

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082650.D
 Acq On : 3 Nov 2015 00:28
 Operator : UM/IZ
 Sample : G4223-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20L

Quant Time: Nov 03 02:35:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

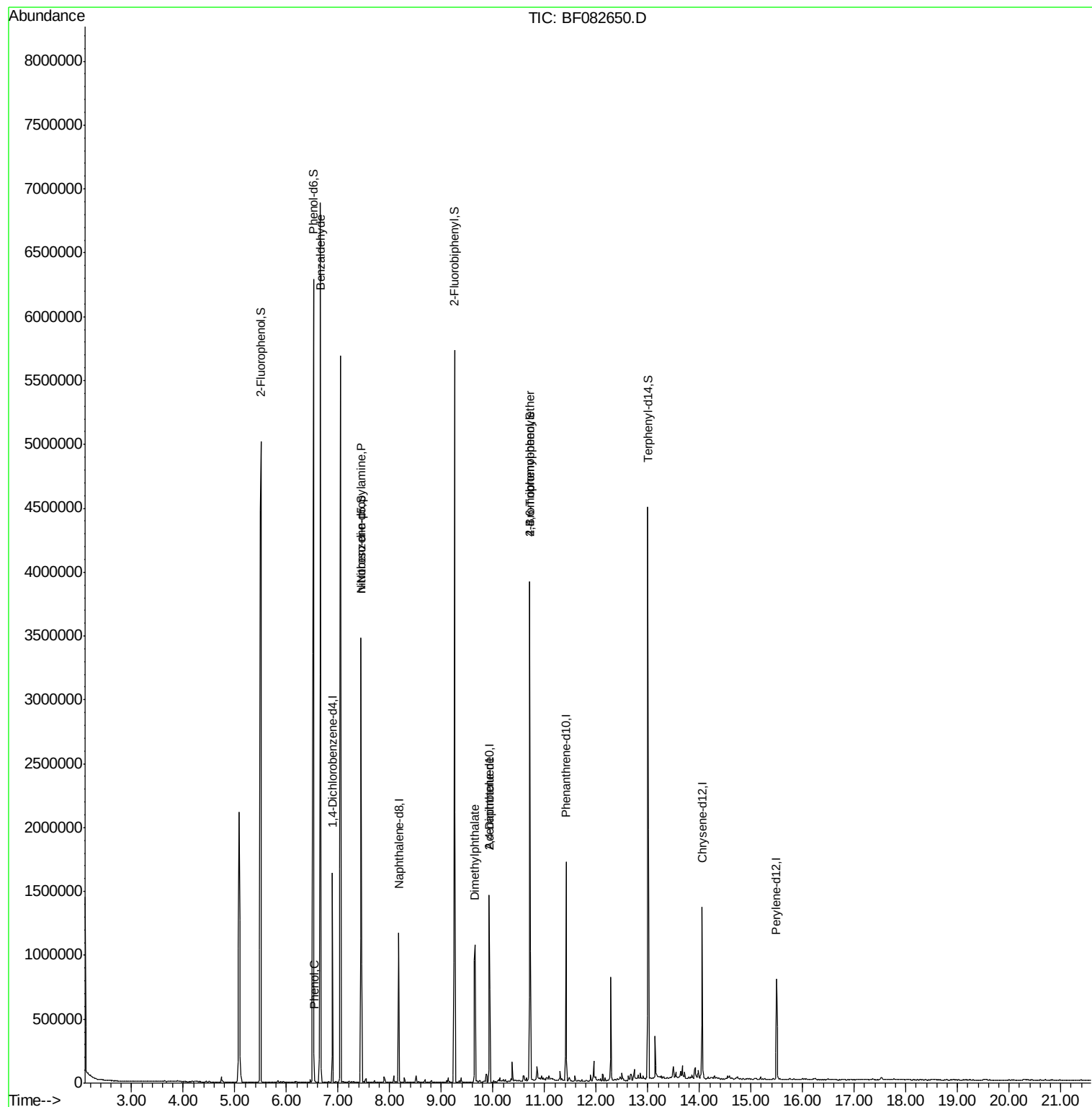
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	204570	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	713050	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	326538	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	552164	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	458729	20.00	ng	-0.02
86) Perylene-d12	15.49	264	393423	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1893264	139.39	ng	0.00
7) Phenol-d6	6.52	99	2286273	126.70	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1328323	76.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	438194	122.62	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1952483	84.90	ng	-0.02
78) Terphenyl-d14	13.00	244	1534472	73.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	55090	4.47	ng	Qvalue 84
10) Phenol	6.53	94	42125	2.06	ng	78
19) n-Nitroso-di-n-propylamine	7.45	70	186439	13.63	ng	# 72
49) Dimethylphthalate	9.65	163	630917	23.66	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	41163	5.51	ng	# 16
66) 4-Bromophenyl-phenylether	10.72	248	27946	4.47	ng	# 1

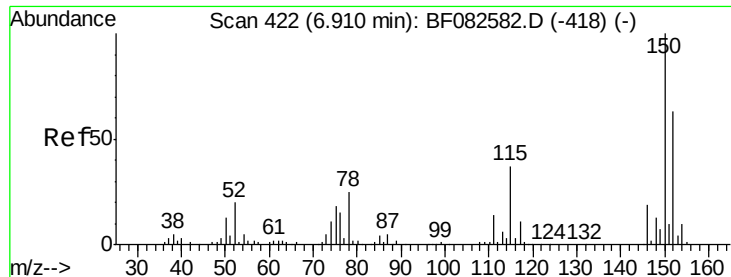
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082650.D
Acq On : 3 Nov 2015 00:28
Operator : UM/IZ
Sample : G4223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-20L

