

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
 Data File : BF090682.D
 Acq On : 20 Oct 2016 15:15
 Operator : UM/SJ
 Sample : H5315-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-NORTH

Quant Time: Oct 20 18:00:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

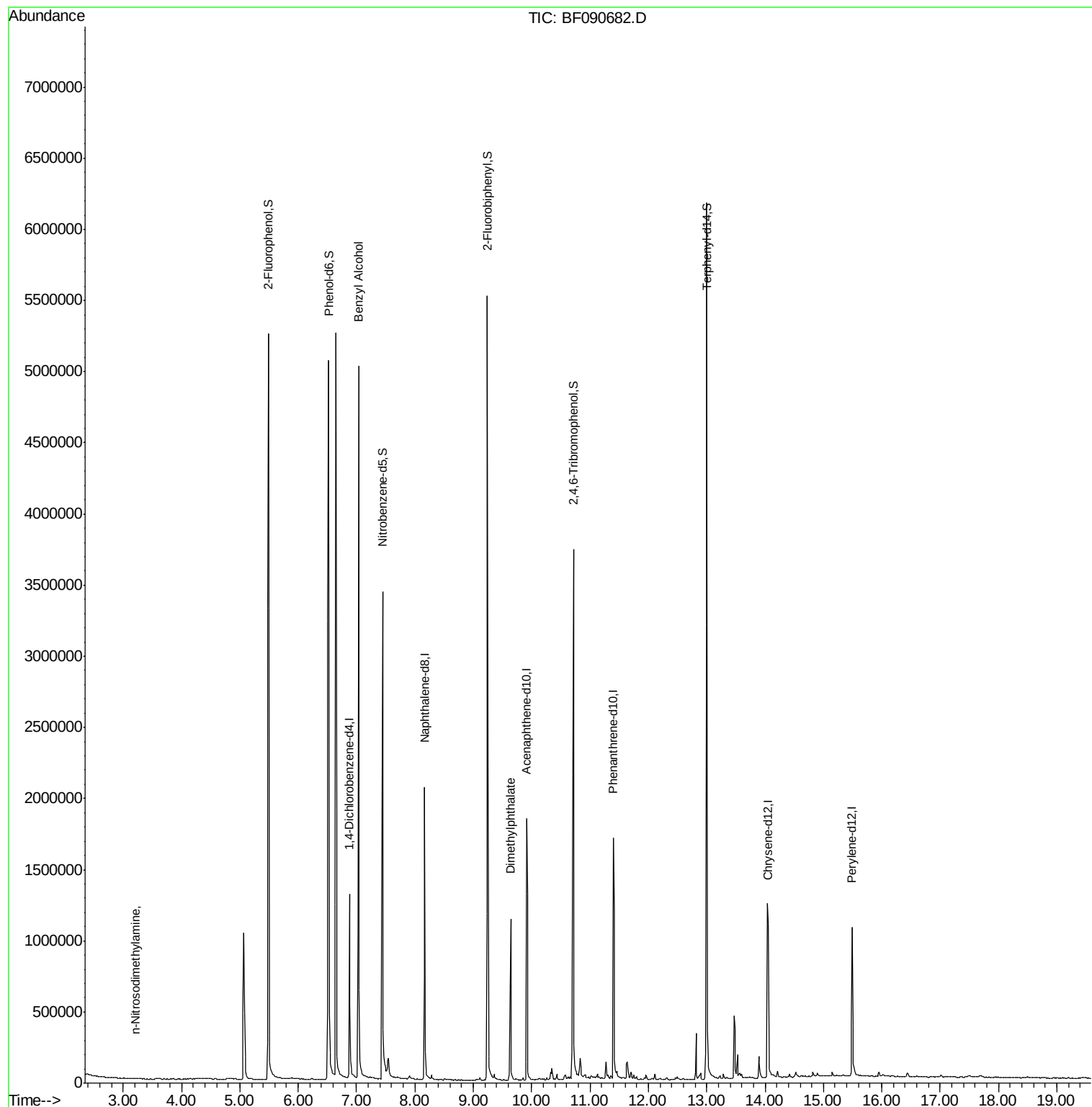
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	222569	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1039189	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	516163	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	830606	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	620624	20.00	ng	-0.01
86) Perylene-d12	15.49	264	454411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1802720	148.49	ng	0.00
7) Phenol-d6	6.52	99	2378324	131.84	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1562943	83.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	542672	117.93	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	2106184	67.23	ng	-0.02
78) Terphenyl-d14	13.00	244	2244326	84.20	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.21	42	308	7.22	ng	# 1
15) Benzyl Alcohol	7.03	79	25028	2.04	ng	# 47
49) Dimethylphthalate	9.64	163	572976	17.11	ng	98

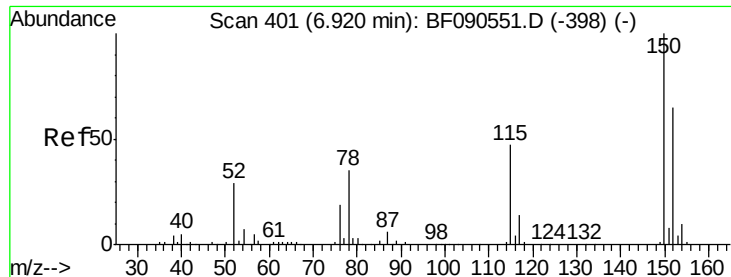
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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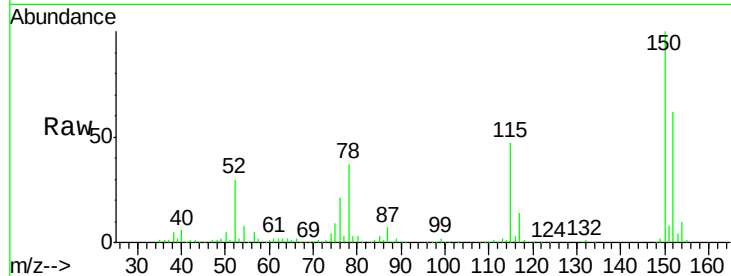


