

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082620.D
 Acq On : 31 Oct 2015 14:36
 Operator : UM/IZ
 Sample : G4191-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-24-C

Quant Time: Nov 02 00:32:11 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

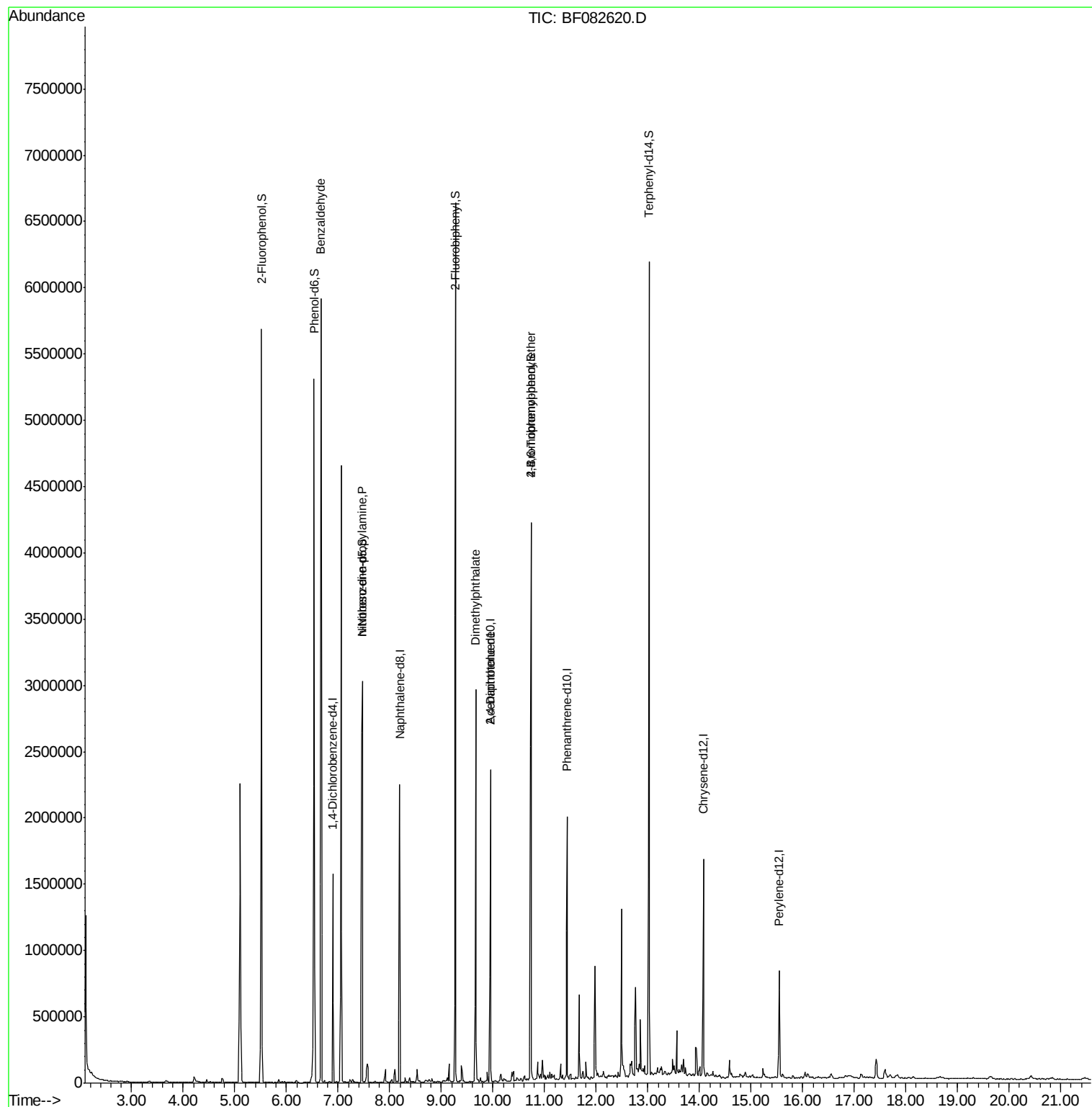
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	216560	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	889827	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	474142	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	850506	20.00	ng	0.00
75) Chrysene-d12	14.08	240	561937	20.00	ng	0.00
86) Perylene-d12	15.54	264	456296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1460942	101.61	ng	0.01
7) Phenol-d6	6.53	99	1867271	97.75	ng	0.00
23) Nitrobenzene-d5	7.47	82	1502813	68.97	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	559043	107.74	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2282369	68.34	ng	0.00
78) Terphenyl-d14	13.03	244	1700840	66.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	45211	3.47	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.47	70	213660	14.76	ng	# 66
49) Dimethylphthalate	9.66	163	1075582	27.78	ng	100
56) 2,4-Dinitrotoluene	9.95	165	61944	5.71	ng	# 15
66) 4-Bromophenyl-phenylether	10.74	248	40344	4.19	ng	# 1

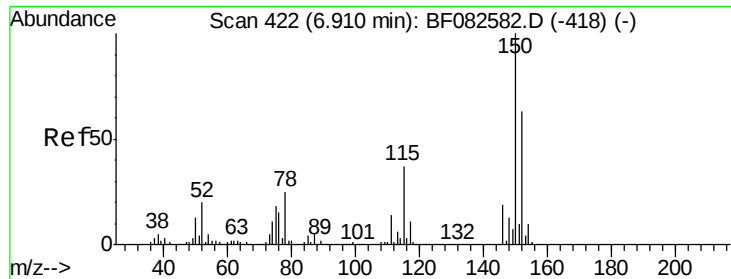
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

