

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094529.D
 Acq On : 19 Apr 2017 21:26
 Operator : SJ/MA
 Sample : I2750-06 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:07:54 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

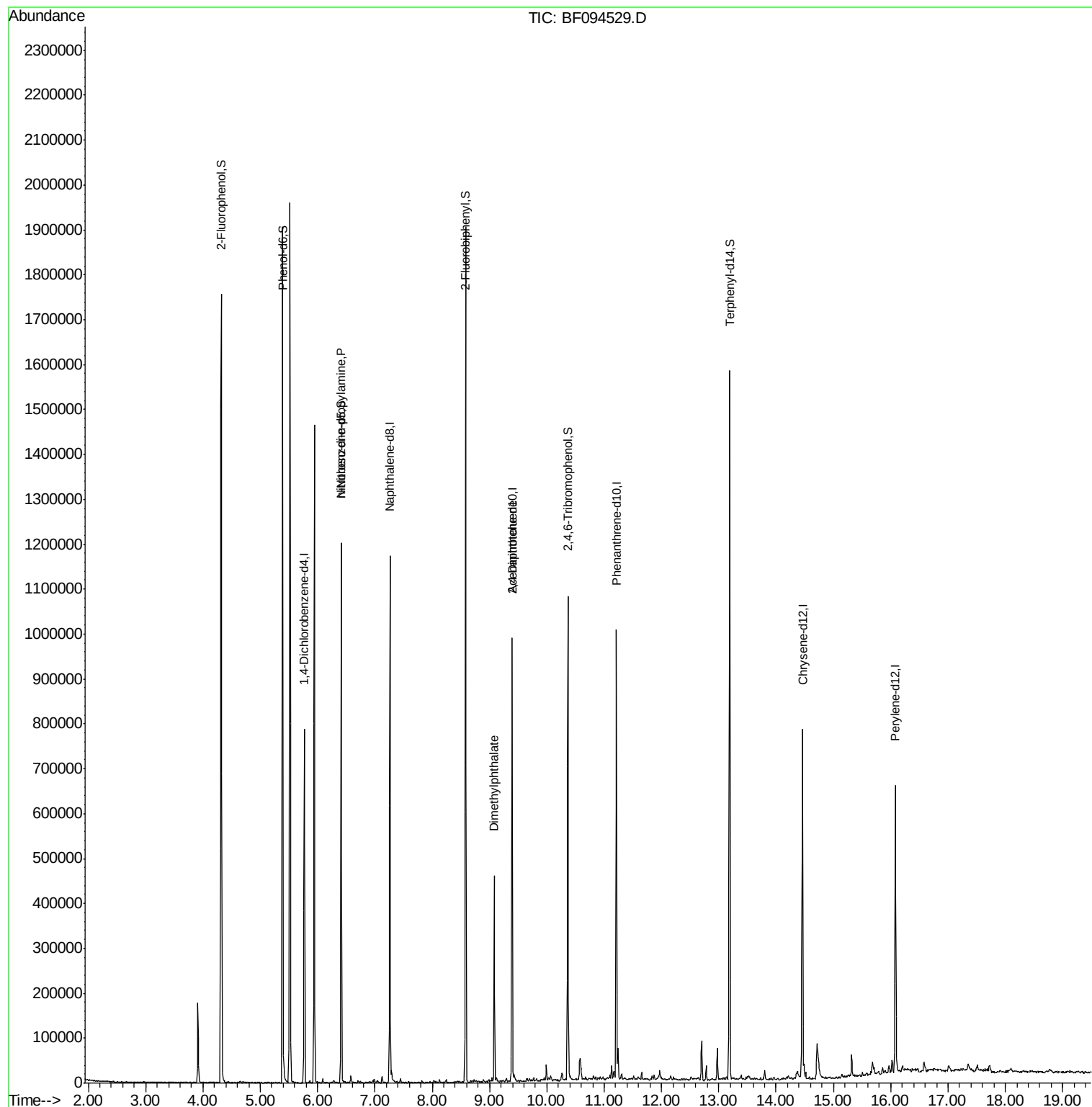
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	118606	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	515845	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	209197	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	387925	20.00	ng	0.00
75) Chrysene-d12	14.46	240	281534	20.00	ng	0.00
86) Perylene-d12	16.08	264	239951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	517905	72.44	ng	0.02
7) Phenol-d6	5.39	99	645721	76.62	ng	0.00
23) Nitrobenzene-d5	6.41	82	373242	44.68	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	121670	74.36	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	622532	43.78	ng	0.00
78) Terphenyl-d14	13.19	244	512060	48.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	48458	8.68	ng	# 76
49) Dimethylphthalate	9.08	163	184712	11.85	ng	99
56) 2,4-Dinitrotoluene	9.40	165	26147	6.09	ng	# 33

