

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084267.D
 Acq On : 5 Jan 2016 5:59
 Operator : UM/SJ
 Sample : G4990-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Quant Time: Jan 05 07:17:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

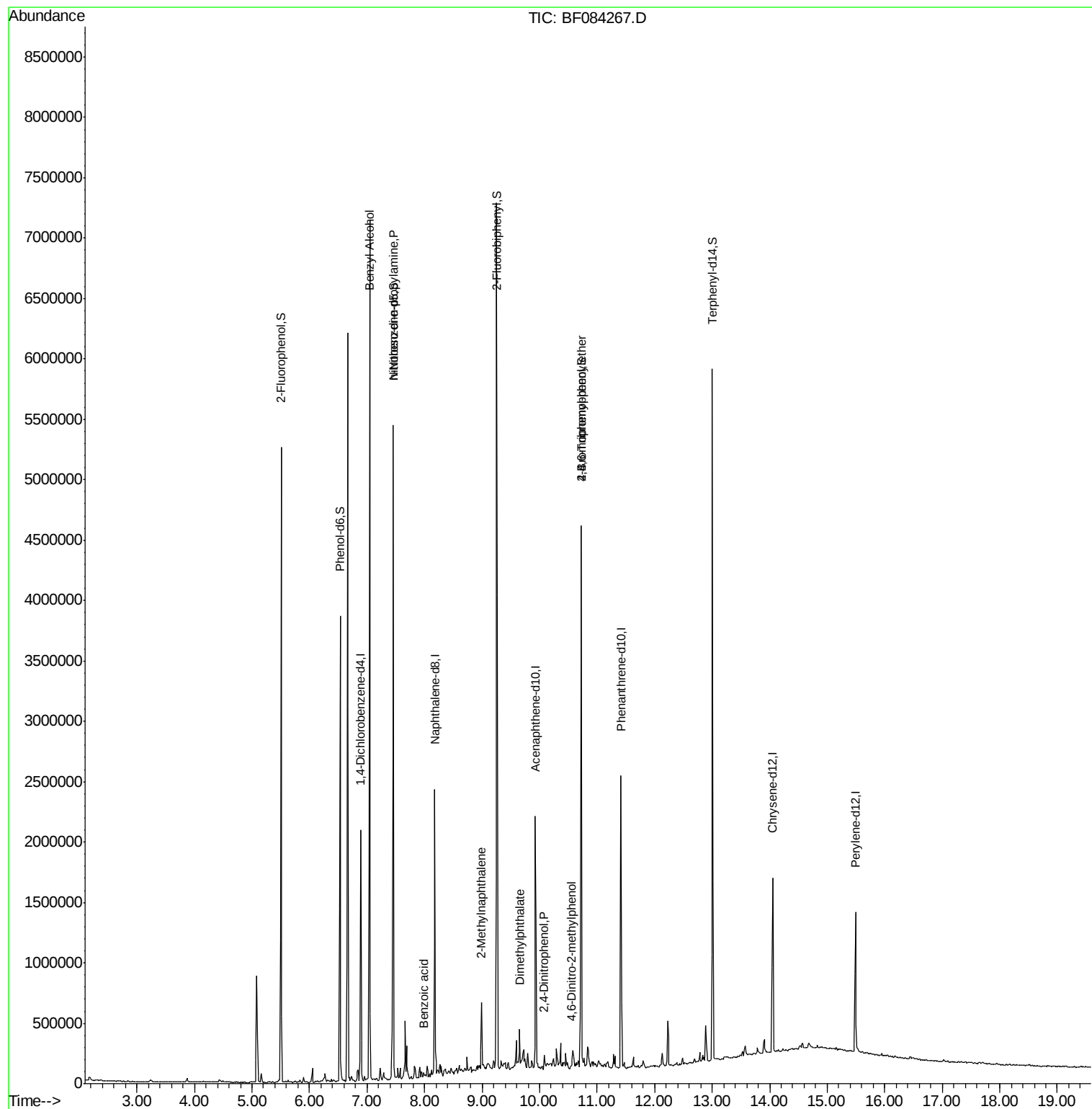
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	270548	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1150239	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	491393	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	833120	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	570704	20.00	ng	-0.01
86) Perylene-d12	15.49	264	553650	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1275578	76.26	ng	0.01
7) Phenol-d6	6.53	99	1246007	59.31	ng	0.00
23) Nitrobenzene-d5	7.46	82	1899448	91.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	712351	143.59	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2878388	104.50	ng	-0.01
78) Terphenyl-d14	13.00	244	1784301	69.79	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.05	79	36347	2.06	ng	# 43
19) n-Nitroso-di-n-propylamine	7.46	70	282521	19.87	ng	# 69
32) Benzoic acid	7.98	122	1397	6.35	ng	# 1
37) 2-Methylnaphthalene	8.99	142	142104	3.79	ng	# 99
49) Dimethylphthalate	9.65	163	104349	2.97	ng	# 91
53) 2,4-Dinitrophenol	10.08	184	232	3.62	ng	# 1
54) Dibenzofuran	10.13	168	2380	Below Cal		# 1
57) Fluorene	10.48	166	2646	Below Cal		# 82
60) 4-Chlorophenyl-phenylether	10.54	204	242	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.56	198	323	6.47	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	48920	5.46	ng	# 1
73) Di-n-butylphthalate	11.98	149	5871	Below Cal		# 84

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084267.D
Acq On : 5 Jan 2016 5:59
Operator : UM/SJ
Sample : G4990-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-39

Quant Time: Jan 05 07:17:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

Instrument :

BNA_F

ClientSampleId :

W-39

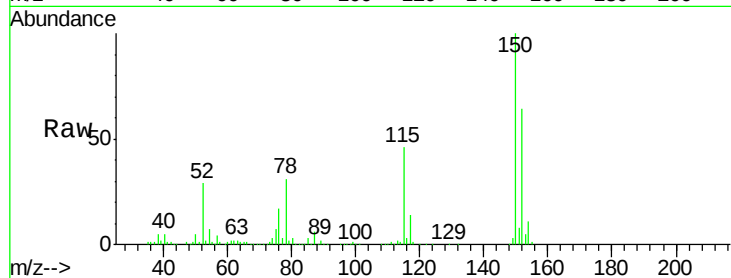
Tgt Ion:152 Resp: 270548

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

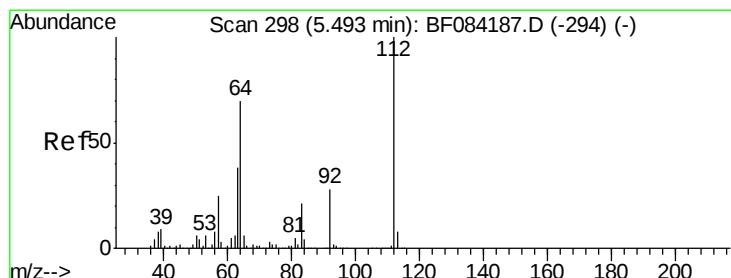
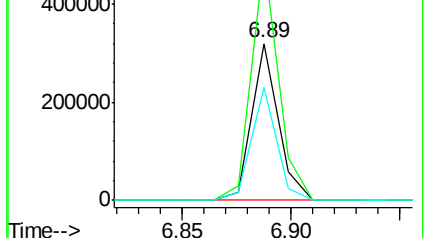
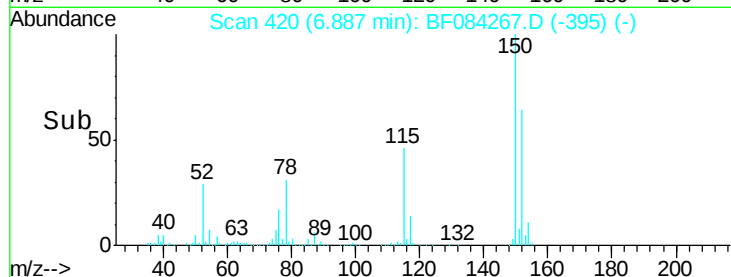
115 71.9 51.4 77.2



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: 76.26 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