Quant Time: Nov 03 02:35:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

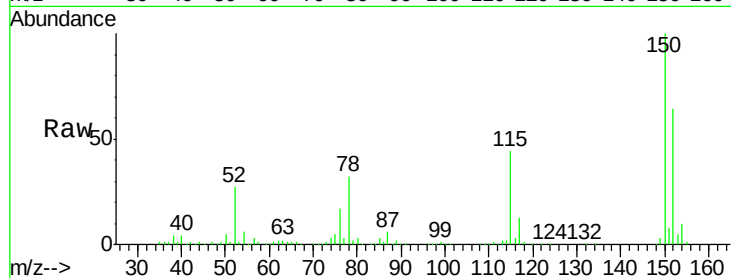
Tgt Ion:152 Resp: 204570

Ion Ratio Lower Upper

152 100

150 155.8 127.0 190.4

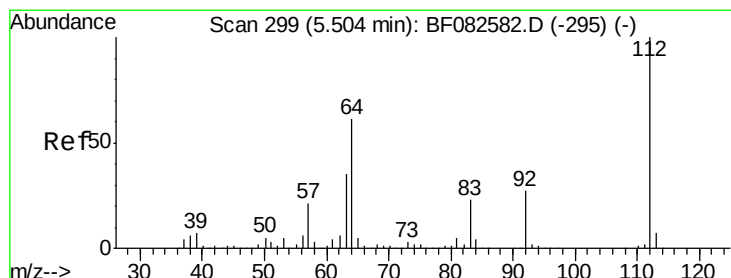
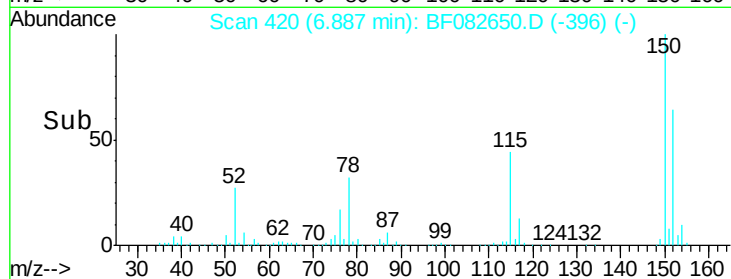
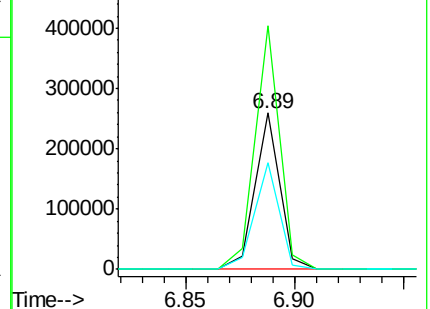
115 68.3 47.0 70.6



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: 139.39 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

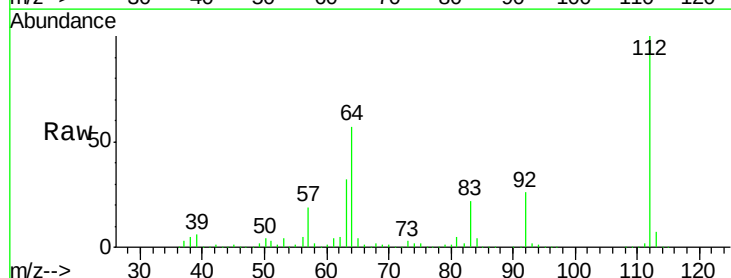
Tgt Ion:112 Resp: 1893264

Ion Ratio Lower Upper

112 100

64 57.1 48.9 73.3

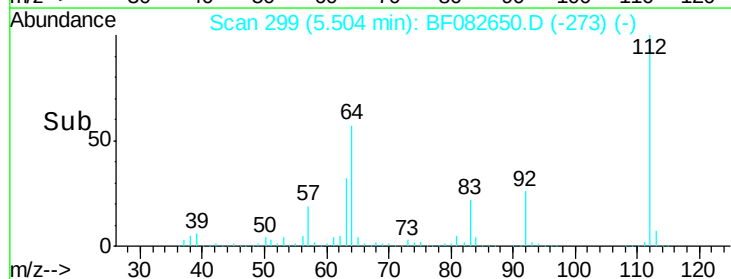
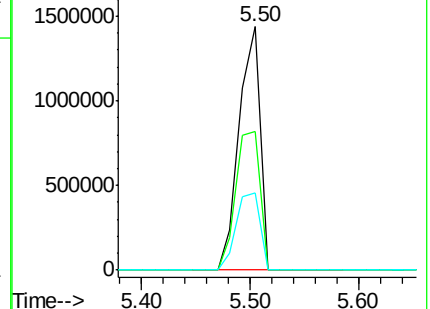
63 31.6 28.1 42.1

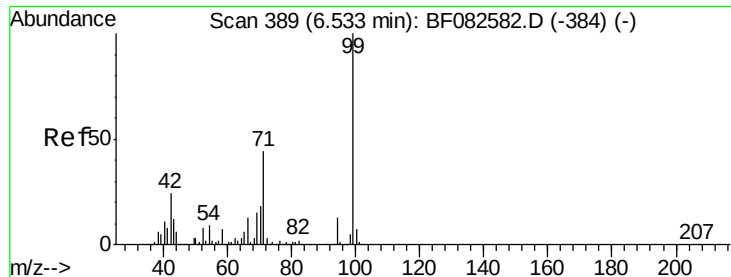


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

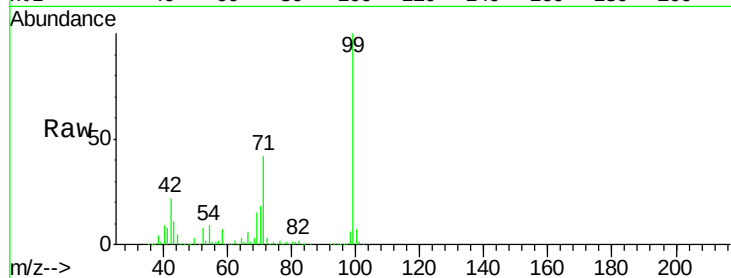
Tgt Ion: 99 Resp: 2286273

Ion Ratio Lower Upper

99 100

42 22.2 19.2 28.8

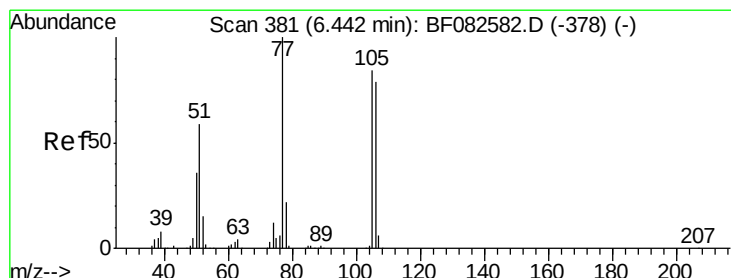
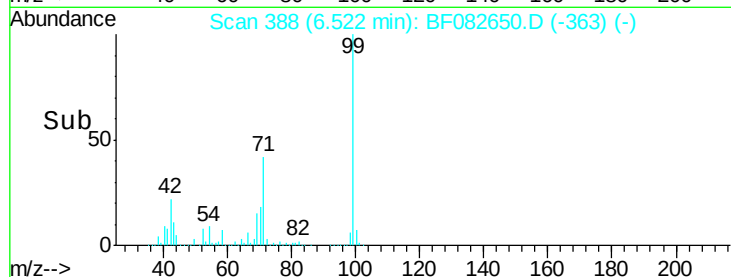
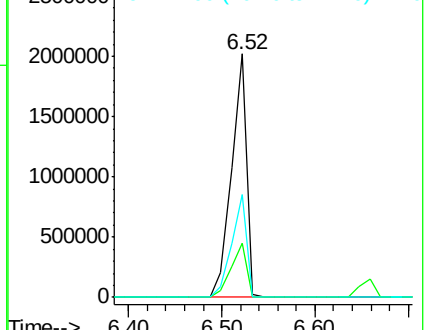
71 42.4 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.47 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

