

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
 Data File : BF090245.D
 Acq On : 27 Sep 2016 3:57
 Operator : UM/SJ
 Sample : H4927-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-18B

Quant Time: Sep 27 04:35:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

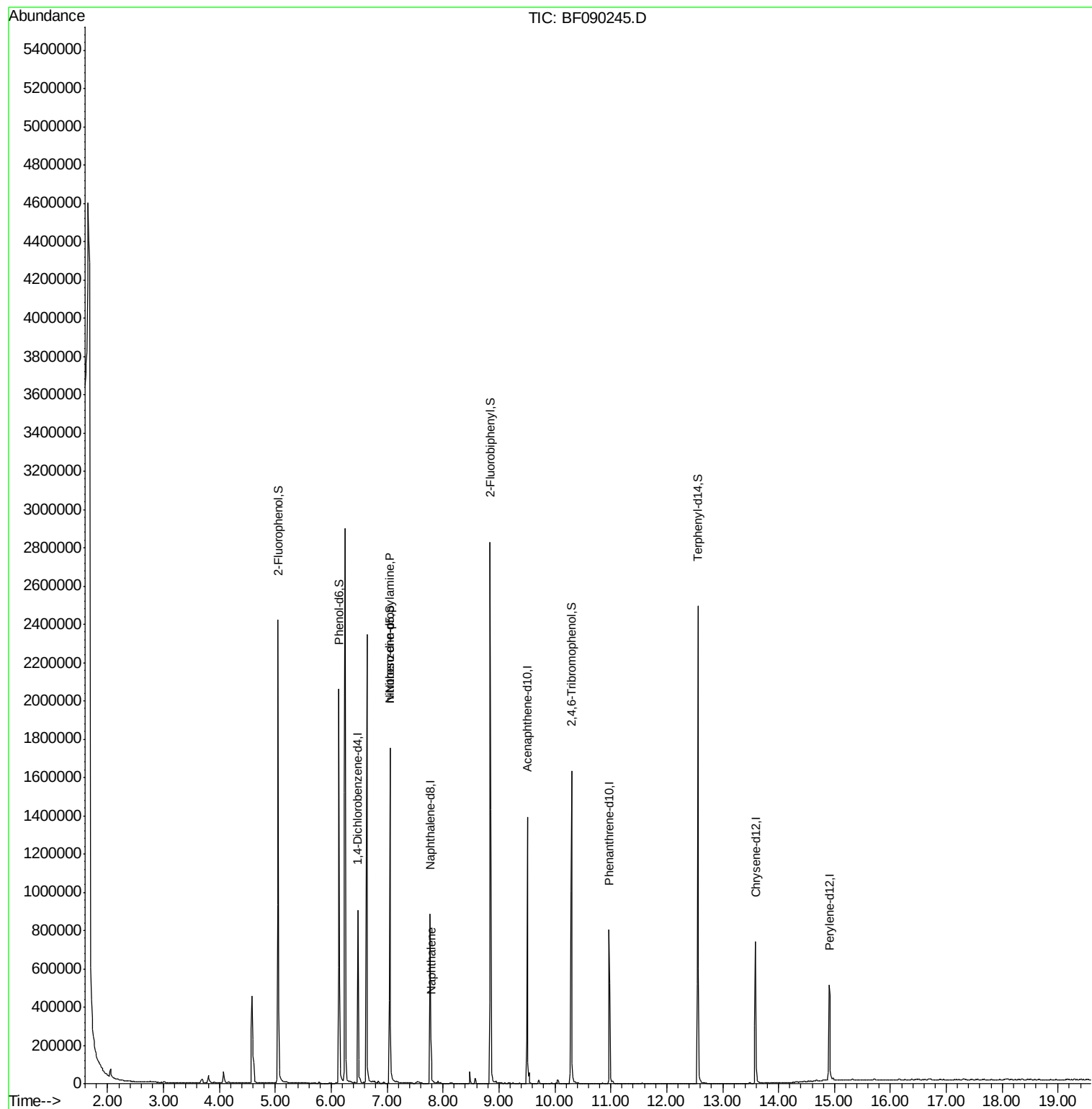
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	147530	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	556770	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	292502	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	403518	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	311463	20.00	ng	-0.01
86) Perylene-d12	14.91	264	279748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	868894	96.00	ng	0.02
7) Phenol-d6	6.14	99	990930	88.65	ng	0.00
23) Nitrobenzene-d5	7.05	82	680442	70.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	276810	110.31	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1199573	80.51	ng	-0.01
78) Terphenyl-d14	12.56	244	850143	69.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	79138	12.05	ng	Qvalue # 80
31) Naphthalene	7.78	128	115861	4.37	ng	99

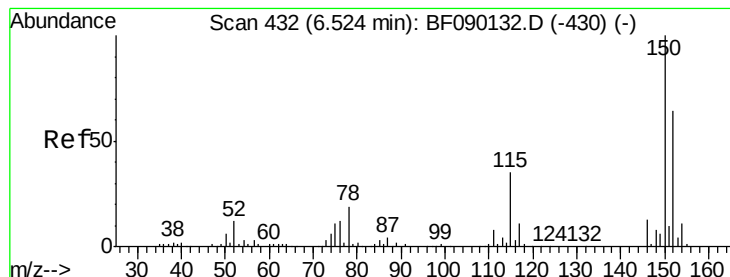
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Instrument :

