

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082652.D
 Acq On : 3 Nov 2015 1:26
 Operator : UM/IZ
 Sample : G4223-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20C

Quant Time: Nov 03 02:36:41 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

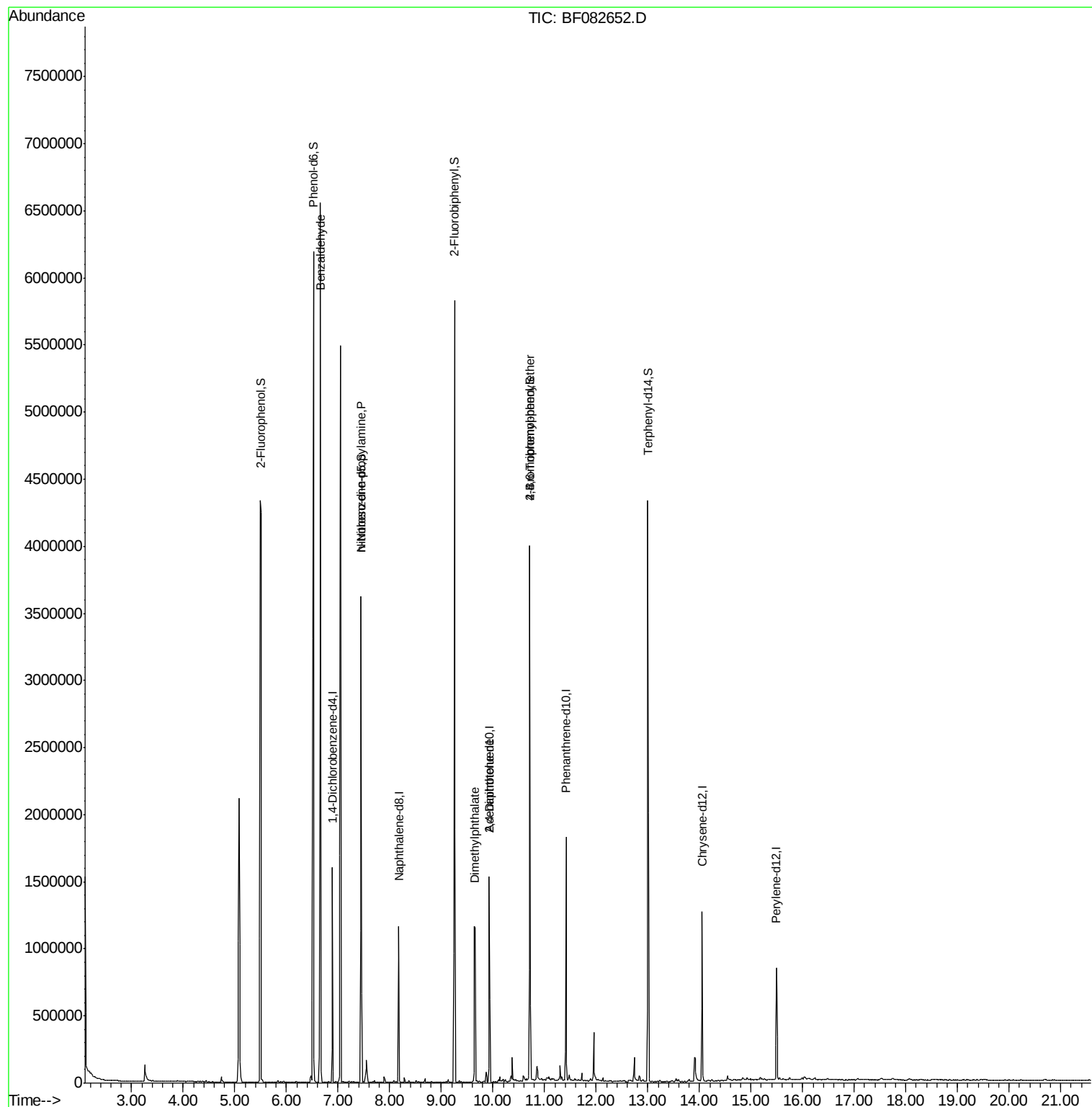
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	205150	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	697481	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	317427	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	589579	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	468642	20.00	ng	-0.02
86) Perylene-d12	15.49	264	391328	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1758956	129.14	ng	0.00
7) Phenol-d6	6.52	99	2251376	124.42	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1299061	76.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	404059	116.31	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1920151	85.89	ng	-0.02
78) Terphenyl-d14	13.00	244	1523689	71.15	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	52609	4.26	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.45	70	183161	13.35	ng	# 73
49) Dimethylphthalate	9.65	163	723343	27.90	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	39730	5.47	ng	# 15
66) 4-Bromophenyl-phenylether	10.72	248	26691	3.99	ng	# 1

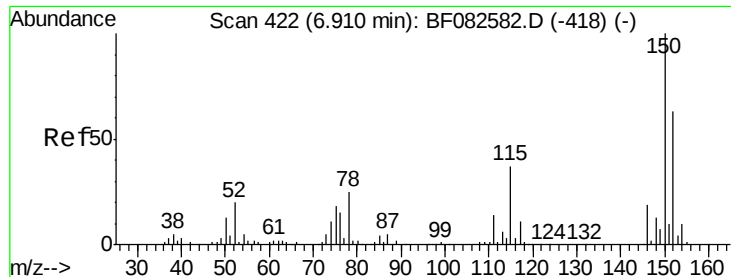
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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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: BF082652.D

Acq: 3 Nov 2015 1:26

Instrument :

BNA_F

ClientSampleId :