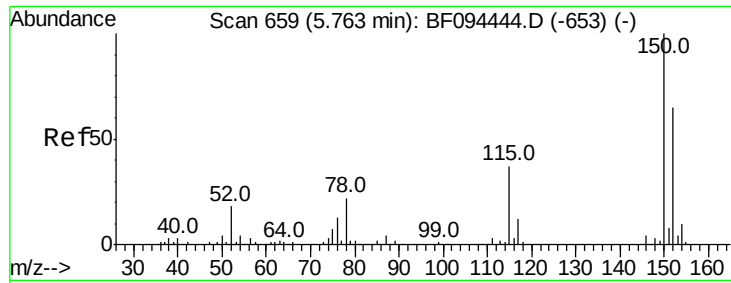
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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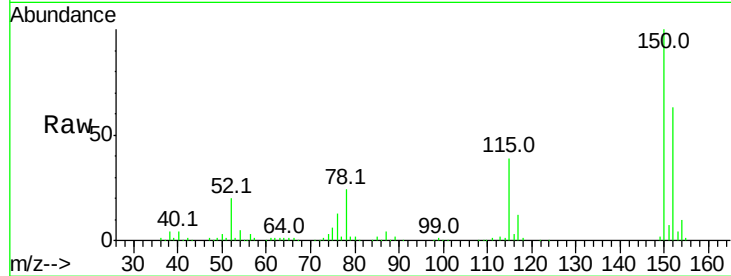


#1

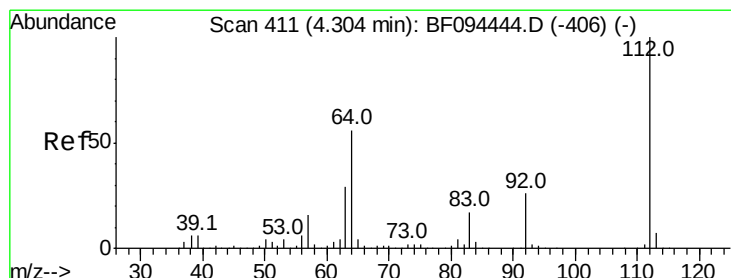
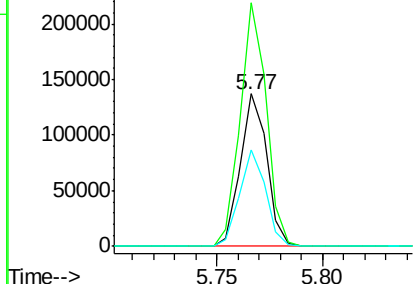
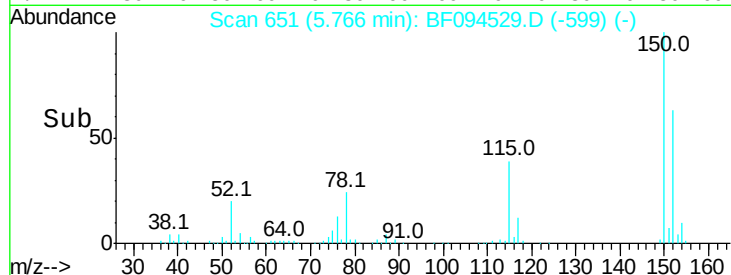
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094529.D
Acq: 19 Apr 2017 21:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118606
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 63.0 52.2 78.2



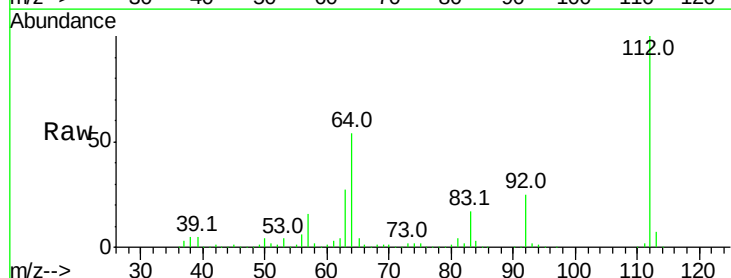
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



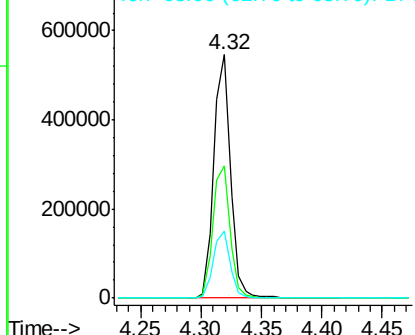
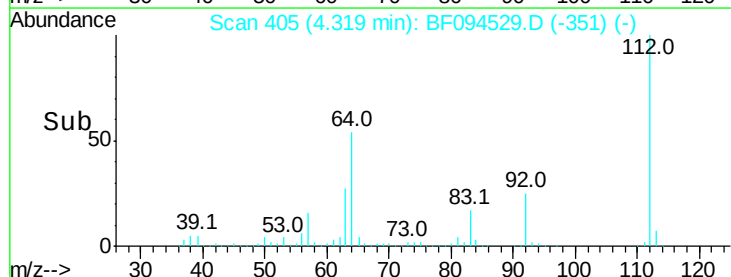
#5

