

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081966.D
 Acq On : 2 Oct 2015 4:45
 Operator : UM/IZ
 Sample : G3875-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Quant Time: Oct 02 08:32:32 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

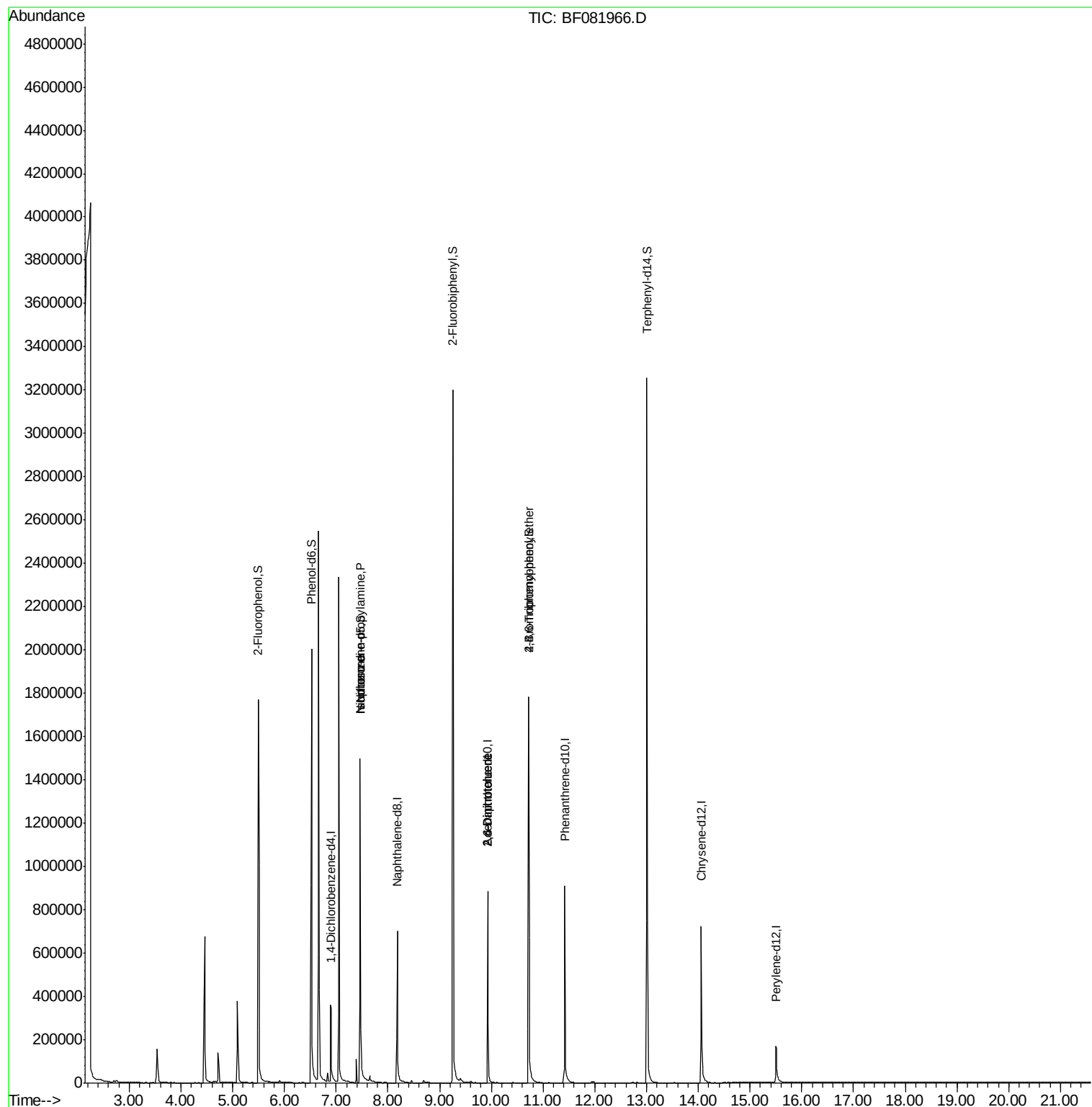
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	106226	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	423791	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	200293	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	434922	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	354364	20.00	ng	-0.06
86) Perylene-d12	15.50	264	98831	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	670531	114.59	ng	-0.02
7) Phenol-d6	6.53	99	830414	112.78	ng	-0.03
23) Nitrobenzene-d5	7.46	82	614171	96.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	279816	137.94	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1192286	104.10	ng	-0.05
78) Terphenyl-d14	13.01	244	1199336	125.14	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	76883	17.18	ng	# 57
25) Isophorone	7.46	82	526278	41.77	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	24255	8.08	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	24499	6.40	ng	# 34
57) Fluorene	10.72	166	10699	Below Cal	#	84
66) 4-Bromophenyl-phenylether	10.72	248	17650	4.02	ng	# 1
70) Phenanthrene	11.44	178	2351	Below Cal	#	78
73) Di-n-butylphthalate	11.98	149	3720	Below Cal	#	97

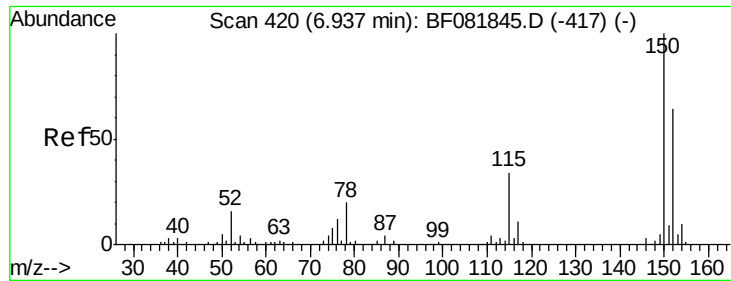
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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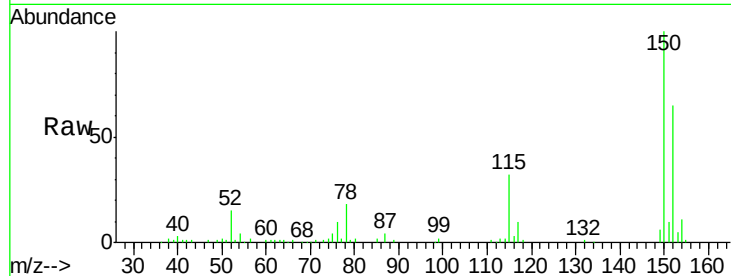


