

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094727.D
 Acq On : 30 Apr 2017 20:58
 Operator : SJ/MA
 Sample : I2895-03RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:22:48 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

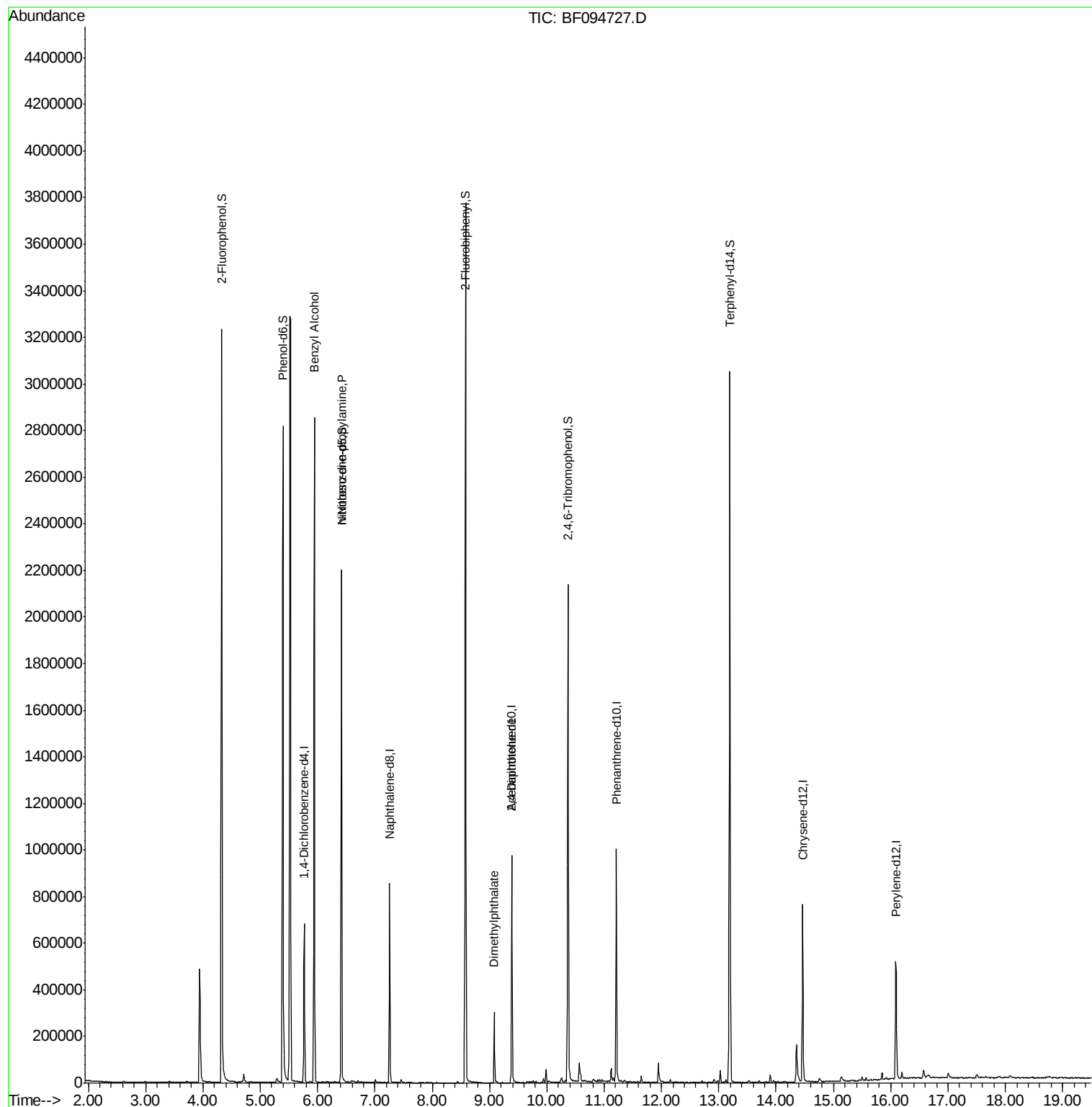
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	107203	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	429446	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	213517	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	400896	20.00	ng	0.00
75) Chrysene-d12	14.47	240	319245	20.00	ng	0.00
86) Perylene-d12	16.09	264	212194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1058629	163.83	ng	0.02
7) Phenol-d6	5.40	99	1333152	175.01	ng	0.00
23) Nitrobenzene-d5	6.42	82	798490	114.81	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	287539	172.17	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1416407	97.60	ng	0.00
78) Terphenyl-d14	13.19	244	1282832	107.41	ng	0.00
Target Compounds						
15) Benzyl Alcohol	5.94	79	12712	2.25	ng	# 48
19) n-Nitroso-di-n-propylamine	6.42	70	106642	21.13	ng	# 76
49) Dimethylphthalate	9.08	163	138726	8.72	ng	98
56) 2,4-Dinitrotoluene	9.39	165	27609	6.30	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: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

Instrument :

BNA_F

ClientSampleId :

