

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094629.D
 Acq On : 26 Apr 2017 3:19
 Operator : SJ/MA
 Sample : I2820-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 05:36:43 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

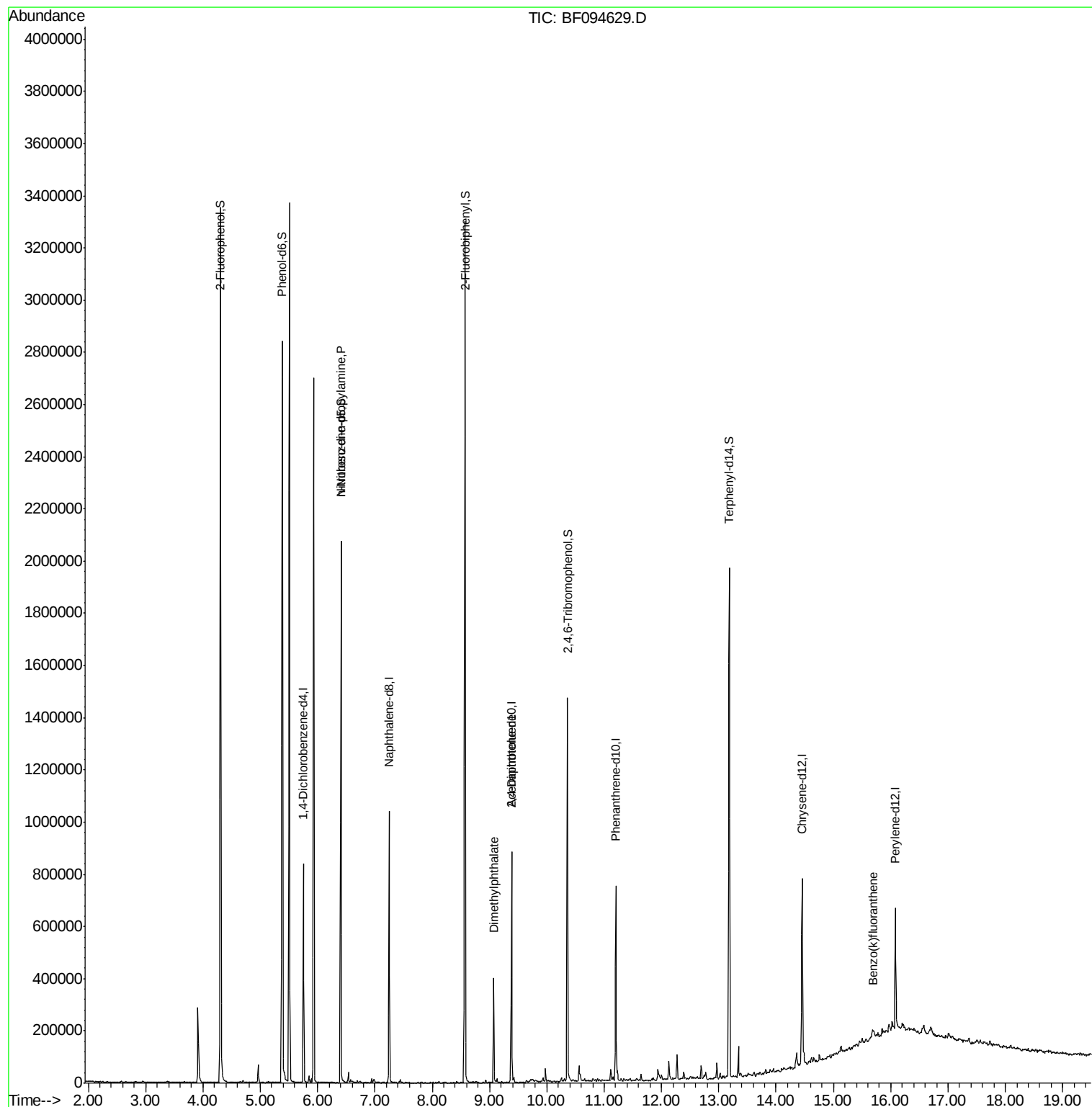
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	125949	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	492257	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	191794	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	289098	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	257476	20.00	ng	-0.01
86) Perylene-d12	16.08	264	181008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1043705	137.48	ng	0.00
7) Phenol-d6	5.38	99	1316737	147.13	ng	0.00
23) Nitrobenzene-d5	6.41	82	731599	91.77	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	185498	123.65	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1143255	87.70	ng	-0.01
78) Terphenyl-d14	13.18	244	663903	68.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	95111	16.04	ng	# 77
49) Dimethylphthalate	9.07	163	173500	12.14	ng	98
56) 2,4-Dinitrotoluene	9.38	165	24611	6.25	ng	# 32
88) Benzo(k)fluoranthene	15.68	252	21626	2.06	ng	# 78

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

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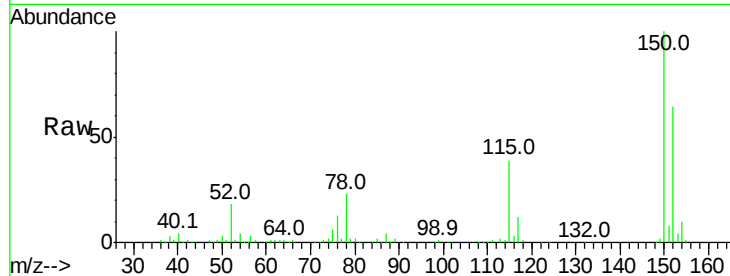