#1

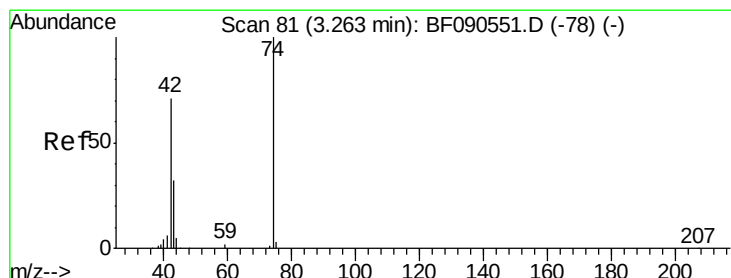
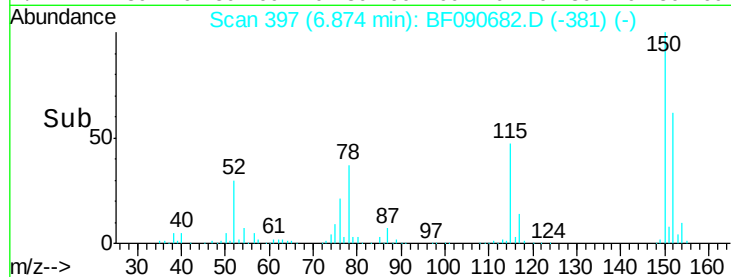
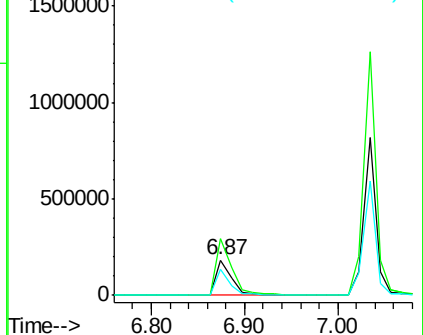
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090682.D
Acq: 20 Oct 2016 15:15

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-NORTH

Tgt Ion: 152 Resp: 222569
Ion Ratio Lower Upper
152 100
150 160.4 127.2 190.8
115 74.9 58.6 88.0



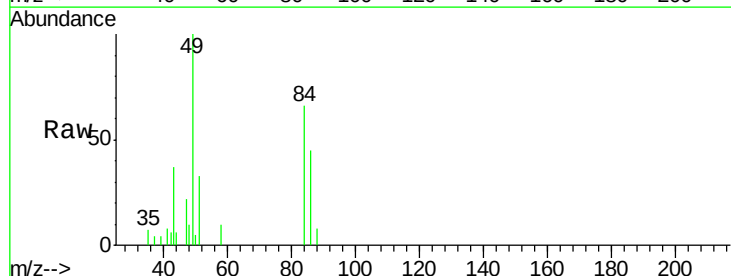
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



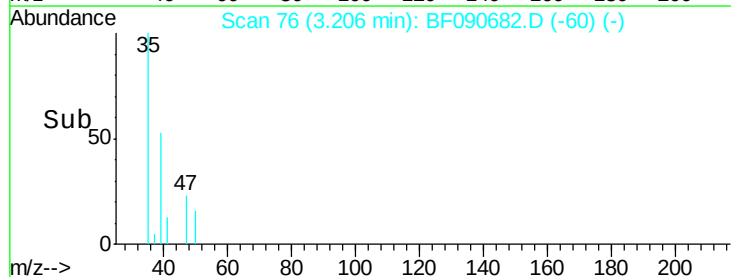
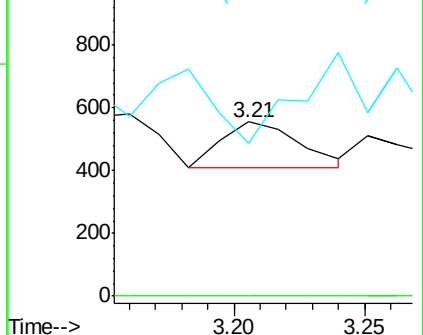
#4

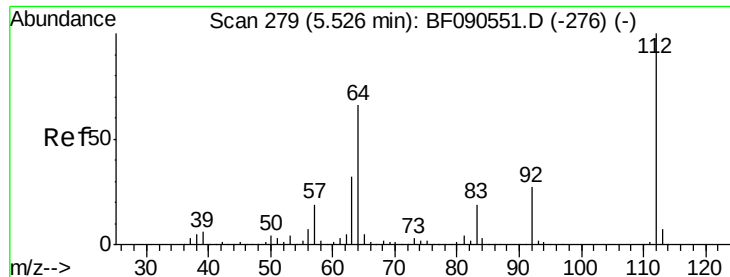
n-Nitrosodimethylamine
Concen: 7.22 ng
RT: 3.21 min Scan# 76
Delta R.T. -0.01 min
Lab File: BF090682.D
Acq: 20 Oct 2016 15:15

Tgt Ion: 42 Resp: 308
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 87.4 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 148.49 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090682.D

Acq: 20 Oct 2016 15:15

Instrument :

BNA_F

ClientSampleId :

