

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094628.D
 Acq On : 26 Apr 2017 2:52
 Operator : SJ/MA
 Sample : I2820-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 05:36:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

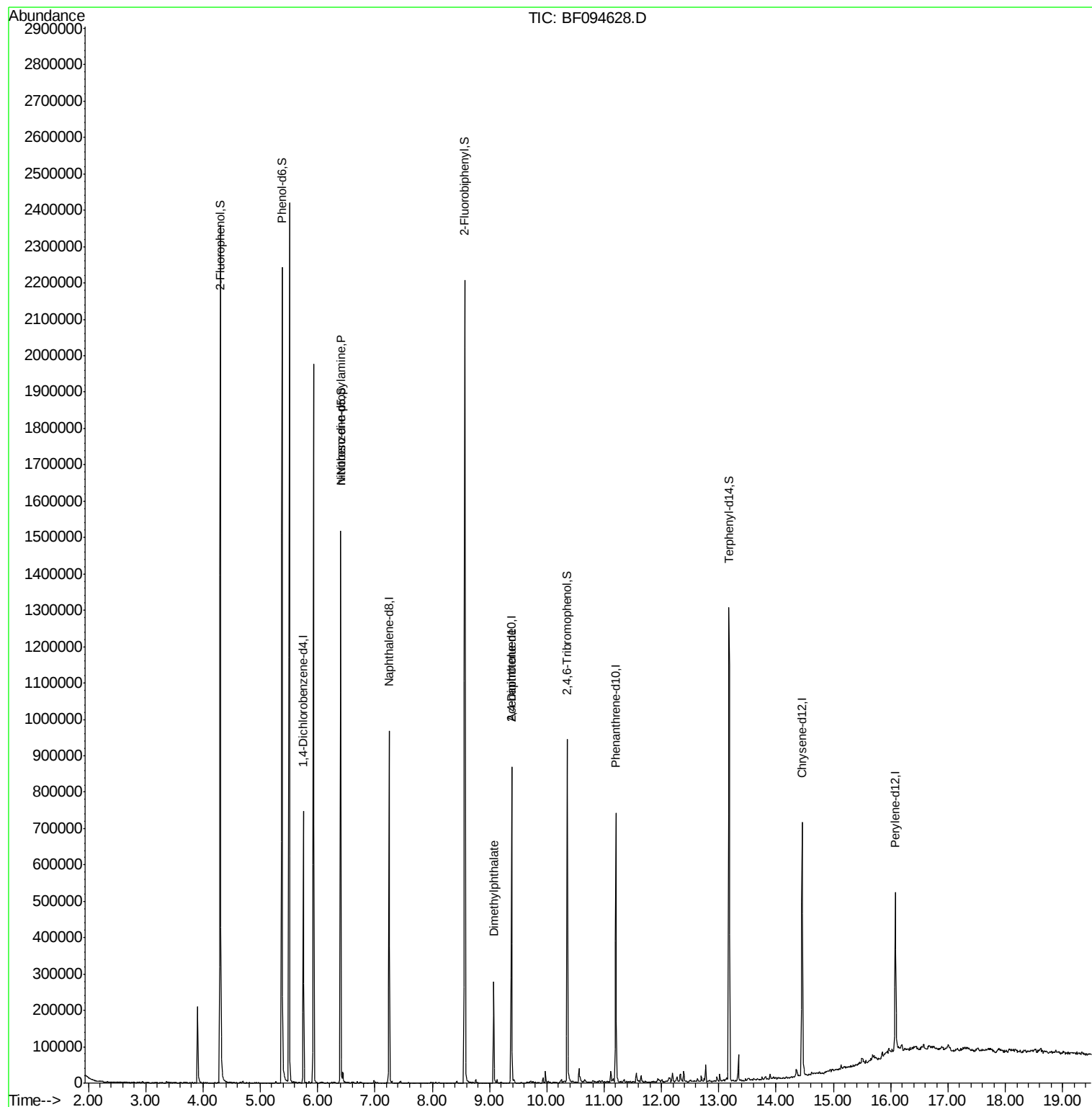
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	122043	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	471198	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	190969	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	285447	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	256447	20.00	ng	-0.01
86) Perylene-d12	16.08	264	178245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	715221	97.23	ng	0.00
7) Phenol-d6	5.38	99	883302	101.85	ng	-0.01
23) Nitrobenzene-d5	6.40	82	500896	65.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	119808	80.21	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	775521	59.75	ng	-0.02
78) Terphenyl-d14	13.18	244	454636	47.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	64915	11.30	ng	# 75
49) Dimethylphthalate	9.07	163	124672	8.76	ng	98
56) 2,4-Dinitrotoluene	9.38	165	23680	6.04	ng	# 33

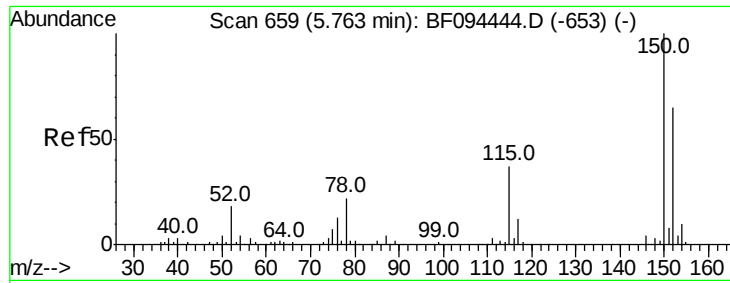
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

Instrument :

BNA_F

ClientSampled :

