

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094846.D
 Acq On : 3 May 2017 21:38
 Operator : SJ/MA
 Sample : I2914-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:12:06 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

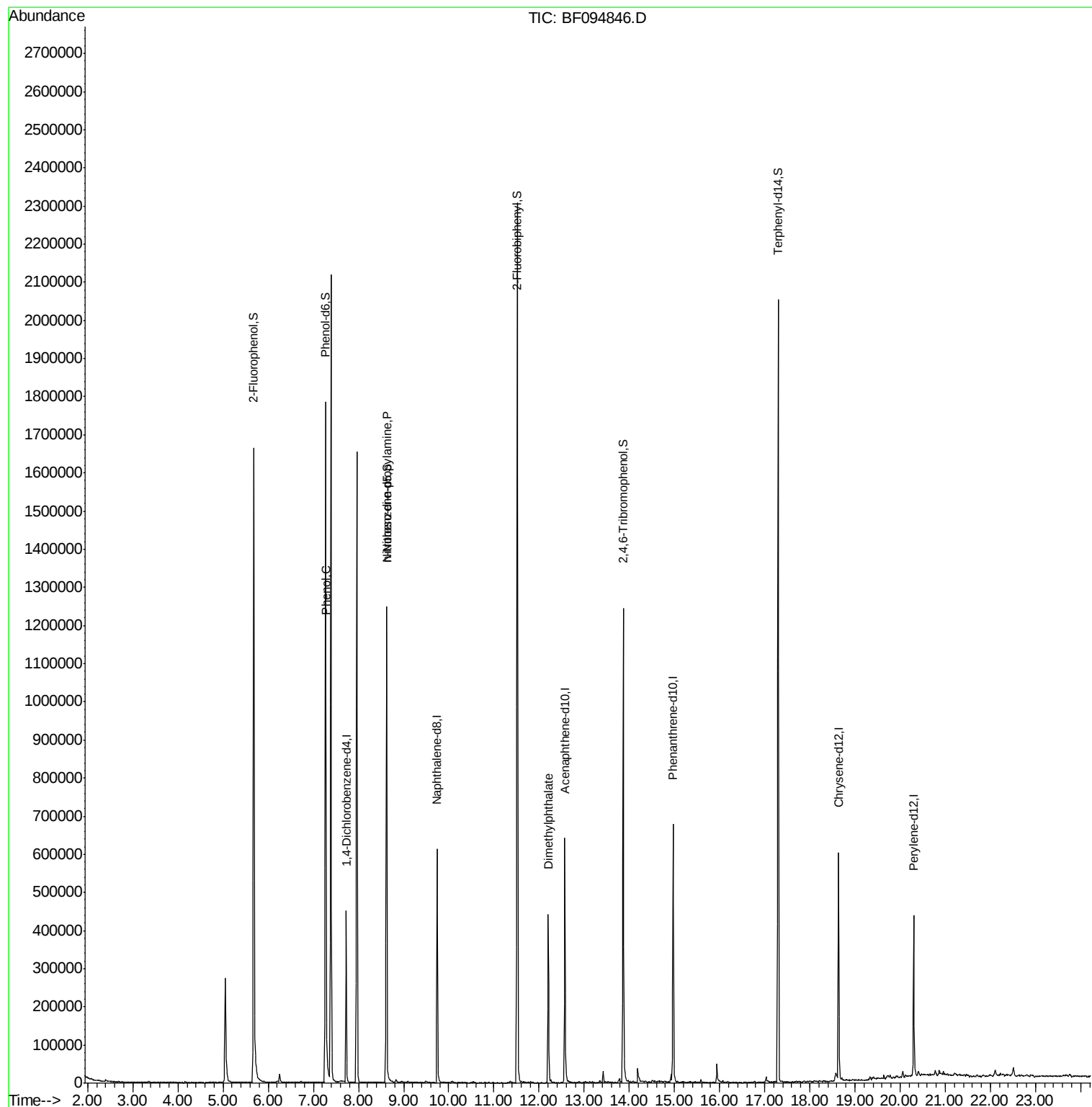
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88124	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	379249	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	180046	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	334330	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	263336	20.00	ng	-0.02
86) Perylene-d12	20.30	264	188654	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	775352	146.69	ng	0.00
7) Phenol-d6	7.27	99	942705	148.64	ng	0.00
23) Nitrobenzene-d5	8.62	82	559871	93.09	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	200276	135.82	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	969667	77.52	ng	-0.01
78) Terphenyl-d14	17.30	244	783152	65.50	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	23130	3.46	ng	88
19) n-Nitroso-di-n-propylamine	8.62	70	72308	16.86	ng	# 74
49) Dimethylphthalate	12.21	163	260765	17.64	ng	98

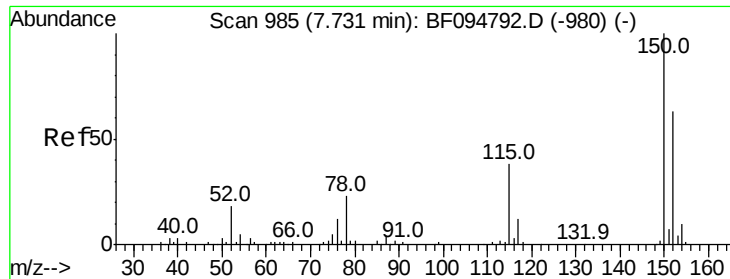
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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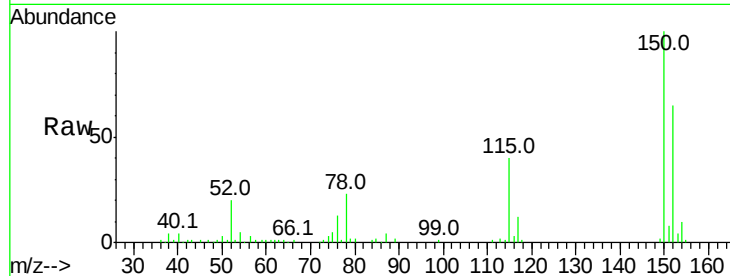


