

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094329.D
 Acq On : 11 Apr 2017 00:54
 Operator : SJ/MA
 Sample : I2601-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 02:28:09 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

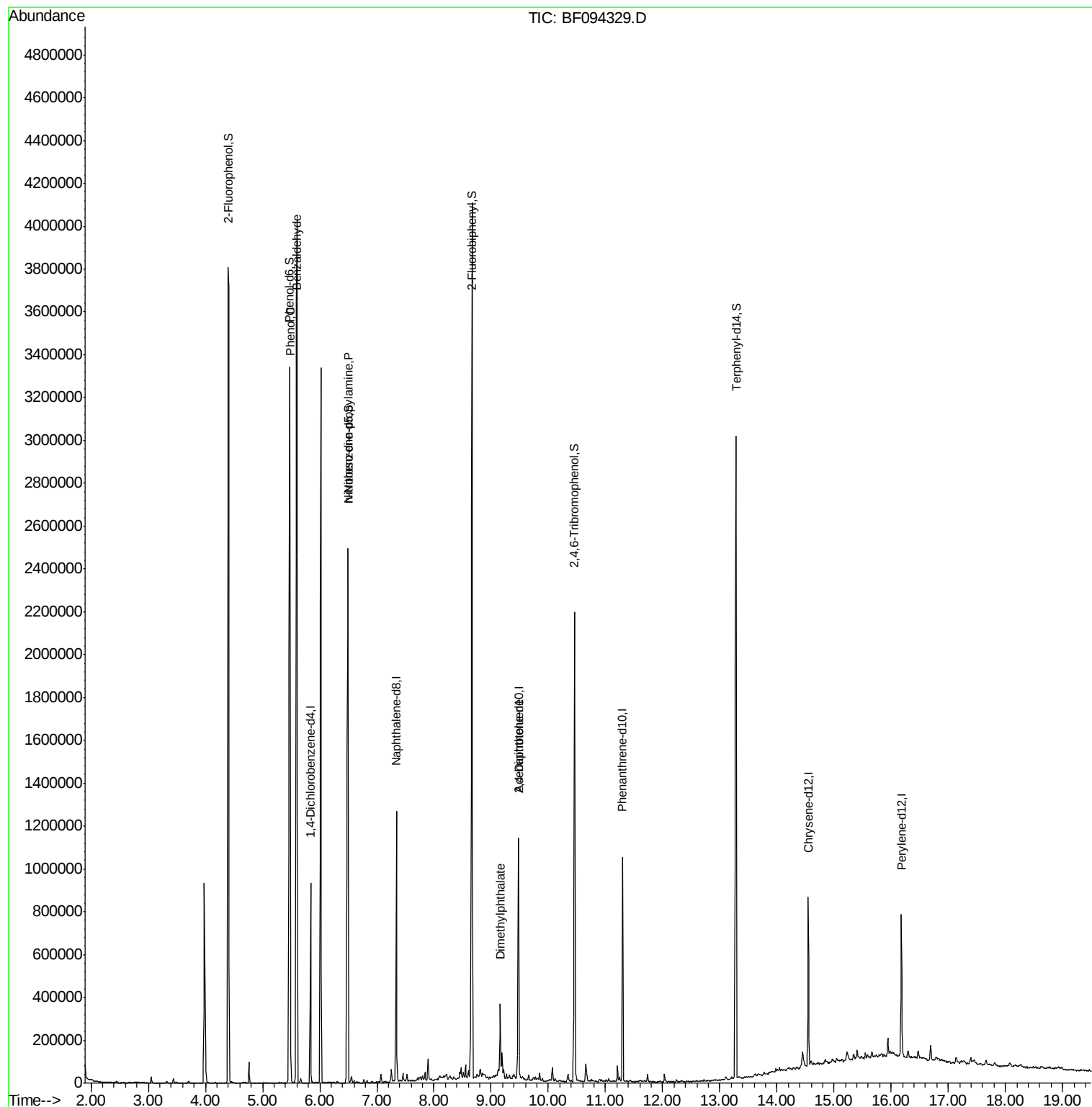
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	158717	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	624399	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	275000	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	437668	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	293200	20.00	ng	-0.02
86) Perylene-d12	16.18	264	249103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1298496	138.18	ng	0.02
7) Phenol-d6	5.47	99	1684073	144.87	ng	0.01
23) Nitrobenzene-d5	6.49	82	1057285	96.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	314118	144.55	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1730785	96.00	ng	-0.02
78) Terphenyl-d14	13.29	244	1181836	90.35	ng	-0.01
Target Compounds						
9) Benzaldehyde	5.60	77	27514	3.51	ng	Qvalue 87
10) Phenol	5.49	94	81216	6.14	ng	91
19) n-Nitroso-di-n-propylamine	6.49	70	140733	18.84	ng	# 76
49) Dimethylphthalate	9.16	163	150184	7.68	ng	99
56) 2,4-Dinitrotoluene	9.47	165	34104	6.06	ng	# 33

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

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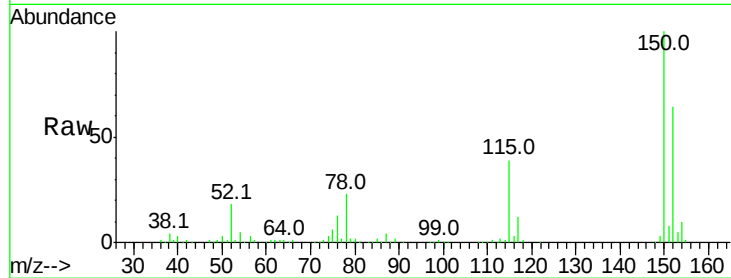


