

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090848.D
 Acq On : 26 Oct 2016 19:01
 Operator : UM/SJ
 Sample : PB94315BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Quant Time: Oct 27 01:20:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

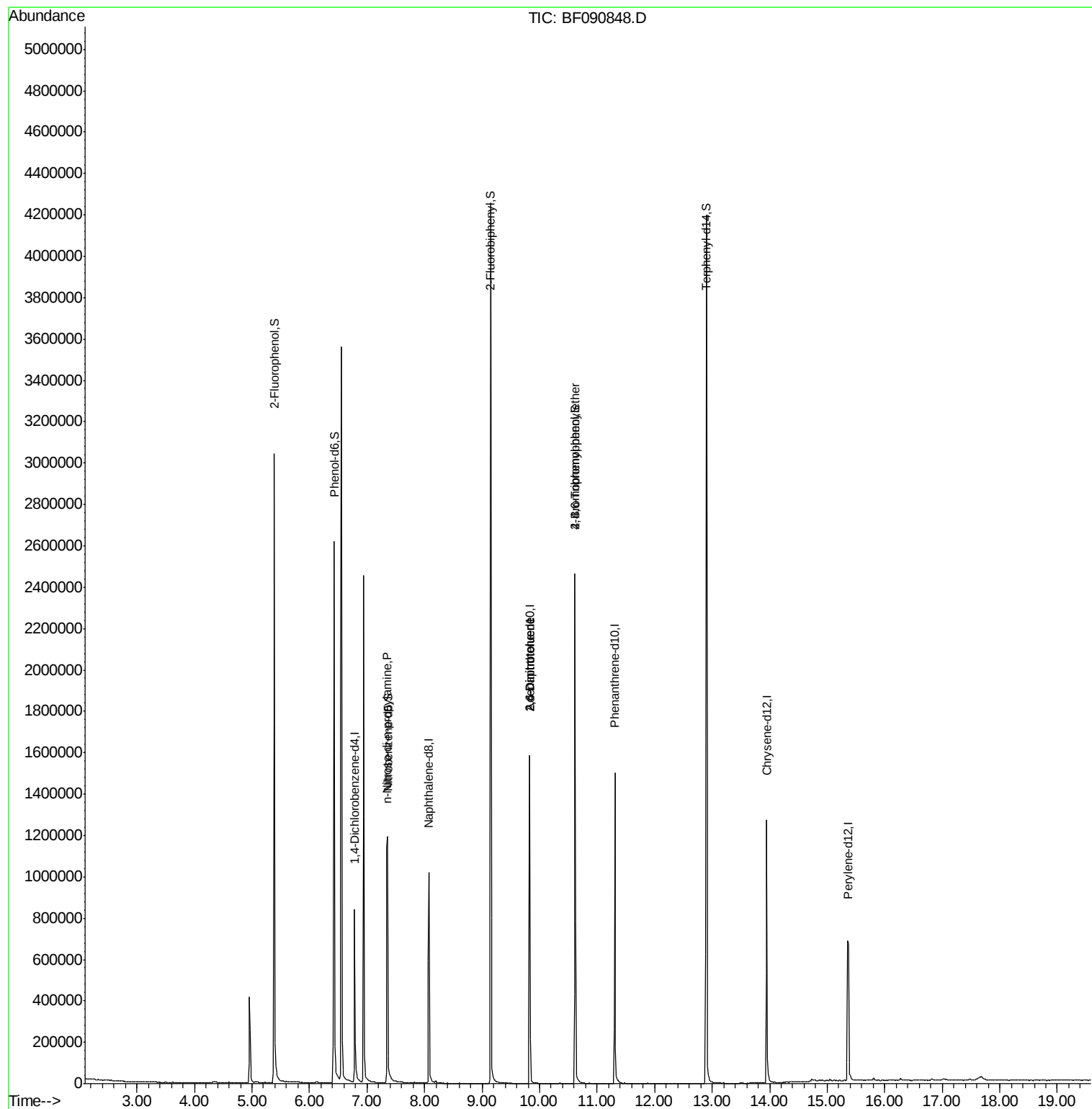
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152724	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	643177	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	340047	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	595012	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	538011	20.00	ng	-0.01
86) Perylene-d12	15.37	264	384502	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1106925	126.72	ng	0.00
7) Phenol-d6	6.43	99	1482986	125.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	725213	73.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	354302	101.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1471191	75.97	ng	-0.02
78) Terphenyl-d14	12.90	244	1590230	74.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	90215	13.24	ng	# 52
50) 2,6-Dinitrotoluene	9.82	165	44498	8.87	ng	# 38
56) 2,4-Dinitrotoluene	9.82	165	44723	7.18	ng	# 33
66) 4-Bromophenyl-phenylether	10.61	248	22351	3.43	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB94315BL

