

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081957.D
 Acq On : 2 Oct 2015 00:14
 Operator : UM/IZ
 Sample : G3754-06DL2 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

Quant Time: Oct 02 02:02:24 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

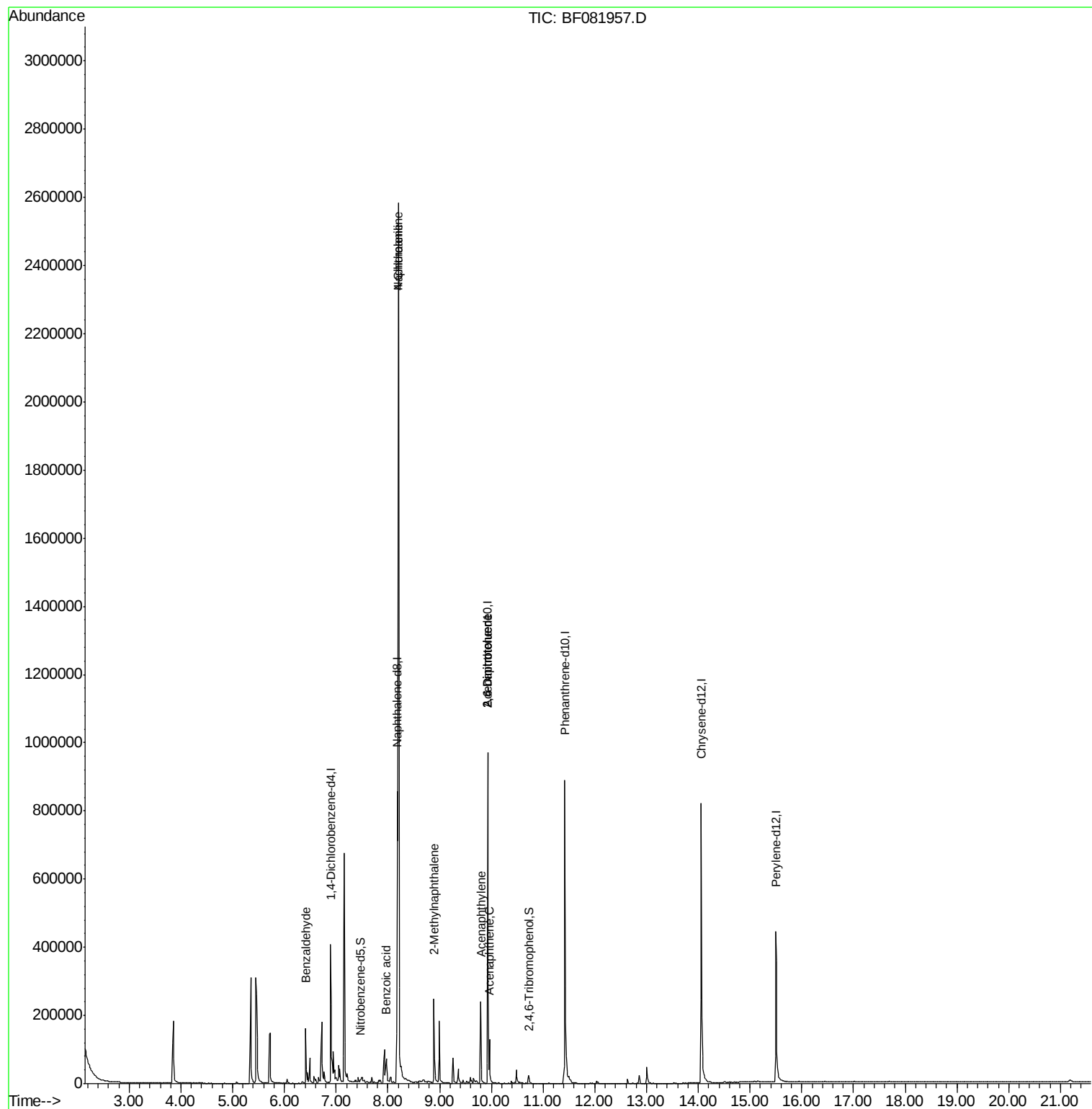
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	98925	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	433371	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	215720	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	420523	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	402767	20.00	ng	-0.06
86) Perylene-d12	15.50	264	299120	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	3321	0.61	ng	-0.03
7) Phenol-d6	6.53	99	3529	0.51	ng	-0.03
23) Nitrobenzene-d5	7.47	82	13596	2.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	4865	2.23	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	38732	1.54	ng	-0.05
78) Terphenyl-d14	13.01	244	39041	0.61	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.41	77	9271	2.06	ng	# 1
31) Naphthalene	8.21	128	1237730	64.46	ng	96
32) Benzoic acid	7.97	122	518	7.47	ng	# 1
33) 4-Chloroaniline	8.21	127	169121	20.37	ng	# 33
37) 2-Methylnaphthalene	8.89	142	86003	6.56	ng	# 90
48) Acenaphthylene	9.79	152	116124	5.55	ng	98
50) 2,6-Dinitrotoluene	9.93	165	26999	8.35	ng	# 40
51) Acenaphthene	9.97	154	28586	2.30	ng	88
56) 2,4-Dinitrotoluene	9.93	165	27589	6.69	ng	# 34
57) Fluorene	10.48	166	23544	Below Cal		89
73) Di-n-butylphthalate	11.98	149	262	Below Cal	#	78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

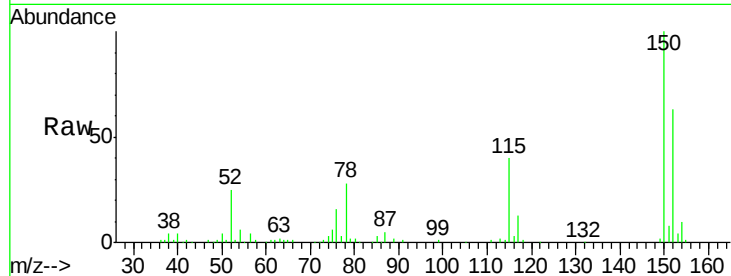
Tgt Ion:152 Resp: 98925

Ion Ratio Lower Upper

152 100

150 159.2 124.7 187.1

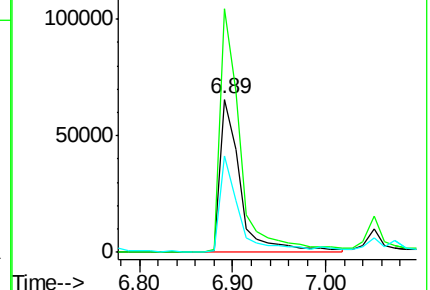
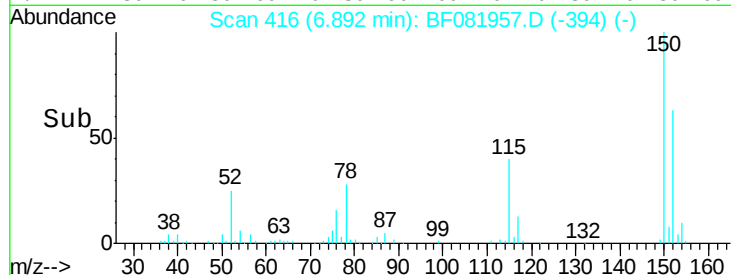
115 63.4 39.0 58.4#



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: 0.61 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

