

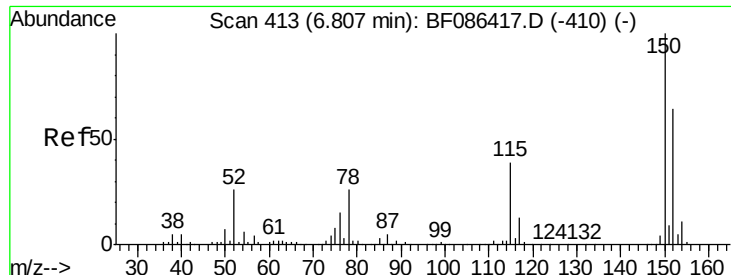
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086482.D
 Acq On : 29 Apr 2016 00:17
 Operator : UM/SJ
 Sample : H2654-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Quant Time: Apr 29 08:56:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	145412	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	615329	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	252963	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	402415	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	308826	20.00	ng	-0.02
86) Perylene-d12	15.35	264	288723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1018771	120.85	ng	0.00
7) Phenol-d6	6.43	99	1229595	104.50	ng	-0.01
23) Nitrobenzene-d5	7.36	82	873745	76.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	226205	84.80	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1168275	79.73	ng	-0.02
78) Terphenyl-d14	12.89	244	706514	50.40	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.94	79	15023	2.02	ng	# 40
19) n-Nitroso-di-n-propylamine	7.36	70	118167	15.19	ng	# 78
25) Isophorone	7.36	82	618846	28.17	ng	# 68
49) Dimethylphthalate	9.55	163	278698	14.63	ng	# 99
56) 2,4-Dinitrotoluene	9.82	165	31729	6.33	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	13575	3.27	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086482.D

Acq: 29 Apr 2016 00:17

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-16(6-12FTBGS)

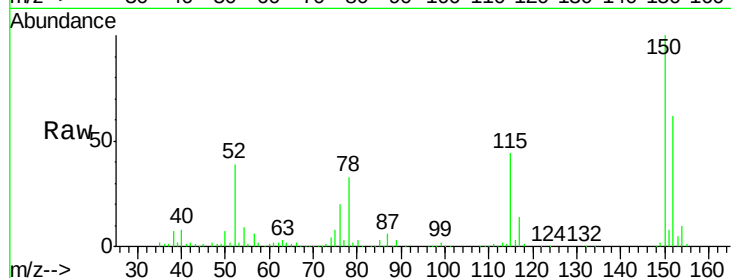
Tot Ion:152 Resp: 145412

Ion Ratio Lower Upper

152 100

150 160.9 125.8 188.6

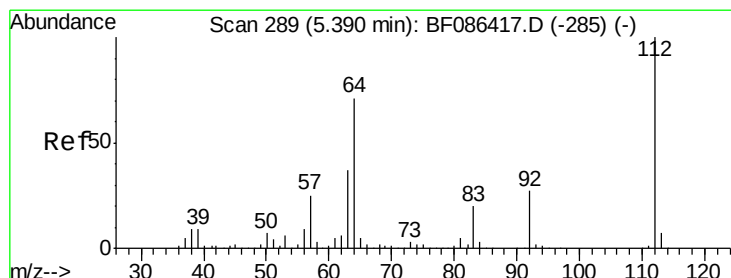
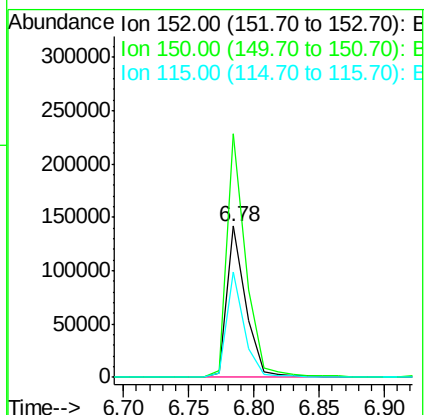
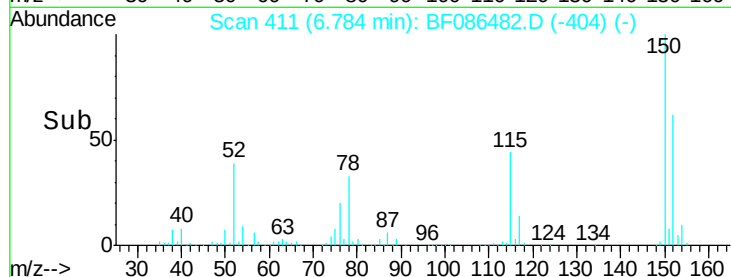
115 70.0 51.5 77.3



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: 120.85 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086482.D