BNA_F

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TRACK-D-GRID-18B

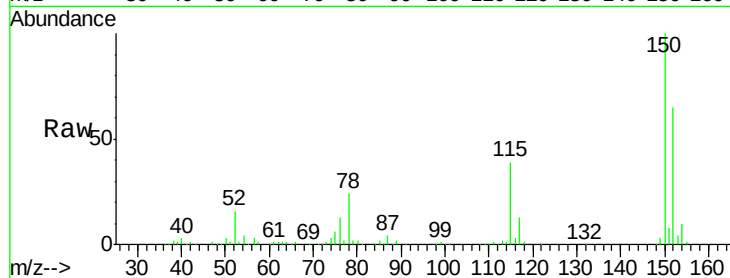
Tgt Ion:152 Resp: 147530

Ion Ratio Lower Upper

152 100

150 154.8 128.9 193.3

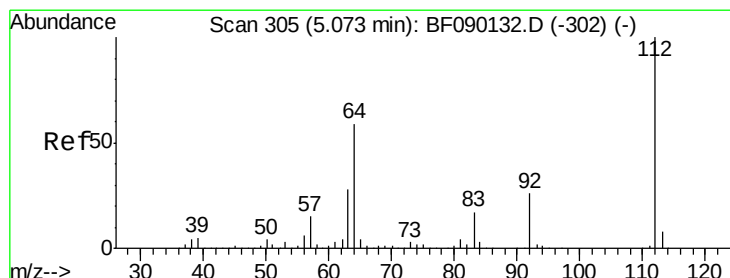
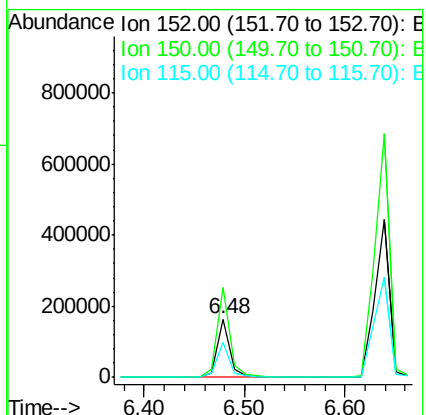
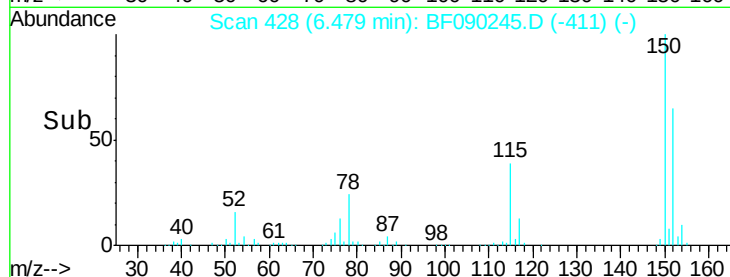
115 60.8 55.5 83.3



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: 96.00 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

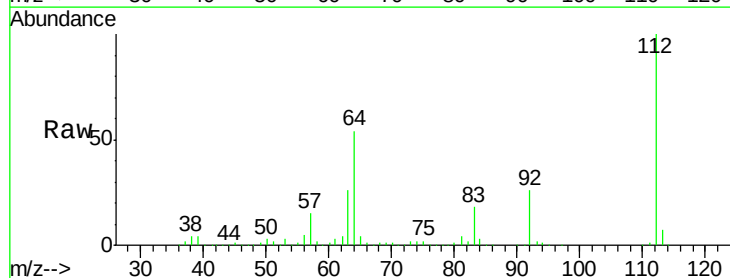
Tgt Ion:112 Resp: 868894

Ion Ratio Lower Upper

112 100

64 53.9 39.8 59.6

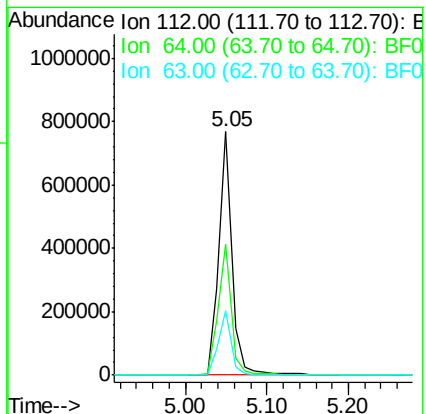
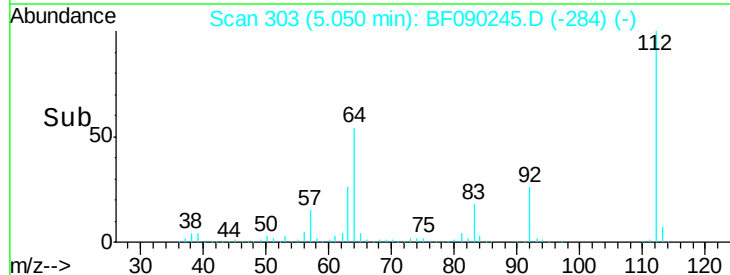
63 26.4 18.9 28.3