#1

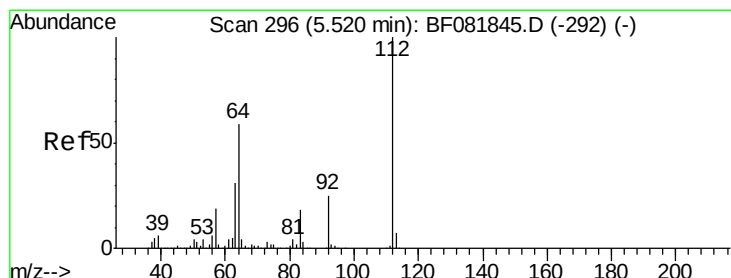
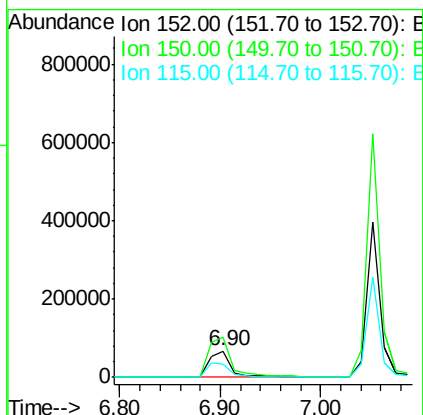
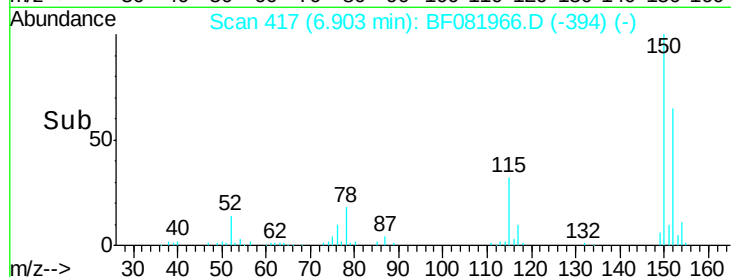
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Instrument :
BNA_F
ClientSampleId :
A5-COMP

Tgt Ion:152 Resp: 106226
Ion Ratio Lower Upper
152 100
150 152.9 124.7 187.1
115 48.3 39.0 58.4



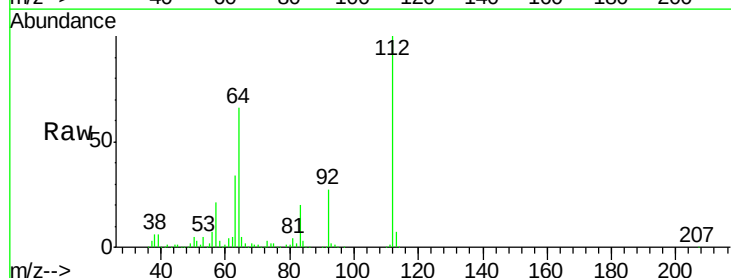
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



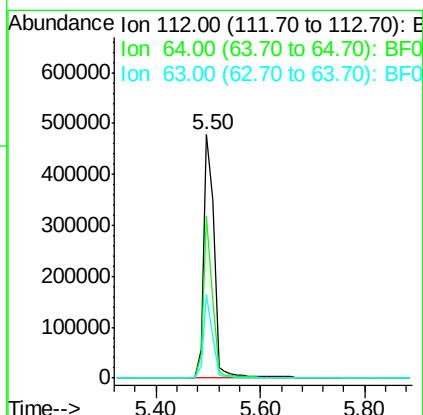
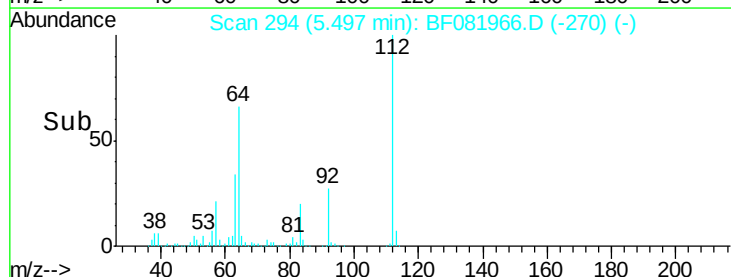
#5

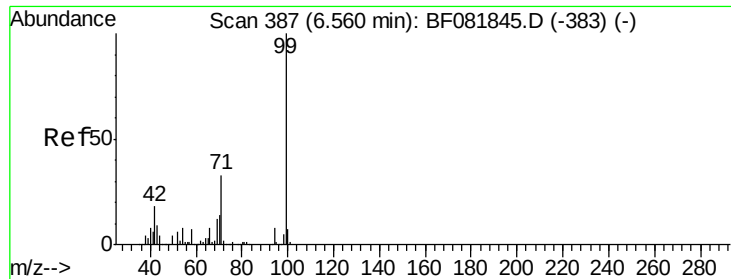
2-Fluorophenol
Concen: 114.59 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Tgt Ion:112 Resp: 670531
Ion Ratio Lower Upper
112 100
64 66.2 39.7 59.5#
63 34.4 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: 112.78 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

Instrument :

BNA_F

ClientSampleId :