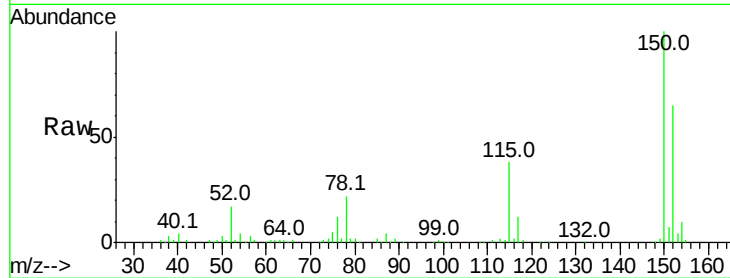
Tot Ion:152 Resp: 122043

Ion Ratio Lower Upper

152 100

150 154.8 126.2 189.2

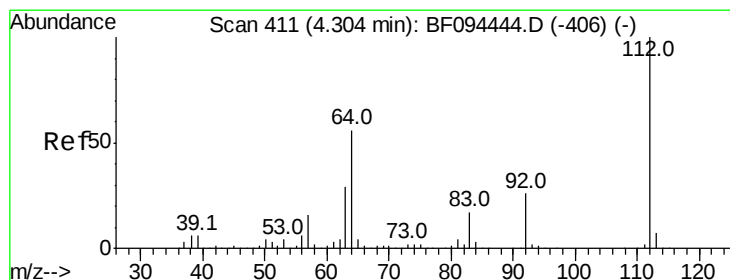
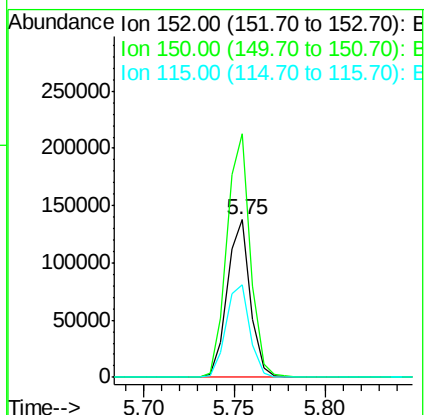
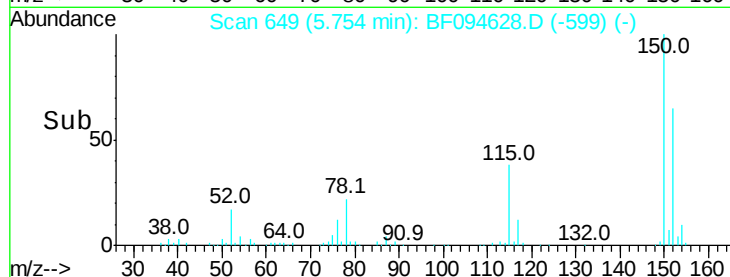
115 58.7 52.2 78.2



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: 97.23 ng

RT: 4.30 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

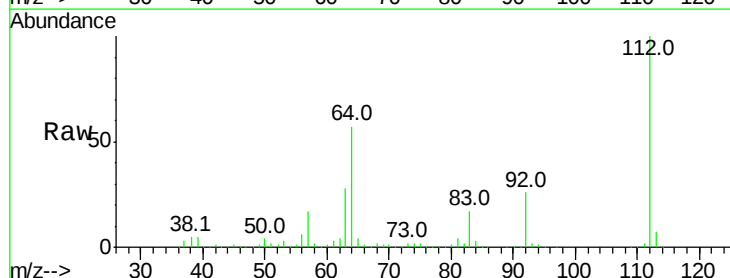
Tgt Ion:112 Resp: 715221

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

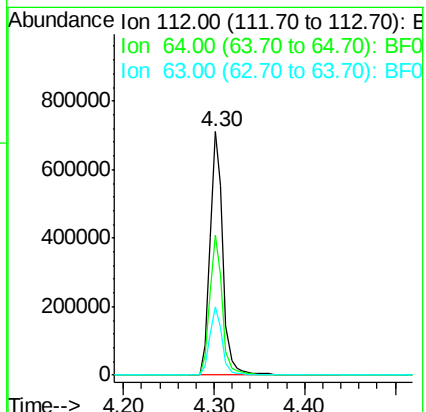
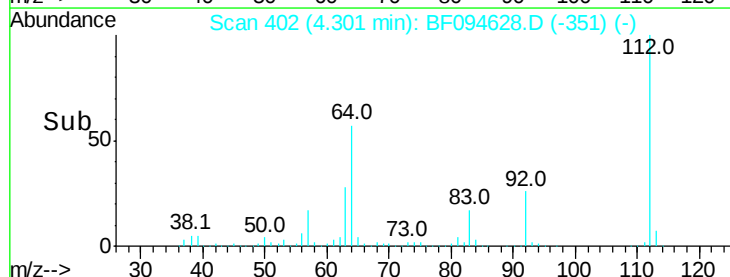
63 28.2 23.4 35.0

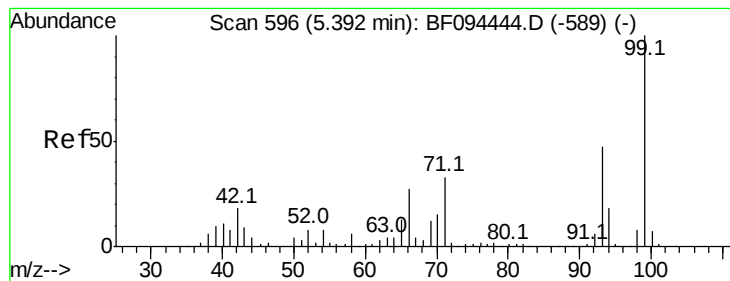


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.85 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