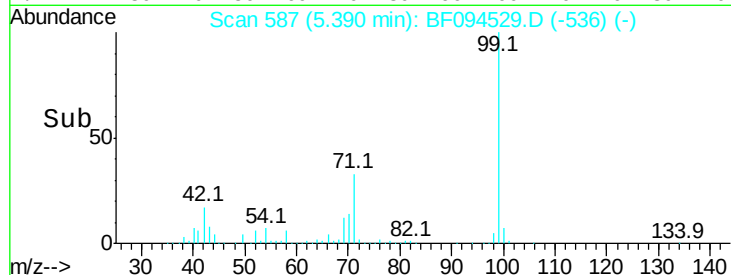
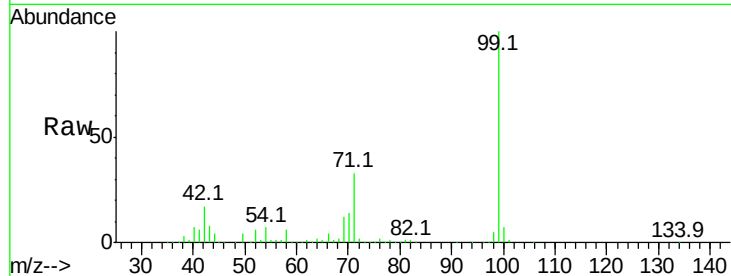
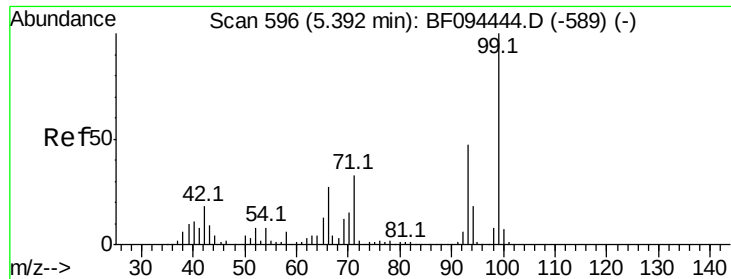
2-Fluorophenol
Concen: 72.44 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094529.D
Acq: 19 Apr 2017 21:26

Tgt Ion:112 Resp: 517905
Ion Ratio Lower Upper
112 100
64 54.1 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: 76.62 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094529.D

Acq: 19 Apr 2017 21:26

Instrument :

BNA_F

ClientSampled :

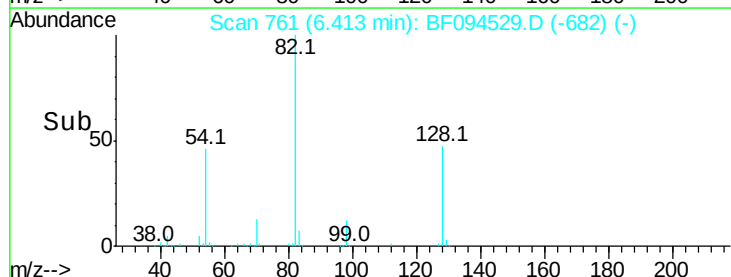
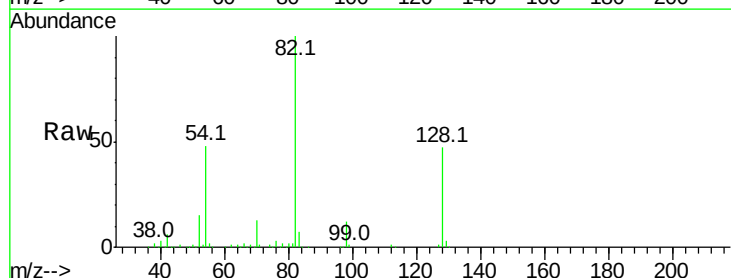
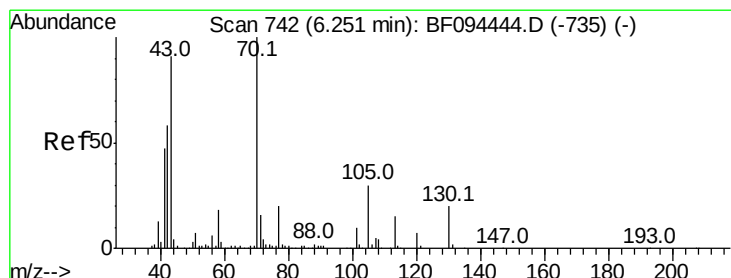
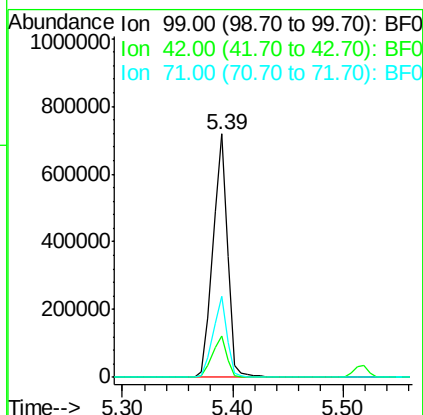
Tot Ion: 99 Resp: 645721

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 33.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 8.68 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094529.D

Acq: 19 Apr 2017 21:26

Tgt Ion: 70 Resp: 48458

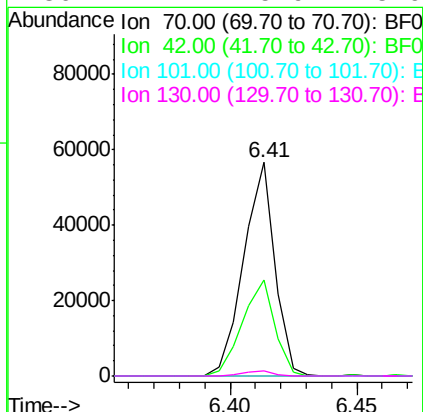
Ion Ratio Lower Upper

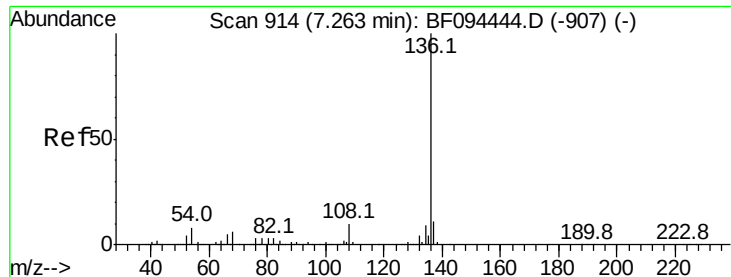
70 100

42 45.2 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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094529.D