T-24-C

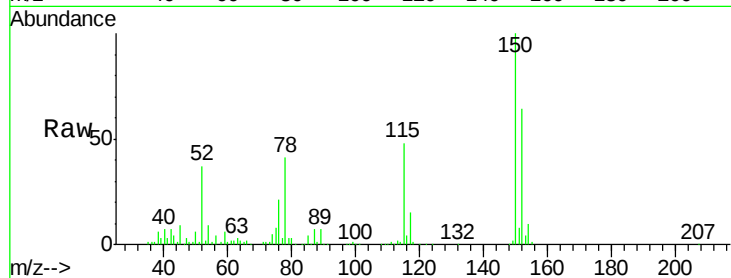
Tgt Ion:152 Resp: 216560

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

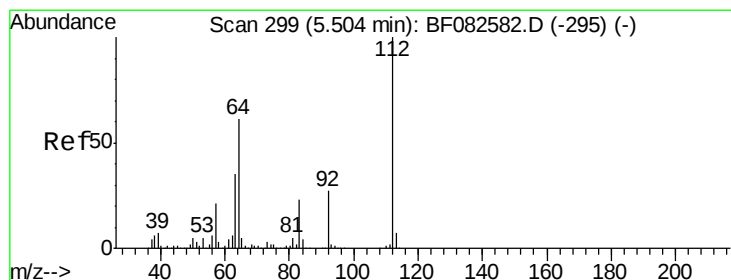
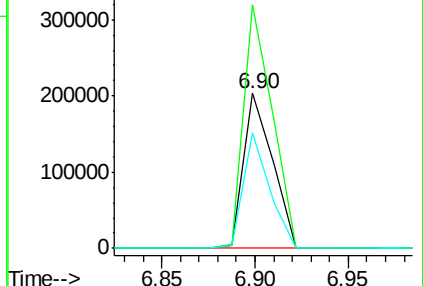
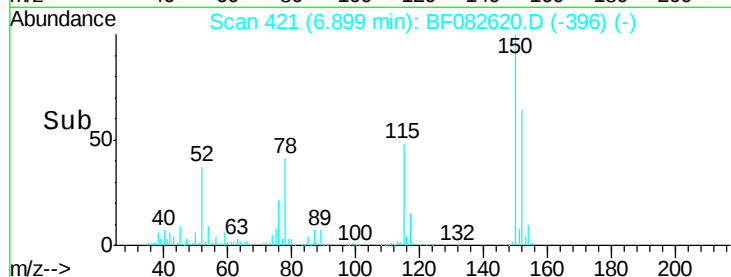
115 74.9 47.0 70.6#



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: 101.61 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

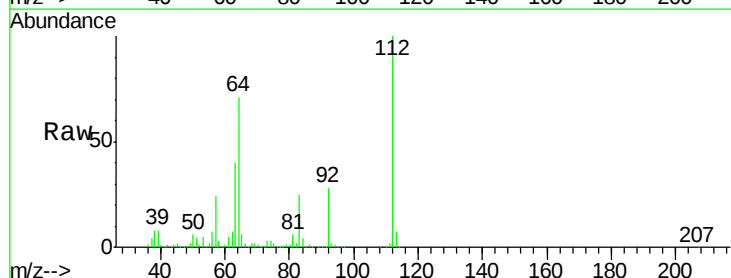
Tgt Ion:112 Resp: 1460942

Ion Ratio Lower Upper

112 100

64 70.6 48.9 73.3

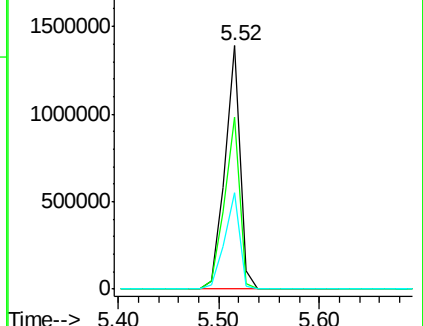
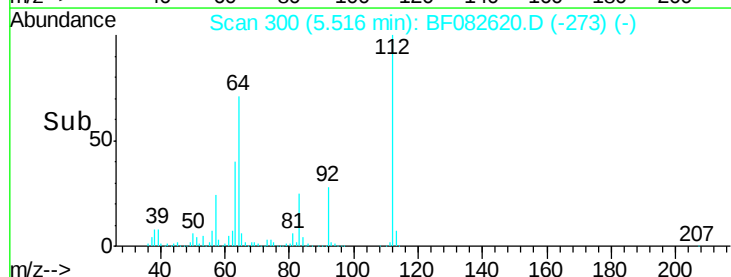
63 39.6 28.1 42.1

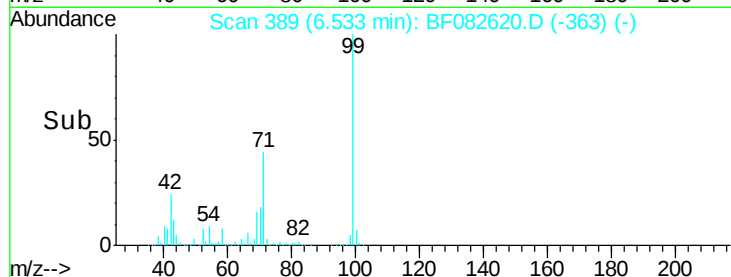
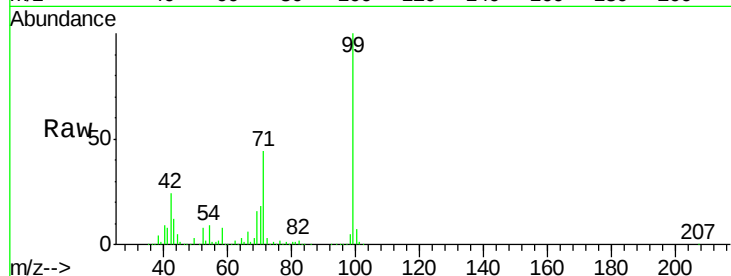
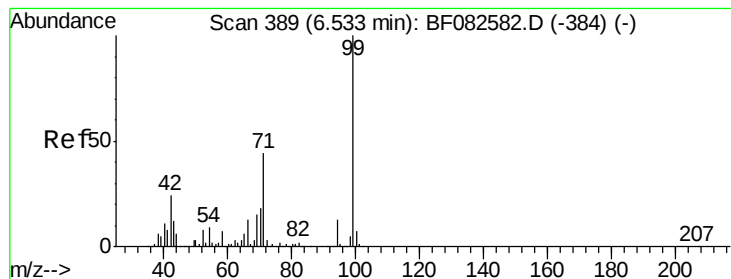


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.75 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