Acq: 29 Apr 2016 00:17

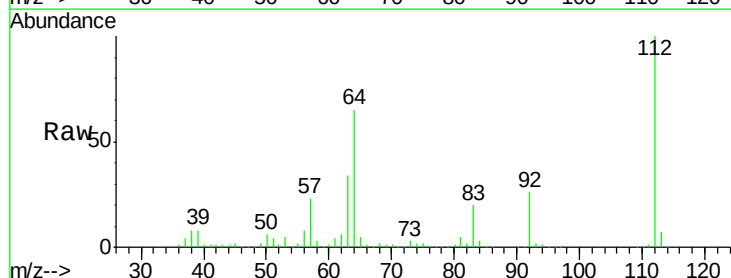
Tgt Ion:112 Resp: 1018771

Ion Ratio Lower Upper

112 100

64 65.0 52.1 78.1

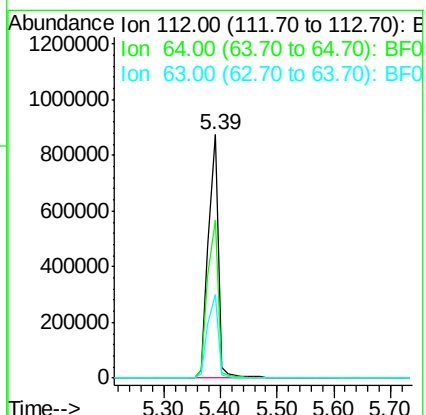
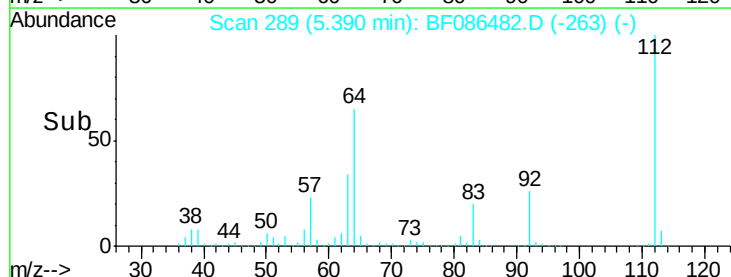
63 34.4 25.7 38.5

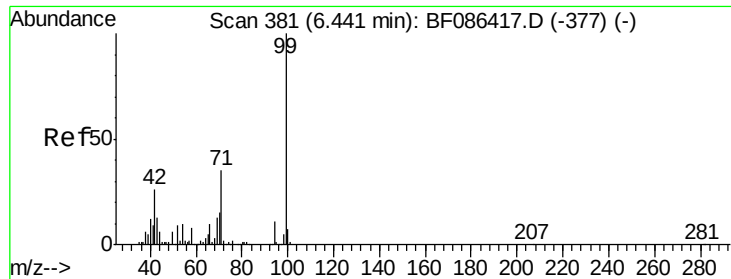


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086482.D

Acq: 29 Apr 2016 00:17

Instrument :

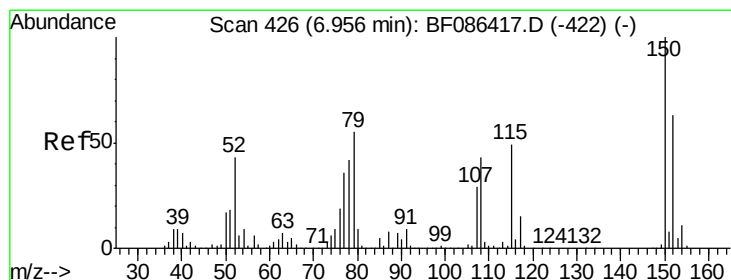
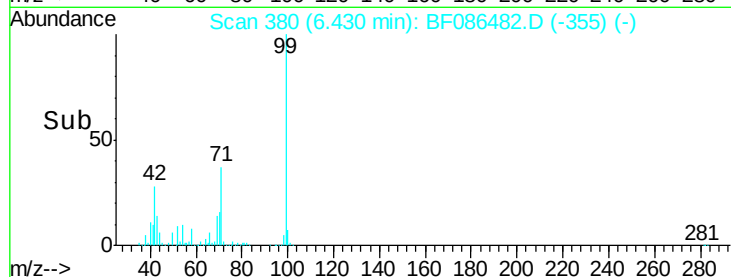
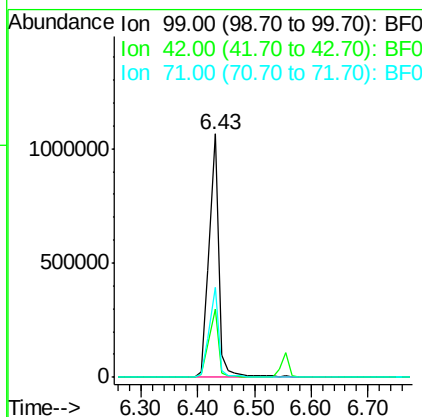
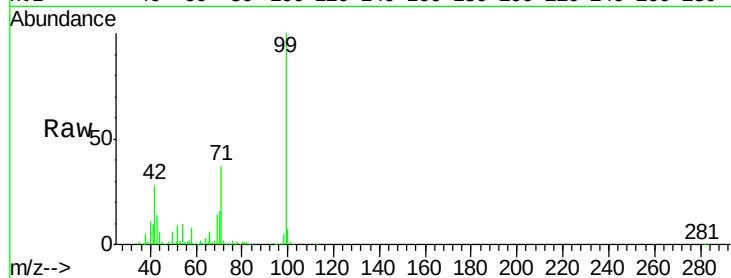
BNA_F

ClientSampleId :

26WARD-2A-CS-16(6-12FTBGS)

Tot Ion: 99 Resp: 1229595

Ion	Ratio	Lower	Upper
99	100		
42	28.0	13.6	20.4#
71	36.8	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.94 min Scan# 425

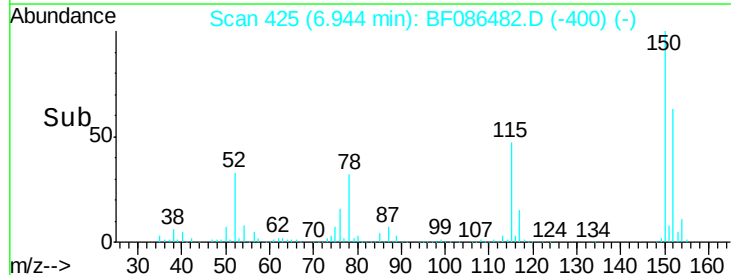
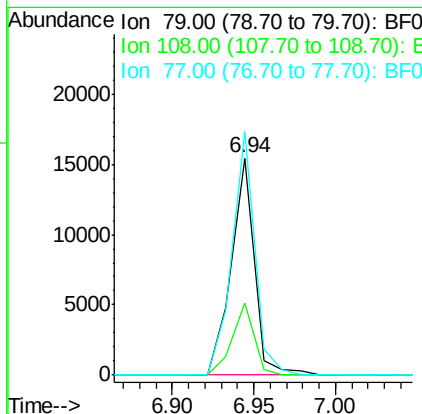
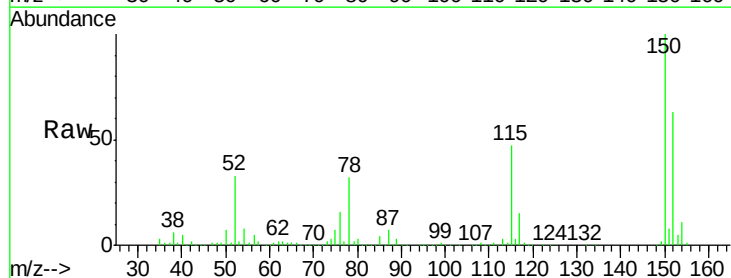
Delta R.T. -0.01 min