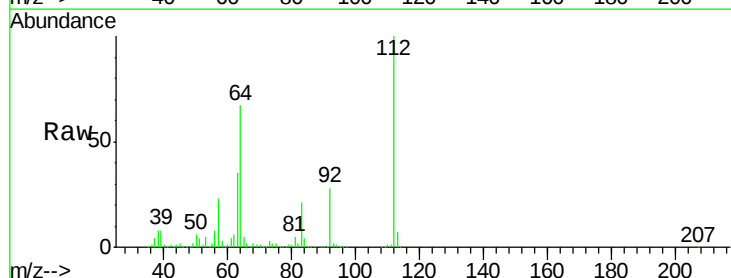
Tgt Ion:112 Resp: 1275578

Ion Ratio Lower Upper

112 100

64 67.1 36.6 55.0#

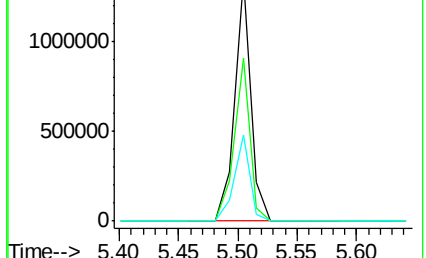
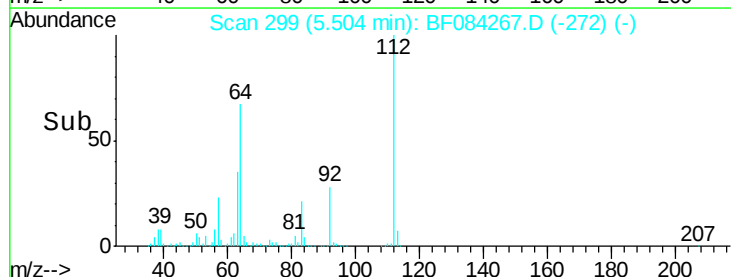
63 35.4 19.4 29.0#

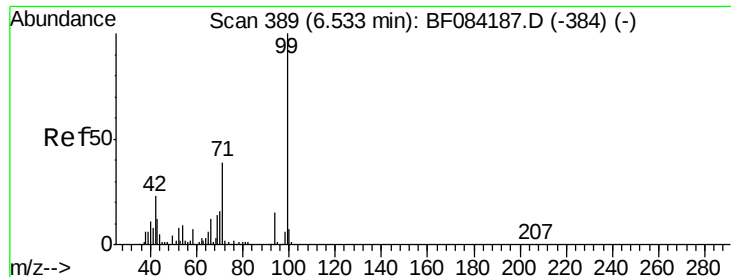


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.31 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

Instrument :

BNA_F

ClientSampleId :

W-39

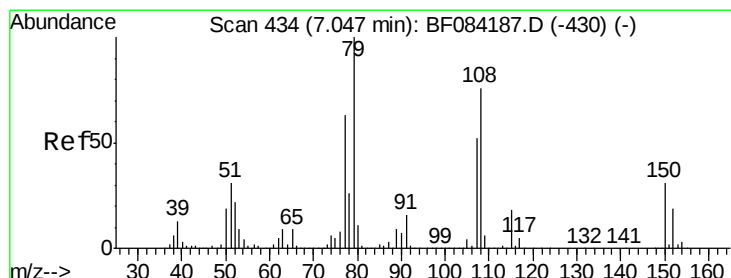
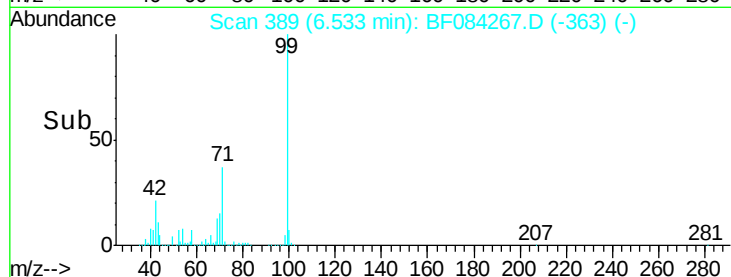
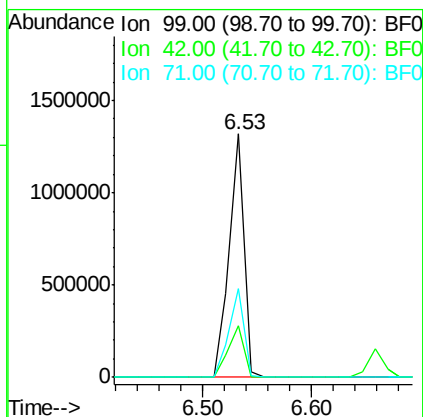
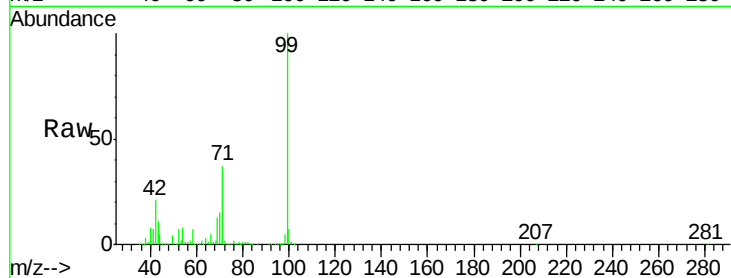
Tgt Ion: 99 Resp: 1246007

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

71 36.7 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

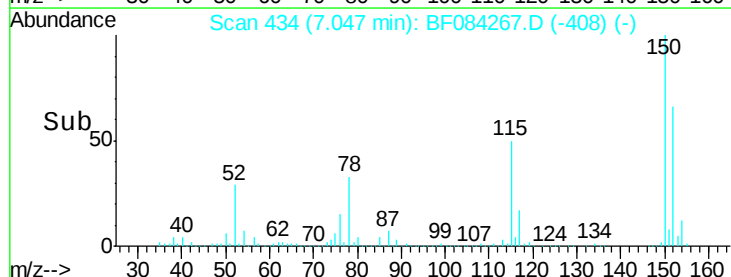
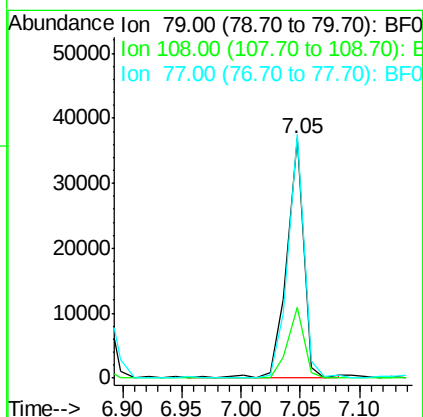
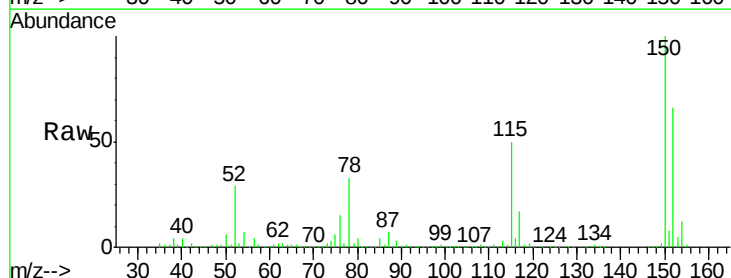
Tgt Ion: 79 Resp: 36347