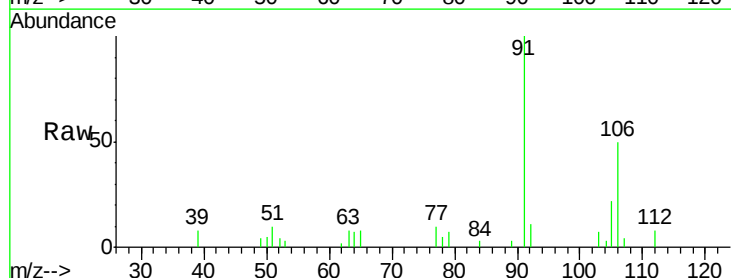
Tgt Ion:112 Resp: 3321

Ion Ratio Lower Upper

112 100

64 76.9 39.7 59.5#

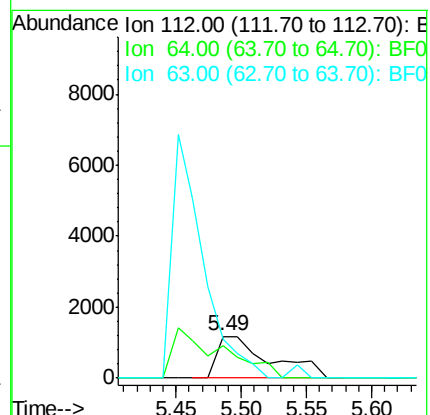
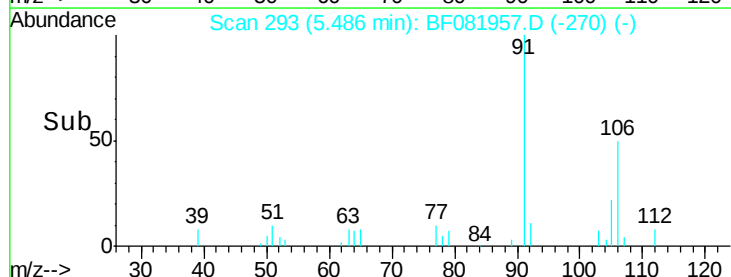
63 95.2 17.4 26.0#

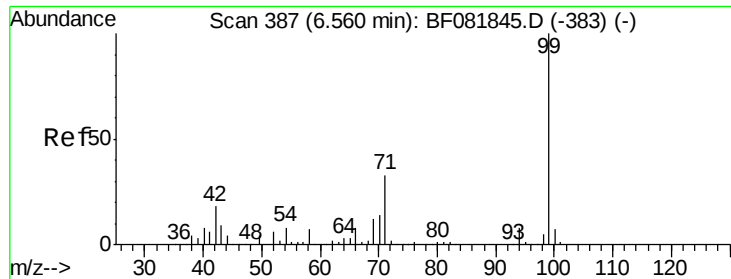


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.51 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

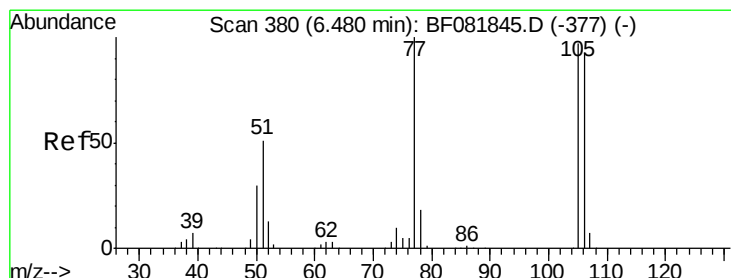
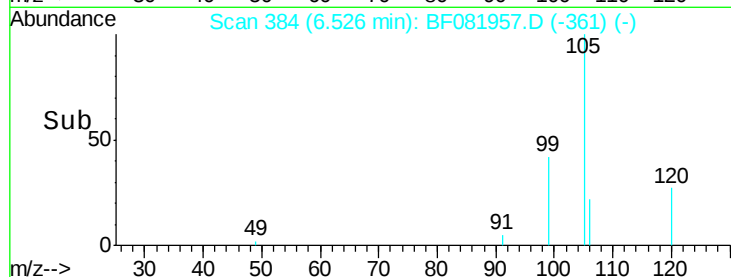
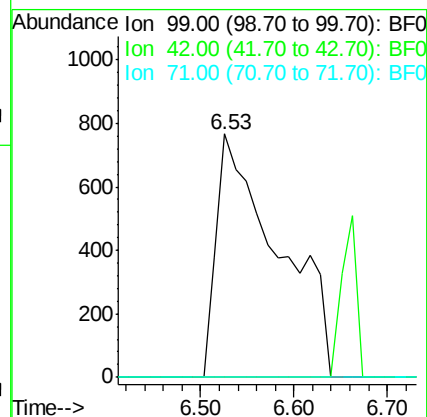
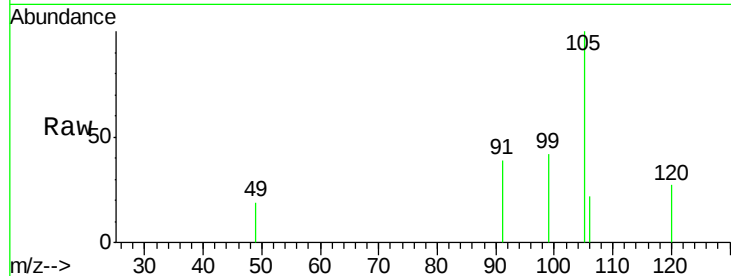
Tgt Ion: 99 Resp: 3529

Ion Ratio Lower Upper

99 100

42 0.0 13.7 20.5#

71 0.0 14.2 21.2#



#9

Benzaldehyde

Concen: 2.06 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.07 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

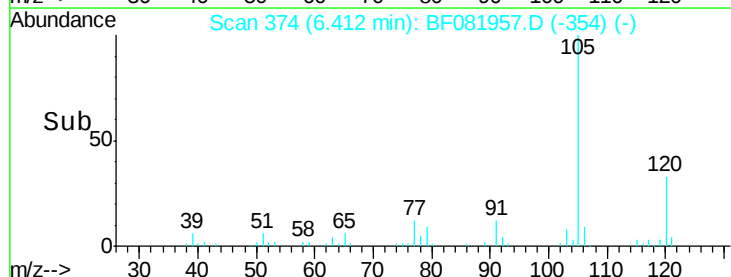
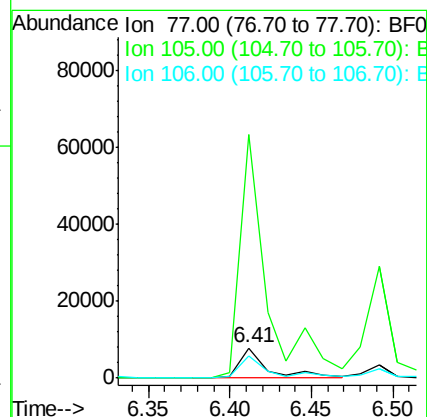
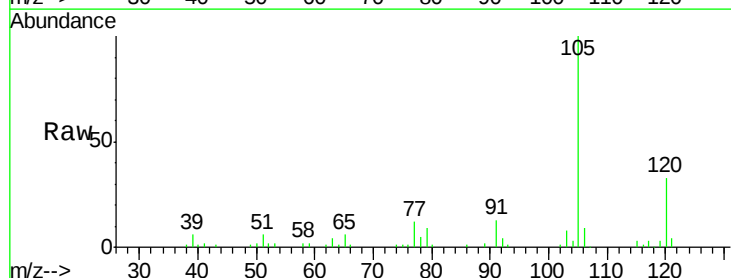
Tgt Ion: 77 Resp: 9271

