

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080945.D
 Acq On : 8 Aug 2015 2:39
 Operator : TP/UM
 Sample : G3208-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 03:18:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

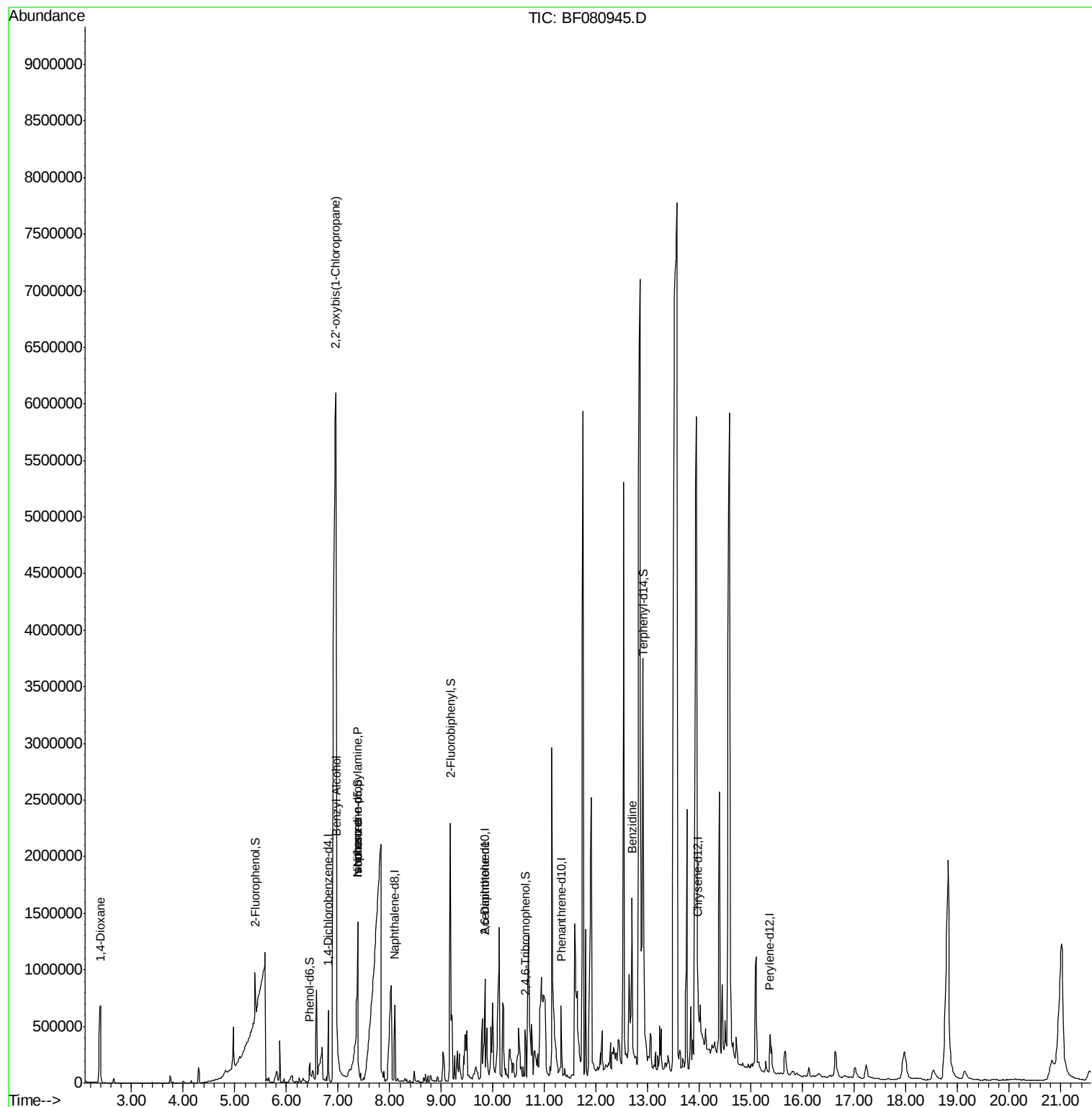
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	80775	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	313153	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	138678	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	211097	20.00	ng	0.00
75) Chrysene-d12	13.96	240	251715	20.00	ng	0.00
86) Perylene-d12	15.37	264	153553	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	108622	21.97	ng	0.01
7) Phenol-d6	6.44	99	44378	6.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	318157	48.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	59724	39.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	570086	57.87	ng	0.00
78) Terphenyl-d14	12.91	244	323523	26.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.40	88	414731	176.86	ng	98
15) Benzyl Alcohol	6.97	79	21408	3.86	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	6.96	45	100154	8.30	ng	73
19) n-Nitroso-di-n-propylamine	7.38	70	100189	20.23	ng	# 90
25) Isophorone	7.38	82	246723	19.38	ng	# 65
50) 2,6-Dinitrotoluene	9.85	165	20264	8.51	ng	# 8
76) Benzidine	12.69	184	2009	2.40	ng	# 1

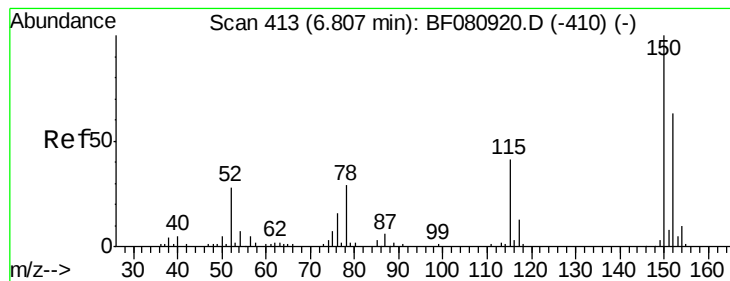
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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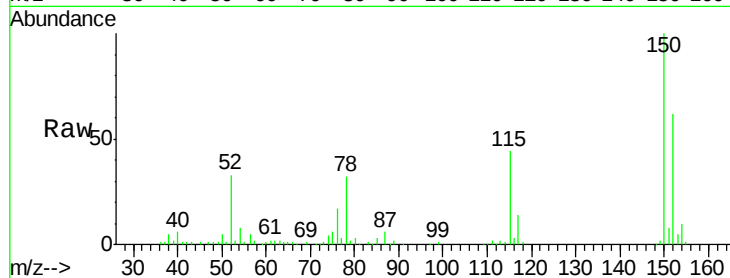