#1

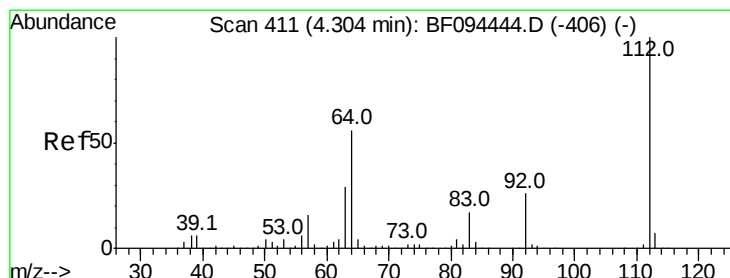
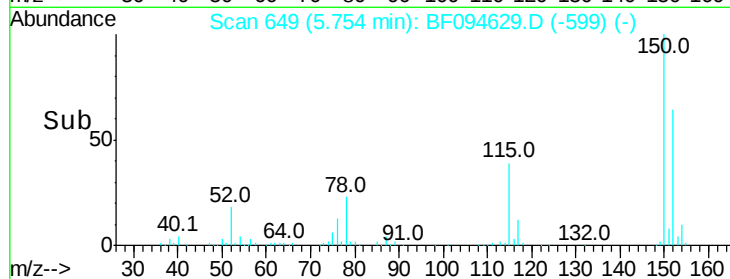
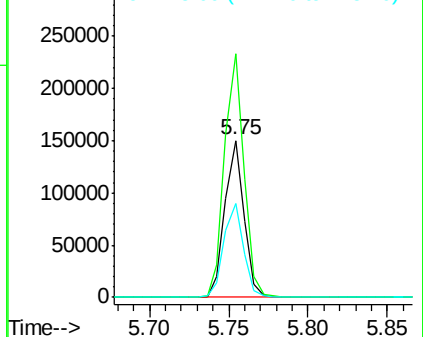
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094629.D
Acq: 26 Apr 2017 3:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125949
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 59.9 52.2 78.2



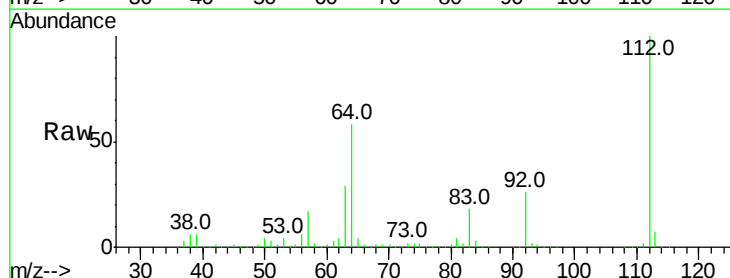
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



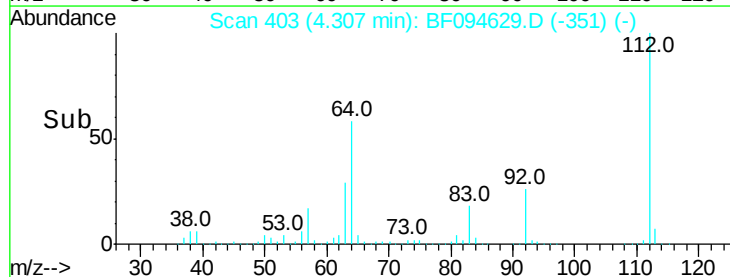
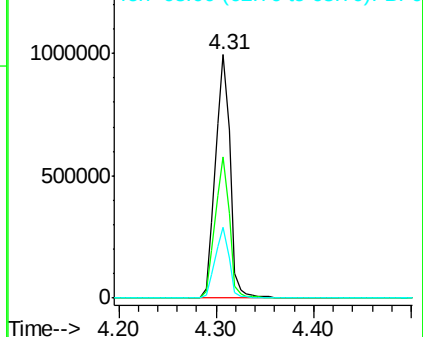
#5

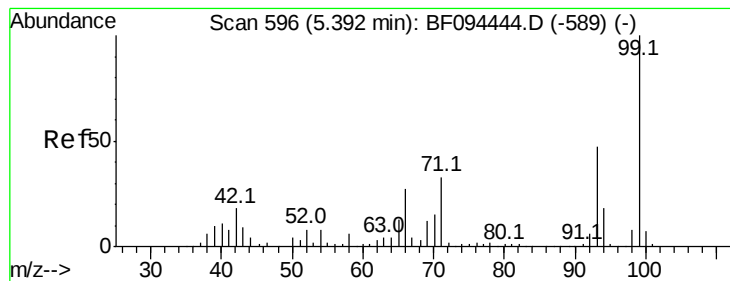
2-Fluorophenol
Concen: 137.48 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094629.D
Acq: 26 Apr 2017 3:19

Tgt Ion:112 Resp: 1043705
Ion Ratio Lower Upper
112 100
64 58.1 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: 147.13 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094629.D

Acq: 26 Apr 2017 3:19

Instrument :

BNA_F

ClientSampled :