Ion Ratio Lower Upper

77 100

105 803.0 91.6 131.6#

106 73.8 102.6 142.6#

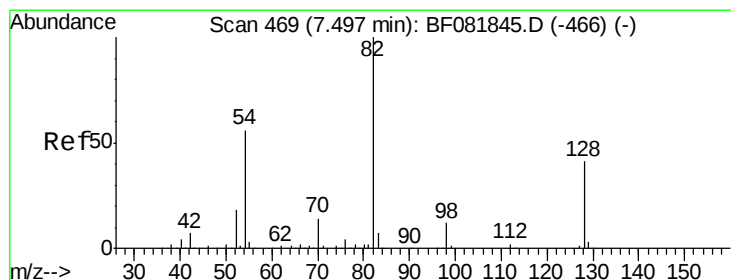
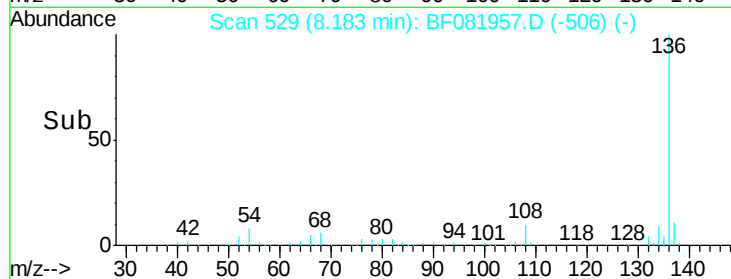
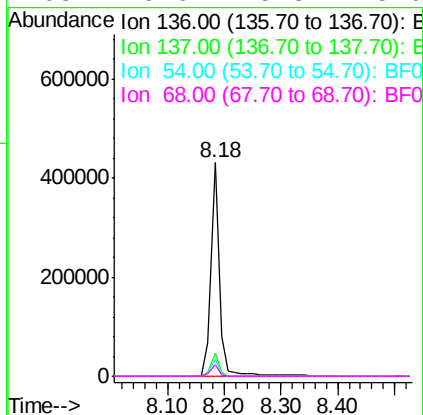
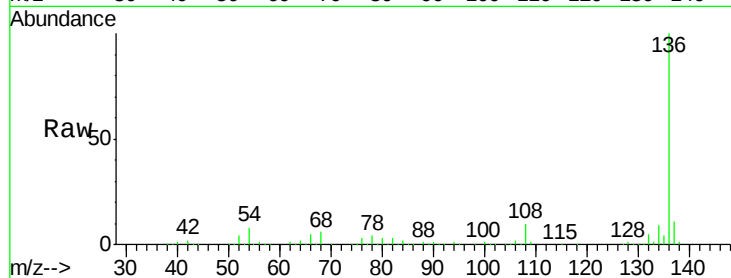




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

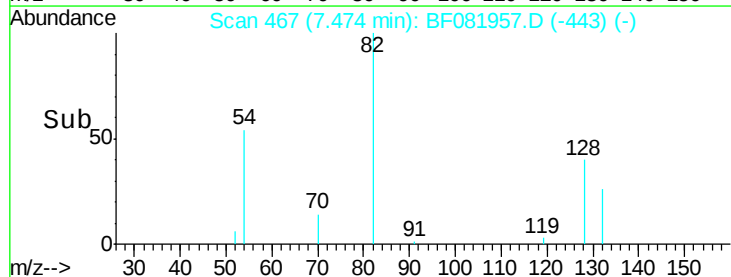
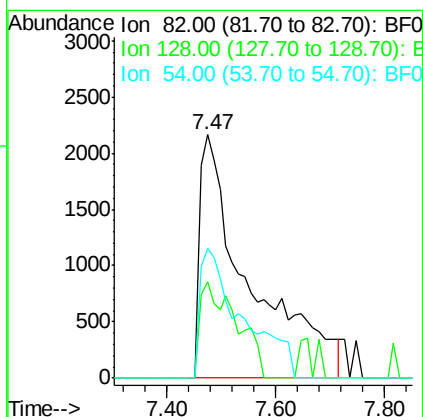
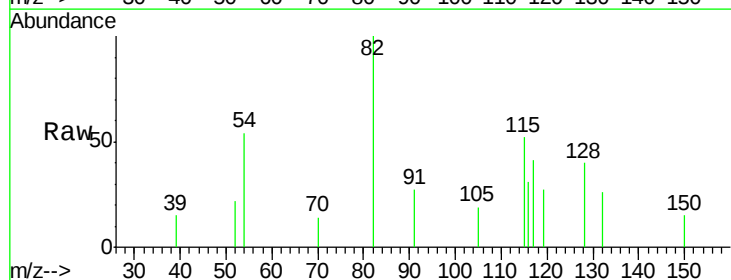
Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

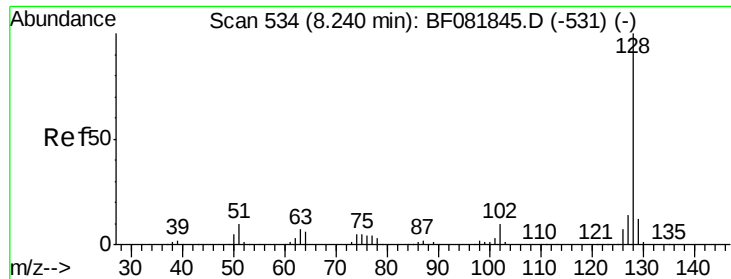
Tgt Ion:	136	Resp:	433371
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.9	8.2	12.2#
68	5.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 2.09 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion:	82	Resp:	13596
Ion	Ratio	Lower	Upper
82	100		
128	39.7	51.0	76.6#
54	53.5	47.5	71.3

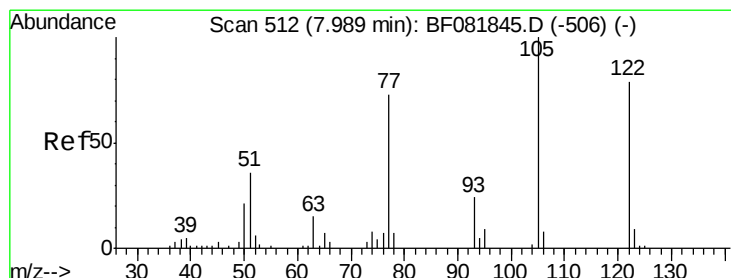
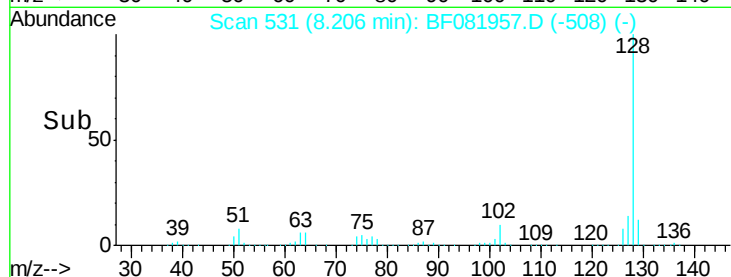
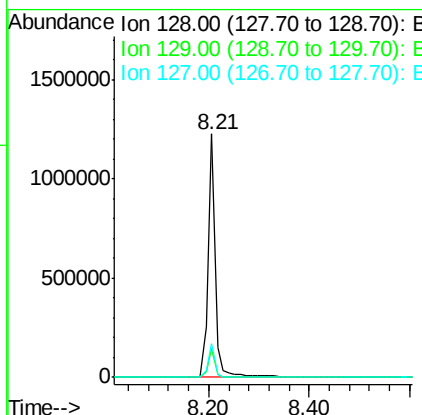
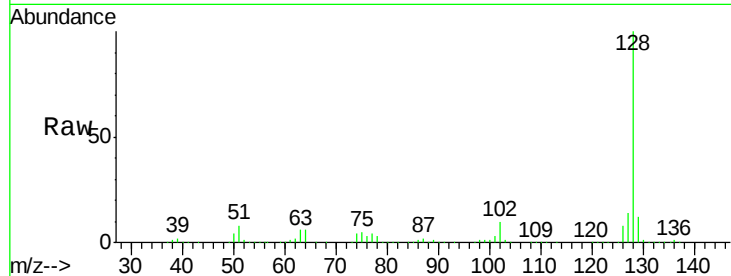




