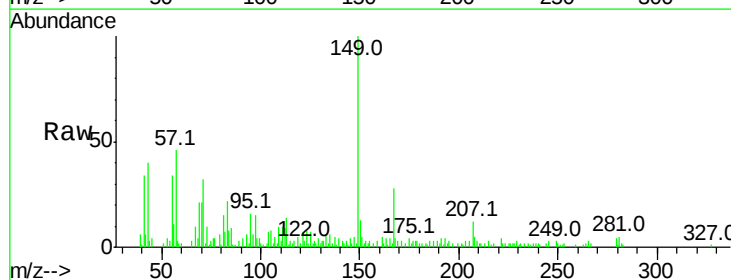
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(5-10)

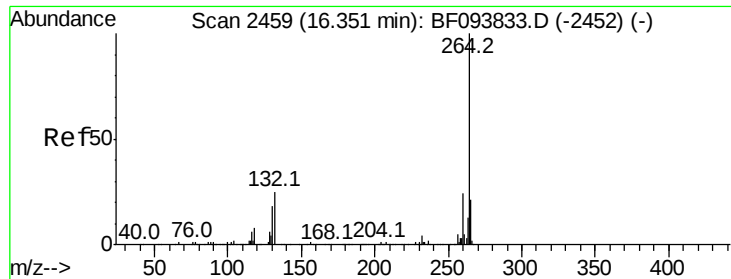
Tot Ion:244 Resp: 688985
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.1 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.21 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BF094286.D
 Acq: 7 Apr 2017 21:25

Tgt Ion:149 Resp: 27224
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.4
 279 4.1 1.9 2.9#

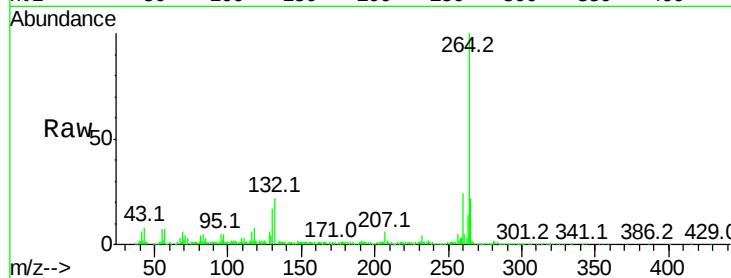




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 2435
Delta R.T. 0.02 min
Lab File: BF094286.D
Acq: 7 Apr 2017 21:25

Instrument :
BNA_F
ClientSampleId :
GP-B-02(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	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