A5-COMP

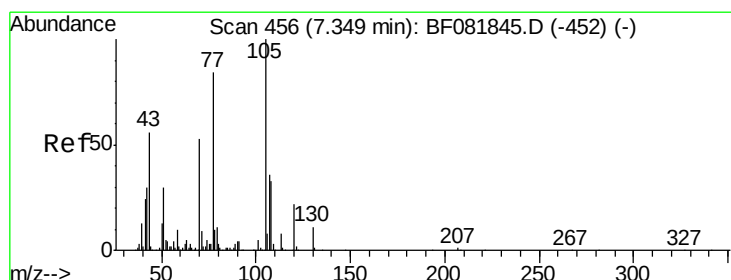
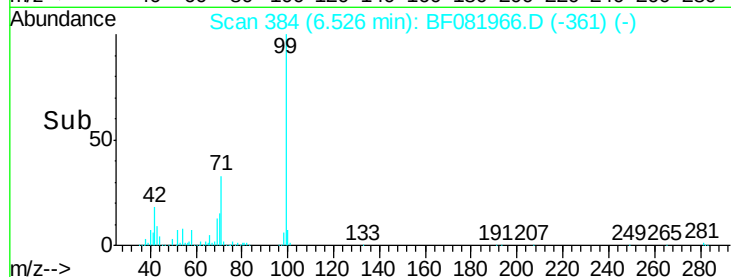
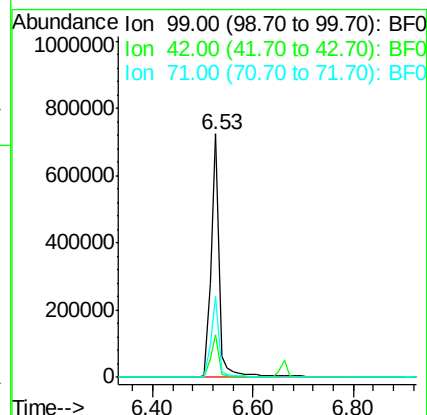
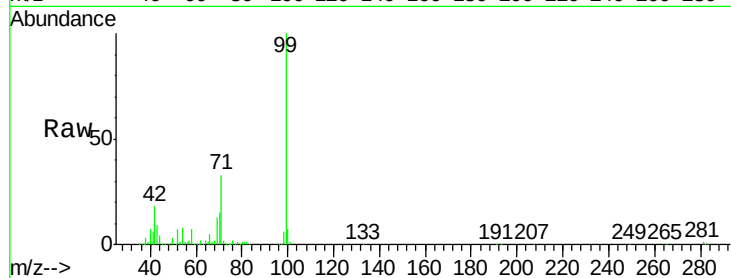
Tgt Ion: 99 Resp: 830414

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 33.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.18 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

Tgt Ion: 70 Resp: 76883

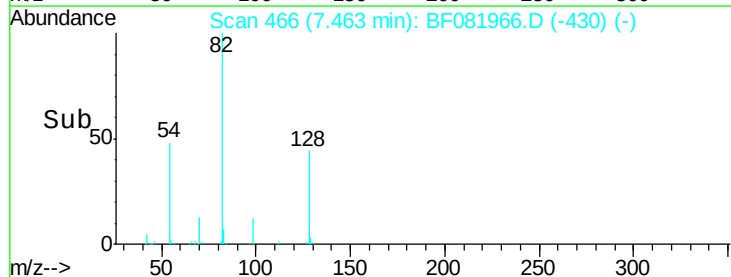
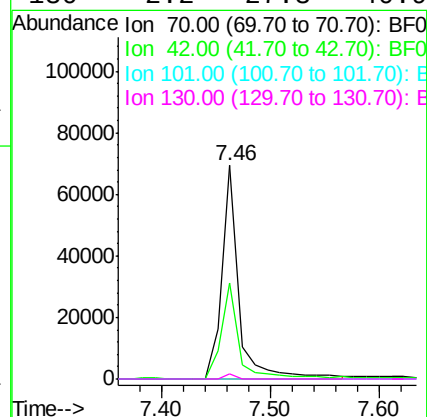
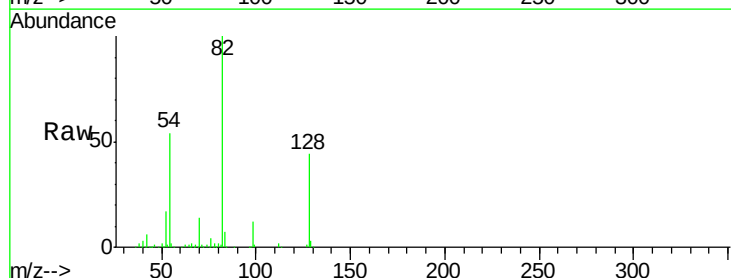
Ion Ratio Lower Upper

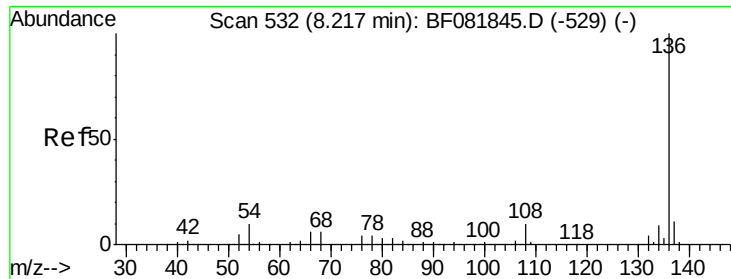
70 100

42 45.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

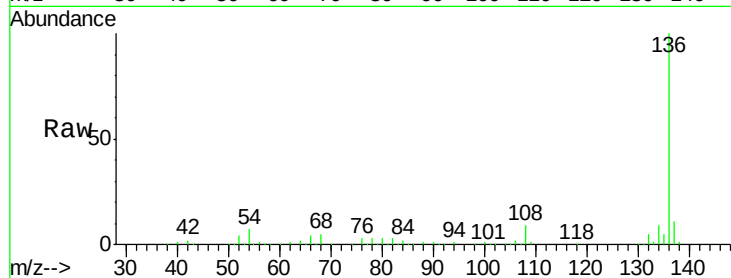




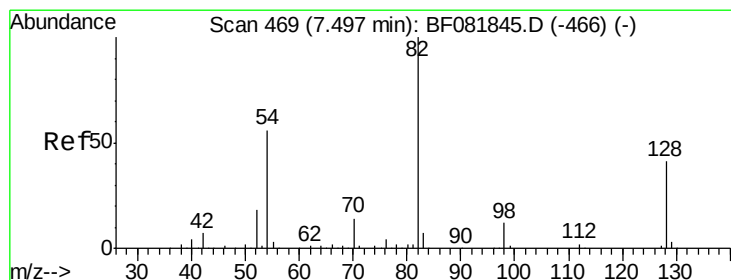
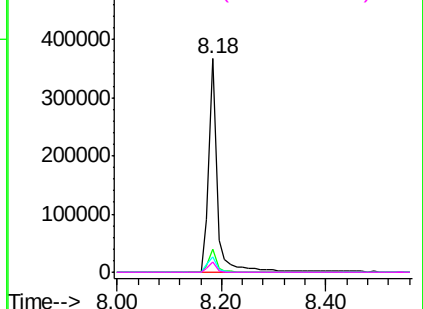
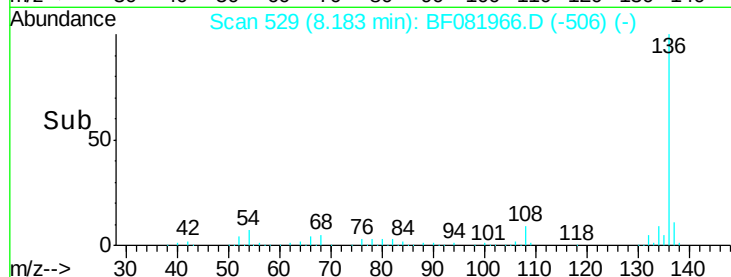
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Instrument :
BNA_F
ClientSampleId :
A5-COMP