#31
Naphthalene
Concen: 64.46 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

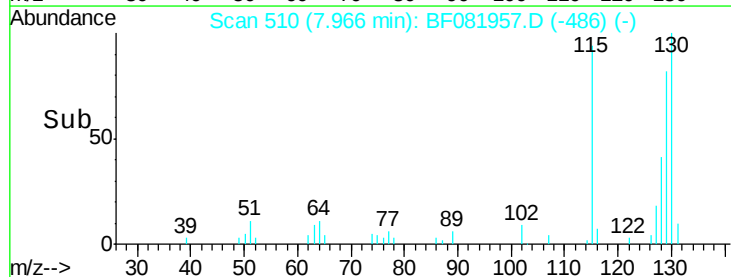
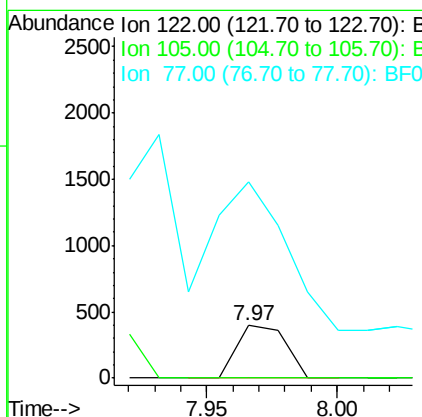
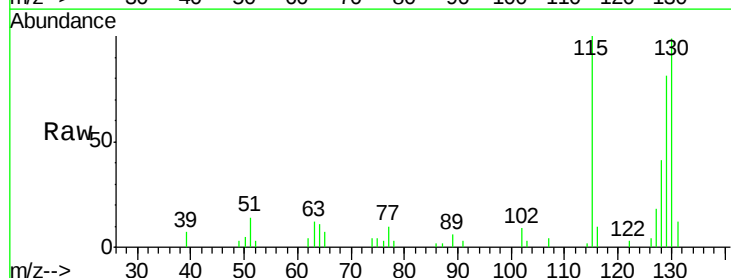
Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

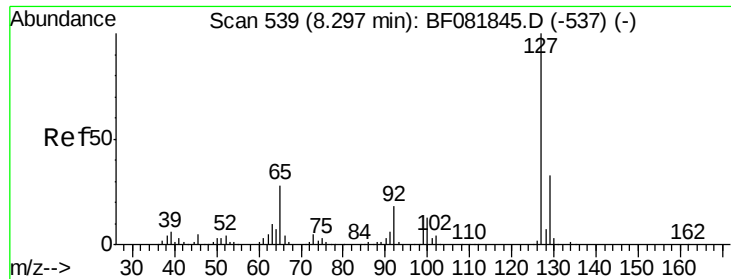
Tgt Ion:128 Resp: 1237730
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 13.9 9.9 14.9



#32
Benzoic acid
Concen: 7.47 ng
RT: 7.97 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion:122 Resp: 518
Ion Ratio Lower Upper
122 100
105 0.0 76.1 116.1#
77 374.0 40.5 80.5#

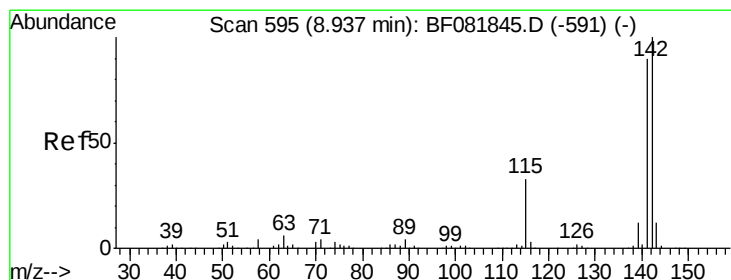
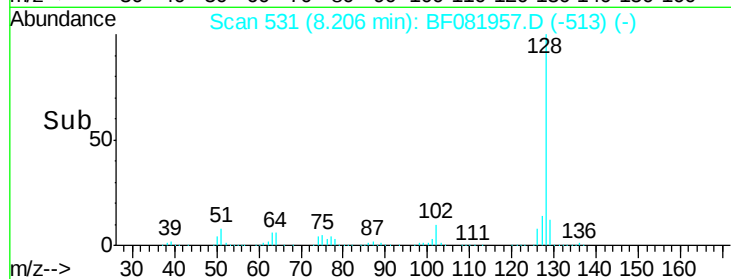
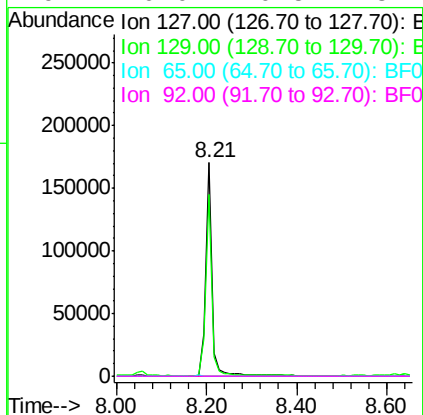
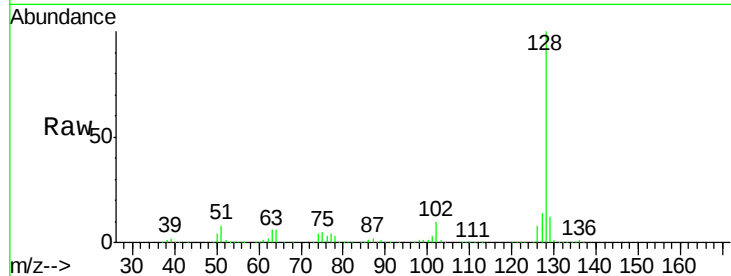




#33
4-Chloroaniline
Concen: 20.37 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.09 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

