

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094478.D
 Acq On : 18 Apr 2017 5:51
 Operator : SJ/MA
 Sample : I2707-03 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 06:45:26 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

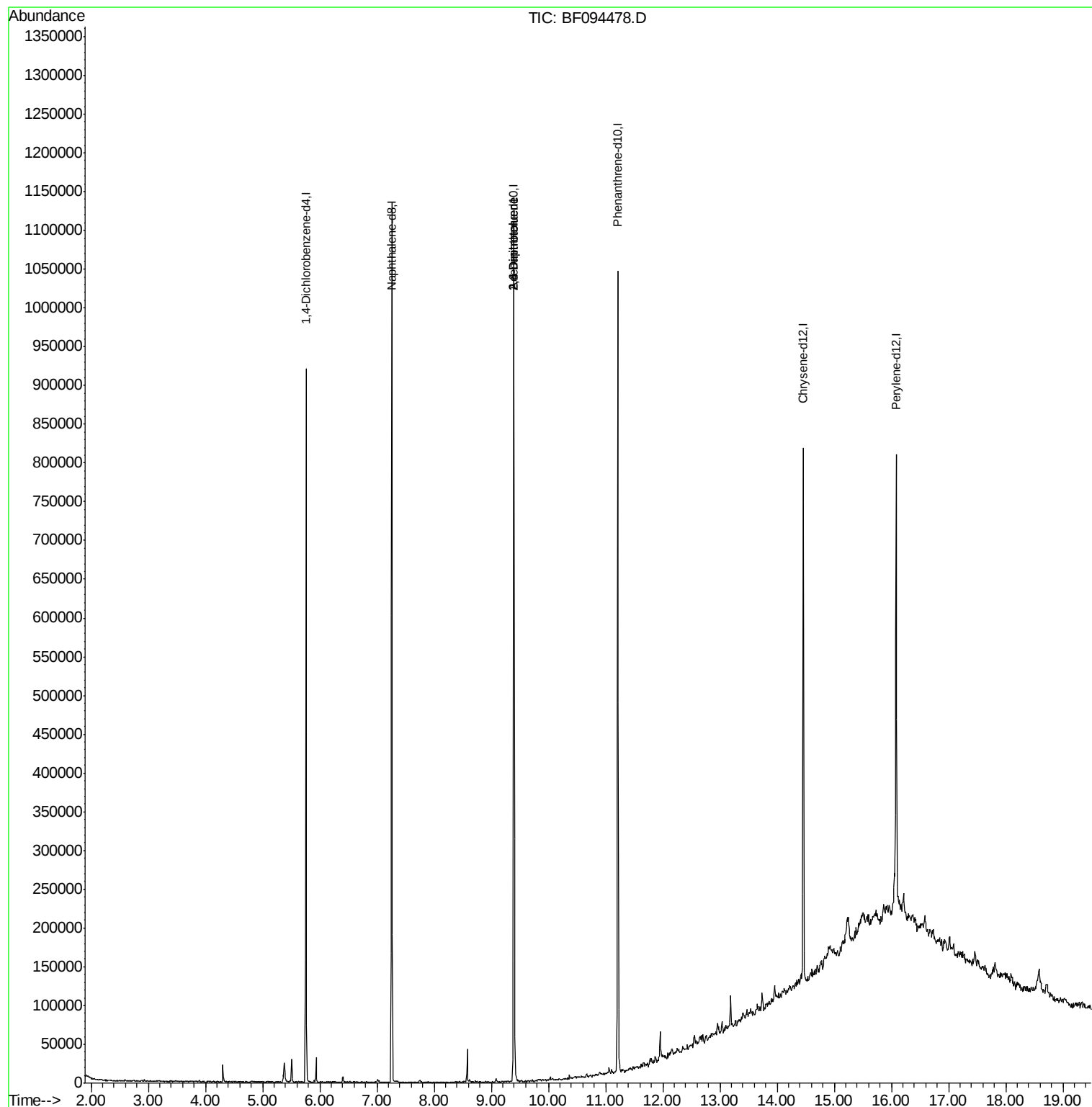
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	139341	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	547511	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	246740	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	411732	20.00	ng	0.00
75) Chrysene-d12	14.46	240	269875	20.00	ng	-0.01
86) Perylene-d12	16.08	264	238834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	7725	0.92	ng	0.00
7) Phenol-d6	5.38	99	10271	1.04	ng	-0.01
23) Nitrobenzene-d5	6.40	82	2765	0.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	553	0.29	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	15770	0.94	ng	0.00
78) Terphenyl-d14	13.19	244	10551	1.05	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.39	165	31856	7.72	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	31856	6.29	ng	# 32

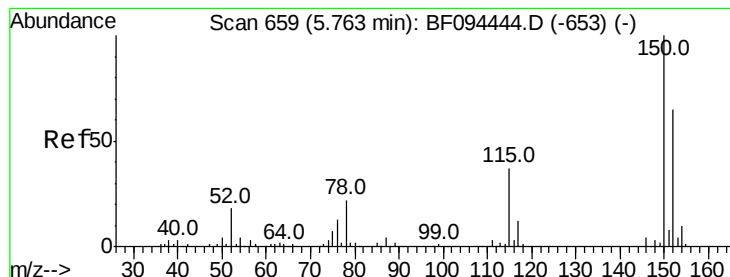
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094478.D