#1

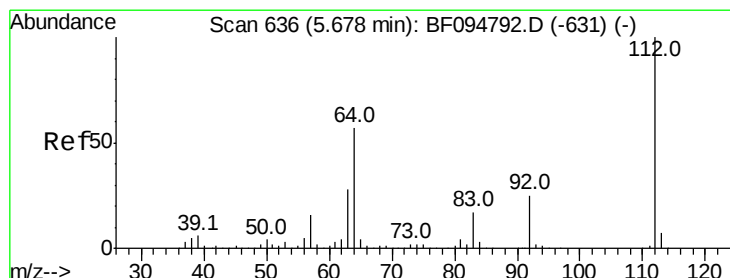
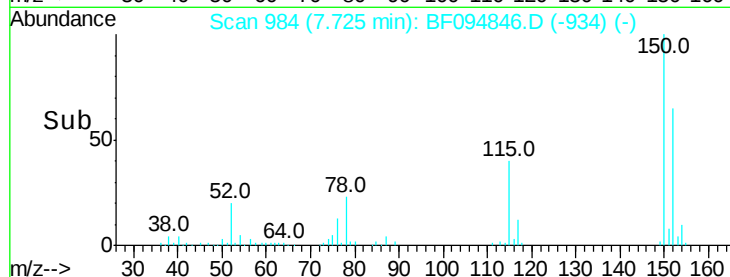
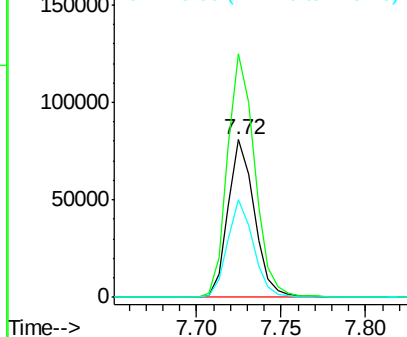
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094846.D
Acq: 3 May 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88124
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 61.9 52.2 78.2



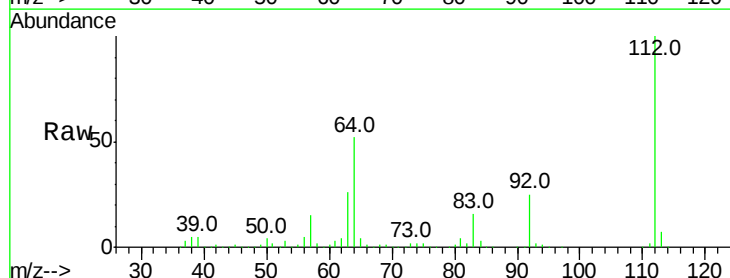
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



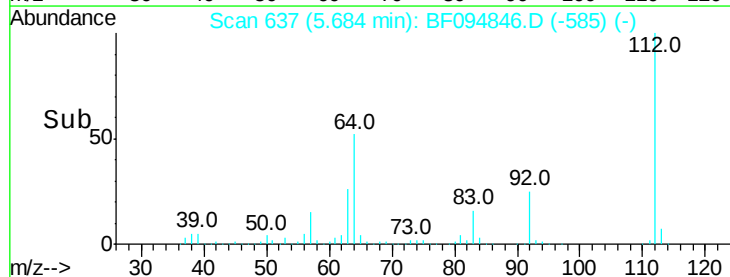
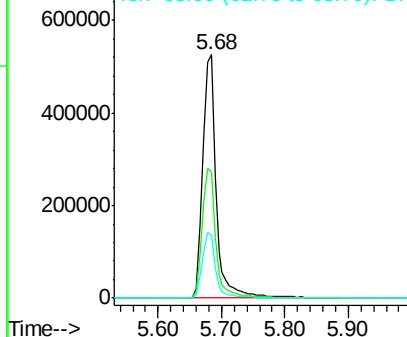
#5

2-Fluorophenol
Concen: 146.69 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094846.D
Acq: 3 May 2017 21:38

Tgt Ion:112 Resp: 775352
Ion Ratio Lower Upper
112 100
64 51.7 46.0 69.0
63 26.1 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: 148.64 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094846.D

Acq: 3 May 2017 21:38

Instrument :

BNA_F

ClientSampled :