Acq: 19 Apr 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 515845

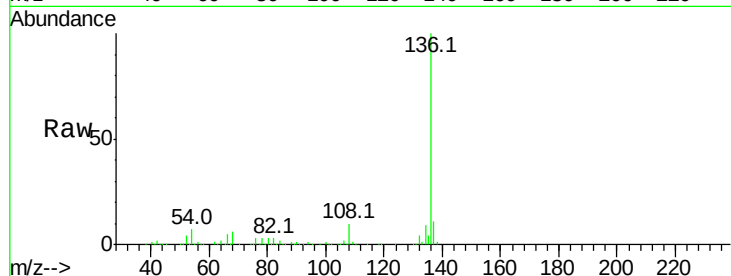
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

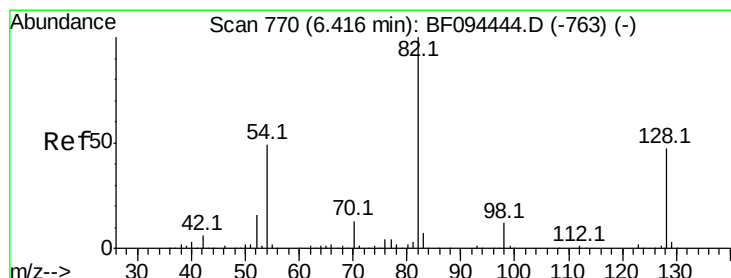
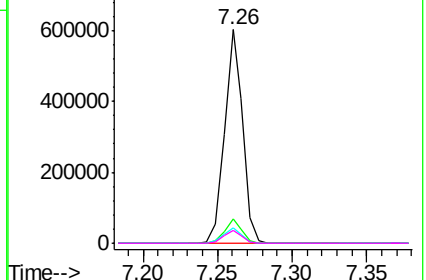
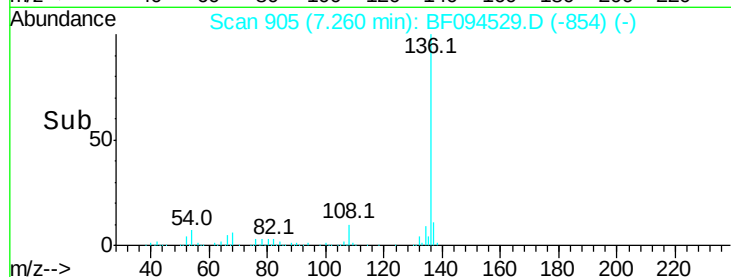


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.68 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094529.D

Acq: 19 Apr 2017 21:26

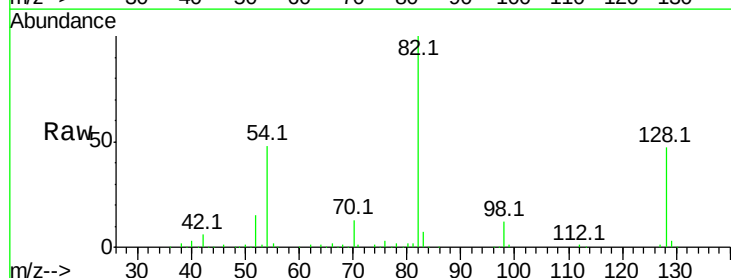
Tgt Ion: 82 Resp: 373242

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

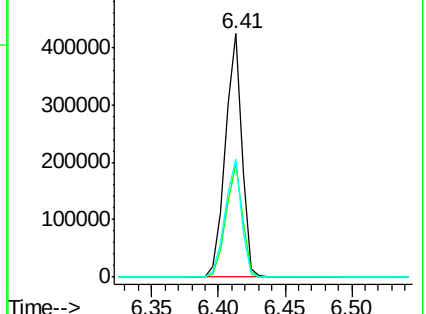
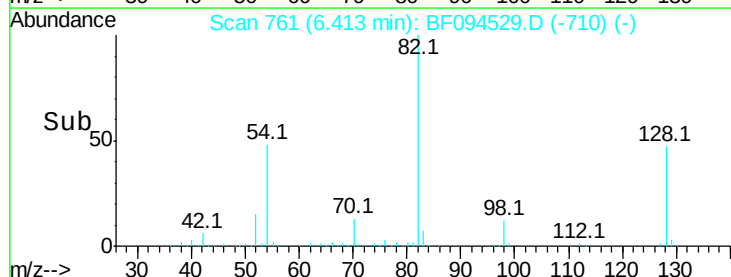
54 48.3 42.2 63.2