T-20C

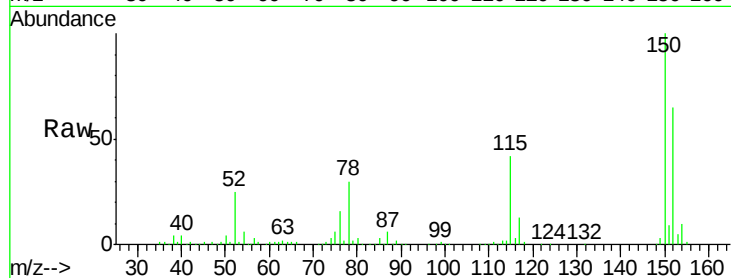
Tgt Ion:152 Resp: 205150

Ion Ratio Lower Upper

152 100

150 154.5 127.0 190.4

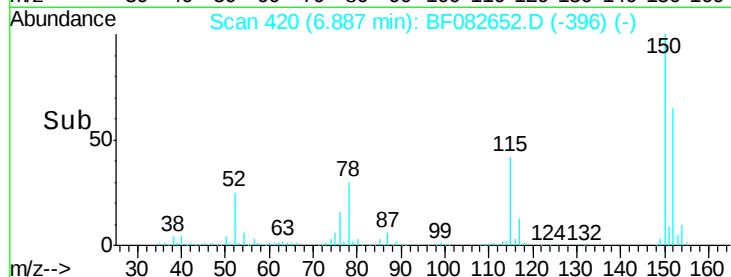
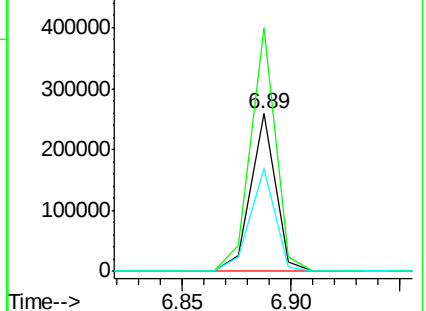
115 65.2 47.0 70.6



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: 129.14 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF082652.D

Acq: 3 Nov 2015 1:26

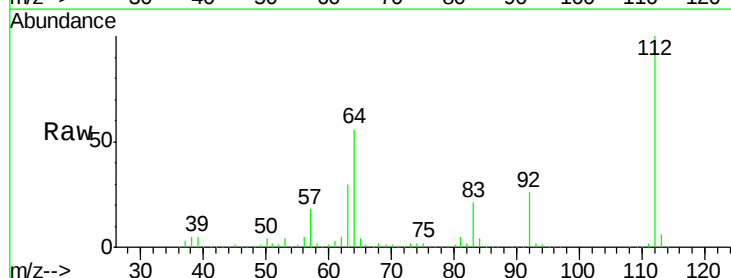
Tgt Ion:112 Resp: 1758956

Ion Ratio Lower Upper

112 100

64 55.5 48.9 73.3

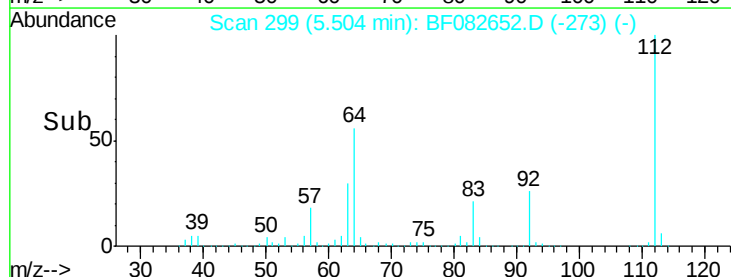
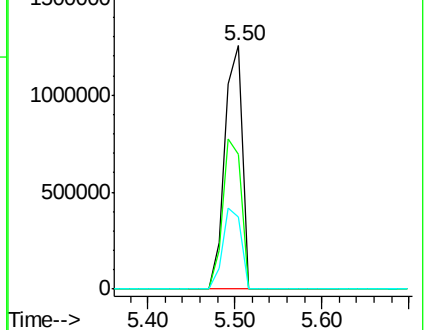
63 29.8 28.1 42.1



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: 124.42 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082652.D

Acq: 3 Nov 2015 1:26

Instrument :

BNA_F

ClientSampleId :

T-20C

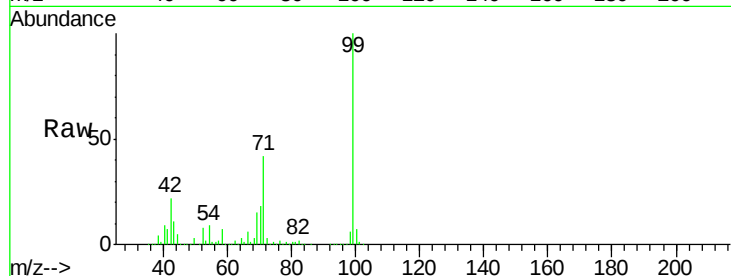
Tgt Ion: 99 Resp: 2251376

Ion Ratio Lower Upper

99 100

42 21.8 19.2 28.8

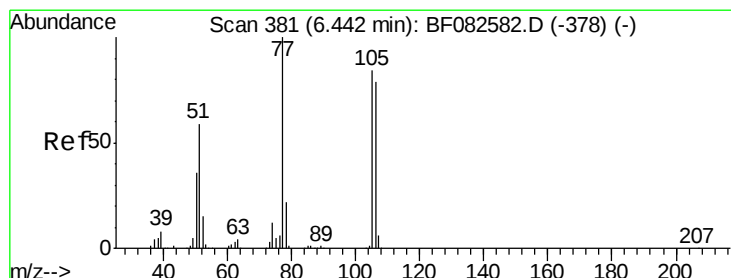
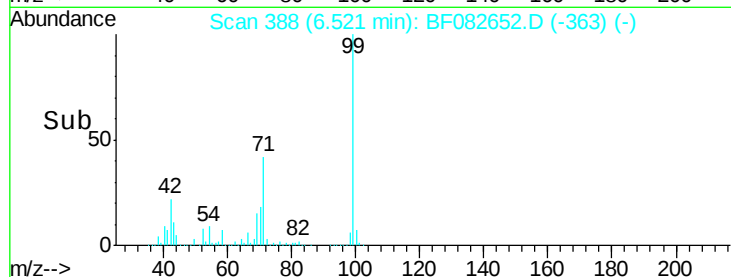
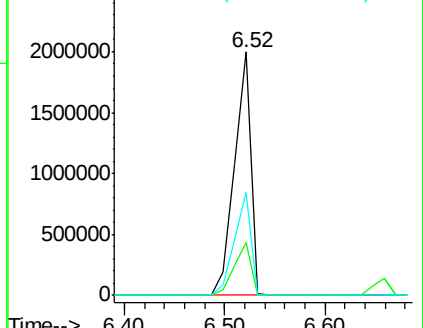
71 42.2 35.0 52.4