Acq: 18 Apr 2017 5:51

Instrument :

BNA_F

ClientSampleId :

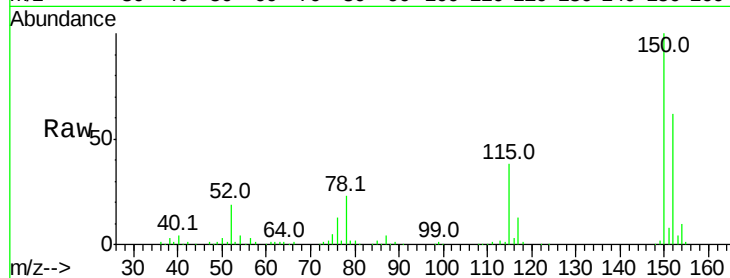
Tot Ion:152 Resp: 139341

Ion Ratio Lower Upper

152 100

150 160.8 126.2 189.2

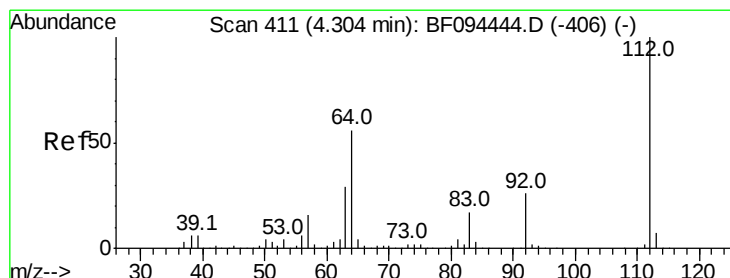
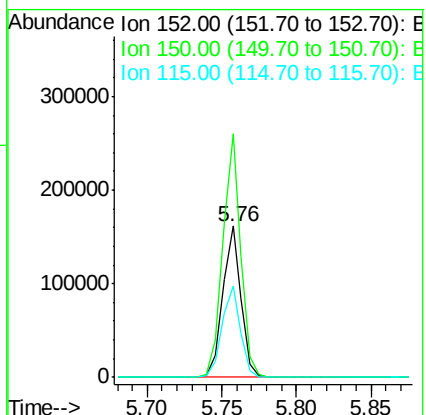
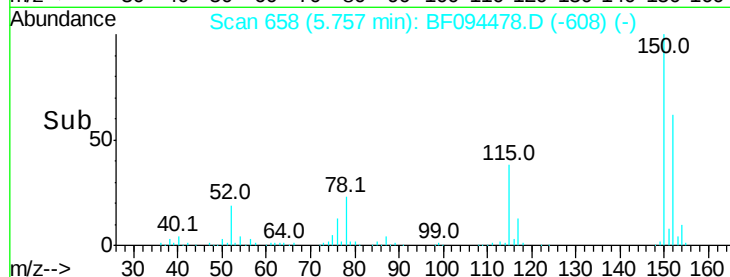
115 60.7 52.2 78.2



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: 0.92 ng

RT: 4.30 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF094478.D

Acq: 18 Apr 2017 5:51

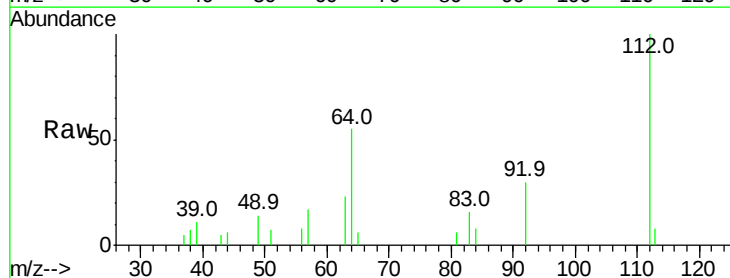
Tgt Ion:112 Resp: 7725

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

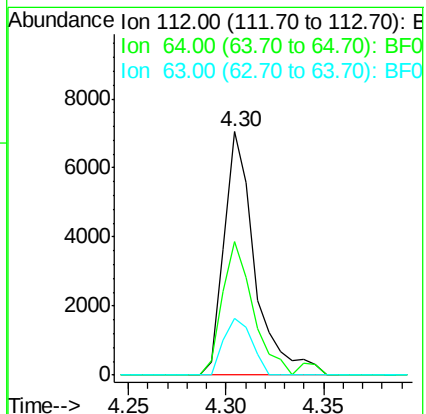
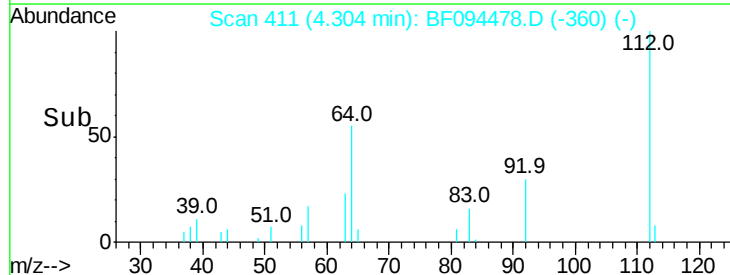
63 23.5 23.4 35.0