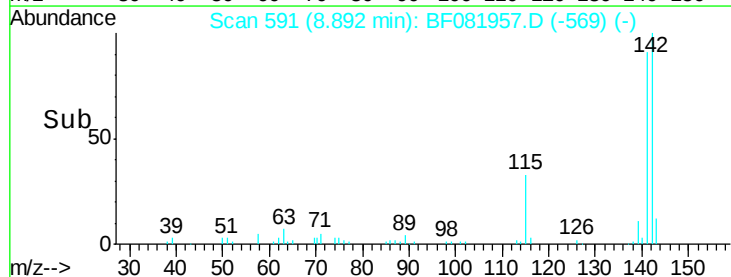
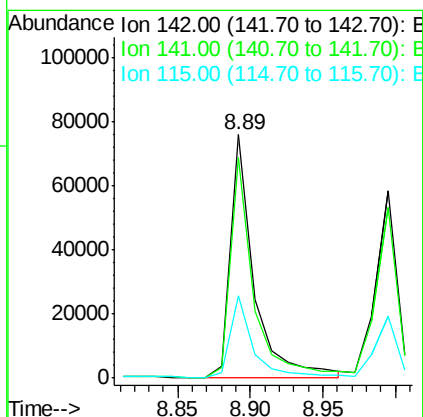
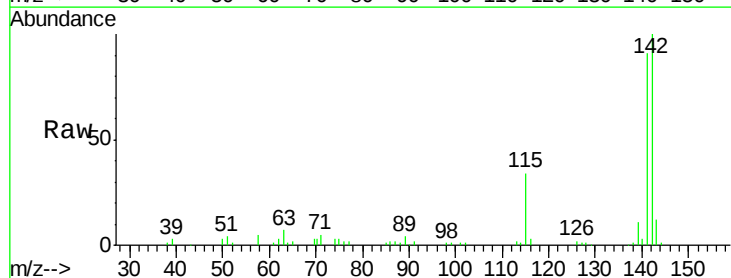
Instrument :
BNA_F
ClientSampleId :
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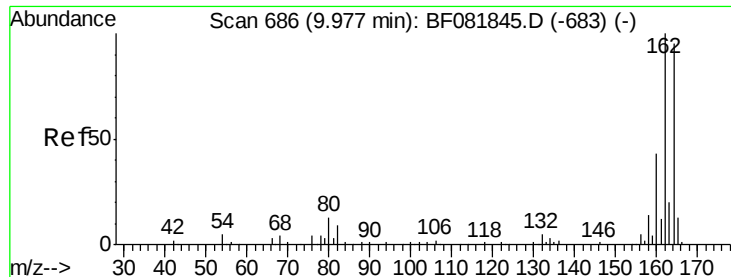
Tgt Ion:	127	Resp:	169121
Ion	Ratio	Lower	Upper
127	100		
129	85.3	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



#37
2-Methylnaphthalene
Concen: 6.56 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion:	142	Resp:	86003
Ion	Ratio	Lower	Upper
142	100		
141	90.5	67.5	101.3
115	34.0	18.2	27.2#

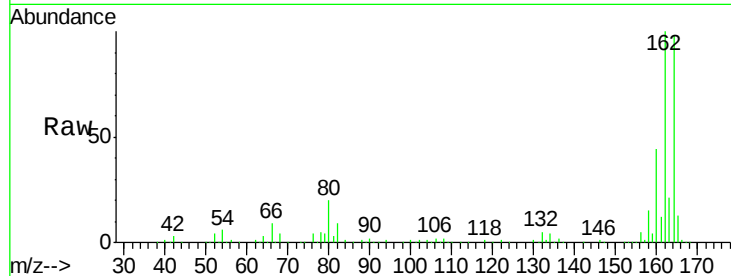




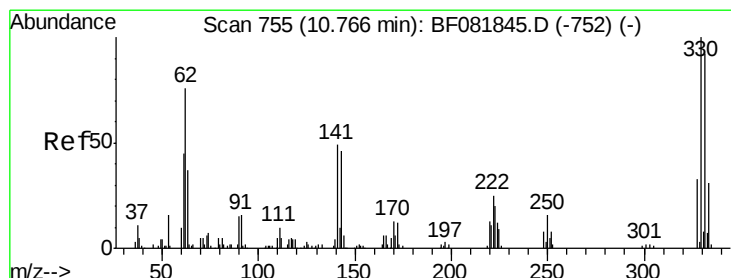
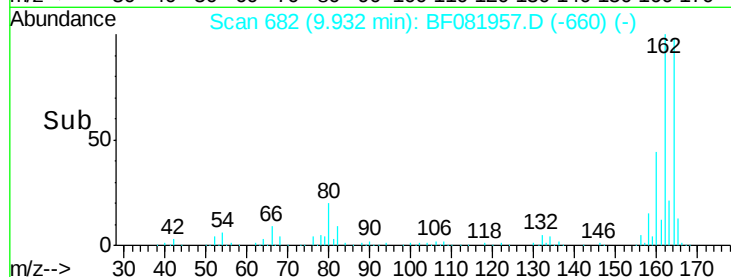
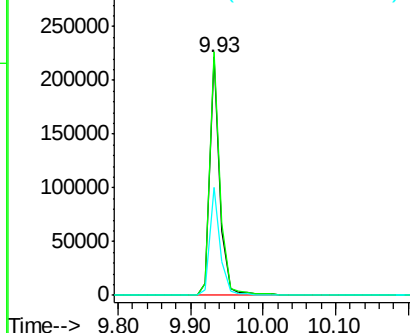
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Tgt Ion:164 Resp: 215720
Ion Ratio Lower Upper
164 100
162 102.1 75.2 112.8
160 45.1 31.5 47.3

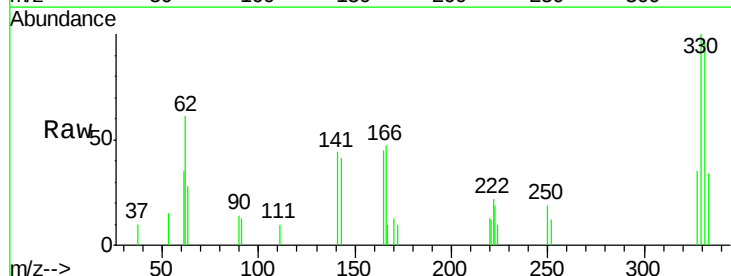


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

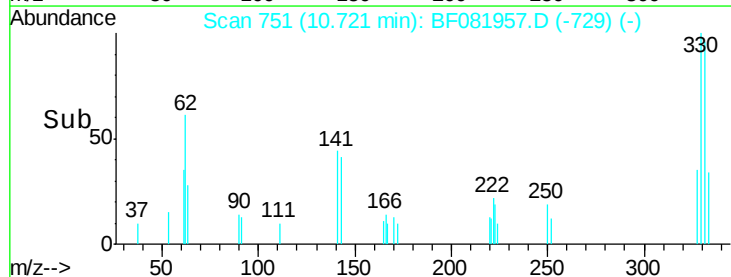
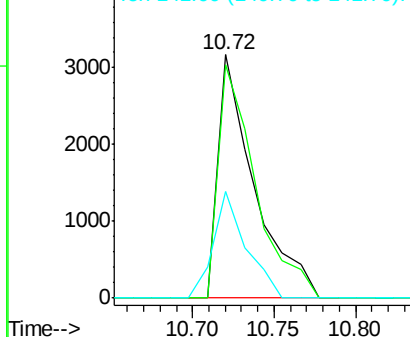


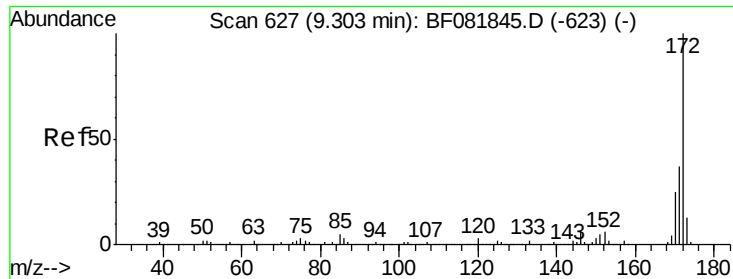
#41
2,4,6-Tribromophenol
Concen: 2.23 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion:330 Resp: 4865
Ion Ratio Lower Upper
330 100
332 98.7 76.6 114.8
141 39.8 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