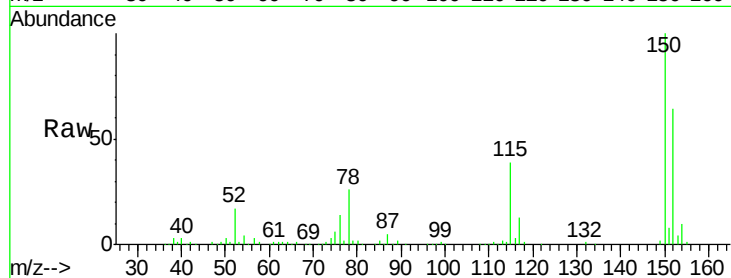
Tgt Ion:152 Resp: 152724

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

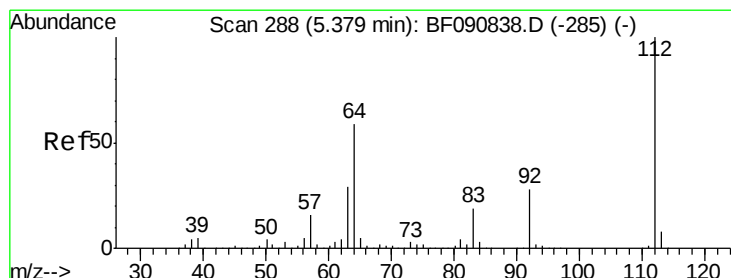
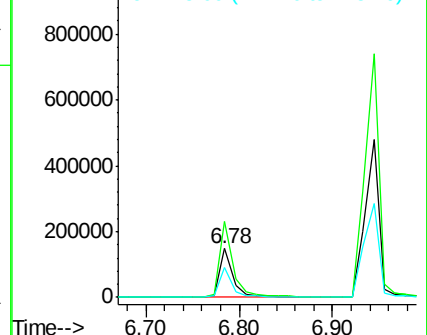
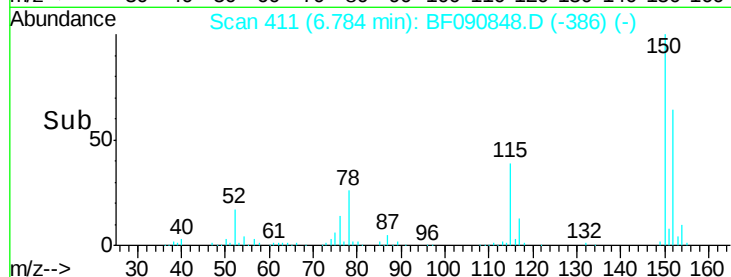
115 61.0 39.0 58.4#



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: 126.72 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

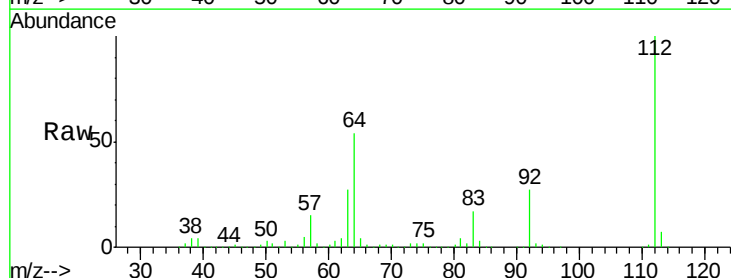
Tgt Ion:112 Resp: 1106925

Ion Ratio Lower Upper

112 100

64 53.9 39.7 59.5

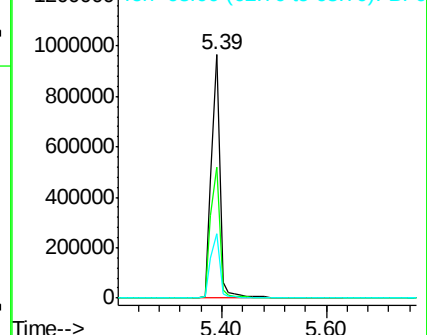
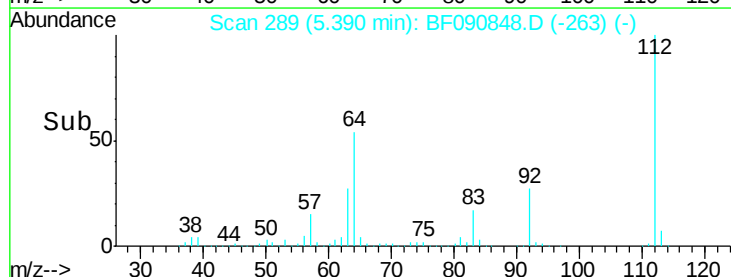
63 26.5 17.4 26.0#

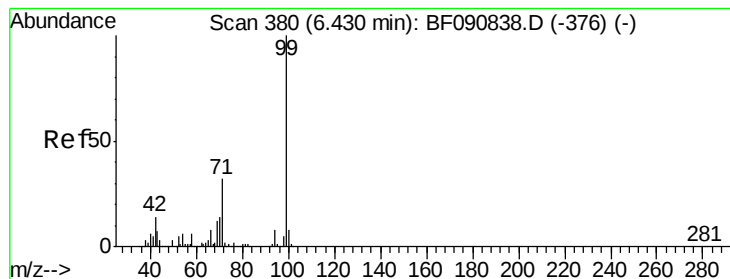


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.84 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB94315BL