T-24-C

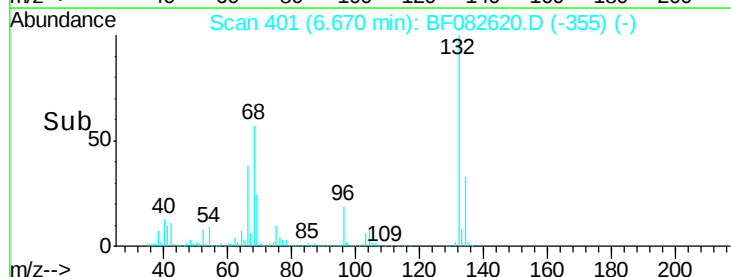
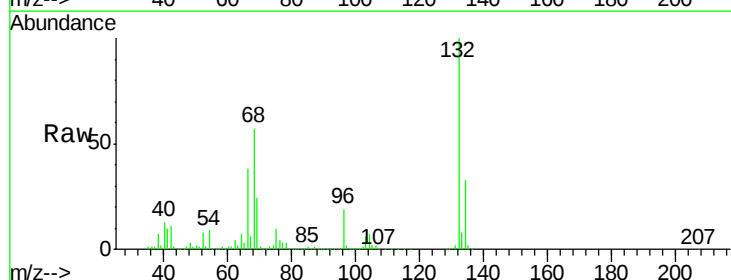
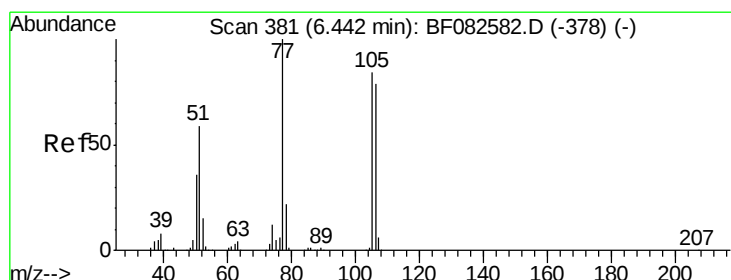
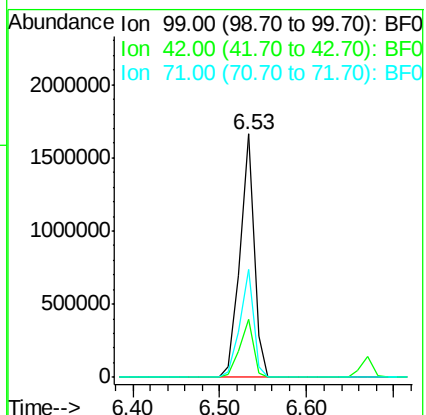
Tgt Ion: 99 Resp: 1867271

Ion Ratio Lower Upper

99 100

42 23.9 19.2 28.8

71 44.2 35.0 52.4



#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

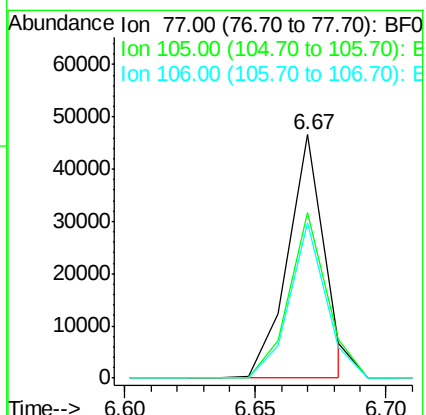
Tgt Ion: 77 Resp: 45211

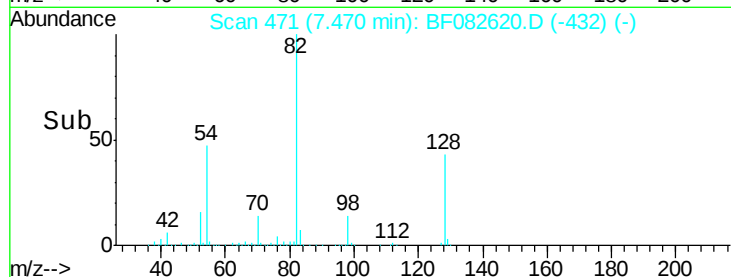
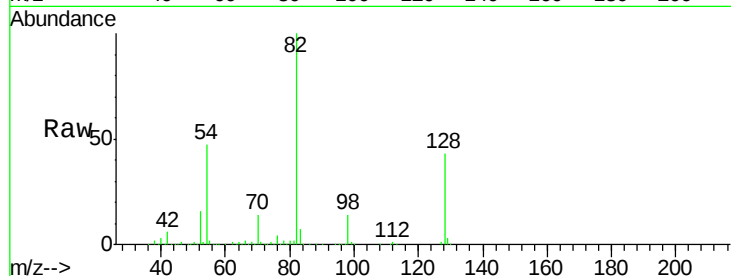
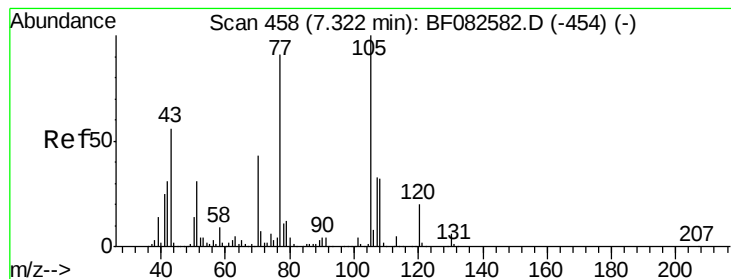
Ion Ratio Lower Upper

77 100

105 68.1 63.5 103.5

106 63.6 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 14.76 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