Tgt Ion: 136 Resp: 423791
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.2 8.2 12.2#
68 4.8 5.8 8.6#

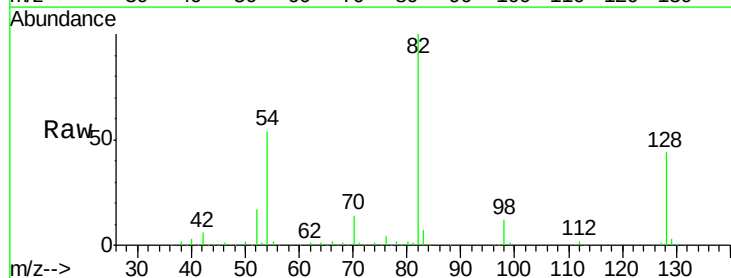


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

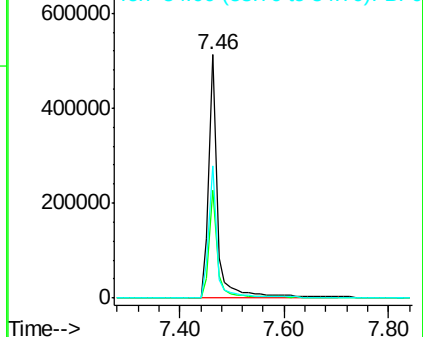
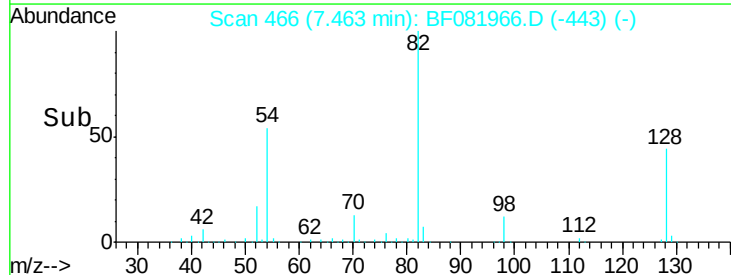


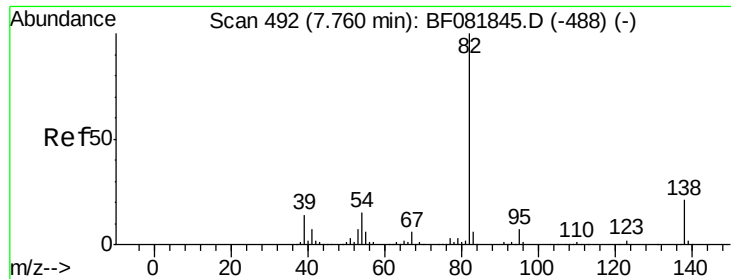
#23
Nitrobenzene-d5
Concen: 96.61 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Tgt Ion: 82 Resp: 614171
Ion Ratio Lower Upper
82 100
128 44.4 51.0 76.6#
54 54.1 47.5 71.3



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





#25

Isophorone

Concen: 41.77 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

Instrument :

BNA_F

ClientSampleId :

A5-COMP

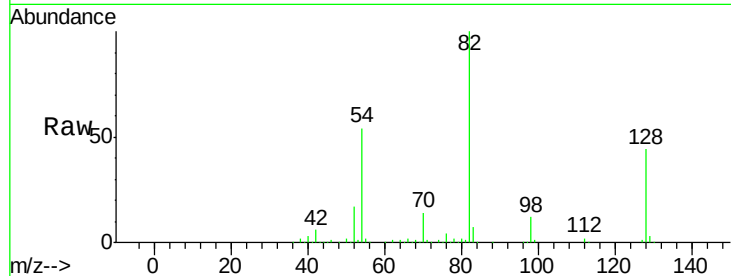
Tgt Ion: 82 Resp: 526278

Ion Ratio Lower Upper

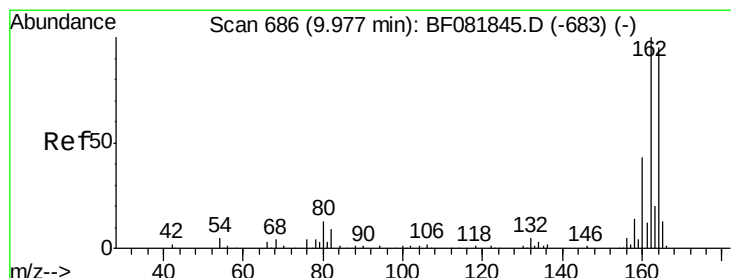
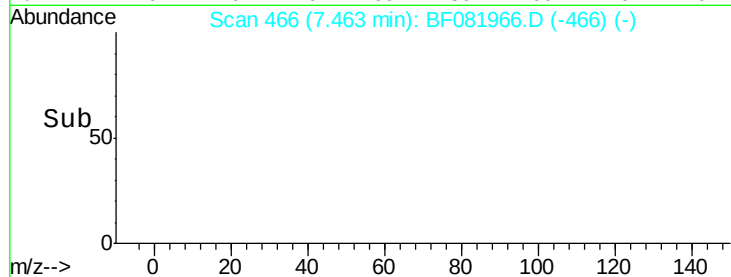
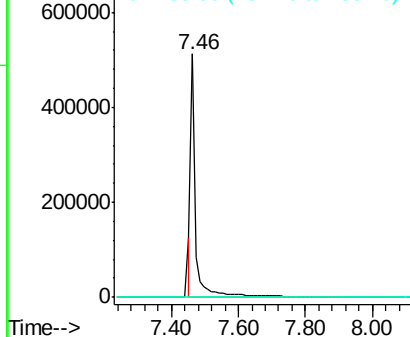
82 100