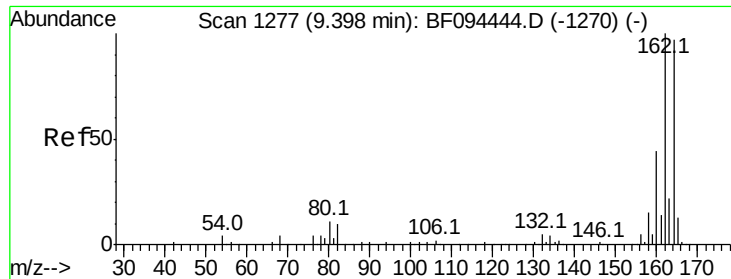


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

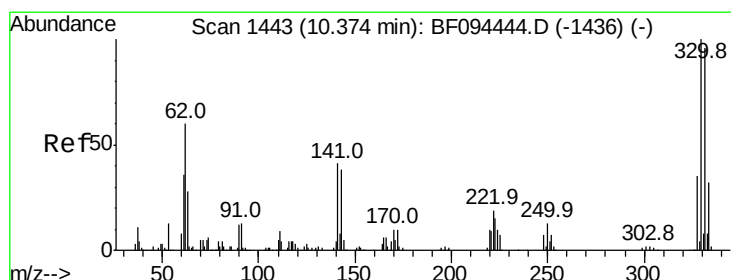
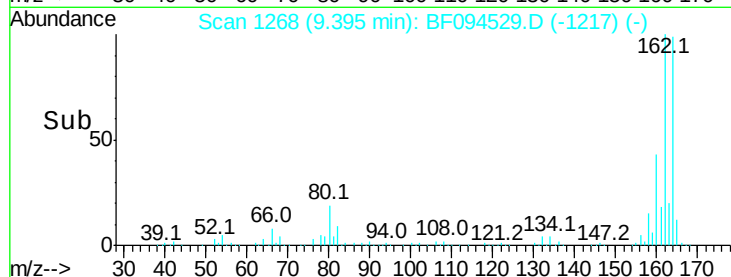
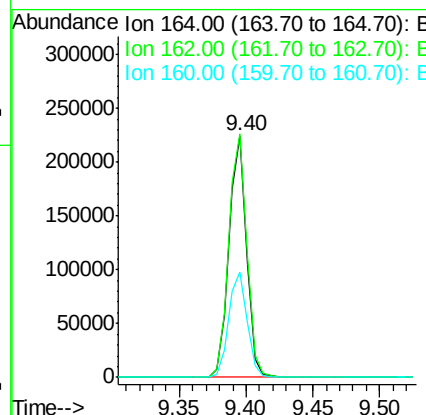
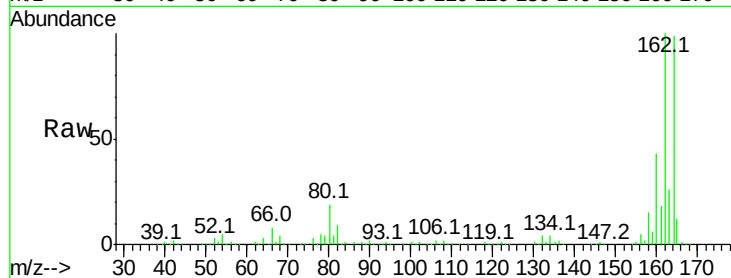




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094529.D
 Acq: 19 Apr 2017 21:26

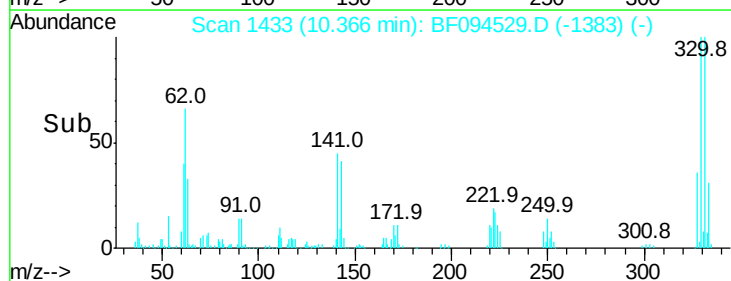
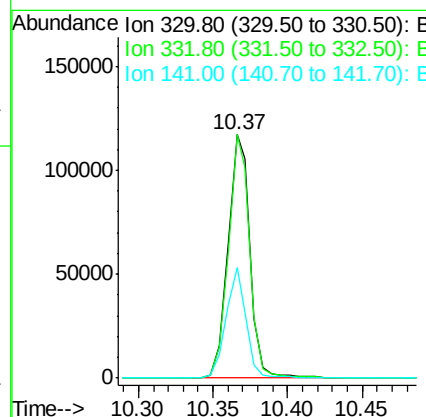
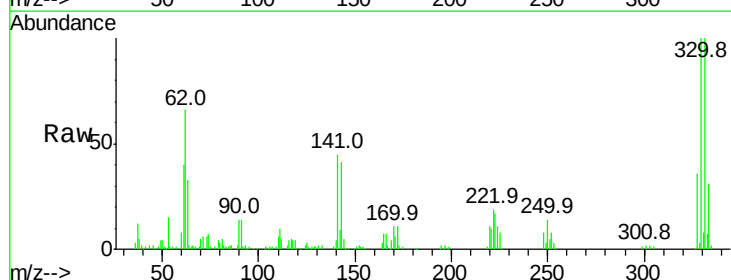
Instrument :
 BNA_F
 ClientSampleId :