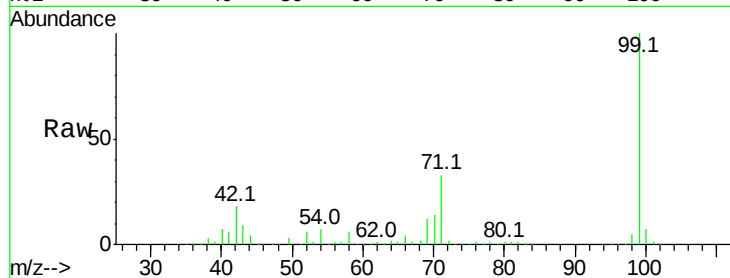
Tot Ion: 99 Resp: 1316737

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

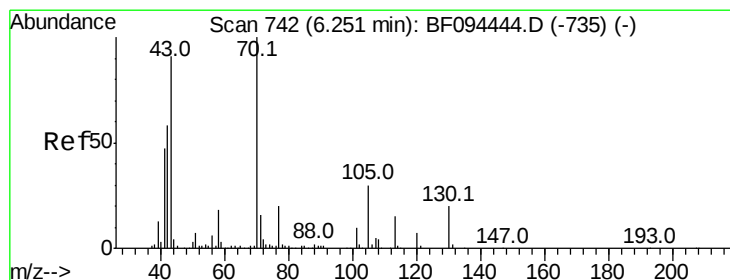
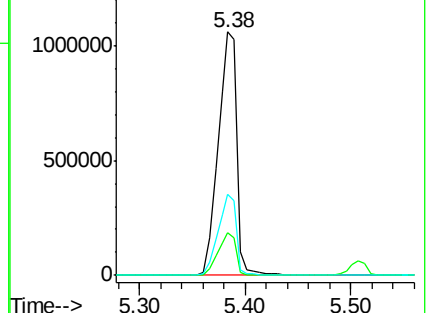
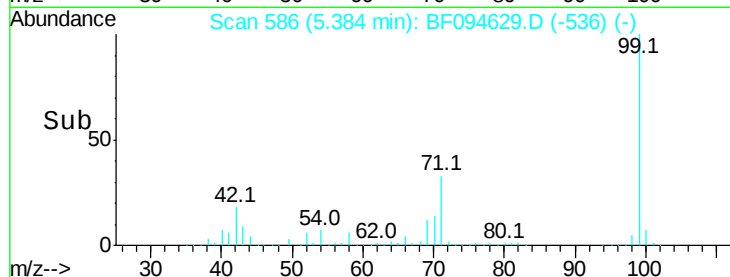
71 33.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.04 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094629.D

Acq: 26 Apr 2017 3:19

Tgt Ion: 70 Resp: 95111

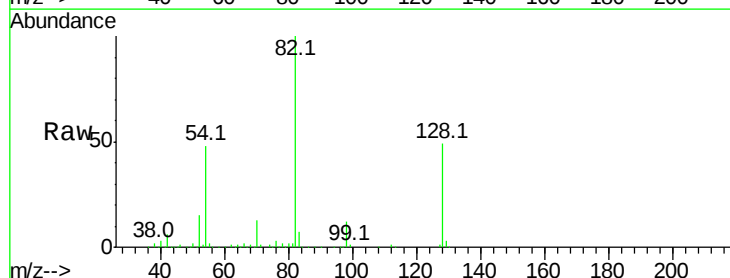
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

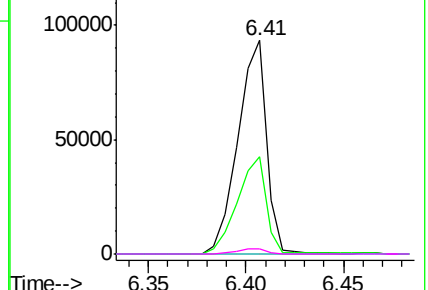
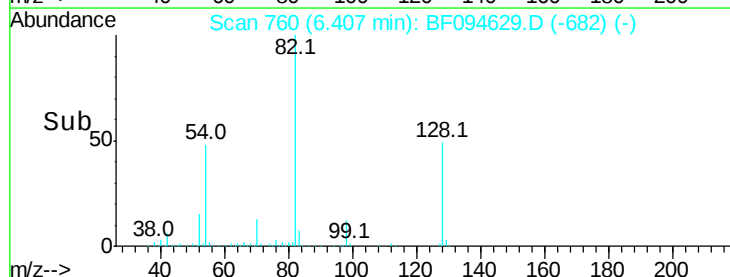


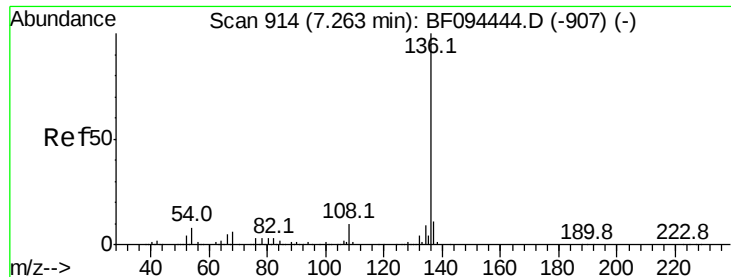
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094629.D

Acq: 26 Apr 2017 3:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 492257

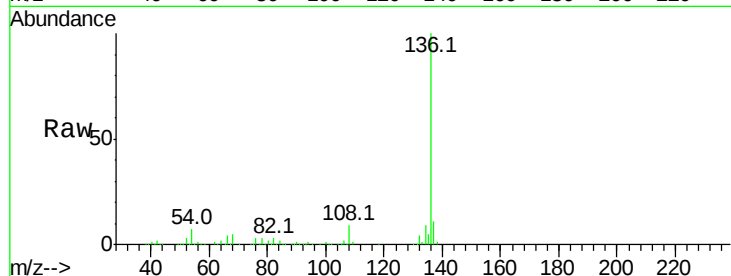
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