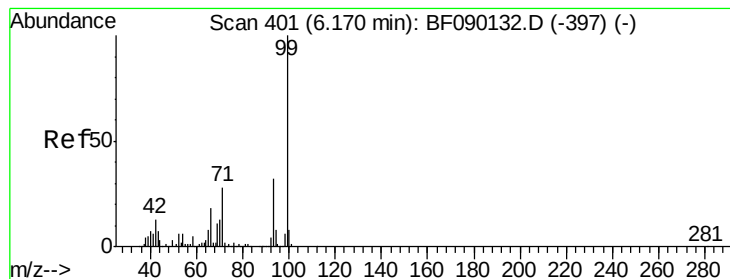


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.65 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-18B

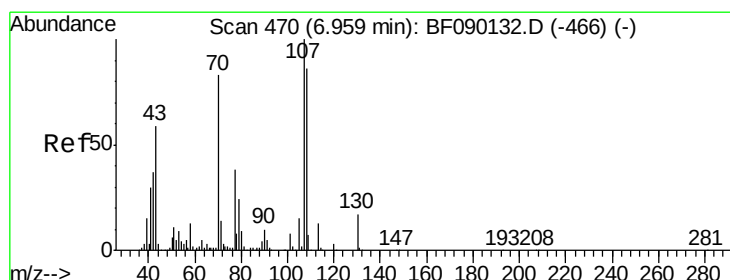
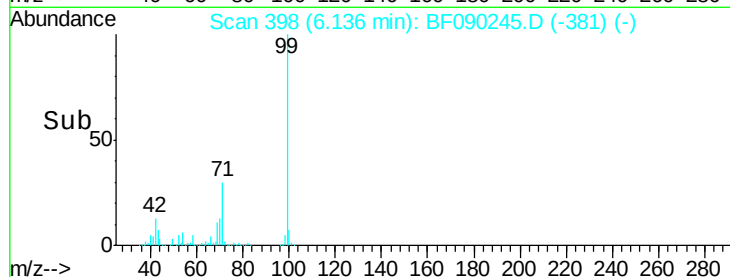
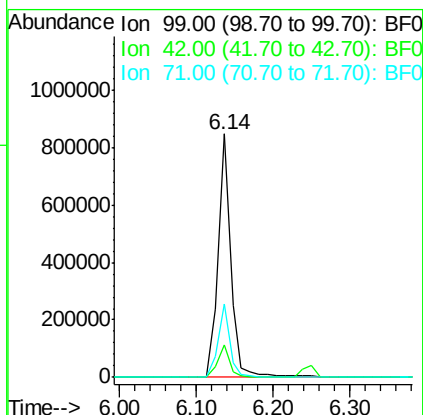
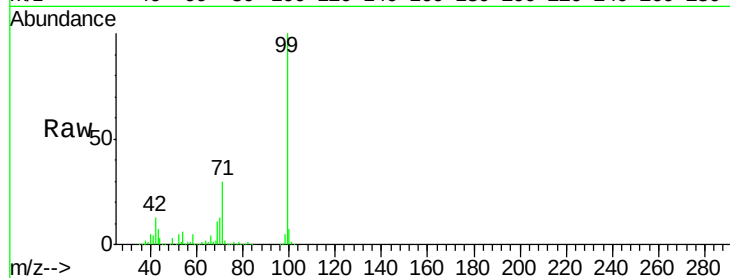
Tgt Ion: 99 Resp: 990930

Ion Ratio Lower Upper

99 100

42 13.3 10.6 15.8

71 30.0 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.05 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Tgt Ion: 70 Resp: 79138

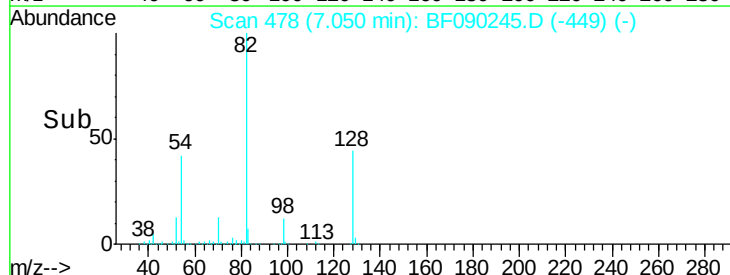
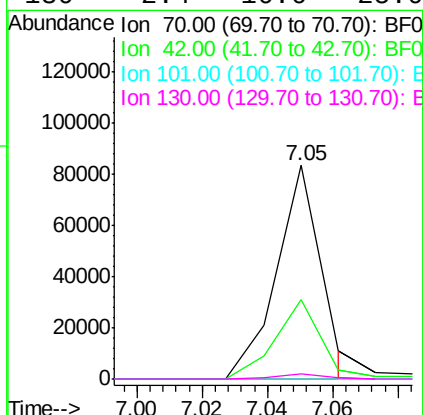
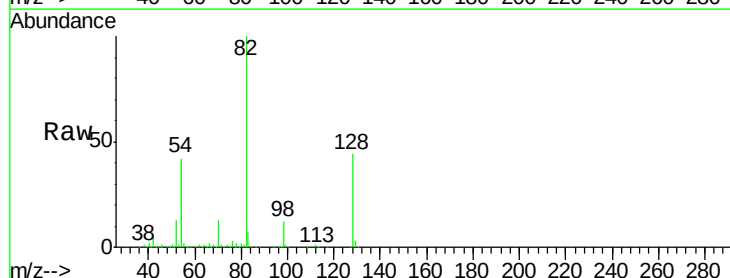
Ion Ratio Lower Upper