T-24-C

Tgt Ion: 70 Resp: 213660

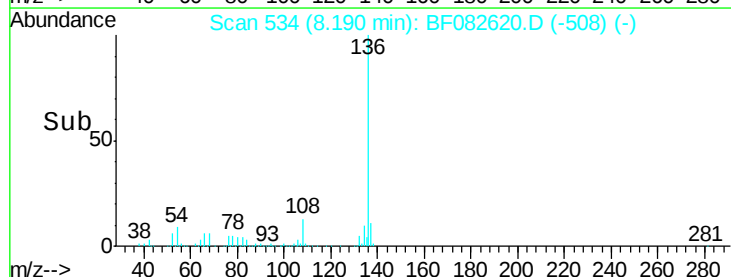
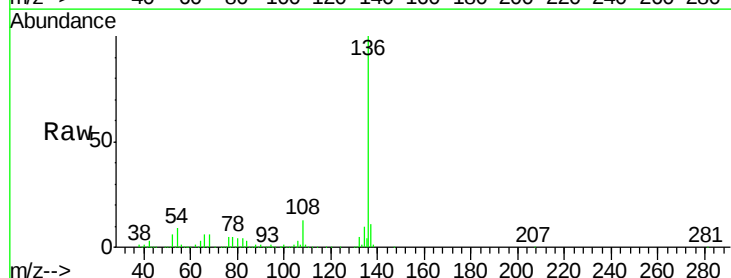
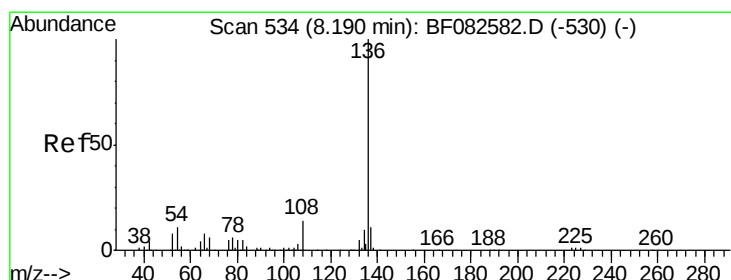
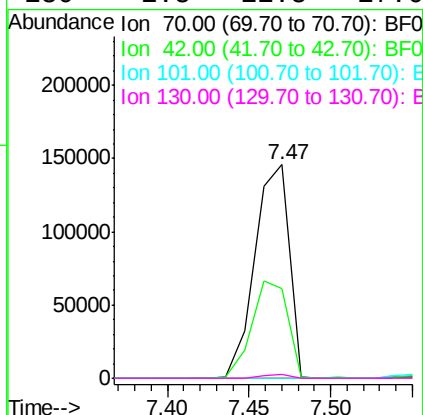
Ion Ratio Lower Upper

70 100

42 41.9 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: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Tgt Ion: 136 Resp: 889827

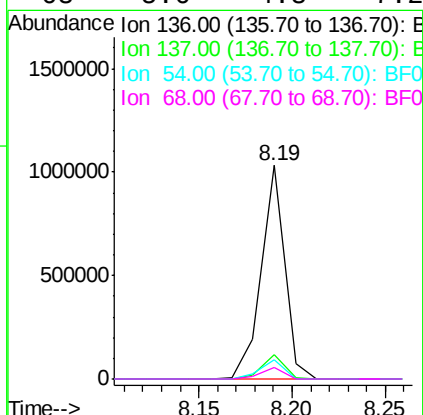
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 9.1 13.7#

68 5.6 4.8 7.2

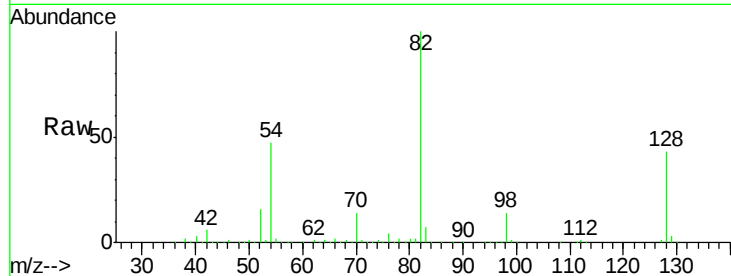




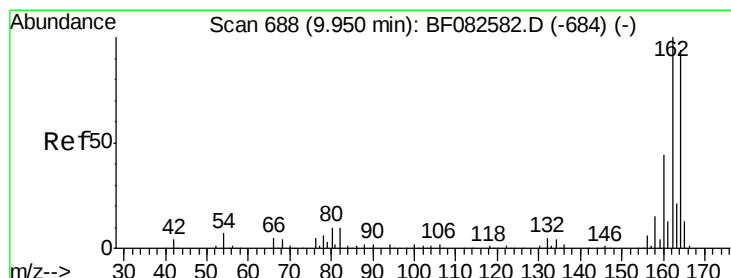
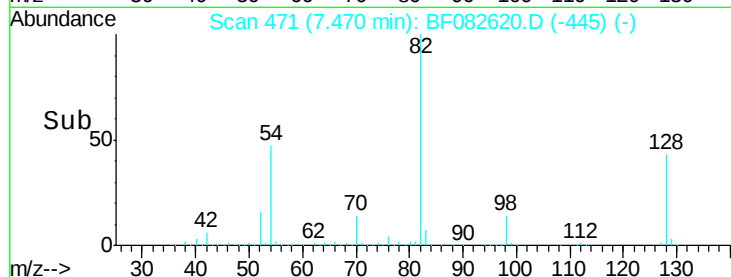
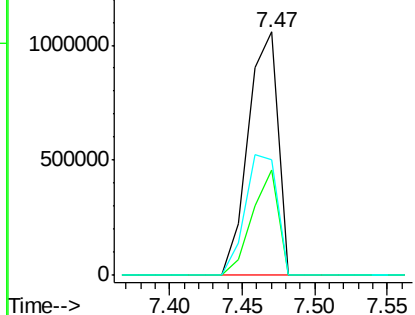
#23
 Nitrobenzene-d5
 Concen: 68.97 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082620.D
 Acq: 31 Oct 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 T-24-C

Tgt Ion: 82 Resp: 1502813
 Ion Ratio Lower Upper
 82 100
 128 43.3 26.8 40.2#
 54 47.4 45.7 68.5