#1

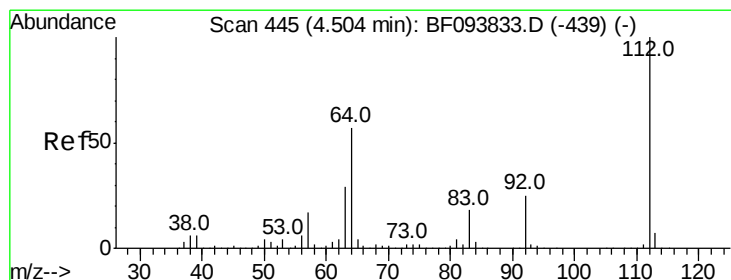
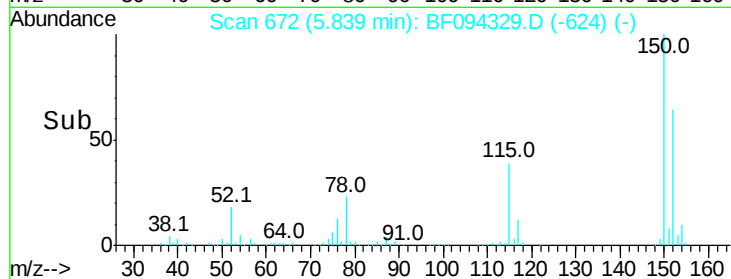
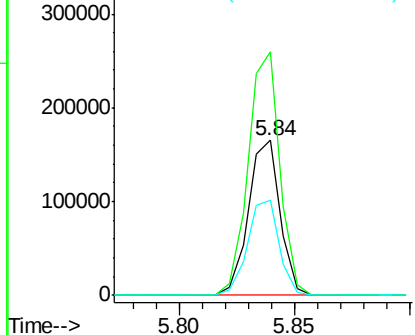
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158717
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.1 52.2 78.2



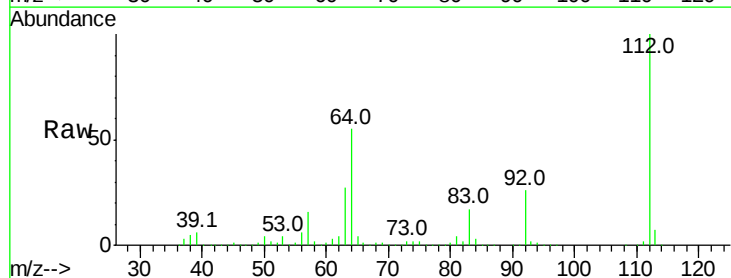
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



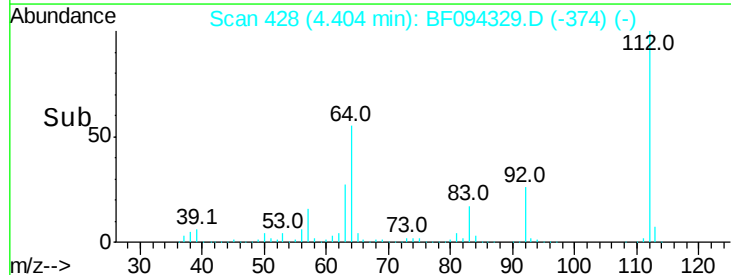
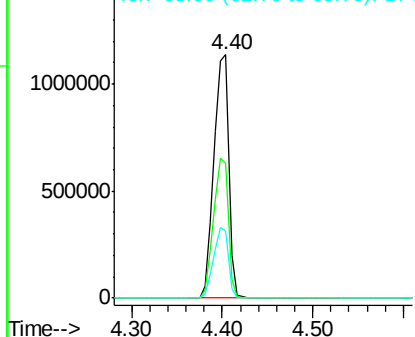
#5

2-Fluorophenol
Concen: 138.18 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:112 Resp: 1298496
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.3 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: 144.87 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094329.D

Acq: 11 Apr 2017 00:54

Instrument :

BNA_F

ClientSampleId :

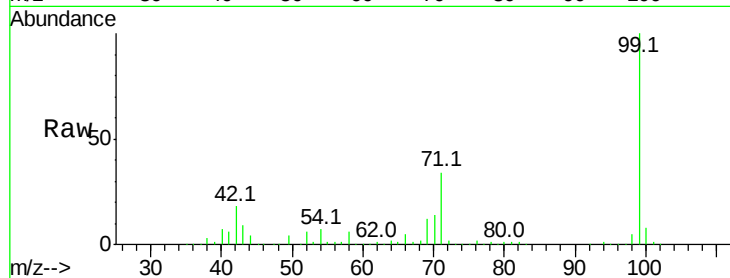
Tot Ion: 99 Resp: 1684073

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

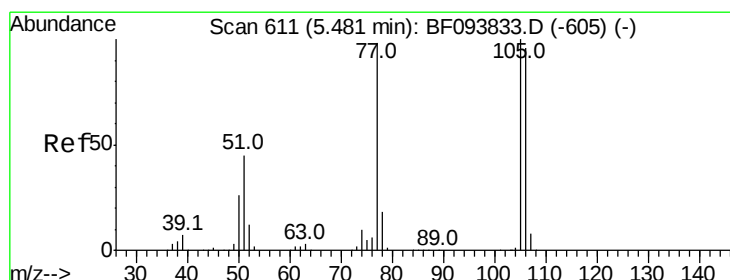
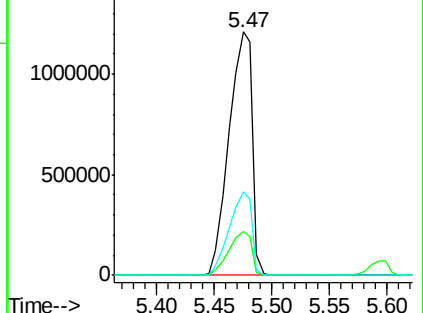
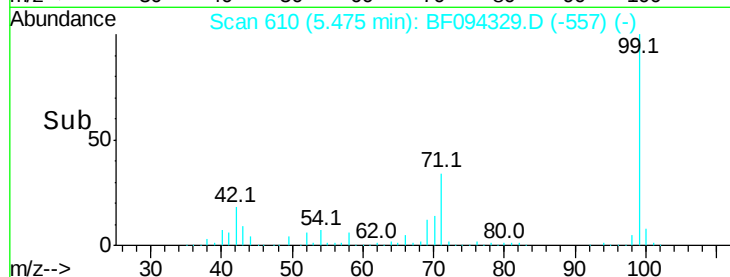
71 34.4 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.51 ng