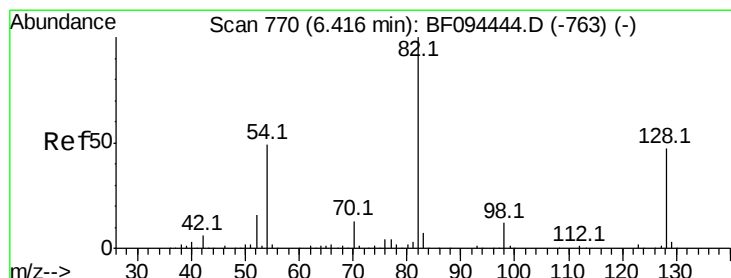
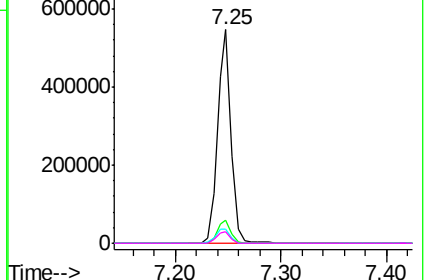
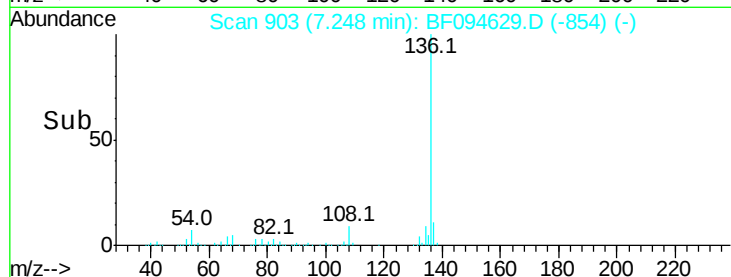


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.77 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094629.D

Acq: 26 Apr 2017 3:19

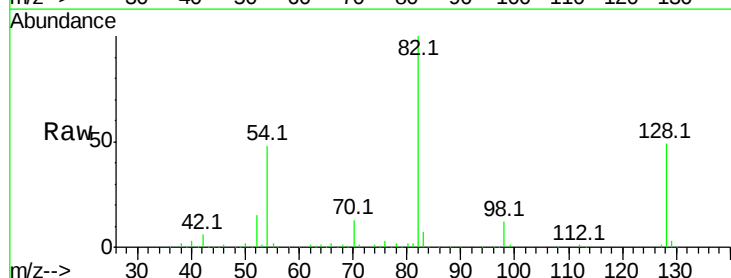
Tgt Ion: 82 Resp: 731599

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

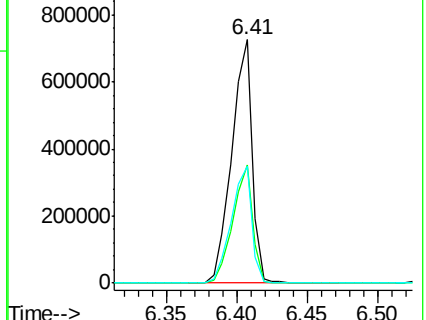
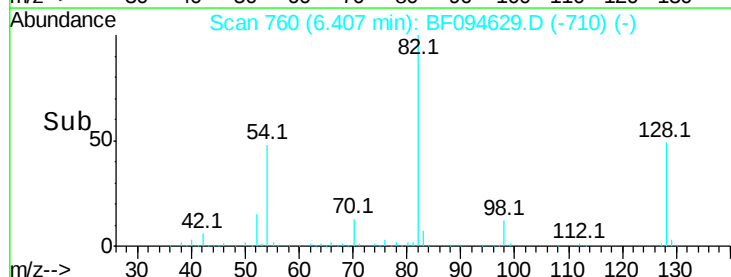
54 48.3 42.2 63.2

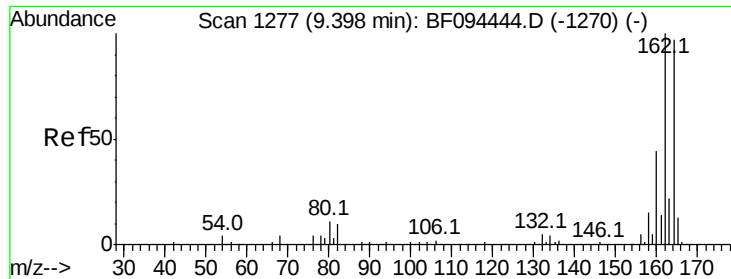


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094629.D

Acq: 26 Apr 2017 3:19

Instrument :

BNA_F

ClientSampleId :