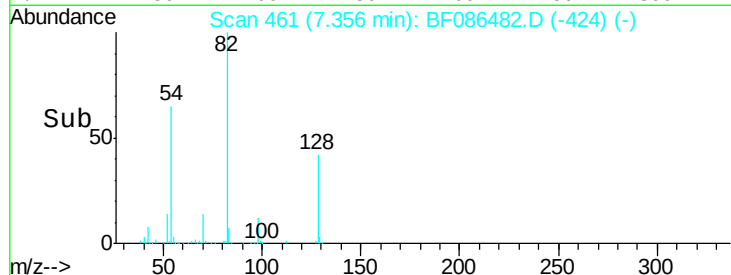
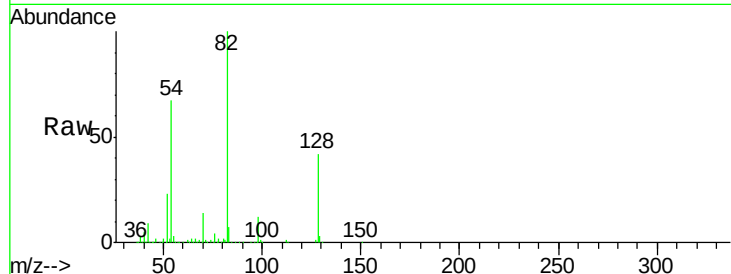
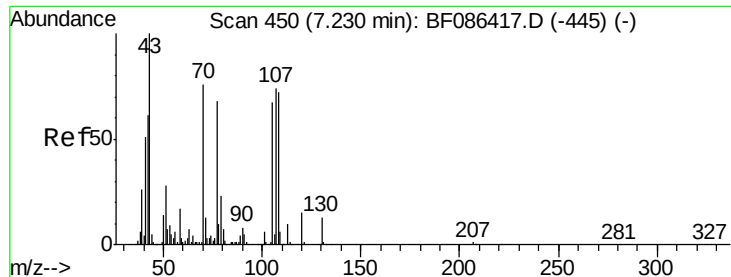
Lab File: BF086482.D

Acq: 29 Apr 2016 00:17

Tgt Ion: 79 Resp: 15023

Ion	Ratio	Lower	Upper
79	100		
108	33.1	68.4	102.6#
77	112.3	50.6	76.0#

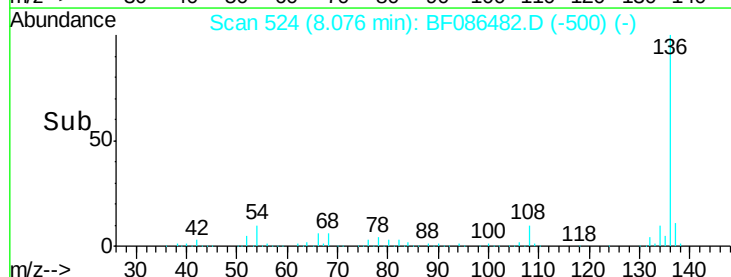
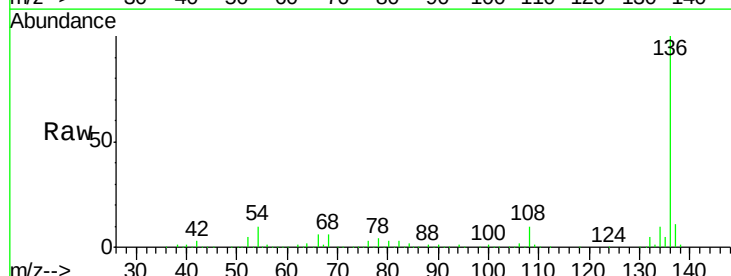
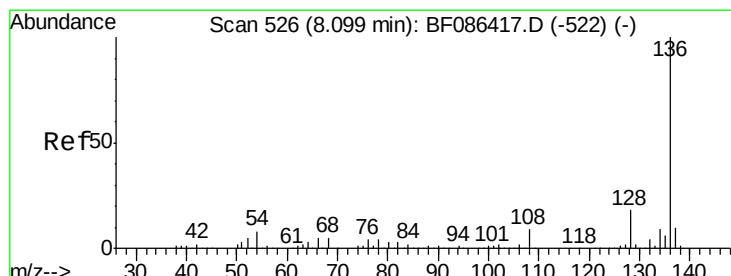
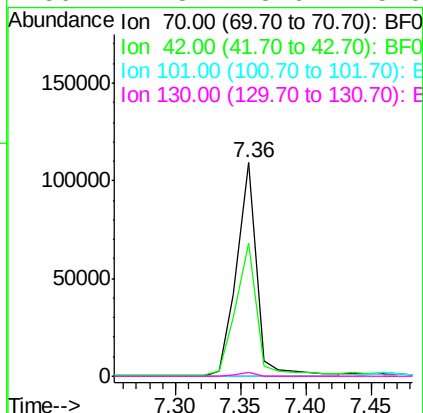




#19
n-Nitroso-di-n-propylamine
Concen: 15.19 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.13 min
Lab File: BF086482.D
Acq: 29 Apr 2016 00:17