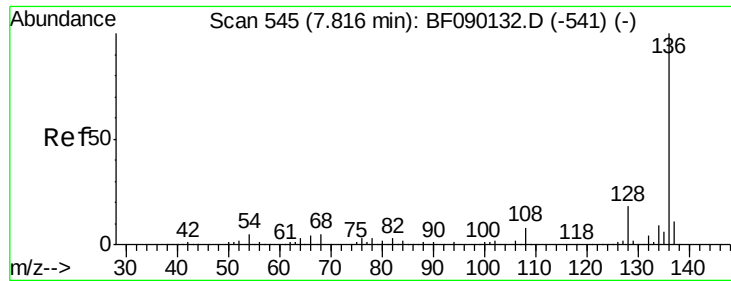
70 100

42 37.4 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

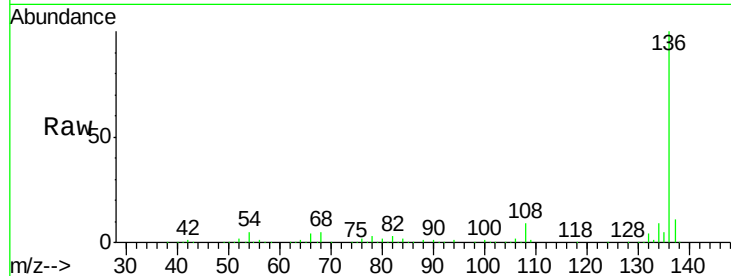




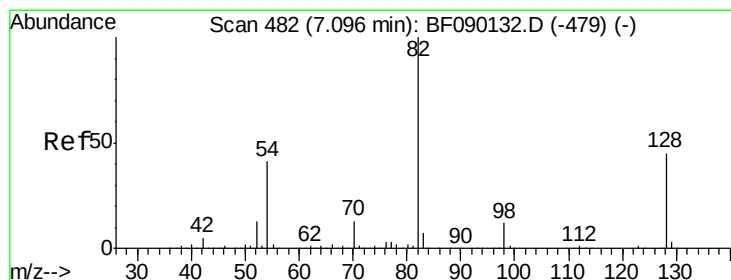
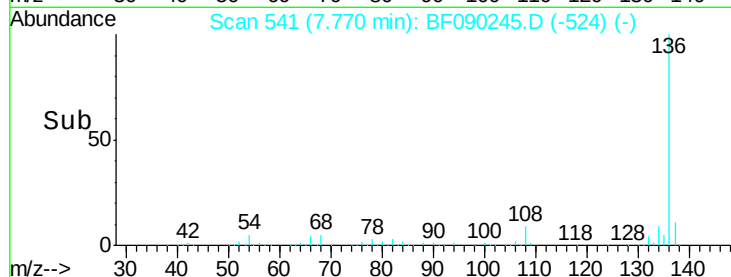
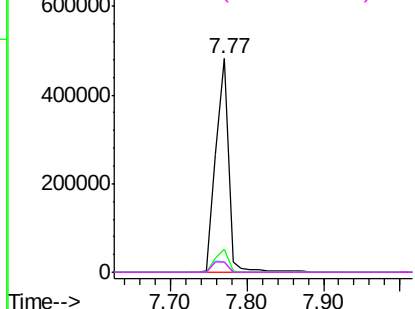
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-18B

Tgt Ion:	136	Resp:	556770
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.0	6.4	9.6#
68	5.1	6.3	9.5#

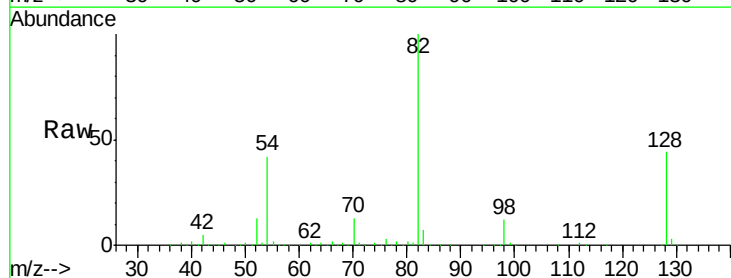


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

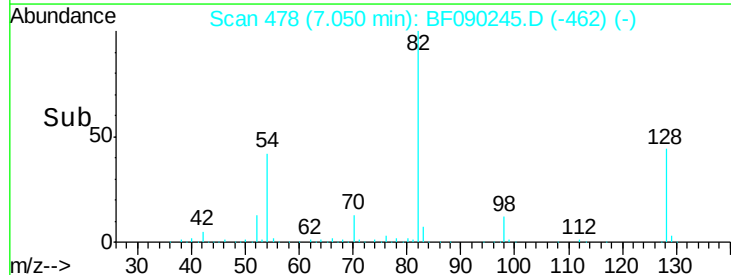
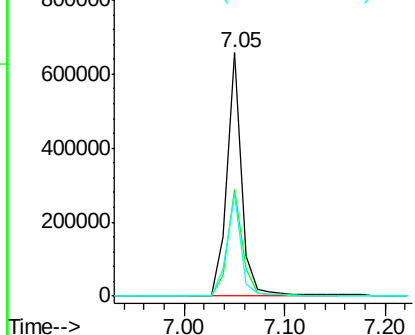