Ion Ratio Lower Upper

79 100

108 29.5 69.0 103.4#

77 101.6 50.0 75.0#

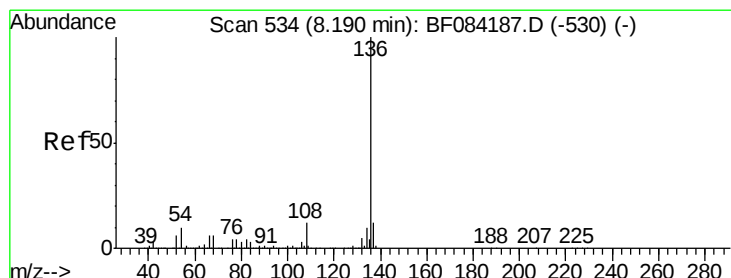
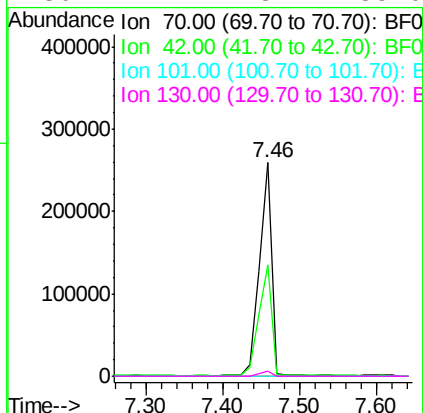
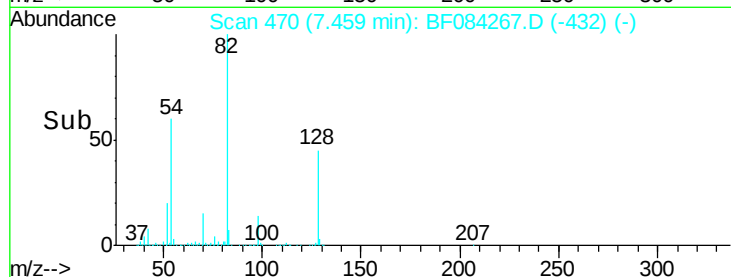
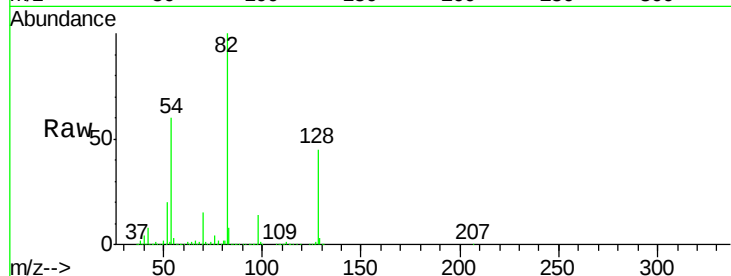




#19
n-Nitroso-di-n-propylamine
Concen: 19.87 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084267.D
Acq: 5 Jan 2016 5:59

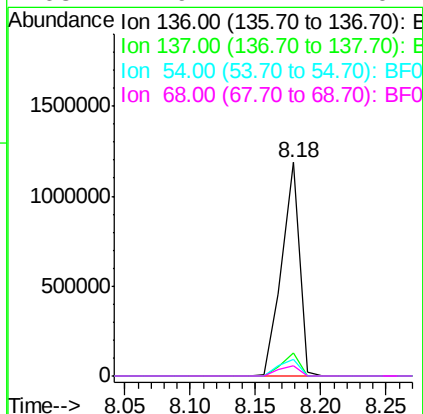
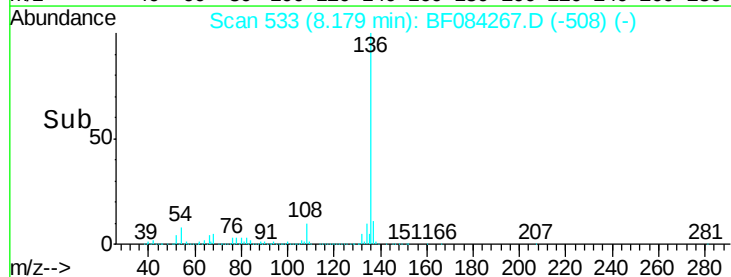
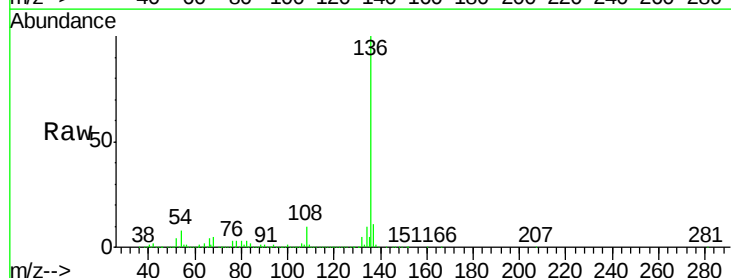
Instrument :
BNA_F
ClientSampleId :
W-39

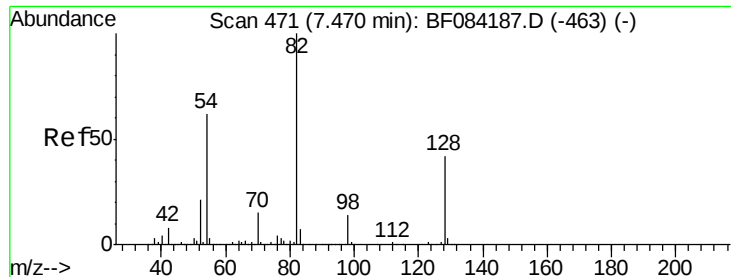
Tgt Ion: 70 Resp: 282521
Ion Ratio Lower Upper
70 100
42 52.1 33.3 49.9#
101 0.0 9.3 13.9#
130 2.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084267.D
Acq: 5 Jan 2016 5:59

Tgt Ion: 136 Resp: 1150239
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 5.8 8.8
68 4.9 4.2 6.2

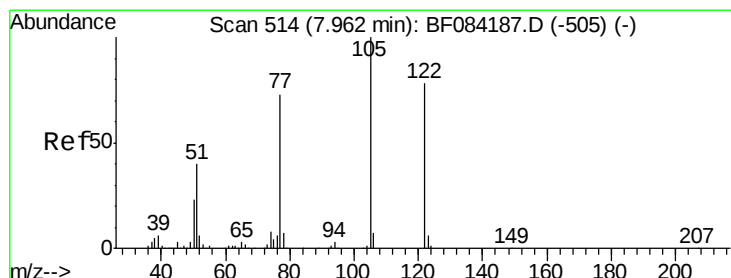
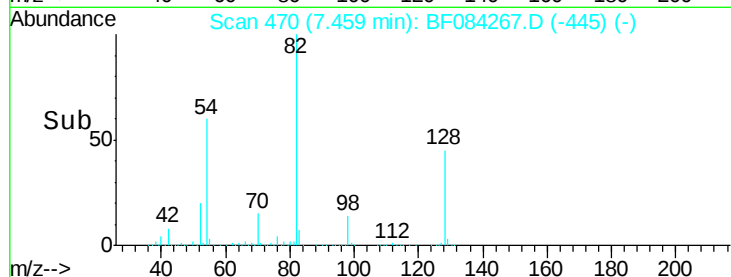
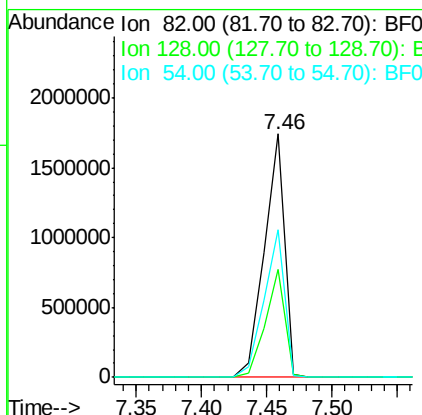
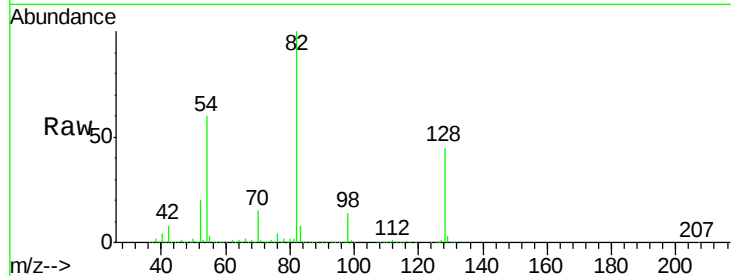




#23
 Nitrobenzene-d5
 Concen: 91.91 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084267.D
 Acq: 5 Jan 2016 5:59

