

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081955.D
 Acq On : 1 Oct 2015 23:13
 Operator : UM/IZ
 Sample : G3799-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Quant Time: Oct 02 02:01:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

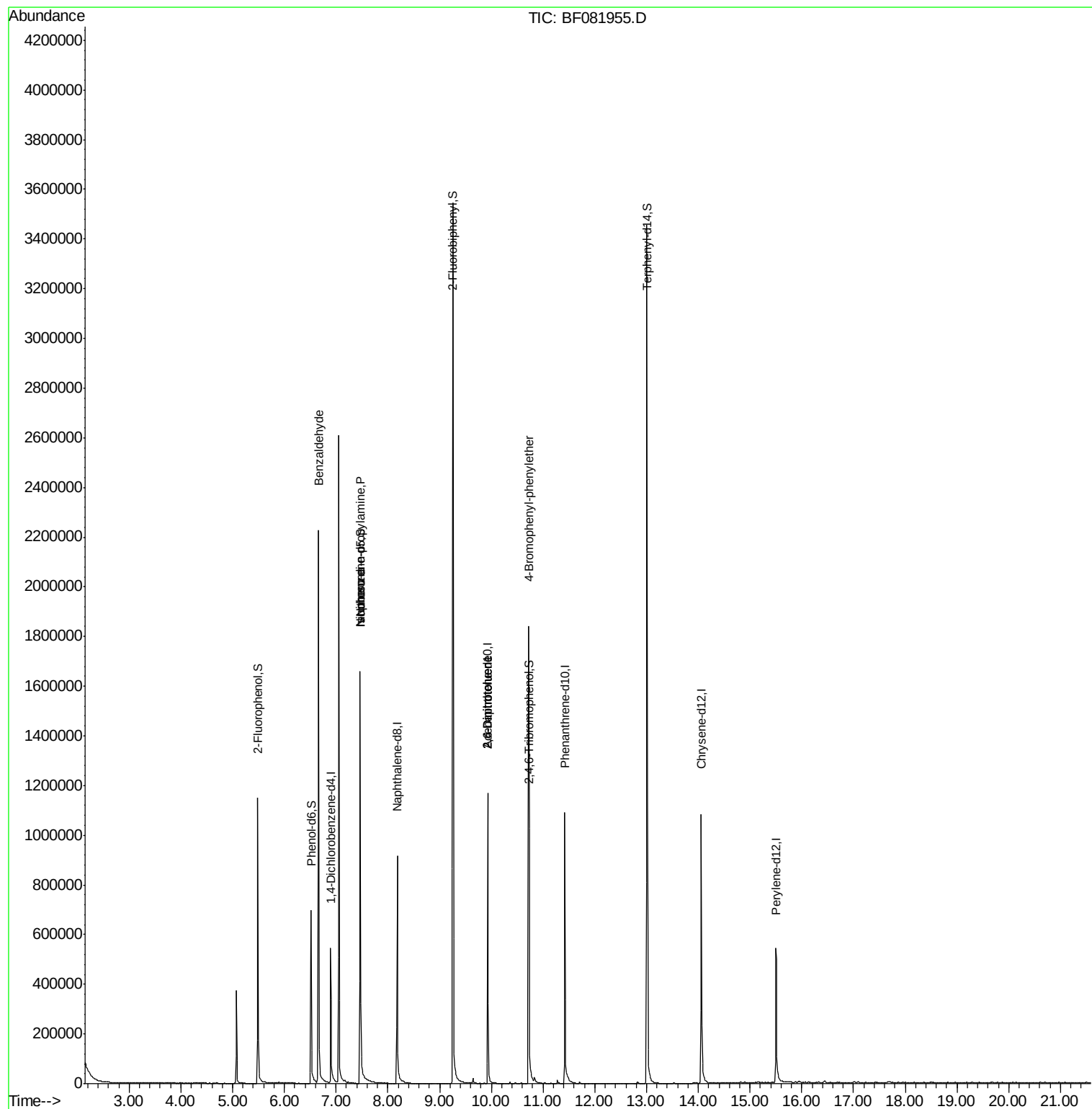
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128624	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	528963	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	254881	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	522886	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	507752	20.00	ng	-0.06
86) Perylene-d12	15.51	264	377343	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	338470	47.77	ng	-0.03
7) Phenol-d6	6.51	99	280603	31.47	ng	-0.05
23) Nitrobenzene-d5	7.46	82	689739	86.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	332626	128.86	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1300627	85.48	ng	-0.05
78) Terphenyl-d14	13.01	244	1384771	89.34	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.66	77	15379	2.63	ng	# 66
19) n-Nitroso-di-n-propylamine	7.46	70	86150	15.90	ng	# 58
25) Isophorone	7.46	82	588170	37.40	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	31786	8.32	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	32270	6.63	ng	# 33
57) Fluorene	10.72	166	11957	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.72	248	20257	3.84	ng	# 1
73) Di-n-butylphthalate	11.98	149	1137	Below Cal	#	78

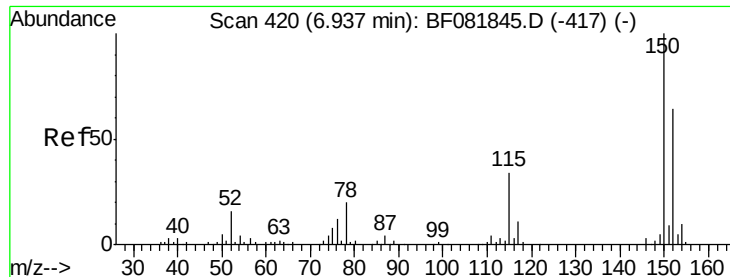
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081955.D
Acq On : 1 Oct 2015 23:13
Operator : UM/IZ
Sample : G3799-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0484

Quant Time: Oct 02 02:01:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

Instrument :

BNA_F

ClientSampleId :