Instrument :

BNA_F

ClientSampleId :

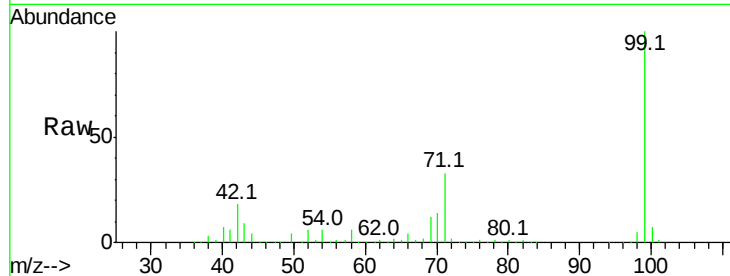
Tot Ion: 99 Resp: 883302

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

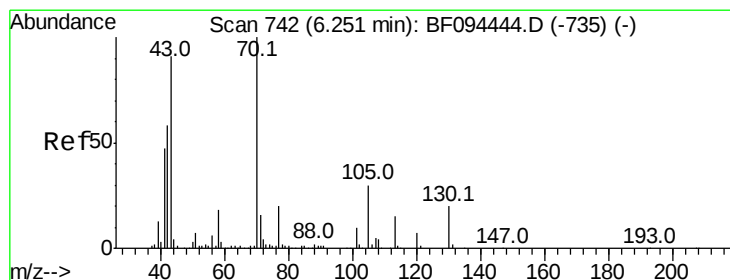
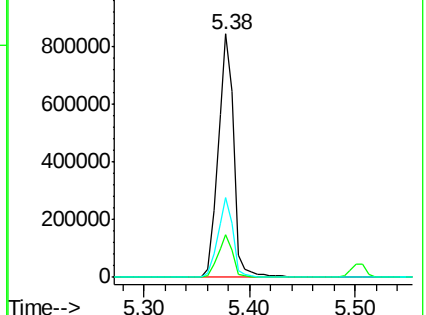
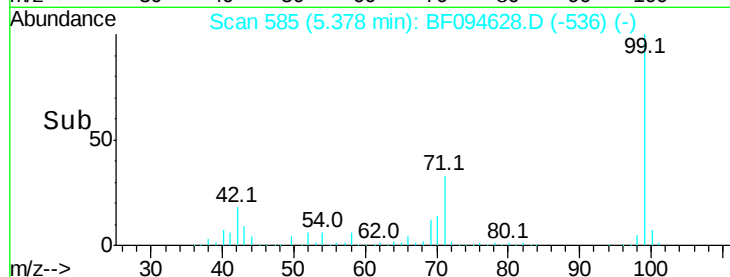
71 32.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.30 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

Tgt Ion: 70 Resp: 64915

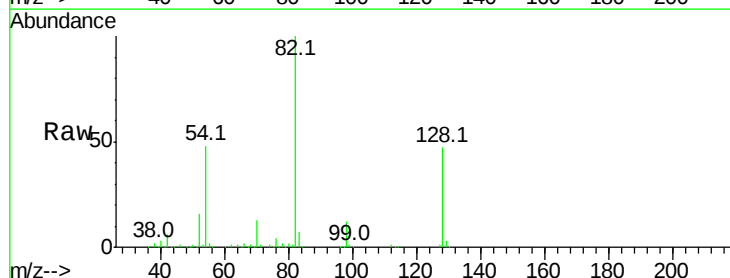
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

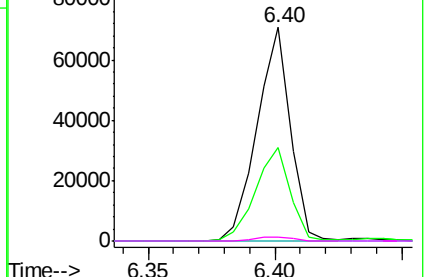
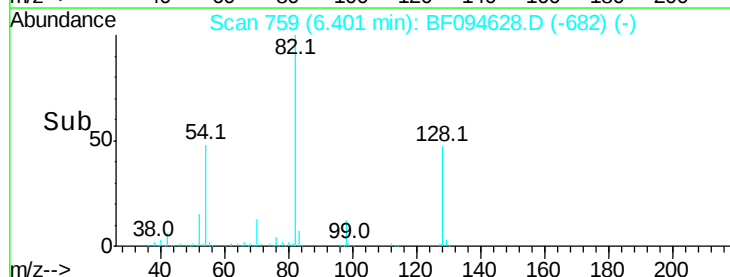


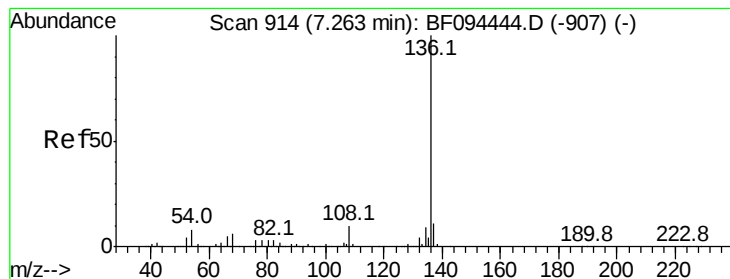
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 471198