#1

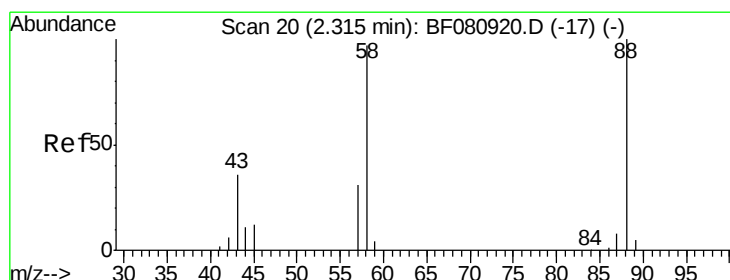
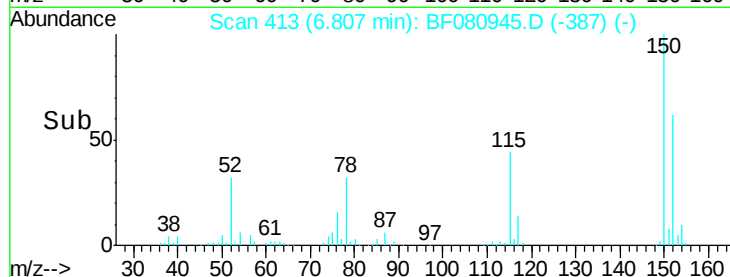
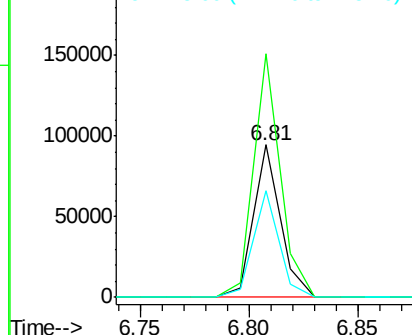
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80775
Ion Ratio Lower Upper
152 100
150 160.1 127.4 191.2
115 70.2 52.6 78.8



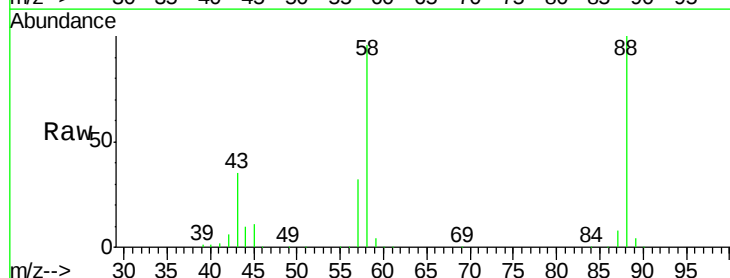
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



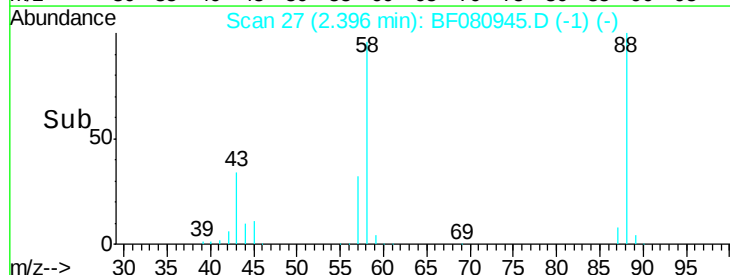
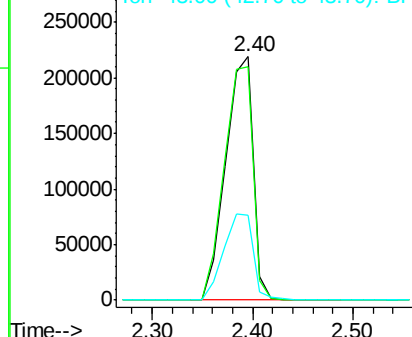
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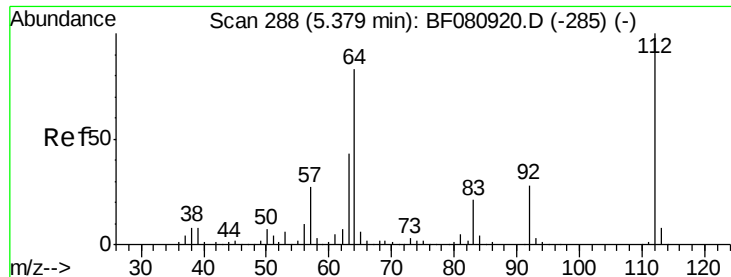
1,4-Dioxane
Concen: 176.86 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion: 88 Resp: 414731
Ion Ratio Lower Upper
88 100
58 100.4 79.3 118.9
43 38.5 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 21.97 ng

RT: 5.39 min Scan# 289

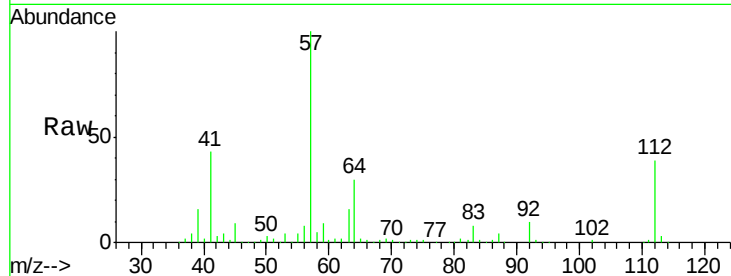
Delta R.T. 0.01 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampled :

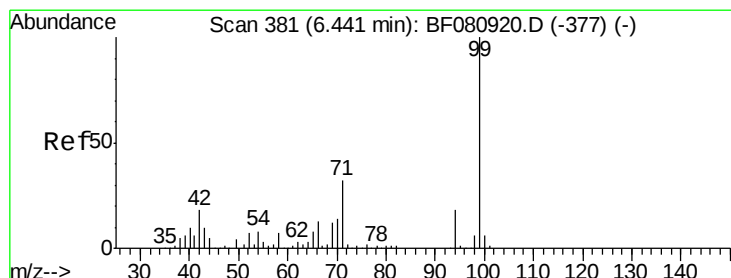
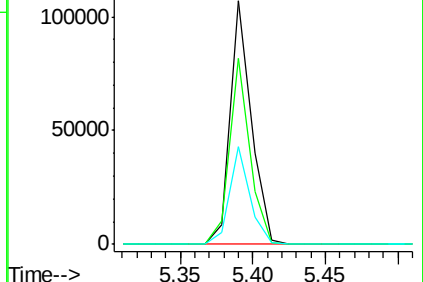
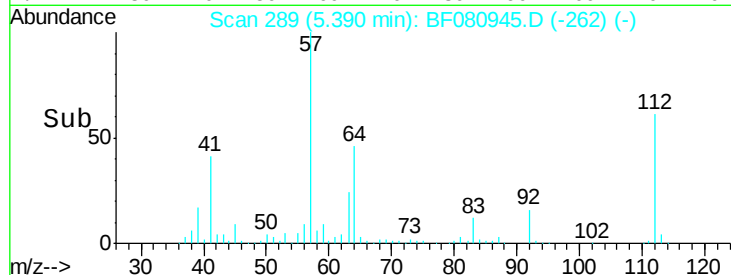
Tot Ion:	112	Resp:	108622
Ion Ratio	Lower	Upper	
112	100		
64	76.4	66.1	99.1
63	40.3	34.6	52.0