FO-TANK-SIDEWALL-NORTH

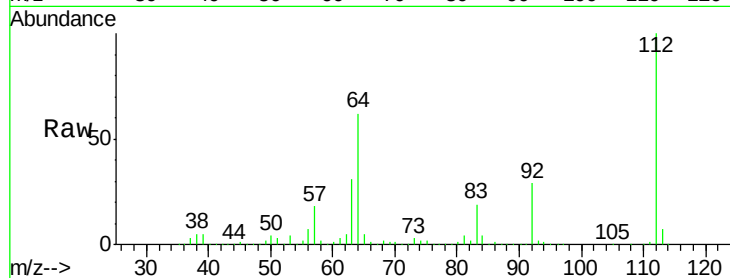
Tgt Ion:112 Resp: 1802720

Ion Ratio Lower Upper

112 100

64 62.1 52.6 78.8

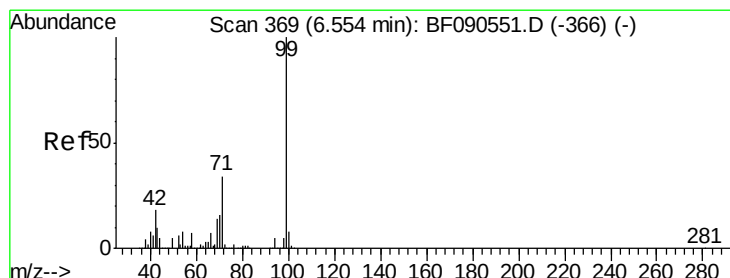
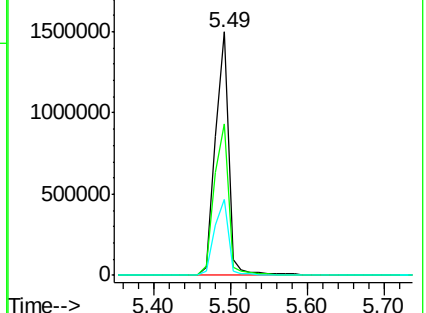
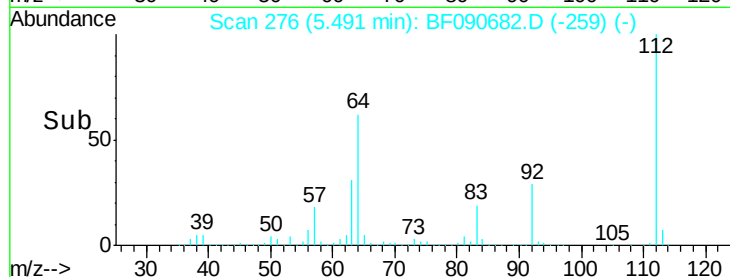
63 31.0 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 131.84 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090682.D

Acq: 20 Oct 2016 15:15

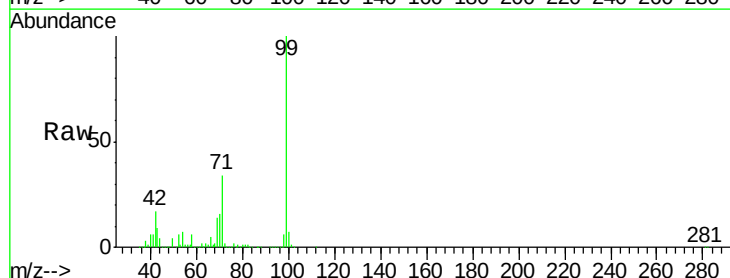
Tgt Ion: 99 Resp: 2378324

Ion Ratio Lower Upper

99 100

42 16.5 14.7 22.1

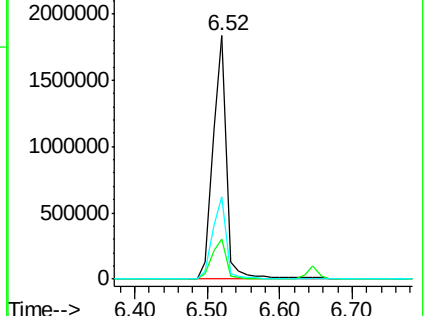
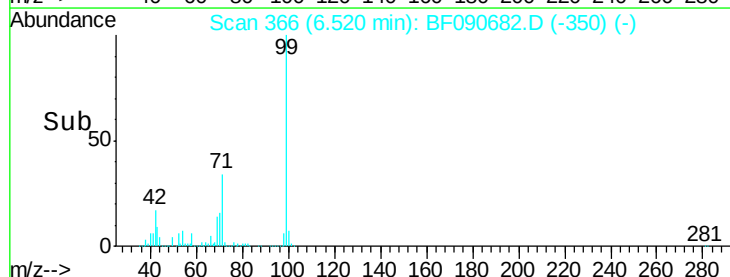
71 34.0 27.6 41.4

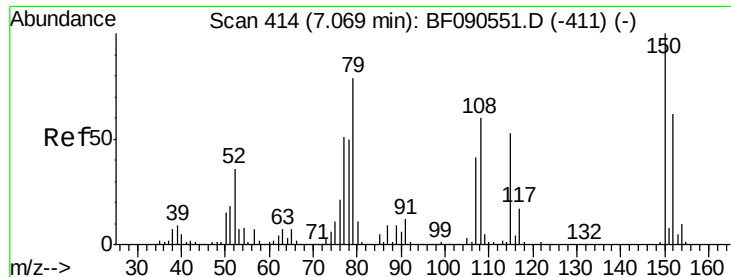


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.03 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF090682.D

Acq: 20 Oct 2016 15:15

Instrument :

BNA_F

ClientSampleId :