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: 4.26 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.22 min

Lab File: BF082652.D

Acq: 3 Nov 2015 1:26

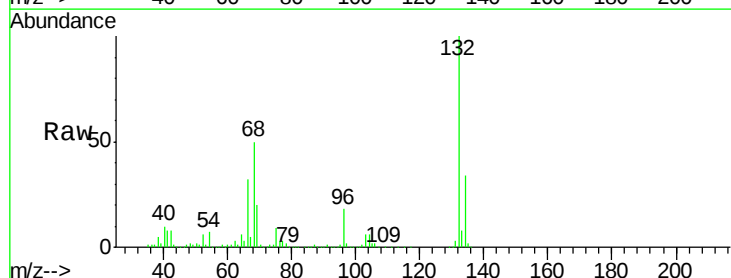
Tgt Ion: 77 Resp: 52609

Ion Ratio Lower Upper

77 100

105 75.3 63.5 103.5

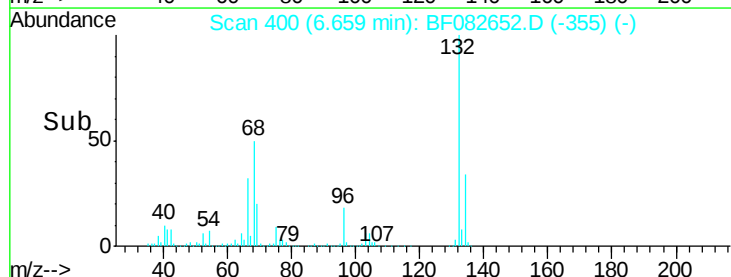
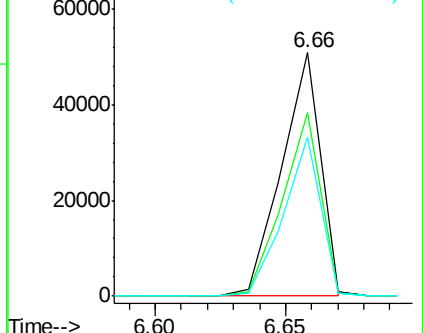
106 65.2 59.3 99.3

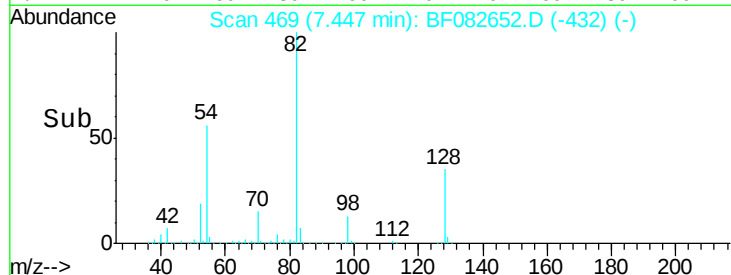
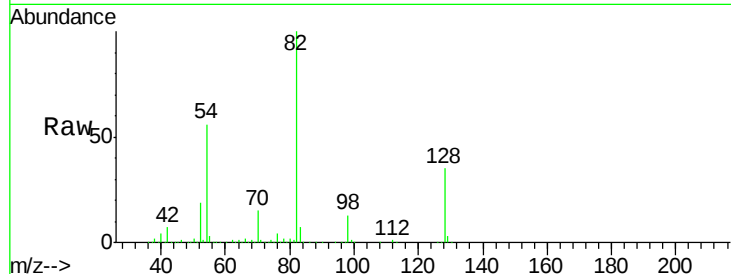
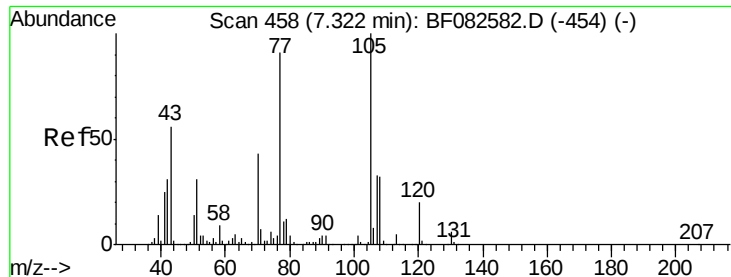


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

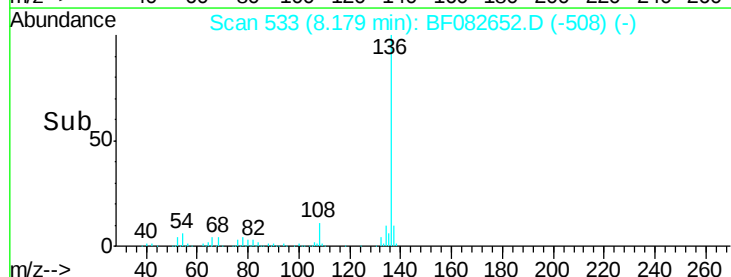
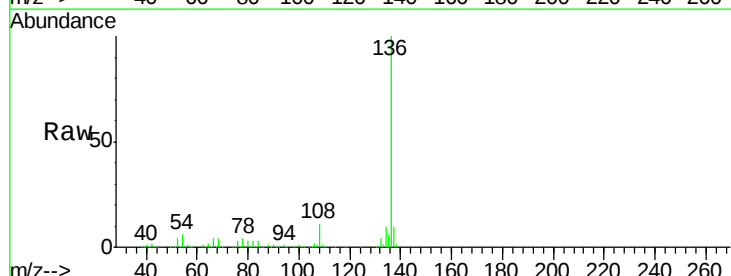
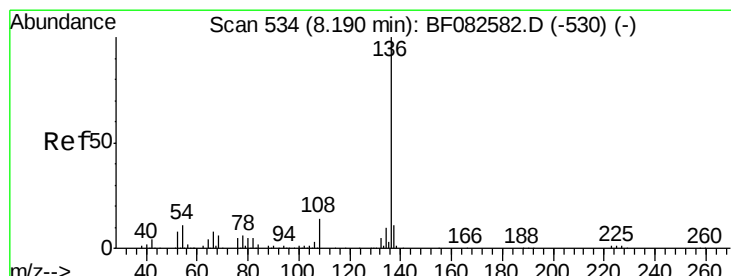
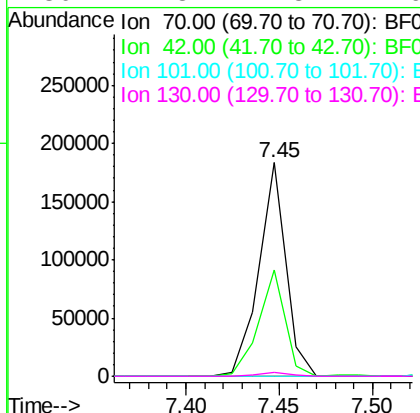