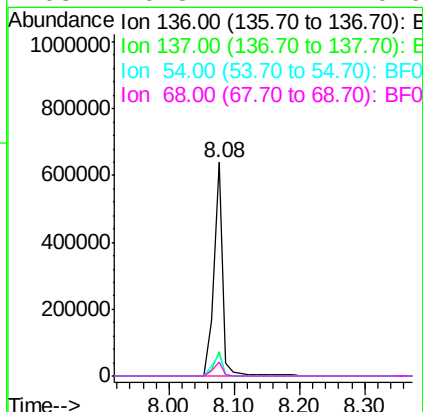
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-16(6-12FTBGS)

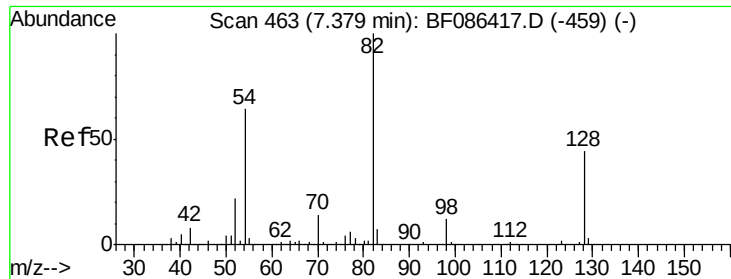
Tot Ion: 70 Resp: 118167
Ion Ratio Lower Upper
70 100
42 62.1 43.1 64.7
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086482.D
Acq: 29 Apr 2016 00:17

Tgt Ion:136 Resp: 615329
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 5.0 7.4#
68 6.3 4.4 6.6

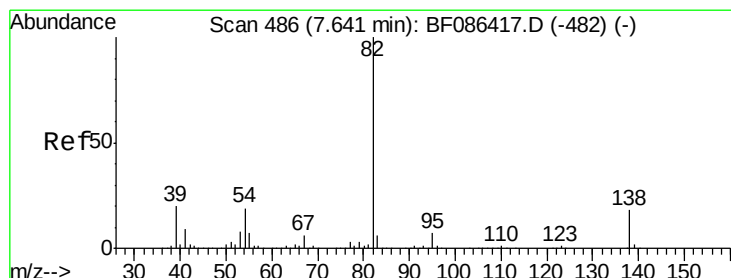
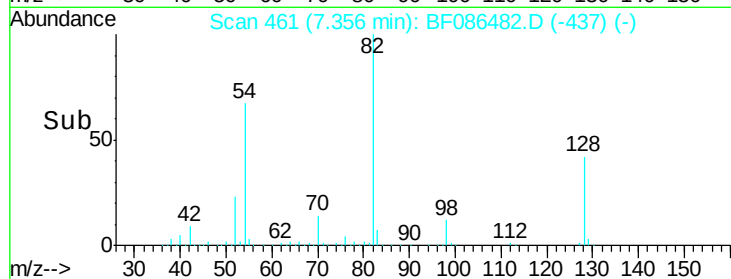
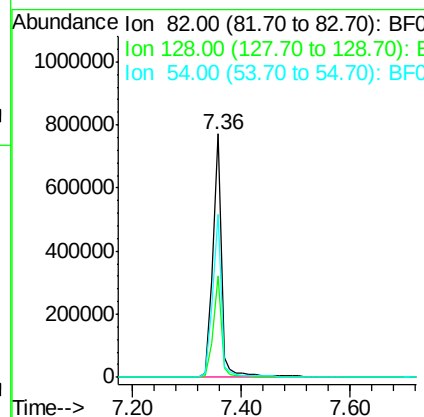
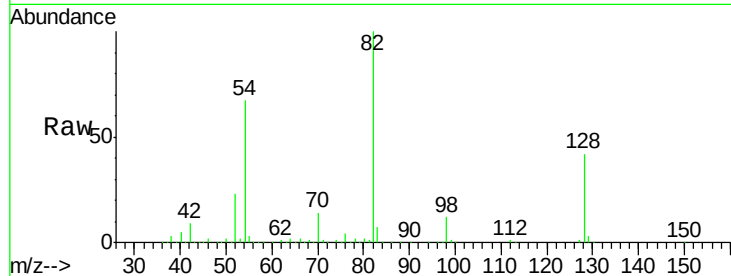




#23
 Nitrobenzene-d5
 Concen: 76.54 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

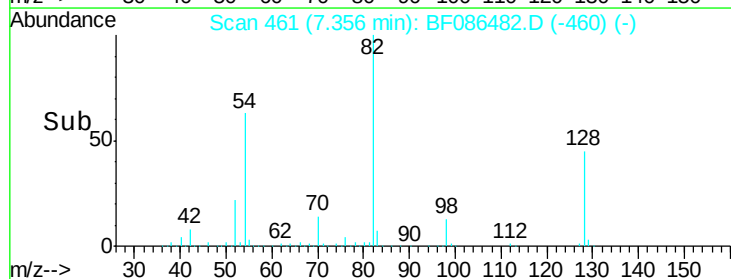
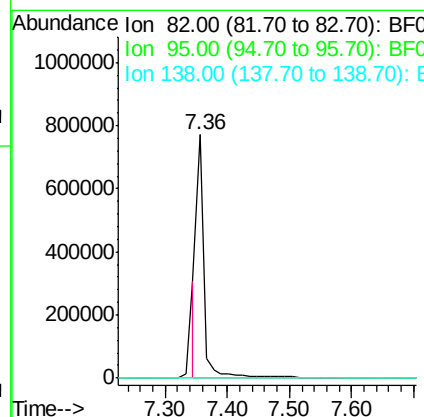
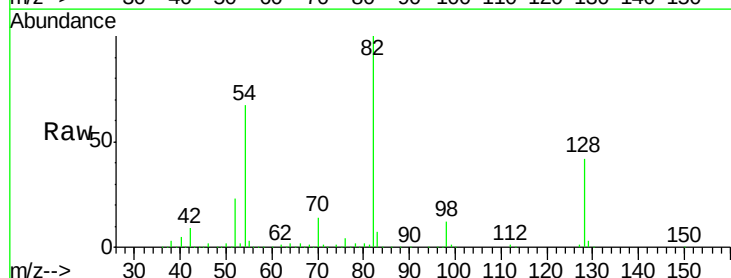
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