RT: 5.60 min Scan# 631

Delta R.T. 0.25 min

Lab File: BF094329.D

Acq: 11 Apr 2017 00:54

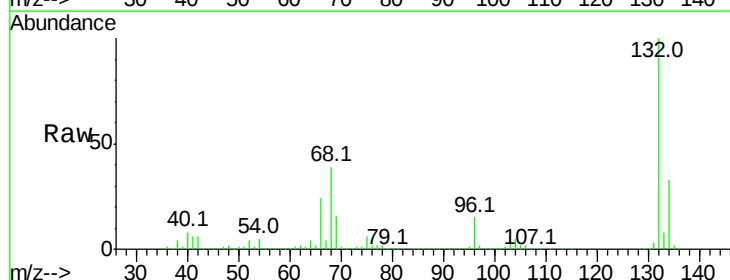
Tgt Ion: 77 Resp: 27514

Ion Ratio Lower Upper

77 100

105 90.8 83.8 123.8

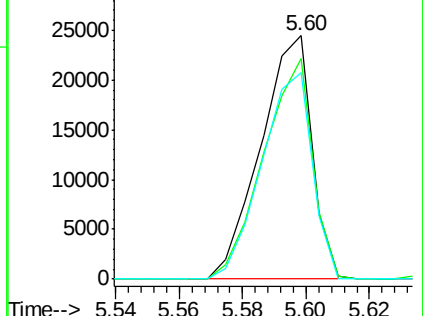
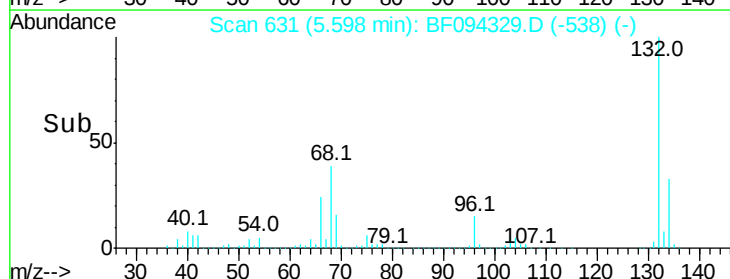
106 85.0 79.1 119.1

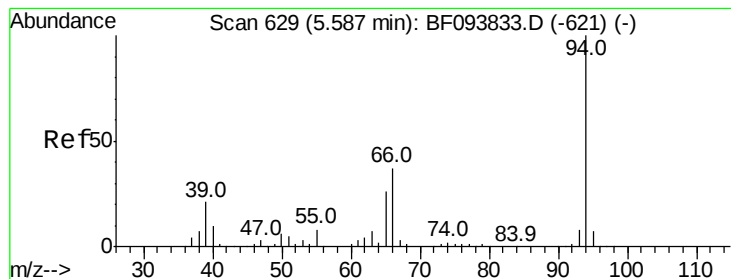


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 6.14 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094329.D

Acq: 11 Apr 2017 00:54

Instrument :

BNA_F

ClientSampled :

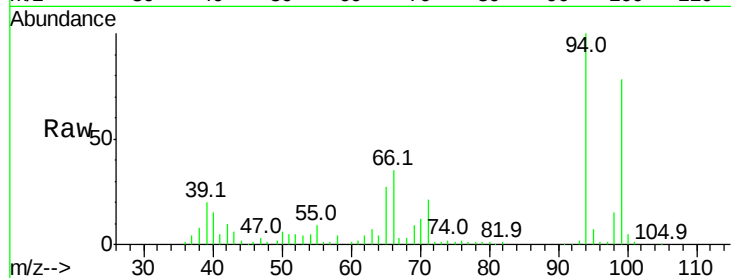
Tot Ion: 94 Resp: 81216

Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

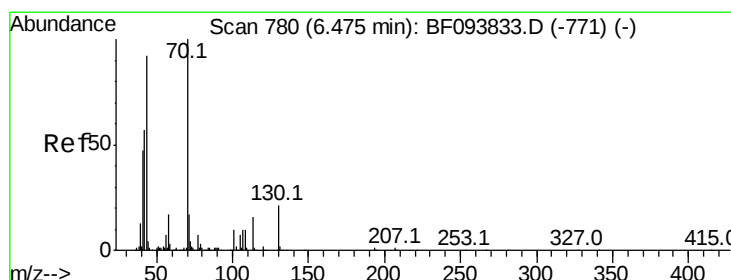
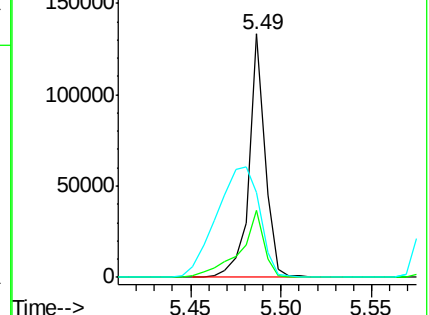
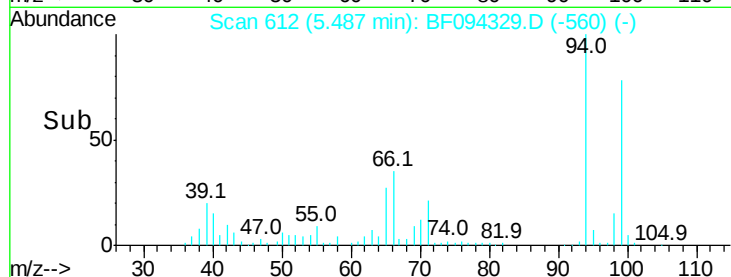
66 35.0 23.1 63.1