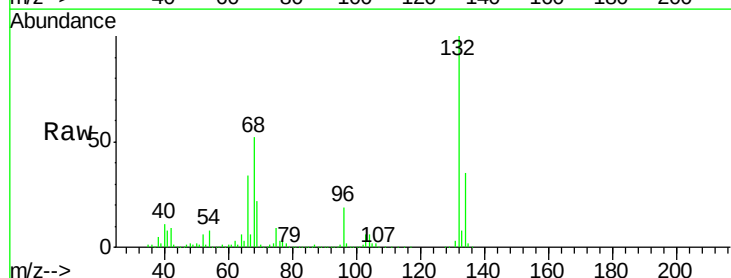
Tgt Ion: 77 Resp: 55090

Ion Ratio Lower Upper

77 100

105 71.1 63.5 103.5

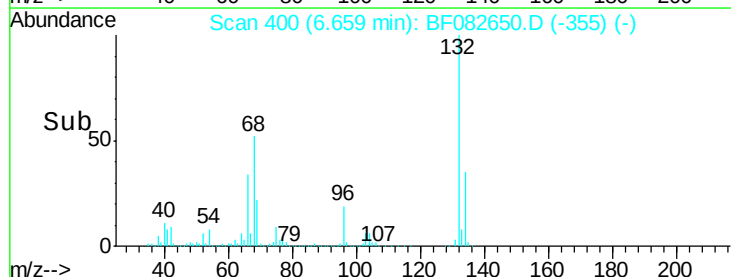
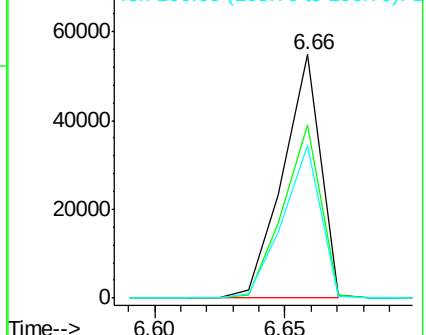
106 62.5 59.3 99.3

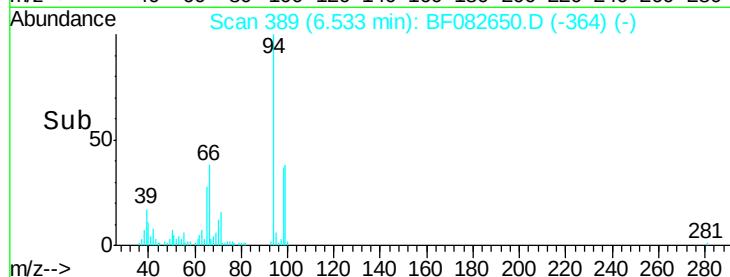
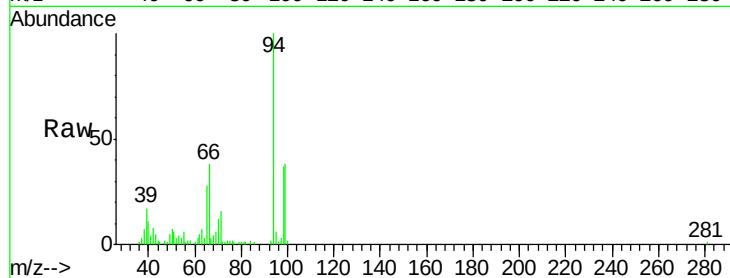
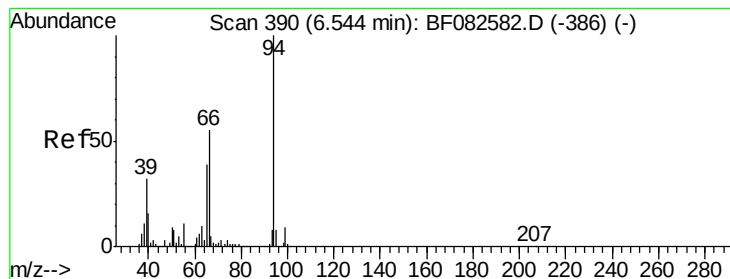


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

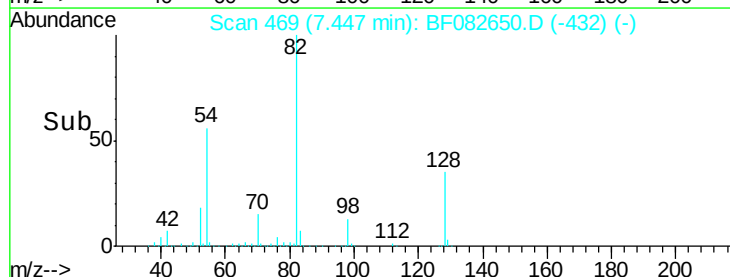
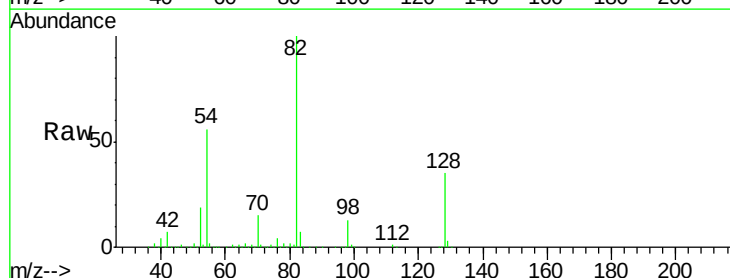
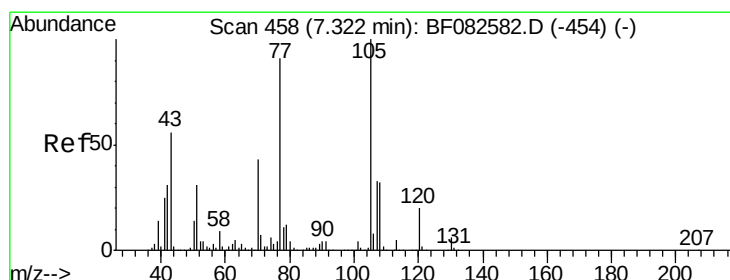
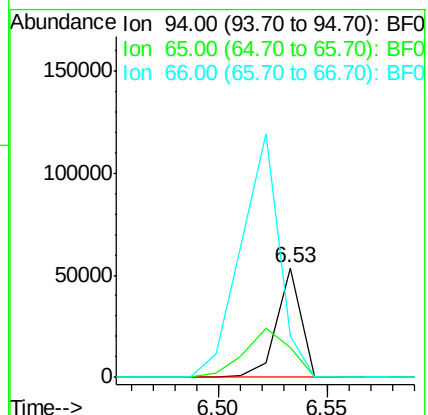
Tgt Ion: 94 Resp: 42125