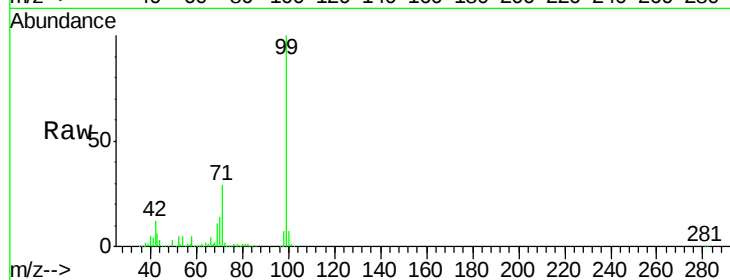
Tgt Ion: 99 Resp: 1482986

Ion Ratio Lower Upper

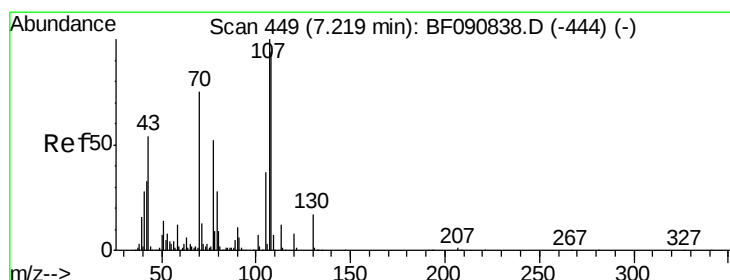
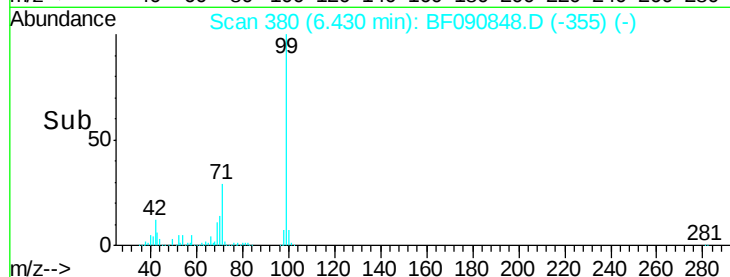
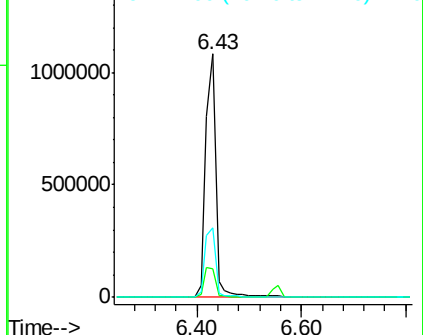
99 100

42 12.0 13.7 20.5#

71 28.7 14.2 21.2#



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: 13.24 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

Tgt Ion: 70 Resp: 90215

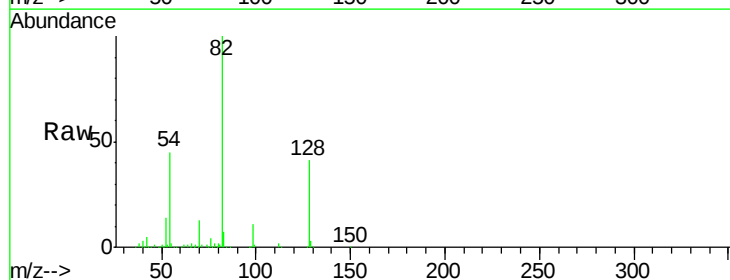
Ion Ratio Lower Upper

70 100

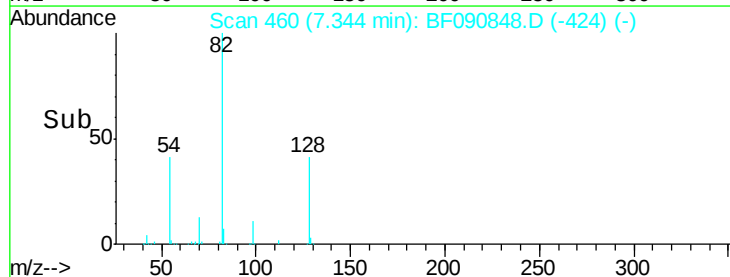
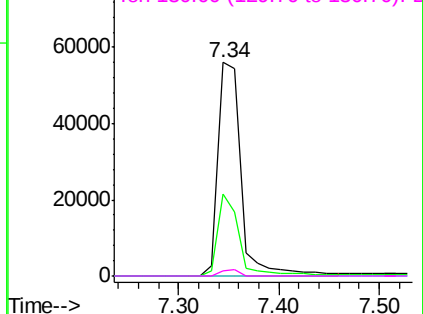
42 38.6 63.8 95.6#

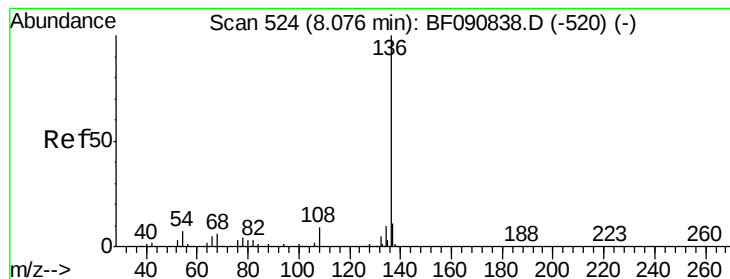
101 0.0 9.2 13.8#

130 2.2 27.3 40.9#



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB94315BL

Tgt Ion: 136 Resp: 643177

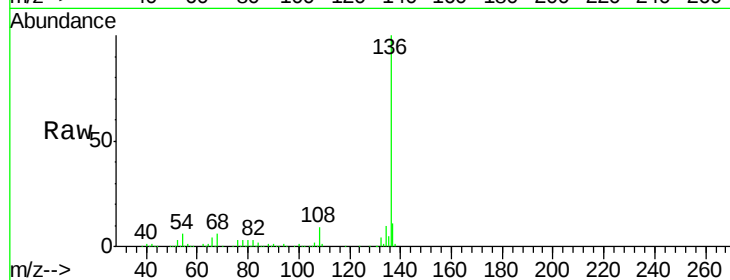
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.0 8.2 12.2#