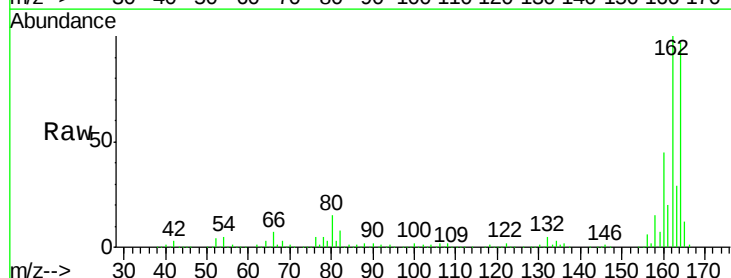


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

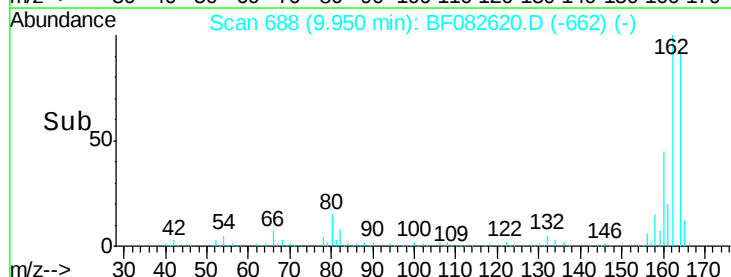
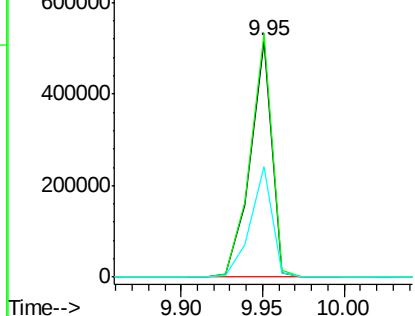


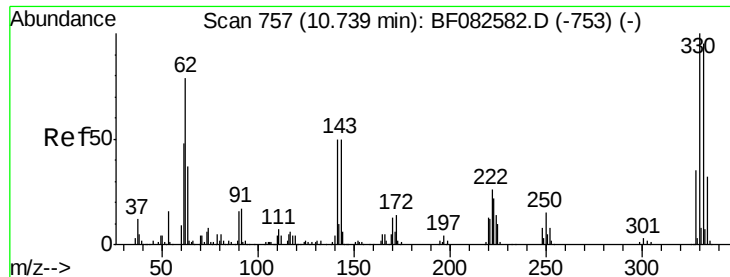
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082620.D
 Acq: 31 Oct 2015 14:36

Tgt Ion: 164 Resp: 474142
 Ion Ratio Lower Upper
 164 100
 162 103.1 84.9 127.3
 160 46.7 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

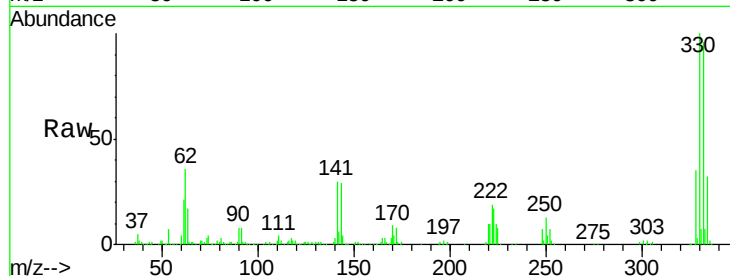




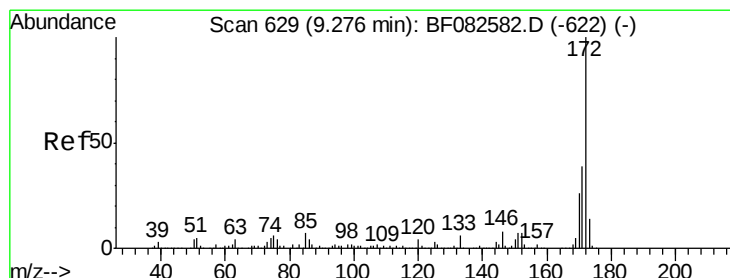
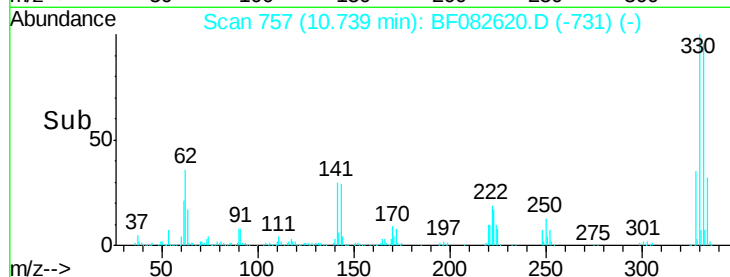
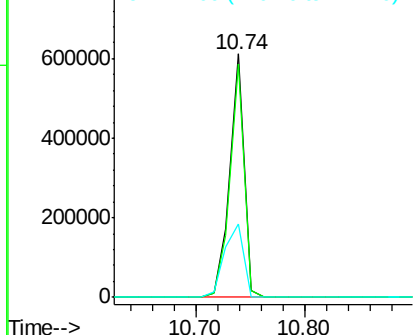
#41
 2,4,6-Tribromophenol
 Concen: 107.74 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082620.D
 Acq: 31 Oct 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 T-24-C

Tgt Ion:330 Resp: 559043
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 40.2 41.2 61.8#

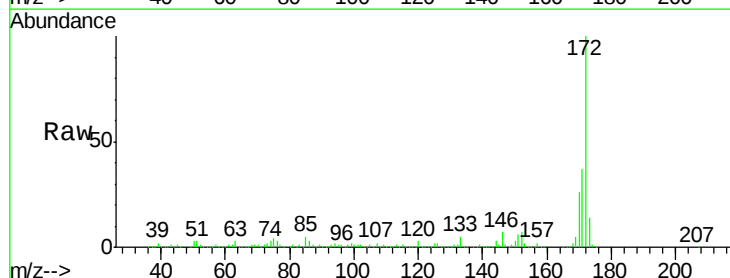


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

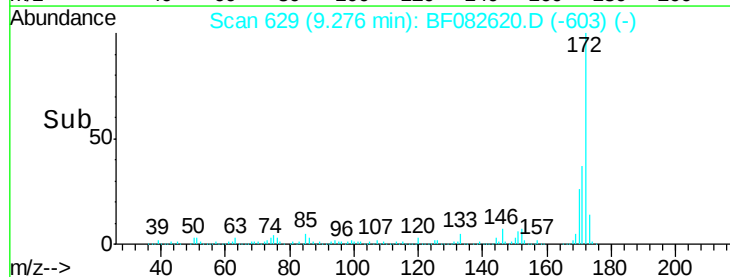
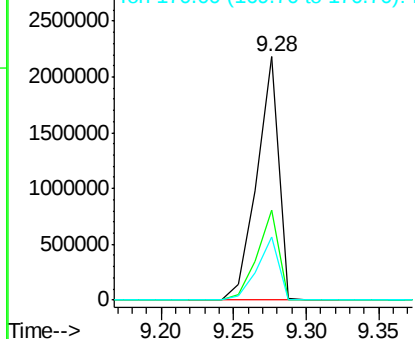