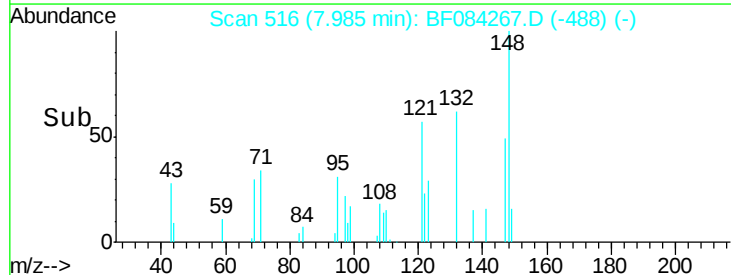
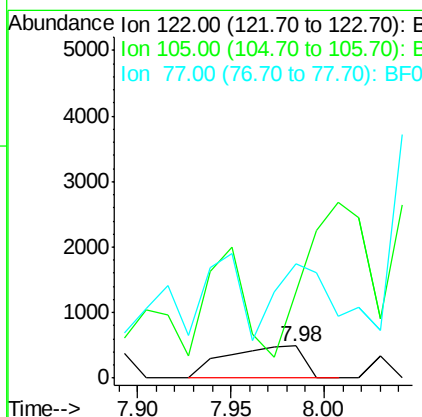
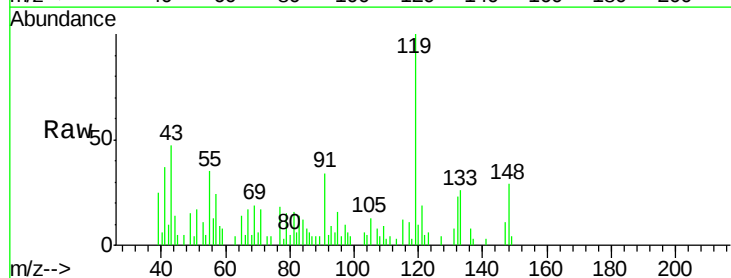
Instrument :
 BNA_F
 ClientSampled :
 W-39

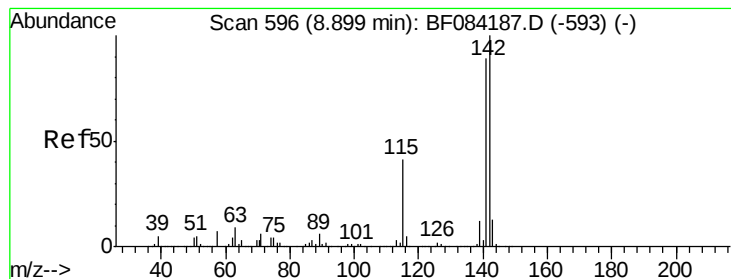
Tgt Ion: 82 Resp: 1899448
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 60.4 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.35 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.02 min
 Lab File: BF084267.D
 Acq: 5 Jan 2016 5:59

Tgt Ion: 122 Resp: 1397
 Ion Ratio Lower Upper
 122 100
 105 268.1 100.3 140.3#
 77 357.3 63.5 103.5#

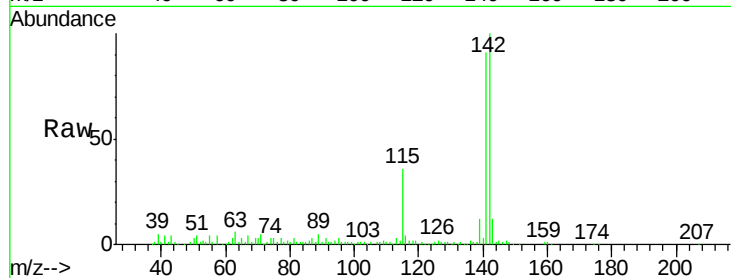




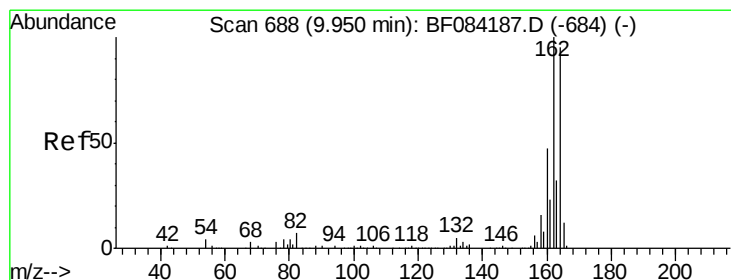
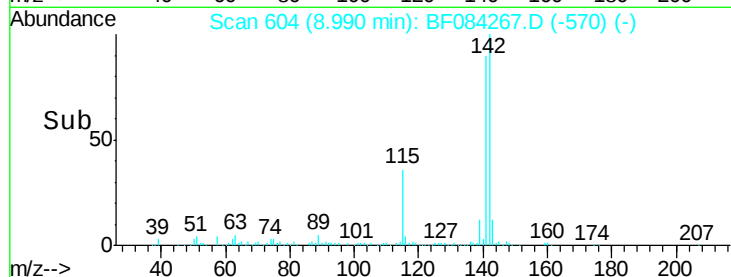
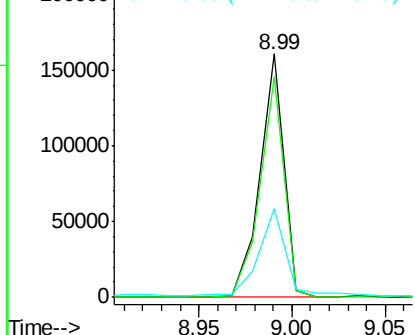
#37
 2-Methylnaphthalene
 Concen: 3.79 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.09 min
 Lab File: BF084267.D
 Acq: 5 Jan 2016 5:59

Instrument :
 BNA_F
 ClientSampleId :
 W-39

Tgt Ion:142 Resp: 142104
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.4 108.6
 115 36.2 27.9 41.9

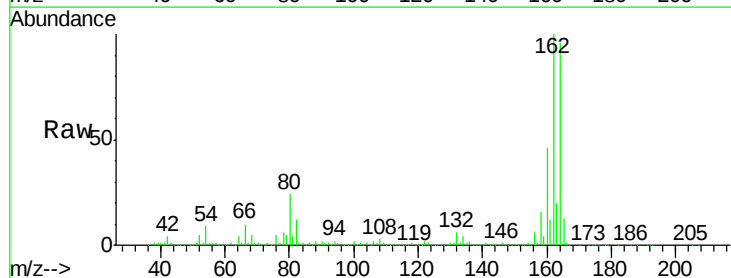


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

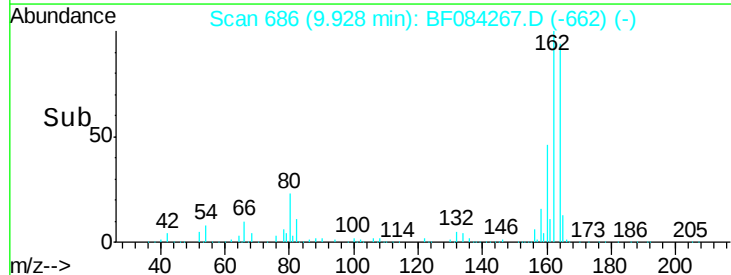
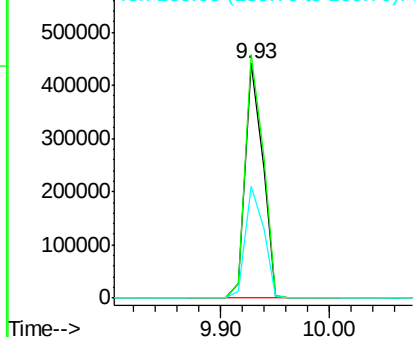


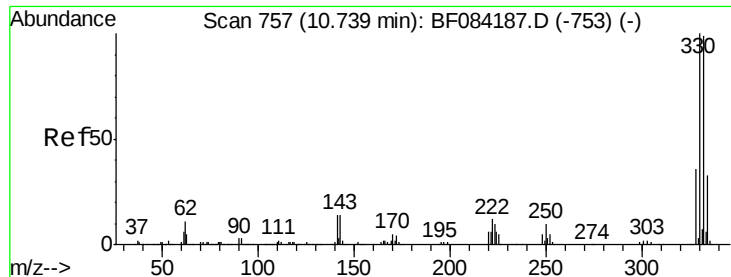
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF084267.D
 Acq: 5 Jan 2016 5:59

Tgt Ion:164 Resp: 491393
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.1 127.7
 160 47.8 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