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: 18.84 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094329.D

Acq: 11 Apr 2017 00:54

Tgt Ion: 70 Resp: 140733

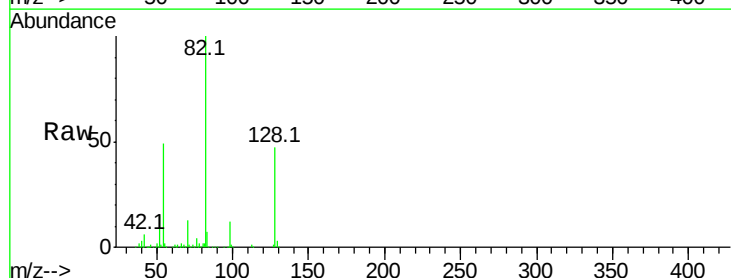
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

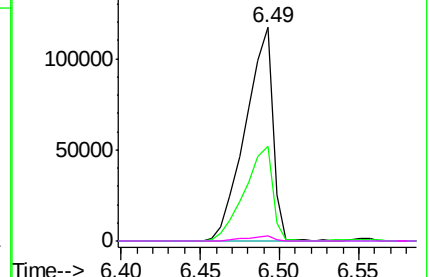
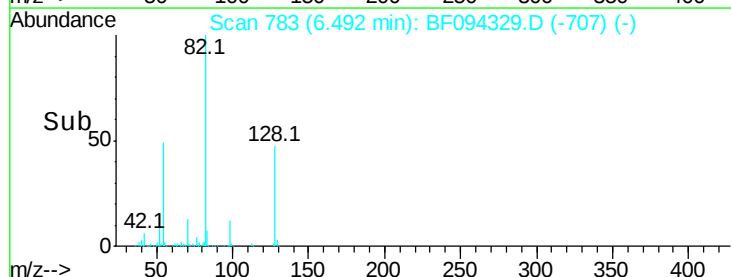


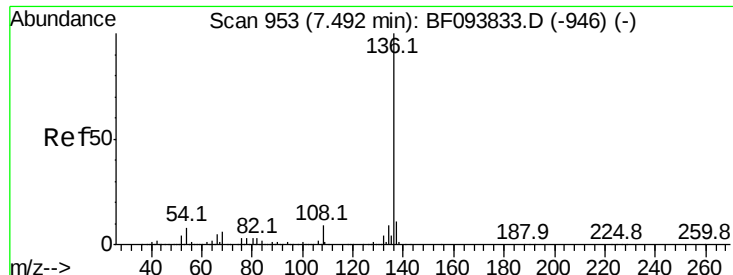
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

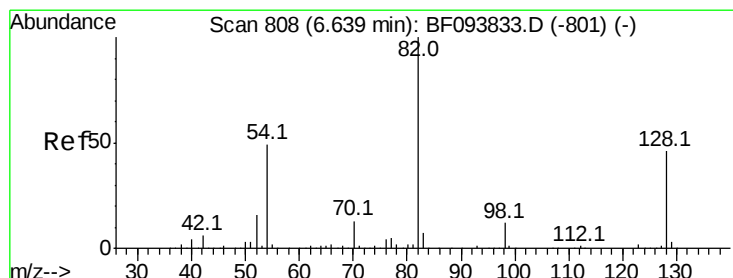
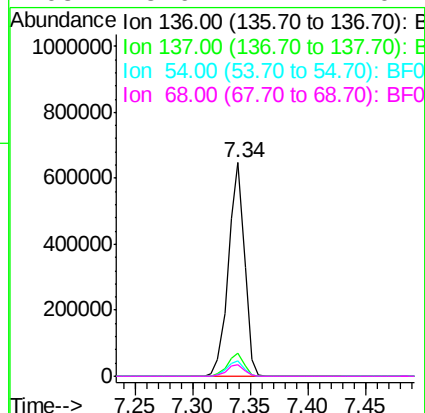
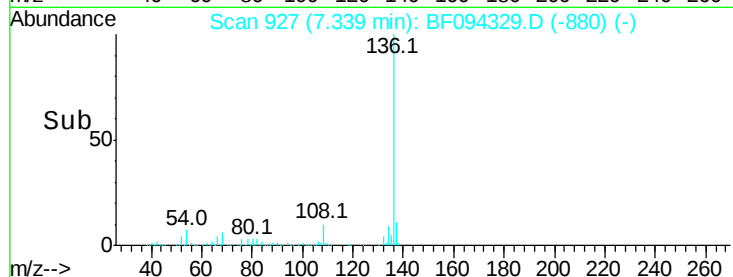
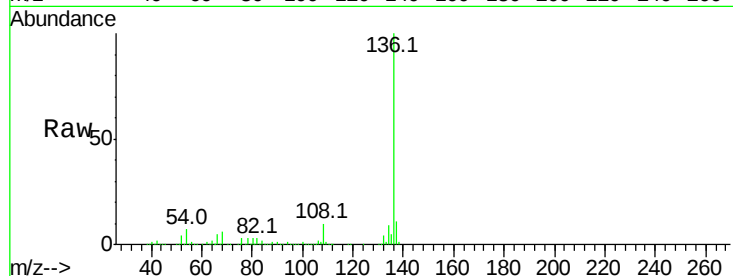