FO-TANK-SIDEWALL-NORTH

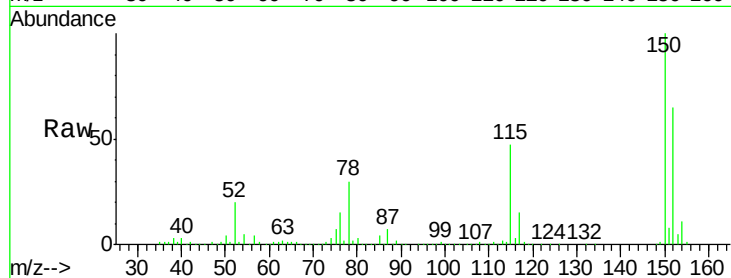
Tgt Ion: 79 Resp: 25028

Ion Ratio Lower Upper

79 100

108 28.2 60.2 90.4#

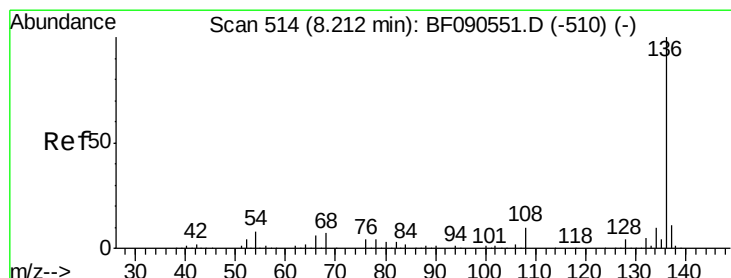
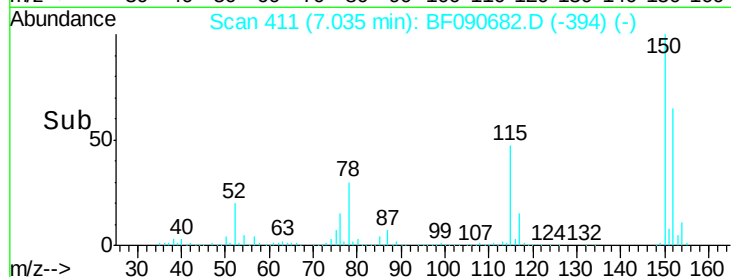
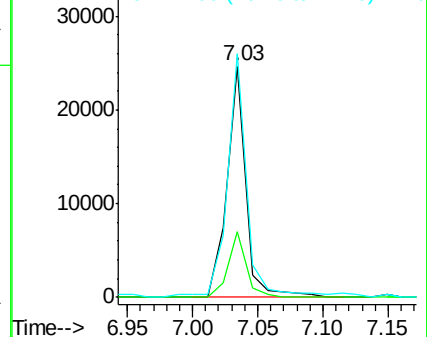
77 105.3 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090682.D

Acq: 20 Oct 2016 15:15

Tgt Ion: 136 Resp: 1039189

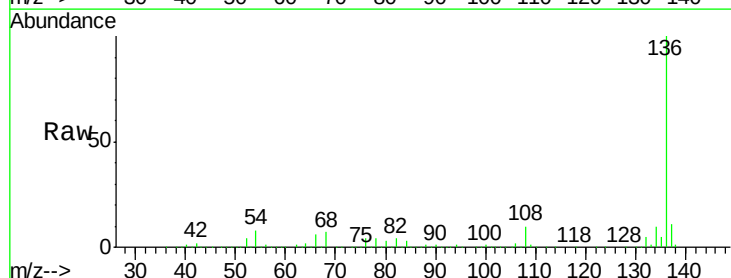
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.3 6.8 10.2

68 7.0 6.0 9.0

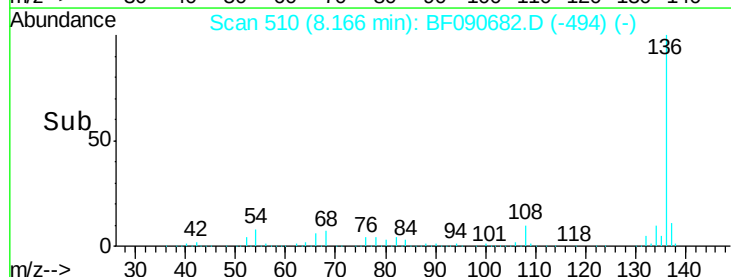
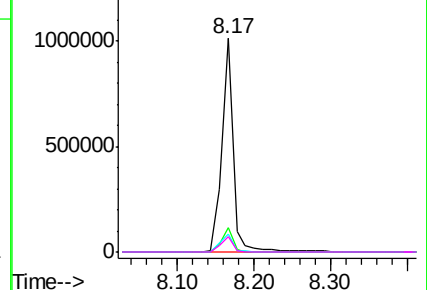


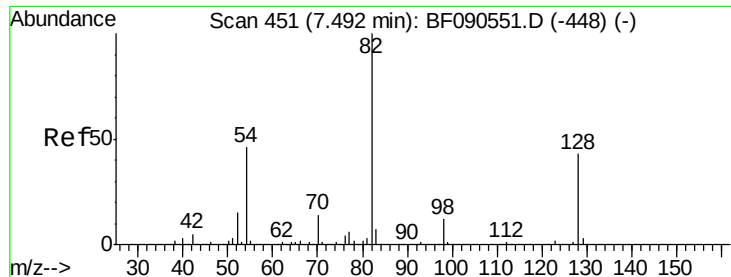
Abundance Ion 136.00 (135.70 to 136.70): E