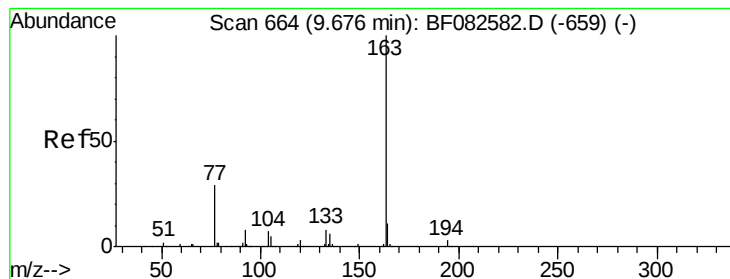
#44
 2-Fluorobiphenyl
 Concen: 68.34 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082620.D
 Acq: 31 Oct 2015 14:36

Tgt Ion:172 Resp: 2282369
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.7 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: 27.78 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

T-24-C

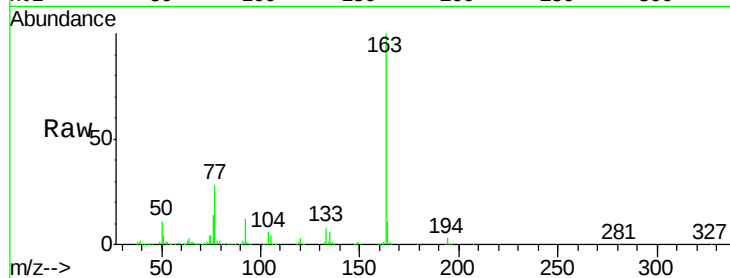
Tgt Ion:163 Resp: 1075582

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

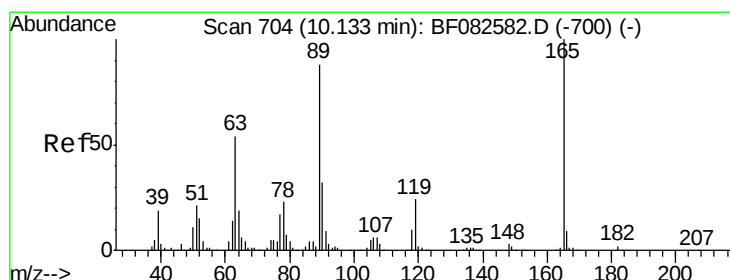
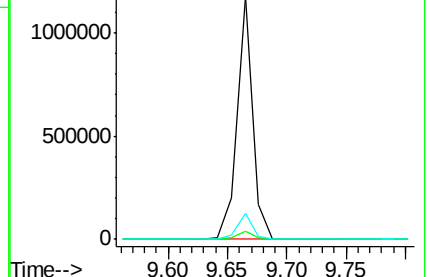
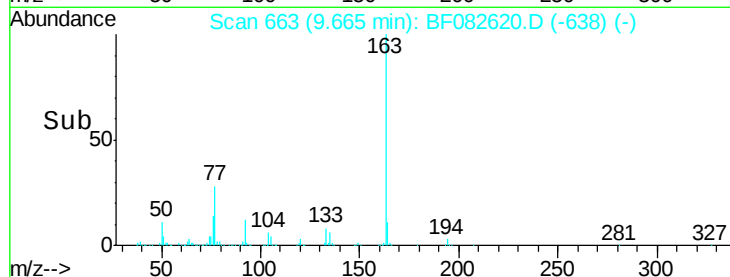
164 10.7 8.7 13.1



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: 5.71 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Tgt Ion:165 Resp: 61944

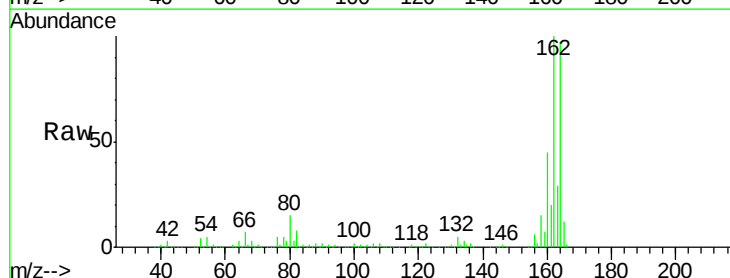
Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

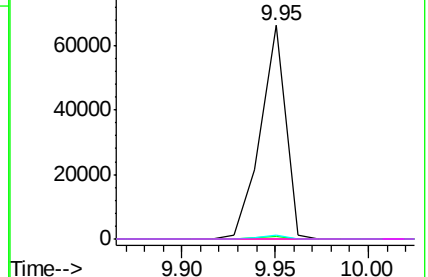
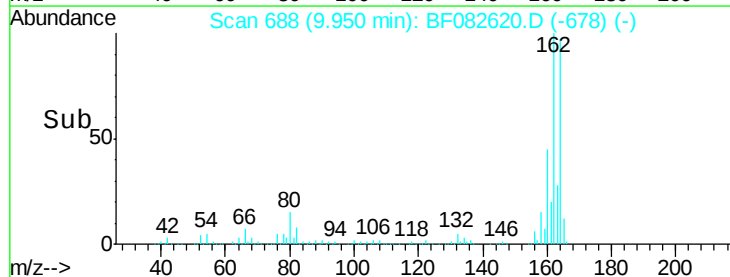


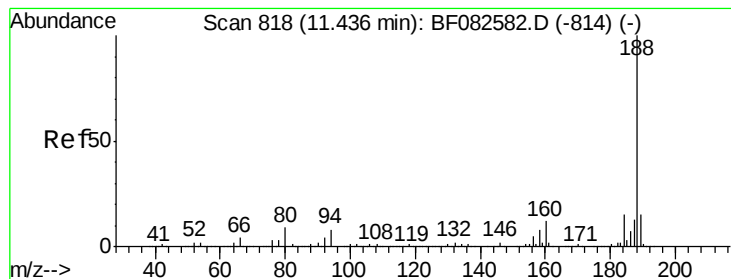
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Instrument :