#19
n-Nitroso-di-n-propylamine
Concen: 13.35 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF082652.D
Acq: 3 Nov 2015 1:26

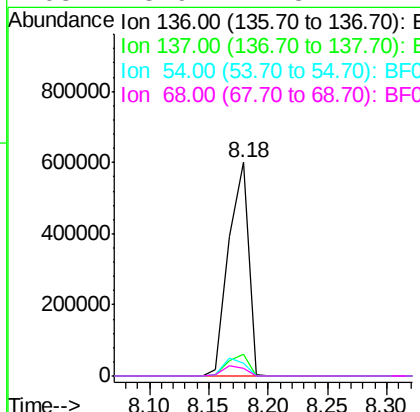
Instrument :
BNA_F
ClientSampleId :
T-20C

Tgt Ion: 70 Resp: 183161
Ion Ratio Lower Upper
70 100
42 49.7 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 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: BF082652.D
Acq: 3 Nov 2015 1:26

Tgt Ion: 136 Resp: 697481
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 5.9 9.1 13.7#
68 3.9 4.8 7.2#

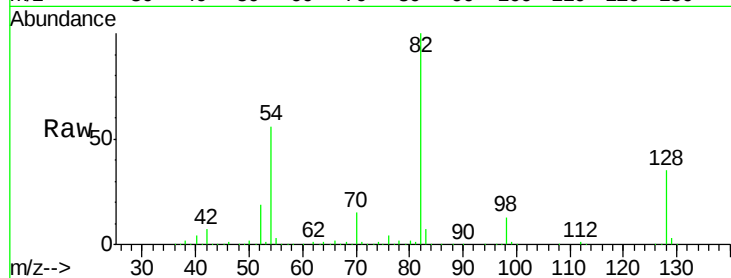




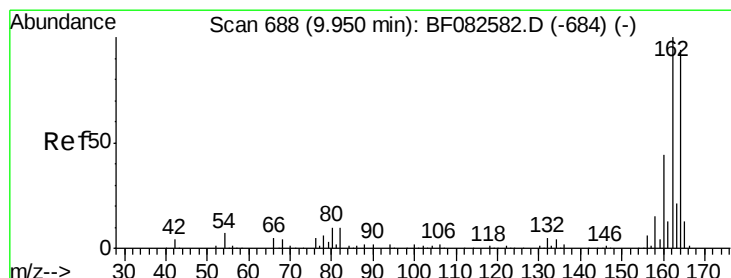
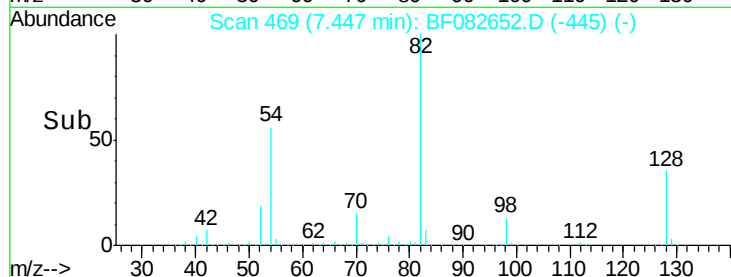
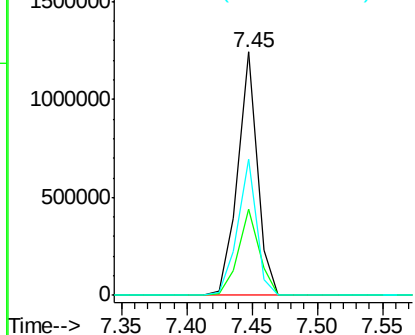
#23
 Nitrobenzene-d5
 Concen: 76.06 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF082652.D
 Acq: 3 Nov 2015 1:26

Instrument :
 BNA_F
 ClientSampleId :
 T-20C

Tgt Ion: 82 Resp: 1299061
 Ion Ratio Lower Upper
 82 100
 128 35.3 26.8 40.2
 54 56.0 45.7 68.5

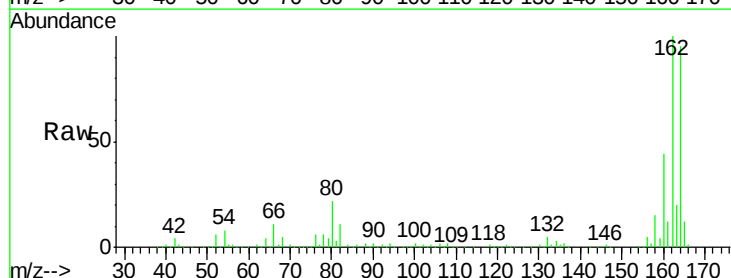


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

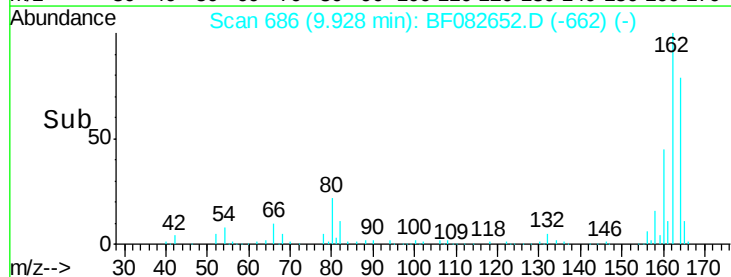
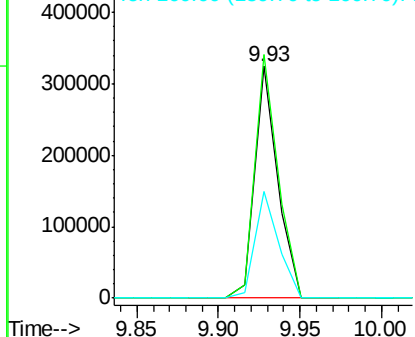