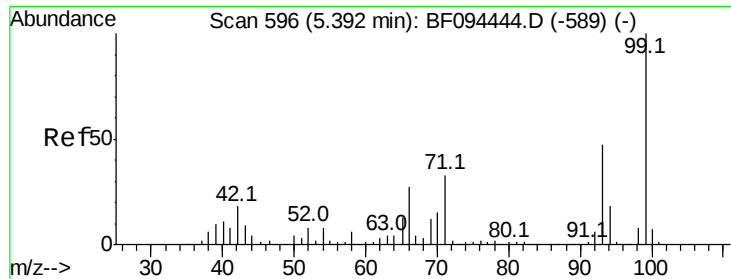


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.04 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094478.D

Acq: 18 Apr 2017 5:51

Instrument :

BNA_F

ClientSampleId :

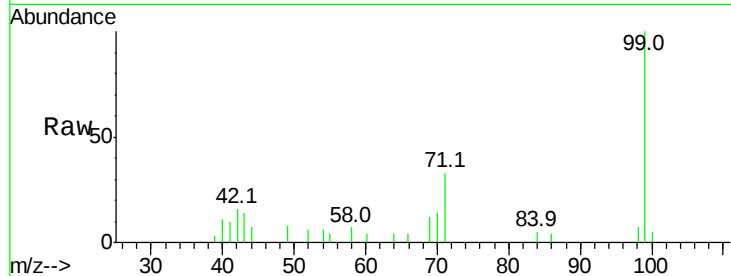
Tot Ion: 99 Resp: 10271

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

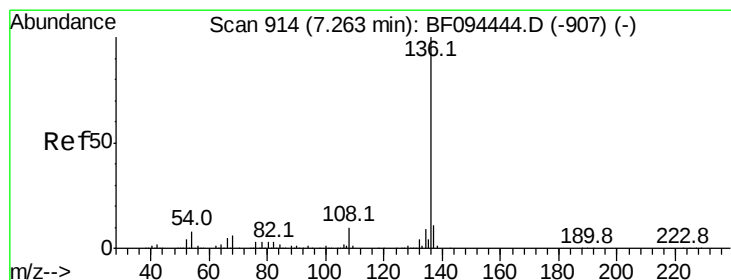
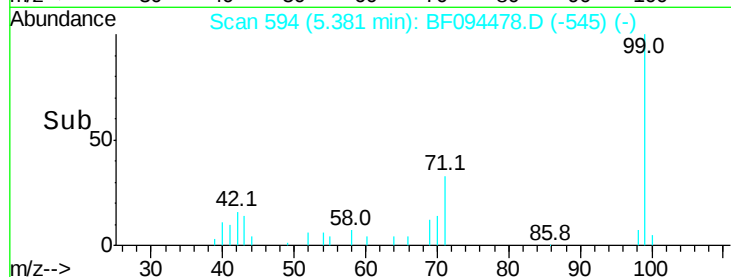
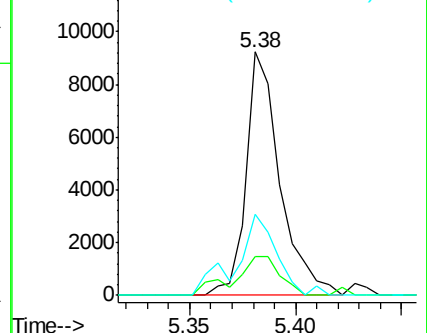
71 33.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094478.D

Acq: 18 Apr 2017 5:51

Tgt Ion: 136 Resp: 547511

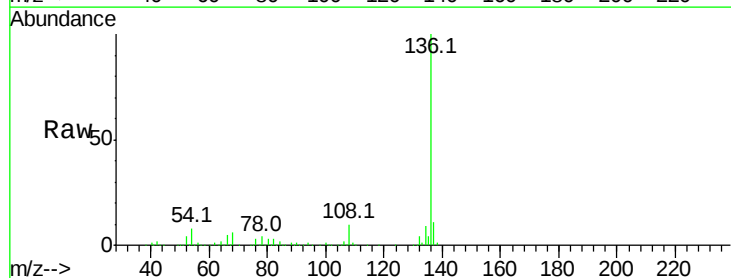
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.6 4.1 6.1

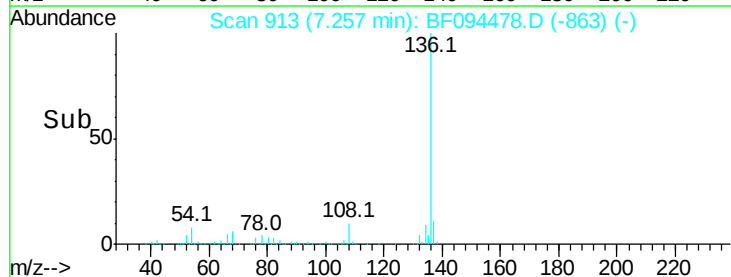
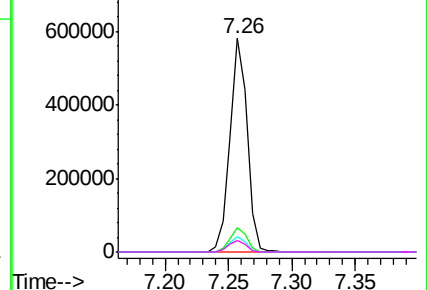