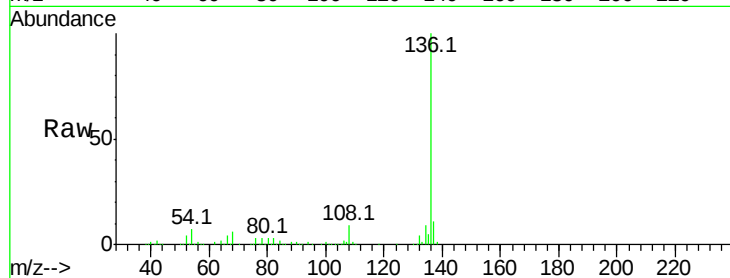
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.6 4.9 7.3

68 5.8 4.1 6.1

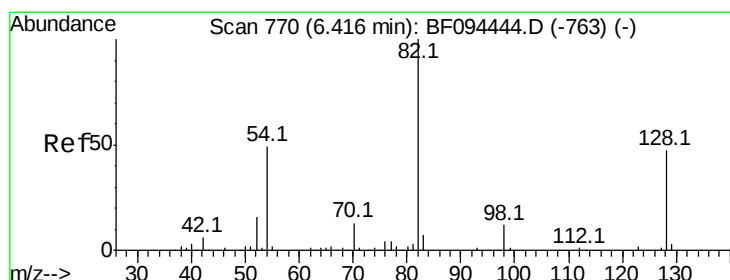
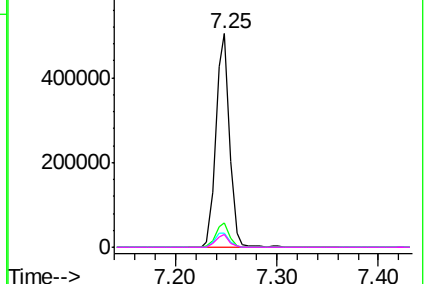
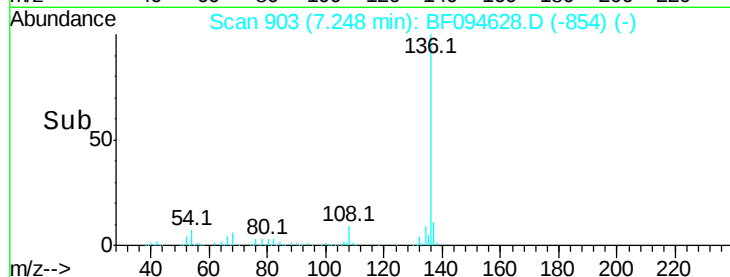


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.64 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

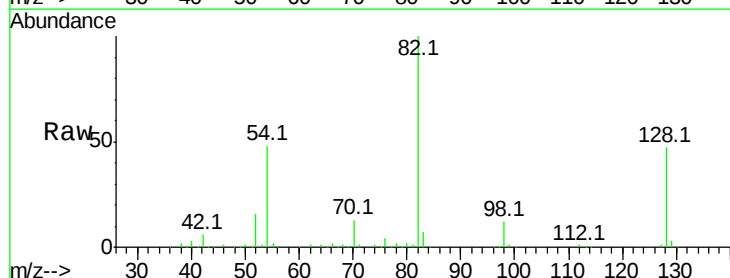
Tgt Ion: 82 Resp: 500896

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

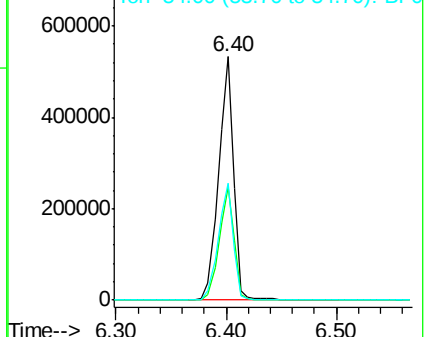
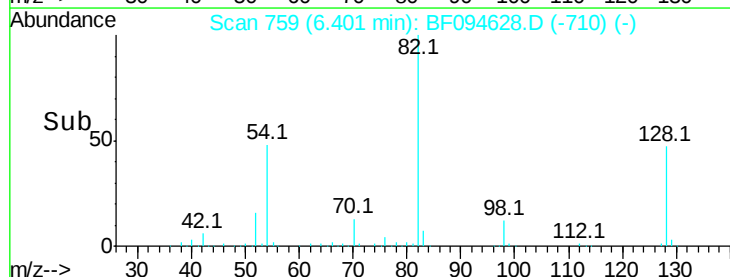
54 48.2 42.2 63.2

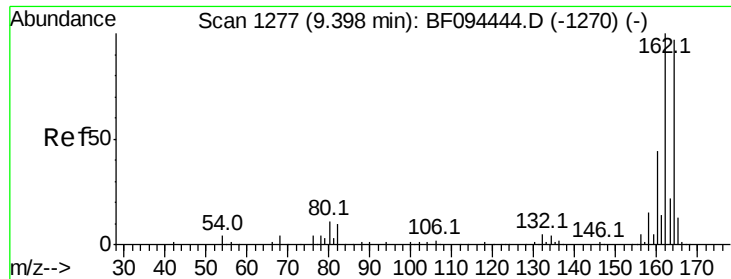


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

Instrument :

BNA_F

ClientSampleId :