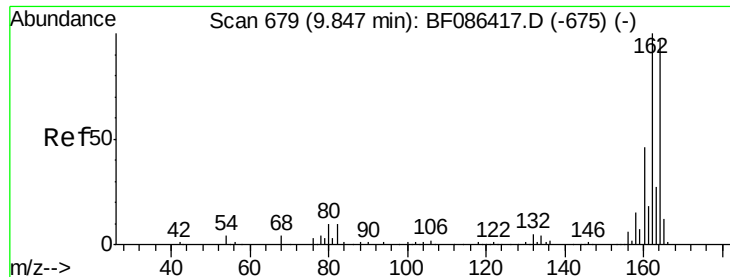
Tot Ion: 82 Resp: 873745
 Ion Ratio Lower Upper
 82 100
 128 41.6 40.6 61.0
 54 66.7 38.1 57.1#



#25
 Isophorone
 Concen: 28.17 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.29 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Tgt Ion: 82 Resp: 618846
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

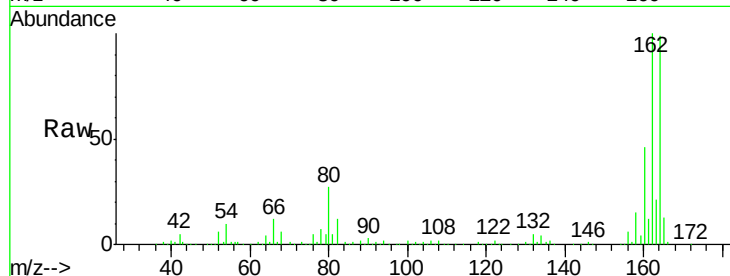




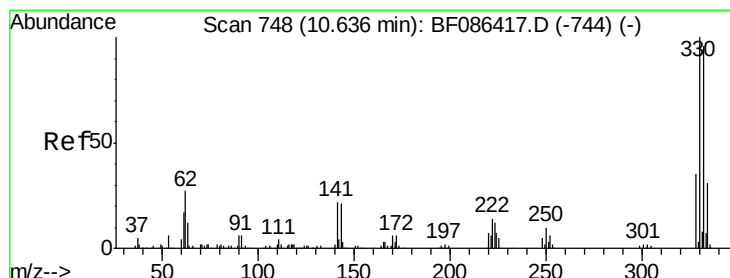
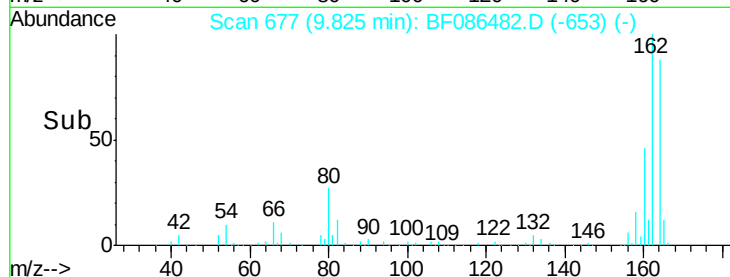
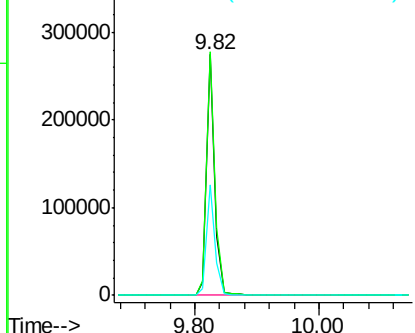
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.8	124.2
160	46.2	36.9	55.3

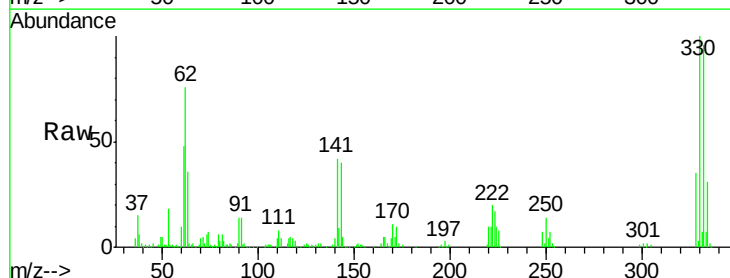


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

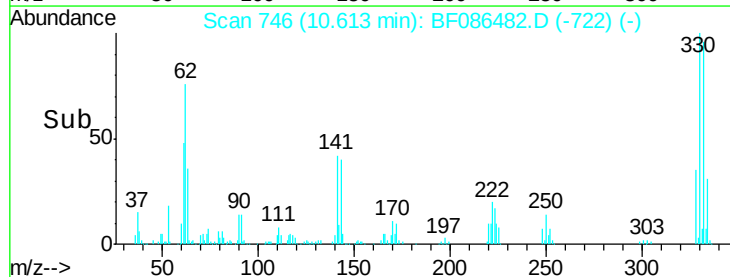
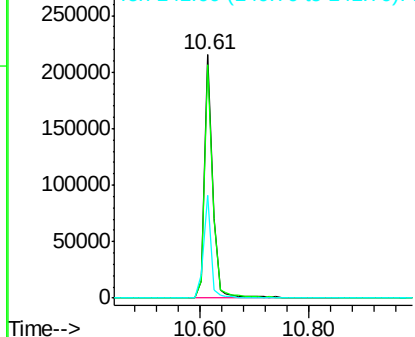