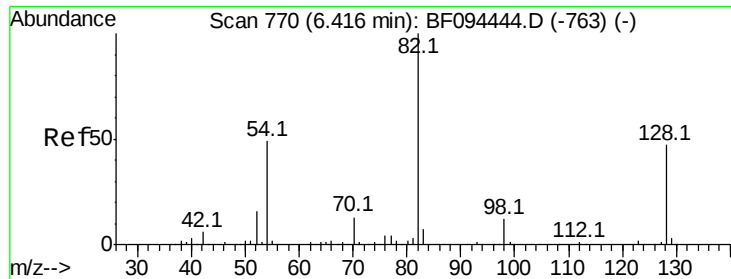
Abundance Ion 136.00 (135.70 to 136.70): E

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

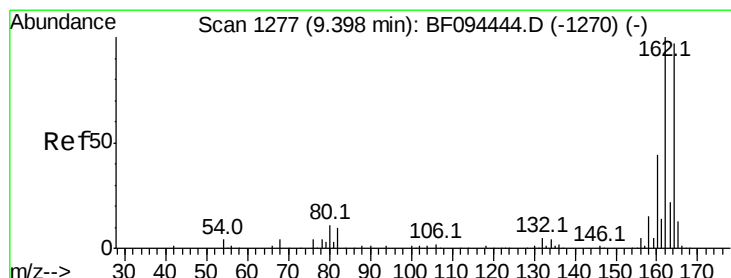
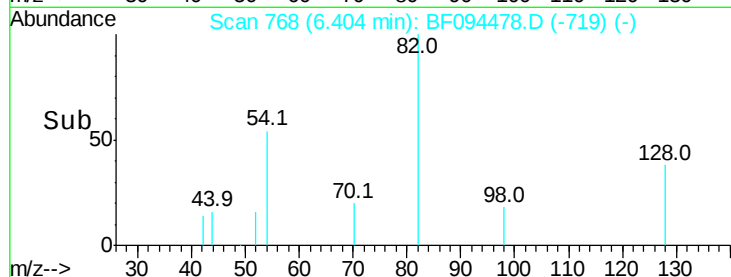
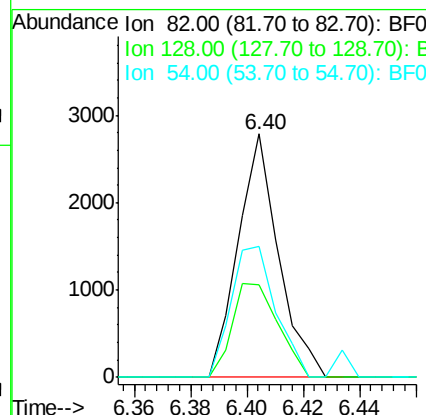
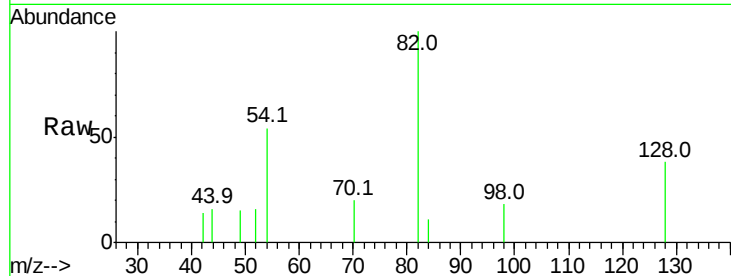




#23
 Nitrobenzene-d5
 Concen: 0.31 ng
 RT: 6.40 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF094478.D
 Acq: 18 Apr 2017 5:51

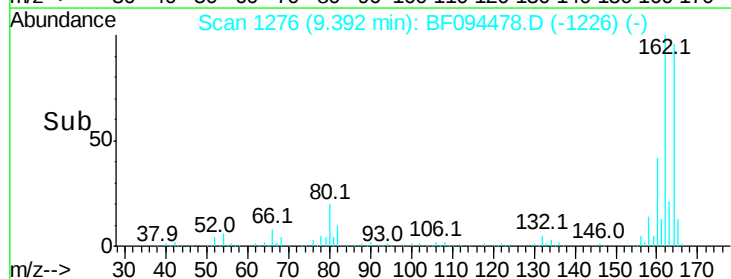
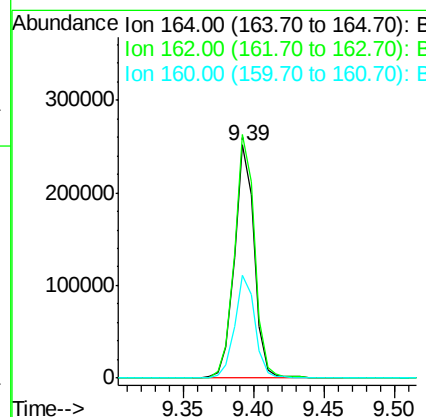
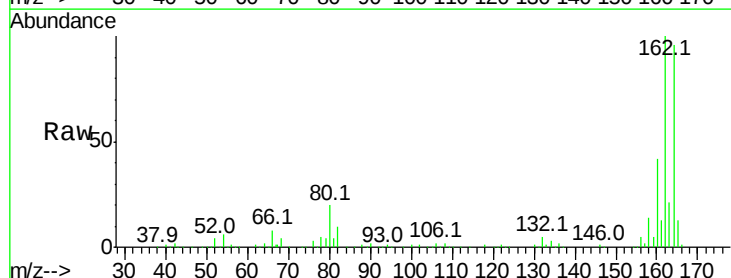
Instrument :
 BNA_F
 ClientSampleID :