S8-0484

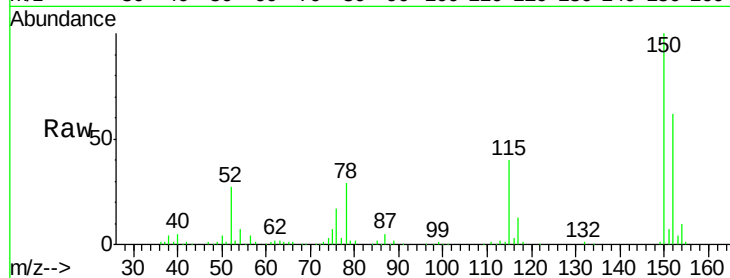
Tgt Ion:152 Resp: 128624

Ion Ratio Lower Upper

152 100

150 161.6 124.7 187.1

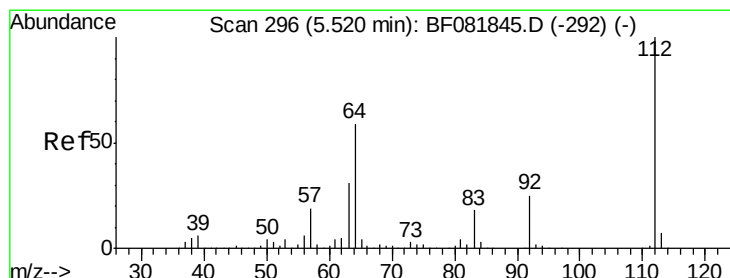
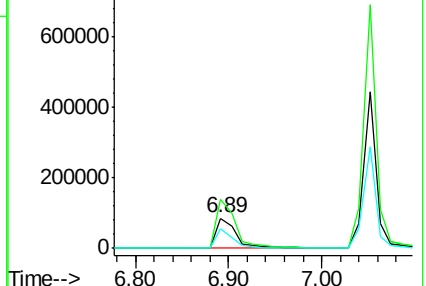
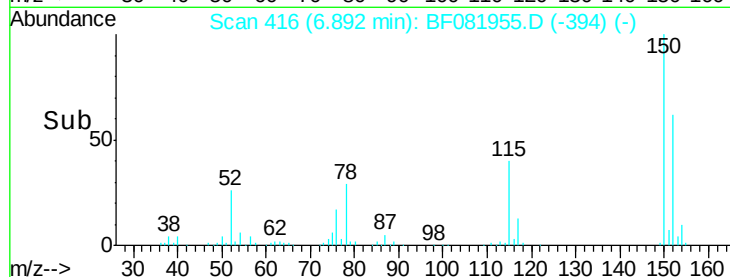
115 64.6 39.0 58.4#



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: 47.77 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

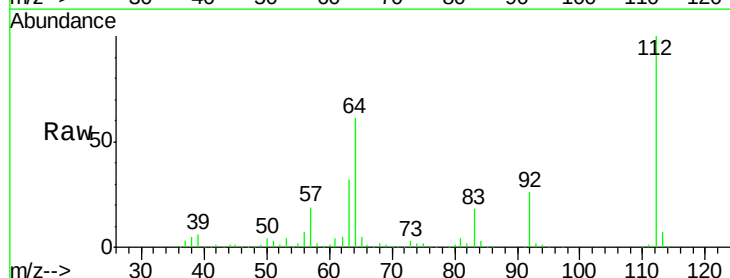
Tgt Ion:112 Resp: 338470

Ion Ratio Lower Upper

112 100

64 60.7 39.7 59.5#

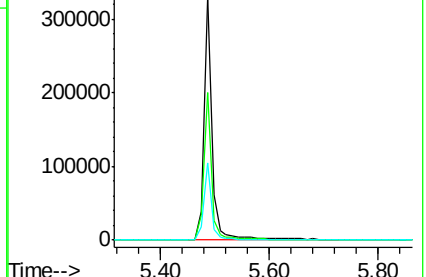
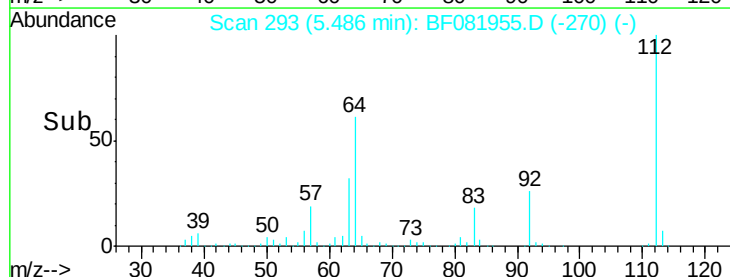
63 31.6 17.4 26.0#

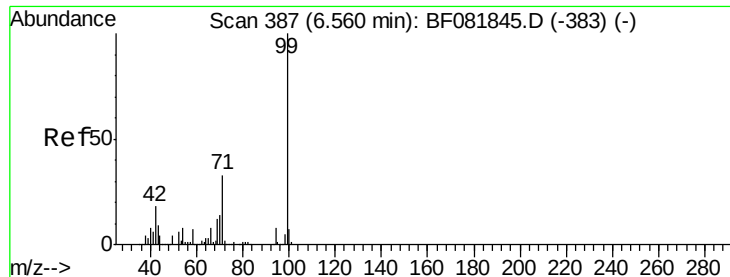


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.47 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

Instrument :

BNA_F

ClientSampleId :

S8-0484

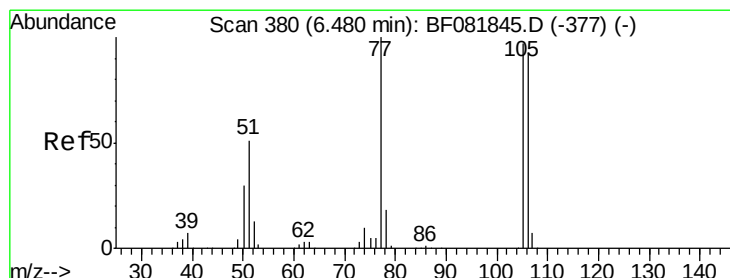
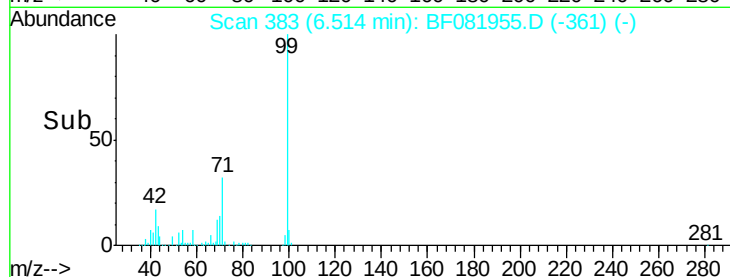
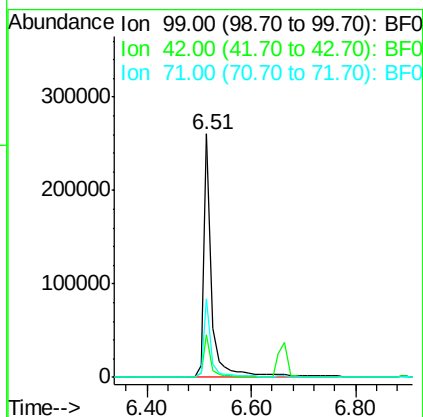
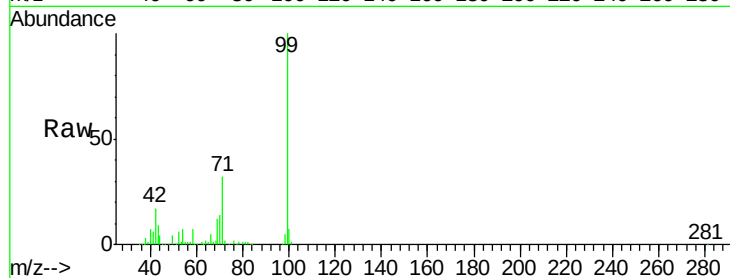
Tgt Ion: 99 Resp: 280603