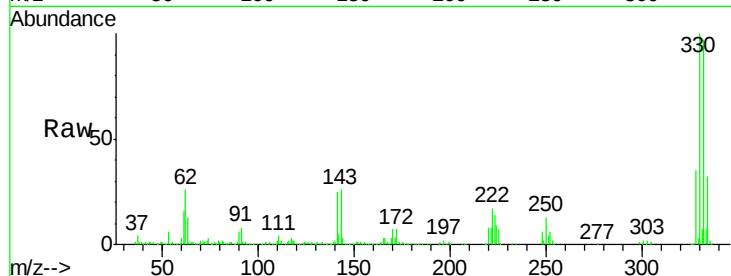




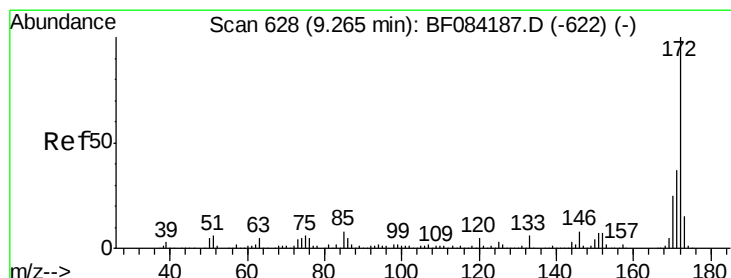
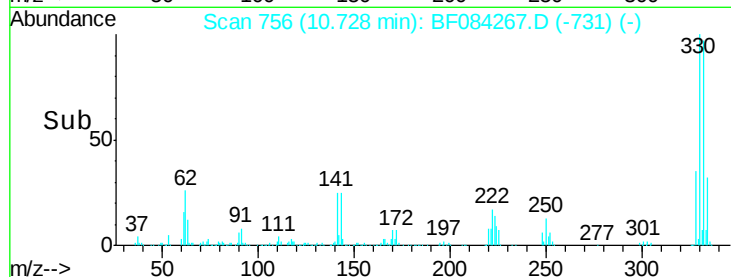
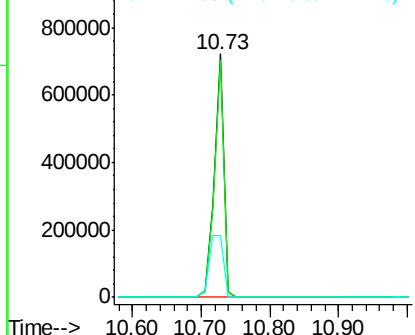
#41
 2,4,6-Tribromophenol
 Concen: 143.59 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084267.D
 Acq: 5 Jan 2016 5:59

Instrument :
 BNA_F
 ClientSampled :
 W-39

Tgt Ion:330 Resp: 712351
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 37.6 27.8 41.6

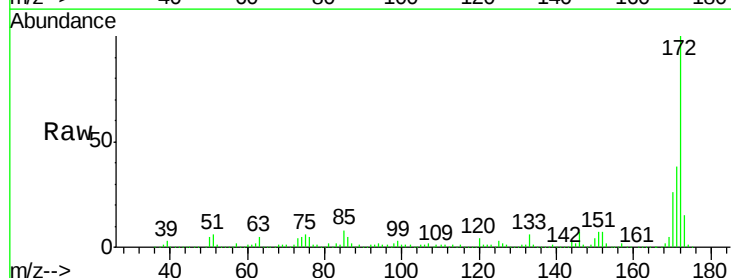


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

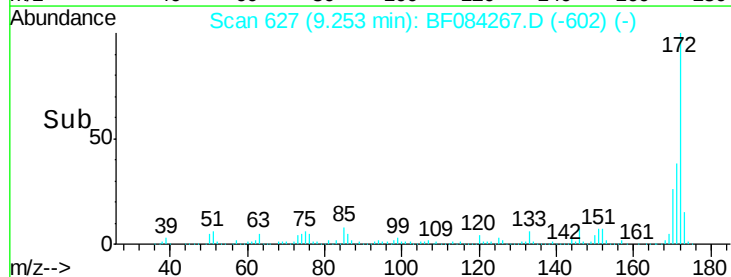
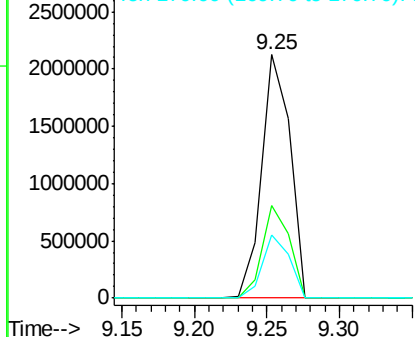


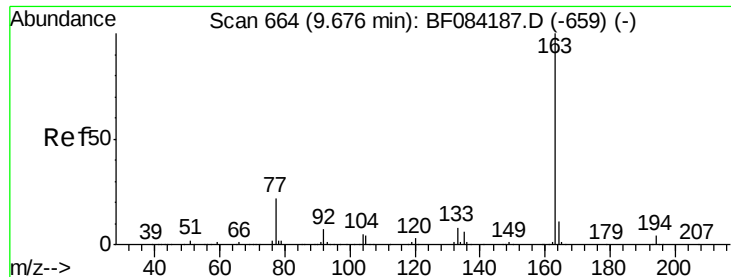
#44
 2-Fluorobiphenyl
 Concen: 104.50 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084267.D
 Acq: 5 Jan 2016 5:59

Tgt Ion:172 Resp: 2878388
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.9 43.3
 170 25.9 18.6 27.8



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: 2.97 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

Instrument :

BNA_F

ClientSampleId :

W-39

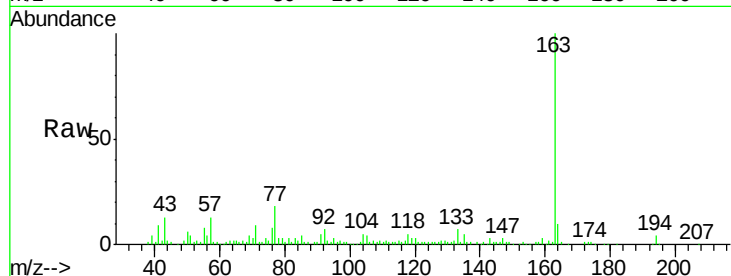
Tgt Ion:163 Resp: 104349

Ion Ratio Lower Upper

163 100

194 4.1 8.0 12.0#

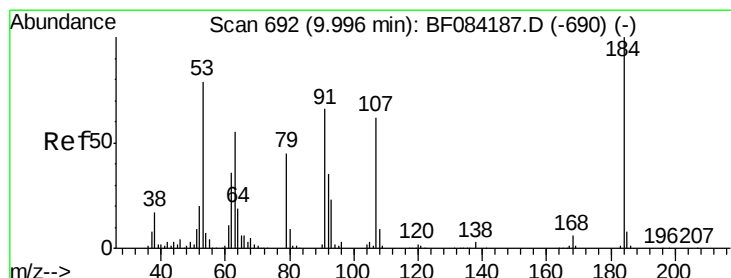
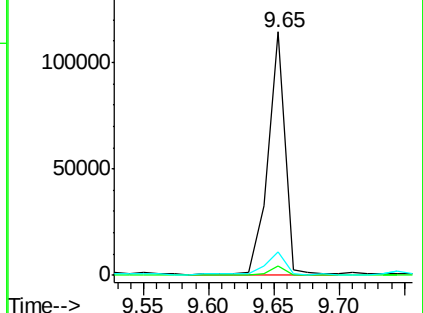
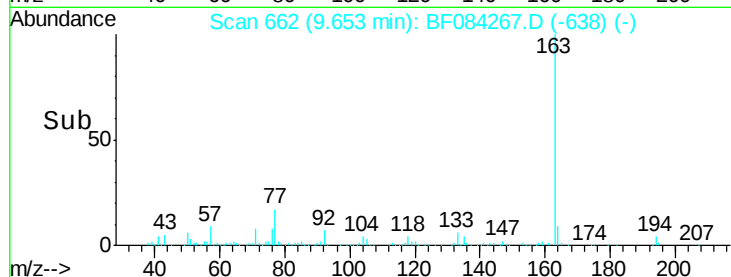
164 9.6 8.0 12.0



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



#53

2,4-Dinitrophenol

Concen: 3.62 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.08 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