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: 6.55 ng

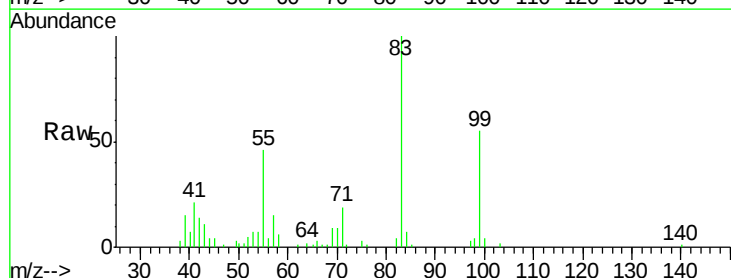
RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

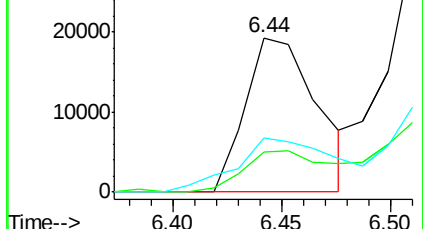
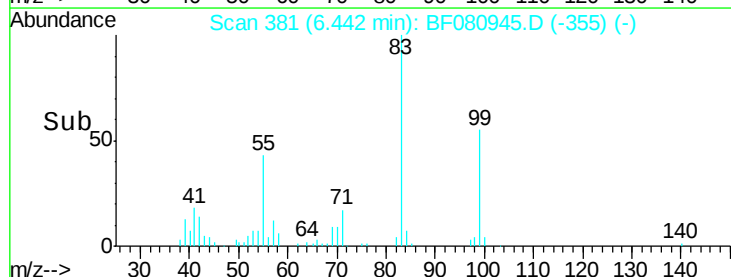
Tgt Ion:	99	Resp:	44378
Ion Ratio	Lower	Upper	
99	100		
42	25.7	14.4	21.6#
71	35.2	25.8	38.8

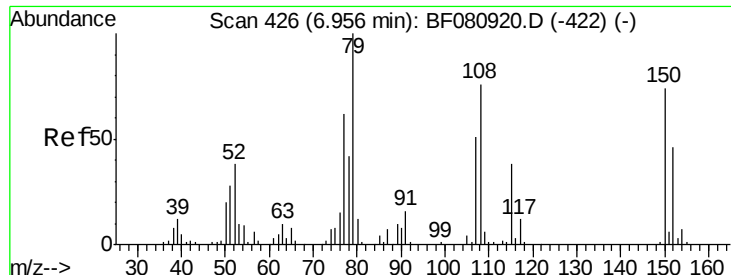


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 3.86 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

Instrument :

BNA_F

ClientSampled :

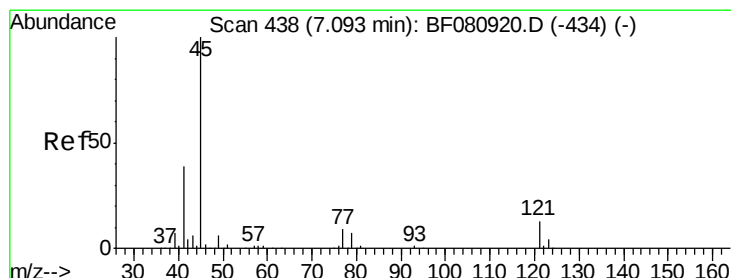
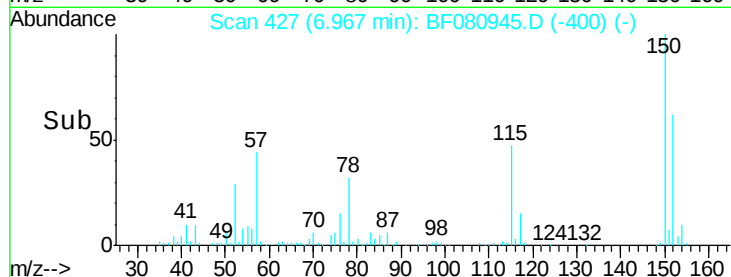
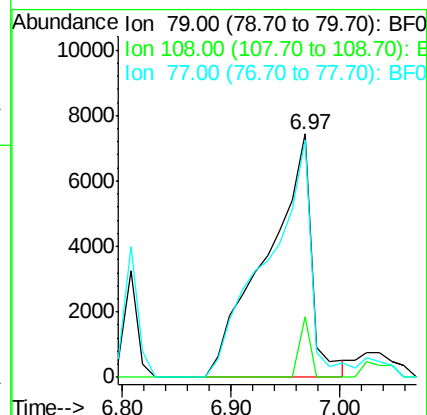
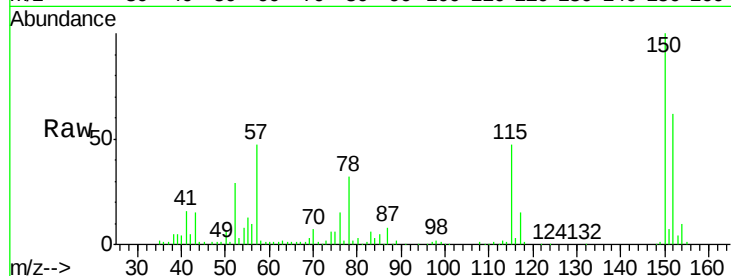
Tot Ion: 79 Resp: 21408

Ion Ratio Lower Upper

79 100

108 25.1 60.9 91.3#

77 97.5 49.4 74.0#



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.30 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.14 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

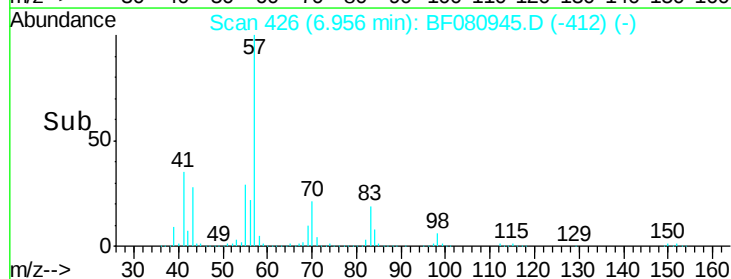
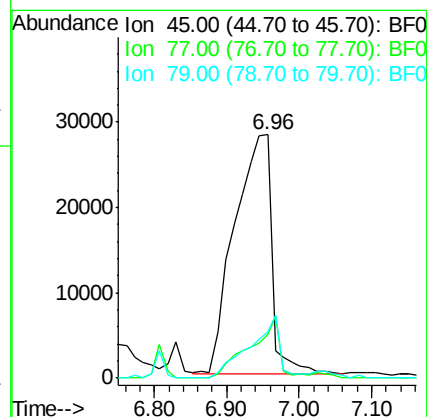
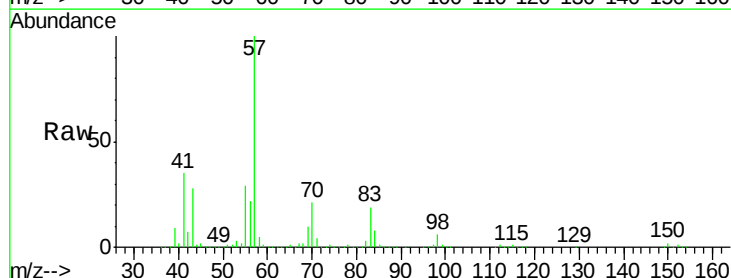
Tgt Ion: 45 Resp: 100154