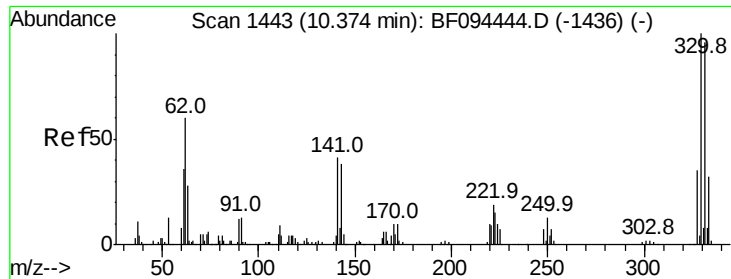
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.0	51.0
54	53.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094478.D
 Acq: 18 Apr 2017 5:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.1	36.2	54.2

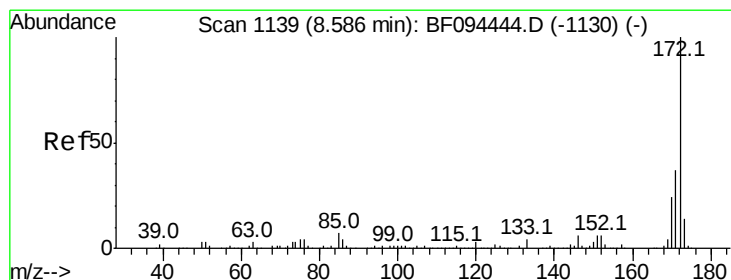
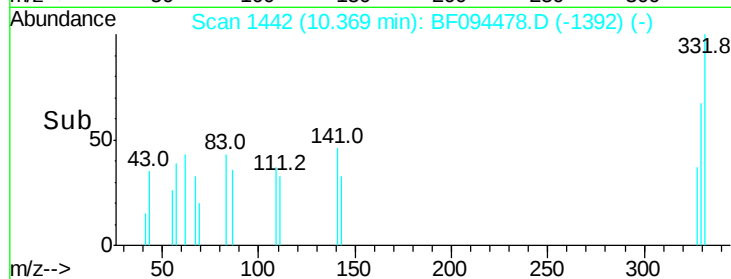
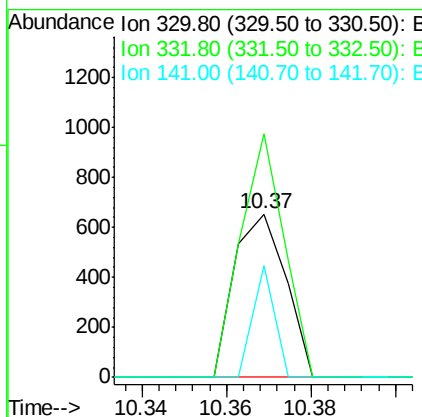
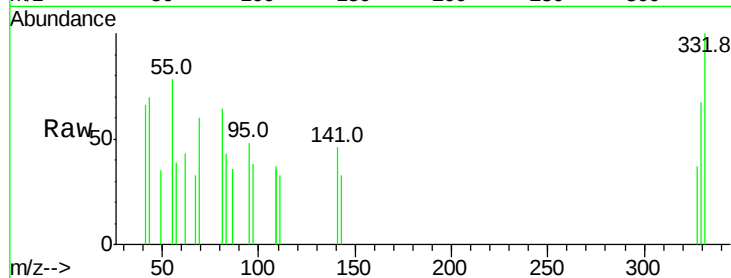




#41
 2,4,6-Tribromophenol
 Concen: 0.29 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094478.D
 Acq: 18 Apr 2017 5:51

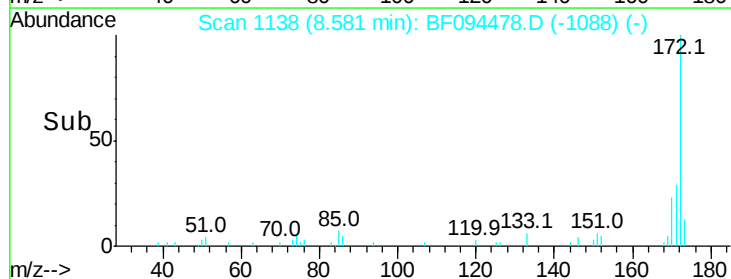
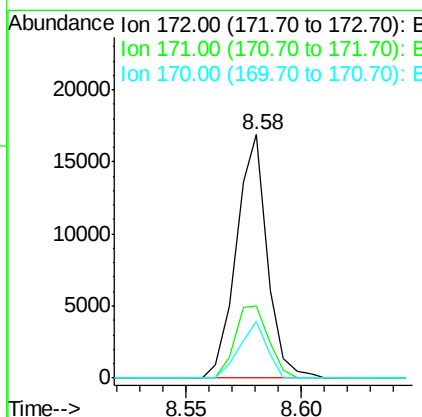
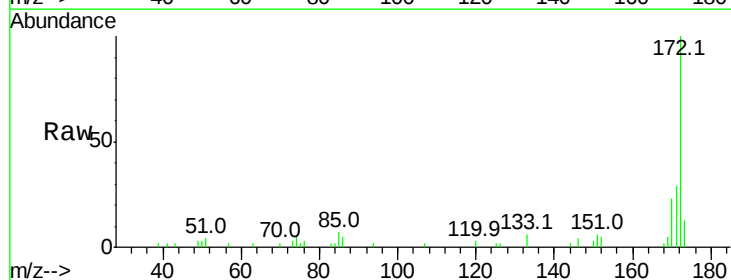
Instrument :
 BNA_F
 ClientSampleId :