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

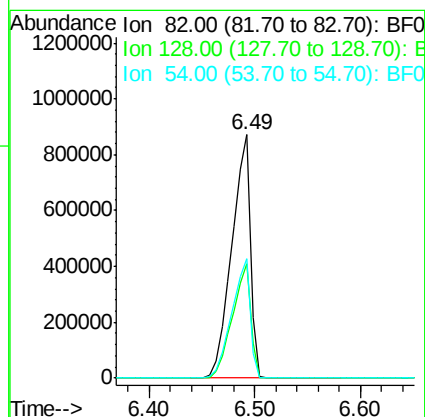
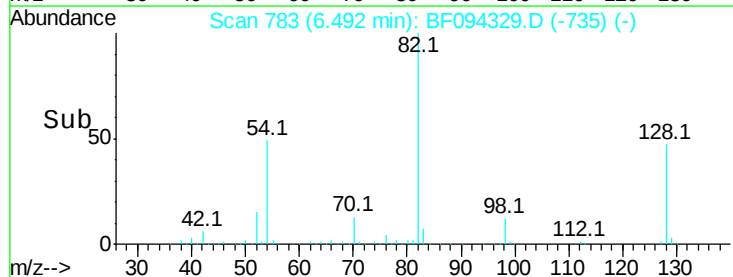
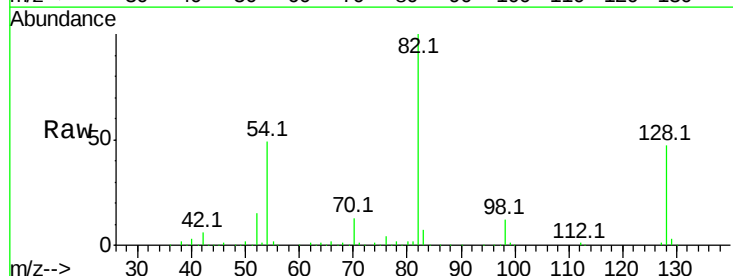
Instrument :
BNA_F
ClientSampleId :

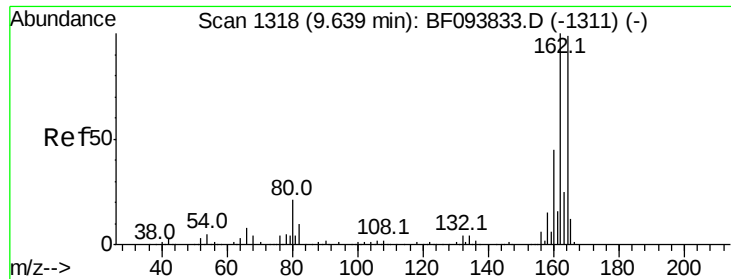
Tot Ion:	136	Resp:	624399
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	4.9	7.3
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 96.63 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Tgt Ion:	82	Resp:	1057285
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.1	42.2	63.2

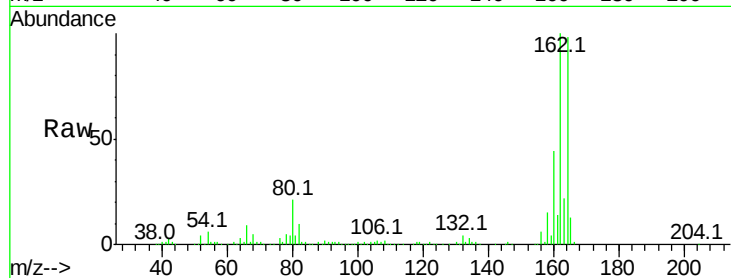




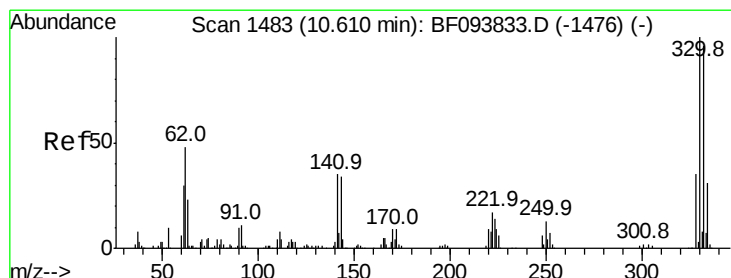
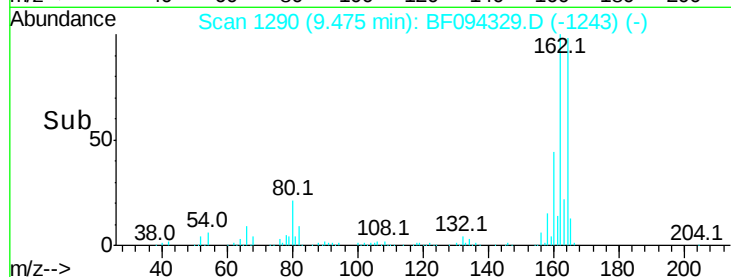
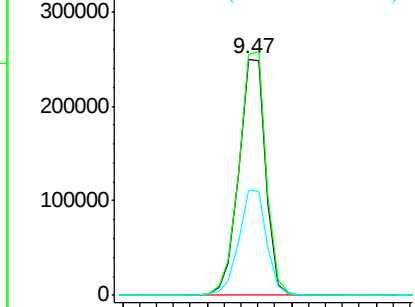
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094329.D
 Acq: 11 Apr 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 275000
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 44.4 36.2 54.2

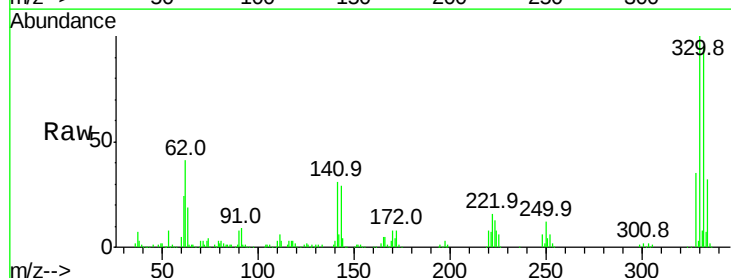


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

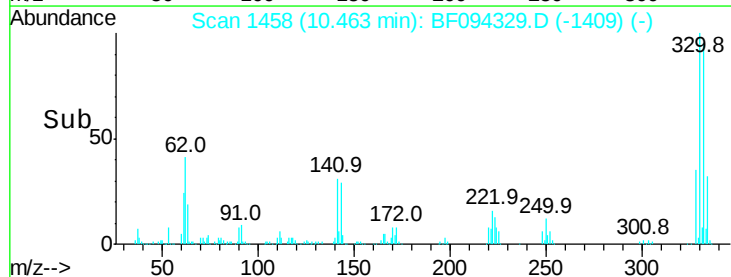
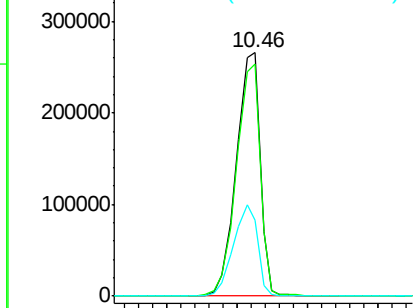