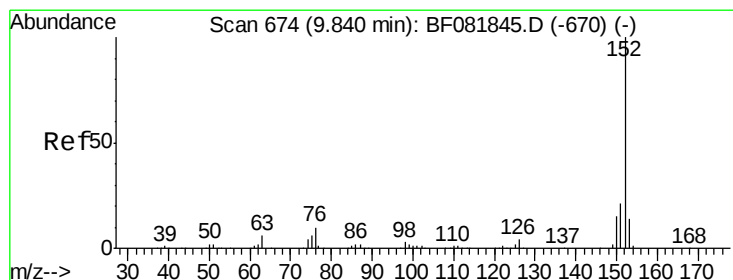
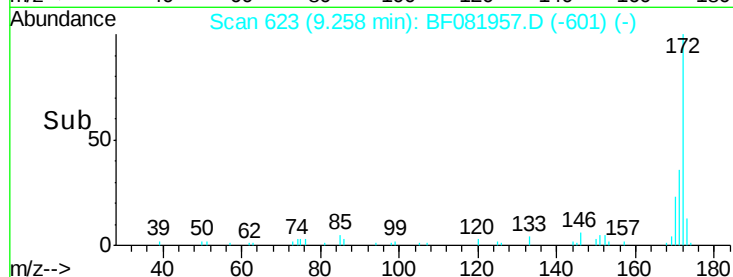
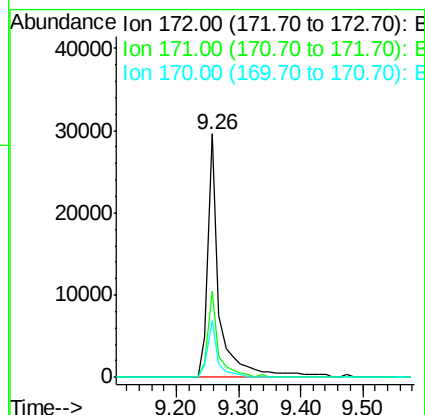
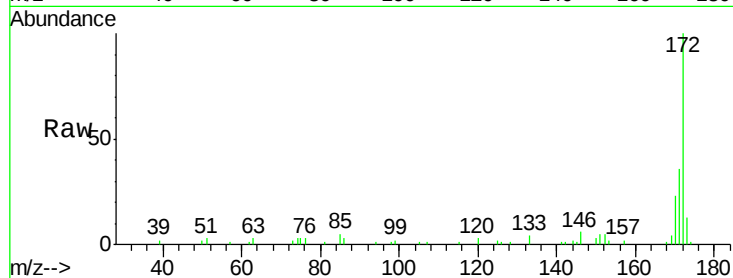




#44
2-Fluorobiphenyl
Concen: 1.54 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

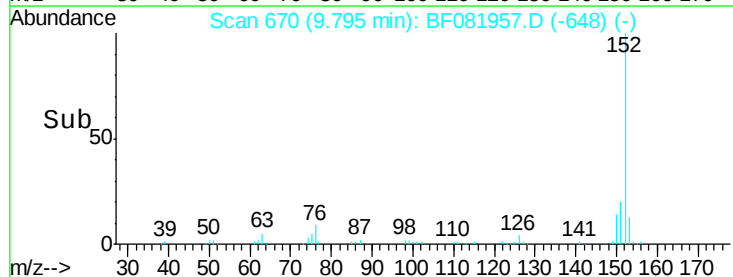
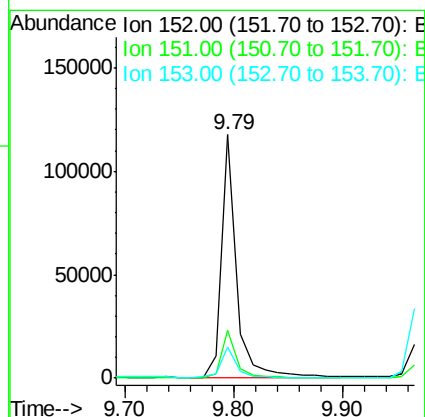
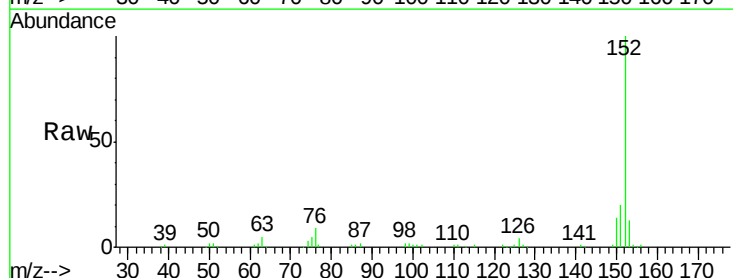
Instrument :
BNA_F
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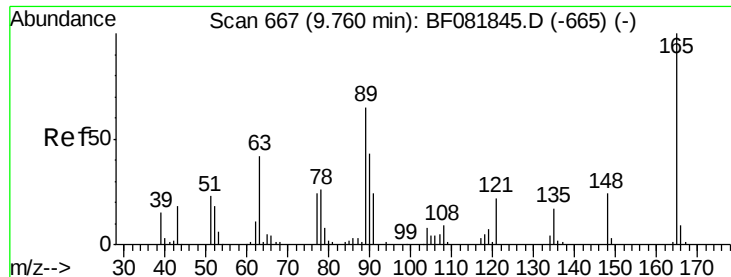
Tgt Ion:172 Resp: 38732
Ion Ratio Lower Upper
172 100
171 35.6 26.1 39.1
170 23.2 17.4 26.2



#48
Acenaphthylene
Concen: 5.55 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion:152 Resp: 116124
Ion Ratio Lower Upper
152 100
151 19.8 14.6 22.0
153 13.0 10.3 15.5

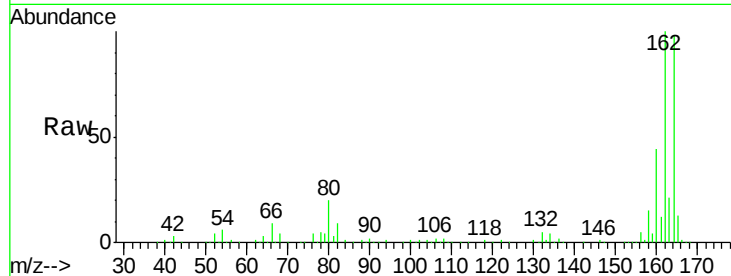




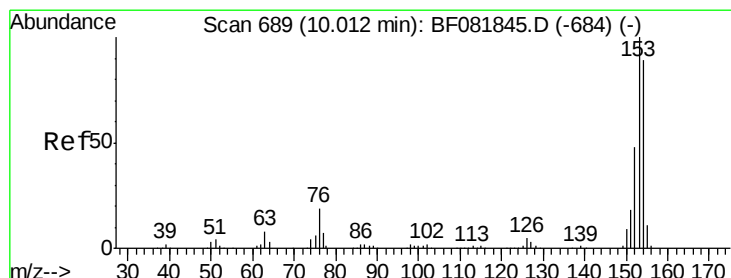
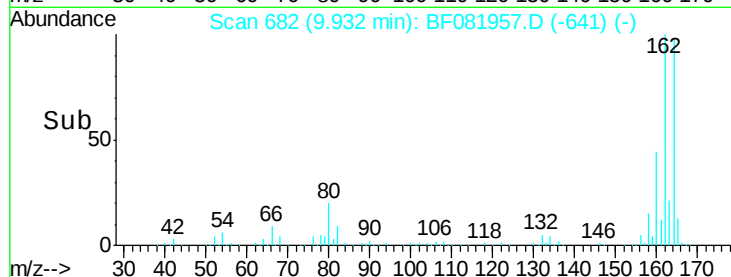
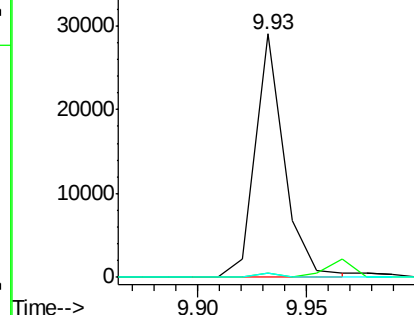
#50
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.17 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Instrument :
BNA_F
ClientSampleId :
MW-7BDDL2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.3	48.5#
89	1.6	28.6	43.0#