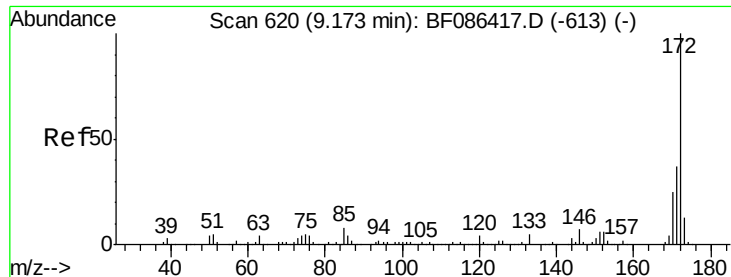
#41
 2,4,6-Tribromophenol
 Concen: 84.80 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	38.9	31.2	46.8



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

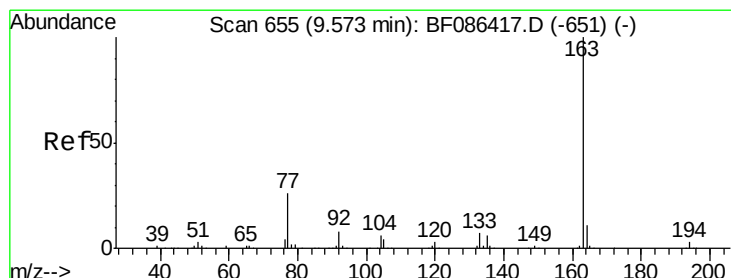
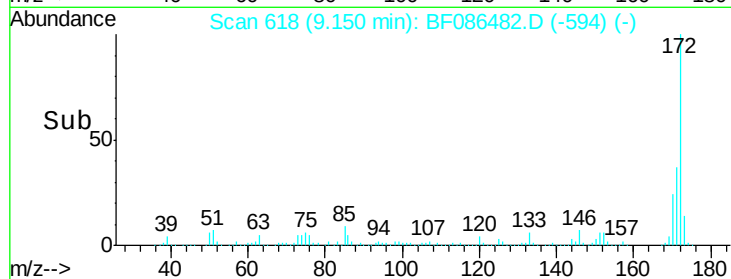
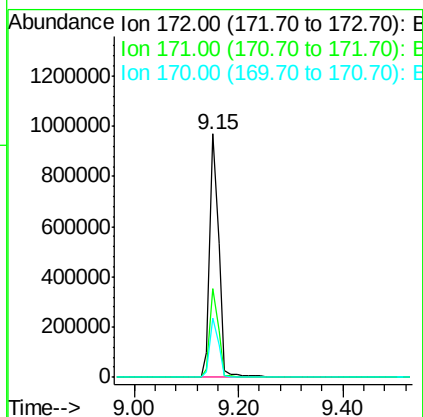
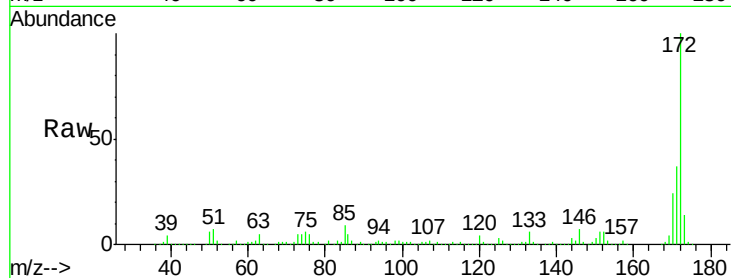




#44
 2-Fluorobiphenyl
 Concen: 79.73 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

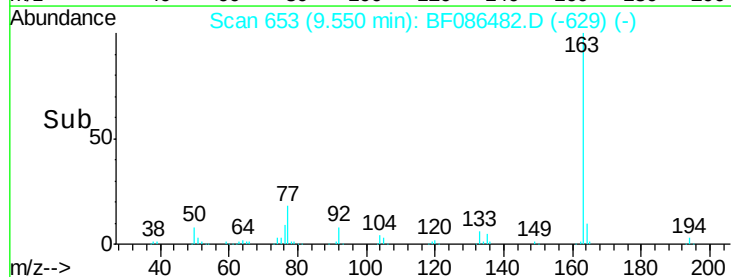
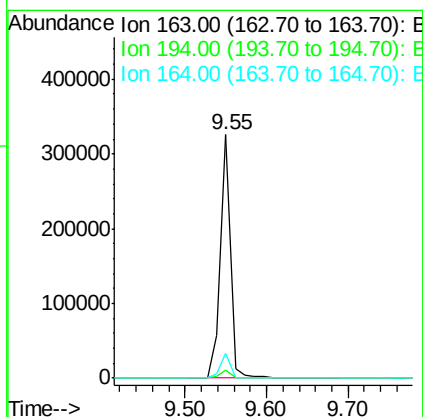
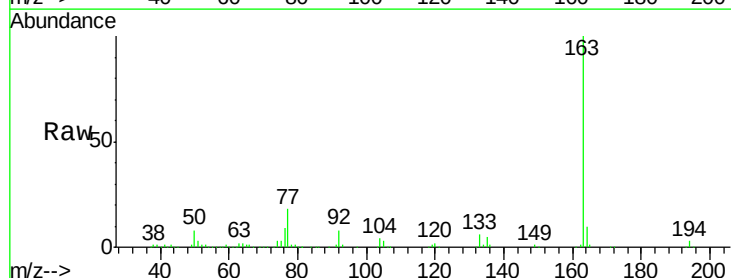
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

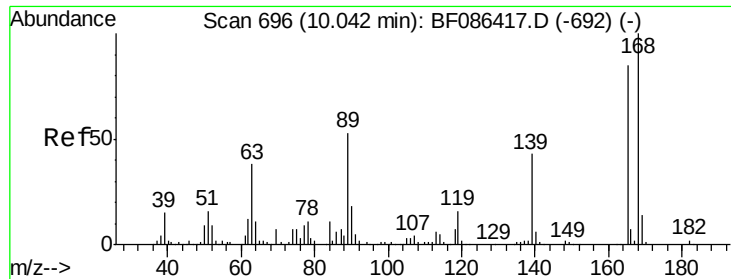
Tot Ion:172 Resp: 1168275
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 14.63 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Tgt Ion:163 Resp: 278698
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.1 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.33 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.22 min