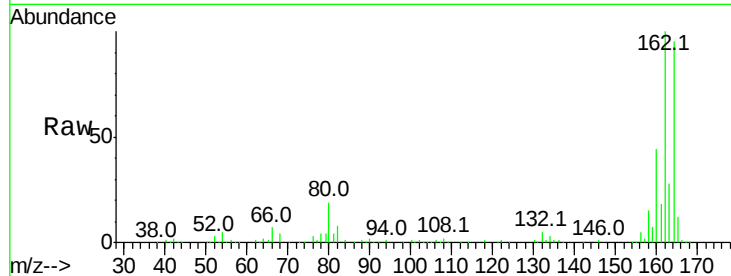
Tot Ion:164 Resp: 191794

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

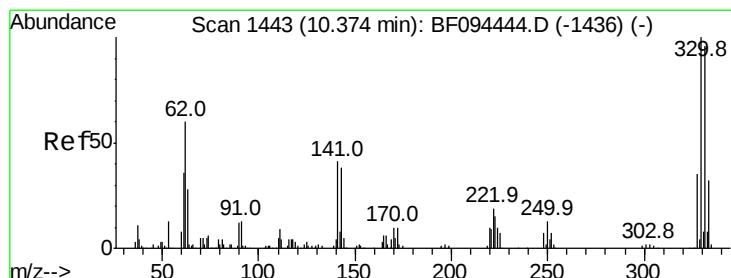
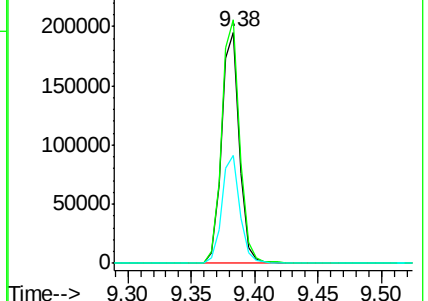
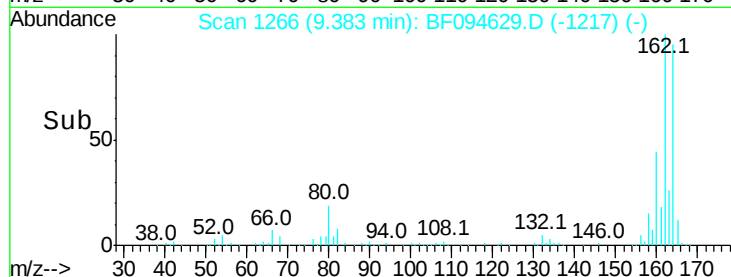
160 46.9 36.2 54.2



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: 123.65 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094629.D

Acq: 26 Apr 2017 3:19

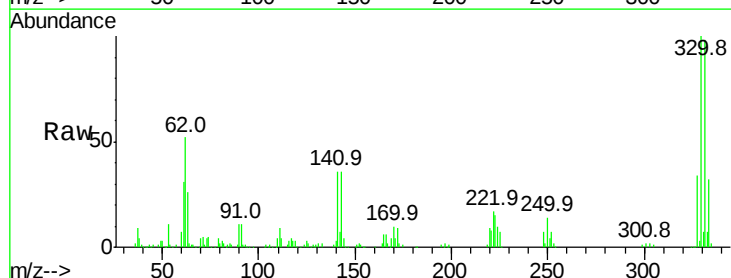
Tgt Ion:330 Resp: 185498

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

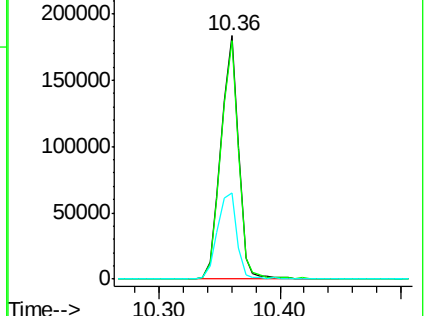
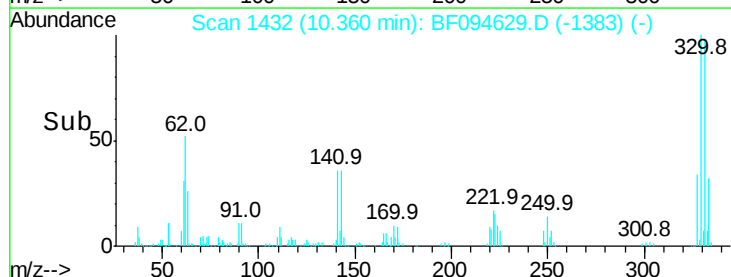
141 39.1 31.4 47.2

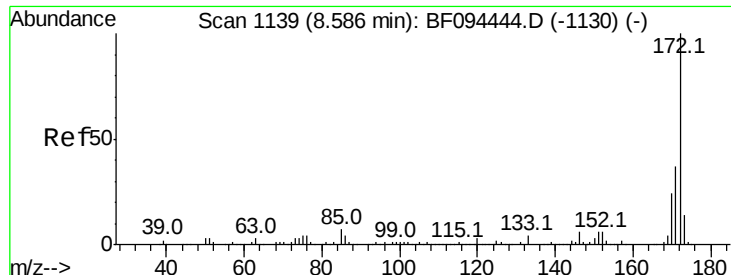


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



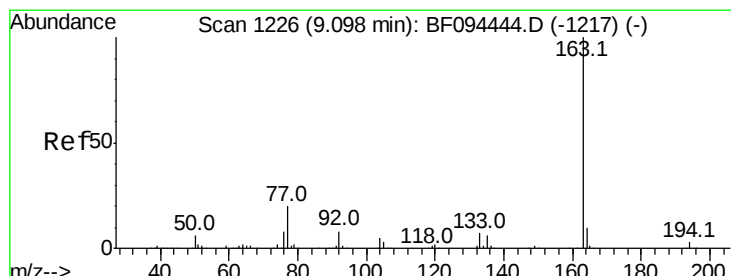
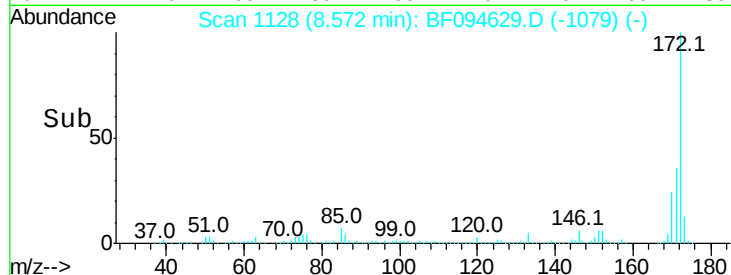
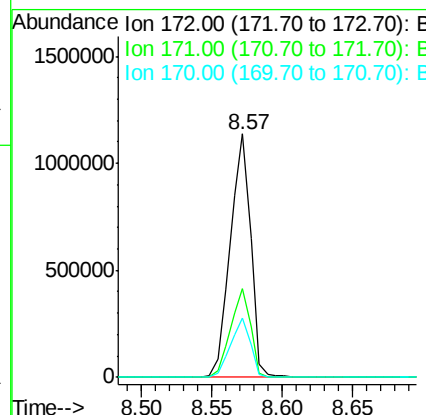
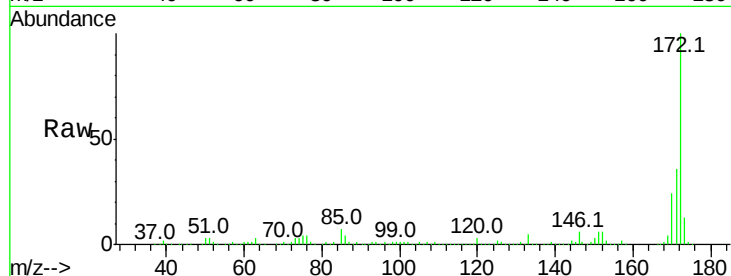