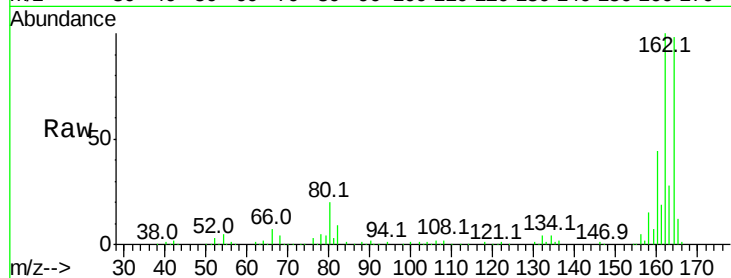
Tot Ion:164 Resp: 190969

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

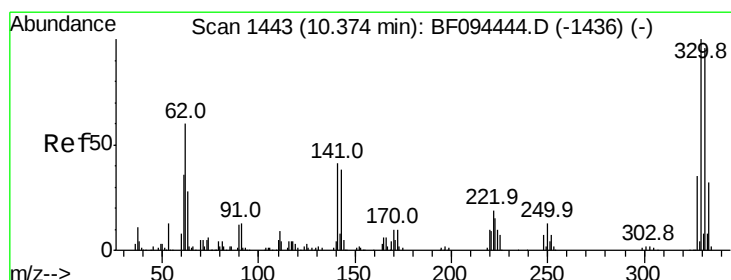
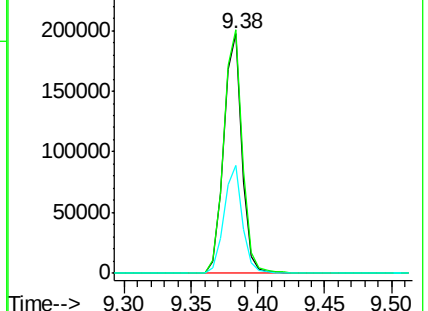
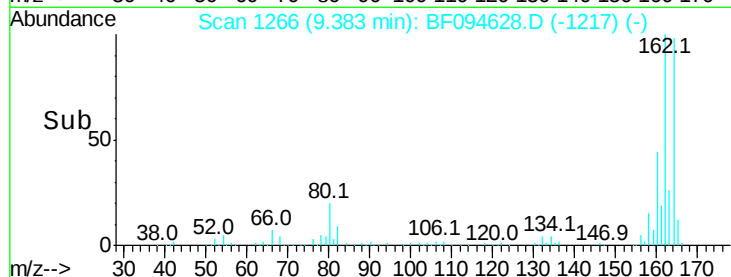
160 45.0 36.2 54.2



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: 80.21 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

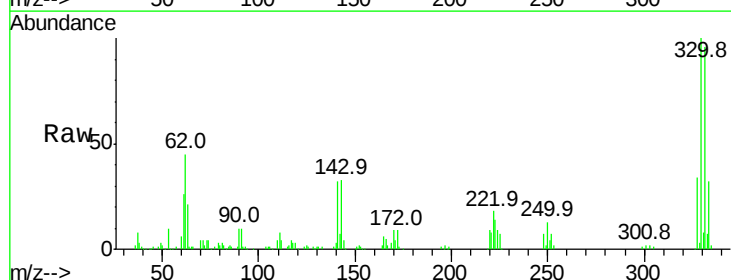
Tgt Ion:330 Resp: 119808

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

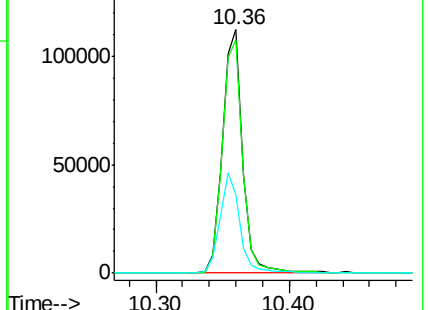
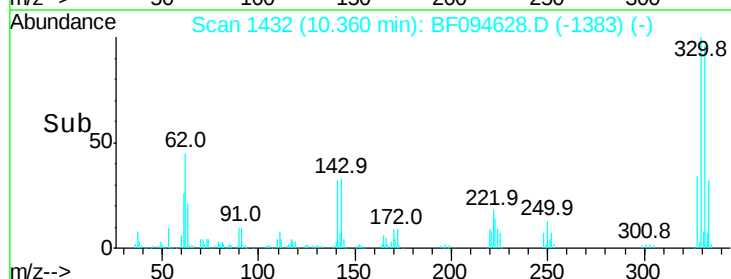
141 40.2 31.4 47.2