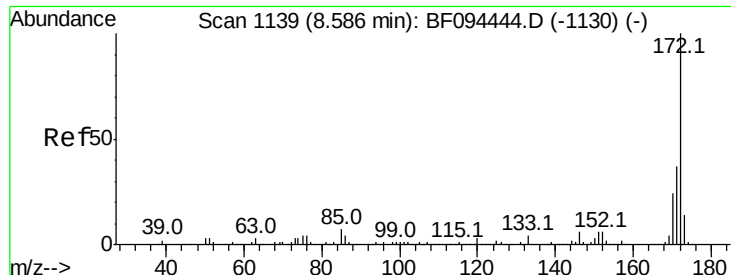
Tot Ion:164 Resp: 209197
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 43.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 74.36 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094529.D
 Acq: 19 Apr 2017 21:26

Tgt Ion:330 Resp: 121670
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 41.8 31.4 47.2

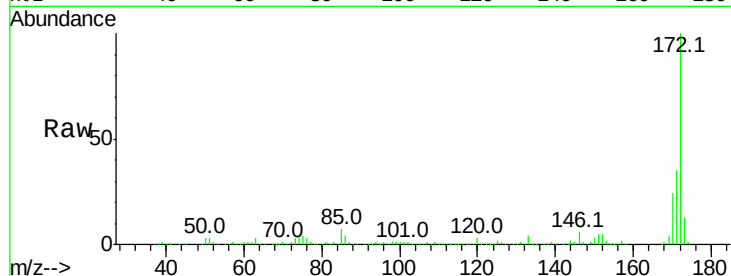




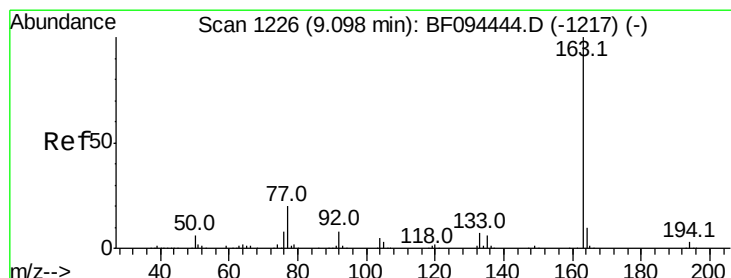
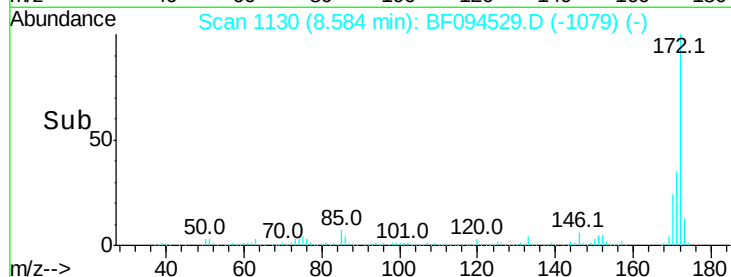
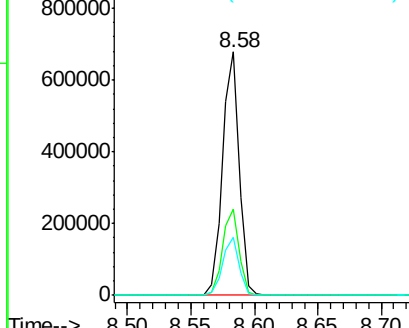
#44
 2-Fluorobiphenyl
 Concen: 43.78 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094529.D
 Acq: 19 Apr 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 622532
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.8 19.8 29.8

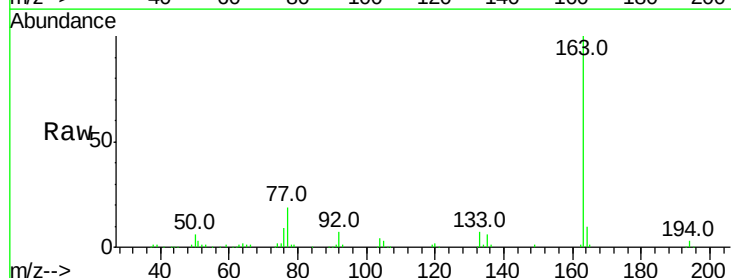


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

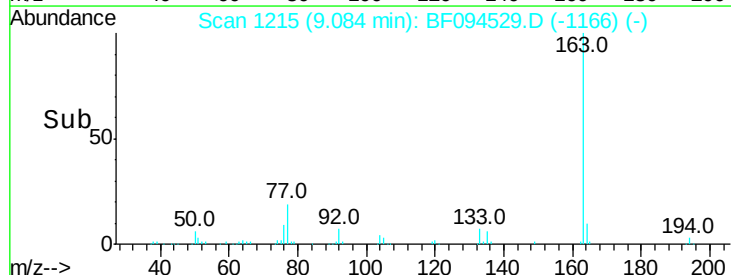
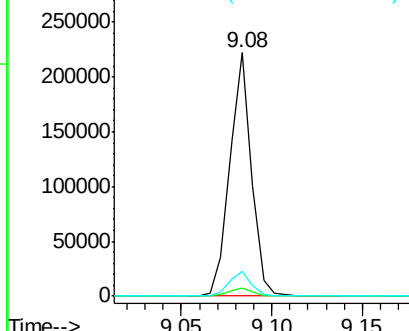