Ion Ratio Lower Upper

94 100

65 27.6 18.9 58.9

66 37.6 34.9 74.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.63 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Tgt Ion: 70 Resp: 186439

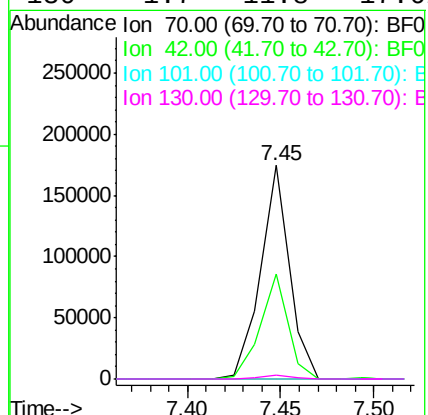
Ion Ratio Lower Upper

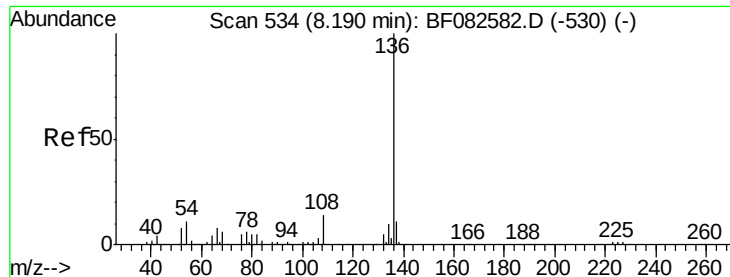
70 100

42 49.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 11.8 17.6#

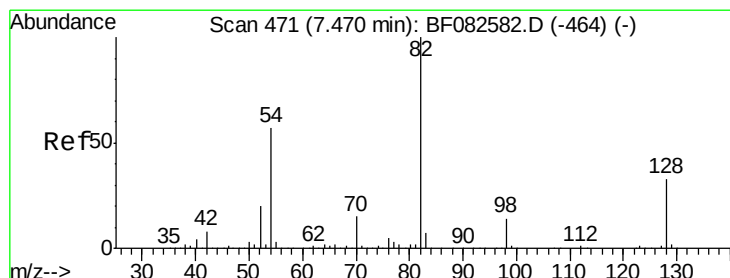
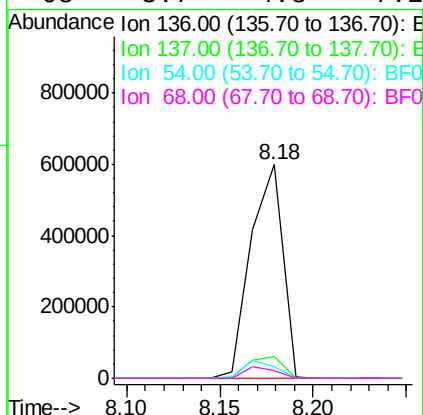
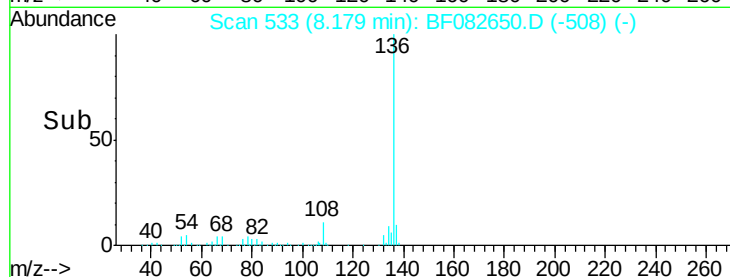
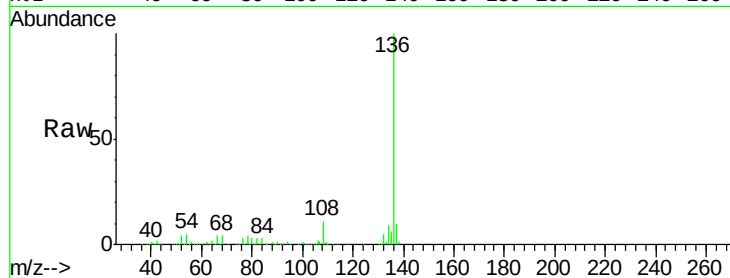




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082650.D
Acq: 3 Nov 2015 00:28

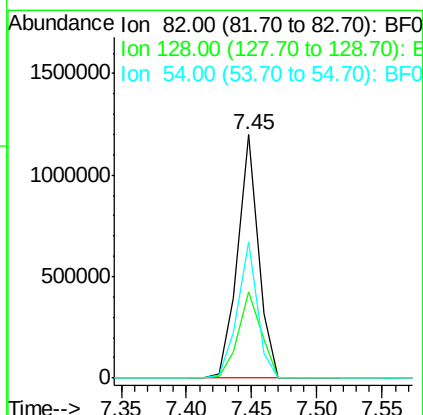
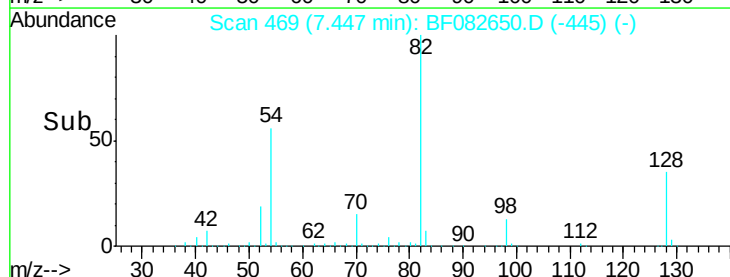
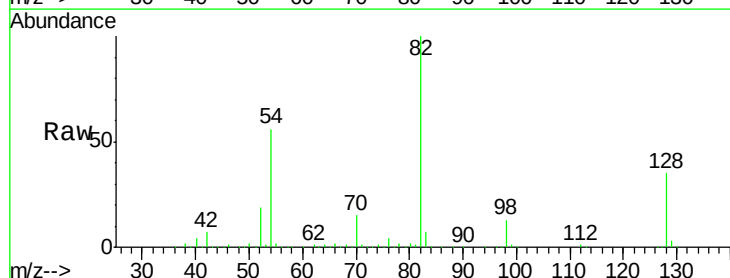
Instrument :
BNA_F
ClientSampleId :
T-20L