68 5.8 5.8 8.6

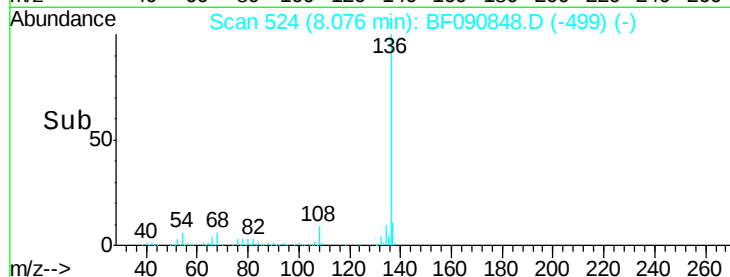


Abundance Ion 136.00 (135.70 to 136.70): E

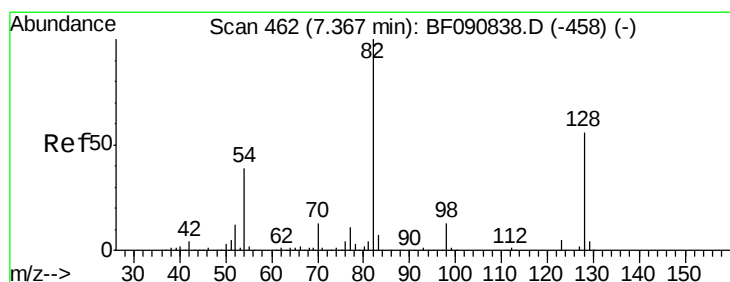
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 73.81 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

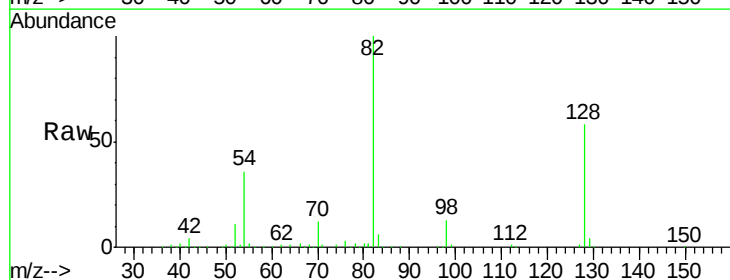
Tgt Ion: 82 Resp: 725213

Ion Ratio Lower Upper

82 100

128 57.8 51.0 76.6

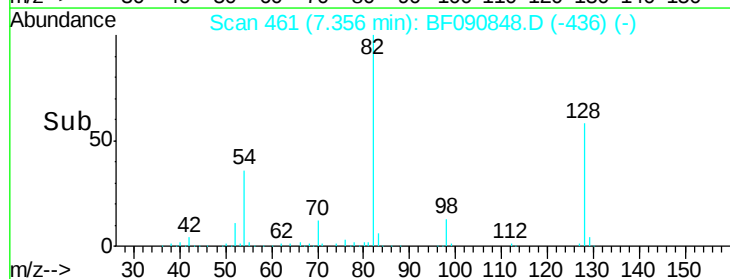
54 36.2 47.5 71.3#



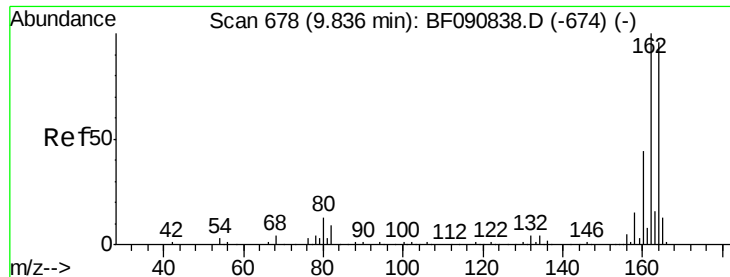
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



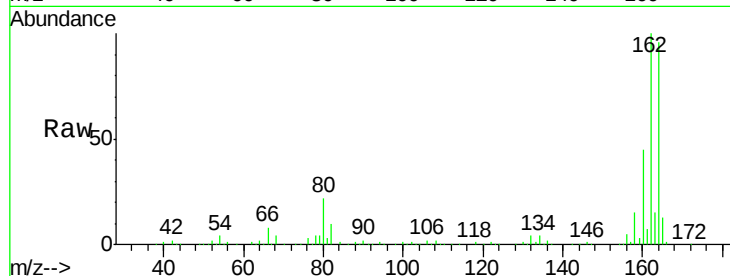
Time-->



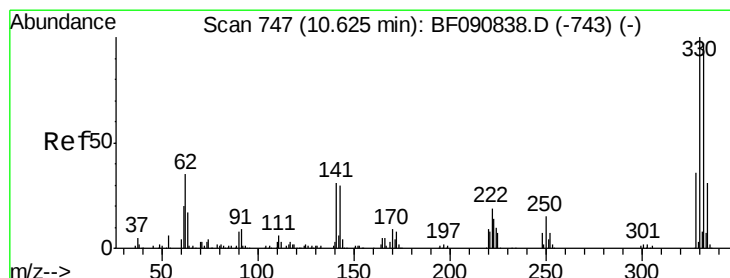
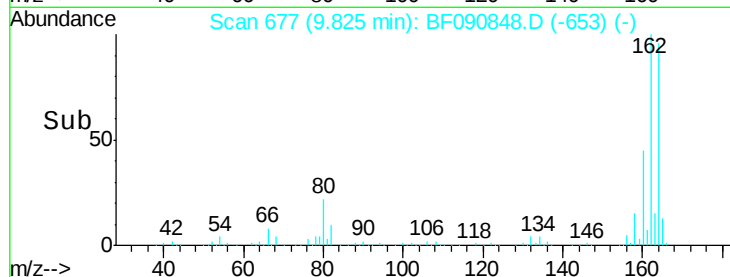
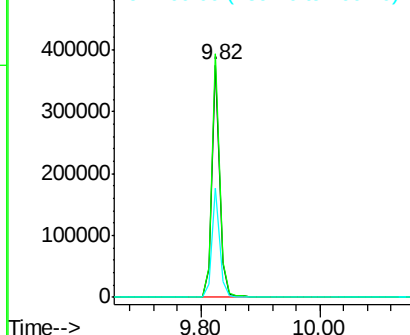
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF090848.D
Acq: 26 Oct 2016 19:01