#41
 2,4,6-Tribromophenol
 Concen: 144.55 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094329.D
 Acq: 11 Apr 2017 00:54

Tgt Ion:330 Resp: 314118
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.3 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



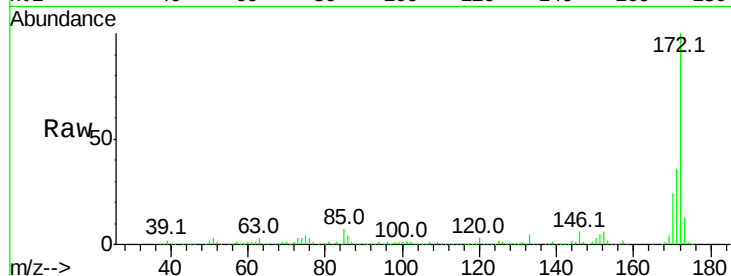


#44
 2-Fluorobiphenyl
 Concen: 96.00 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094329.D
 Acq: 11 Apr 2017 00:54

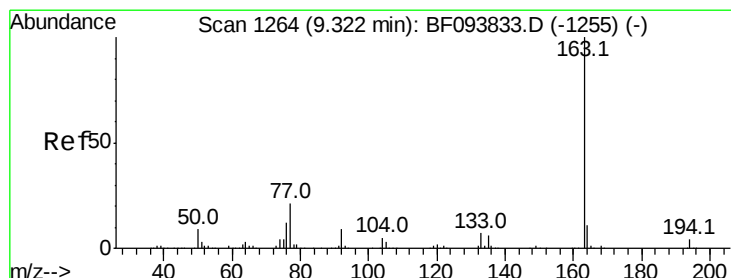
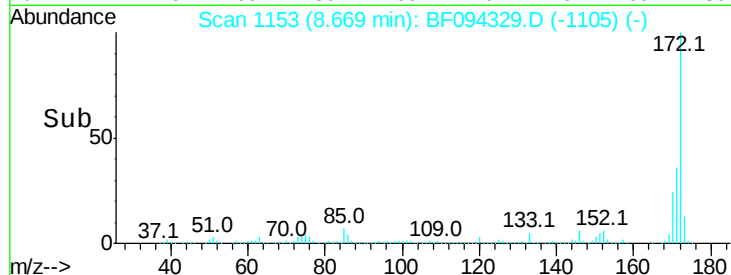
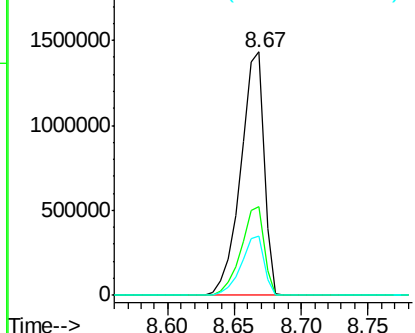
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1730785

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.8	29.8



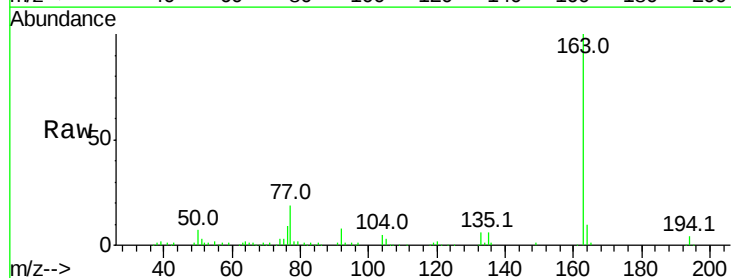
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



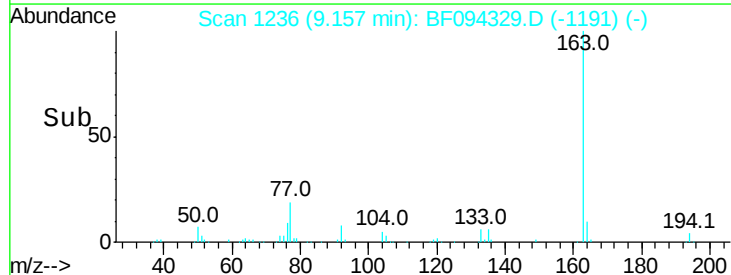
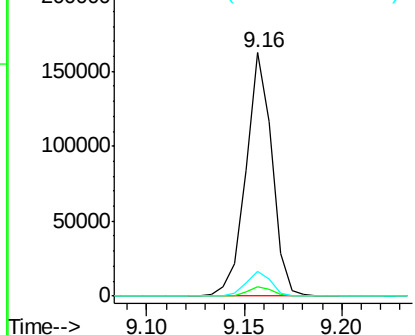
#49
 Dimethylphthalate
 Concen: 7.68 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094329.D
 Acq: 11 Apr 2017 00:54

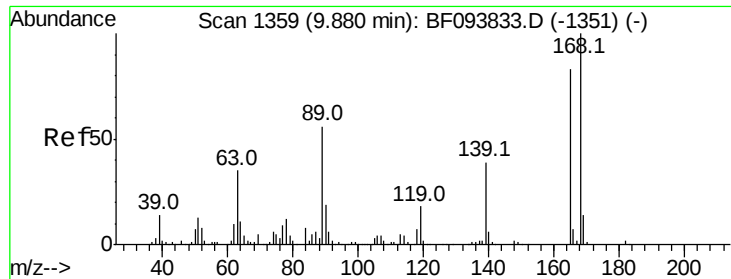
Tgt Ion:163 Resp: 150184

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	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