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

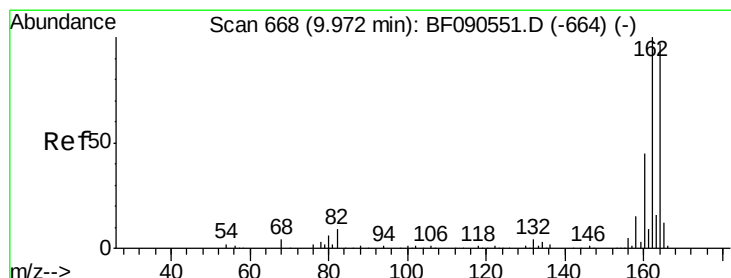
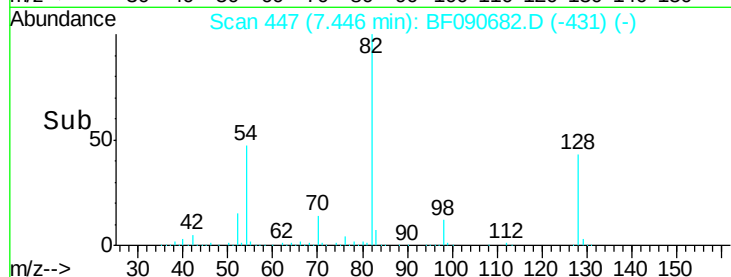
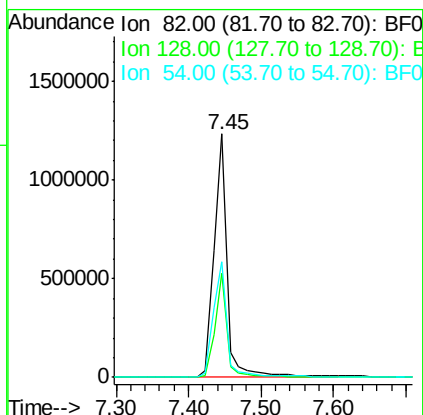
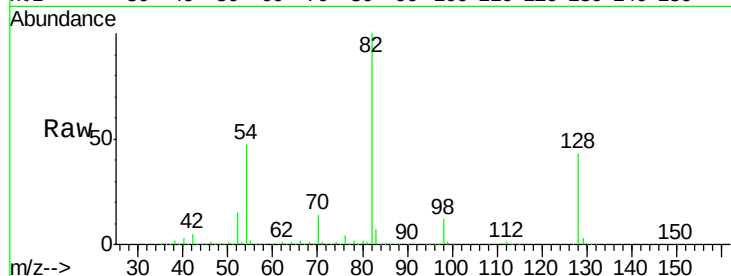




#23
 Nitrobenzene-d5
 Concen: 83.55 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090682.D
 Acq: 20 Oct 2016 15:15

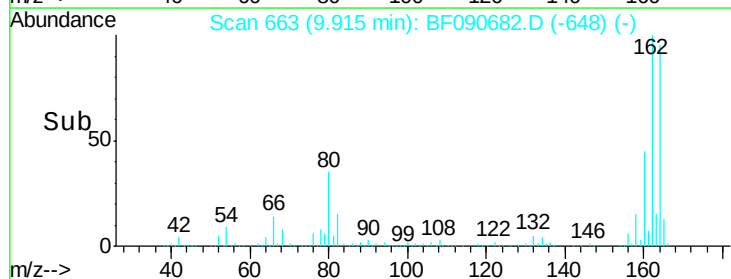
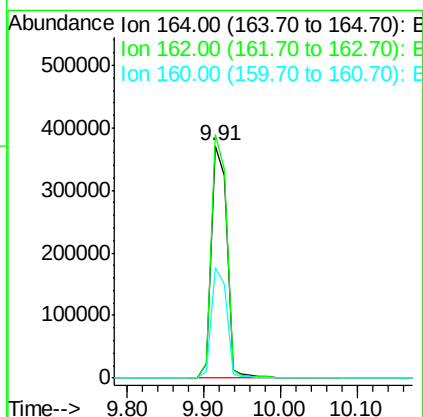
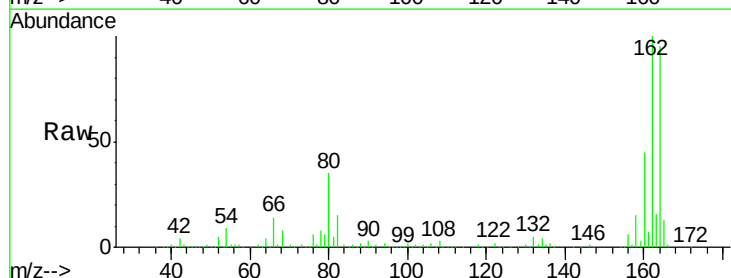
Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-NORTH

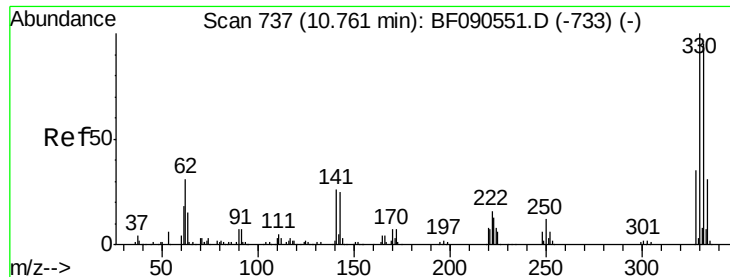
Tgt Ion: 82 Resp: 1562943
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.3 51.5
 54 47.2 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF090682.D
 Acq: 20 Oct 2016 15:15

Tgt Ion: 164 Resp: 516163
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.4
 160 47.6 36.6 55.0