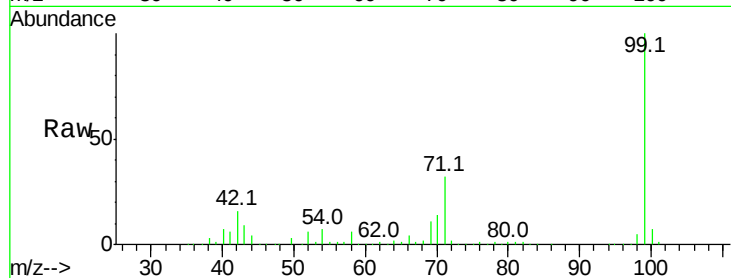
Tot Ion: 99 Resp: 942705

Ion Ratio Lower Upper

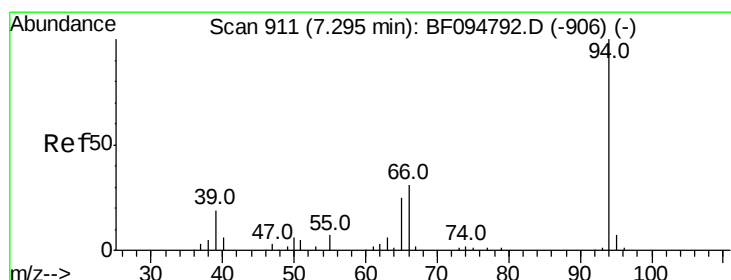
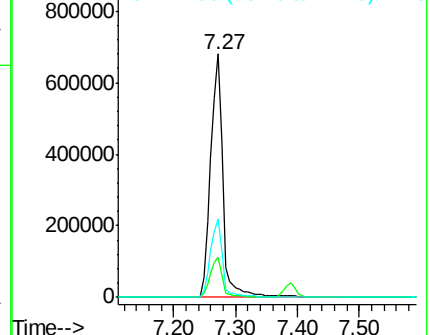
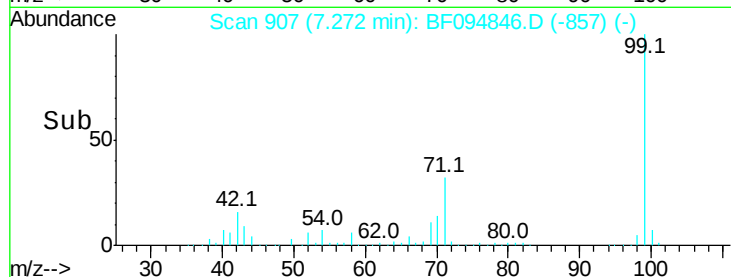
99 100

42 16.5 13.5 20.3

71 32.3 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: 3.46 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094846.D

Acq: 3 May 2017 21:38

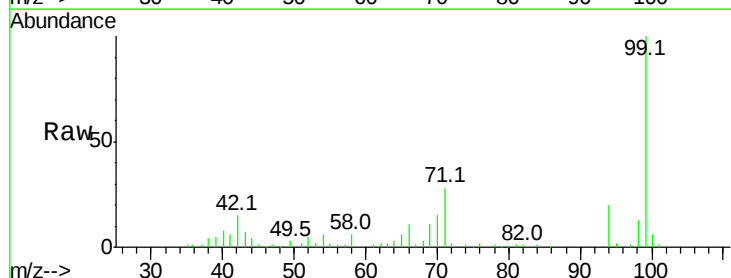
Tgt Ion: 94 Resp: 23130

Ion Ratio Lower Upper

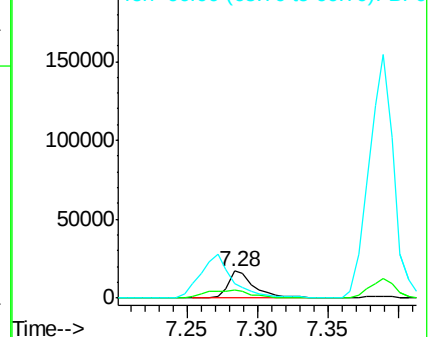
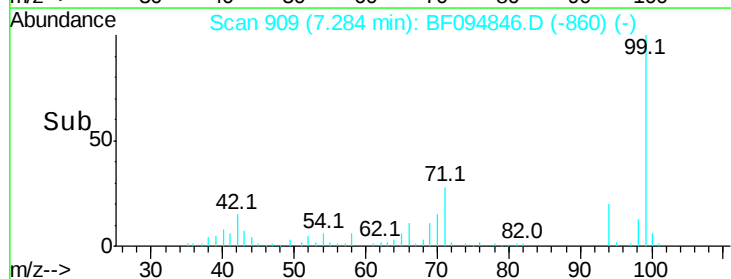
94 100