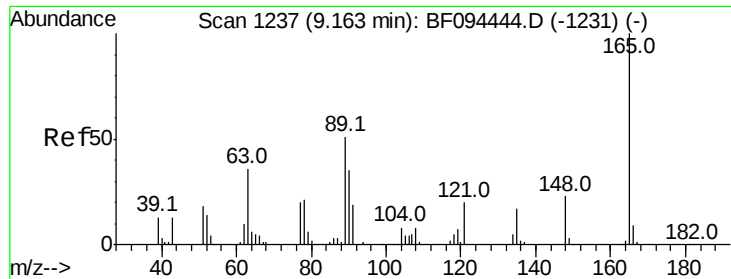
Tot Ion:330 Resp: 553
 Ion Ratio Lower Upper
 330 100
 332 126.4 76.6 115.0#
 141 28.4 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 0.94 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094478.D
 Acq: 18 Apr 2017 5:51

Tgt Ion:172 Resp: 15770
 Ion Ratio Lower Upper
 172 100
 171 29.4 29.6 44.4#
 170 23.4 19.8 29.8

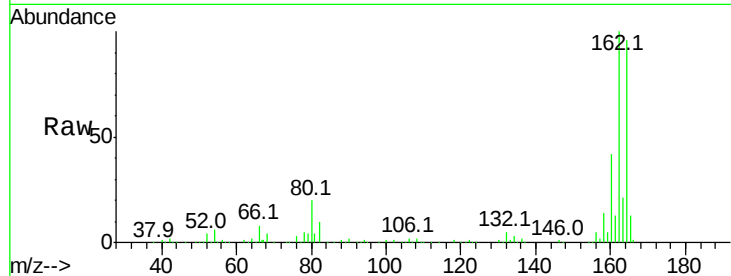




#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. 0.23 min
 Lab File: BF094478.D
 Acq: 18 Apr 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :

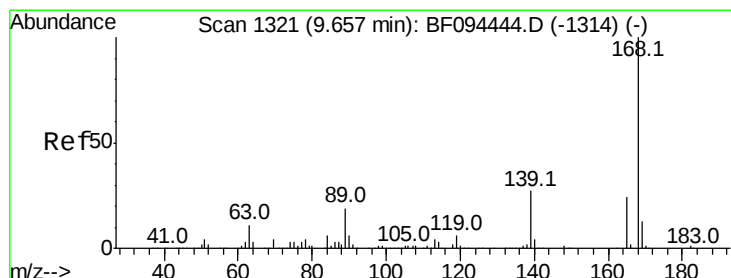
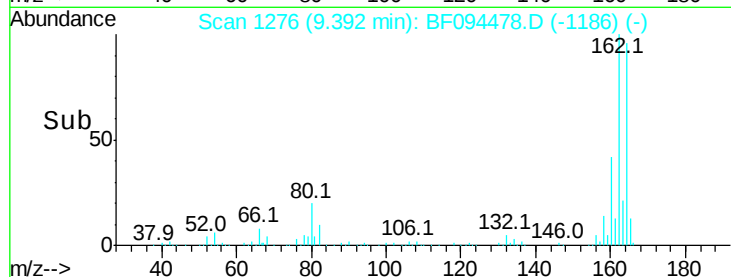
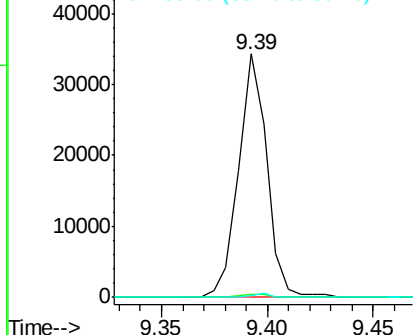
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	0.9	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

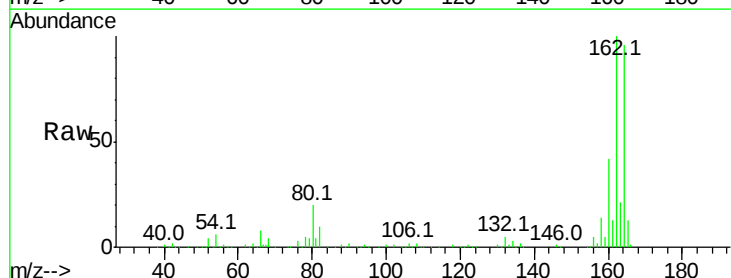
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.26 min
 Lab File: BF094478.D
 Acq: 18 Apr 2017 5:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	0.9	46.4	69.6#
182	0.0	1.8	2.6#