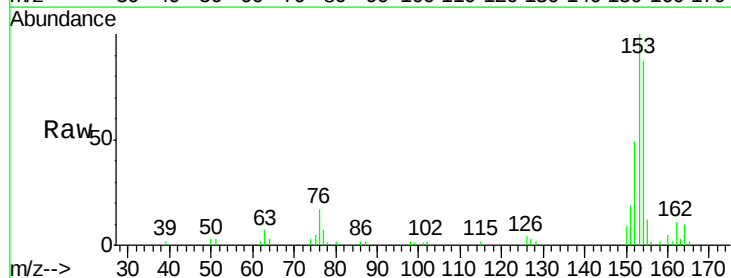


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

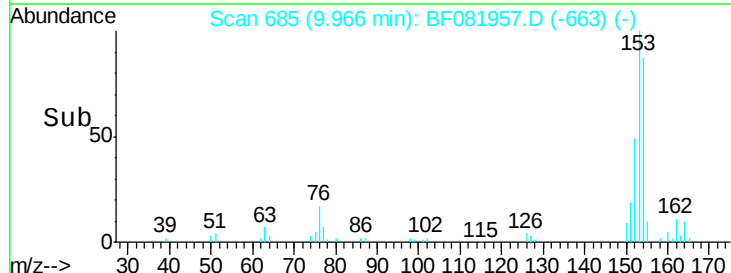
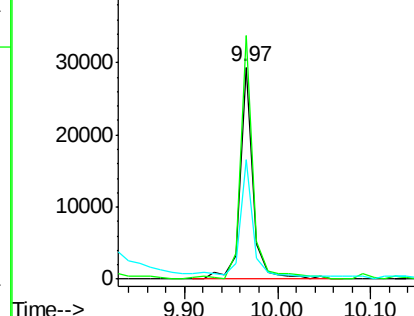


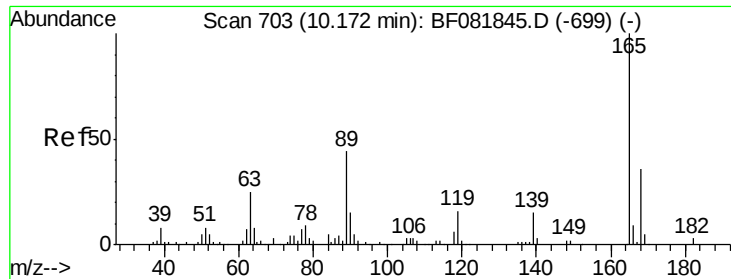
#51
Acenaphthene
Concen: 2.30 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF081957.D
Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	82.1	123.1
152	56.1	37.9	56.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

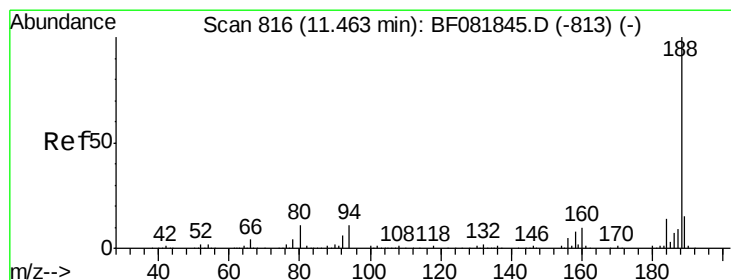
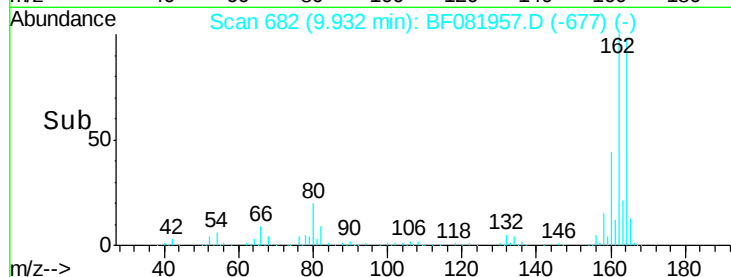
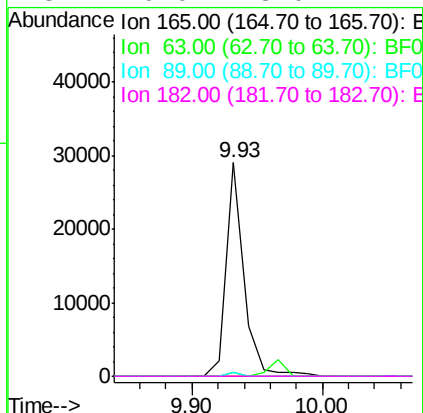
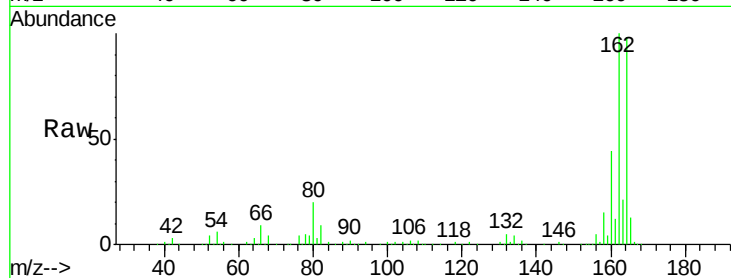




#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

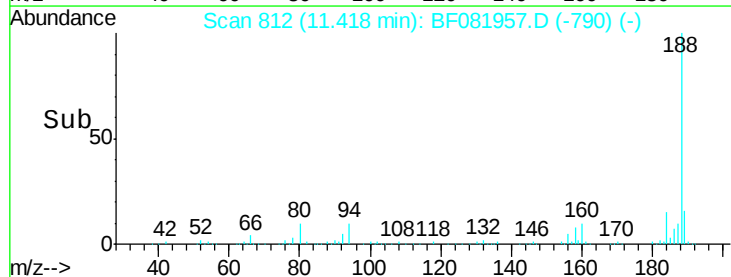
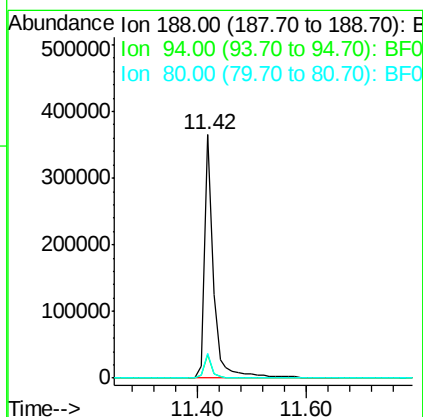
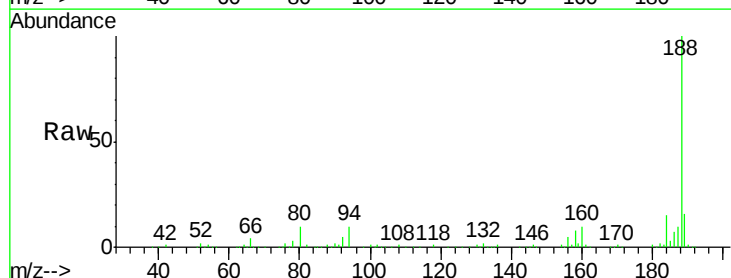
Instrument :
 BNA_F
 ClientSampleId :
 MW-7BDDL2