Lab File: BF086482.D

Acq: 29 Apr 2016 00:17

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-16(6-12FTBGS)

Tot Ion:165 Resp: 31729

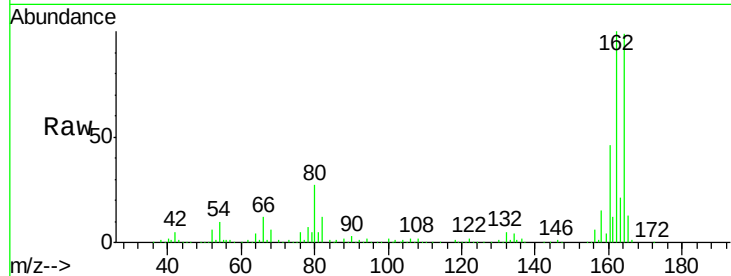
Ion Ratio Lower Upper

165 100

63 1.7 44.3 66.5#

89 1.7 70.0 105.0#

182 0.0 1.8 2.6#

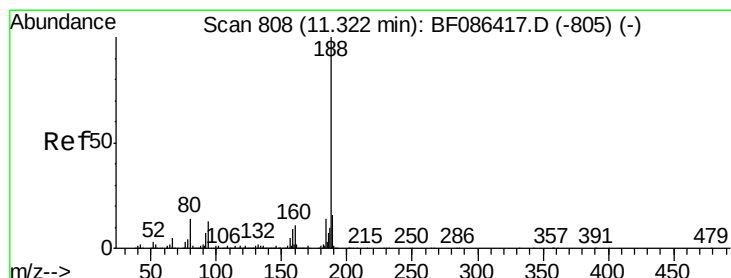
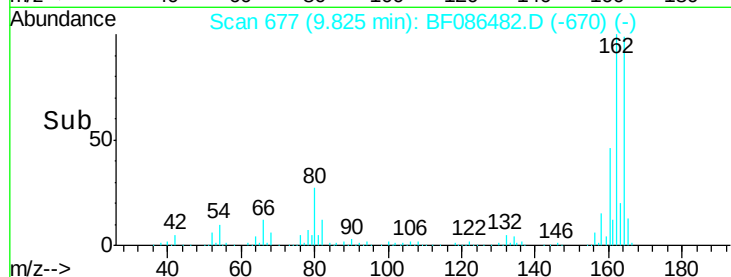
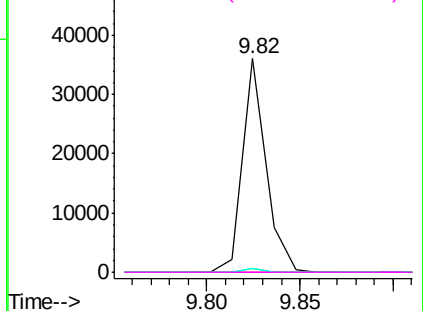


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086482.D

Acq: 29 Apr 2016 00:17

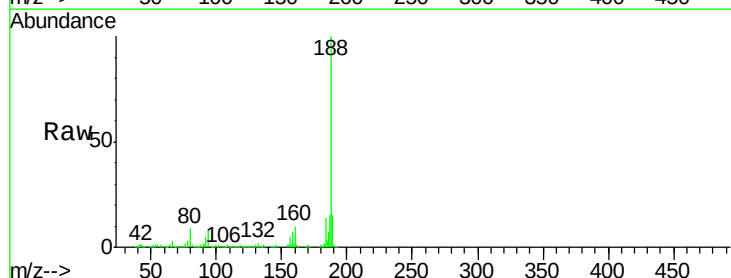
Tgt Ion:188 Resp: 402415

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

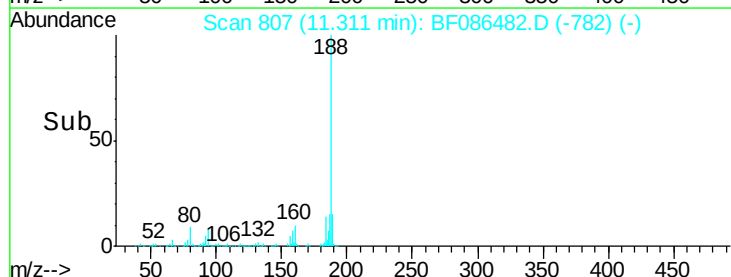
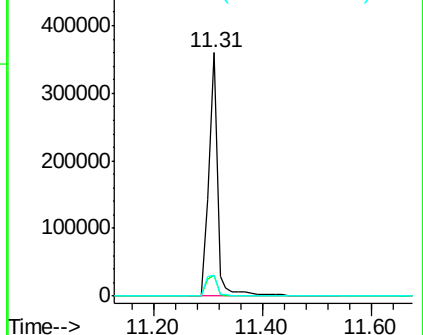
80 8.6 7.1 10.7