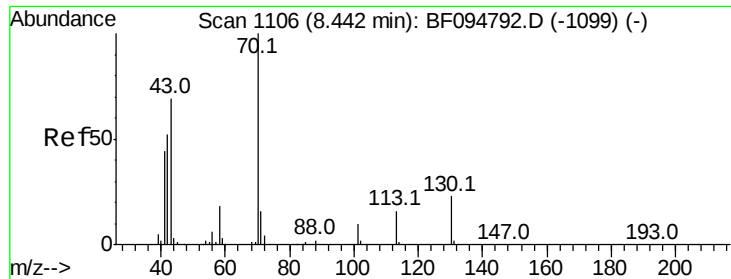
65 30.8 9.9 49.9

66 55.4 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

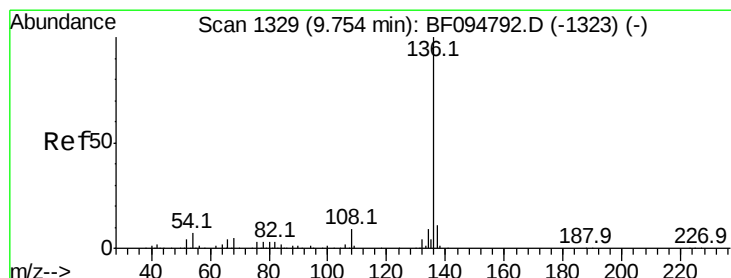
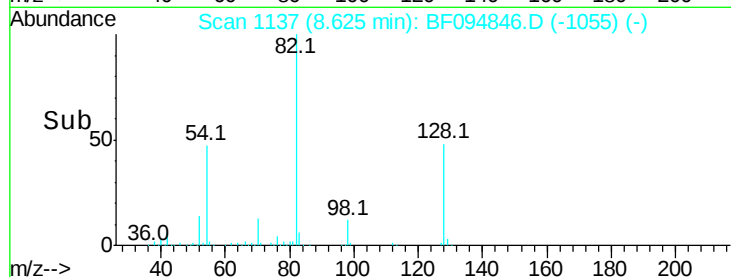
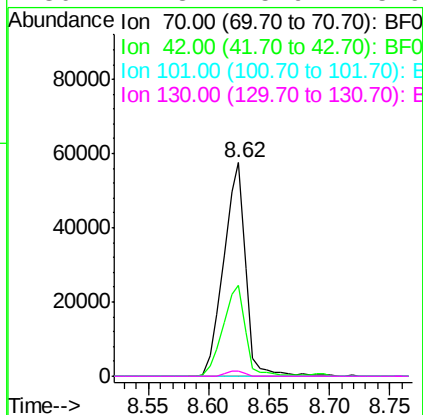
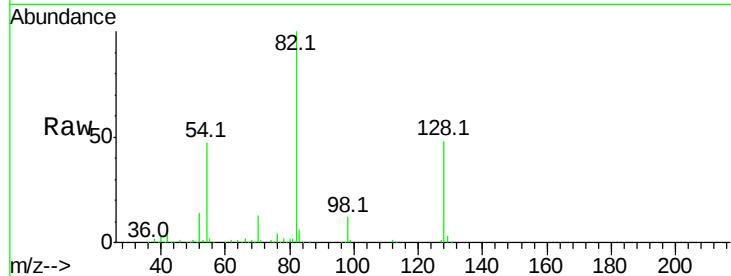




#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.18 min
Lab File: BF094846.D
Acq: 3 May 2017 21:38

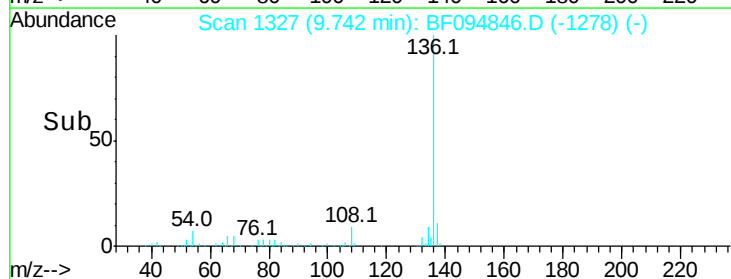
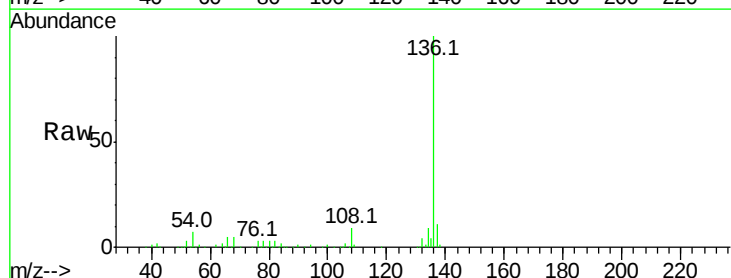
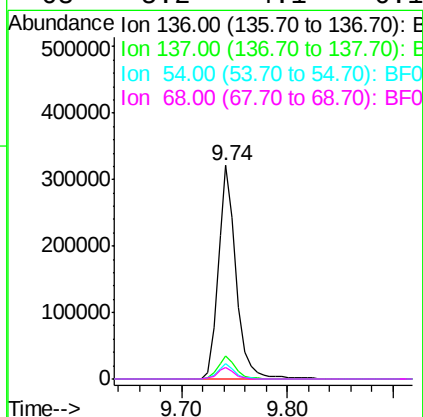
Instrument :
BNA_F
ClientSampled :

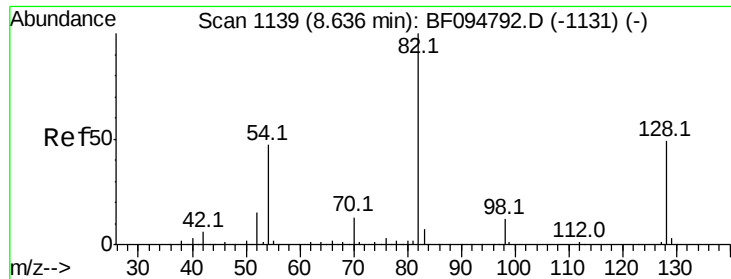
Tot Ion: 70 Resp: 72308
Ion Ratio Lower Upper
70 100
42 42.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094846.D
Acq: 3 May 2017 21:38

Tgt Ion: 136 Resp: 379249
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.1 4.9 7.3
68 5.2 4.1 6.1