#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094629.D
 Acq: 26 Apr 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1143255

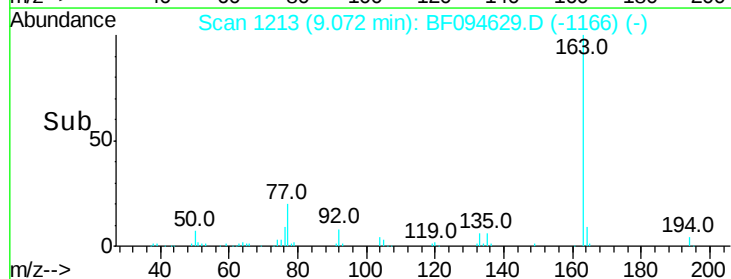
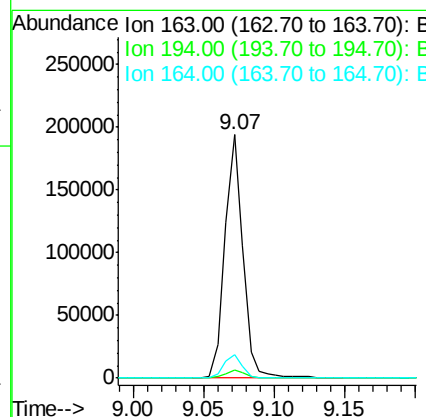
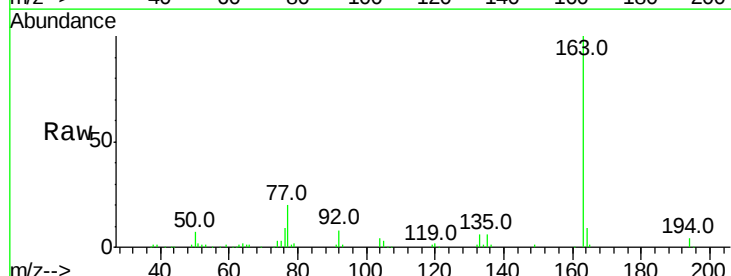
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.8	29.8



#49
 Dimethylphthalate
 Concen: 12.14 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. -0.03 min
 Lab File: BF094629.D
 Acq: 26 Apr 2017 3:19

Tgt Ion:163 Resp: 173500

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6

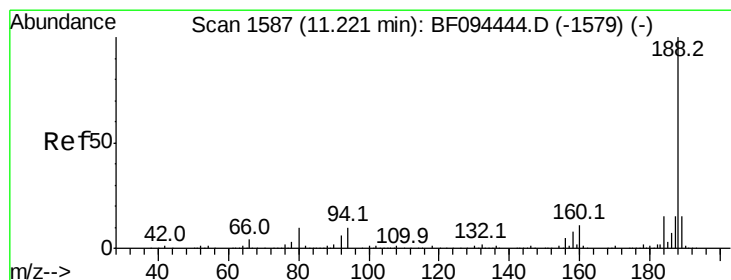
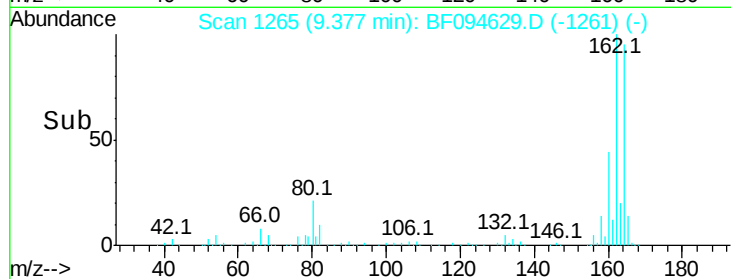
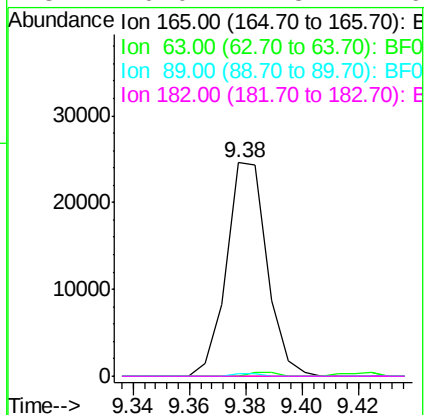
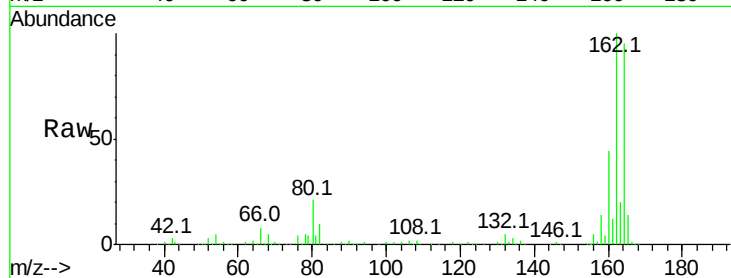




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094629.D
 Acq: 26 Apr 2017 3:19