Instrument :
BNA_F
ClientSampleId :
PB94315BL

Tgt Ion:164 Resp: 340047
Ion Ratio Lower Upper
164 100
162 104.6 75.2 112.8
160 46.7 31.5 47.3

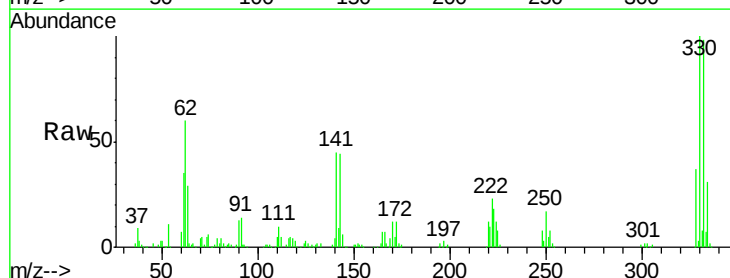


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

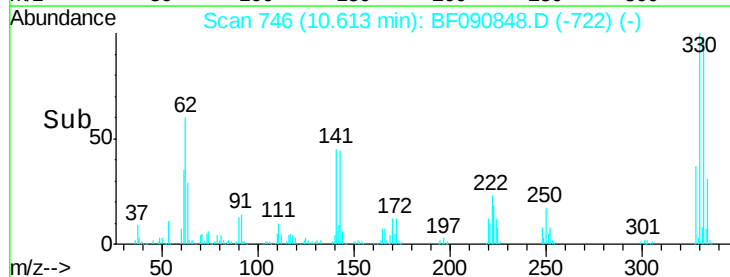
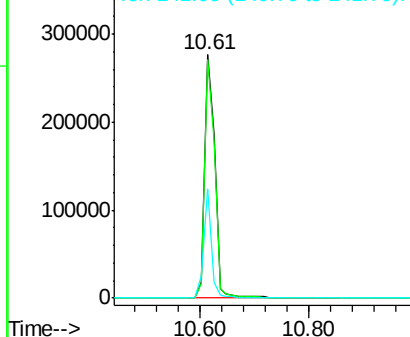


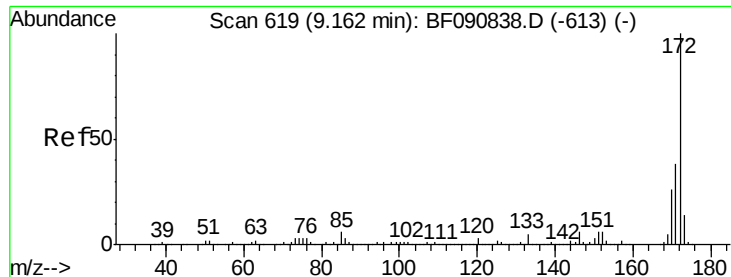
#41
2,4,6-Tribromophenol
Concen: 101.39 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF090848.D
Acq: 26 Oct 2016 19:01

Tgt Ion:330 Resp: 354302
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 35.0 29.7 44.5



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

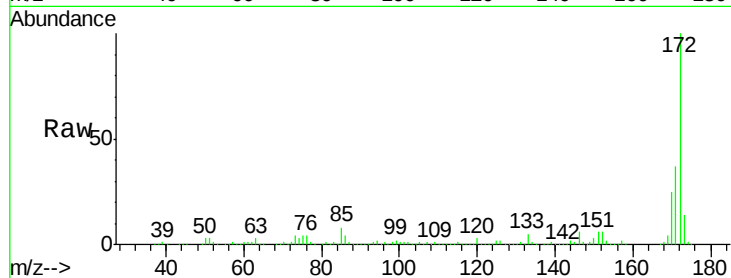




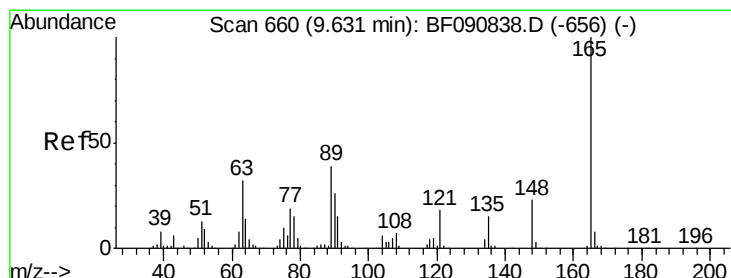
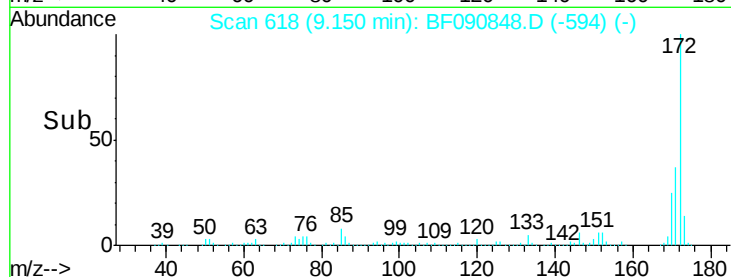
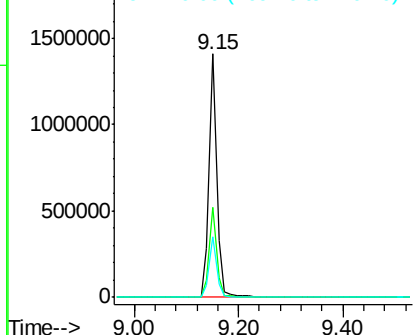
#44
 2-Fluorobiphenyl
 Concen: 75.97 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Tgt Ion:172 Resp: 1471191
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.8 17.4 26.2