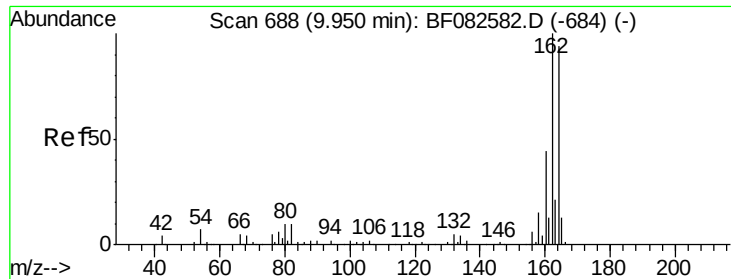
Tgt Ion:	136	Resp:	713050
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.5	9.1	13.7#
68	3.7	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 76.07 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF082650.D
Acq: 3 Nov 2015 00:28

Tgt Ion:	82	Resp:	1328323
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.8	40.2
54	55.8	45.7	68.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

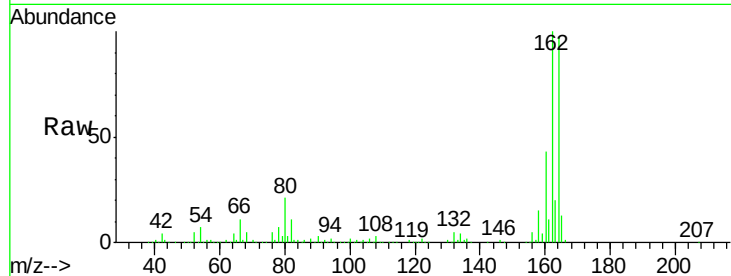
Tgt Ion:164 Resp: 326538

Ion Ratio Lower Upper

164 100

162 103.5 84.9 127.3

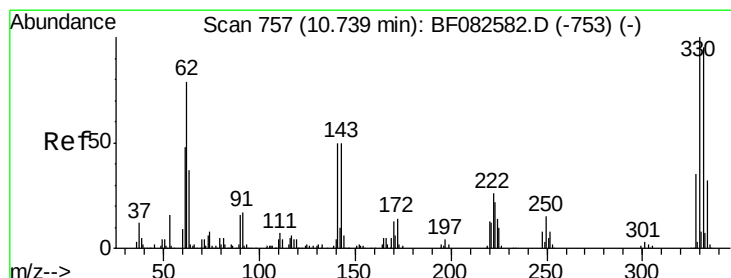
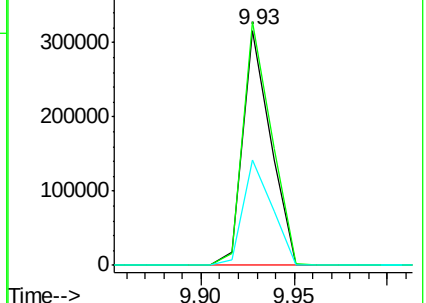
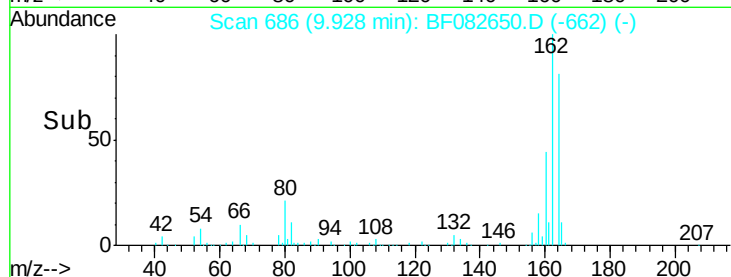
160 44.6 37.5 56.3



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: 122.62 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

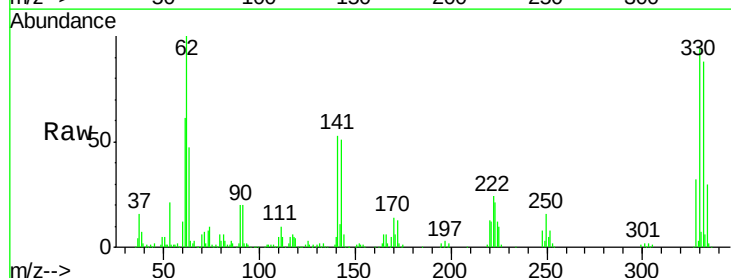
Tgt Ion:330 Resp: 438194

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

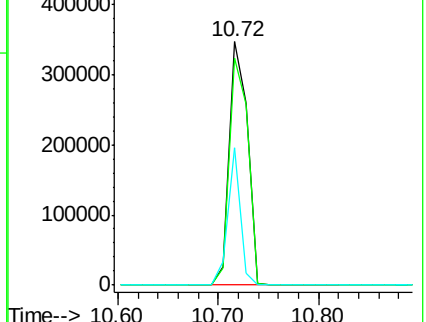
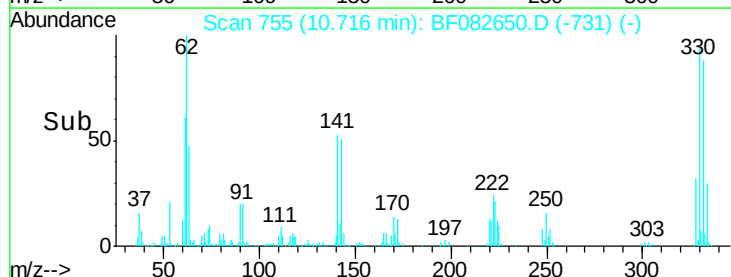
141 39.0 41.2 61.8#