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: BF081966.D

Acq: 2 Oct 2015 4:45

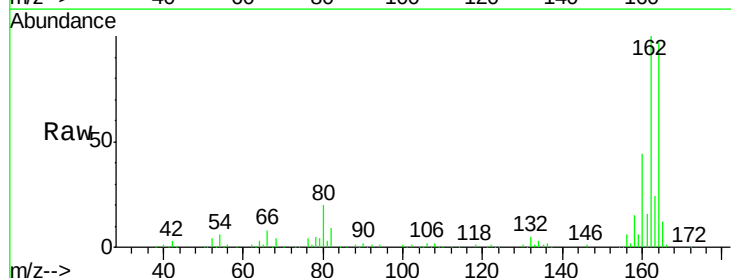
Tgt Ion: 164 Resp: 200293

Ion Ratio Lower Upper

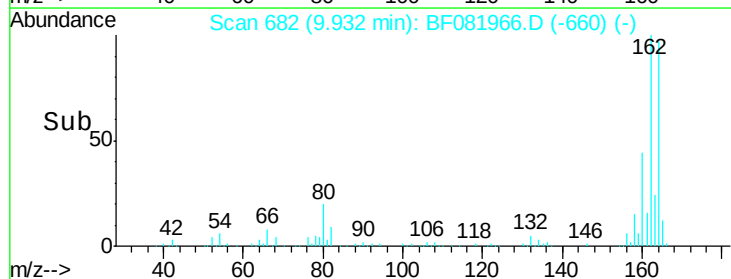
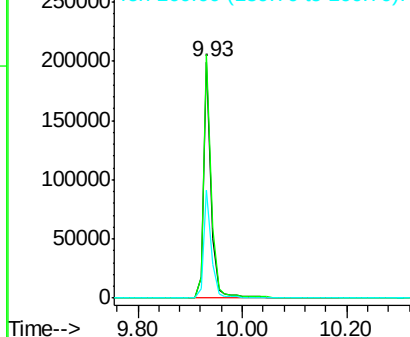
164 100

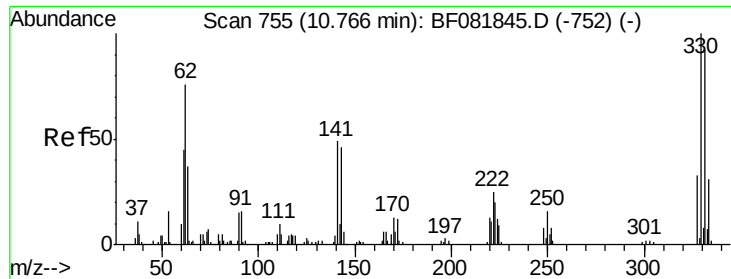
162 103.2 75.2 112.8

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

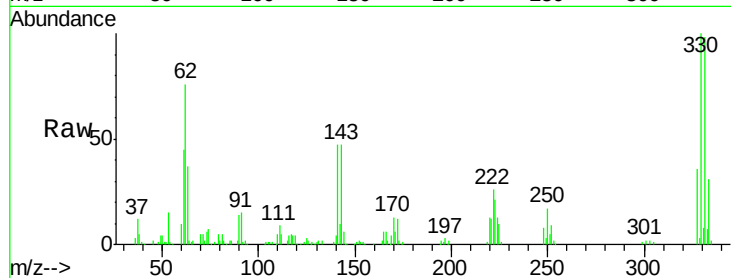




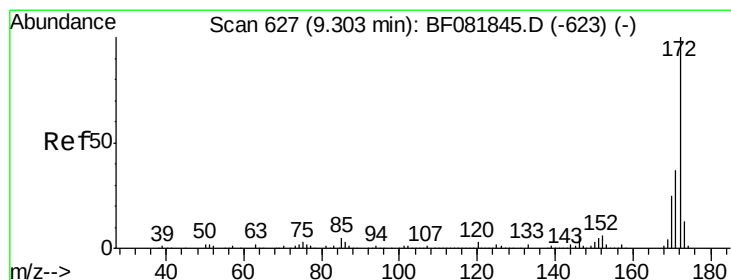
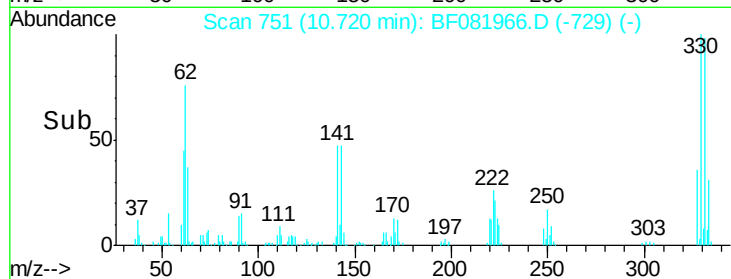
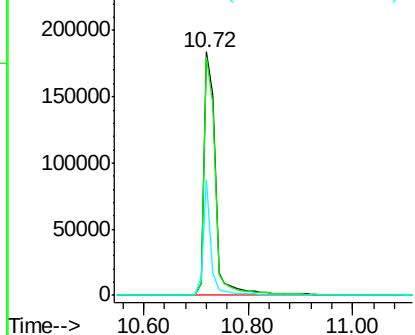
#41
 2,4,6-Tribromophenol
 Concen: 137.94 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Instrument :
 BNA_F
 ClientSampled :
 A5-COMP

Tgt Ion:330 Resp: 279816
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 33.3 29.7 44.5

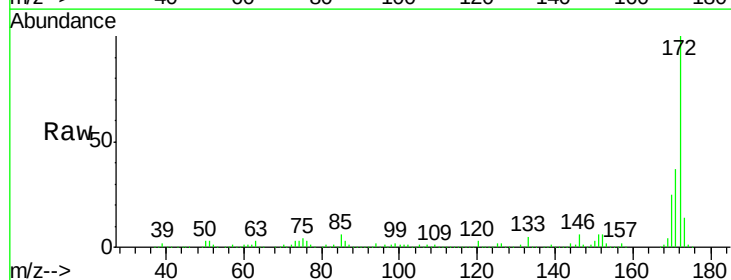


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

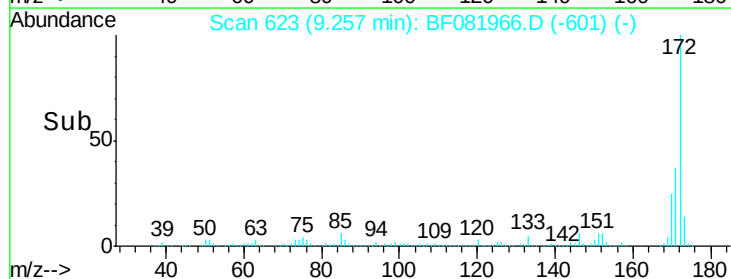
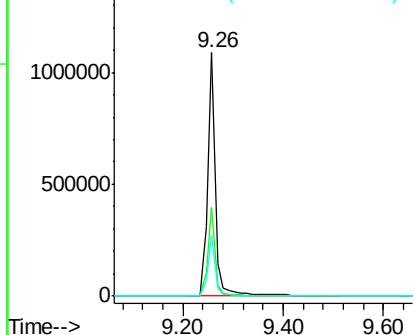