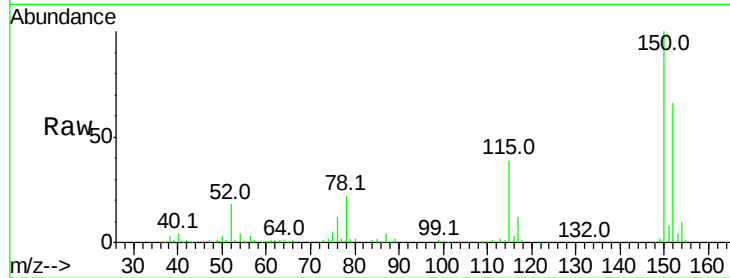
Tot Ion:152 Resp: 107203

Ion Ratio Lower Upper

152 100

150 152.2 126.2 189.2

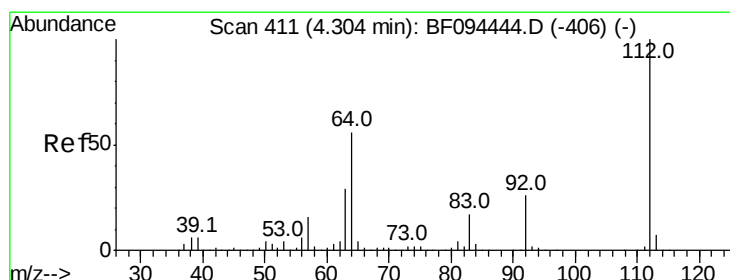
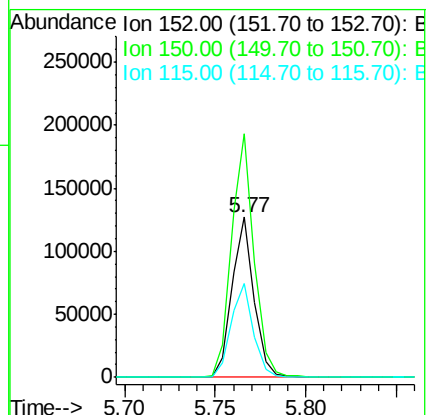
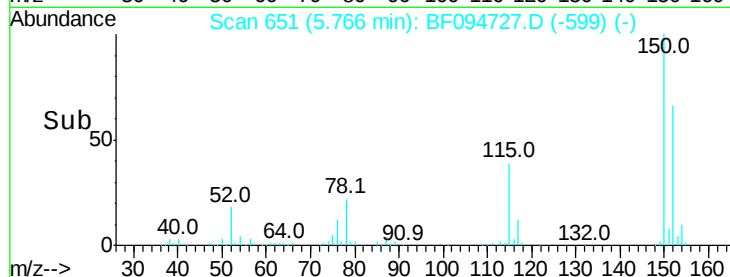
115 58.7 52.2 78.2



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: 163.83 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

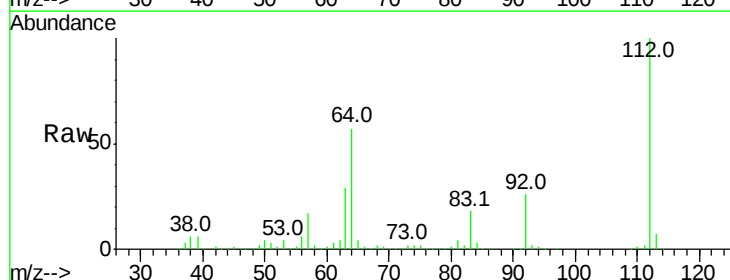
Tgt Ion:112 Resp: 1058629

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

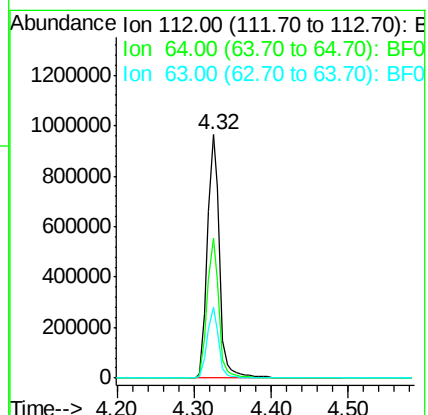
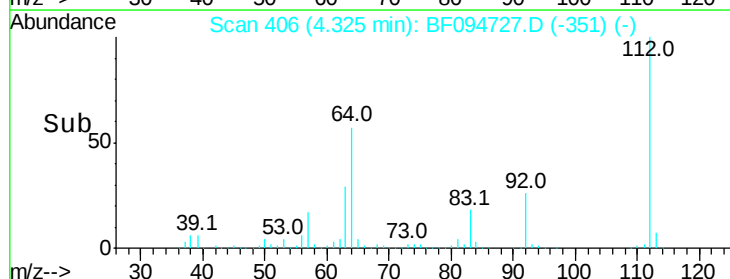
63 28.9 23.4 35.0

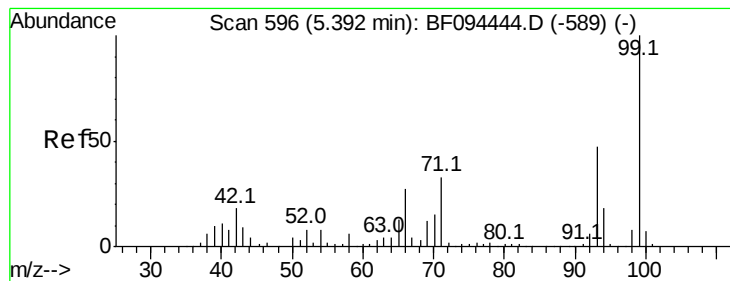


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 175.01 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

Instrument :

BNA_F

ClientSampled :