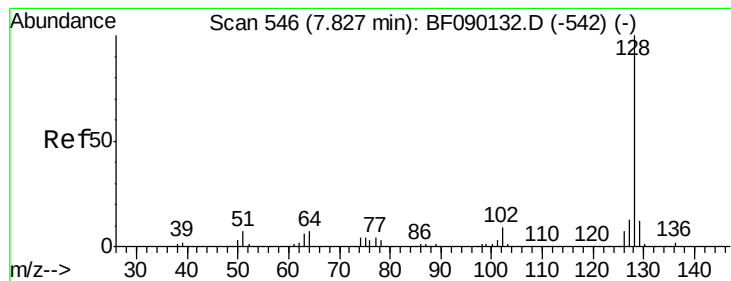
#23
Nitrobenzene-d5
Concen: 70.84 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Tgt Ion:	82	Resp:	680442
Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.5	56.3
54	41.6	31.9	47.9



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





#31

Naphthalene

Concen: 4.37 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-18B

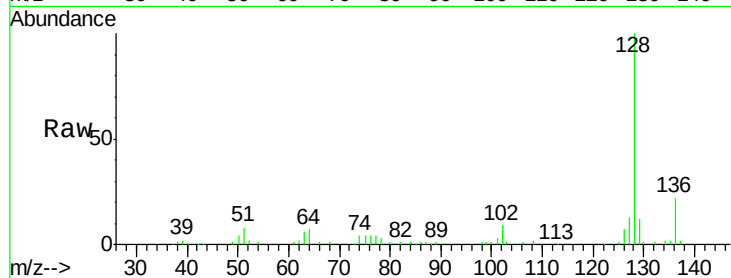
Tgt Ion:128 Resp: 115861

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

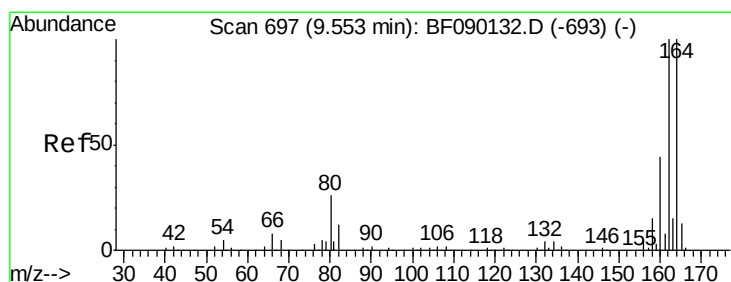
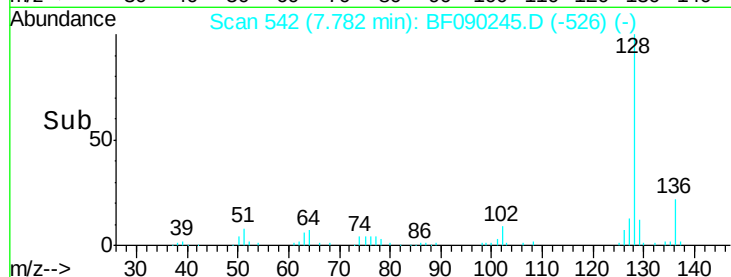
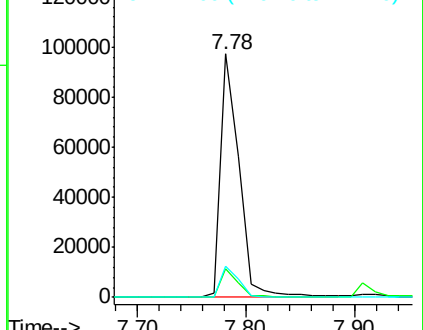
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

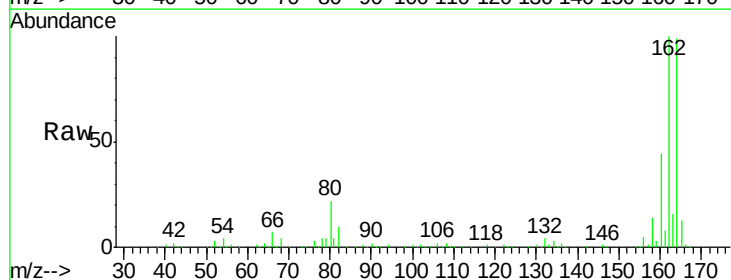
Tgt Ion:164 Resp: 292502

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.2

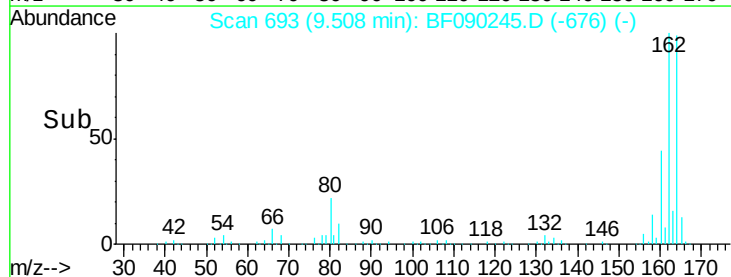
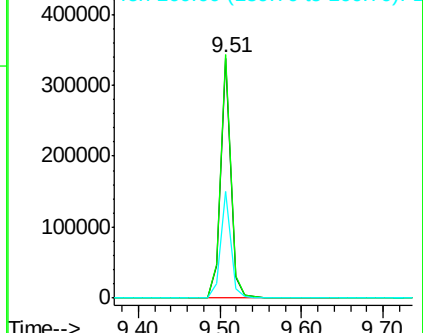
160 44.5 36.6 54.8