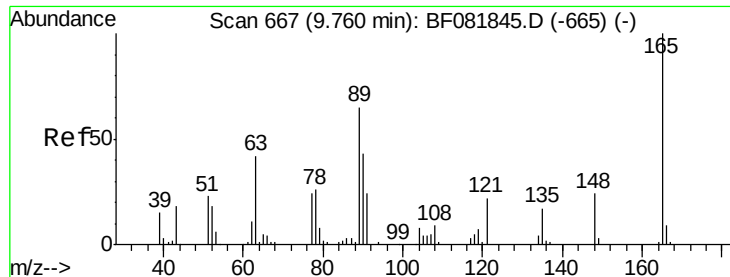
#44
 2-Fluorobiphenyl
 Concen: 104.10 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Tgt Ion:172 Resp: 1192286
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.9 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

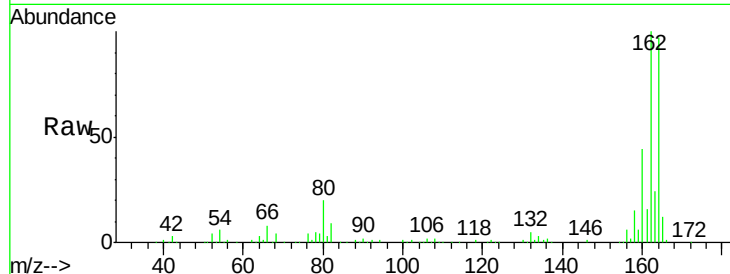




#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

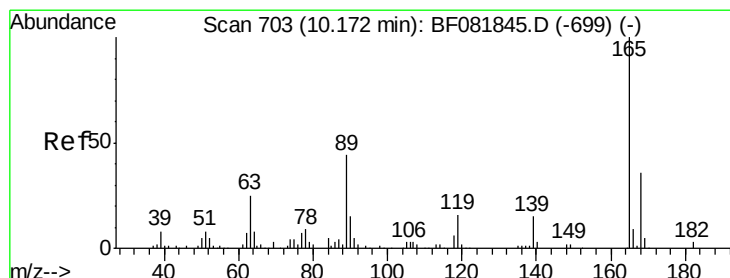
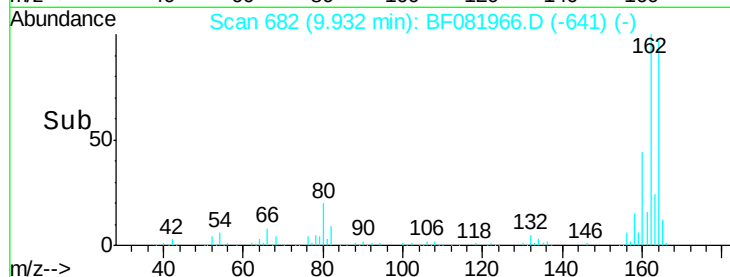
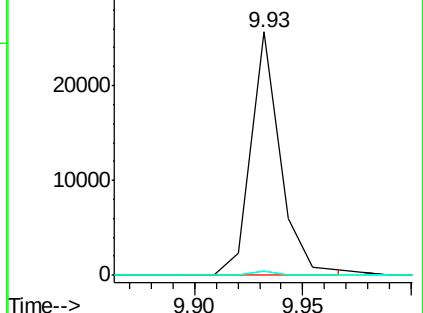
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	24255		
63	1.5	32.3	48.5#	
89	1.6	28.6	43.0#	



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: 6.40 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

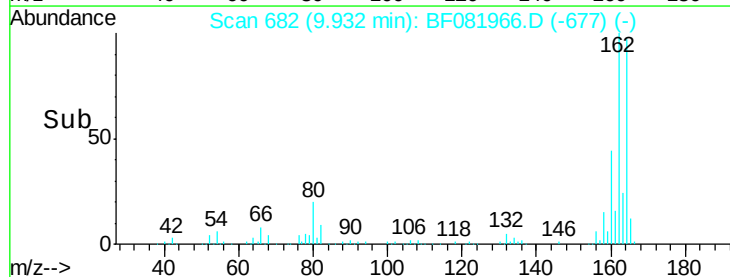
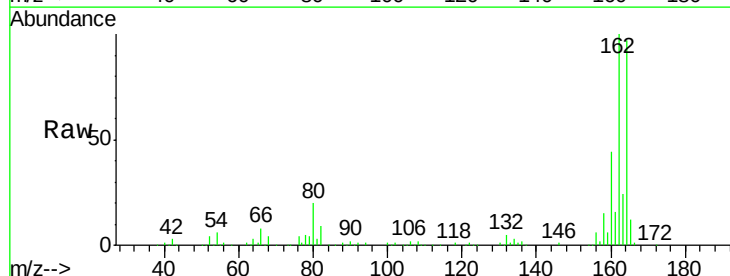
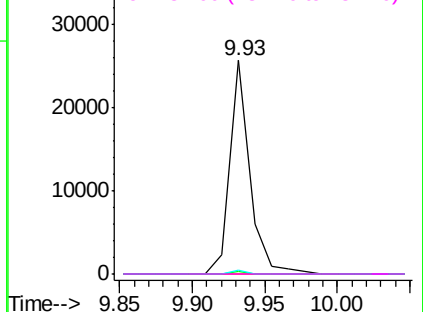
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	24499		
63	1.5	29.8	44.6#	
89	1.6	44.5	66.7#	
182	0.0	3.0	4.4#	