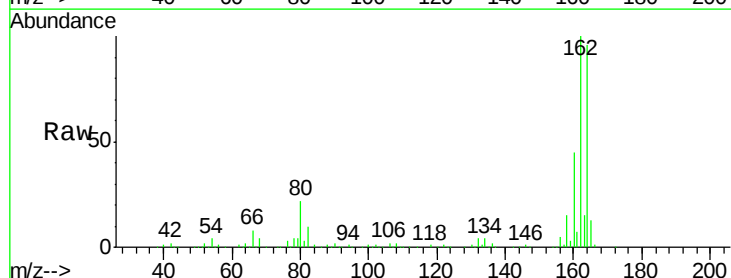


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

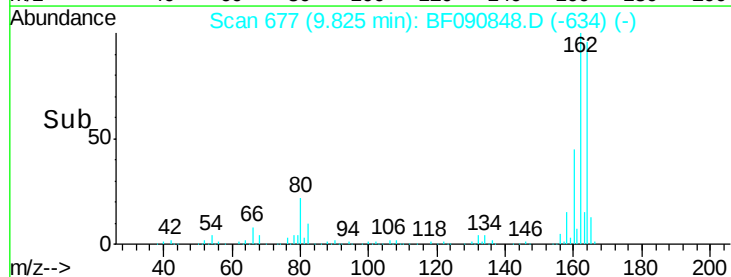
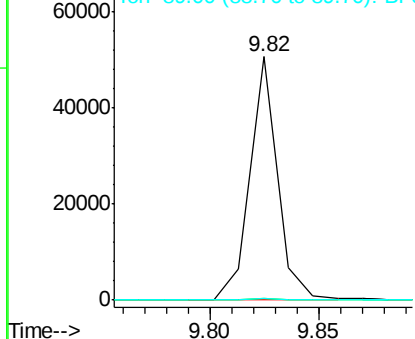


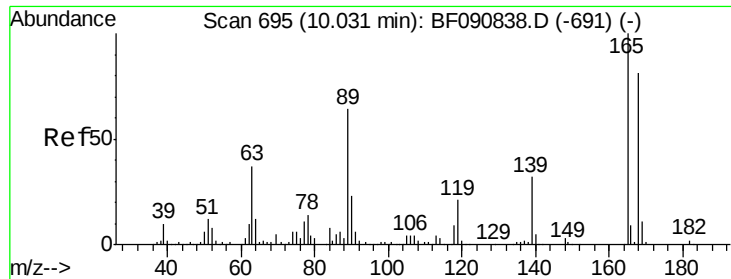
#50
 2,6-Dinitrotoluene
 Concen: 8.87 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Tgt Ion:165 Resp: 44498
 Ion Ratio Lower Upper
 165 100
 63 0.8 32.3 48.5#
 89 0.9 28.6 43.0#



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

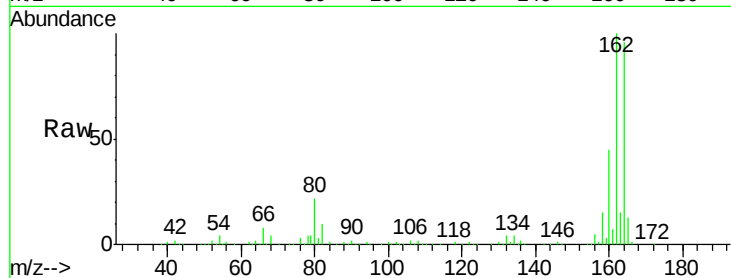




#56
 2,4-Dinitrotoluene
 Concen: 7.18 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

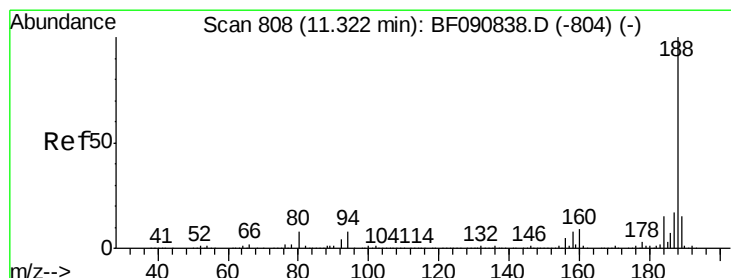
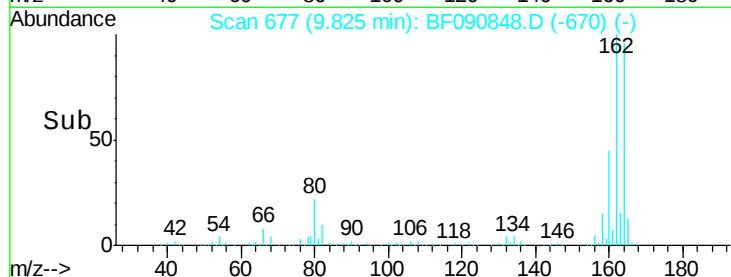
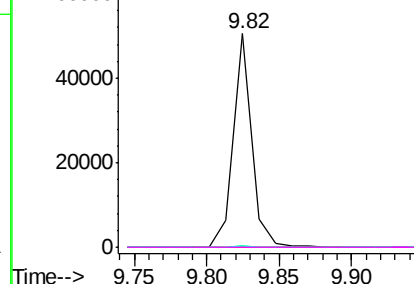


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

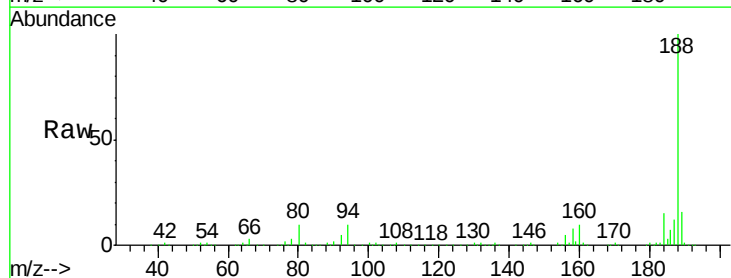
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