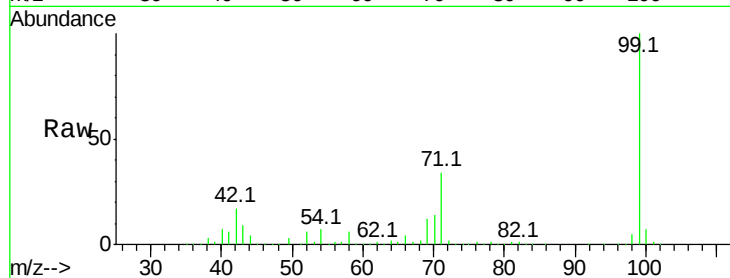
Tot Ion: 99 Resp: 1333152

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

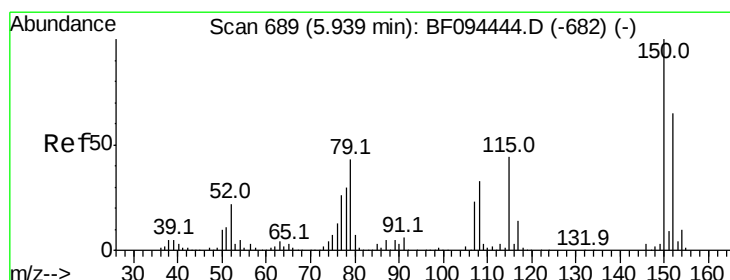
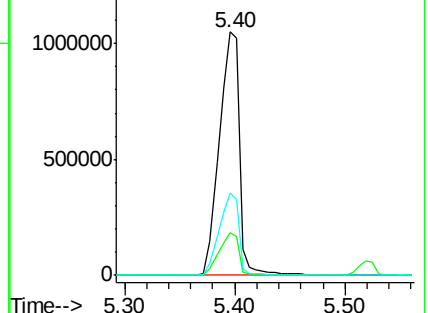
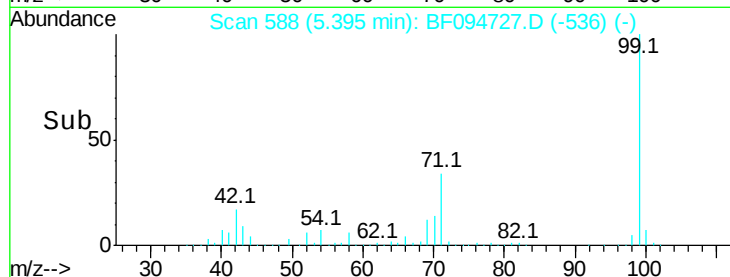
71 34.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 5.94 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

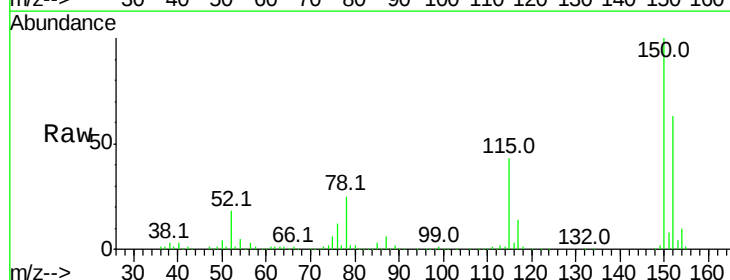
Tgt Ion: 79 Resp: 12712

Ion Ratio Lower Upper

79 100

108 29.2 63.4 95.0#

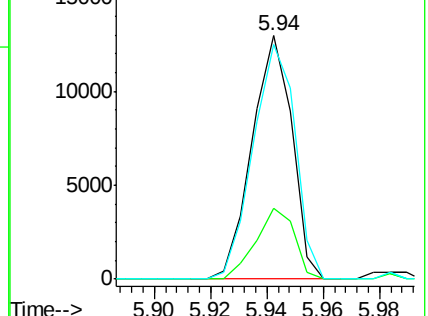
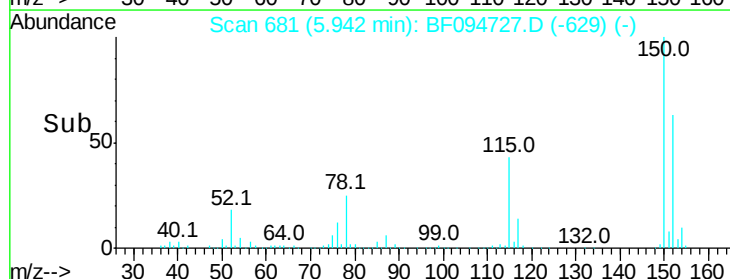
77 96.5 49.2 73.8#

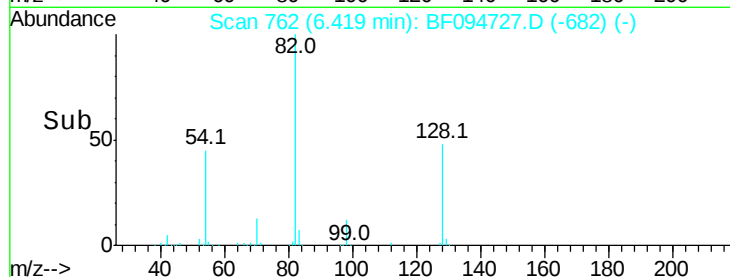
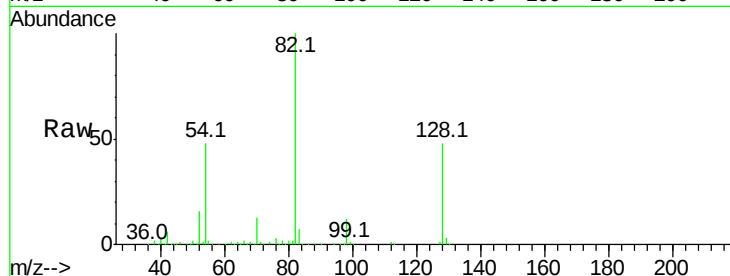
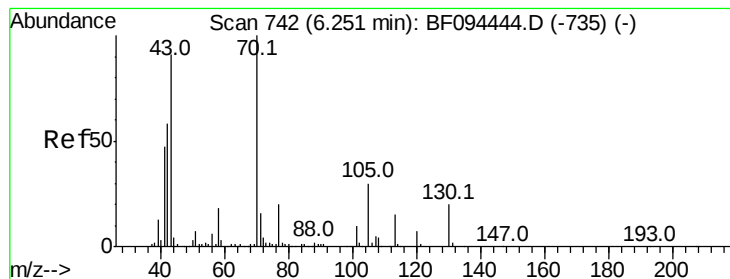