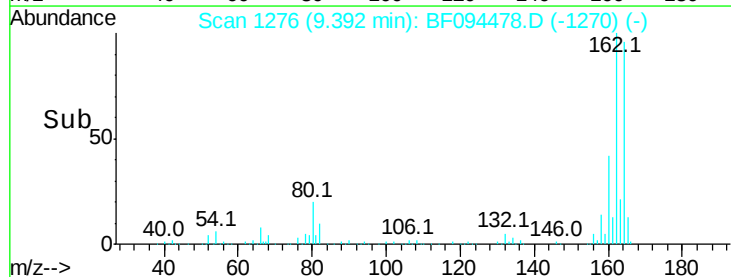
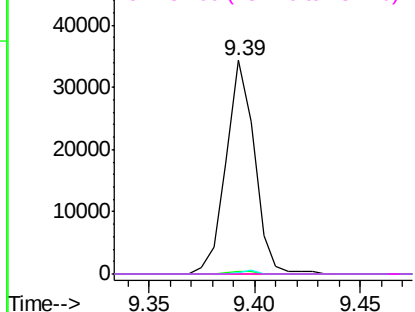


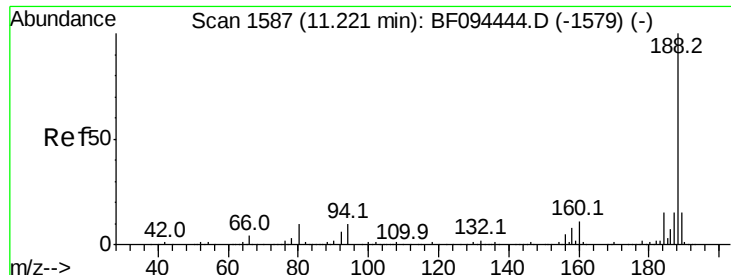
Abundance Ion 165.00 (164.70 to 165.70): E

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

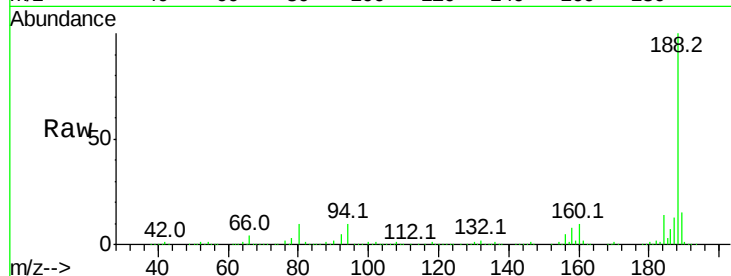




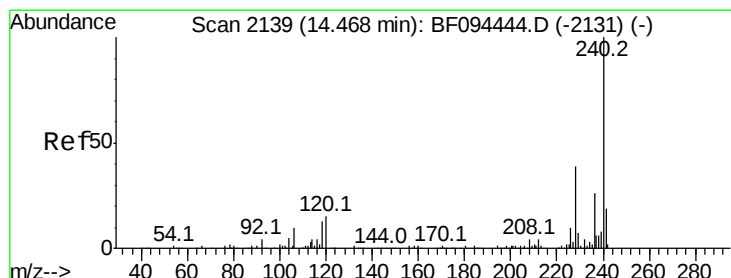
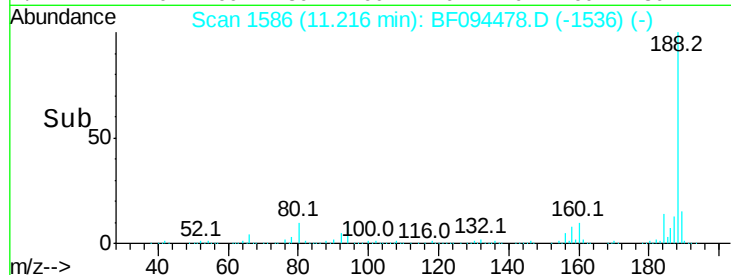
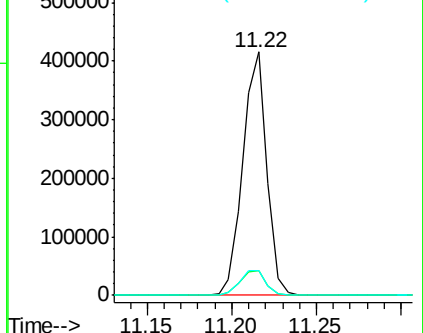
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094478.D
Acq: 18 Apr 2017 5:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 411732
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.3 10.2 15.2