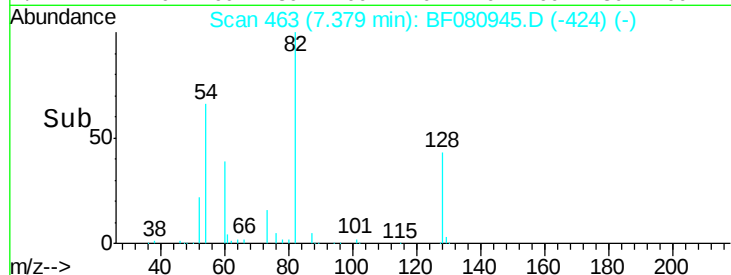
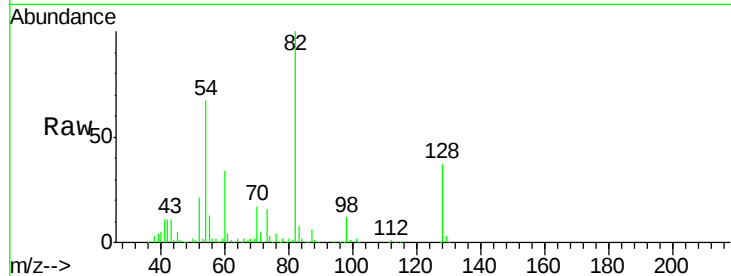
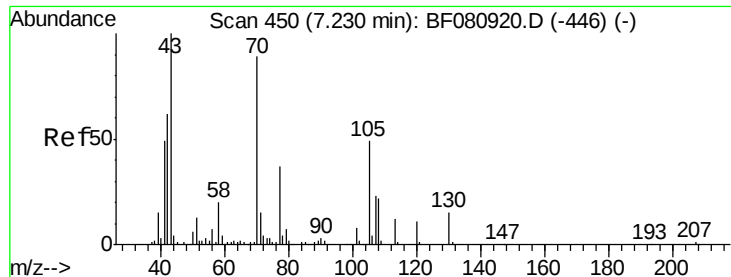
Ion Ratio Lower Upper

45 100

77 18.0 0.0 29.6

79 19.0 0.0 27.7

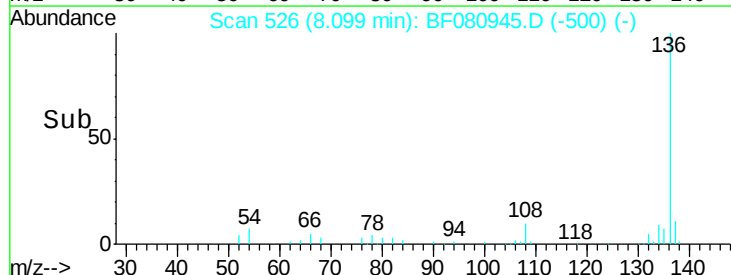
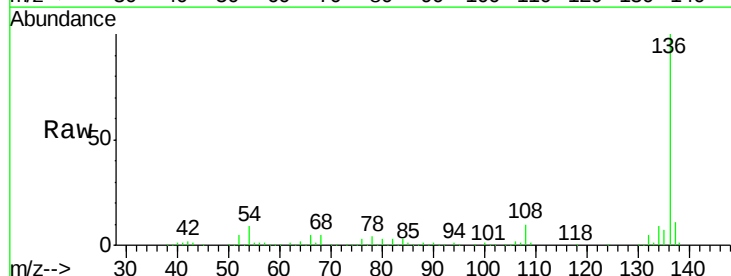
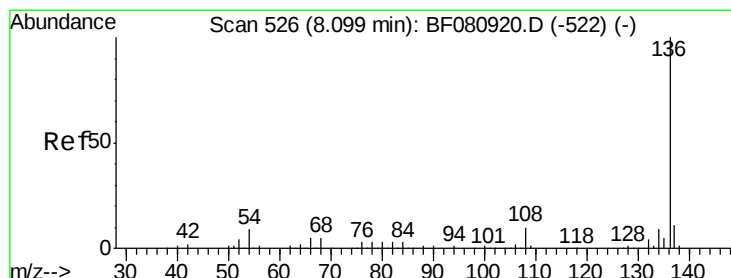
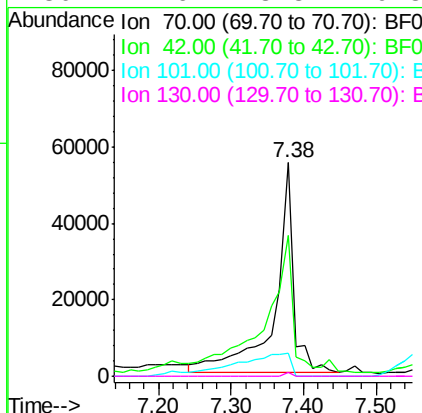




#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

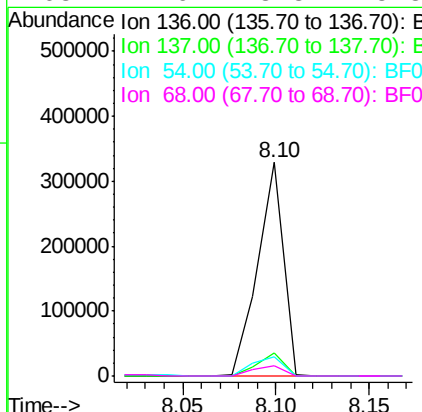
Instrument :
BNA_F
ClientSampleId :

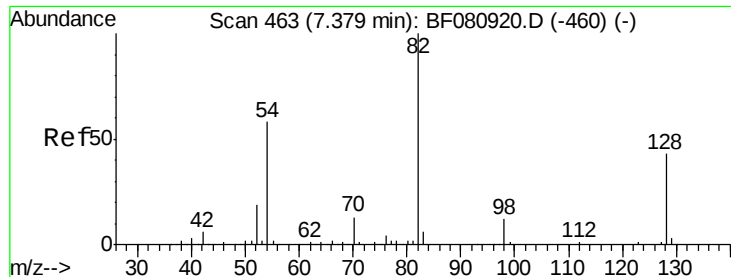
Tot Ion: 70 Resp: 100189
Ion Ratio Lower Upper
70 100
42 66.0 55.7 83.5
101 10.9 7.0 10.6#
130 1.6 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion:136 Resp: 313153
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.0 7.1 10.7
68 4.6 3.8 5.8