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 21.13 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 106642

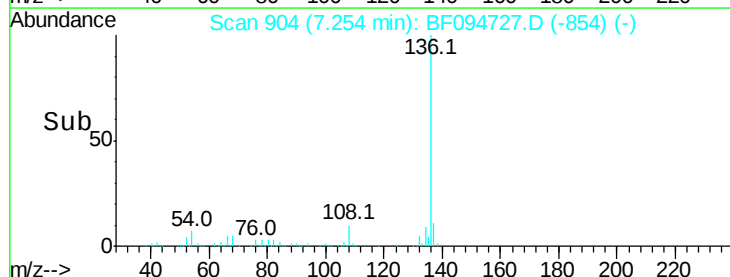
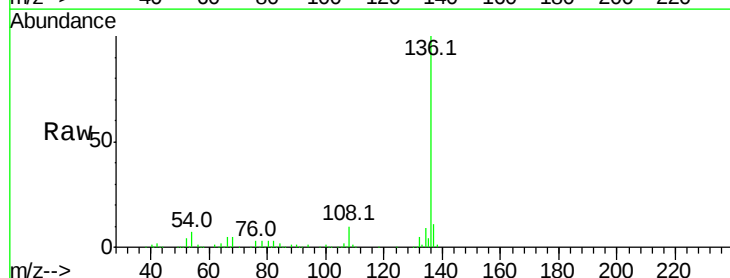
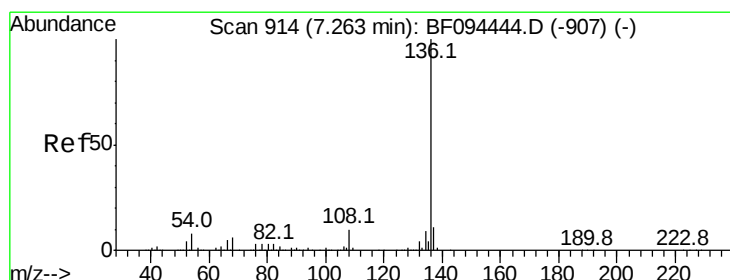
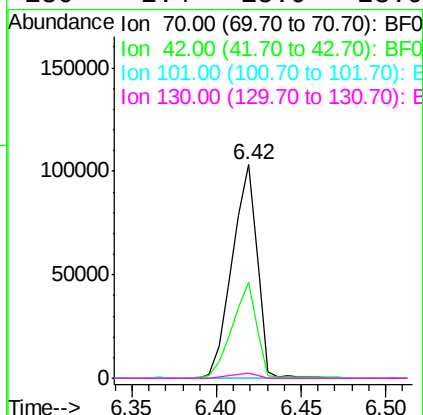
Ion Ratio Lower Upper

70 100

42 45.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

Tgt Ion:136 Resp: 429446

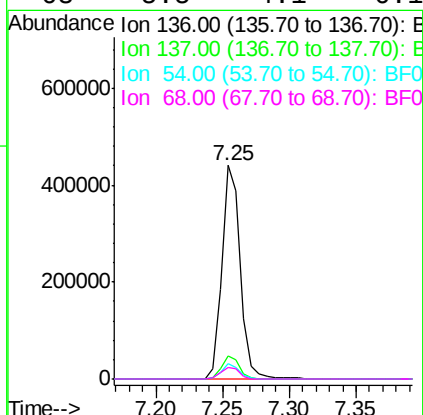
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

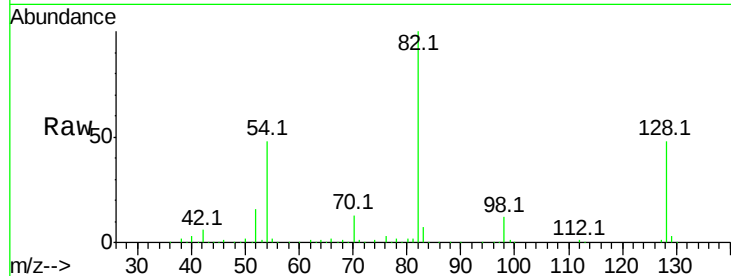




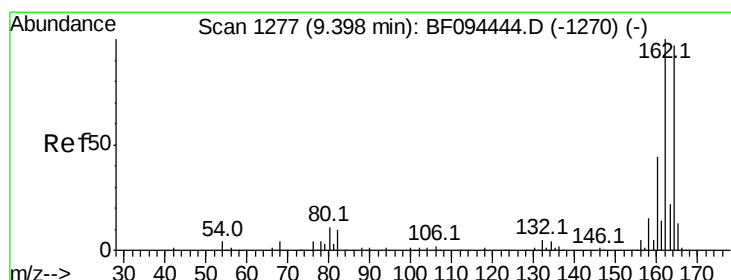
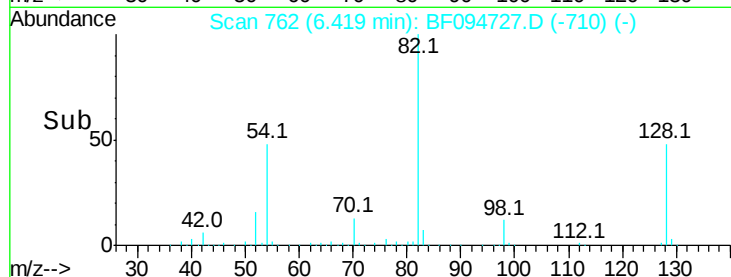
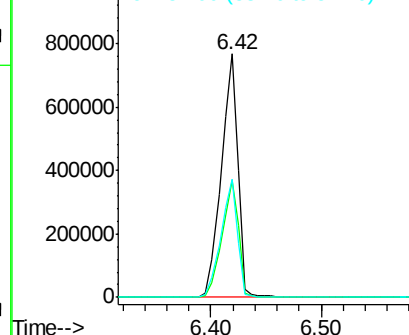
#23
 Nitrobenzene-d5
 Concen: 114.81 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094727.D
 Acq: 30 Apr 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 798490
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 48.4 42.2 63.2