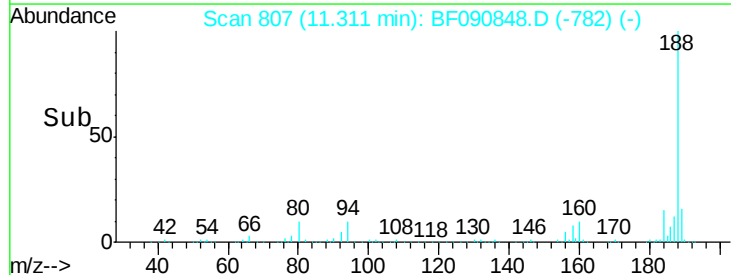
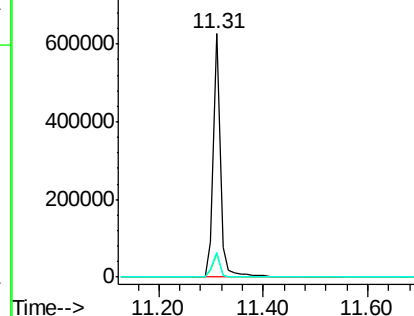
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	11.1	16.7#
80	10.3	11.0	16.4#

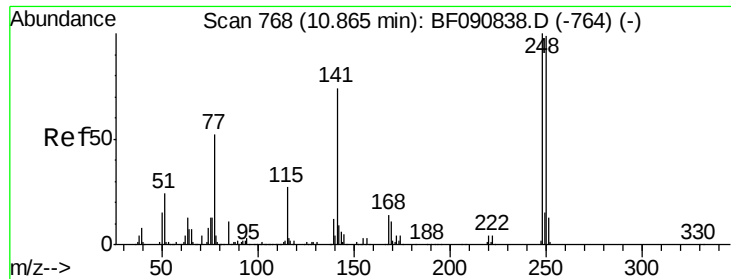


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

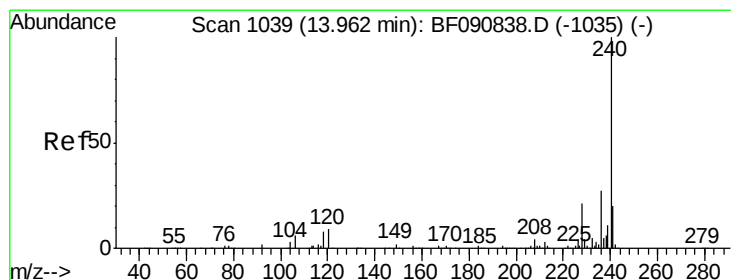
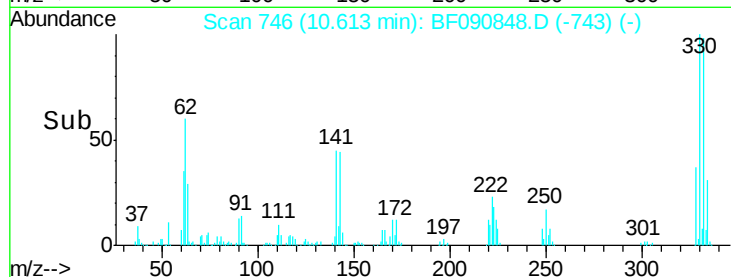
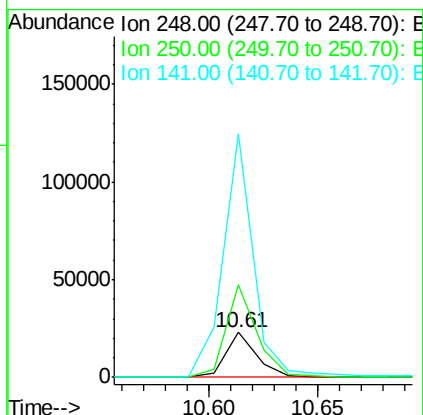
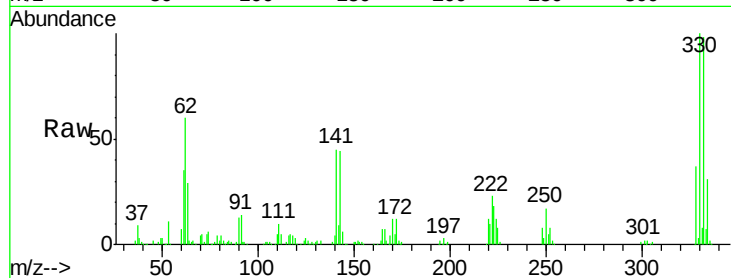




#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.26 min
Lab File: BF090848.D
Acq: 26 Oct 2016 19:01