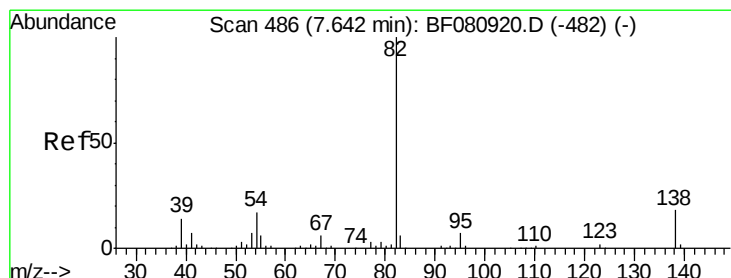
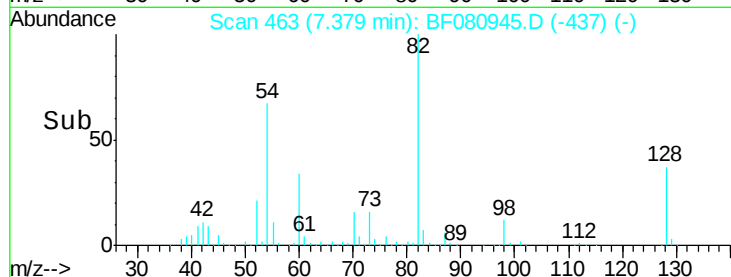
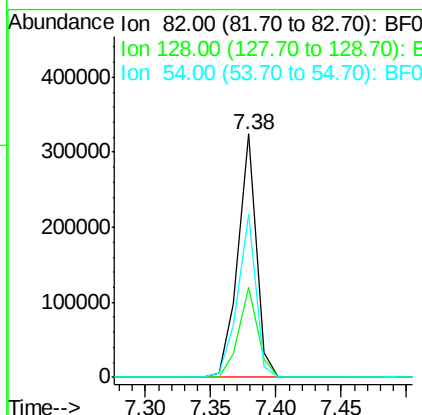
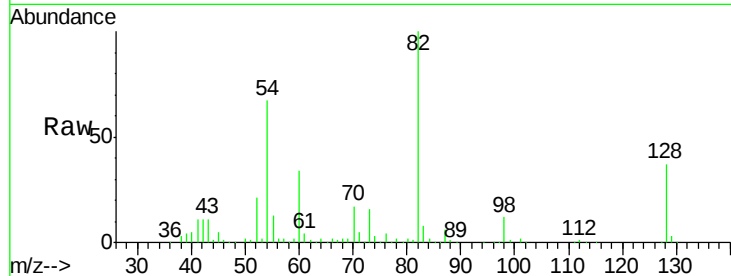




#23
 Nitrobenzene-d5
 Concen: 48.06 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF080945.D
 Acq: 8 Aug 2015 2:39

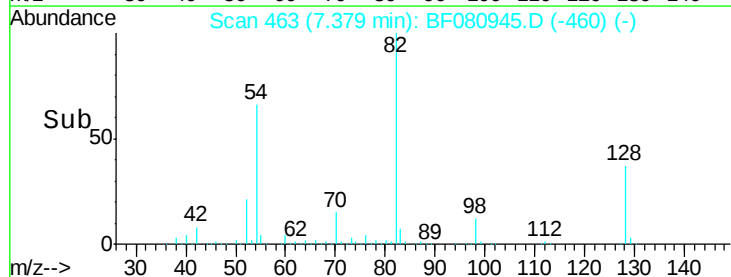
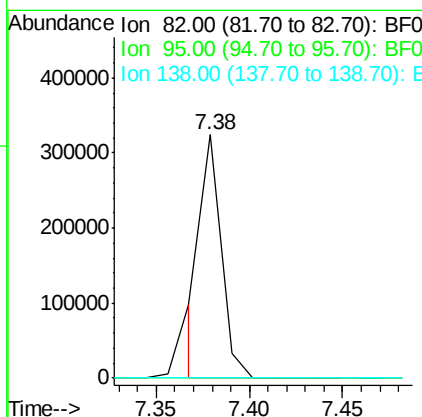
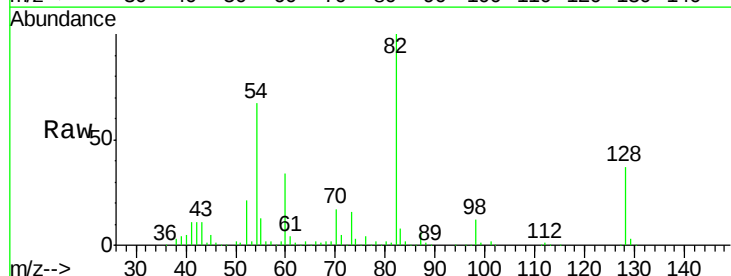
Instrument :
 BNA_F
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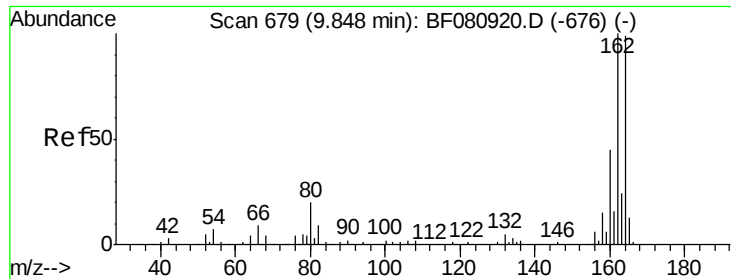
Tot Ion	82	Resp	318157
Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.1	51.1
54	66.7	46.5	69.7



#25
 Isophorone
 Concen: 19.38 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.26 min
 Lab File: BF080945.D
 Acq: 8 Aug 2015 2:39

Tgt Ion	82	Resp	246723
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.1	21.1#