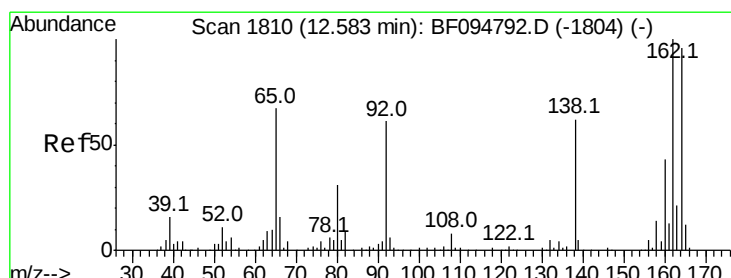
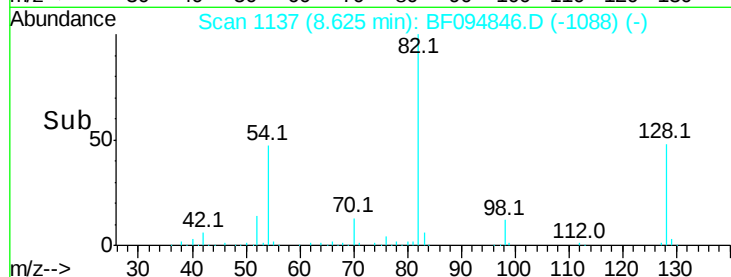
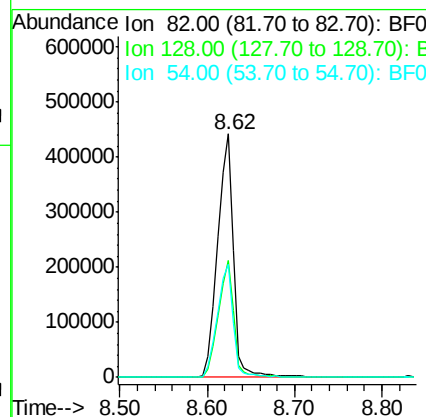
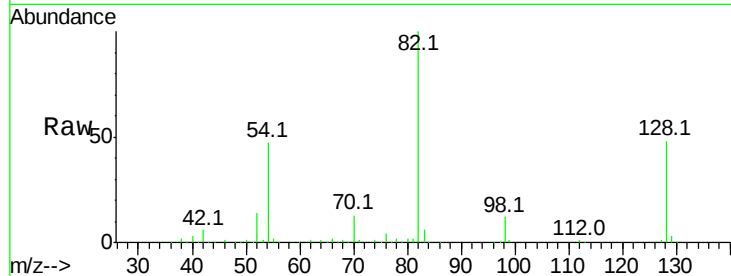




#23
 Nitrobenzene-d5
 Concen: 93.09 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

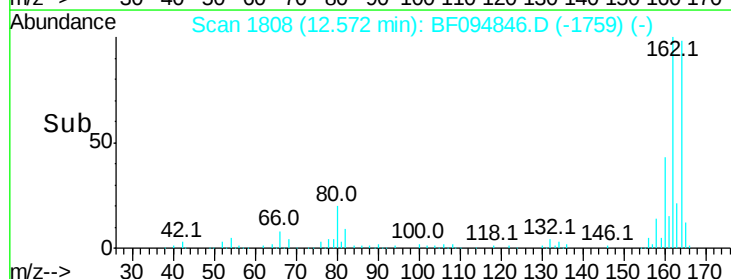
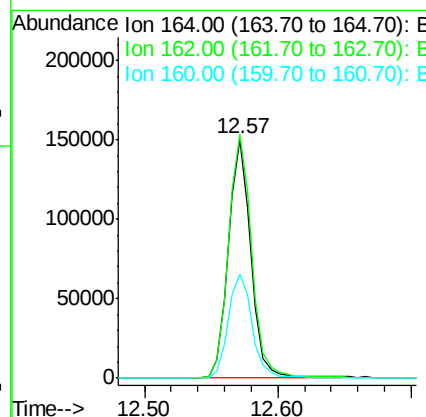
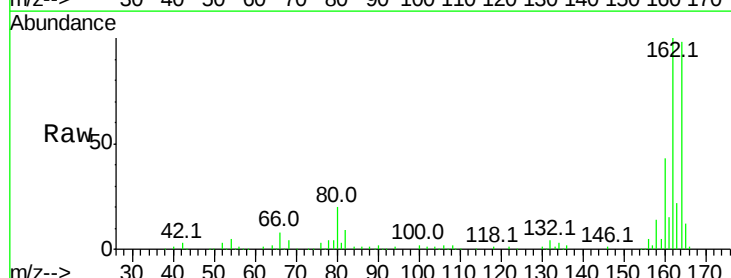
Instrument :
 BNA_F
 ClientSampled :

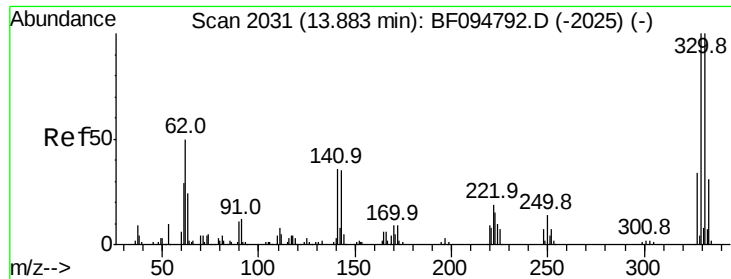
Tot Ion: 82 Resp: 559871
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 46.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

Tgt Ion:164 Resp: 180046
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 43.4 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 135.82 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094846.D

Acq: 3 May 2017 21:38

Instrument :

BNA_F

ClientSampleId :