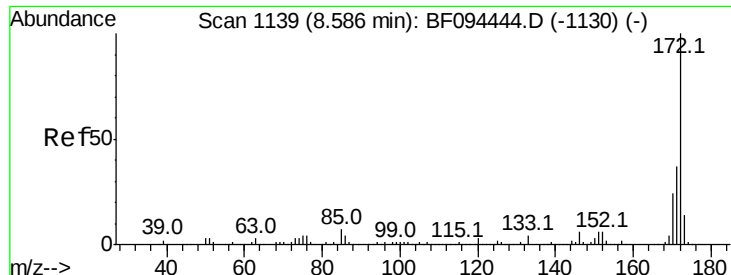


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

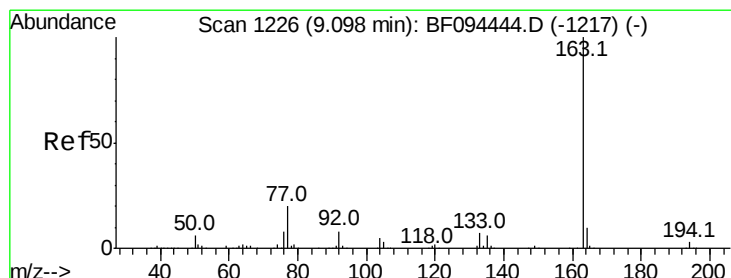
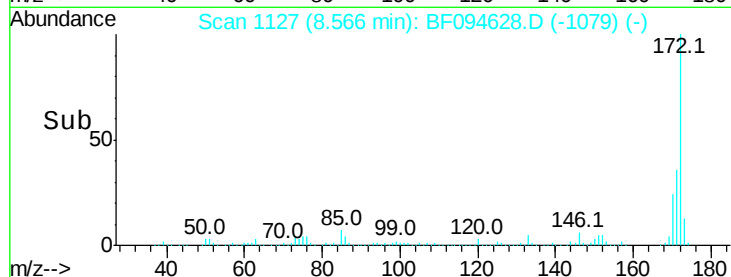
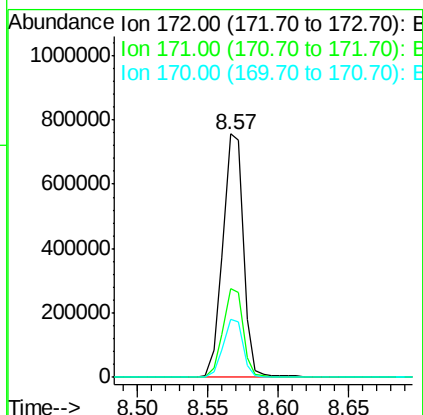
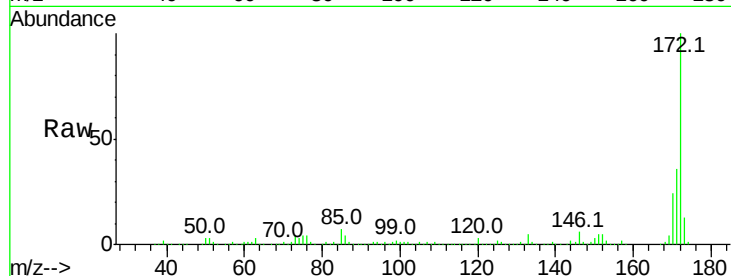




#44
2-Fluorobiphenyl
Concen: 59.75 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094628.D
Acq: 26 Apr 2017 2:52

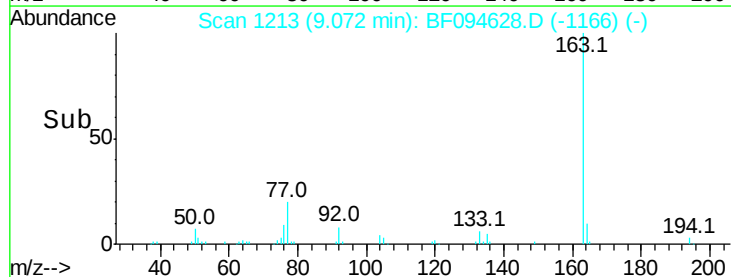
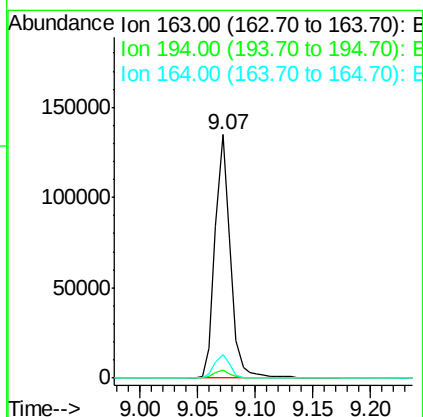
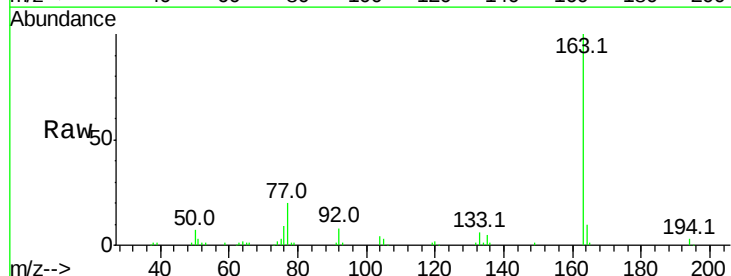
Instrument :
BNA_F
ClientSampled :

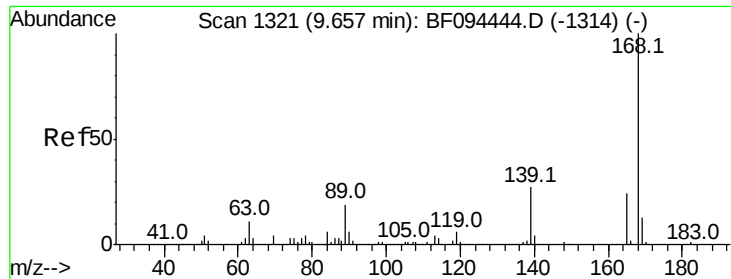
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8



#49
Dimethylphthalate
Concen: 8.76 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094628.D
Acq: 26 Apr 2017 2:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

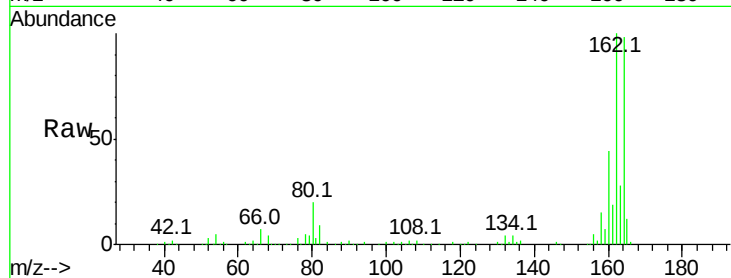




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.27 min
 Lab File: BF094628.D
 Acq: 26 Apr 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	23680
Ion Ratio	Lower	Upper	
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