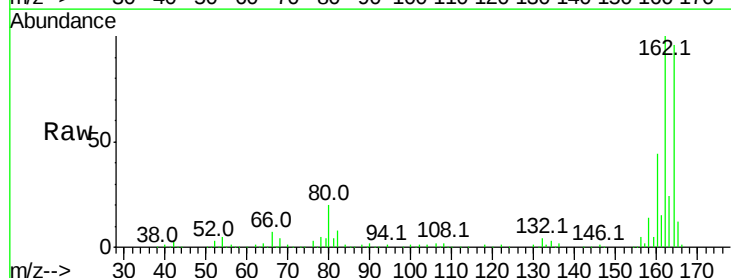


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

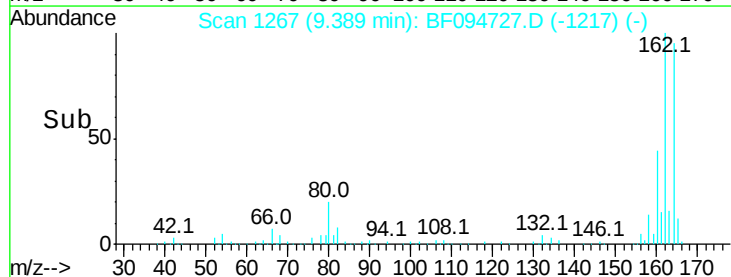
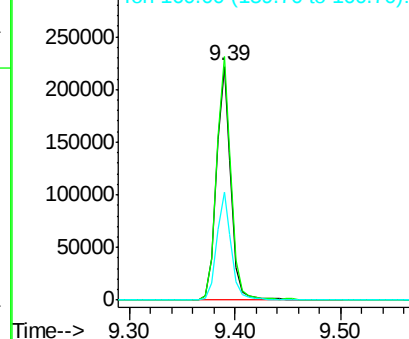


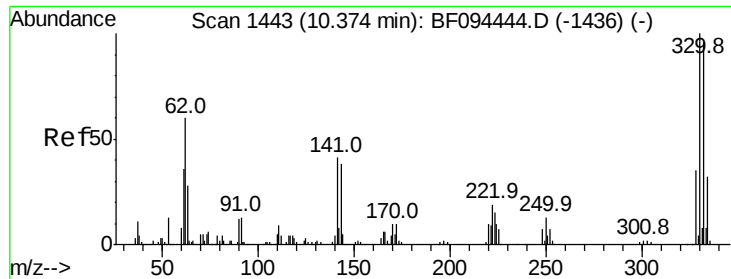
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094727.D
 Acq: 30 Apr 2017 20:58

Tgt Ion:164 Resp: 213517
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 46.2 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

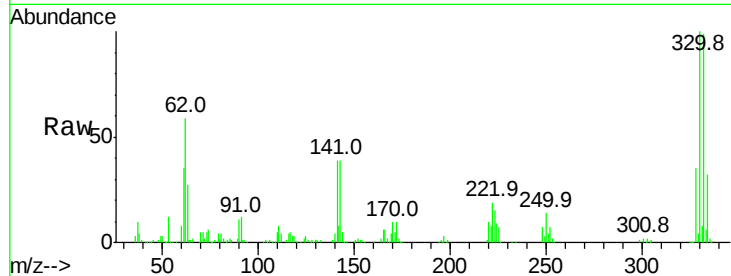




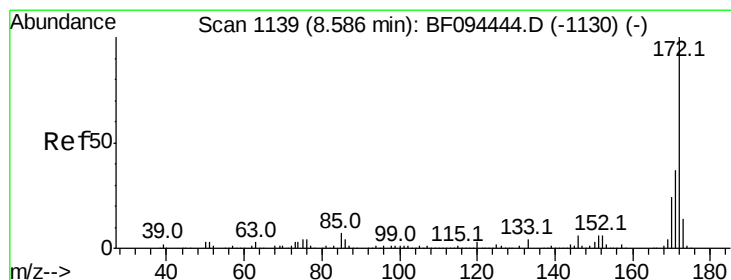
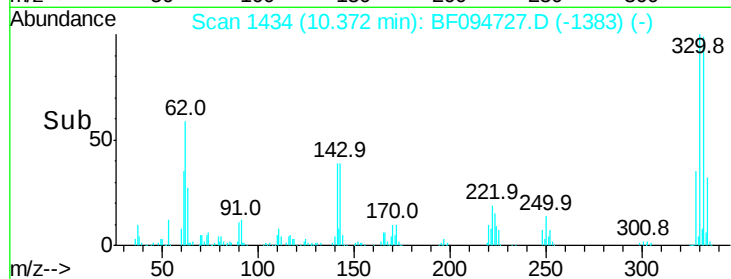
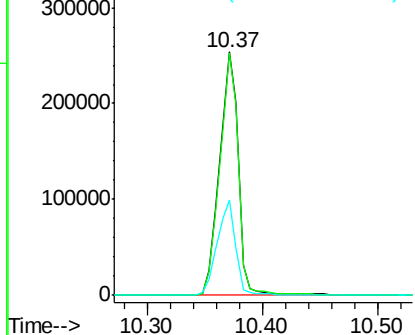
#41
 2,4,6-Tribromophenol
 Concen: 172.17 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094727.D
 Acq: 30 Apr 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 287539
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 115.0
 141 38.6 31.4 47.2