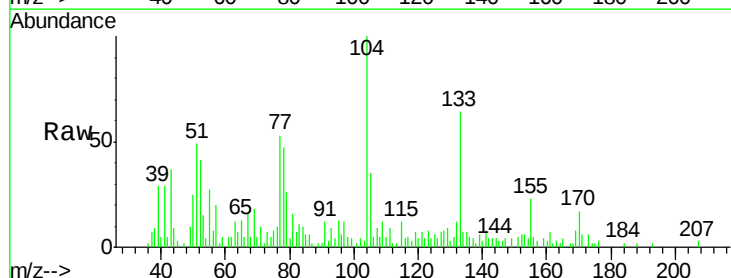
Tgt Ion:184 Resp: 232

Ion Ratio Lower Upper

184 100

63 617.5 43.1 64.7#

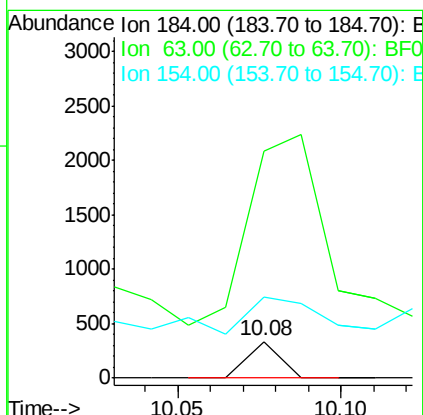
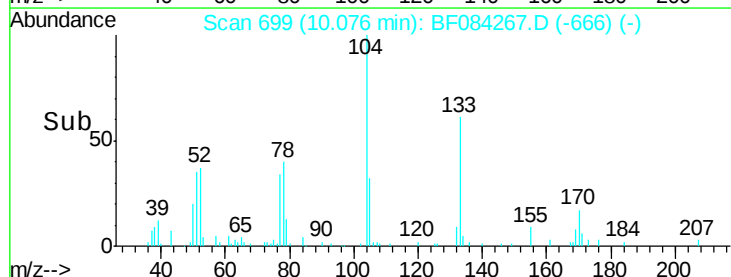
154 221.6 60.5 90.7#

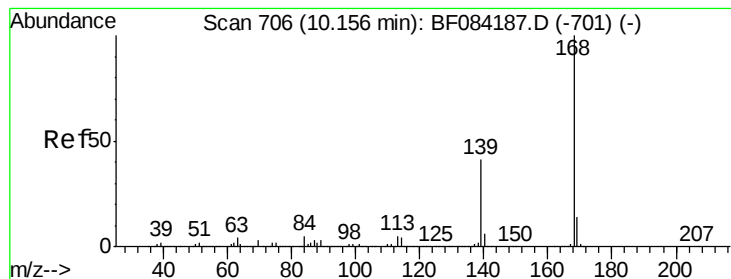


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: Below Cal

RT: 10.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

Instrument :

BNA_F

ClientSampleId :

W-39

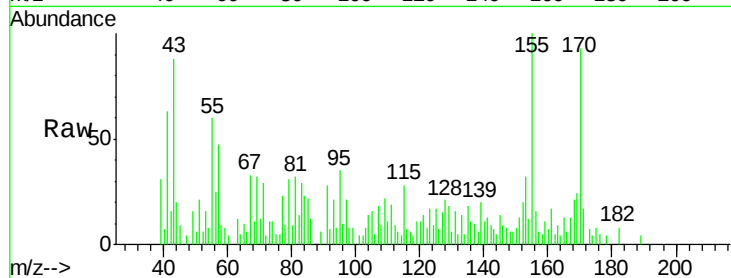
Tgt Ion:168 Resp: 2380

Ion Ratio Lower Upper

168 100

139 92.5 30.5 45.7#

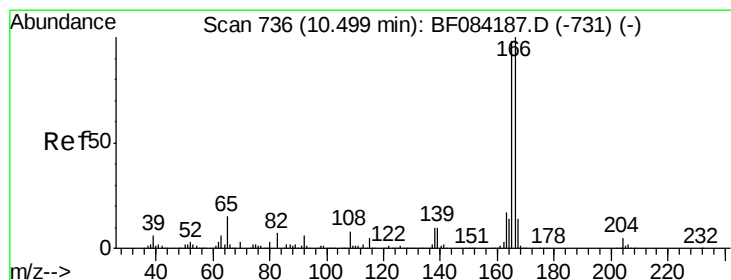
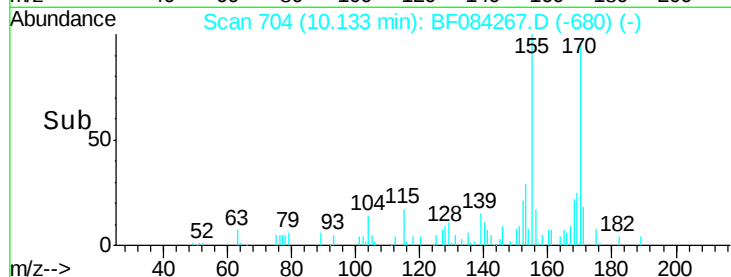
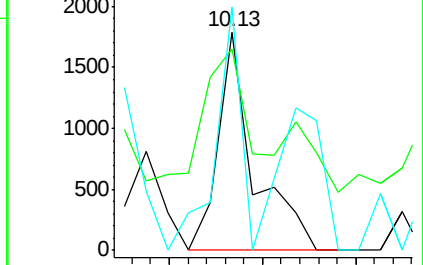
169 111.5 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: Below Cal

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

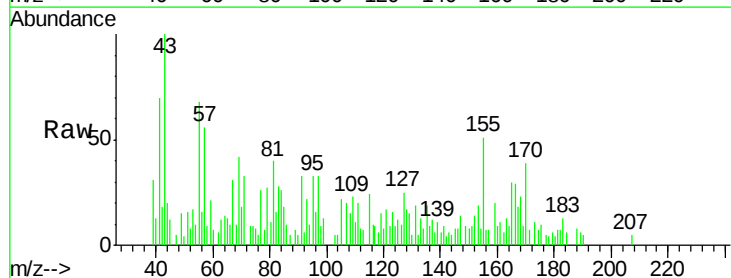
Tgt Ion:166 Resp: 2646

Ion Ratio Lower Upper

166 100

165 103.0 79.1 118.7

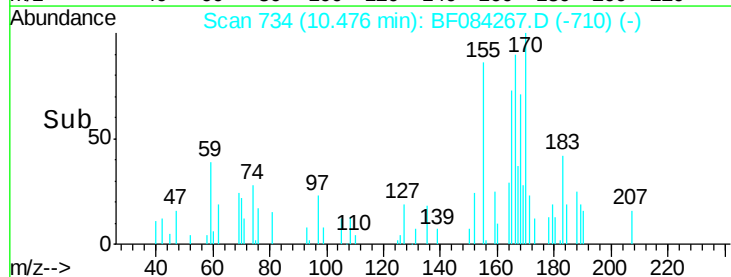
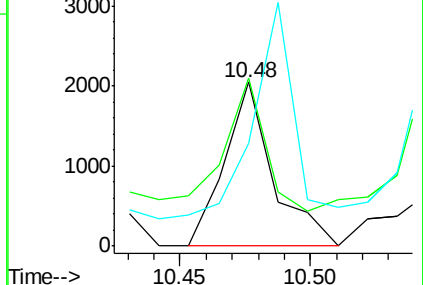
167 62.9 10.4 15.6#