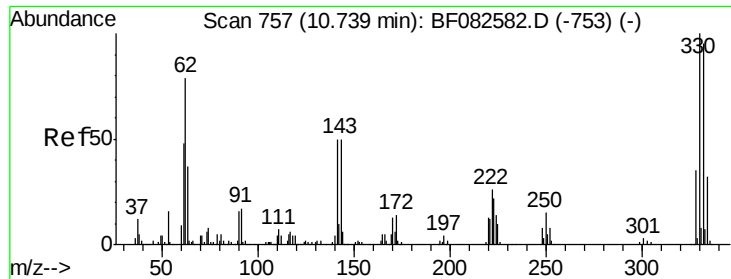
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF082652.D
 Acq: 3 Nov 2015 1:26

Tgt Ion: 164 Resp: 317427
 Ion Ratio Lower Upper
 164 100
 162 105.0 84.9 127.3
 160 46.2 37.5 56.3



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

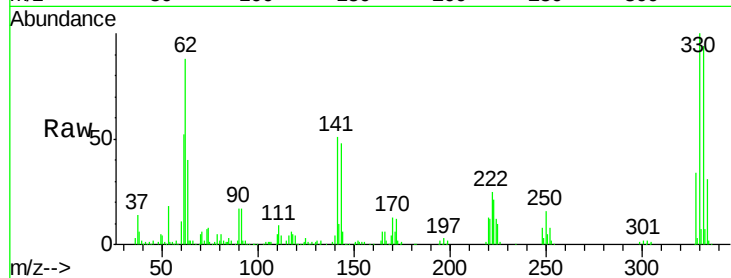




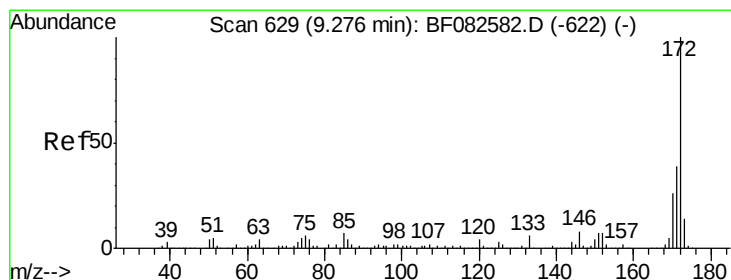
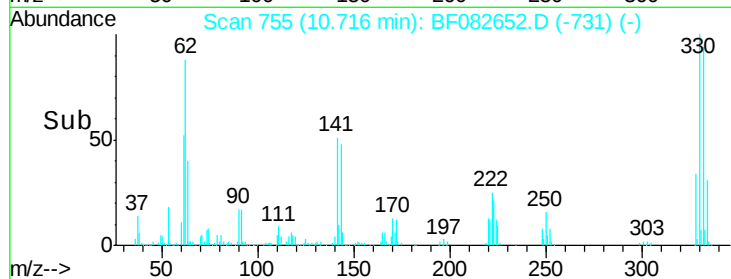
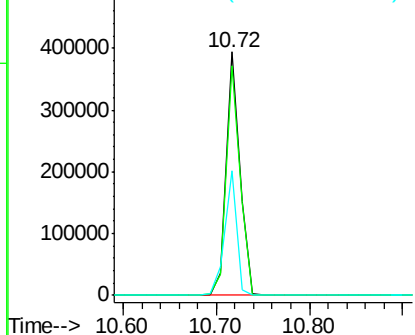
#41
 2,4,6-Tribromophenol
 Concen: 116.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF082652.D
 Acq: 3 Nov 2015 1:26

Instrument :
 BNA_F
 ClientSampled :
 T-20C

Tgt Ion:330 Resp: 404059
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 44.1 41.2 61.8

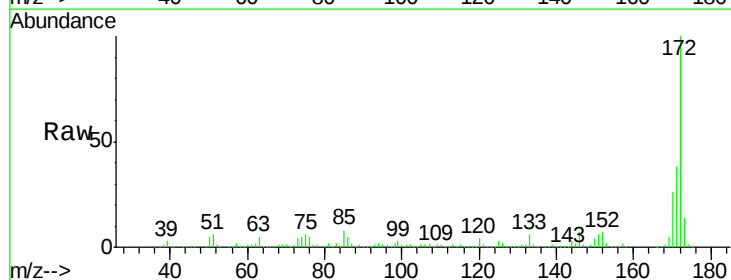


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

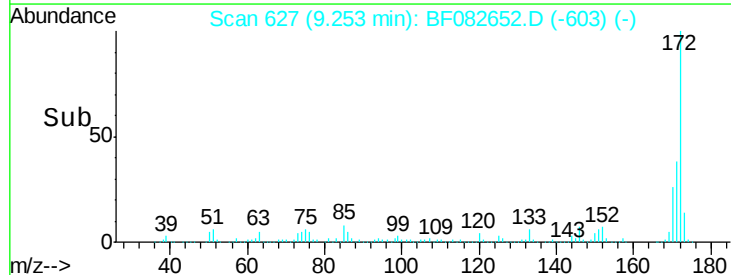
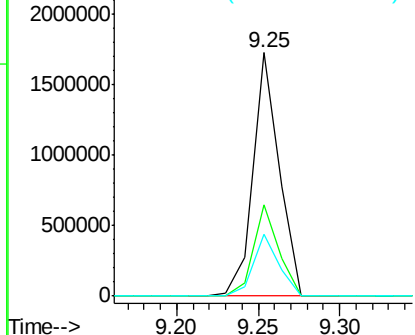