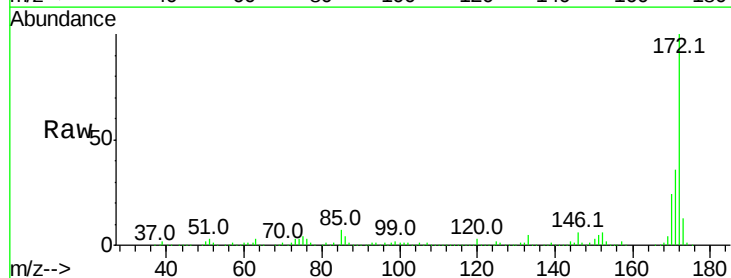


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

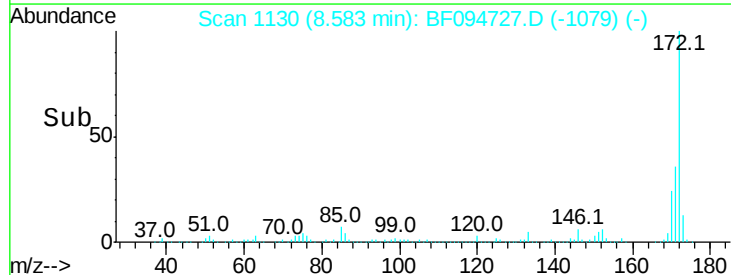
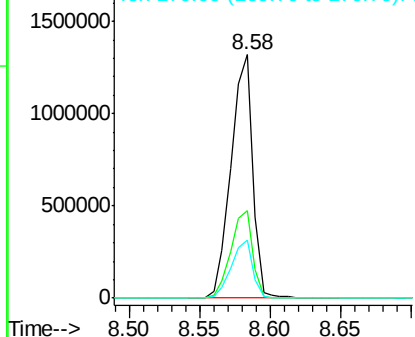


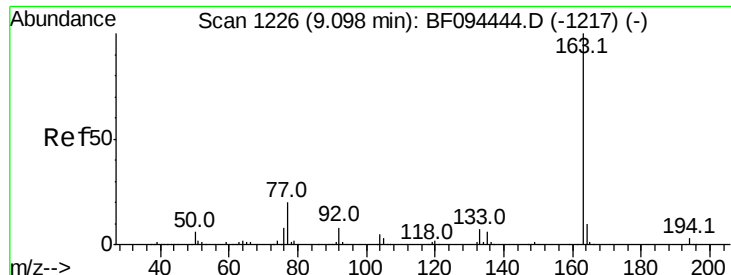
#44
 2-Fluorobiphenyl
 Concen: 97.60 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094727.D
 Acq: 30 Apr 2017 20:58

Tgt Ion:172 Resp: 1416407
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 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

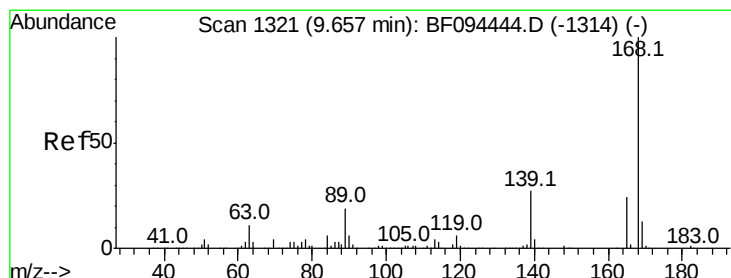
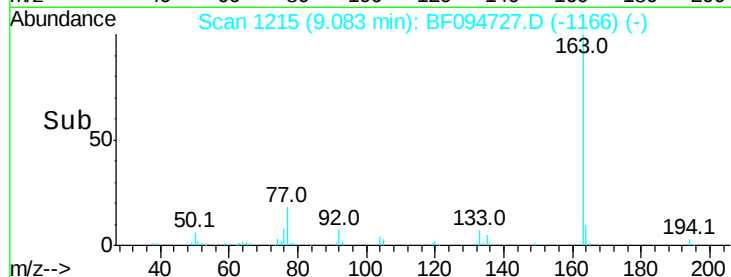
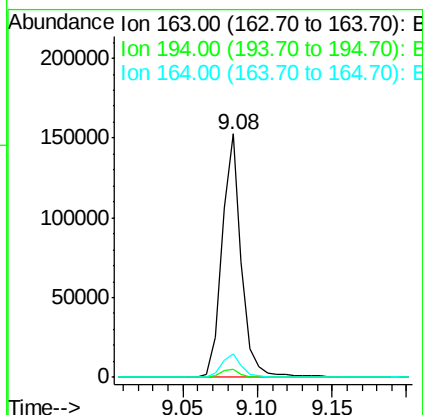
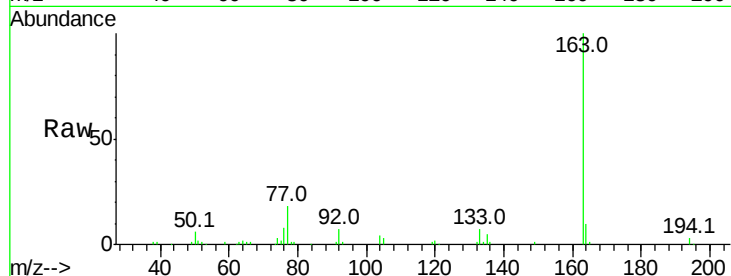




#49
Dimethylphthalate
Concen: 8.72 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094727.D
Acq: 30 Apr 2017 20:58