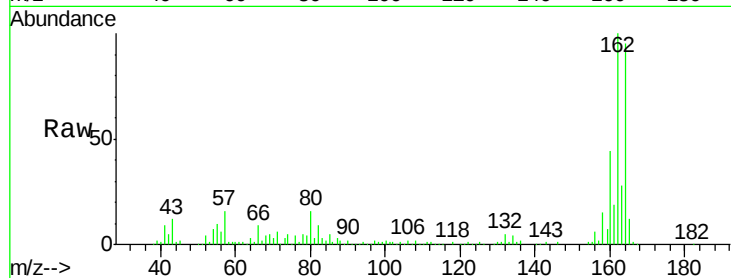




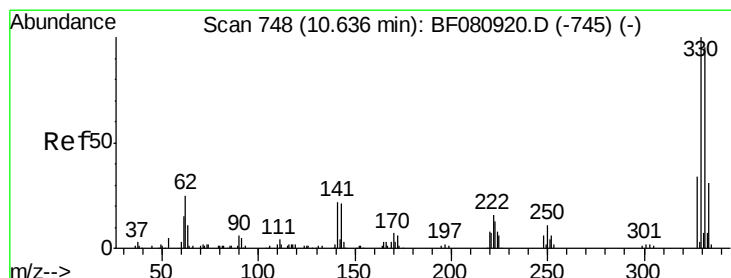
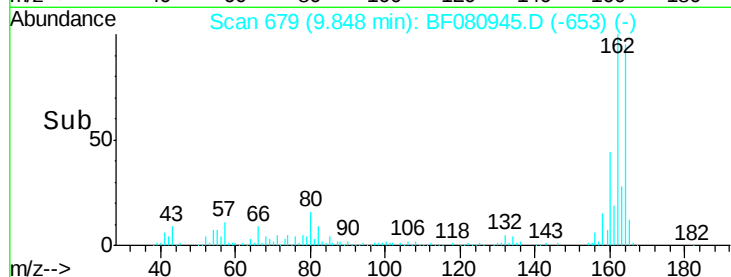
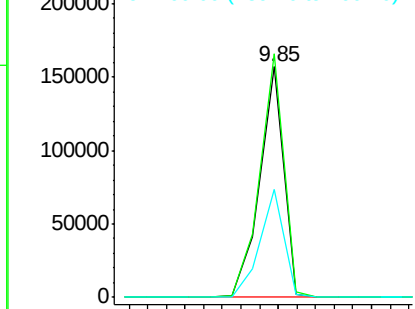
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 138678
Ion Ratio Lower Upper
164 100
162 105.5 80.5 120.7
160 47.0 36.6 54.8

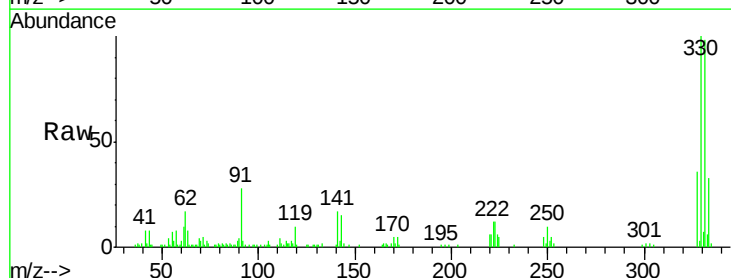


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

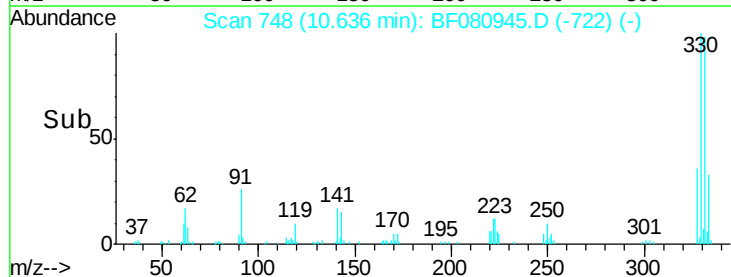
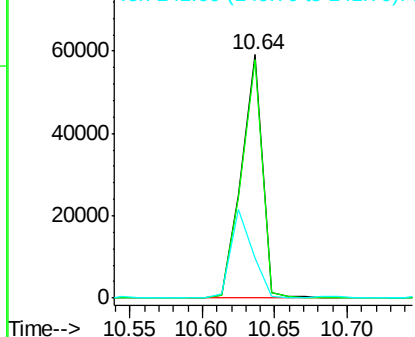


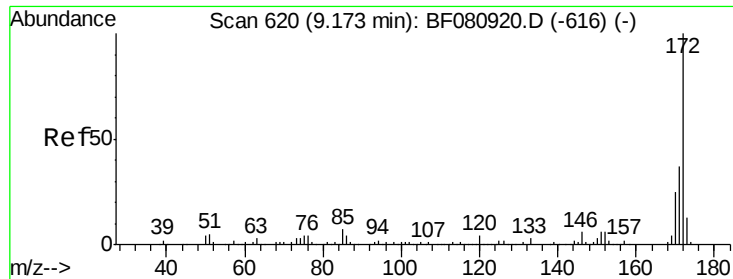
#41
2,4,6-Tribromophenol
Concen: 39.20 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion:330 Resp: 59724
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 37.6 27.8 41.8



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

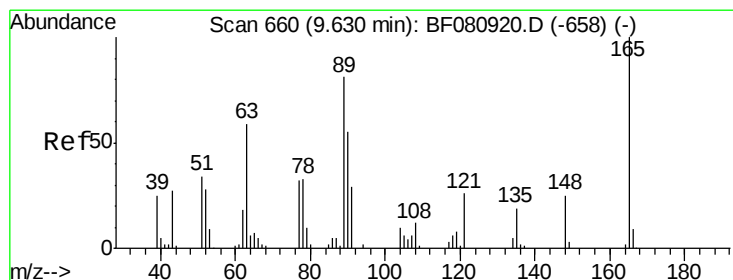
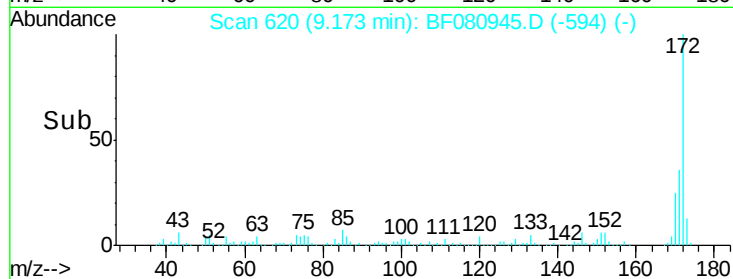
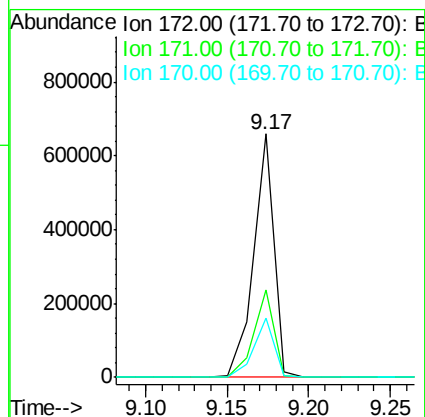
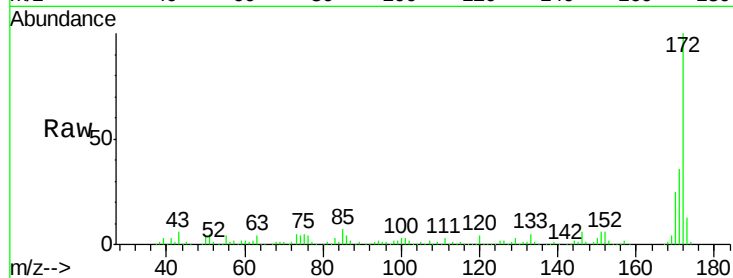




#44
2-Fluorobiphenyl
Concen: 57.87 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