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 32.1 14.2 21.2#



#9

Benzaldehyde

Concen: 2.63 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.18 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

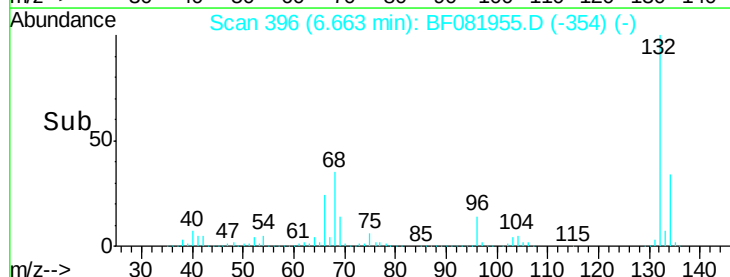
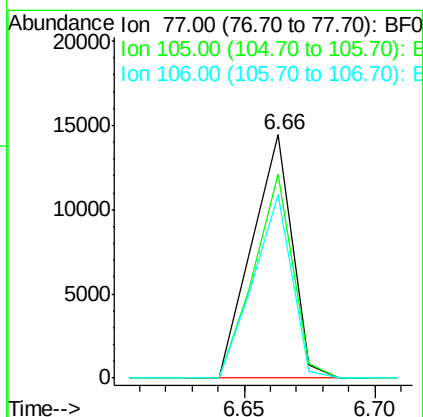
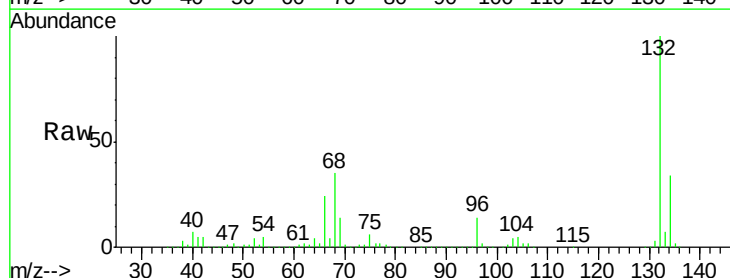
Tgt Ion: 77 Resp: 15379

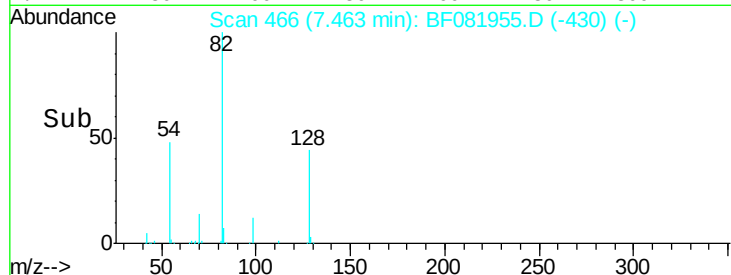
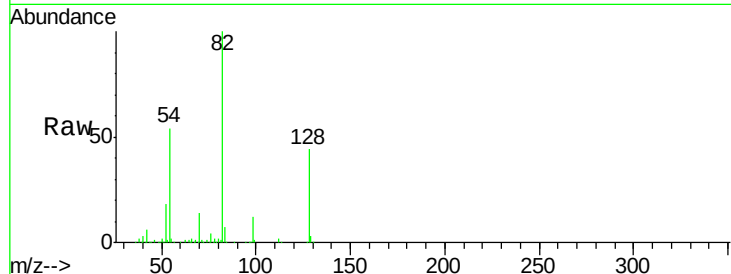
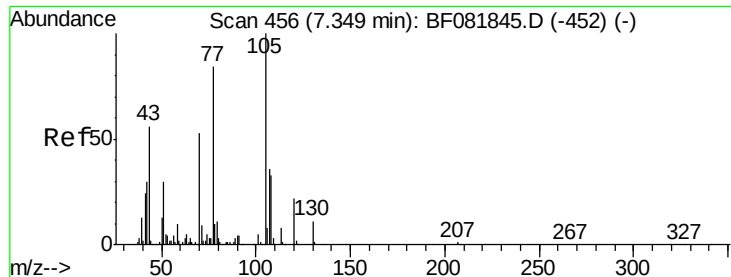
Ion Ratio Lower Upper

77 100

105 84.0 91.6 131.6#

106 75.6 102.6 142.6#

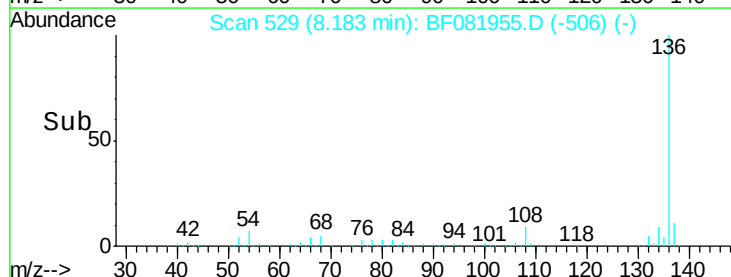
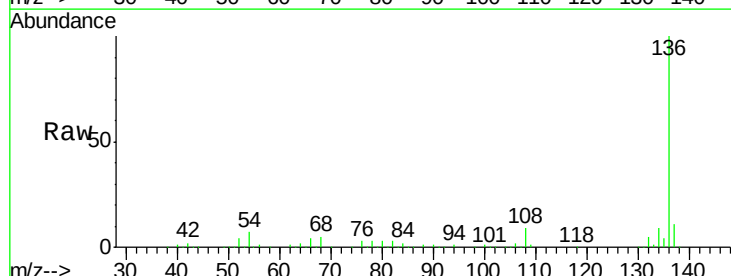
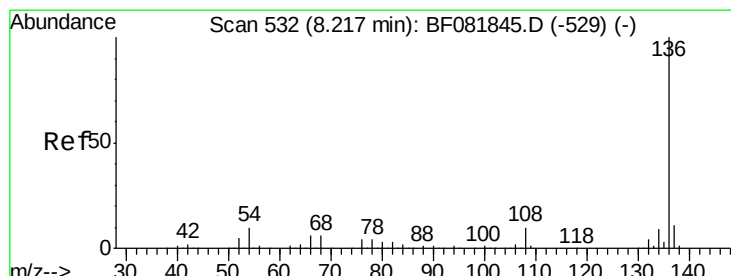
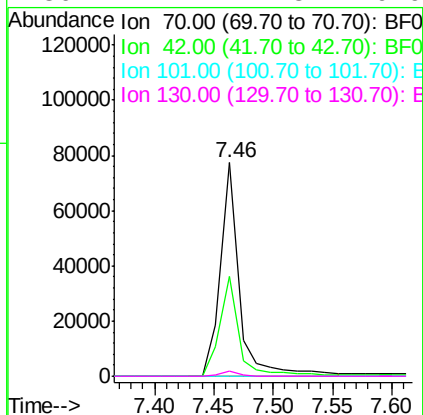