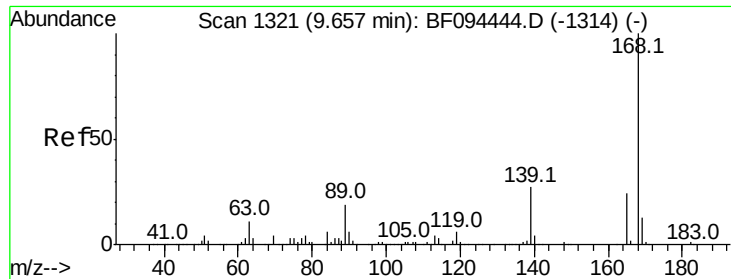
#49
 Dimethylphthalate
 Concen: 11.85 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094529.D
 Acq: 19 Apr 2017 21:26

Tgt Ion:163 Resp: 184712
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.2 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

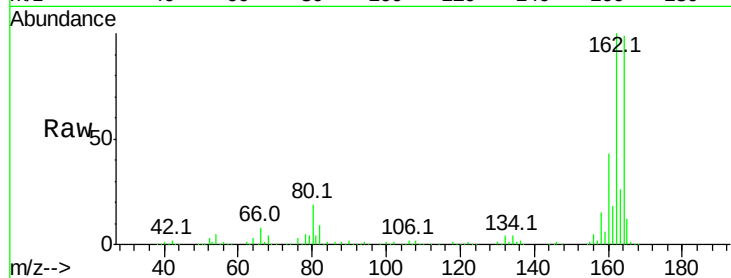




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094529.D
 Acq: 19 Apr 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26147
Ion Ratio	Lower	Upper
165	100	
63	1.3	25.4 38.0#
89	1.7	46.4 69.6#
182	0.0	1.8 2.6#

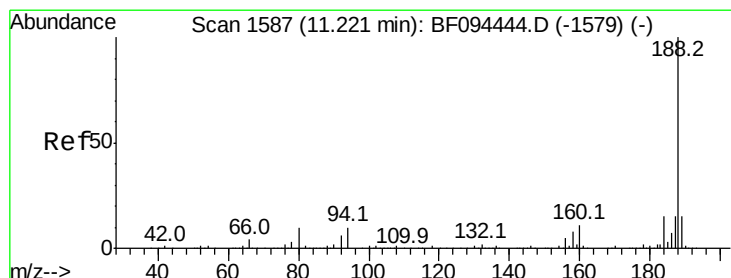
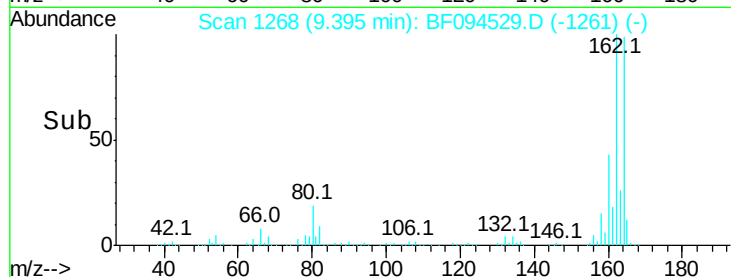
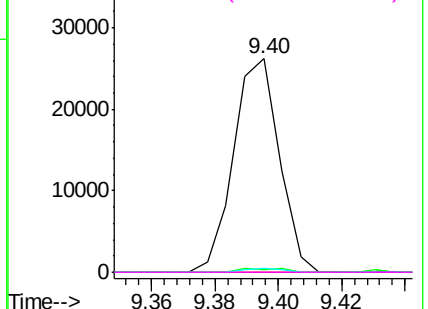


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

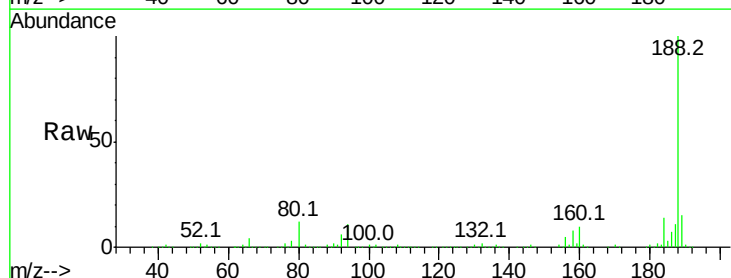
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094529.D
 Acq: 19 Apr 2017 21:26

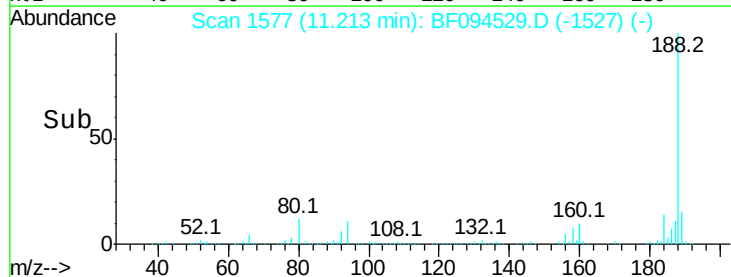
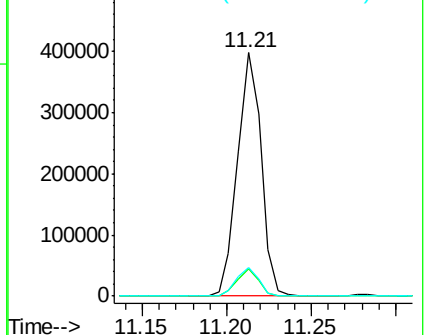
Tgt Ion:188	Resp:	387925
Ion Ratio	Lower	Upper
188	100	
94	11.2	9.4 14.2
80	11.6	10.2 15.2