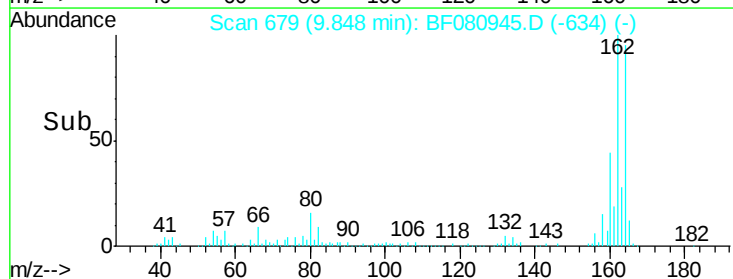
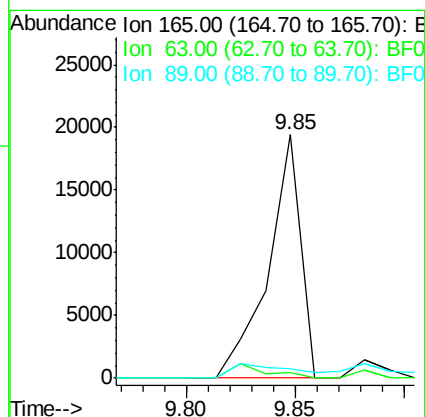
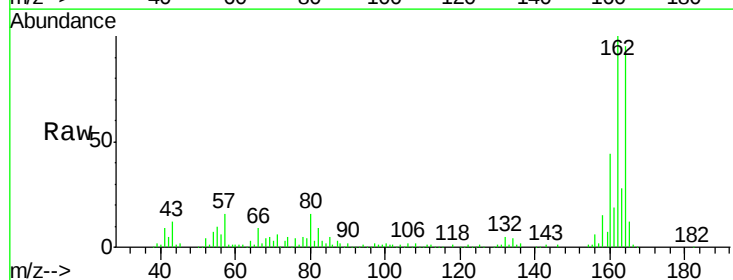
Instrument :
BNA_F
ClientSampleId :

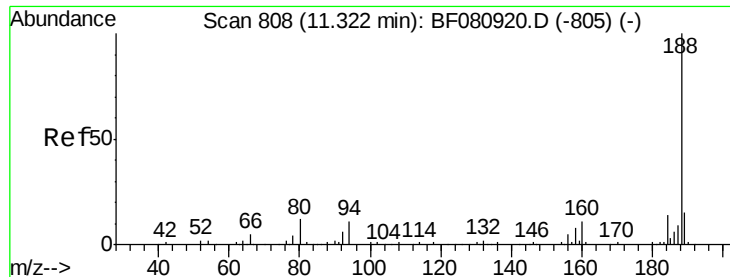
Tot Ion:172 Resp: 570086
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.6 19.7 29.5



#50
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.22 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion:165 Resp: 20264
Ion Ratio Lower Upper
165 100
63 2.2 77.6 116.4#
89 3.8 64.5 96.7#

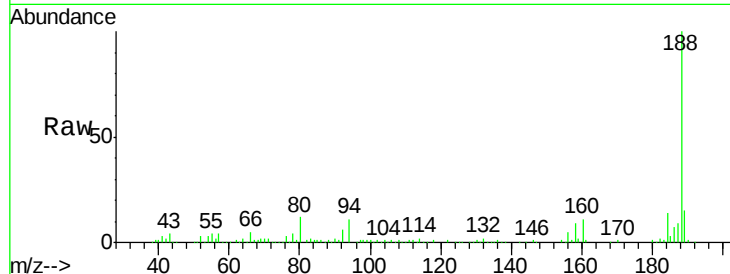




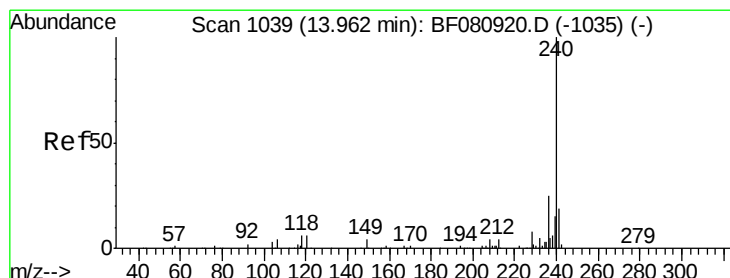
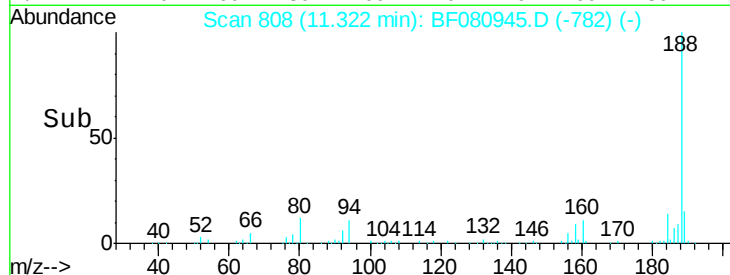
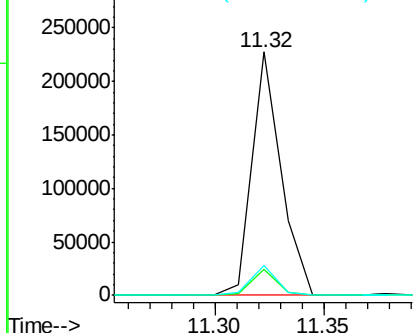
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	188	94	80	Ratio	Lower	Upper
211097	100	10.8	12.0		8.8	14.3

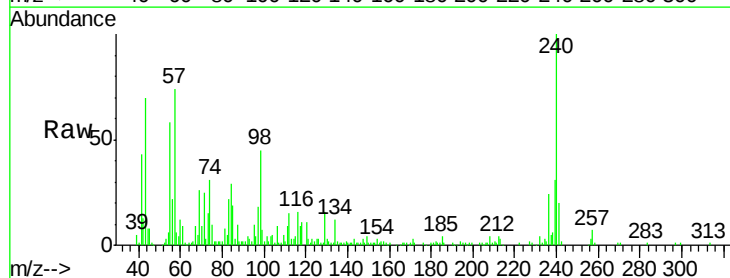


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

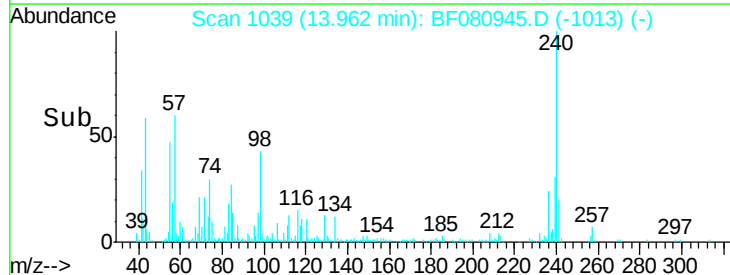
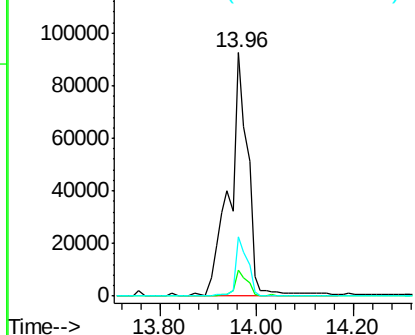