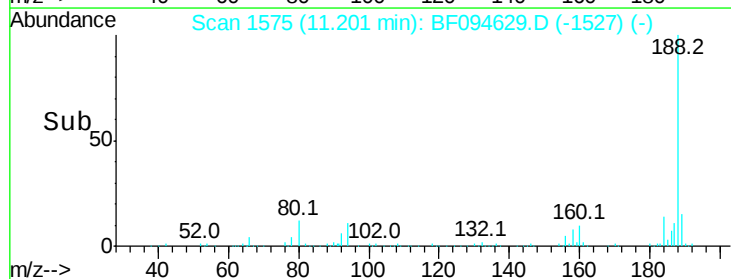
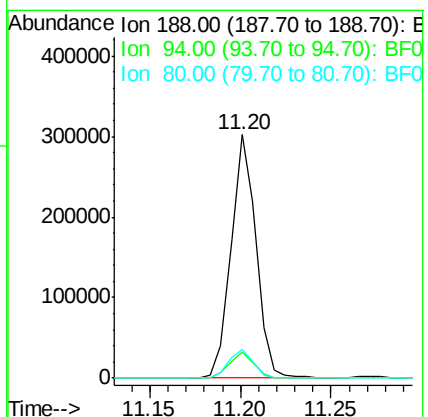
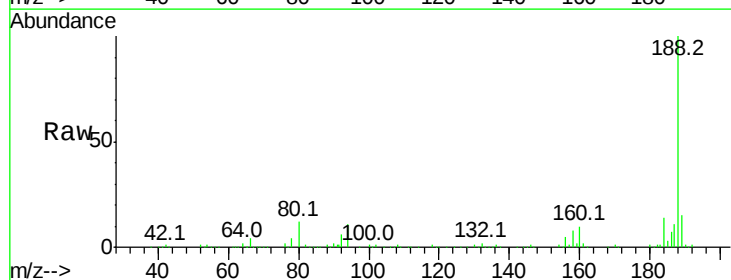
Instrument :
 BNA_F
 ClientSampleId :

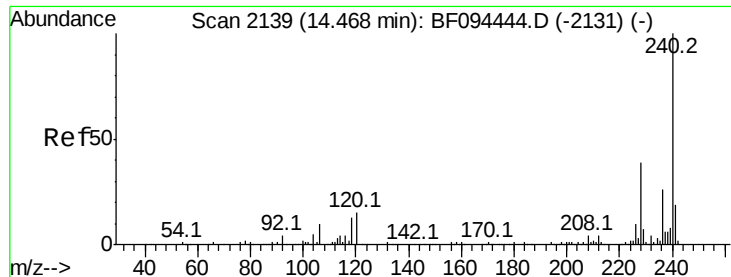
Tot Ion:	165	Resp:	24611
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094629.D
 Acq: 26 Apr 2017 3:19

Tgt Ion:	188	Resp:	289098
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.6	10.2	15.2

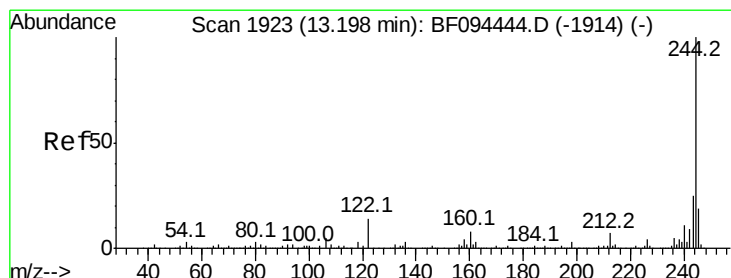
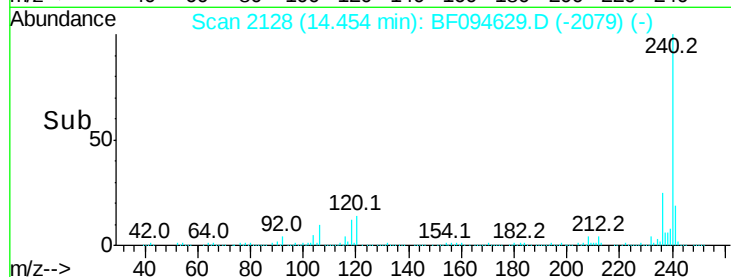
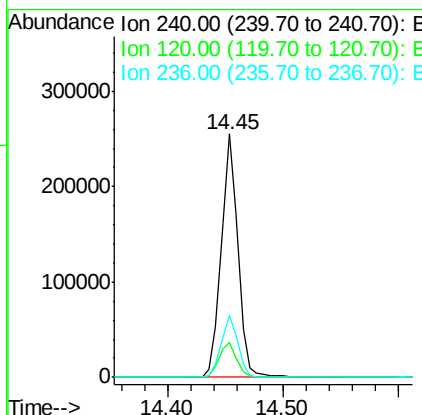
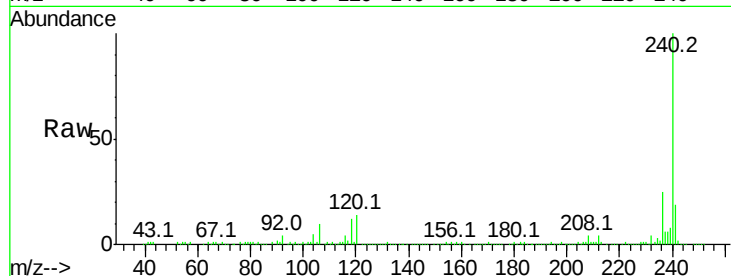




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094629.D
 Acq: 26 Apr 2017 3:19