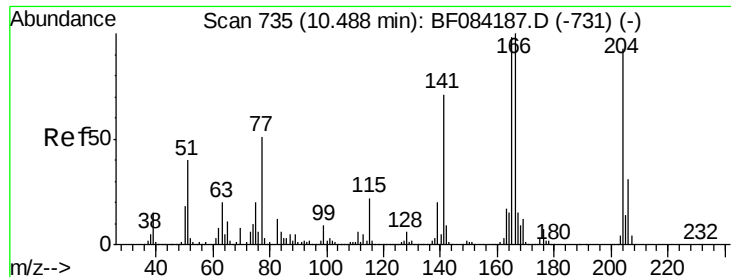


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

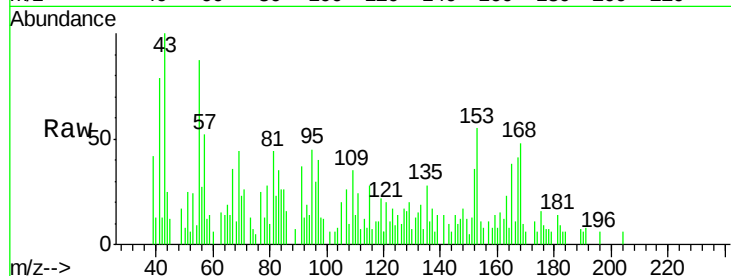




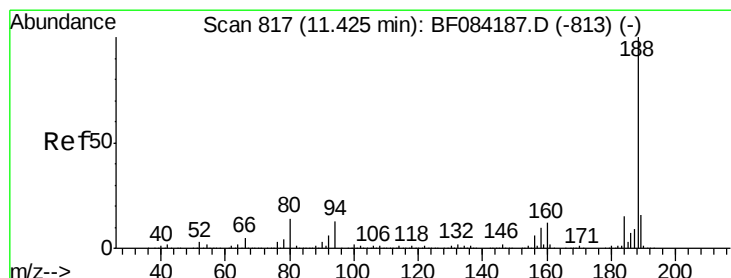
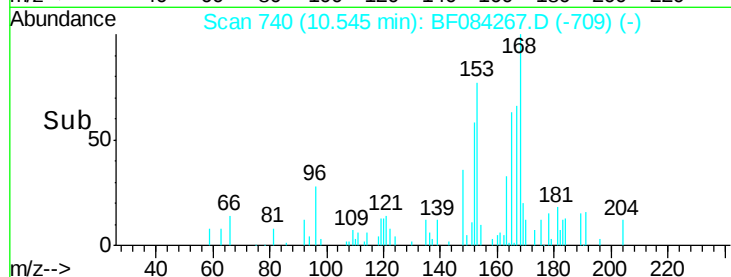
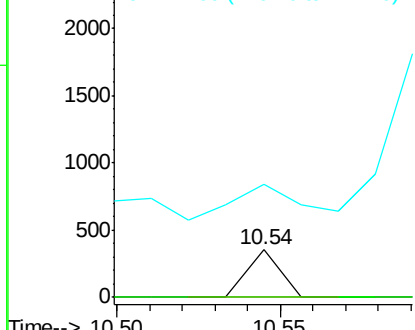
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.54 min Scan# 740
Delta R.T. 0.06 min
Lab File: BF084267.D
Acq: 5 Jan 2016 5:59

Instrument :
BNA_F
ClientSampled :
W-39

Tgt Ion: 204 Resp: 242
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 239.1 55.1 82.7#

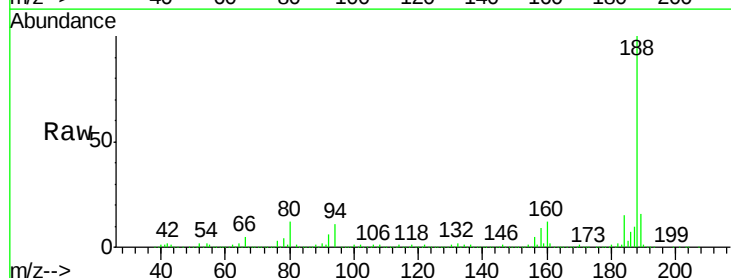


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

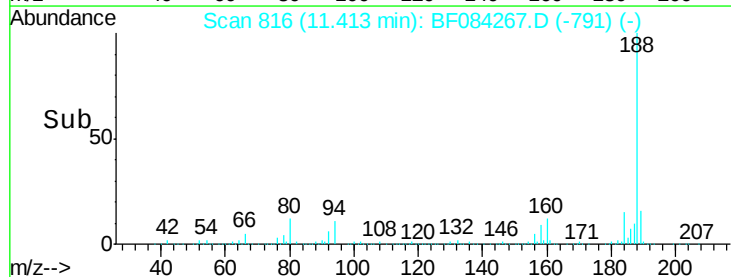
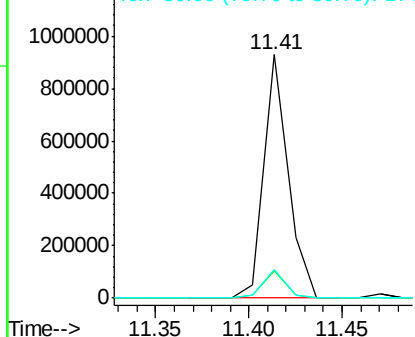


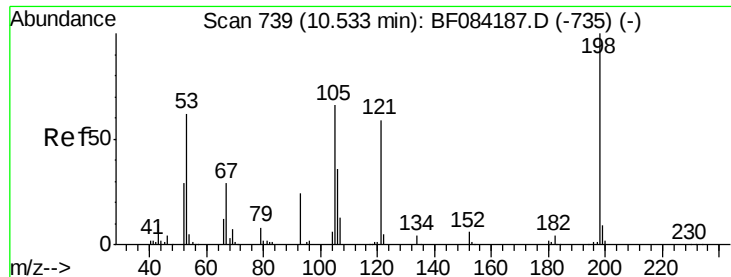
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084267.D
Acq: 5 Jan 2016 5:59

Tgt Ion: 188 Resp: 833120
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 11.8 9.6 14.4



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

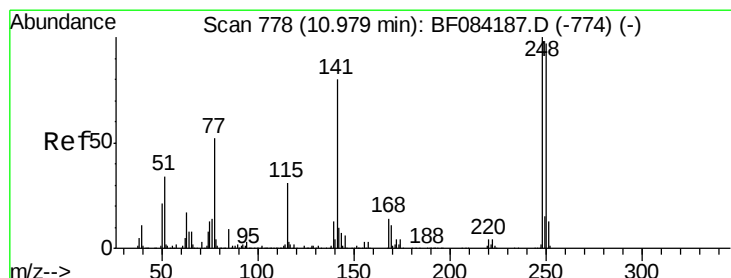
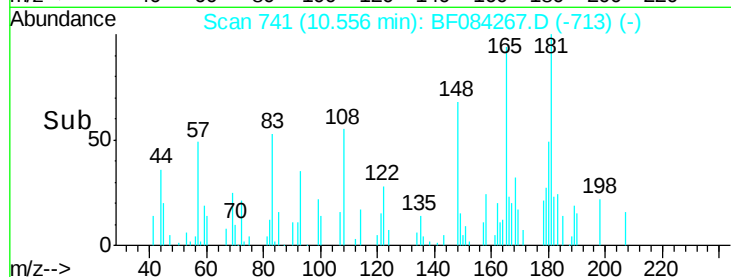
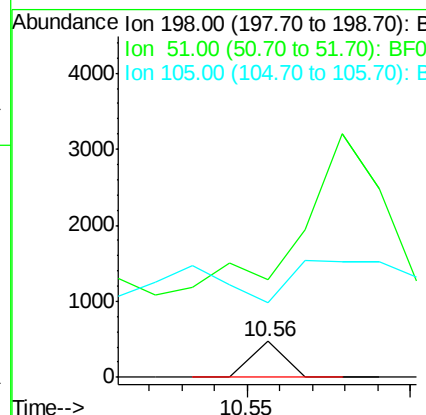
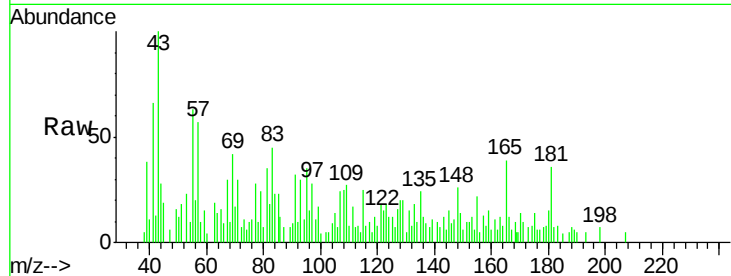




#64
4,6-Dinitro-2-methylphenol
Concen: 6.47 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.02 min
Lab File: BF084267.D
Acq: 5 Jan 2016 5:59