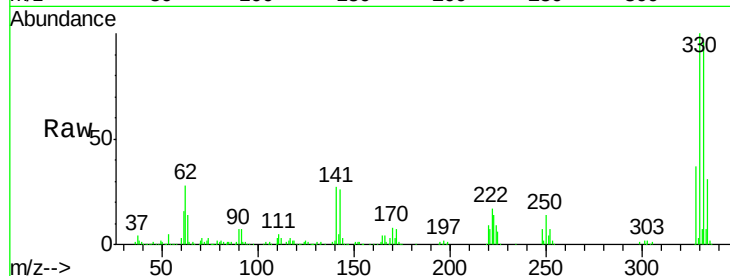




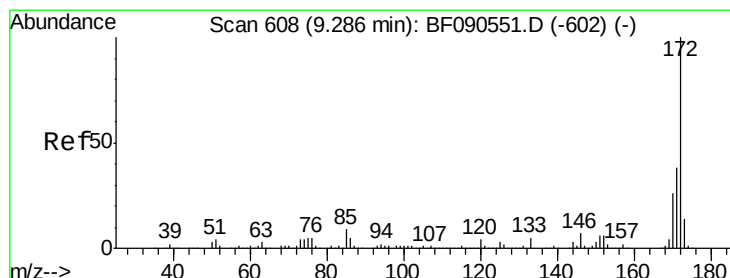
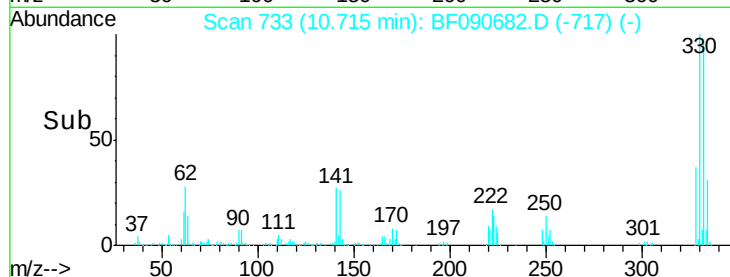
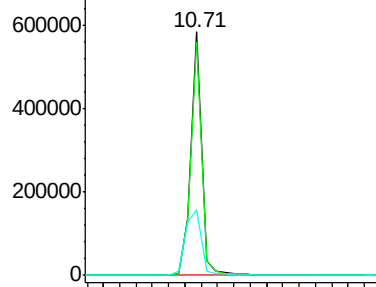
#41
 2,4,6-Tribromophenol
 Concen: 117.93 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090682.D
 Acq: 20 Oct 2016 15:15

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-NORTH

Tgt Ion:330 Resp: 542672
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.2
 141 40.5 31.4 47.2

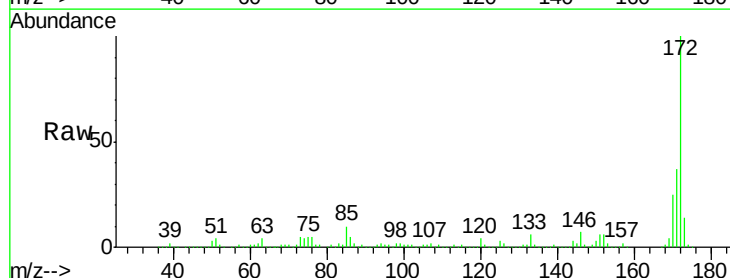


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

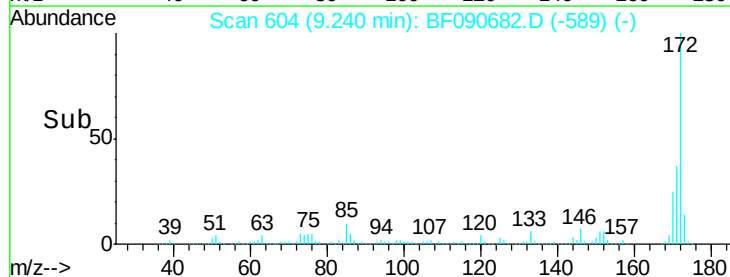
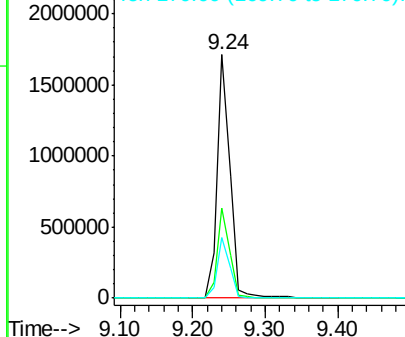


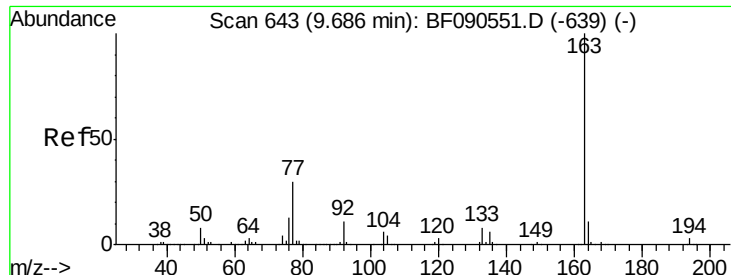
#44
 2-Fluorobiphenyl
 Concen: 67.23 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF090682.D
 Acq: 20 Oct 2016 15:15

Tgt Ion:172 Resp: 2106184
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.1 45.1
 170 25.1 20.6 30.8