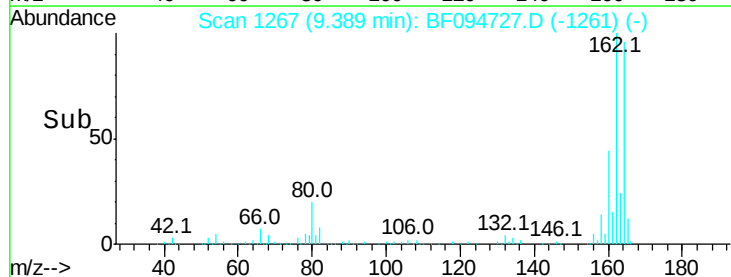
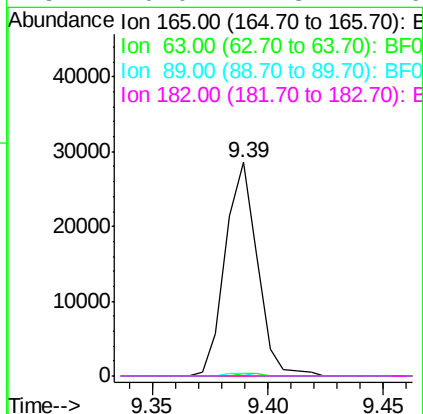
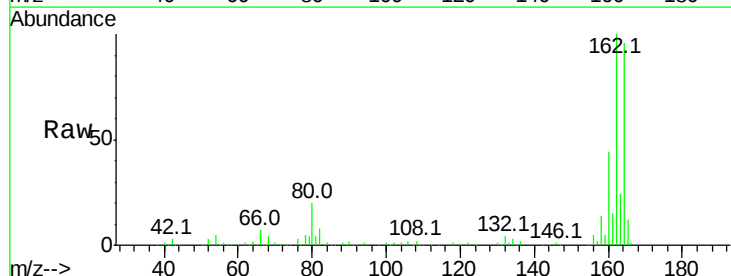
Instrument :
BNA_F
ClientSampleId :

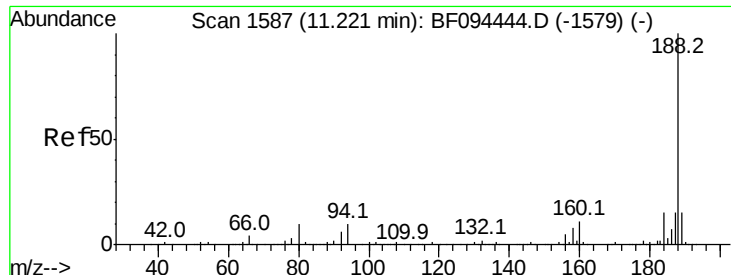
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094727.D
Acq: 30 Apr 2017 20:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

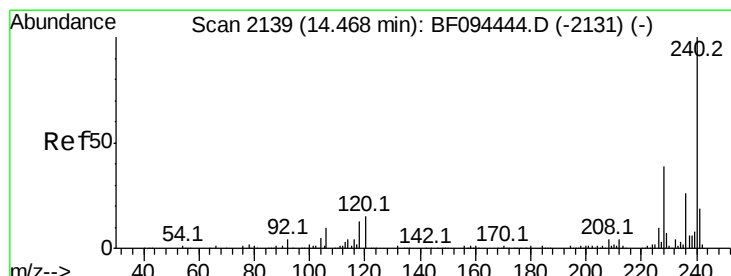
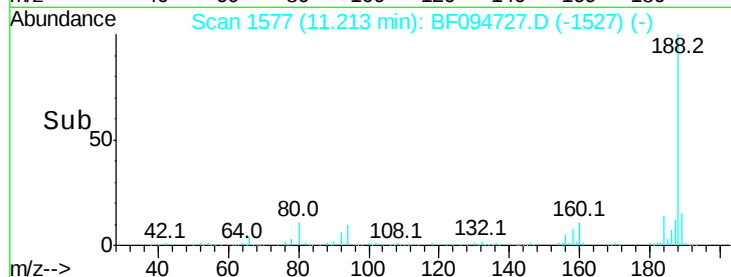
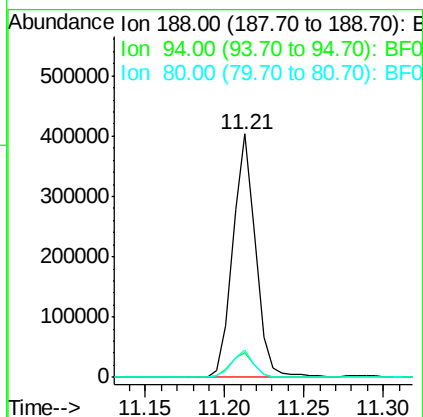
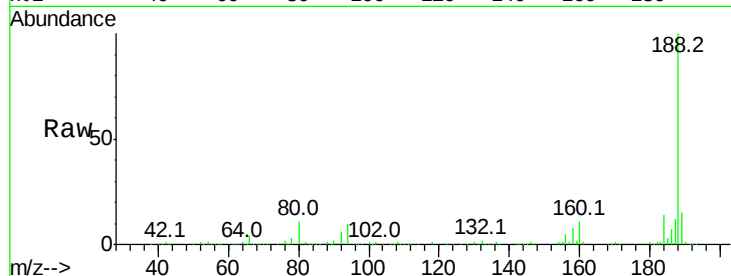




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094727.D
 Acq: 30 Apr 2017 20:58