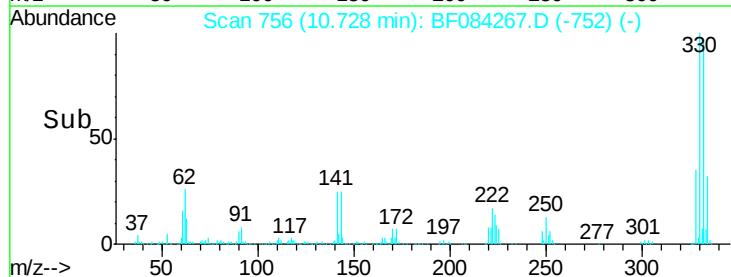
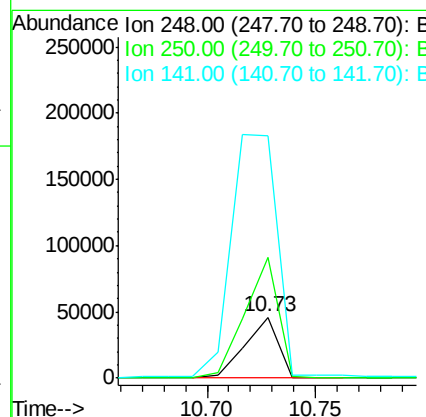
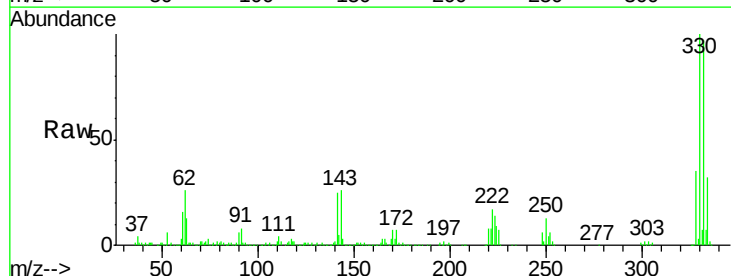
Instrument :
BNA_F
ClientSampled :
W-39

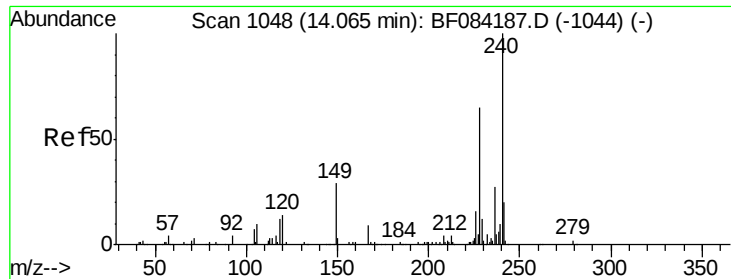
Tgt Ion:198 Resp: 323
Ion Ratio Lower Upper
198 100
51 271.8 18.9 58.9#
105 209.6 26.4 66.4#



#66
4-Bromophenyl-phenylether
Concen: 5.46 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084267.D
Acq: 5 Jan 2016 5:59

Tgt Ion:248 Resp: 48920
Ion Ratio Lower Upper
248 100
250 198.7 78.4 117.6#
141 398.1 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

Instrument :

BNA_F

ClientSampleId :

W-39

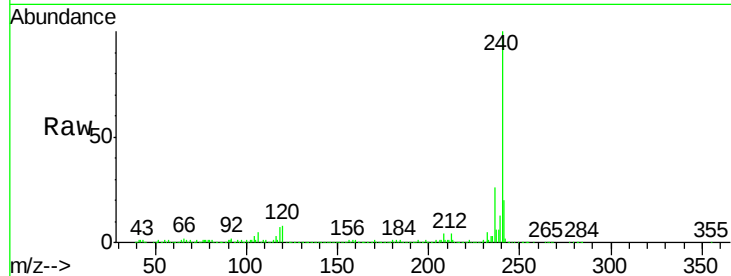
Tgt Ion:240 Resp: 570704

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

236 25.9 20.6 31.0



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

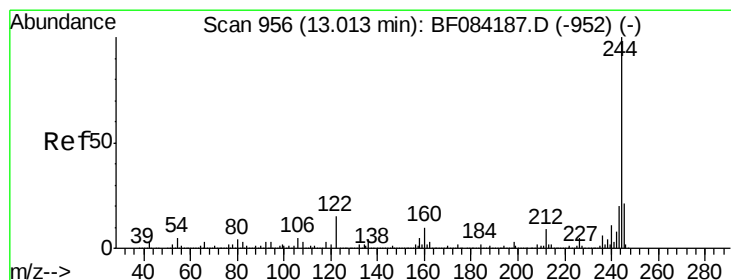
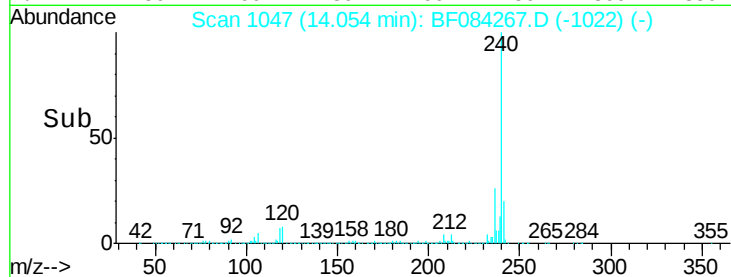
600000 14.05

400000

200000

0

Time-->



#78

Terphenyl-d14

Concen: 69.79 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

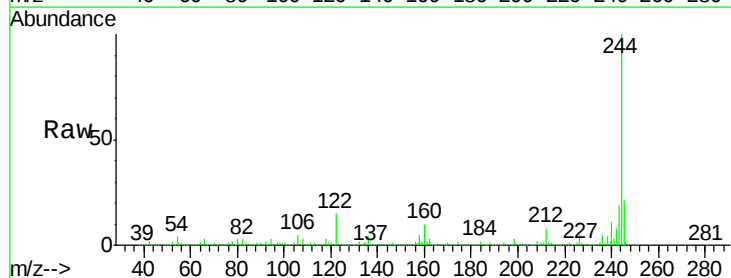
Tgt Ion:244 Resp: 1784301

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

122 14.8 7.4 11.0#



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

2000000 13.00

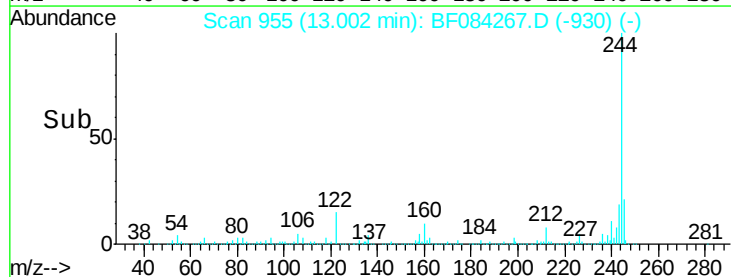
1500000

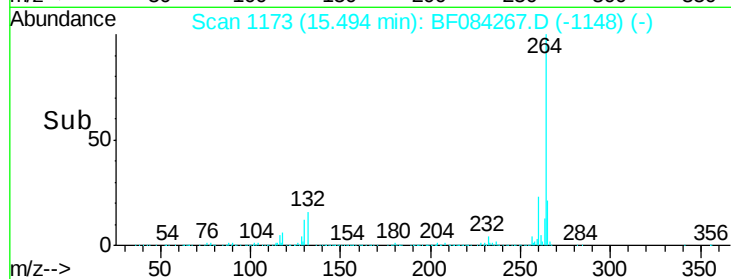
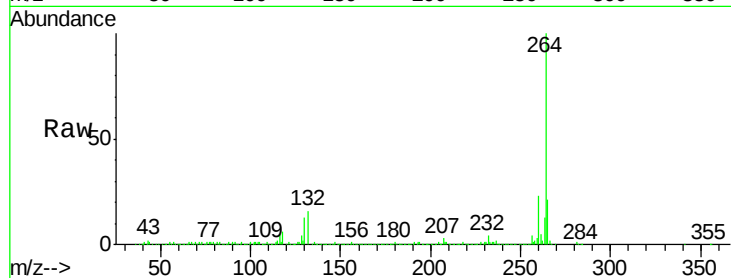
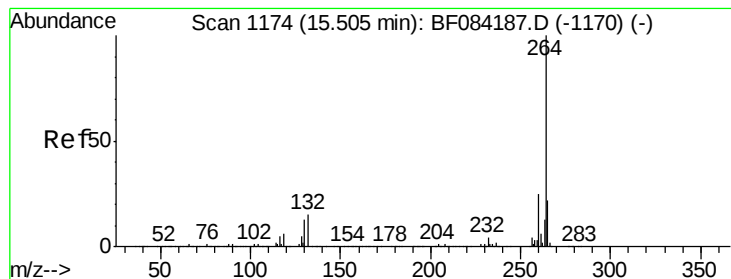
1000000

500000

0

Time-->





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084267.D

Acq: 5 Jan 2016 5:59

Instrument :

BNA_F

ClientSampleId :

W-39

Tgt Ion: 264 Resp: 553650

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.1 17.8 26.6