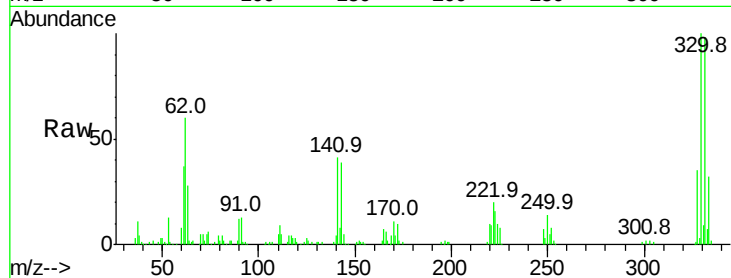
Tot Ion:330 Resp: 200276

Ion Ratio Lower Upper

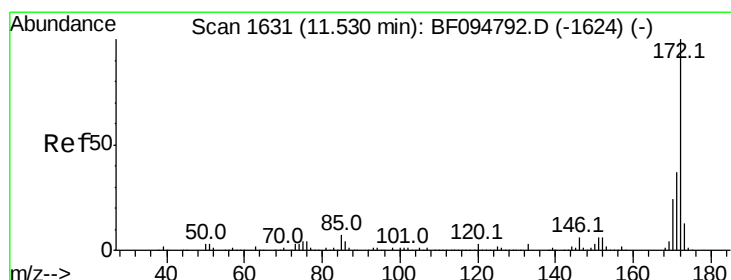
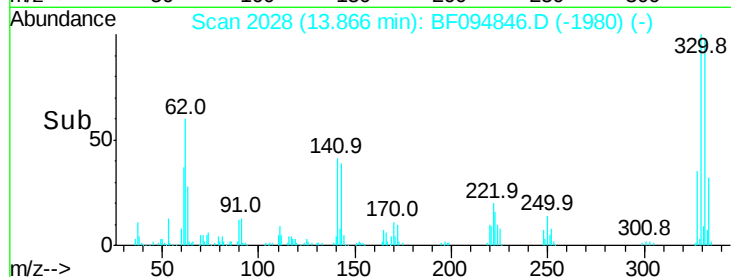
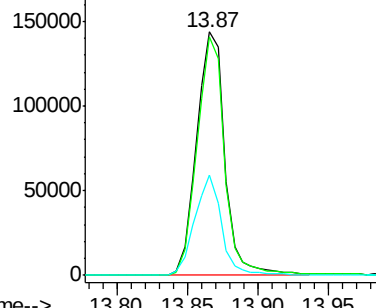
330 100

332 96.7 76.6 115.0

141 39.4 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: 77.52 ng

RT: 11.52 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF094846.D

Acq: 3 May 2017 21:38

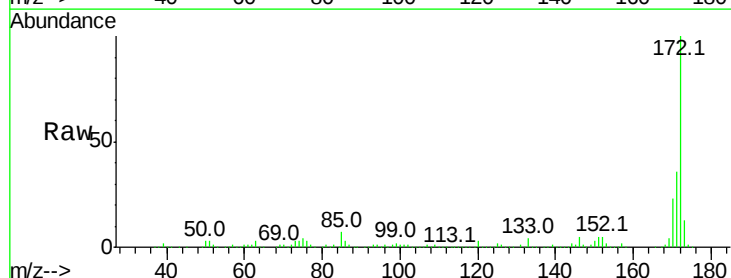
Tgt Ion:172 Resp: 969667

Ion Ratio Lower Upper

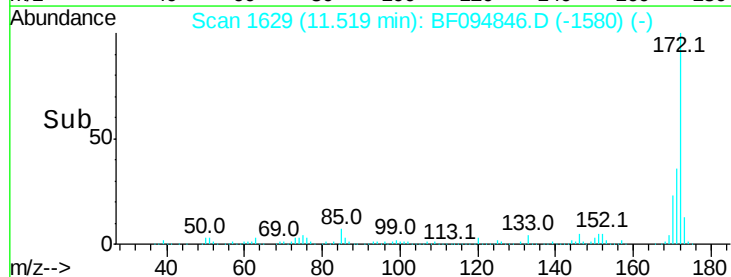
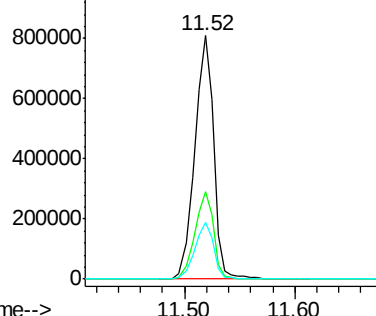
172 100