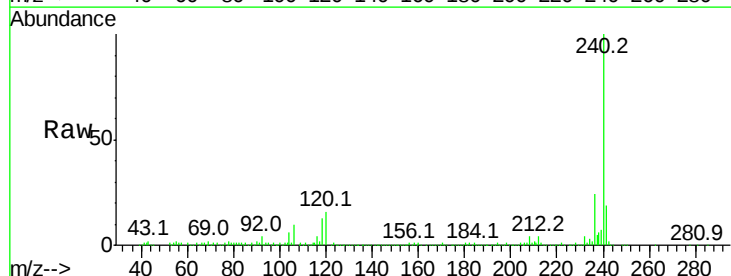


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

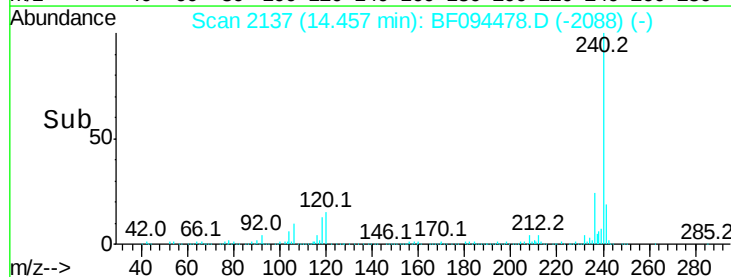
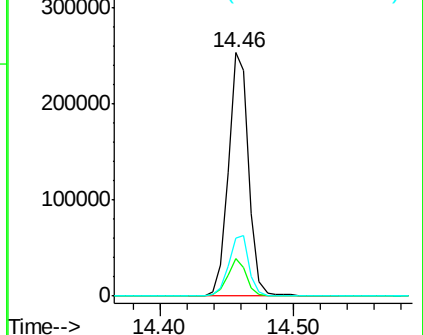


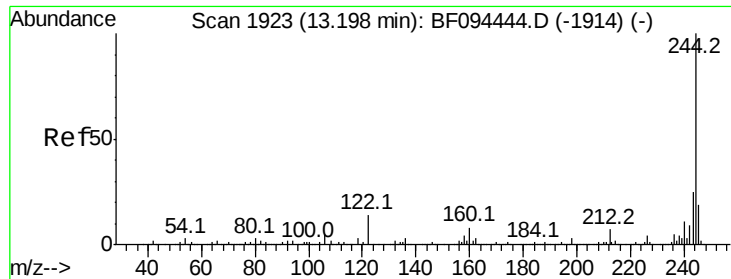
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BF094478.D
Acq: 18 Apr 2017 5:51

Tgt Ion:240 Resp: 269875
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 23.8 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: 1.05 ng

RT: 13.19 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF094478.D

Acq: 18 Apr 2017 5:51

Instrument :

BNA_F

ClientSampleId :

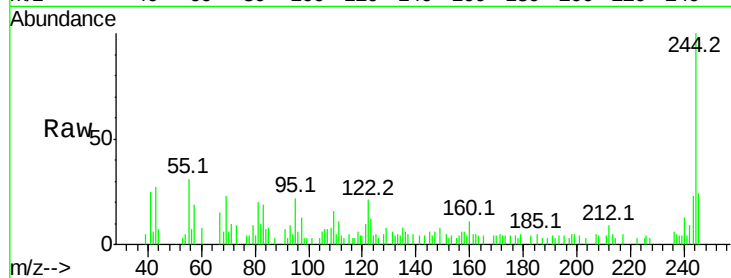
Tot Ion:244 Resp: 10551

Ion Ratio Lower Upper

244 100

212 9.0 6.0 9.0#

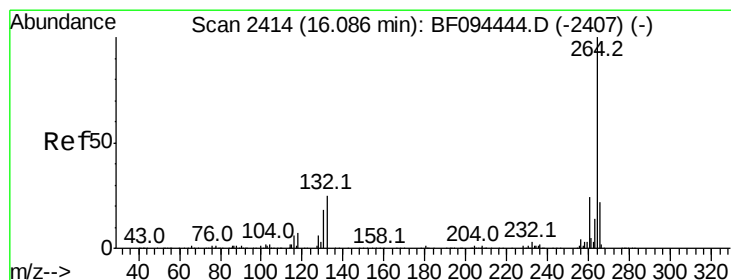
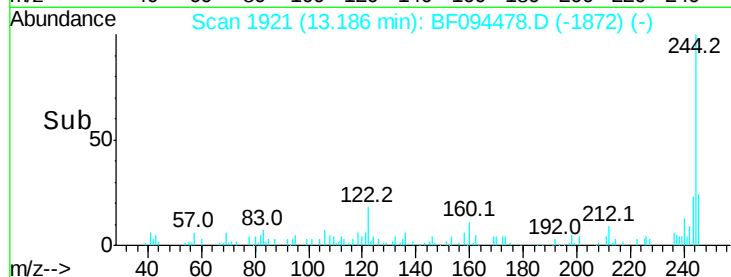
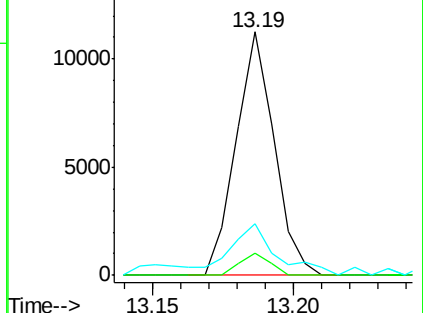
122 21.2 10.3 15.5#



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: 16.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BF094478.D

Acq: 18 Apr 2017 5:51

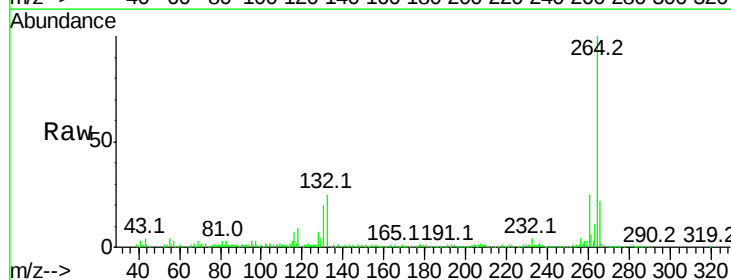
Tgt Ion:264 Resp: 238834

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.4 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