#19
n-Nitroso-di-n-propylamine
Concen: 15.90 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF081955.D
Acq: 1 Oct 2015 23:13

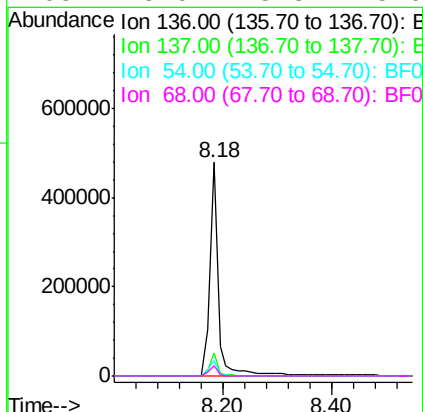
Instrument :
BNA_F
ClientSampleId :
S8-0484

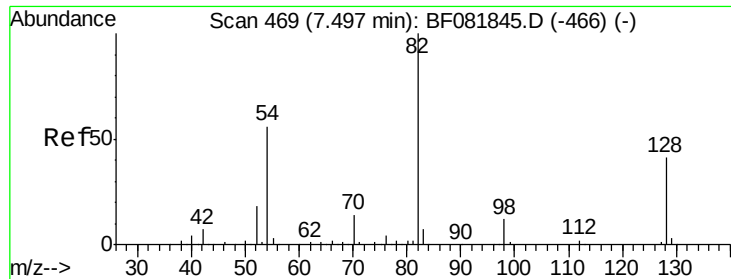
Tgt Ion:	70	Resp:	86150
Ion	Ratio	Lower	Upper
70	100		
42	46.6	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081955.D
Acq: 1 Oct 2015 23:13

Tgt Ion:	136	Resp:	528963
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.1	8.2	12.2#
68	5.0	5.8	8.6#

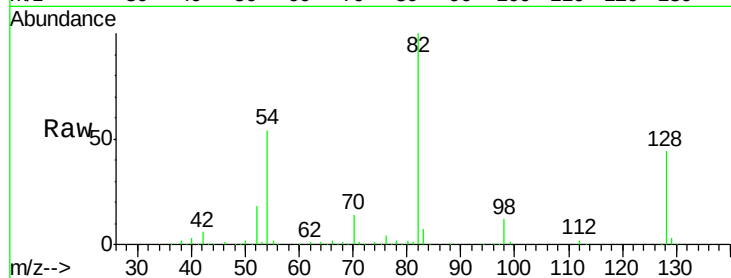




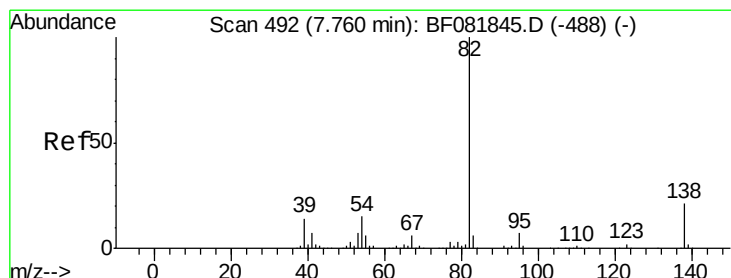
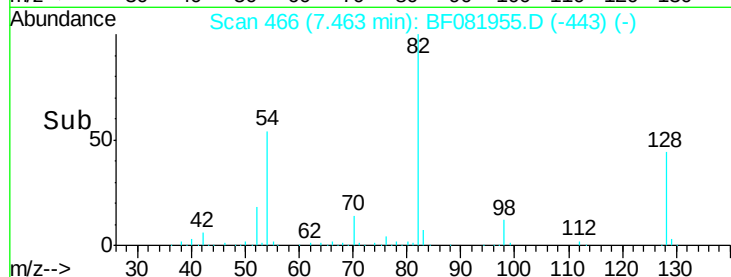
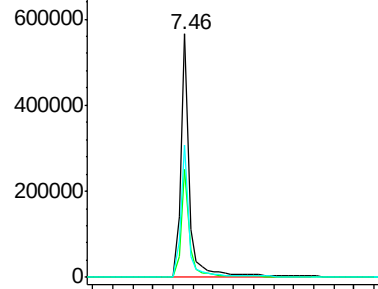
#23
 Nitrobenzene-d5
 Concen: 86.92 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Tgt Ion: 82 Resp: 689739
 Ion Ratio Lower Upper
 82 100
 128 44.2 51.0 76.6#
 54 54.4 47.5 71.3

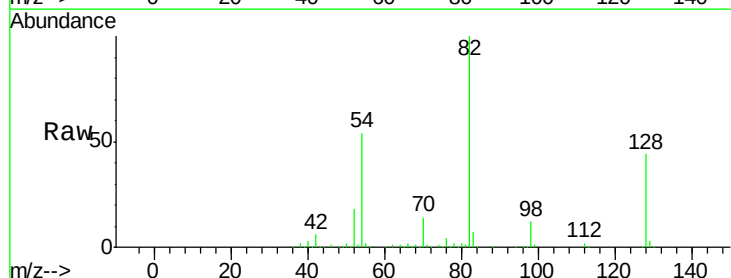


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

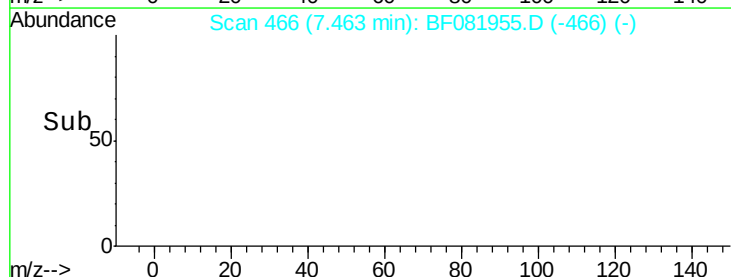
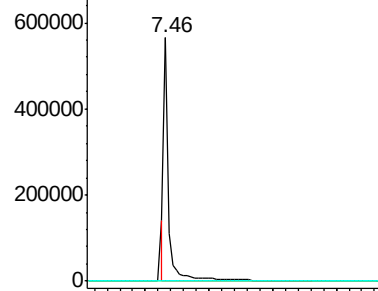