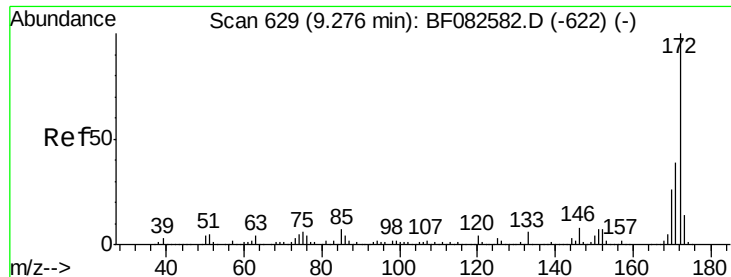


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

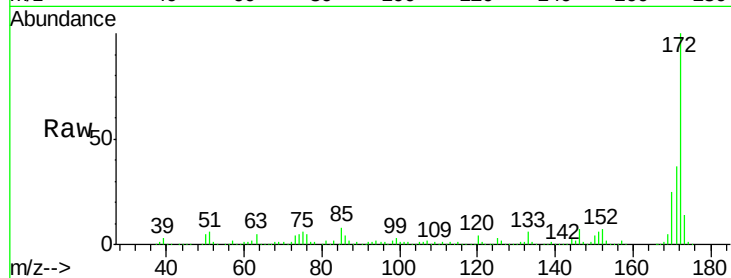




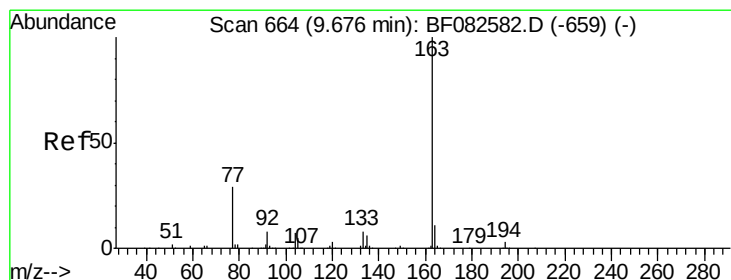
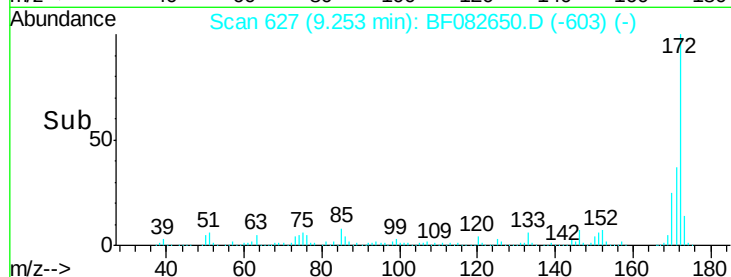
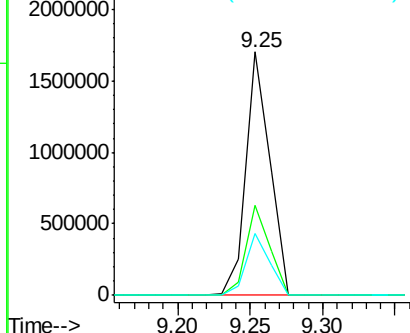
#44
 2-Fluorobiphenyl
 Concen: 84.90 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Instrument :
 BNA_F
 ClientSampleId :
 T-20L

Tgt Ion:172 Resp: 1952483
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.2 21.2 31.8

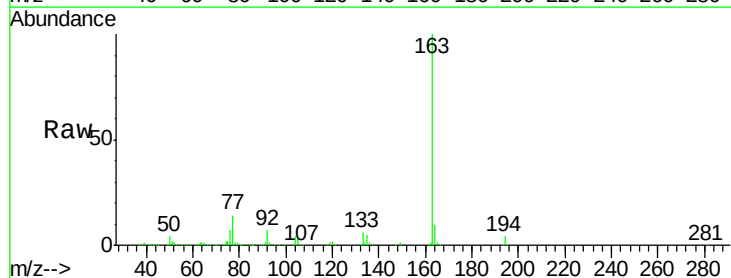


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

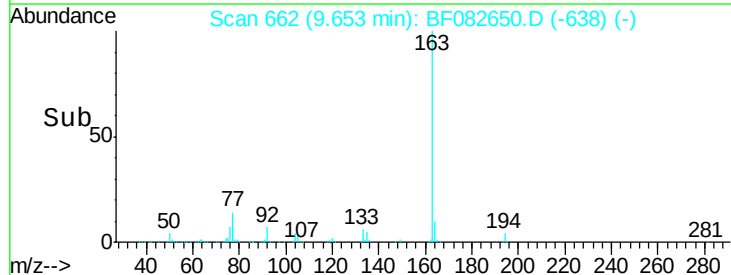
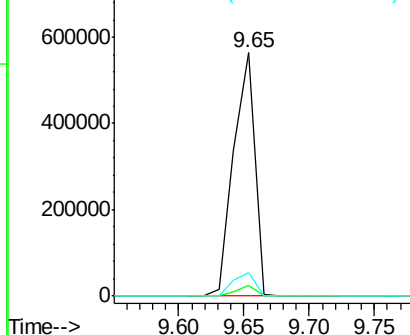


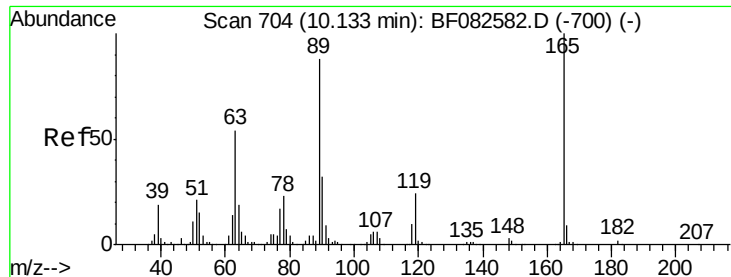
#49
 Dimethylphthalate
 Concen: 23.66 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Tgt Ion:163 Resp: 630917
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.6 4.0#
 164 9.8 8.7 13.1



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: 5.51 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.21 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