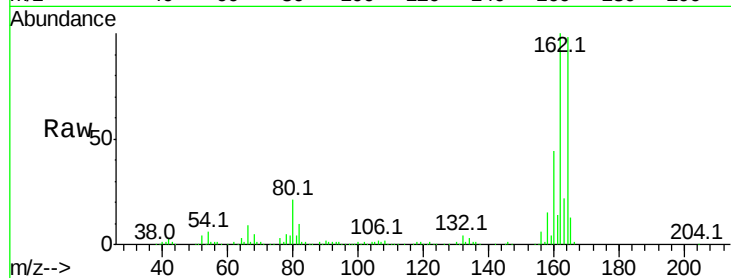




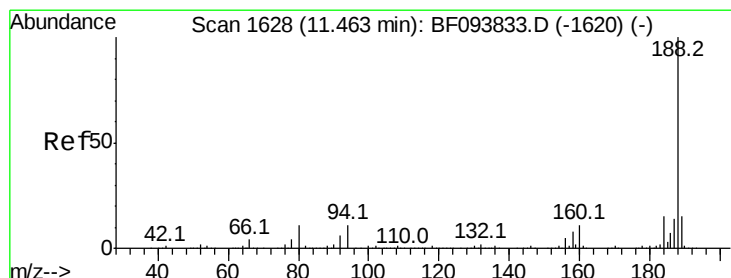
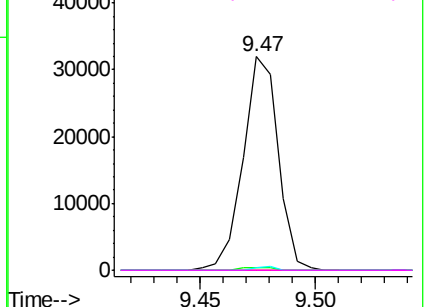
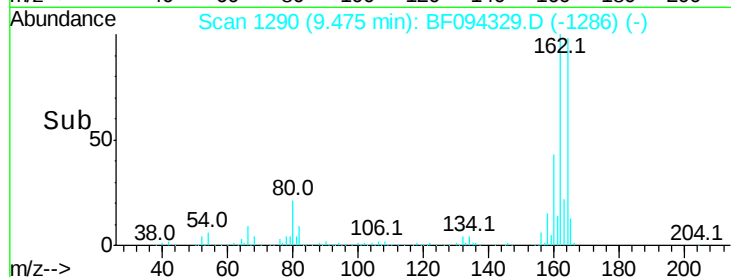
#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094329.D
 Acq: 11 Apr 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34104
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

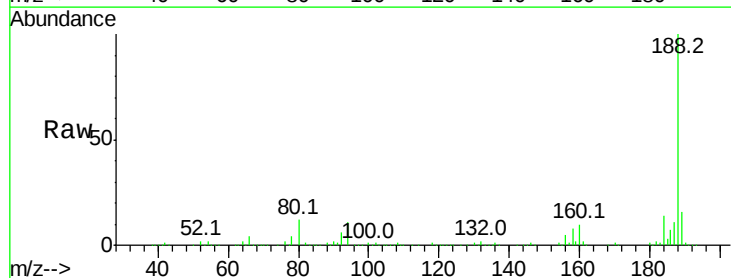


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

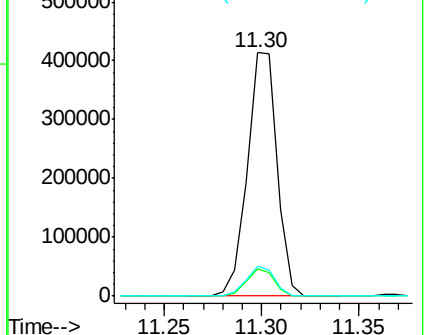
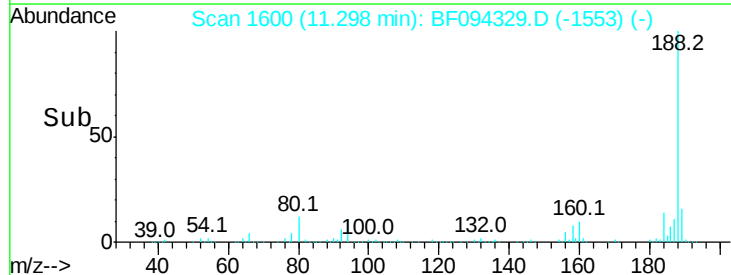


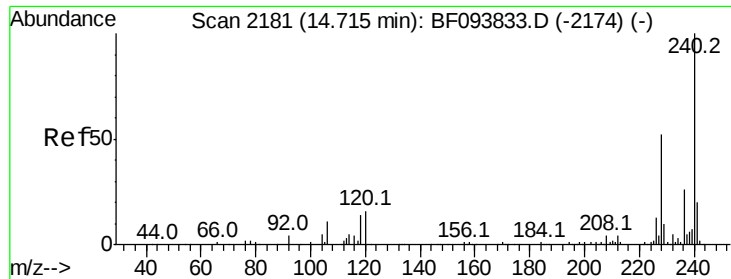
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094329.D
 Acq: 11 Apr 2017 00:54

Tgt Ion:188 Resp: 437668
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 12.4 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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094329.D

Acq: 11 Apr 2017 00:54

Instrument :

BNA_F

ClientSampleId :