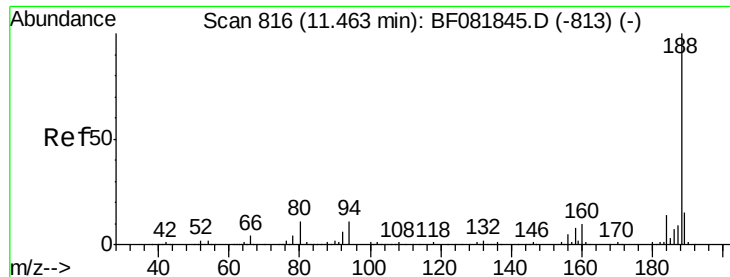
Abundance Ion 165.00 (164.70 to 165.70): E

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

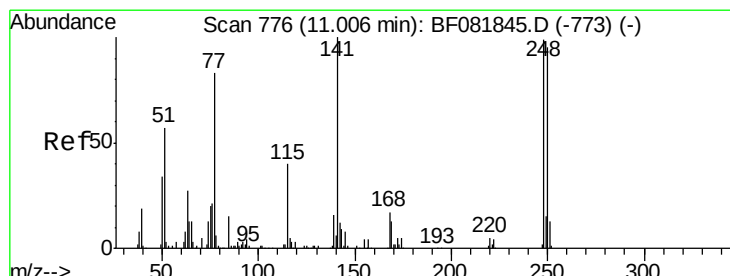
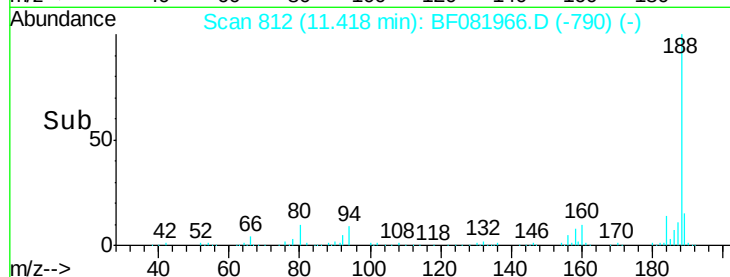
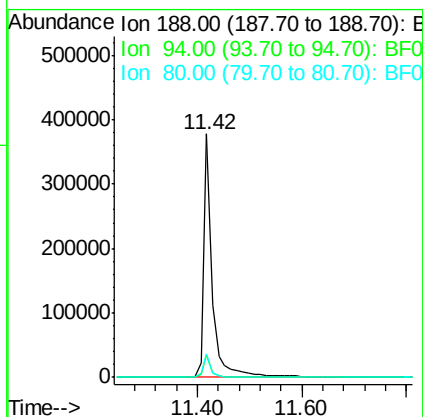
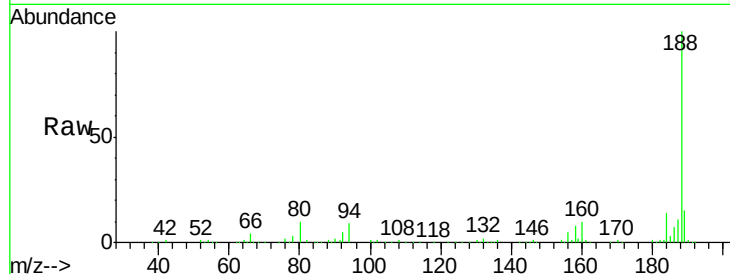




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

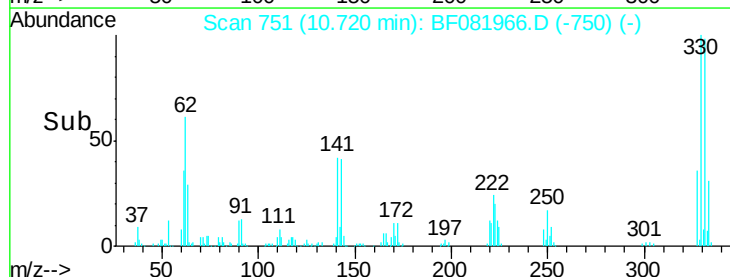
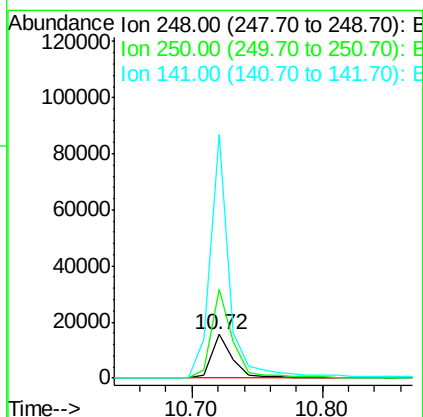
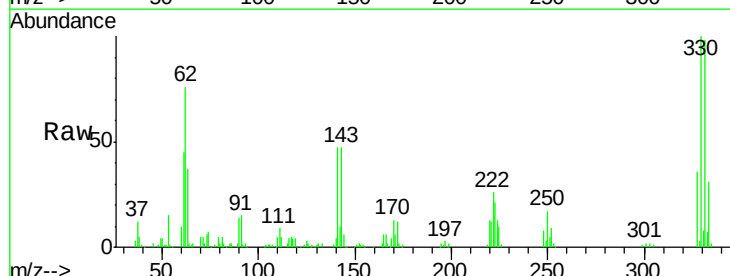
Instrument :
BNA_F
ClientSampleId :
A5-COMP

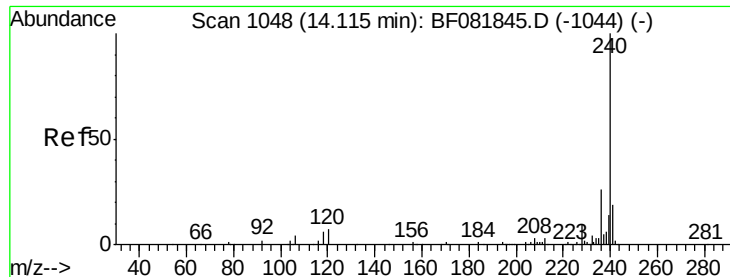
Tgt Ion:188 Resp: 434922
Ion Ratio Lower Upper
188 100
94 9.1 11.1 16.7#
80 9.6 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Tgt Ion:248 Resp: 17650
Ion Ratio Lower Upper
248 100
250 204.2 78.5 117.7#
141 558.3 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: BF081966.D