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

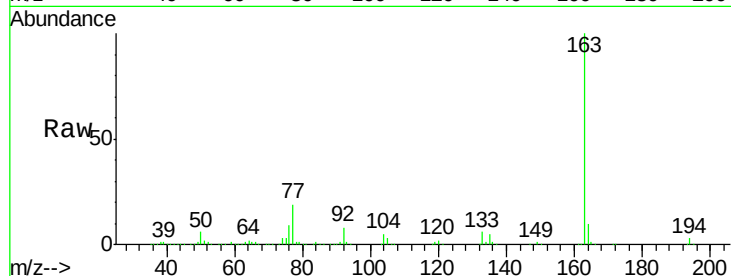




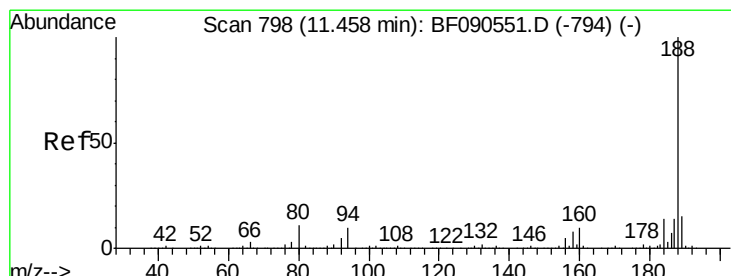
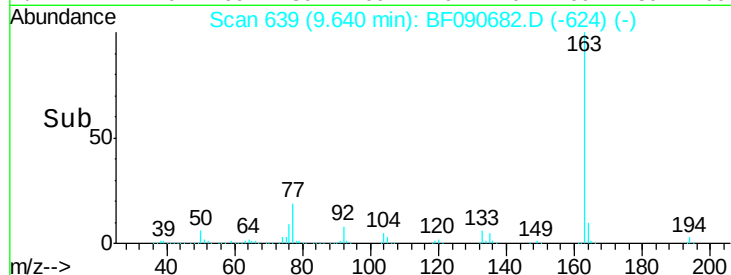
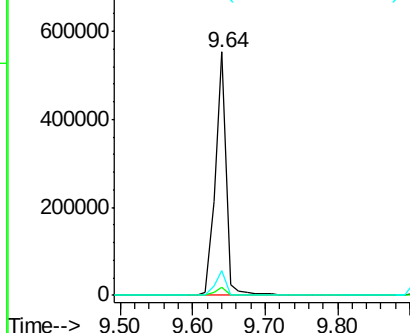
#49
Dimethylphthalate
Concen: 17.11 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090682.D
Acq: 20 Oct 2016 15:15

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-NORTH

Tgt Ion:163 Resp: 572976
Ion Ratio Lower Upper
163 100
194 3.3 2.3 3.5
164 10.0 8.6 13.0

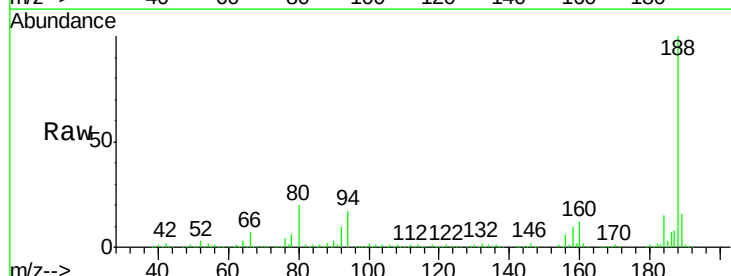


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

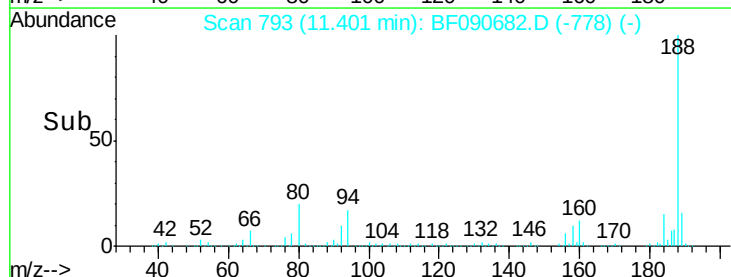
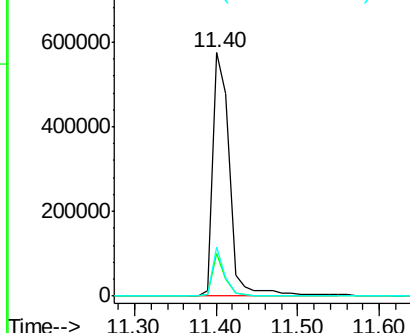


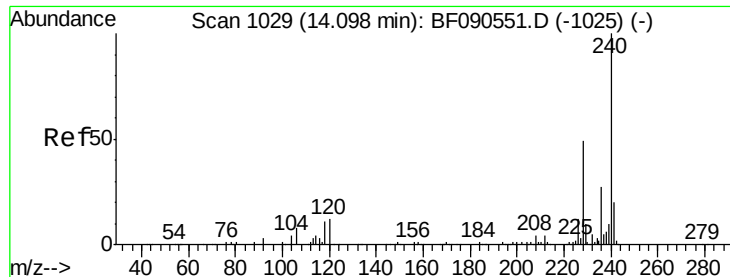
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF090682.D
Acq: 20 Oct 2016 15:15

Tgt Ion:188 Resp: 830606
Ion Ratio Lower Upper
188 100
94 17.3 7.7 11.5#
80 20.4 8.6 12.8#



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: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090682.D

Acq: 20 Oct 2016 15:15

Instrument :

BNA_F

ClientSampleId :