Tgt Ion:165 Resp: 41163

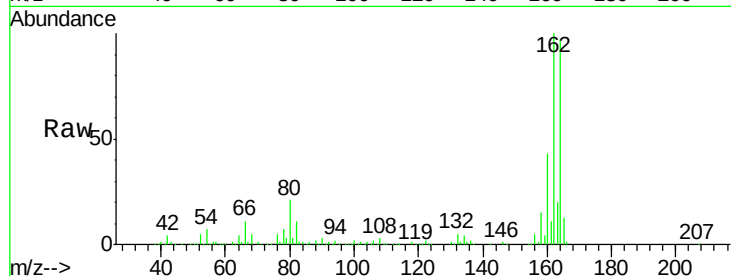
Ion Ratio Lower Upper

165 100

63 2.0 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

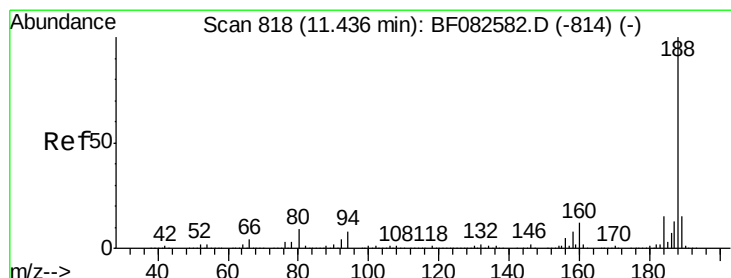
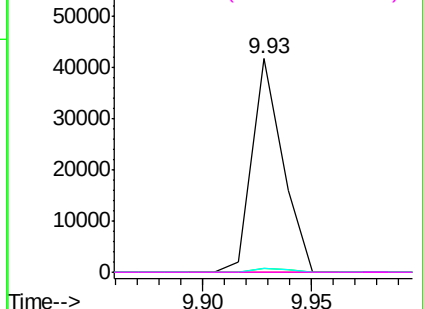
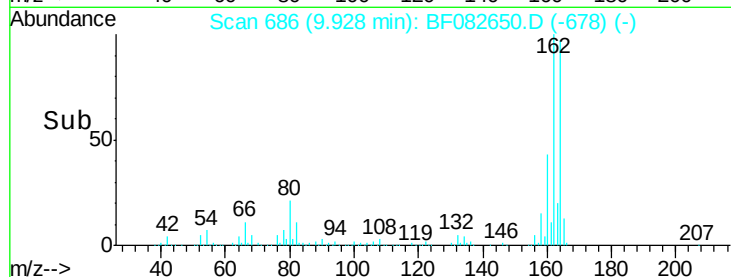


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

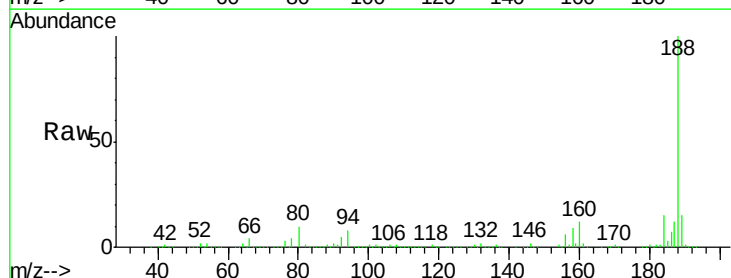
Tgt Ion:188 Resp: 552164

Ion Ratio Lower Upper

188 100

94 8.3 6.1 9.1

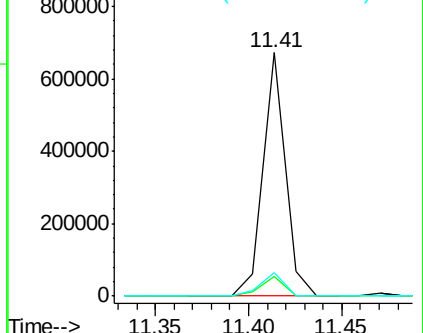
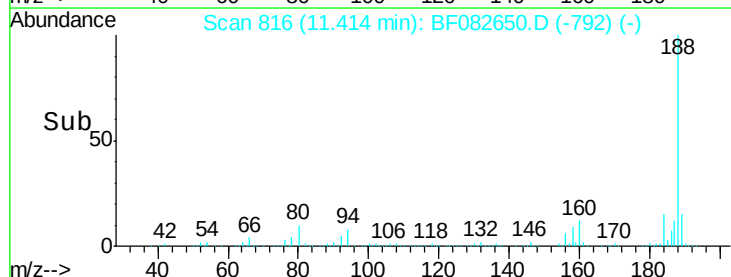
80 9.8 7.0 10.6

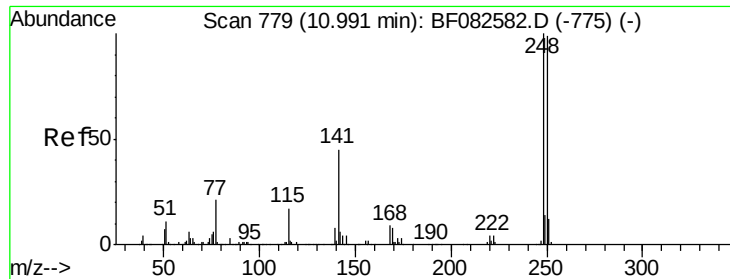


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

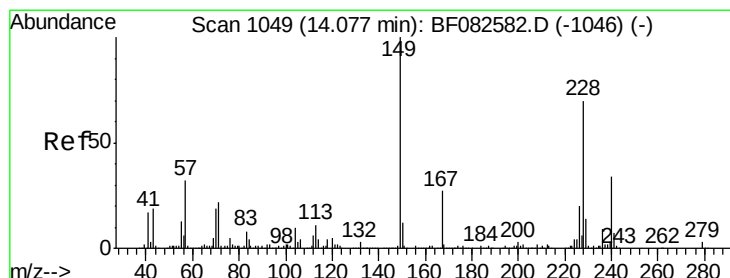
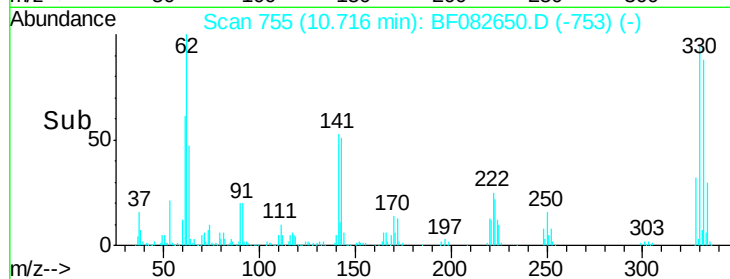
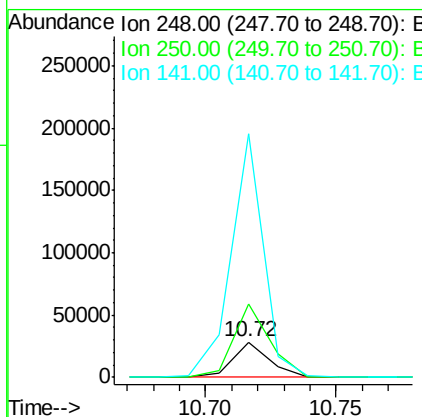
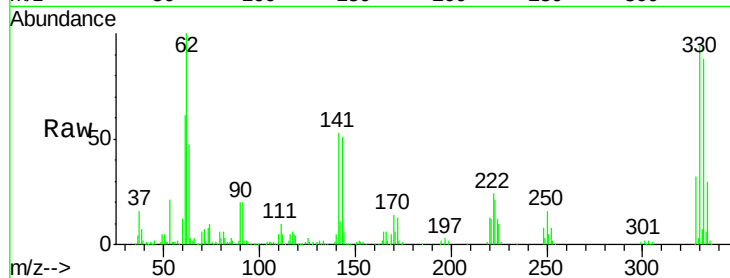