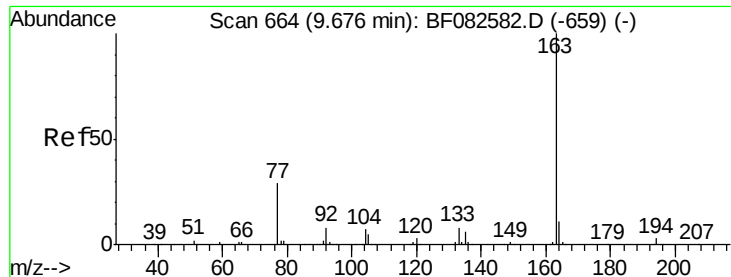
#44
 2-Fluorobiphenyl
 Concen: 85.89 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082652.D
 Acq: 3 Nov 2015 1:26

Tgt Ion:172 Resp: 1920151
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.6 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

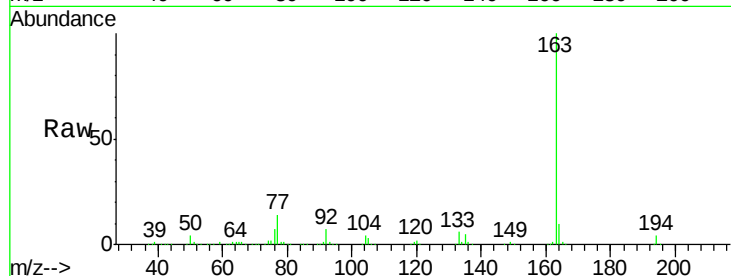




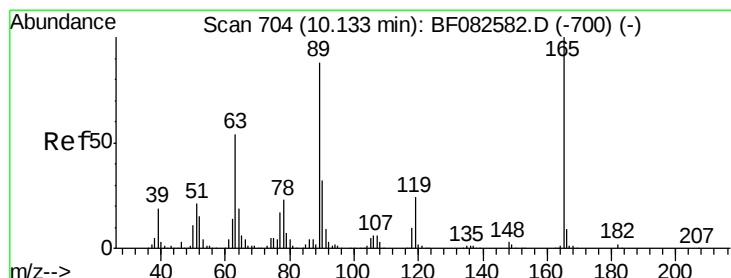
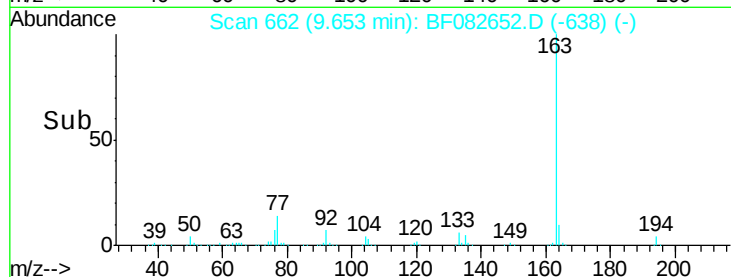
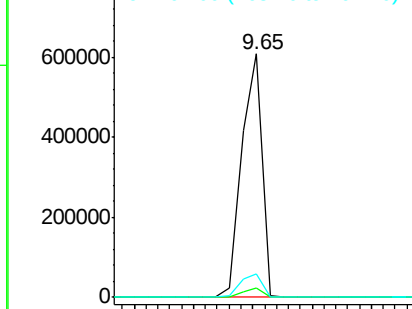
#49
Dimethylphthalate
Concen: 27.90 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082652.D
Acq: 3 Nov 2015 1:26

Instrument :
BNA_F
ClientSampleId :
T-20C

Tgt Ion:163 Resp: 723343
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.8 8.7 13.1

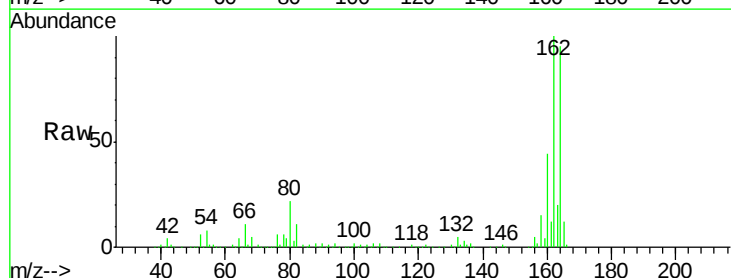


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

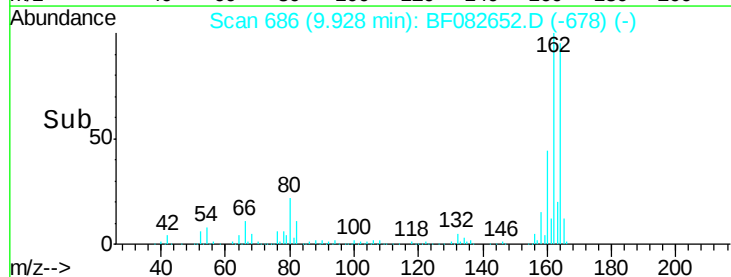
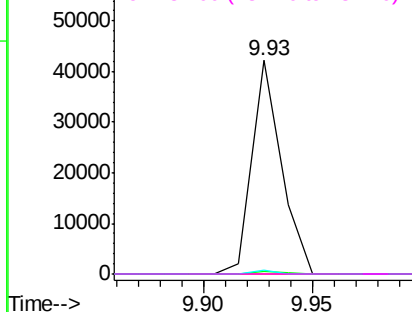


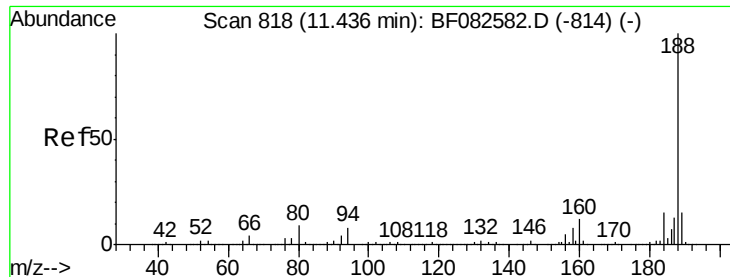
#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF082652.D
Acq: 3 Nov 2015 1:26