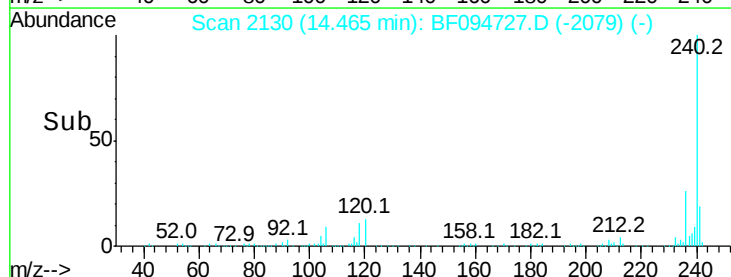
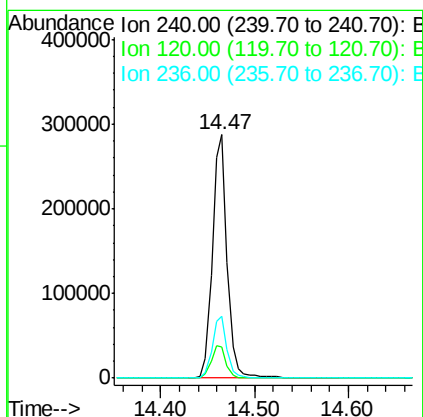
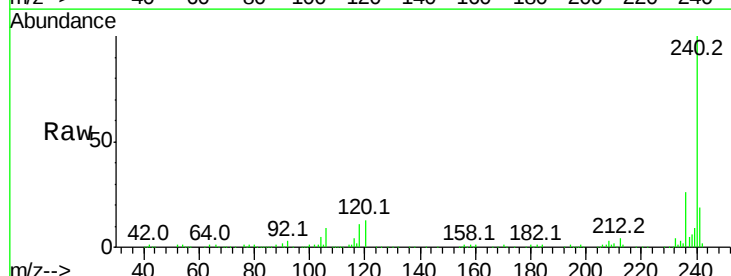
Instrument :
 BNA_F
 ClientSampleId :

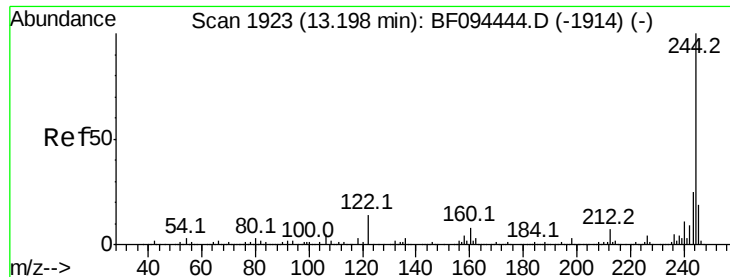
Tot Ion:188 Resp: 400896
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094727.D
 Acq: 30 Apr 2017 20:58

Tgt Ion:240 Resp: 319245
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.8 8.8#
 236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 107.41 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

Instrument :

BNA_F

ClientSampled :

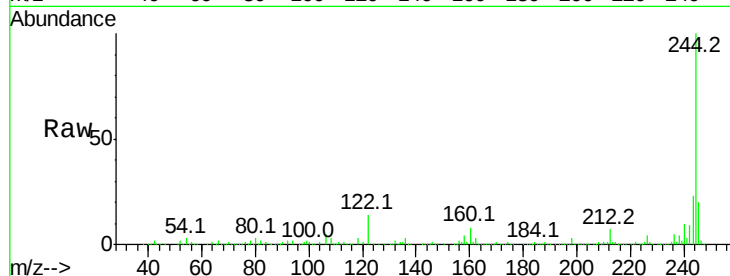
Tot Ion:244 Resp: 1282832

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

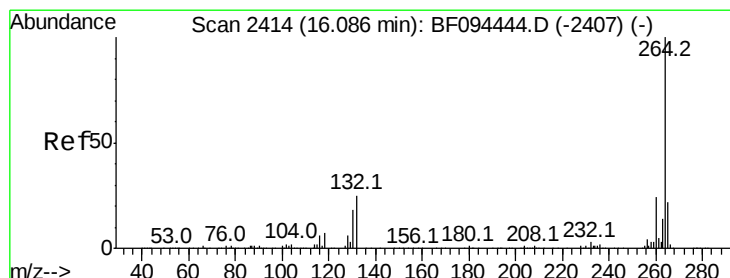
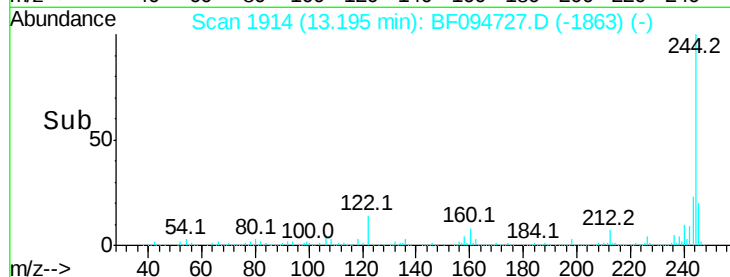
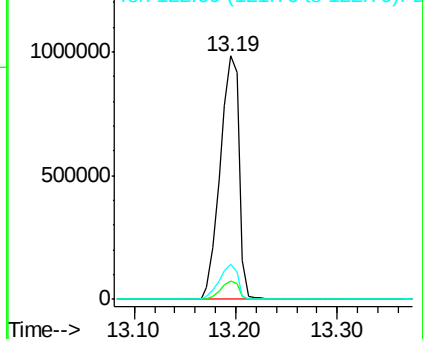
122 14.5 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094727.D

Acq: 30 Apr 2017 20:58

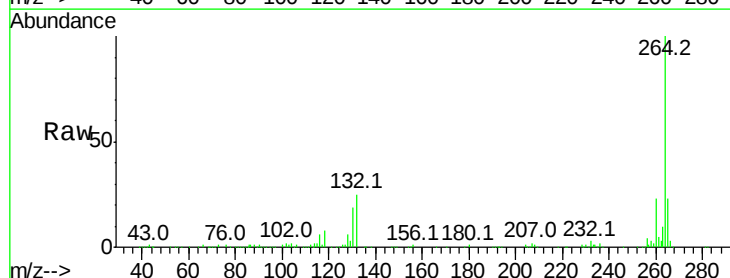
Tgt Ion:264 Resp: 212194

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.7 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