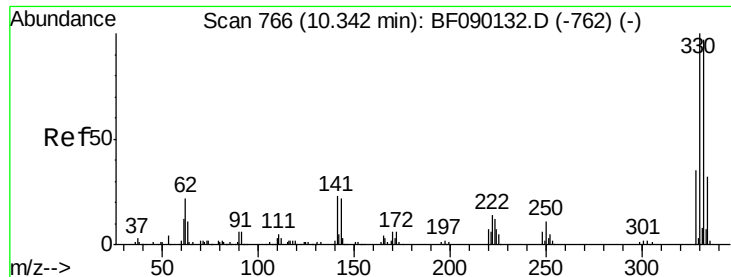


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

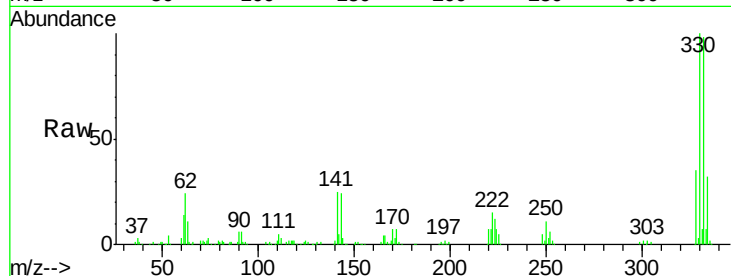




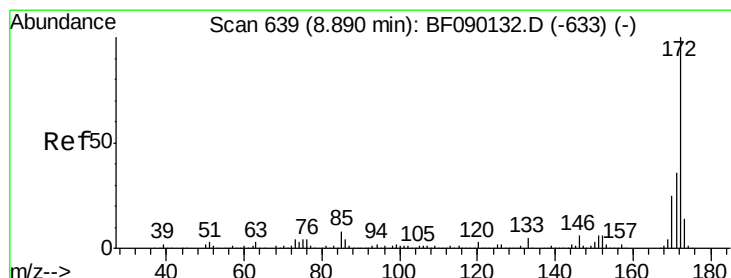
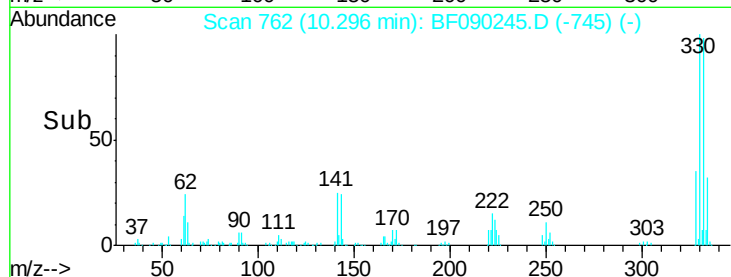
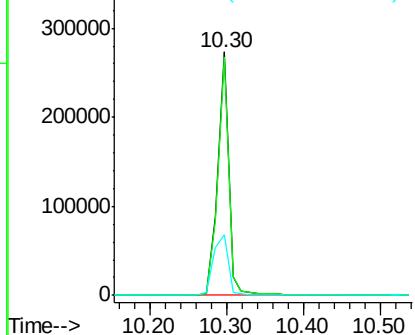
#41
 2,4,6-Tribromophenol
 Concen: 110.31 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090245.D
 Acq: 27 Sep 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-18B

Tgt Ion:330 Resp: 276810
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.1 117.1
 141 33.2 23.9 35.9

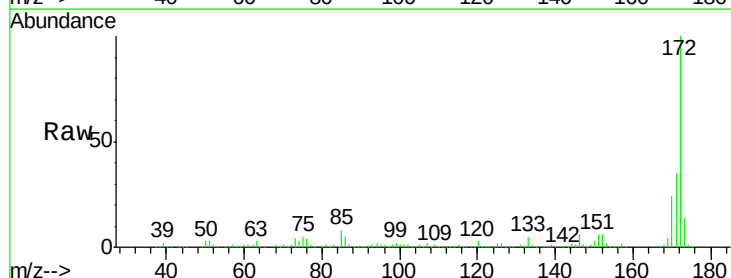


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

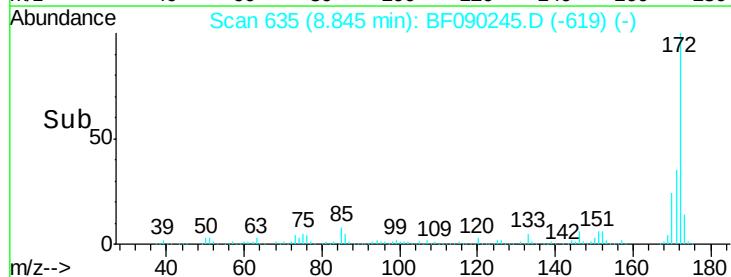
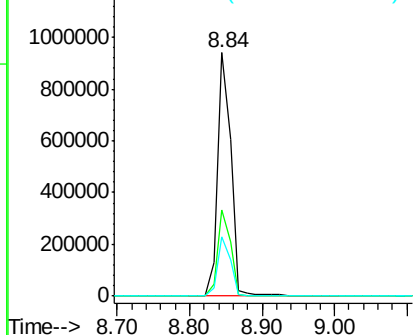