Tgt Ion:165 Resp: 39730
Ion Ratio Lower Upper
165 100
63 1.4 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

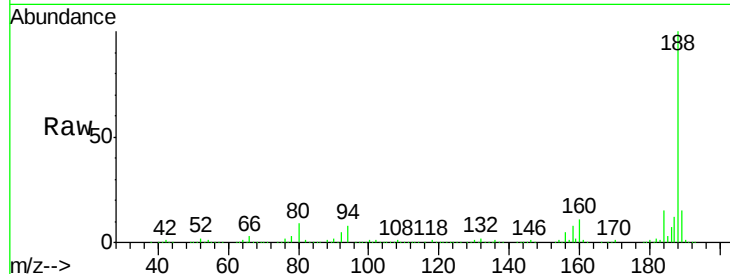




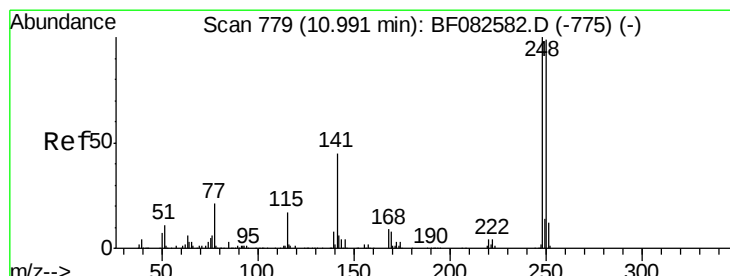
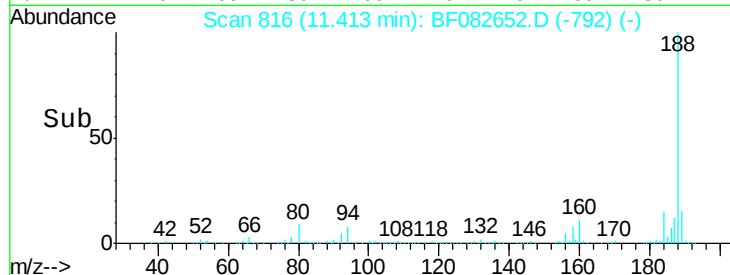
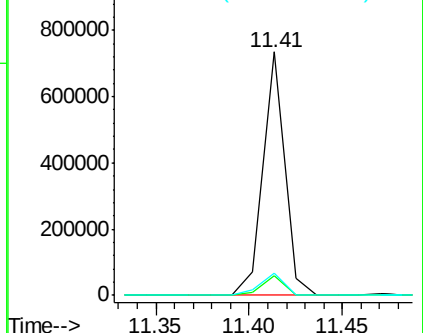
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082652.D
 Acq: 3 Nov 2015 1:26

Instrument :
 BNA_F
 ClientSampleId :
 T-20C

Tgt Ion:188 Resp: 589579
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.1 9.1
 80 9.0 7.0 10.6

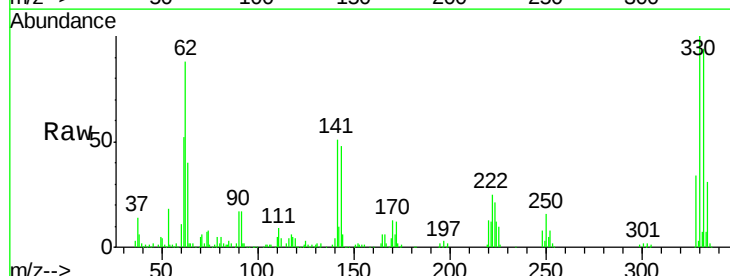


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

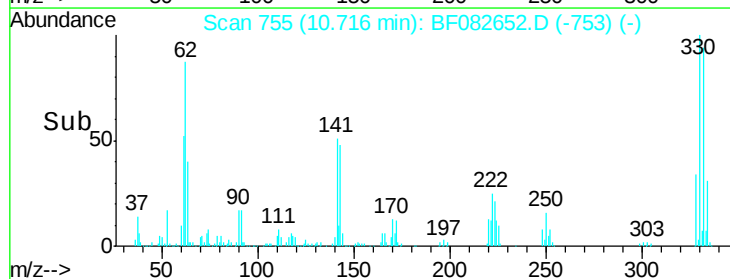
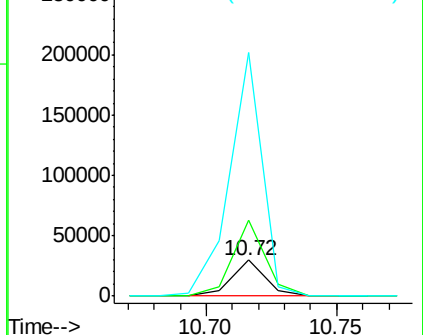


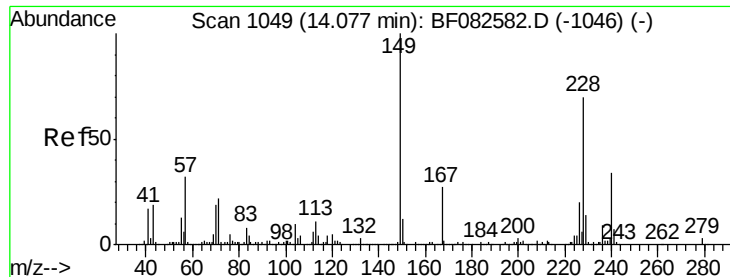
#66
 4-Bromophenyl-phenylether
 Concen: 3.99 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF082652.D
 Acq: 3 Nov 2015 1:26

Tgt Ion:248 Resp: 26691
 Ion Ratio Lower Upper
 248 100
 250 211.2 79.4 119.2#
 141 673.0 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF082652.D

Acq: 3 Nov 2015 1:26

Instrument :

BNA_F

ClientSampleId :