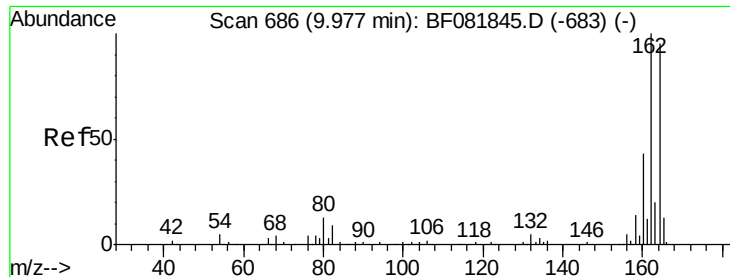
#25
 Isophorone
 Concen: 37.40 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.30 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion: 82 Resp: 588170
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

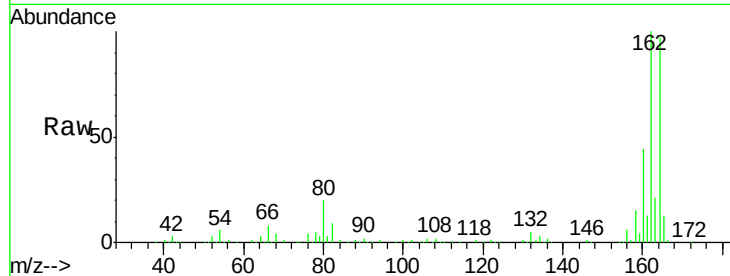




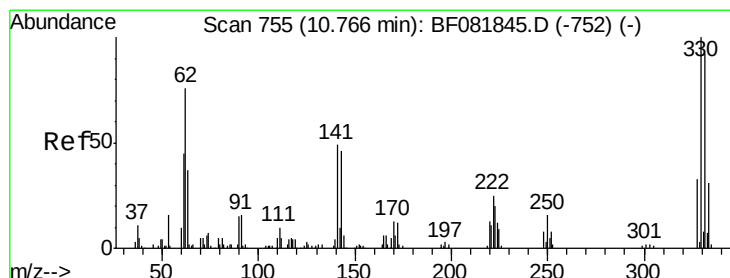
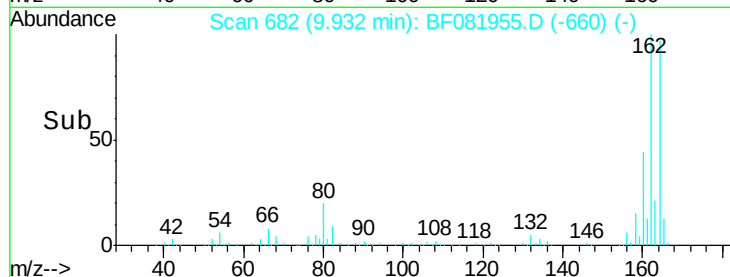
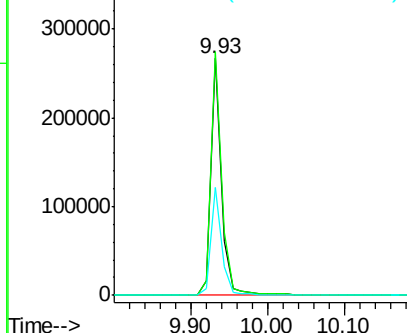
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Tgt Ion:164 Resp: 254881
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 45.6 31.5 47.3

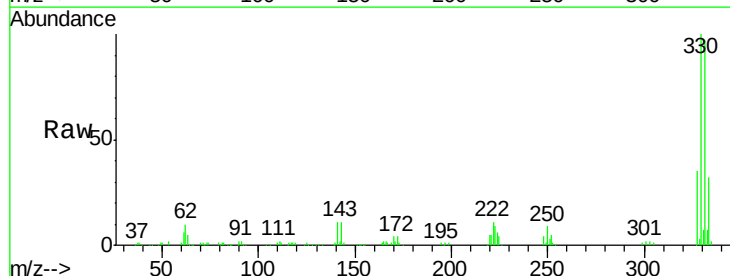


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

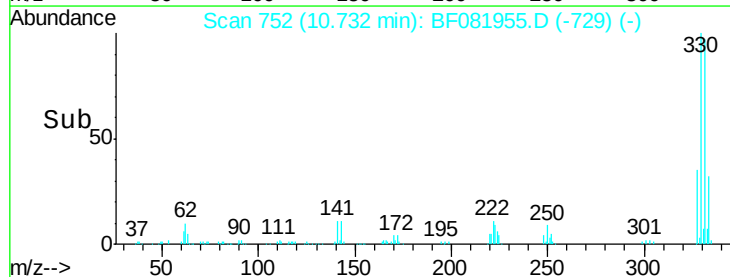
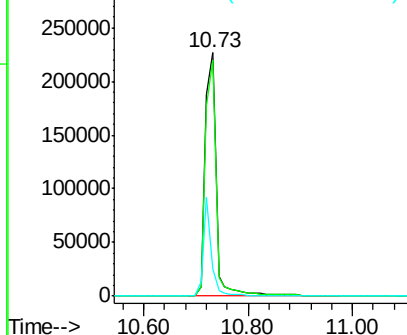


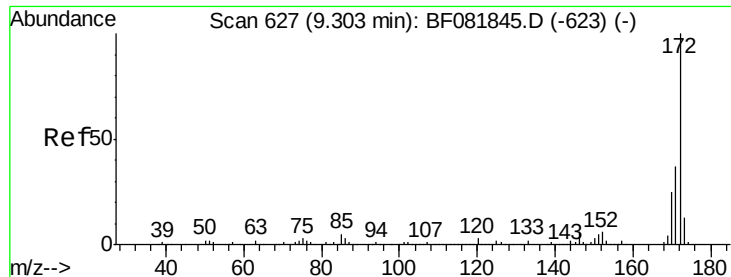
#41
 2,4,6-Tribromophenol
 Concen: 128.86 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion:330 Resp: 332626
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 30.9 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