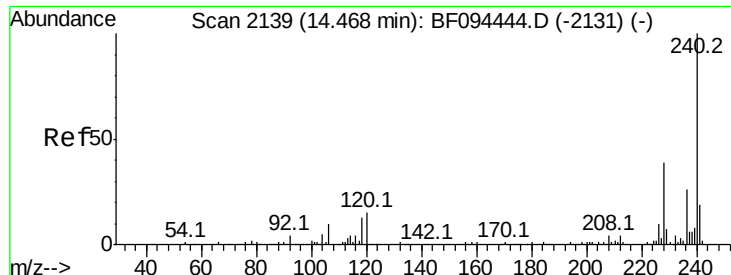


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094529.D

Acq: 19 Apr 2017 21:26

Instrument :

BNA_F

ClientSampleId :

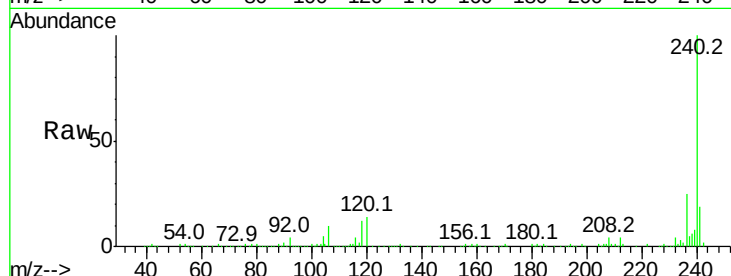
Tot Ion:240 Resp: 281534

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

236 25.4 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

300000

200000

100000

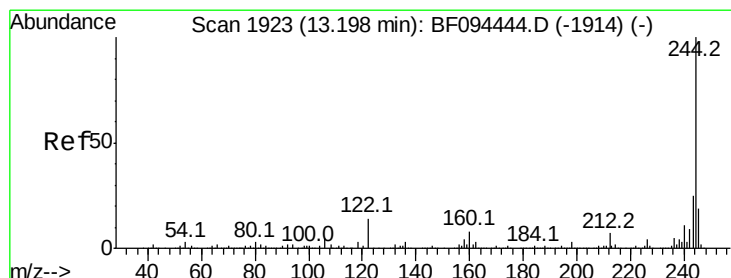
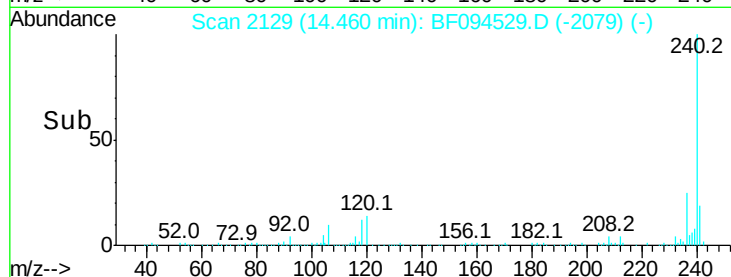
0

14.46

14.40

14.50

Time-->



#78

Terphenyl-d14

Concen: 48.62 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094529.D

Acq: 19 Apr 2017 21:26

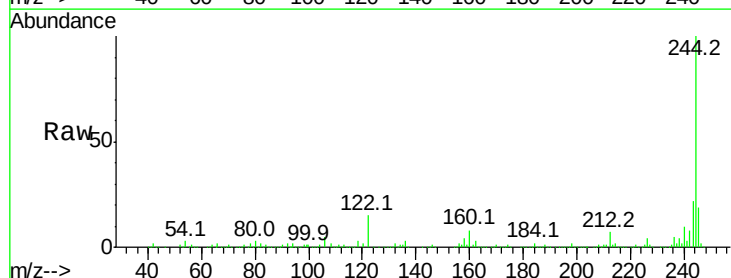
Tgt Ion:244 Resp: 512060

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 14.8 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

600000

400000

200000

0

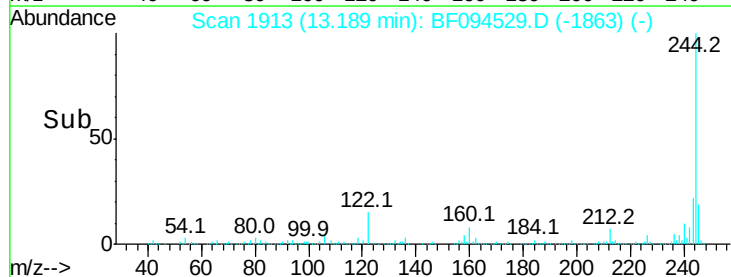
13.19

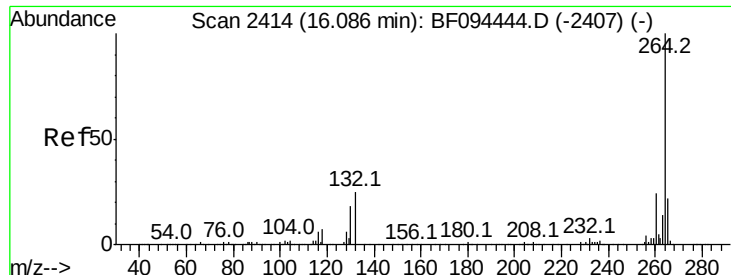
13.15

13.20

13.25

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094529.D
Acq: 19 Apr 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.7	17.2	25.8