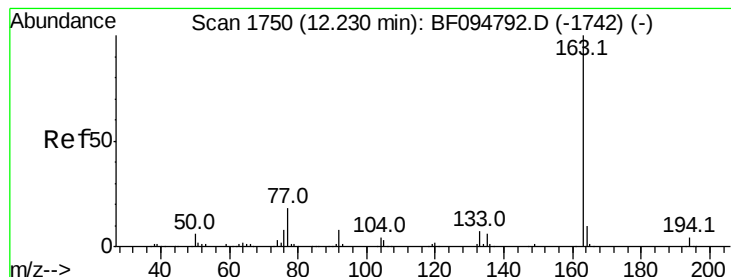
171 35.8 29.6 44.4

170 23.3 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

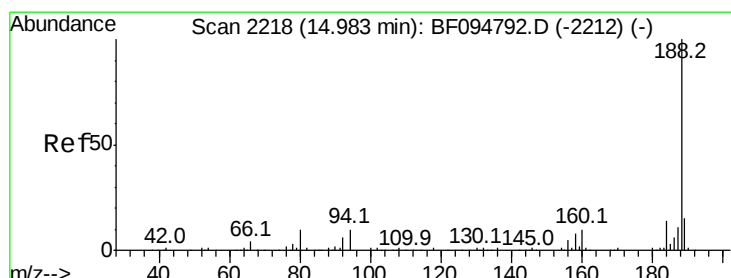
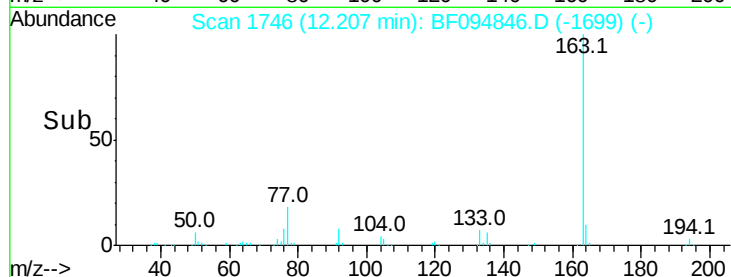
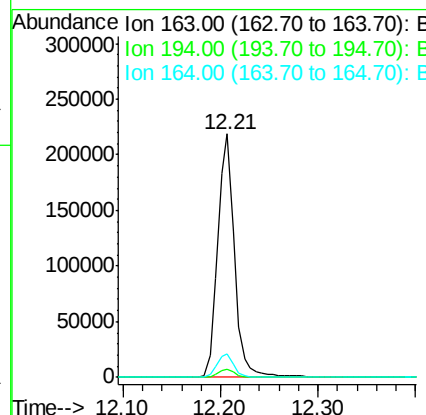
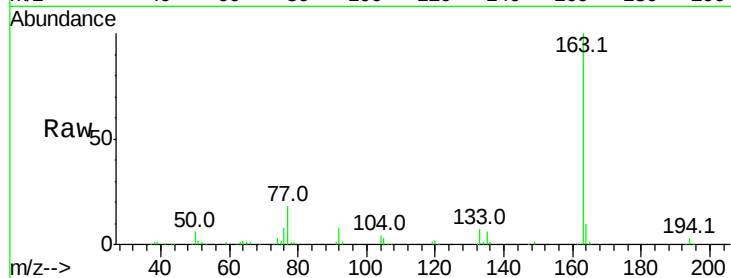




#49
 Dimethylphthalate
 Concen: 17.64 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

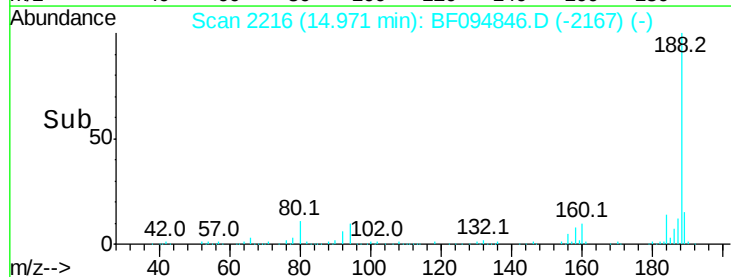
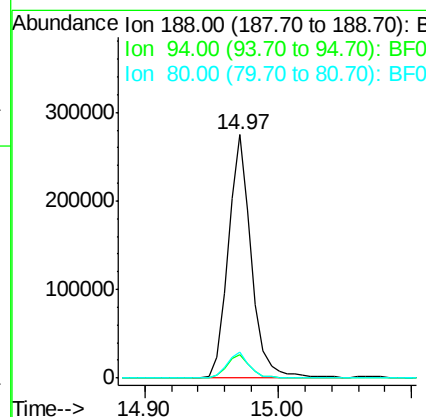
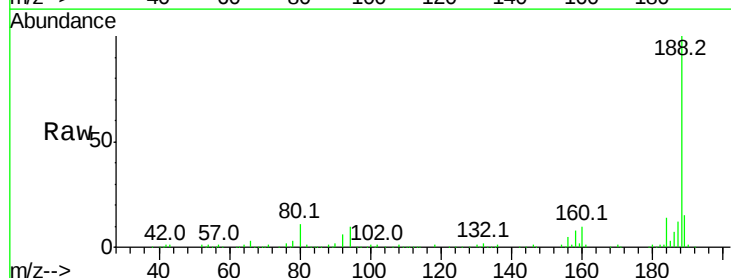
Instrument :
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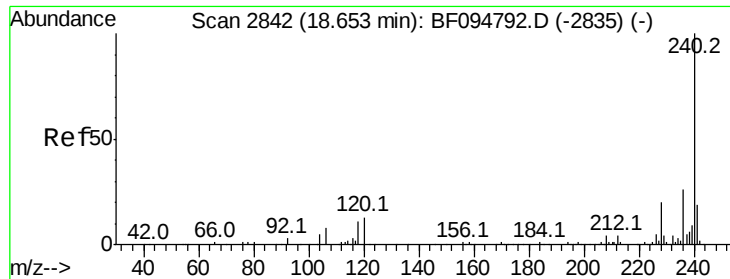
Tot Ion:163 Resp: 260765
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 9.7 8.4 12.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

Tgt Ion:188 Resp: 334330
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.6 10.2 15.2