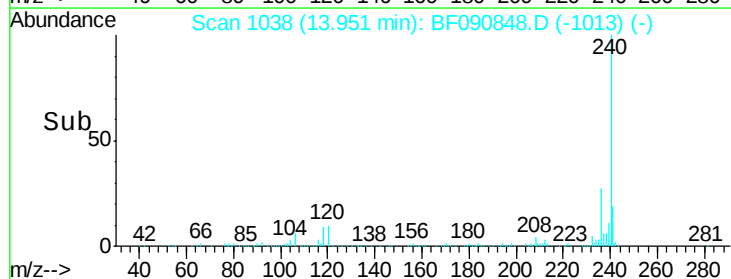
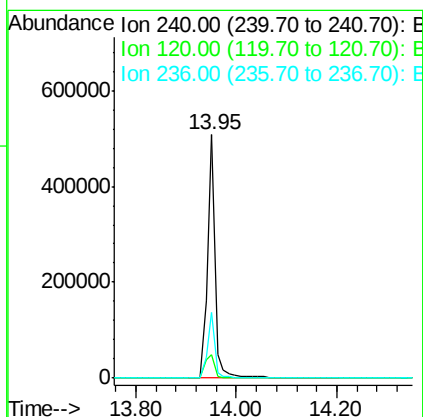
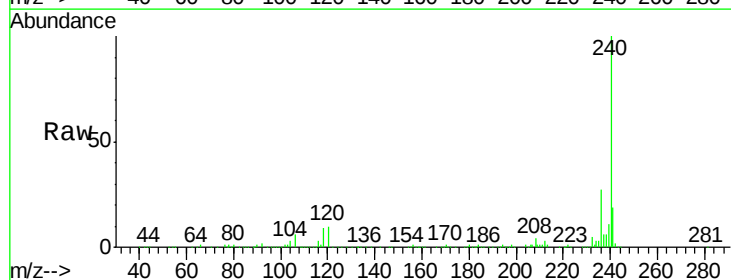
Instrument :
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PB94315BL

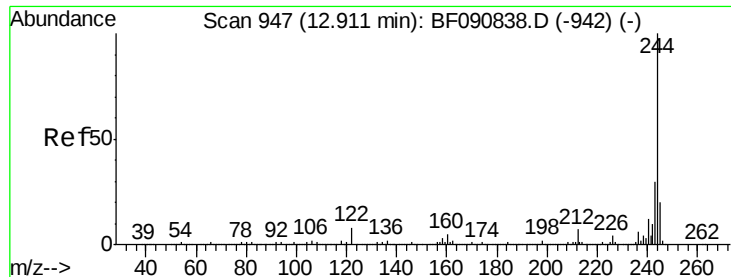
Tgt Ion:248 Resp: 22351
Ion Ratio Lower Upper
248 100
250 205.2 78.5 117.7#
141 542.7 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090848.D
Acq: 26 Oct 2016 19:01

Tgt Ion:240 Resp: 538011
Ion Ratio Lower Upper
240 100
120 9.5 16.2 24.2#
236 26.9 18.4 27.6





#78

Terphenyl-d14

Concen: 74.47 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB94315BL

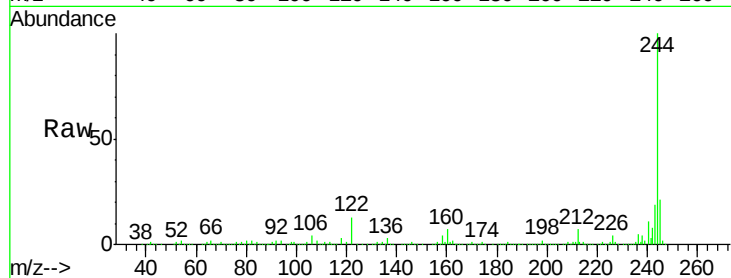
Tgt Ion:244 Resp: 1590230

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

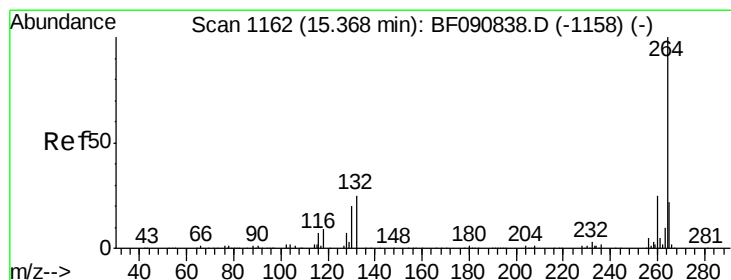
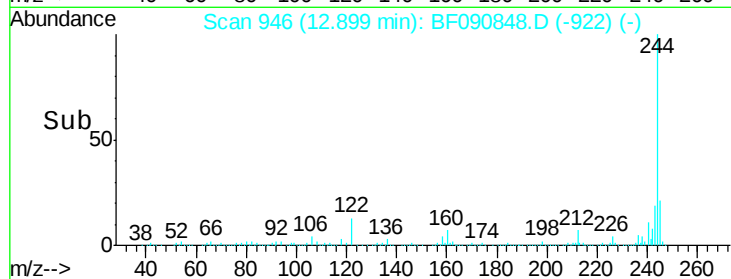
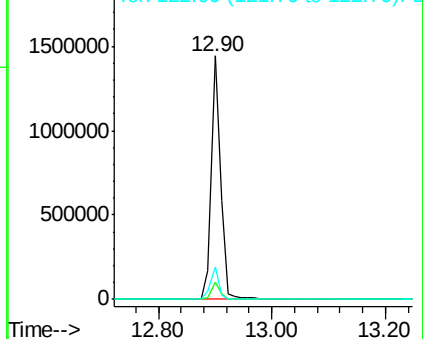
122 13.1 17.4 26.2#



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

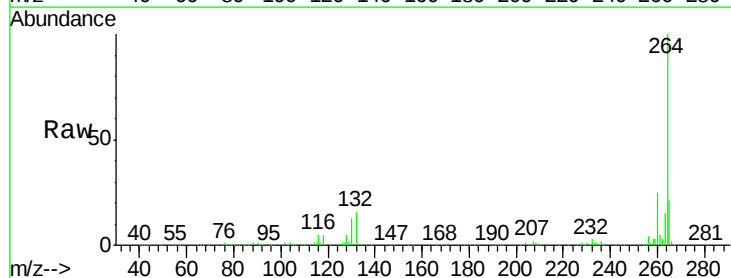
Tgt Ion:264 Resp: 384502

Ion Ratio Lower Upper

264 100

260 24.8 16.7 25.1

265 21.2 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