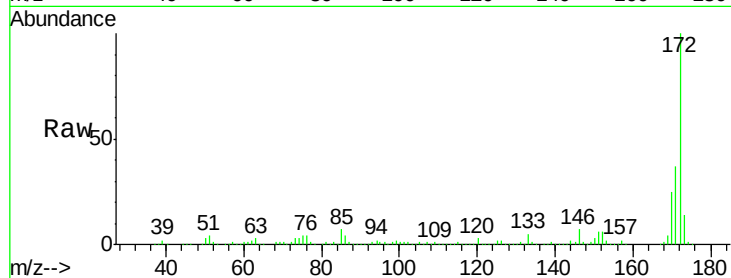




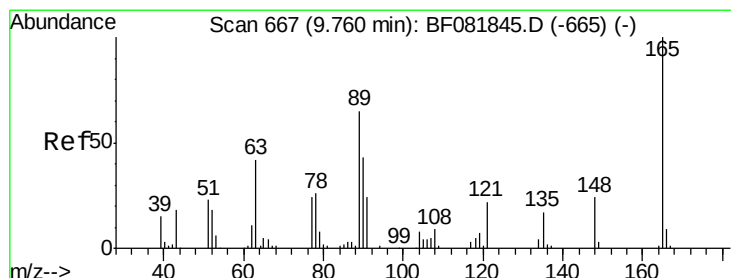
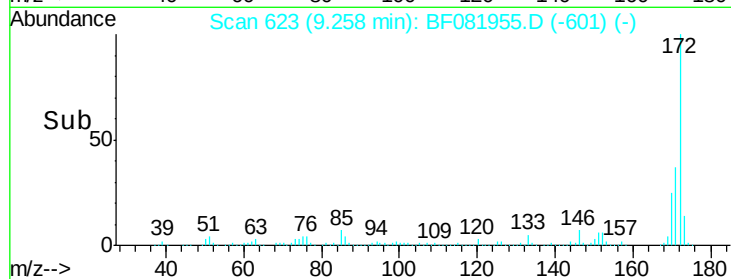
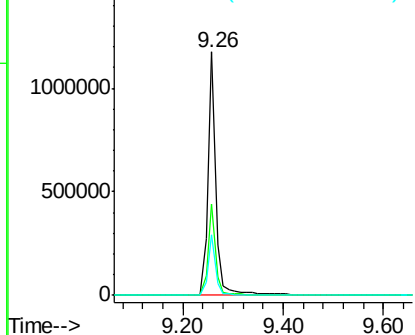
#44
 2-Fluorobiphenyl
 Concen: 85.48 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

Tgt Ion:172 Resp: 1300627
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.1 17.4 26.2

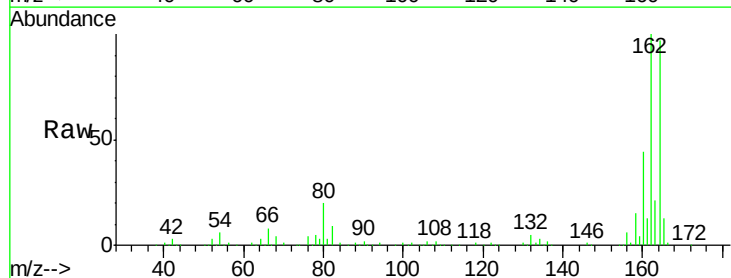


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

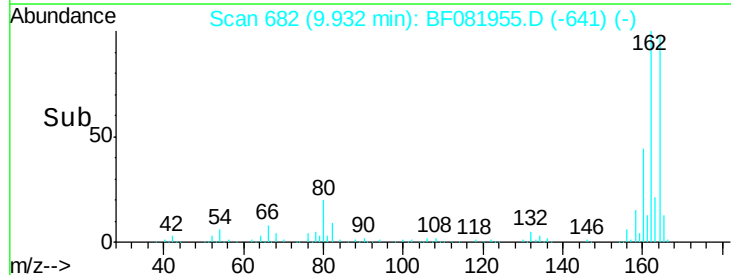
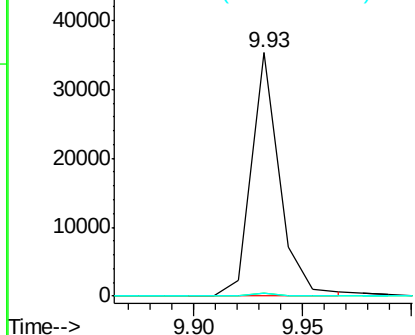


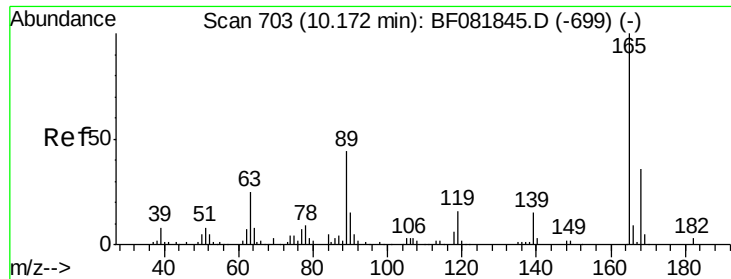
#50
 2,6-Dinitrotoluene
 Concen: 8.32 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion:165 Resp: 31786
 Ion Ratio Lower Upper
 165 100
 63 1.2 32.3 48.5#
 89 1.3 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

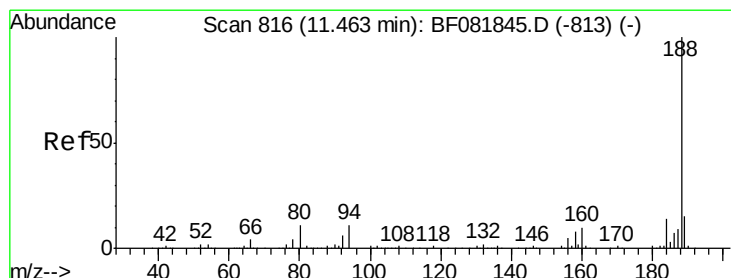
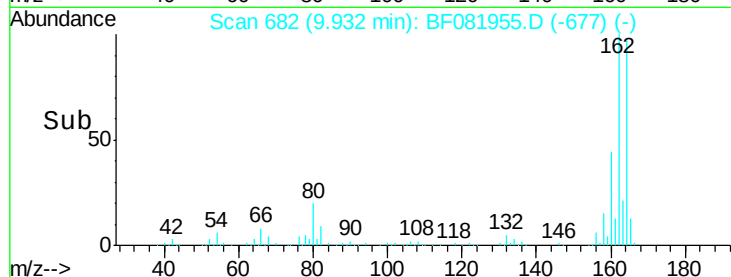
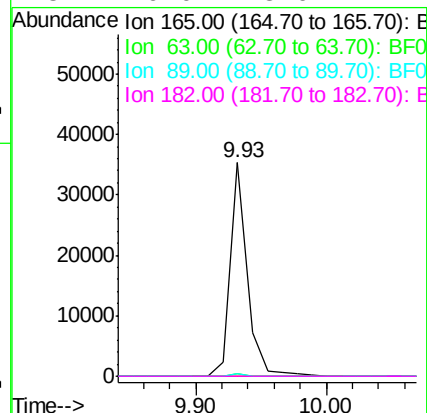
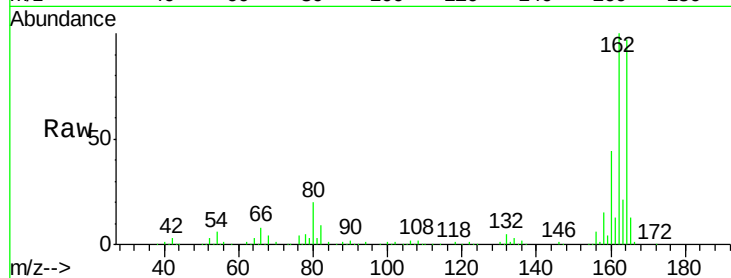