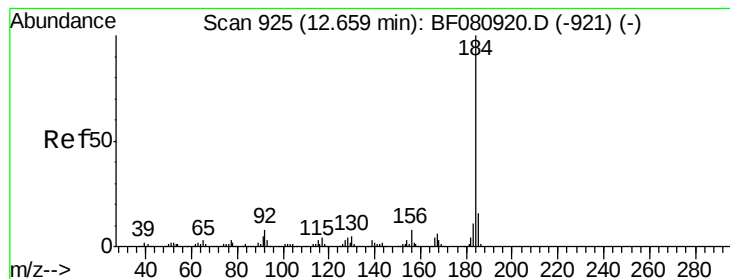
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080945.D
Acq: 8 Aug 2015 2:39

Tgt Ion	240	120	236	Ratio	Lower	Upper
251715	100	10.9	24.1		5.2	30.4



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





#76

Benzidine

Concen: 2.40 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.03 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

Instrument :

BNA_F

ClientSampleId :

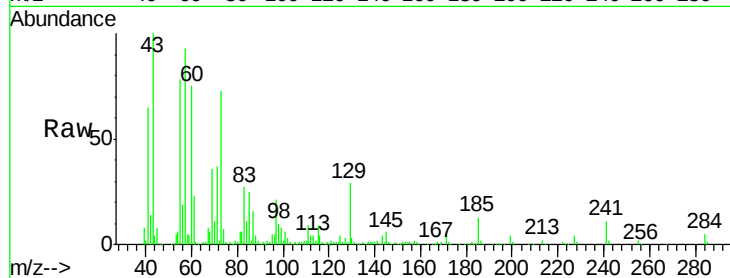
Tot Ion:184 Resp: 2009

Ion Ratio Lower Upper

184 100

185 2809.4 13.0 19.4#

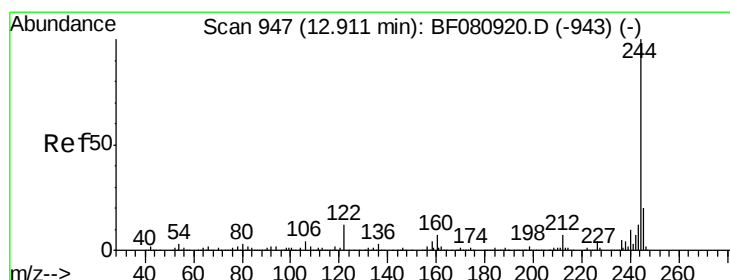
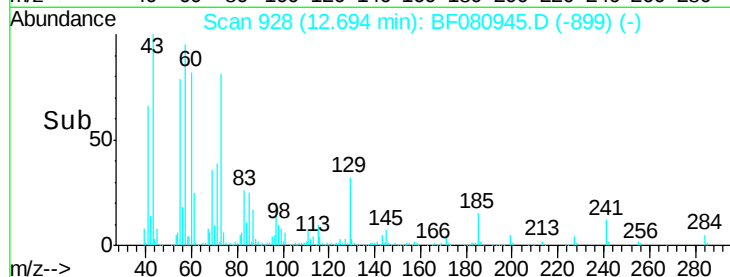
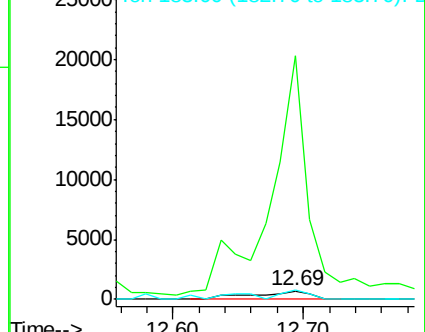
183 101.0 8.7 13.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 26.55 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF080945.D

Acq: 8 Aug 2015 2:39

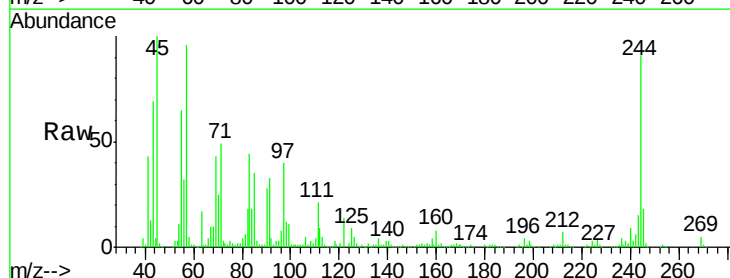
Tgt Ion:244 Resp: 323523

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

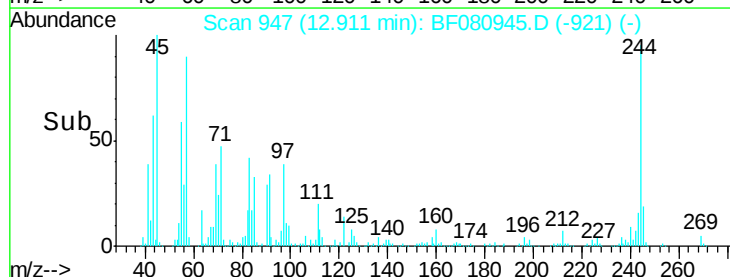
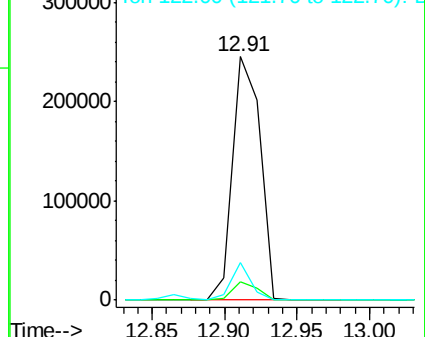
122 15.4 9.4 14.2#

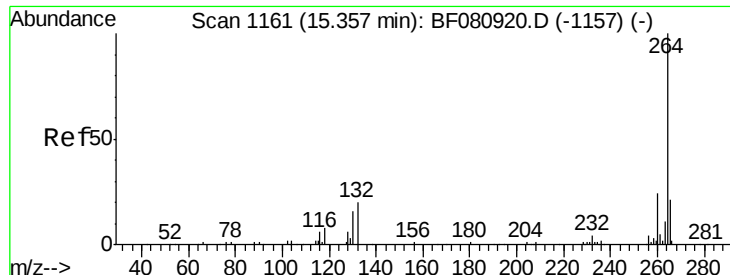


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

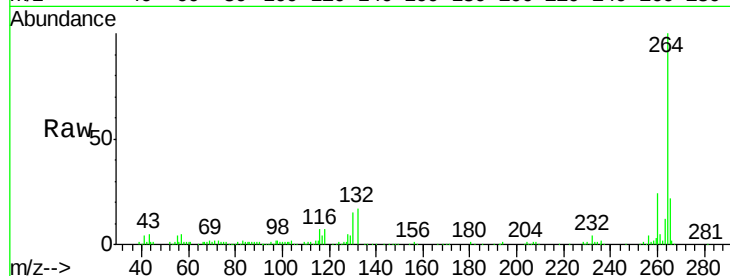




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF080945.D
 Acq: 8 Aug 2015 2:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.6	17.0	25.4



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