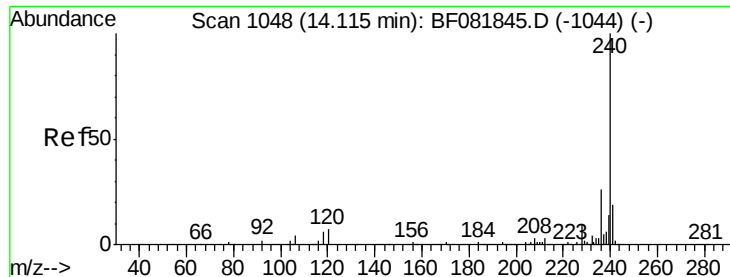
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081957.D
 Acq: 2 Oct 2015 00:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.3	11.0	16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

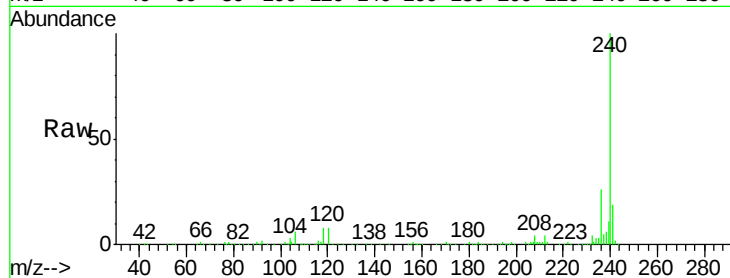
Tgt Ion:240 Resp: 402767

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

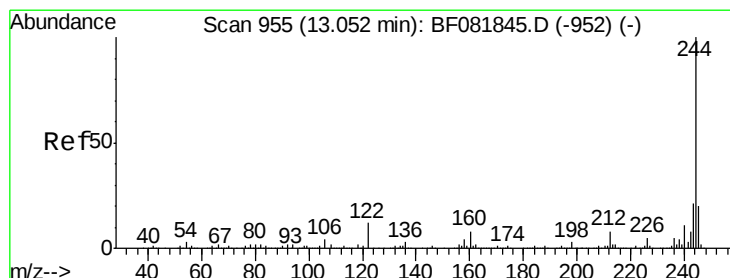
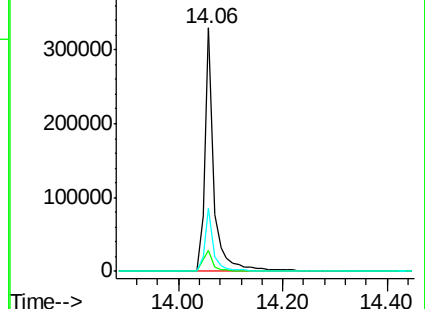
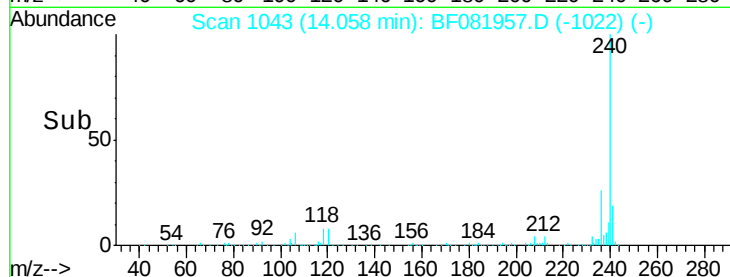
236 26.2 18.4 27.6



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: 0.61 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081957.D

Acq: 2 Oct 2015 00:14

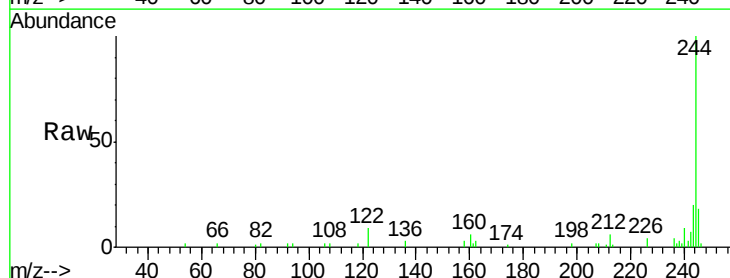
Tgt Ion:244 Resp: 39041

Ion Ratio Lower Upper

244 100

212 6.1 4.3 6.5

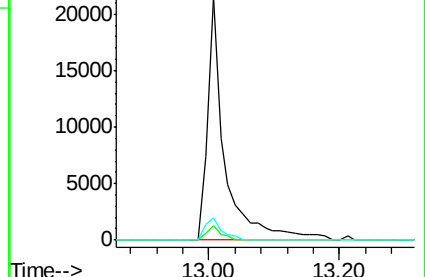
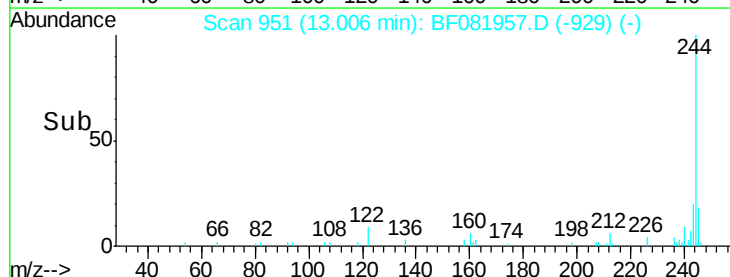
122 9.2 17.4 26.2#

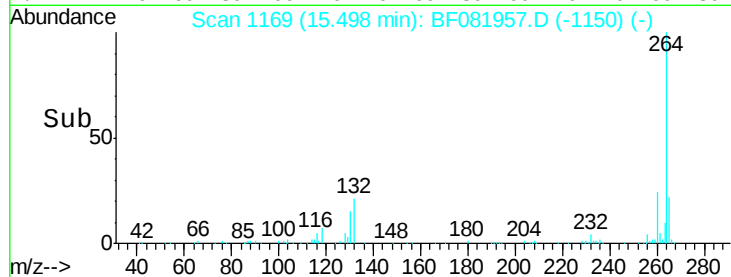
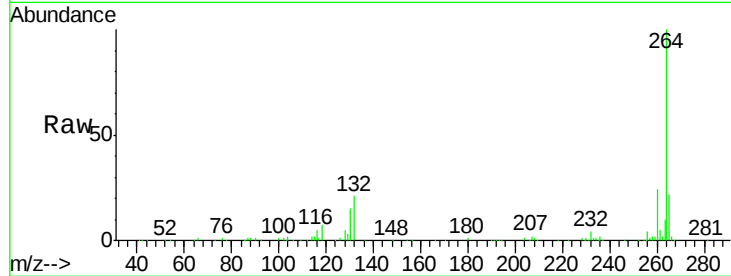
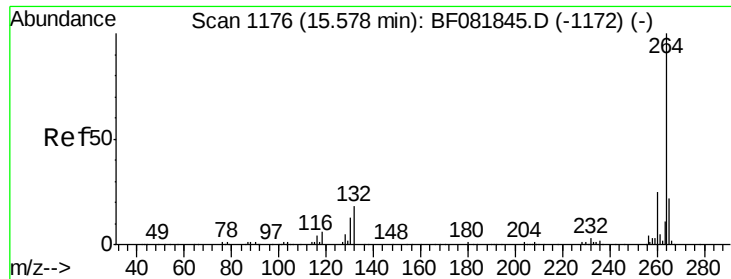


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081957.D

Acq: 2 Oct 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-7BDDL2

Tgt Ion:264 Resp: 299120

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

265 21.6 17.2 25.8