#66
 4-Bromophenyl-phenylether
 Concen: 4.47 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

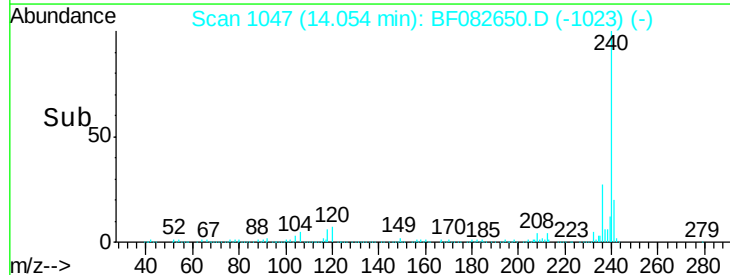
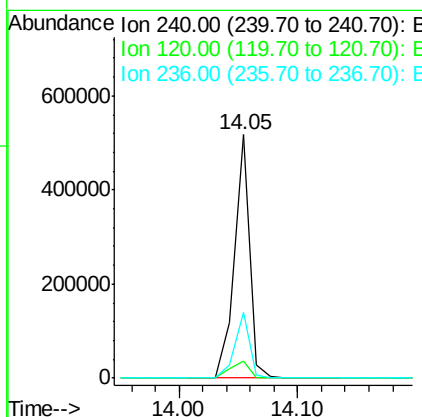
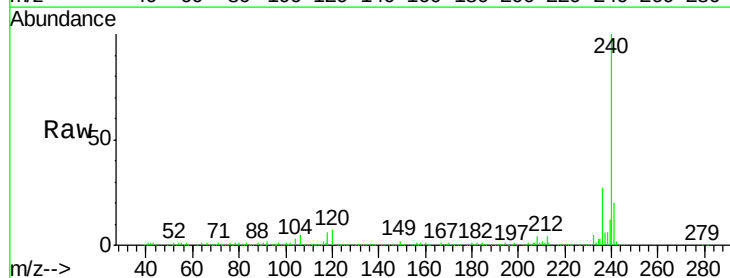
Instrument :
 BNA_F
 ClientSampled :
 T-20L

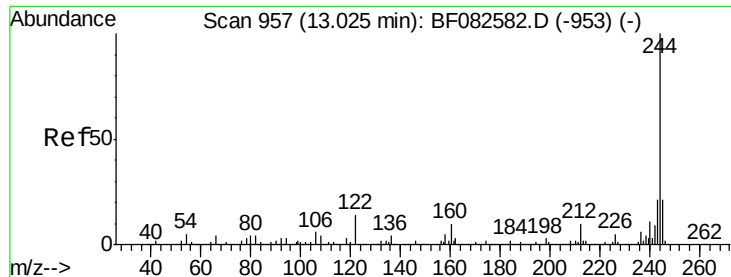
Tgt Ion:248 Resp: 27946
 Ion Ratio Lower Upper
 248 100
 250 207.9 79.4 119.2#
 141 687.4 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Tgt Ion:240 Resp: 458729
 Ion Ratio Lower Upper
 240 100
 120 6.8 10.9 16.3#
 236 27.0 21.6 32.4





#78

Terphenyl-d14

Concen: 73.21 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

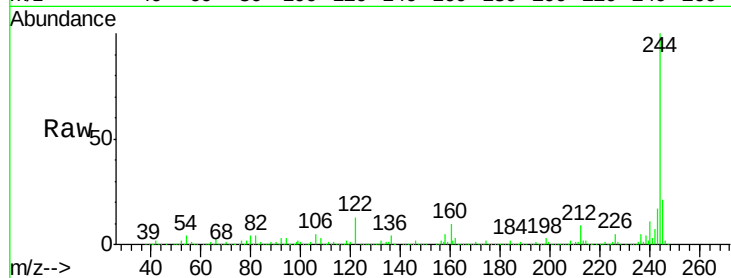
Tgt Ion:244 Resp: 1534472

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

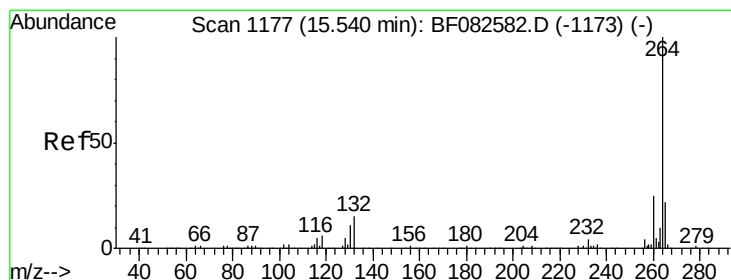
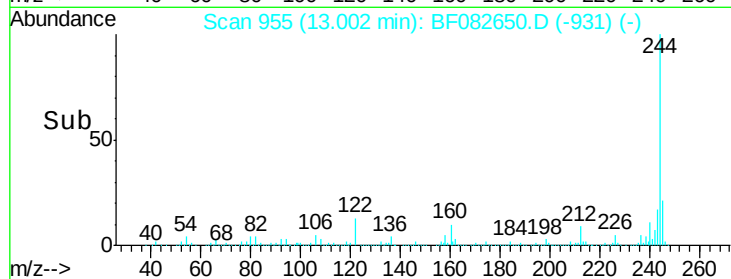
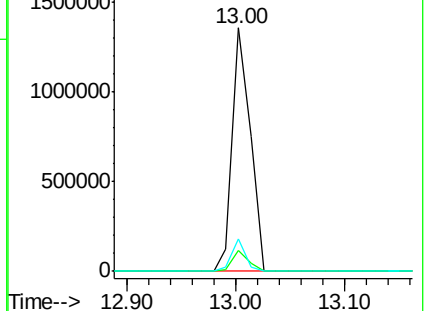
122 13.5 11.3 16.9



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# 1173

Delta R.T. -0.05 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

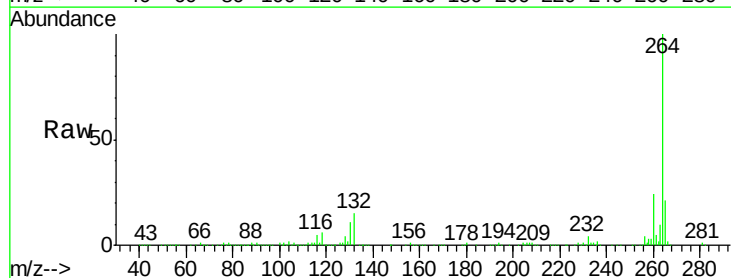
Tgt Ion:264 Resp: 393423

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.0 17.4 26.0



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