Acq: 2 Oct 2015 4:45

Instrument :

BNA_F

ClientSampleId :

A5-COMP

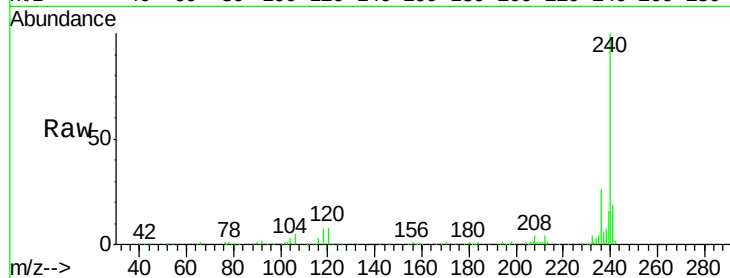
Tgt Ion:240 Resp: 354364

Ion Ratio Lower Upper

240 100

120 8.2 16.2 24.2#

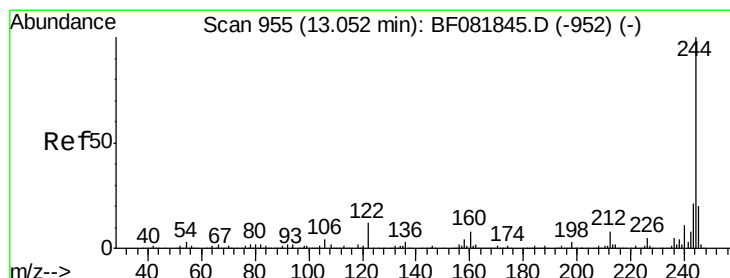
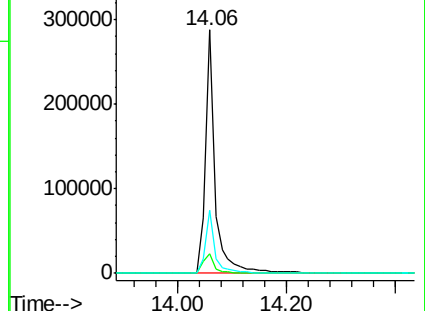
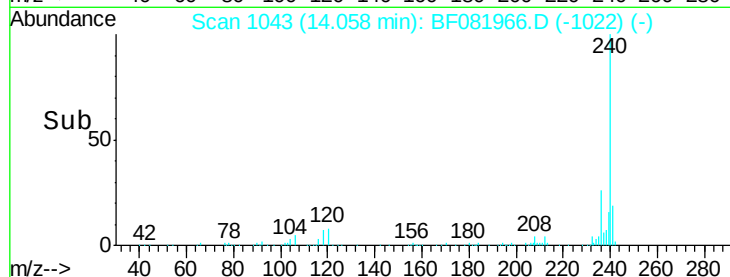
236 25.8 18.4 27.6



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: 125.14 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

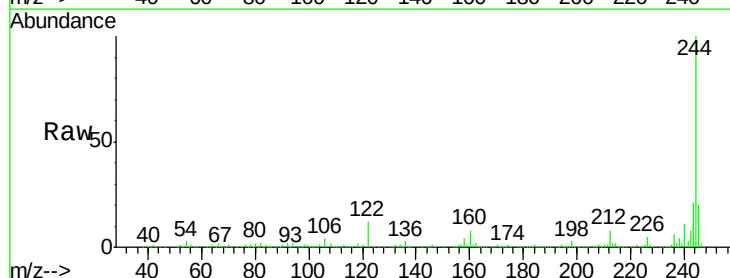
Tgt Ion:244 Resp: 1199336

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

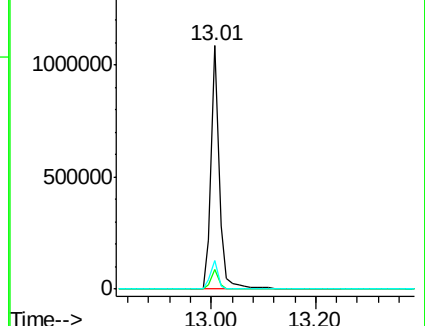
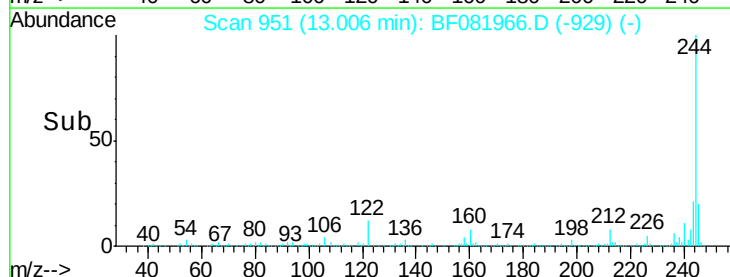
122 11.6 17.4 26.2#

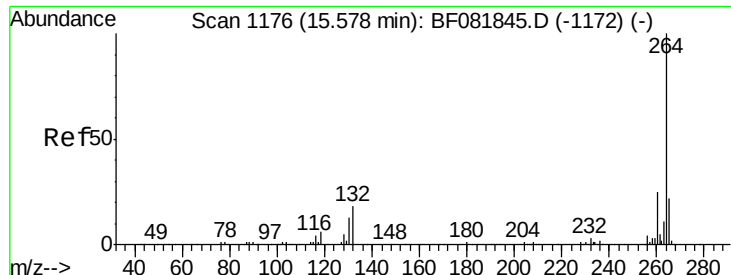


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

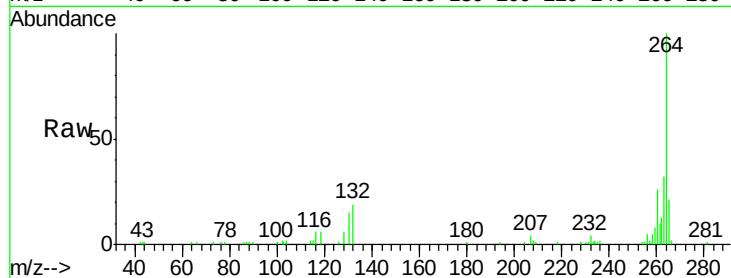




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Instrument :
BNA_F
ClientSampleId :
A5-COMP

Tgt Ion: 264 Resp: 98831
Ion Ratio Lower Upper
264 100
260 26.2 16.7 25.1#
265 20.6 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