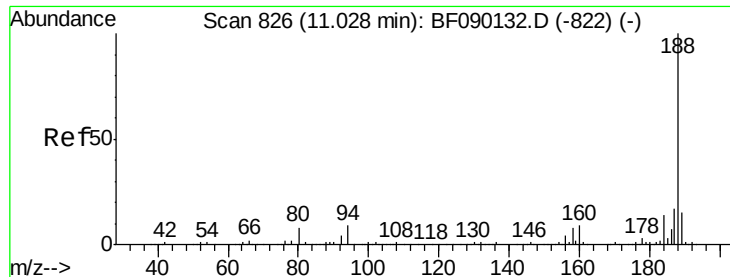
#44
 2-Fluorobiphenyl
 Concen: 80.51 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090245.D
 Acq: 27 Sep 2016 3:57

Tgt Ion:172 Resp: 1199573
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 24.3 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

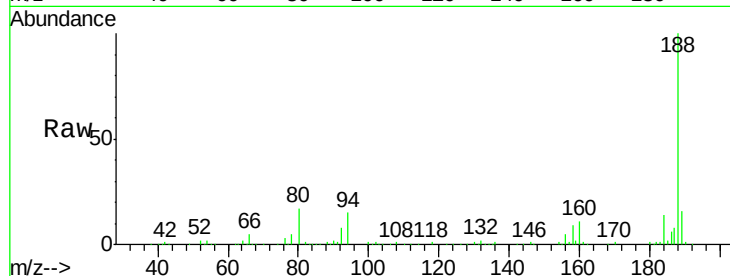




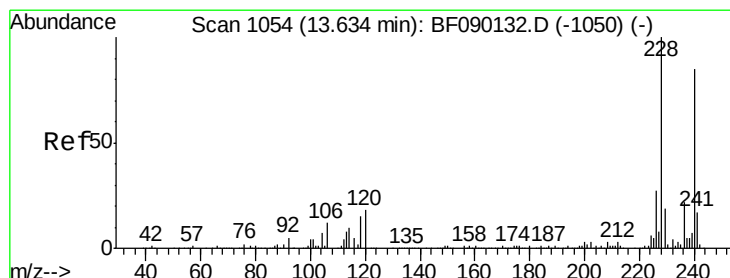
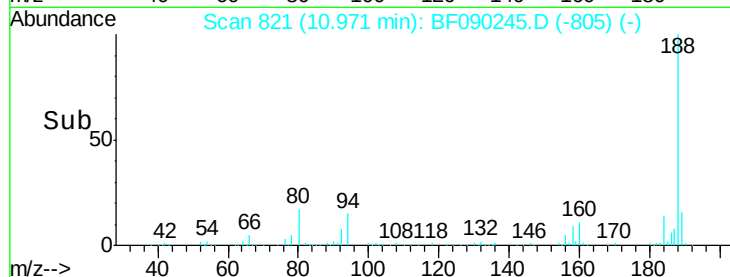
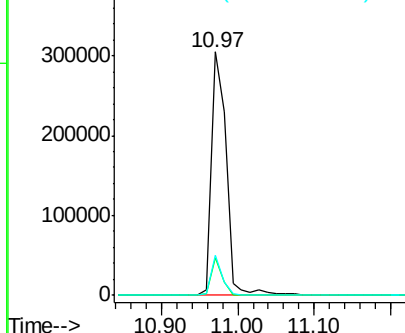
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-18B

Tgt Ion:188 Resp: 403518
Ion Ratio Lower Upper
188 100
94 15.3 10.5 15.7
80 16.6 11.2 16.8

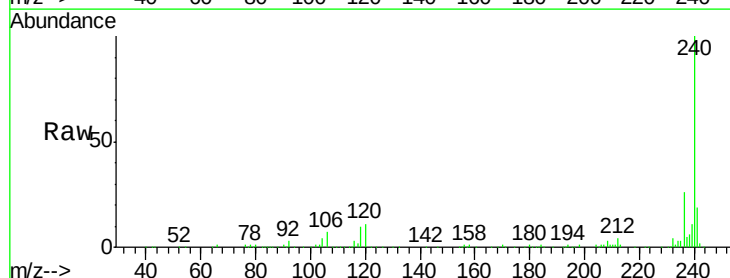


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

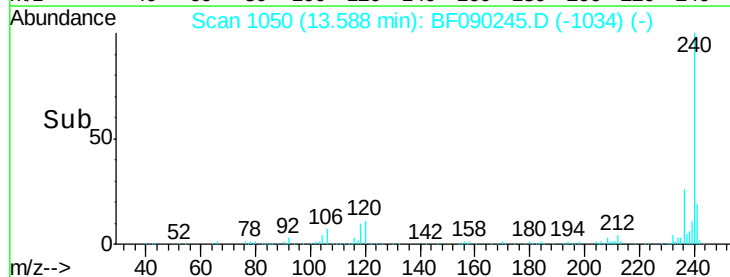
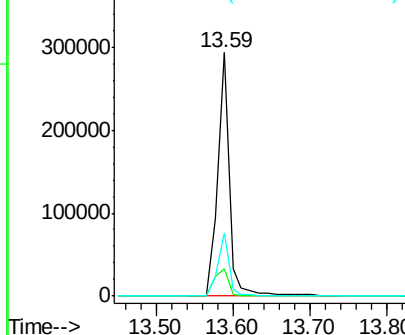