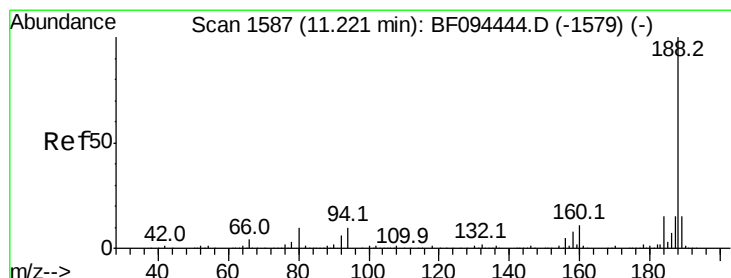
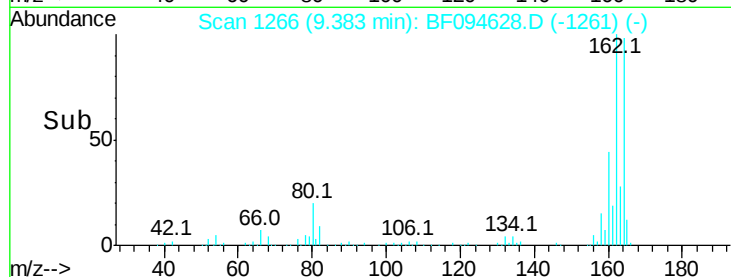
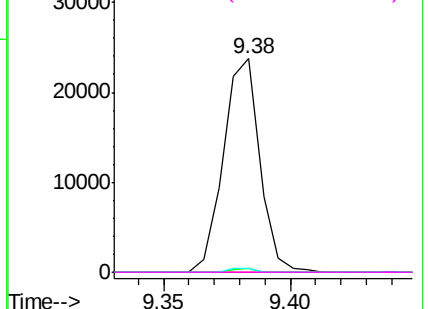


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

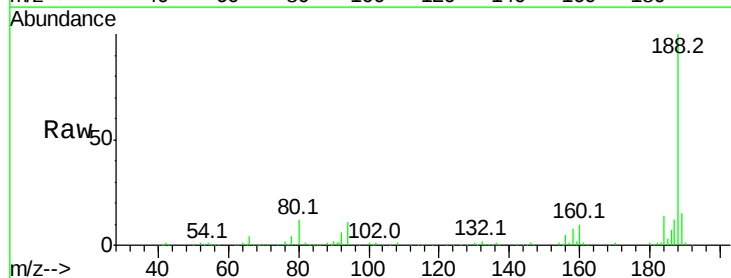
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094628.D
 Acq: 26 Apr 2017 2:52

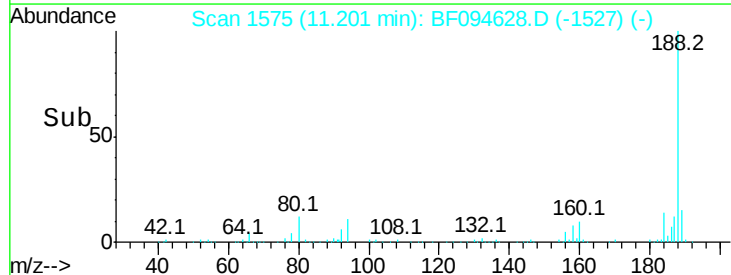
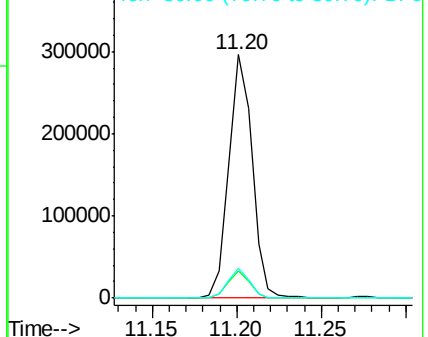
Tgt Ion:	188	Resp:	285447
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.4	14.2
80	12.2	10.2	15.2

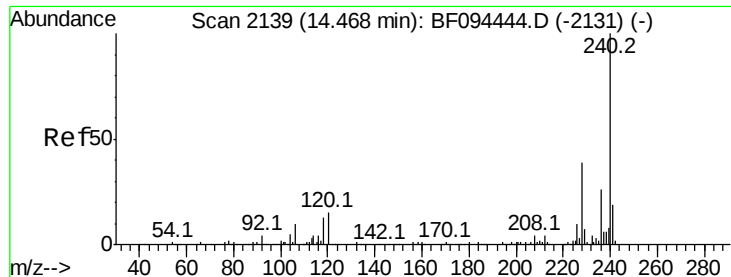


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

Instrument :

BNA_F

ClientSampleId :