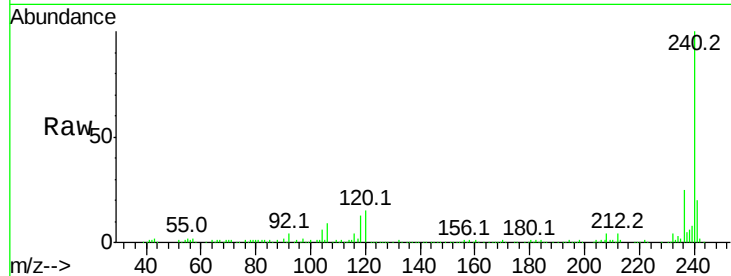
Tot Ion:240 Resp: 293200

Ion Ratio Lower Upper

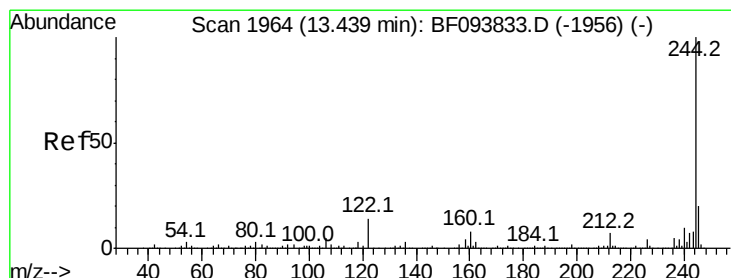
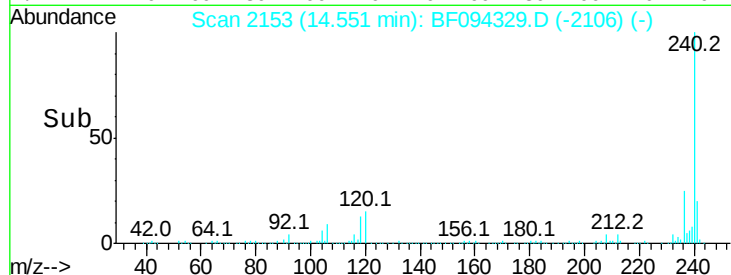
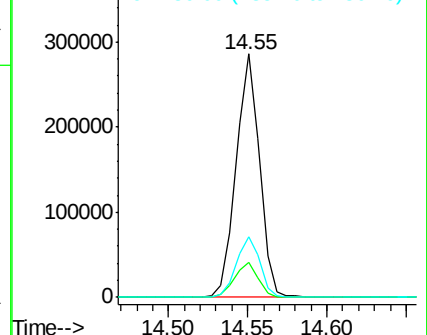
240 100

120 14.6 5.8 8.8#

236 25.1 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: 90.35 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094329.D

Acq: 11 Apr 2017 00:54

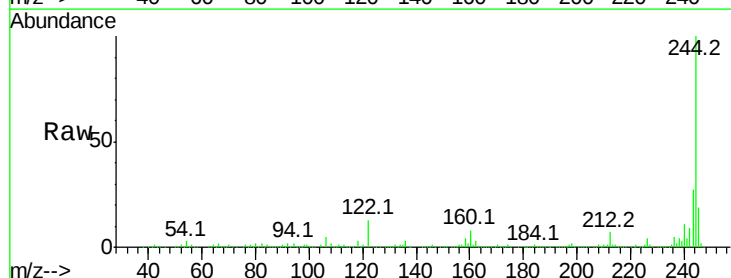
Tgt Ion:244 Resp: 1181836

Ion Ratio Lower Upper

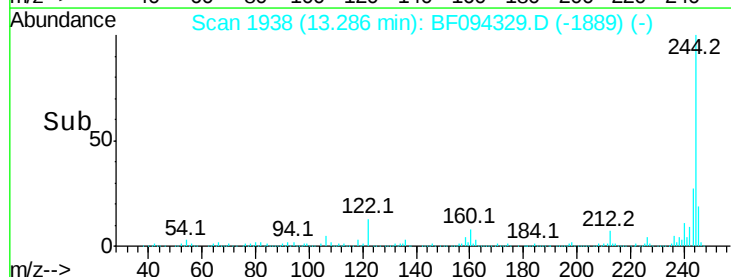
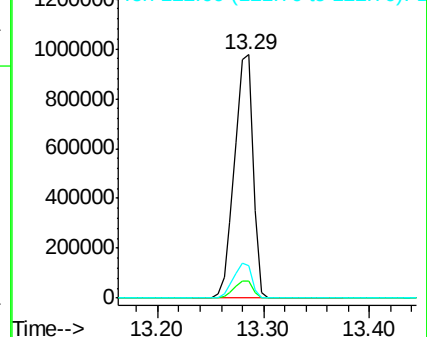
244 100

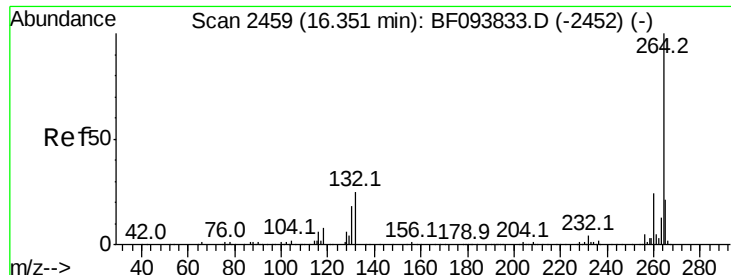
212 7.2 6.0 9.0

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

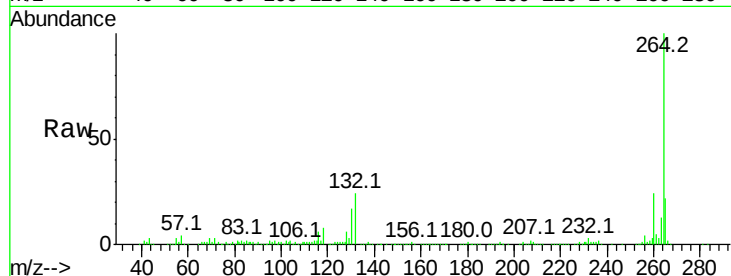




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094329.D
Acq: 11 Apr 2017 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	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