BNA_F

ClientSampled :

T-24-C

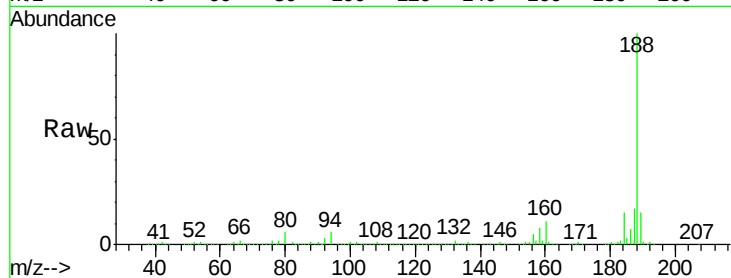
Tgt Ion:188 Resp: 850506

Ion Ratio Lower Upper

188 100

94 5.5 6.1 9.1#

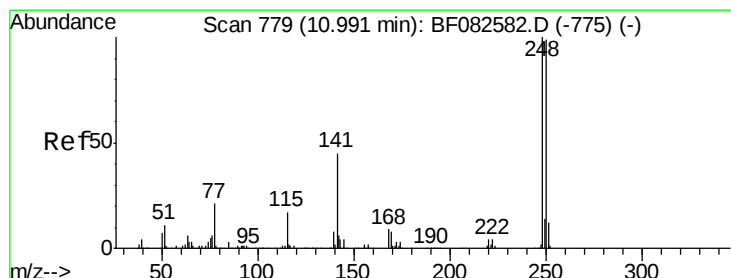
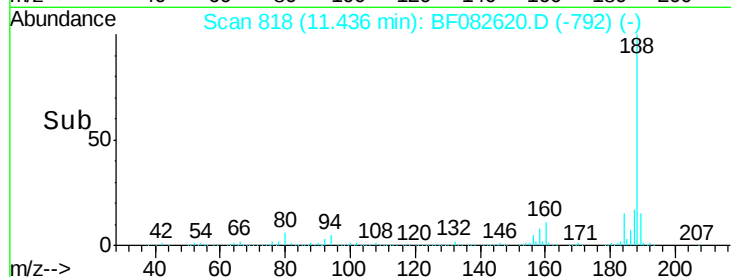
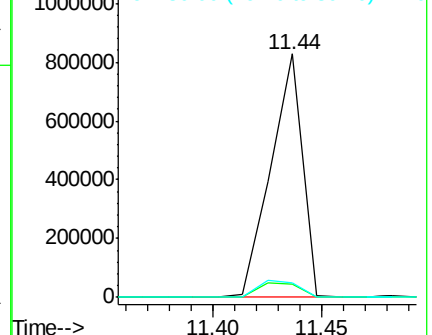
80 5.9 7.0 10.6#



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: 4.19 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

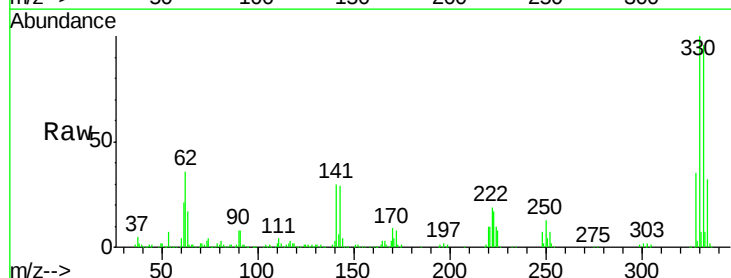
Tgt Ion:248 Resp: 40344

Ion Ratio Lower Upper

248 100

250 195.6 79.4 119.2#

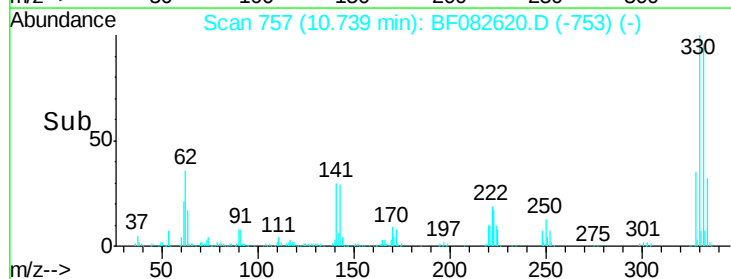
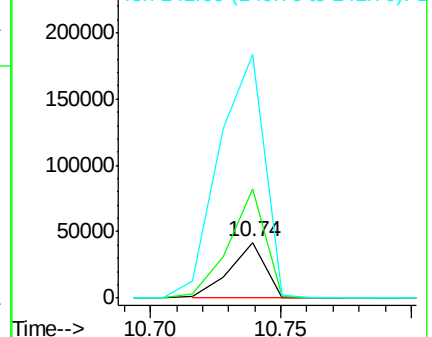
141 435.0 36.3 54.5#