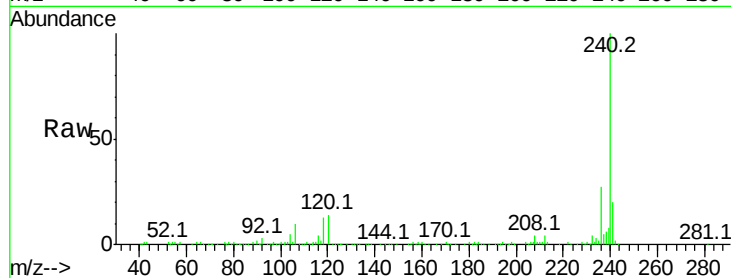
Tot Ion:240 Resp: 256447

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

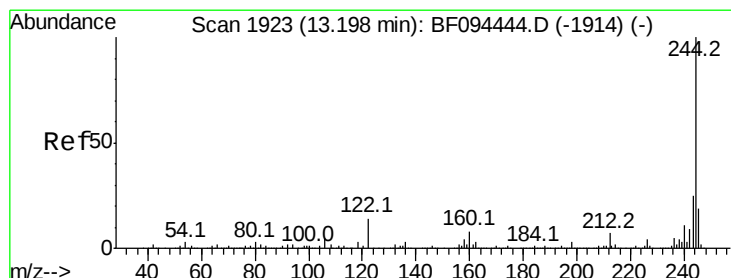
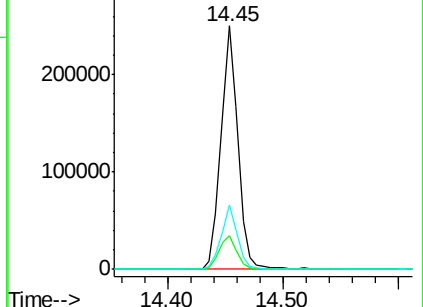
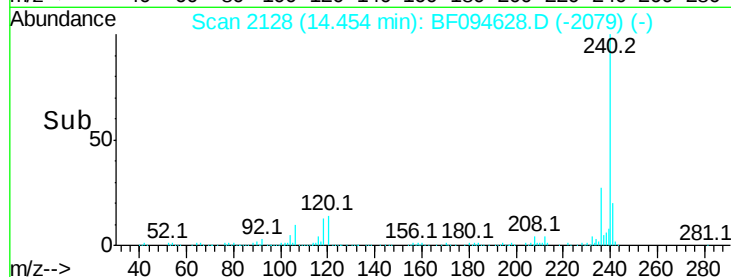
236 26.6 20.5 30.7



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: 47.39 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094628.D

Acq: 26 Apr 2017 2:52

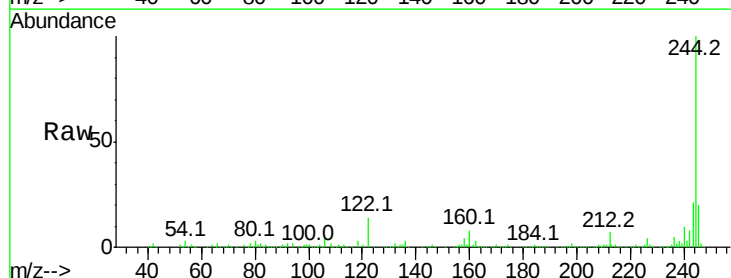
Tgt Ion:244 Resp: 454636

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

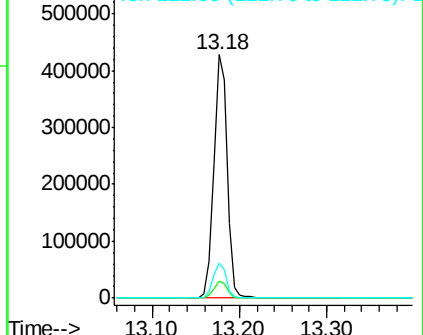
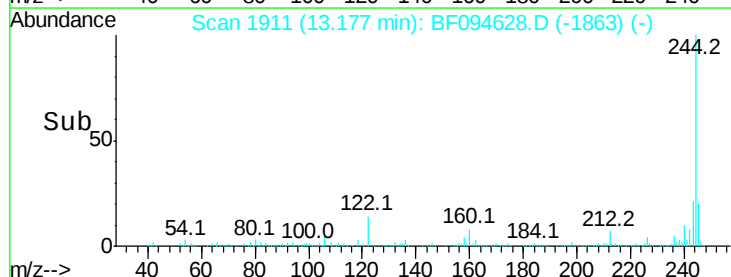
122 14.4 10.3 15.5

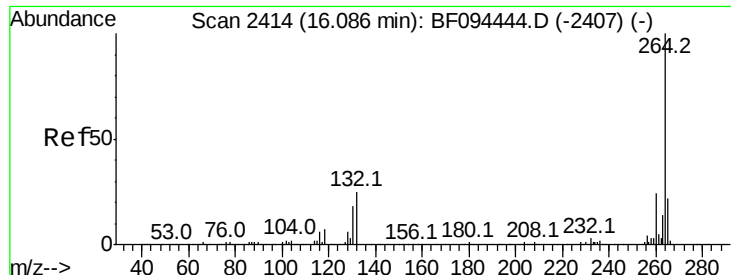


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

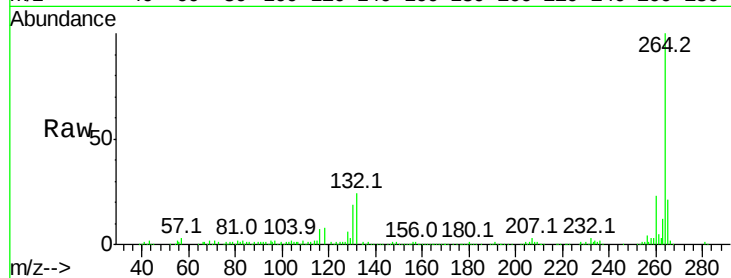




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094628.D
 Acq: 26 Apr 2017 2:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