T-20C

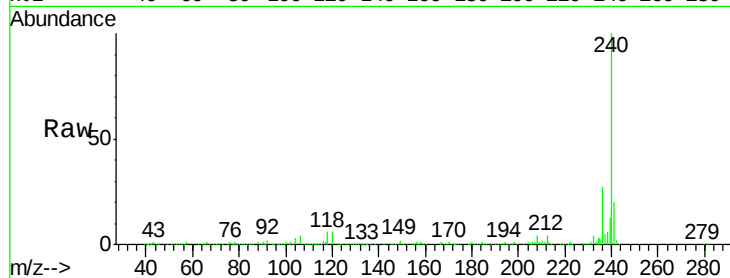
Tgt Ion:240 Resp: 468642

Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

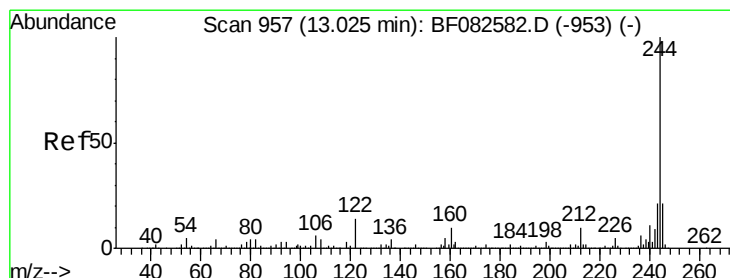
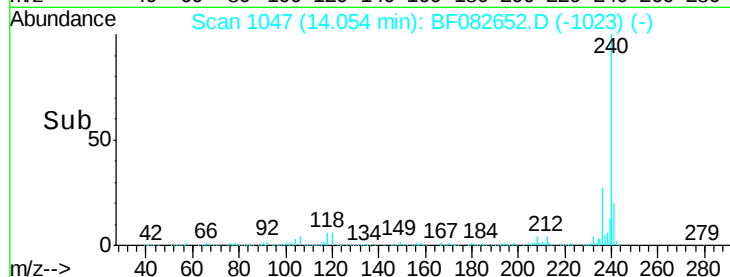
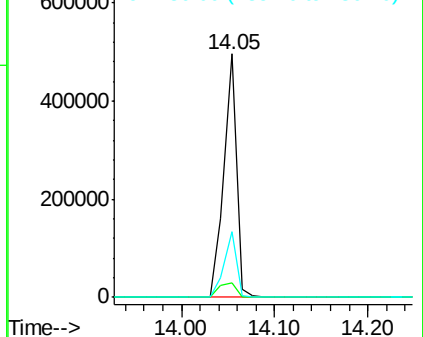
236 27.1 21.6 32.4



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: 71.15 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF082652.D

Acq: 3 Nov 2015 1:26

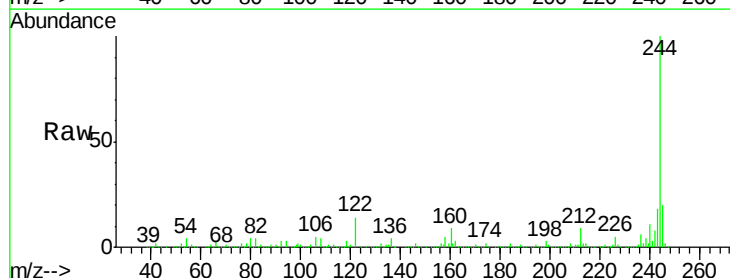
Tgt Ion:244 Resp: 1523689

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

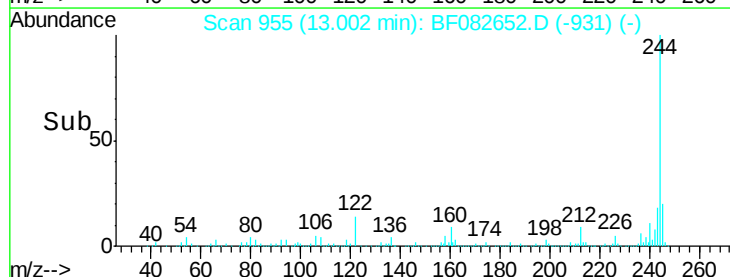
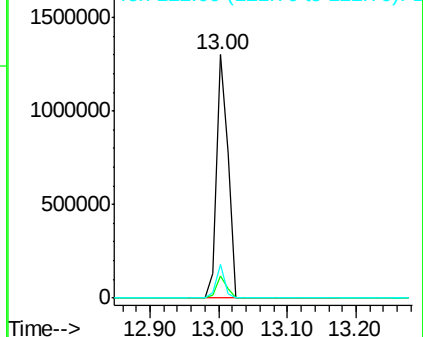
122 13.9 11.3 16.9

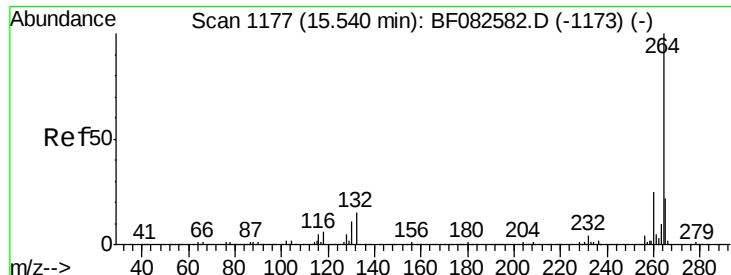


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

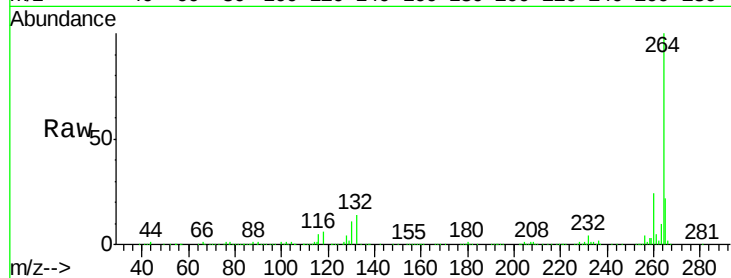




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.05 min
Lab File: BF082652.D
Acq: 3 Nov 2015 1:26

Instrument :
BNA_F
ClientSampleId :
T-20C

Tgt Ion: 264 Resp: 391328
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 21.5 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