FO-TANK-SIDEWALL-NORTH

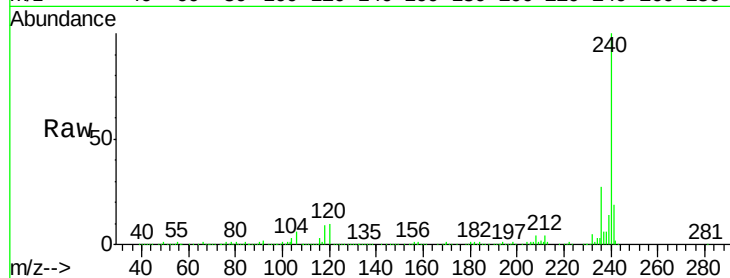
Tgt Ion:240 Resp: 620624

Ion Ratio Lower Upper

240 100

120 9.5 9.8 14.8#

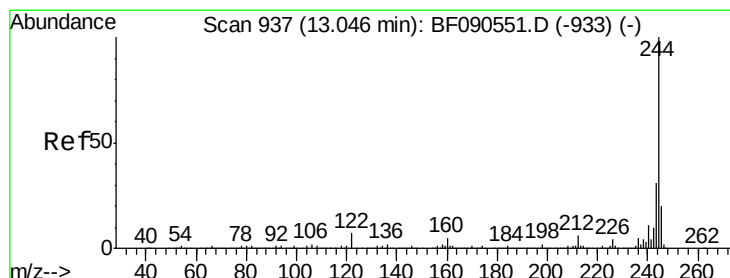
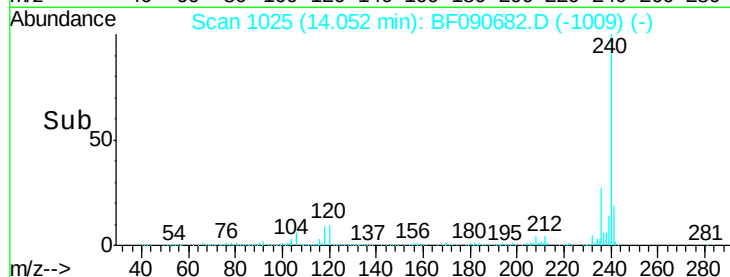
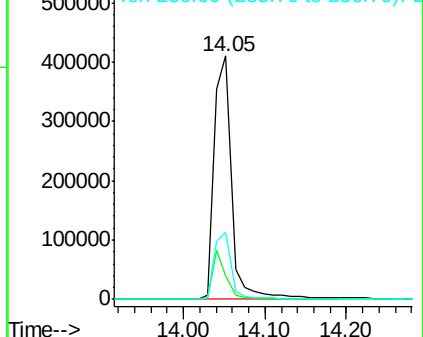
236 27.4 21.7 32.5



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: 84.20 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090682.D

Acq: 20 Oct 2016 15:15

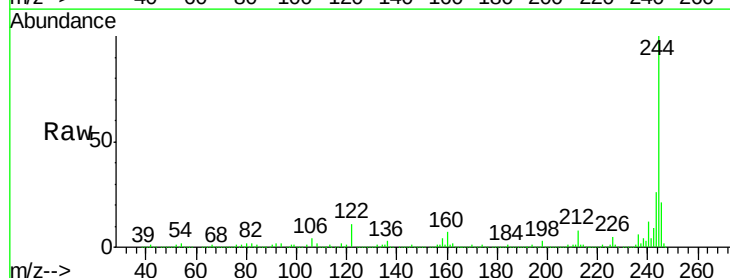
Tgt Ion:244 Resp: 2244326

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

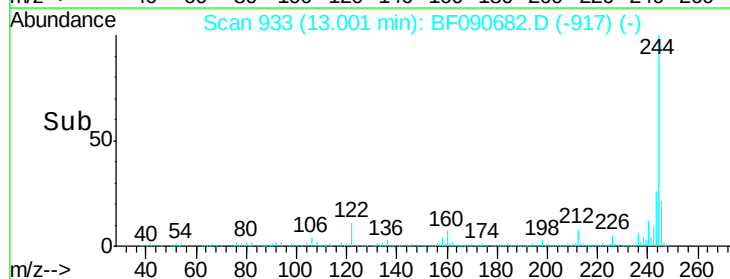
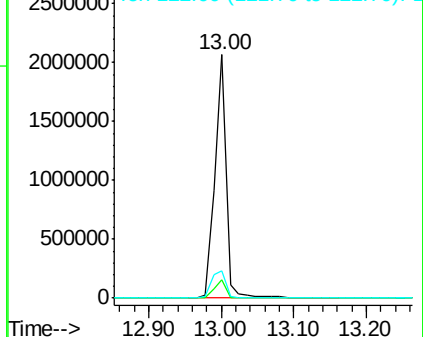
122 11.0 5.6 8.4#

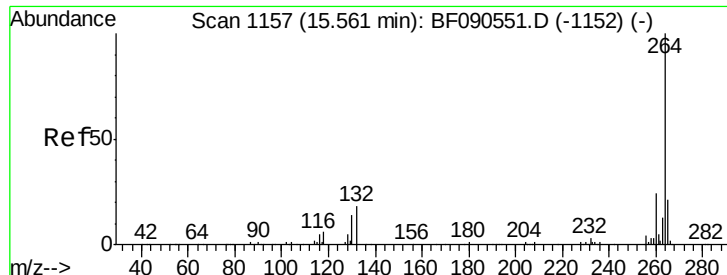


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

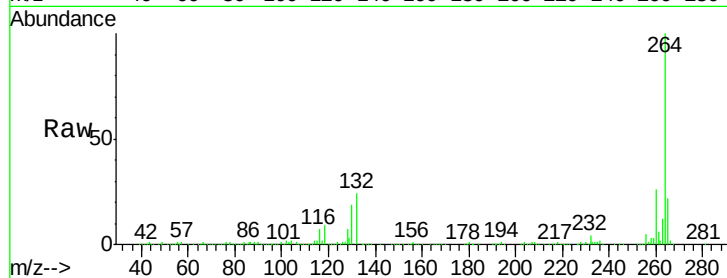




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF090682.D
Acq: 20 Oct 2016 15:15

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-NORTH

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.3	28.9
265	21.6	16.7	25.1



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