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

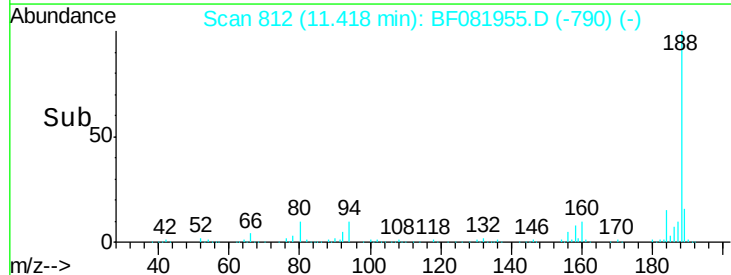
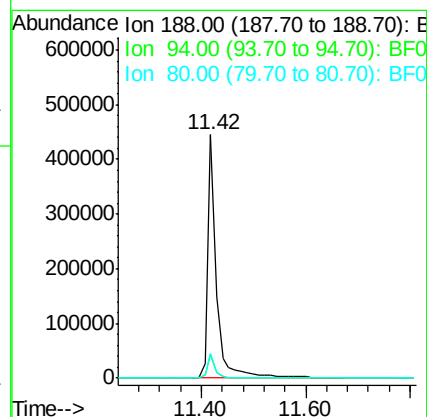
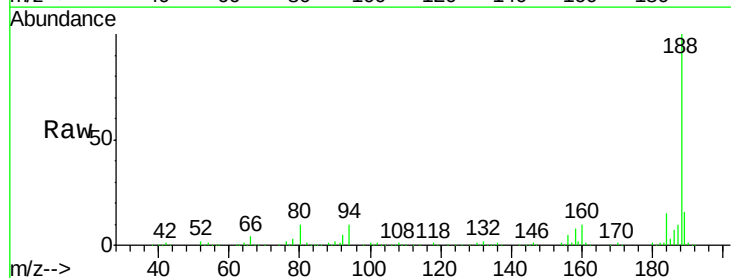
Instrument :
 BNA_F
 ClientSampled :
 S8-0484

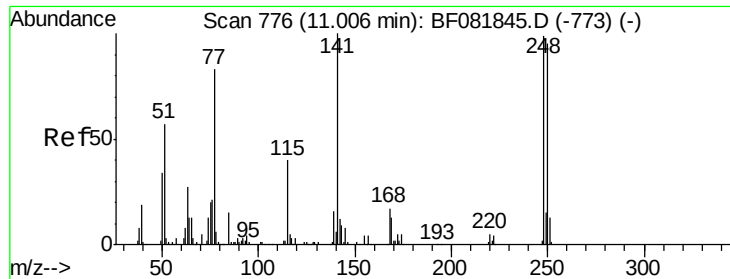
Tgt Ion:165 Resp: 32270
 Ion Ratio Lower Upper
 165 100
 63 1.2 29.8 44.6#
 89 1.3 44.5 66.7#
 182 0.0 3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion:188 Resp: 522886
 Ion Ratio Lower Upper
 188 100
 94 9.8 11.1 16.7#
 80 10.4 11.0 16.4#

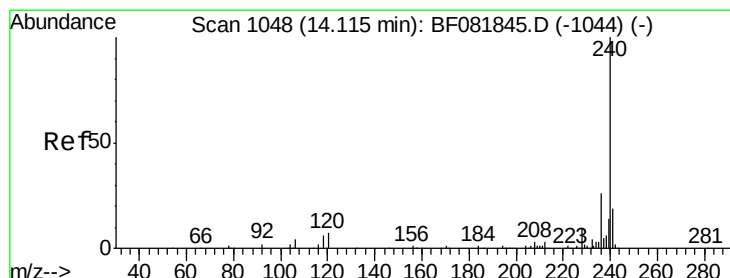
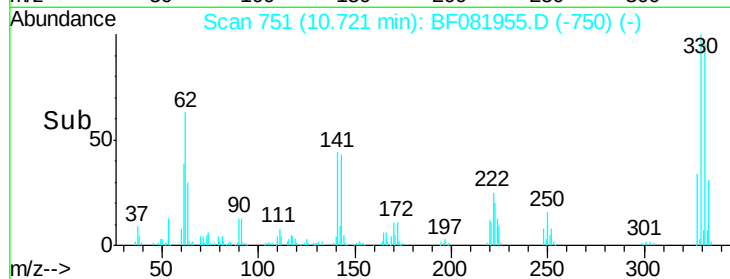
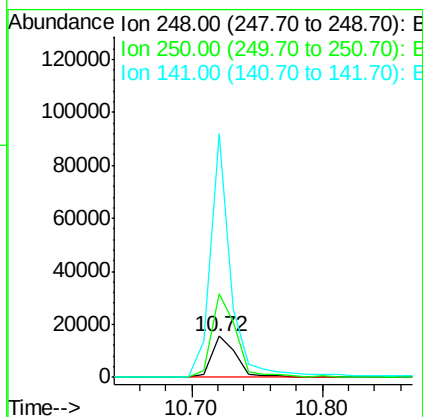
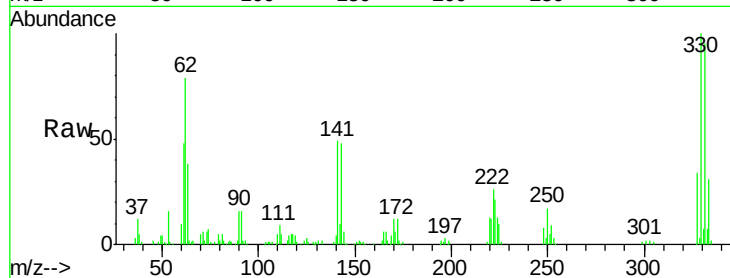




#66
 4-Bromophenyl-phenylether
 Concen: 3.84 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