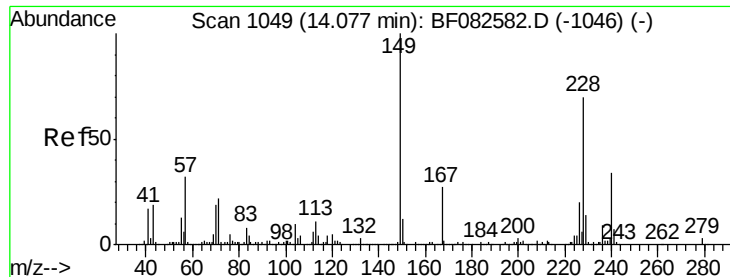


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

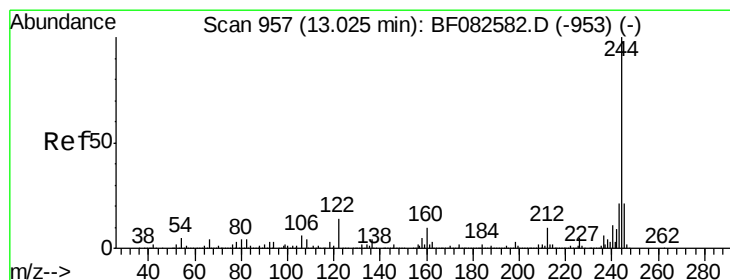
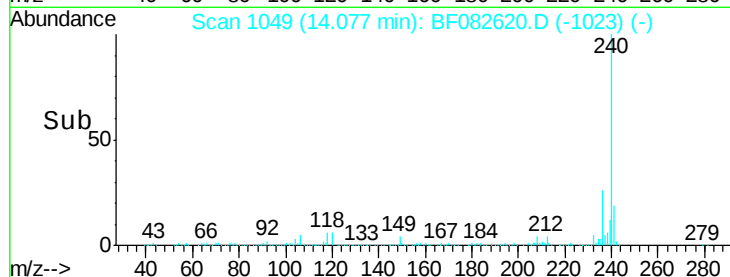
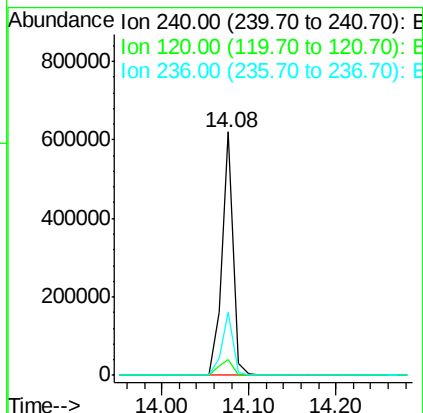
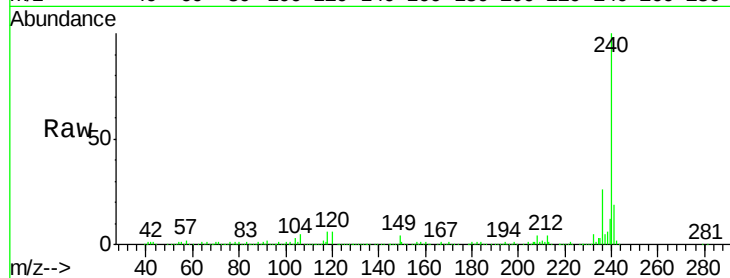
Instrument :

BNA_F

ClientSampleId :

T-24-C

Tgt Ion:240 Resp: 561937
 Ion Ratio Lower Upper
 240 100
 120 6.3 10.9 16.3#
 236 26.0 21.6 32.4



#78

Terphenyl-d14

Concen: 66.24 ng

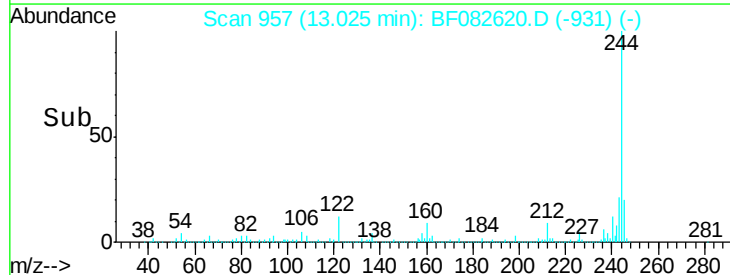
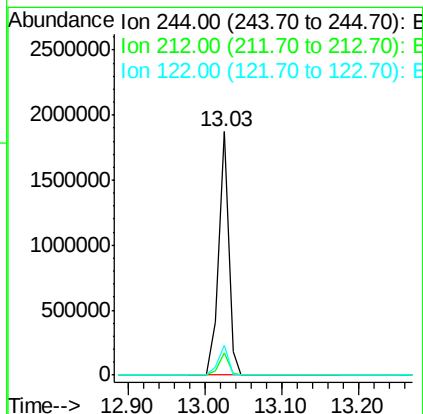
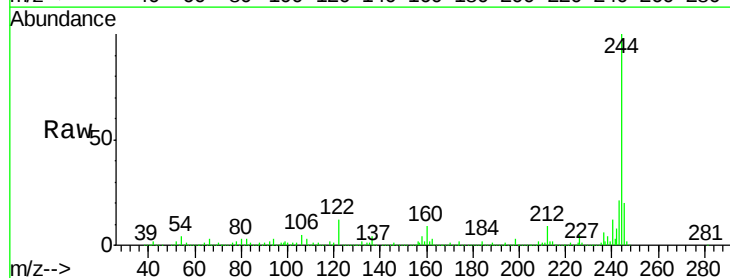
RT: 13.03 min Scan# 957

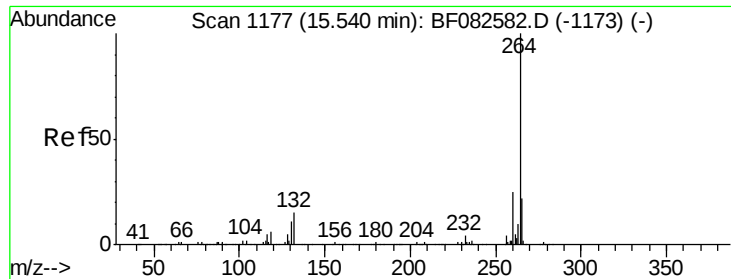
Delta R.T. -0.00 min

Lab File: BF082620.D

Acq: 31 Oct 2015 14:36

Tgt Ion:244 Resp: 1700840
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 12.0 11.3 16.9

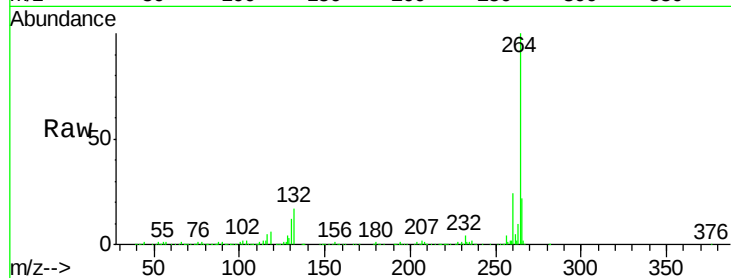




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082620.D
Acq: 31 Oct 2015 14:36

Instrument :
BNA_F
ClientSampleId :
T-24-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.3	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