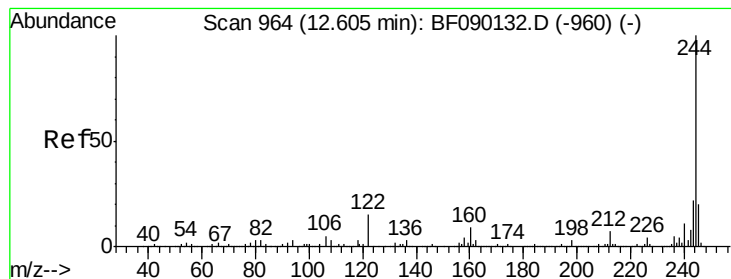
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090245.D
Acq: 27 Sep 2016 3:57

Tgt Ion:240 Resp: 311463
Ion Ratio Lower Upper
240 100
120 11.1 10.6 16.0
236 25.7 21.6 32.4



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: 69.30 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

Instrument :

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TRACK-D-GRID-18B

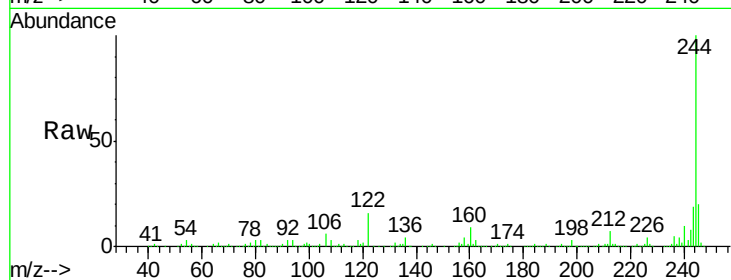
Tgt Ion:244 Resp: 850143

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

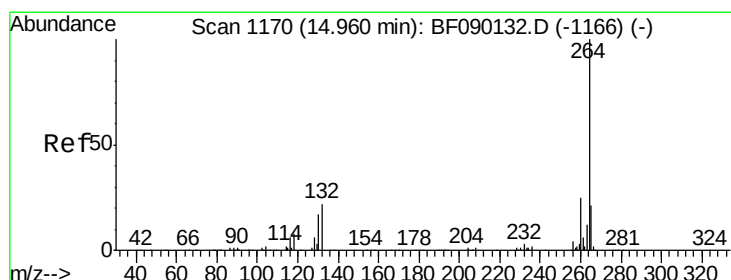
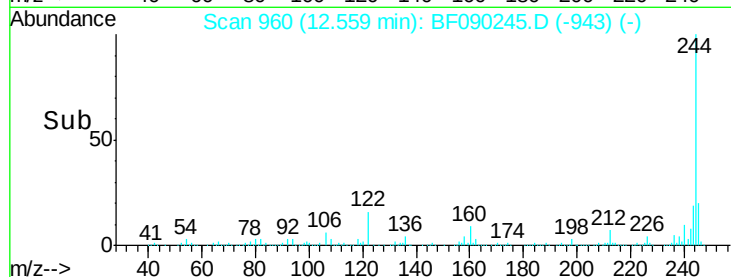
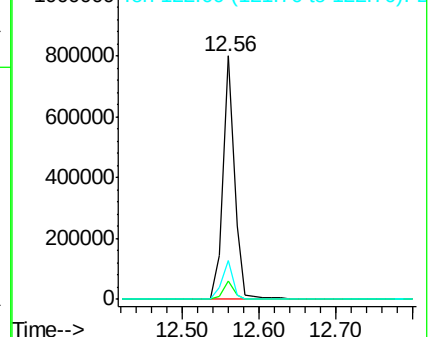
122 16.1 9.4 14.0#



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: 14.91 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF090245.D

Acq: 27 Sep 2016 3:57

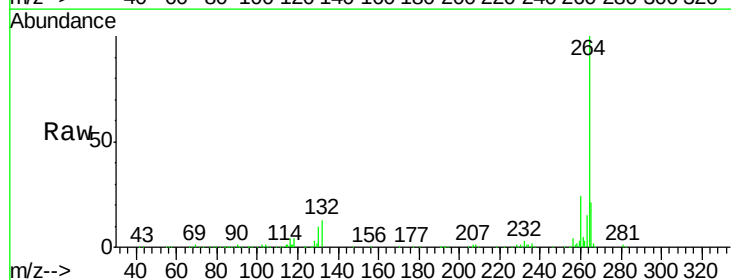
Tgt Ion:264 Resp: 279748

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.4 17.0 25.4



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