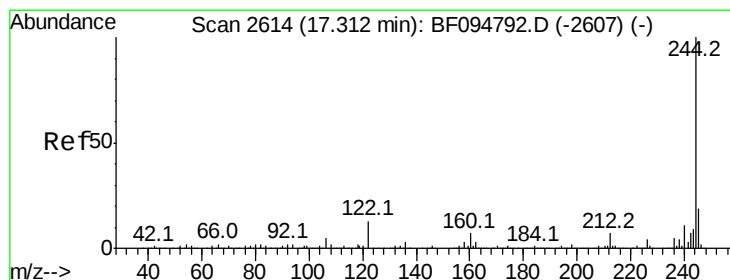
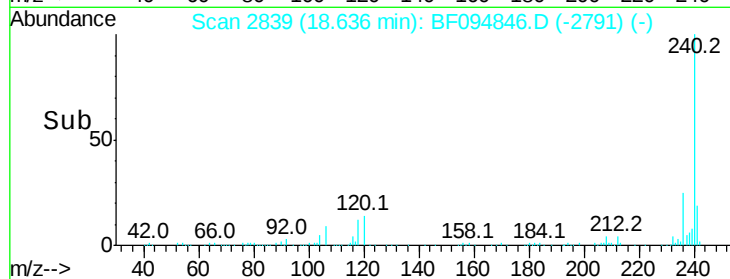
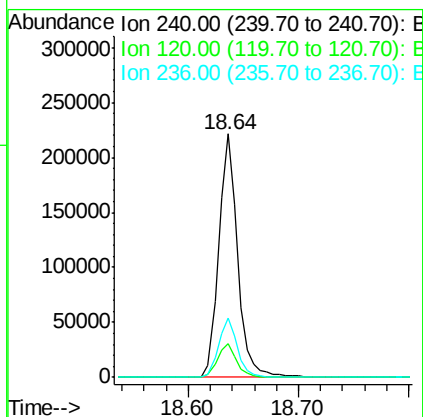
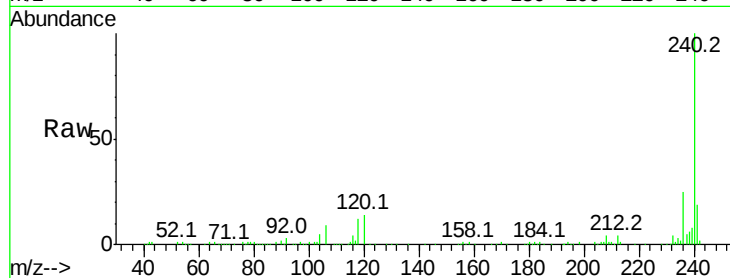




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

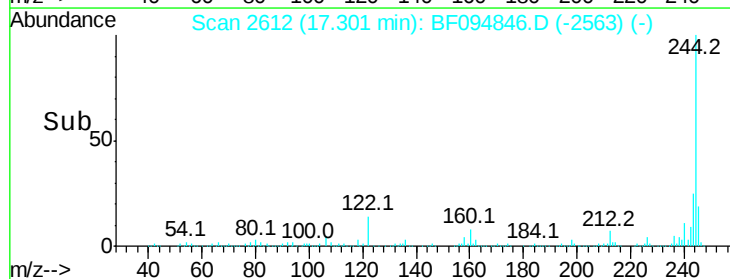
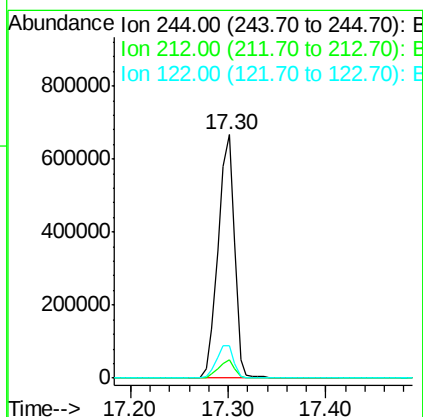
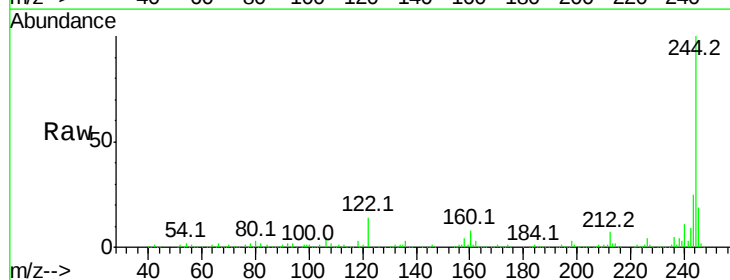
Instrument :
 BNA_F
 ClientSampleID :

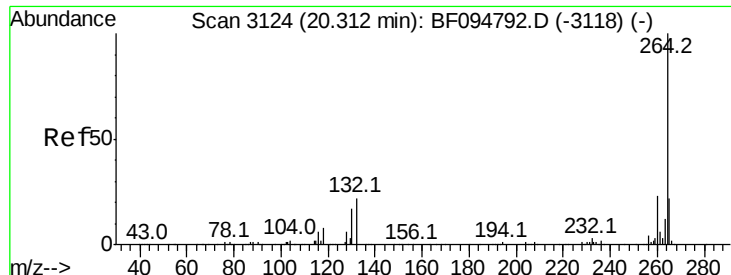
Tot Ion:240 Resp: 263336
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.6 20.5 30.7



#78
 Terphenyl-d14
 Concen: 65.50 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

Tgt Ion:244 Resp: 783152
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.5 10.3 15.5

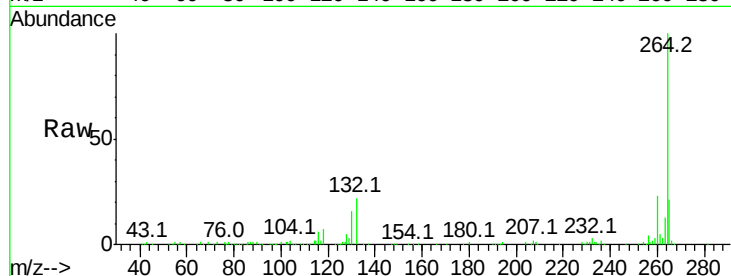




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094846.D
 Acq: 3 May 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	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