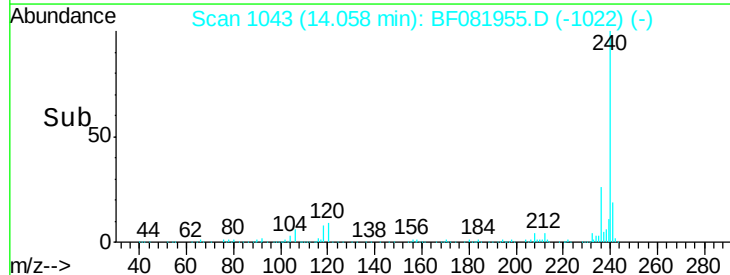
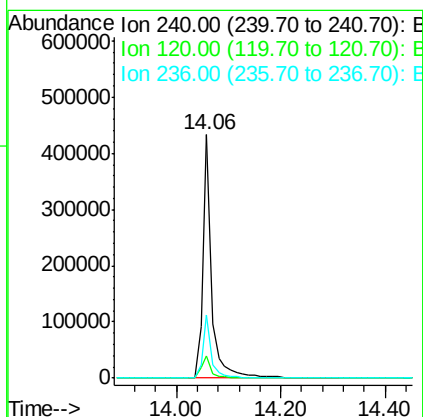
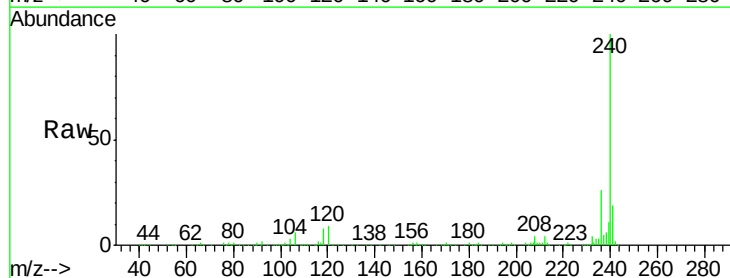
Instrument :
 BNA_F
 ClientSampleId :
 S8-0484

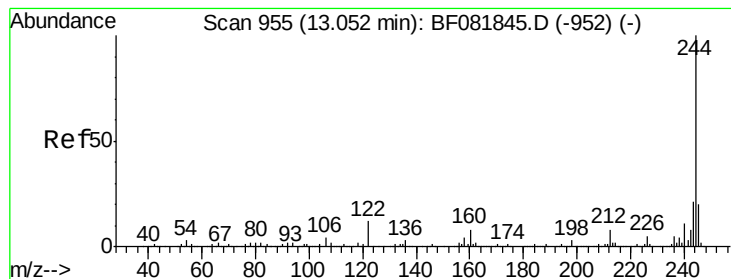
Tgt Ion:248 Resp: 20257
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.5 117.7#
 141 595.4 59.0 88.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF081955.D
 Acq: 1 Oct 2015 23:13

Tgt Ion:240 Resp: 507752
 Ion Ratio Lower Upper
 240 100
 120 8.9 16.2 24.2#
 236 26.0 18.4 27.6





#78

Terphenyl-d14

Concen: 89.34 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

Instrument :

BNA_F

ClientSampleId :

S8-0484

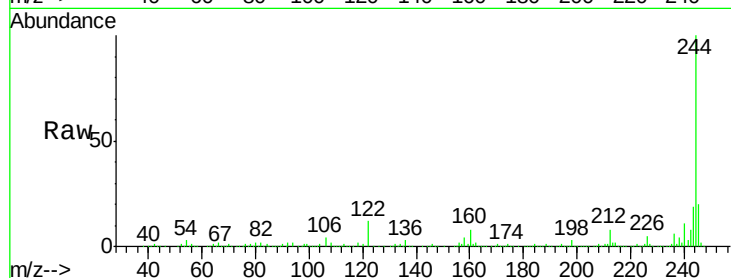
Tgt Ion:244 Resp: 1384771

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

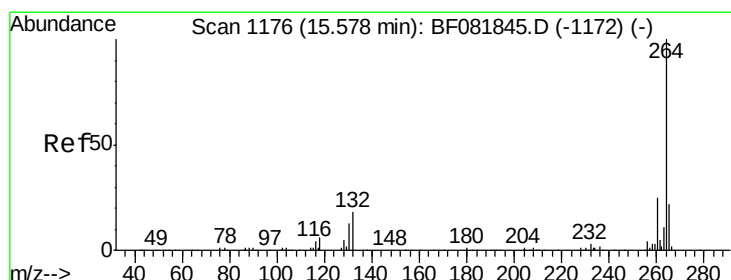
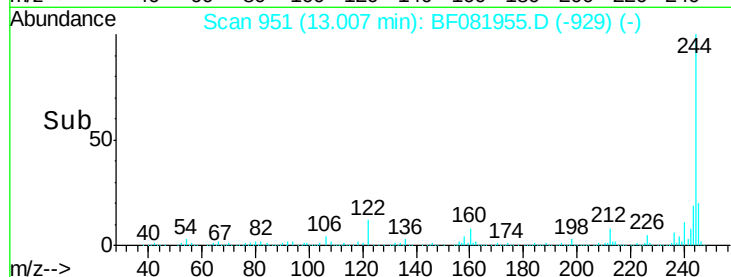
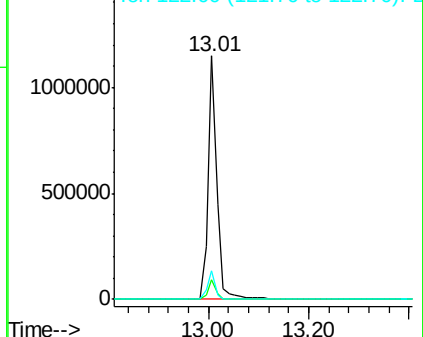
122 11.8 17.4 26.2#



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: 15.51 min Scan# 1170

Delta R.T. -0.07 min

Lab File: BF081955.D

Acq: 1 Oct 2015 23:13

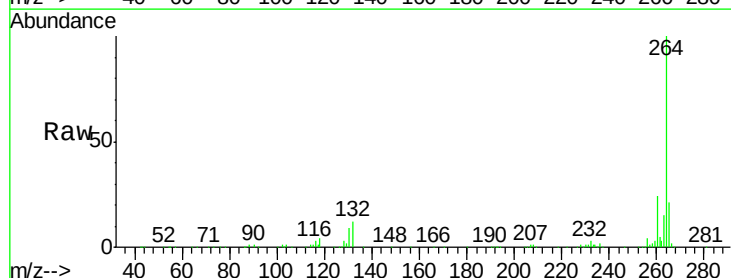
Tgt Ion:264 Resp: 377343

Ion Ratio Lower Upper

264 100

260 24.2 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