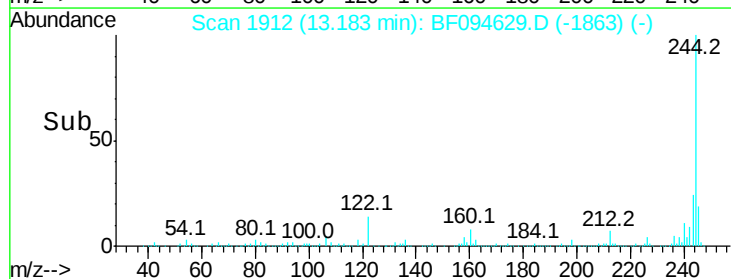
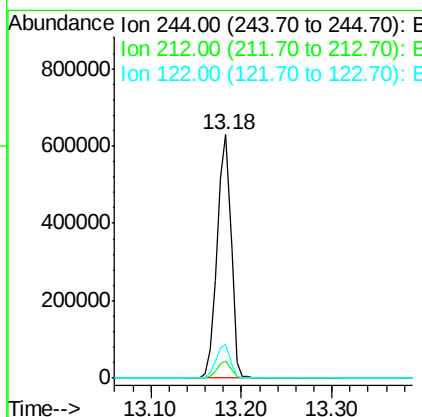
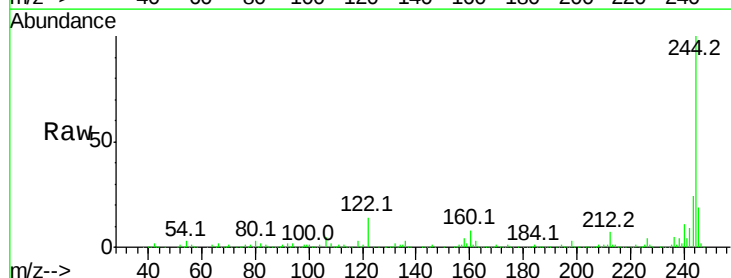
Instrument :
 BNA_F
 ClientSampleId :

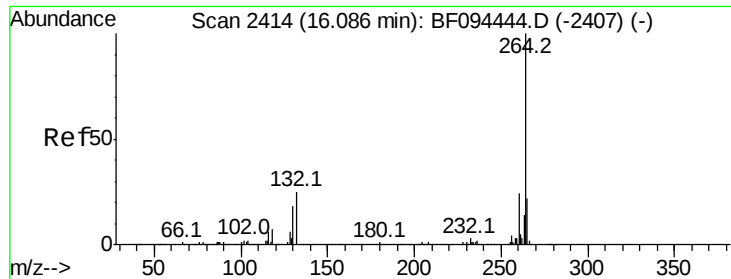
Tot Ion:240 Resp: 257476
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 68.92 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094629.D
 Acq: 26 Apr 2017 3:19

Tgt Ion:244 Resp: 663903
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.0 10.3 15.5

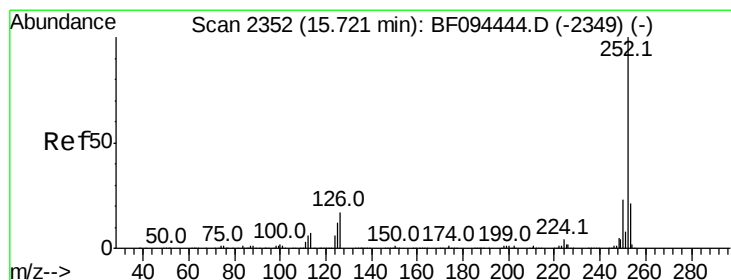
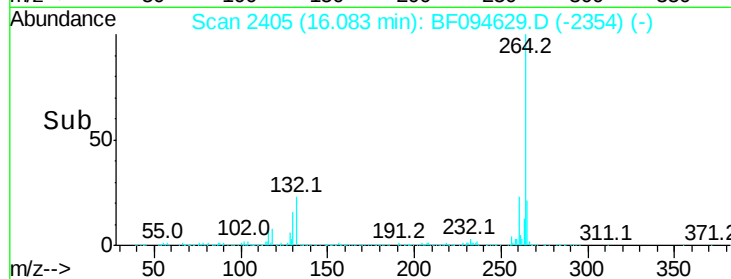
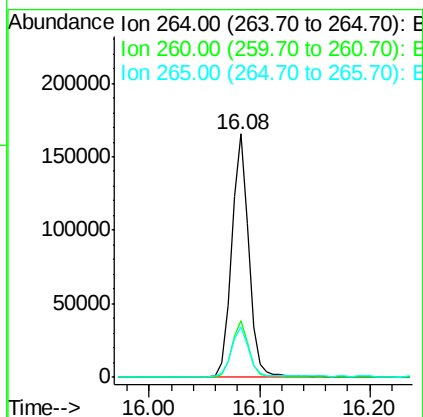
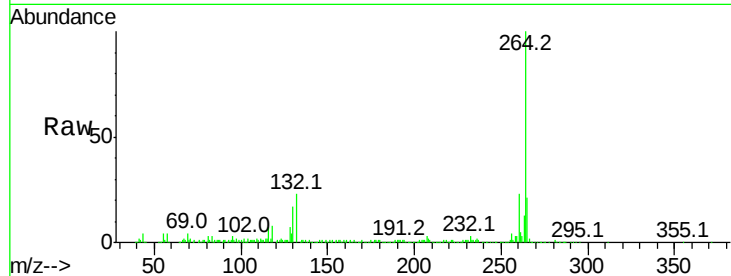




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094629.D
Acq: 26 Apr 2017 3:19

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



#88
Benzo(k)fluoranthene
Concen: 2.06 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094629.D
Acq: 26 Apr 2017 3:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.4	27.6
125	33.8	13.1	19.7#