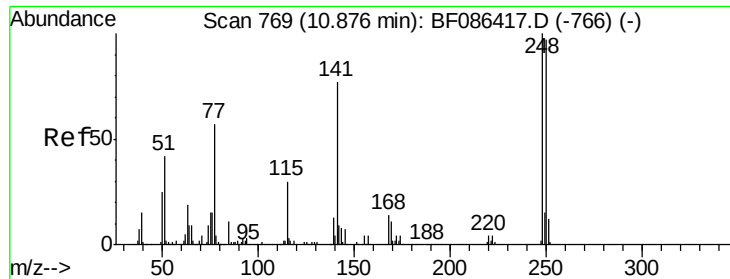


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

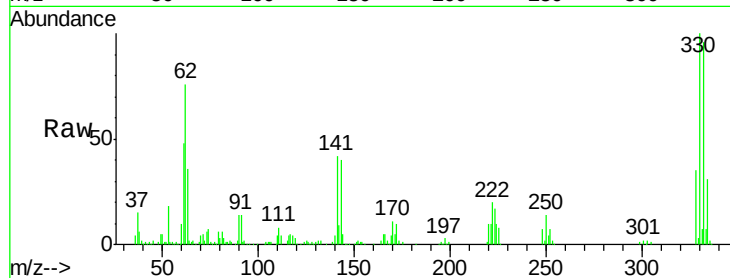




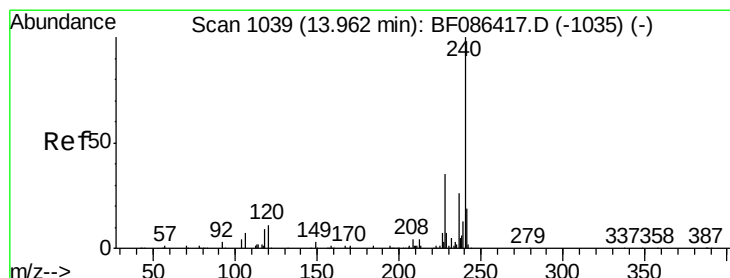
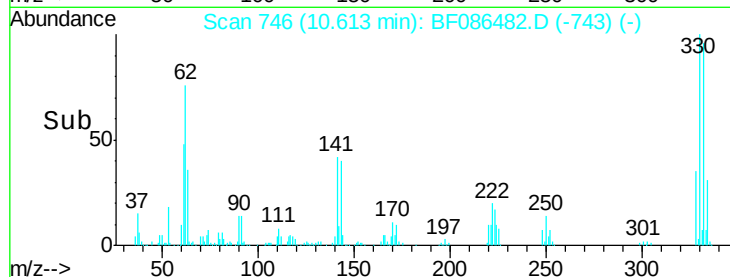
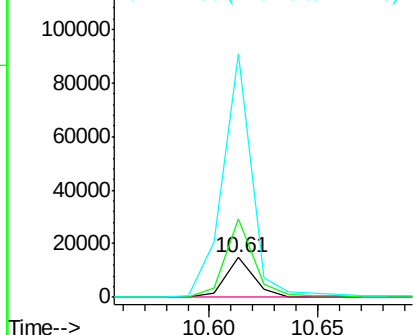
#66
 4-Bromophenyl-phenylether
 Concen: 3.27 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.26 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Tot Ion:248 Resp: 13575
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.6 117.8#
 141 611.4 76.0 114.0#

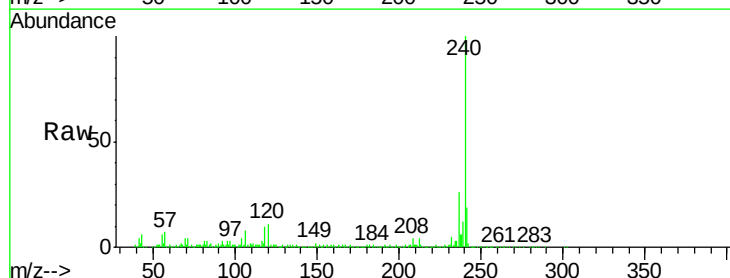


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

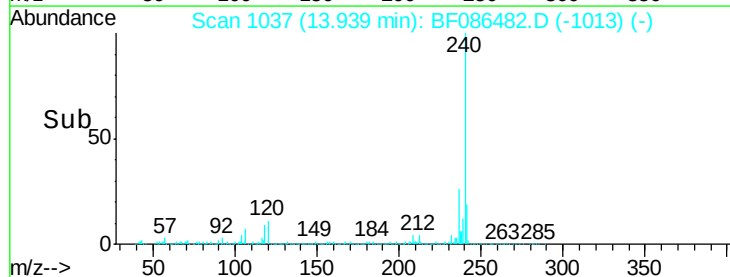
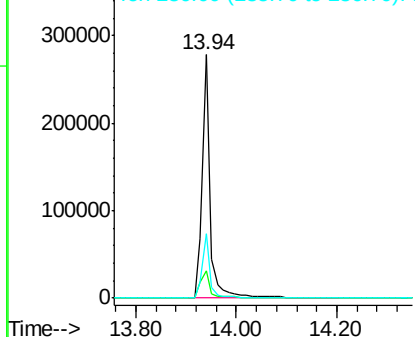


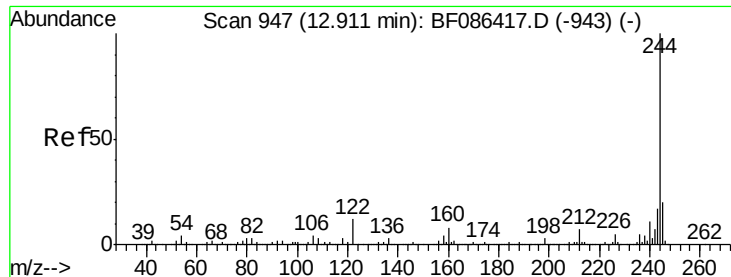
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Tgt Ion:240 Resp: 308826
 Ion Ratio Lower Upper
 240 100
 120 11.4 11.2 16.8
 236 26.2 21.2 31.8



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

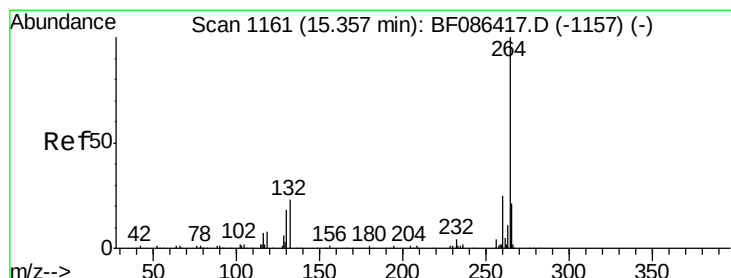
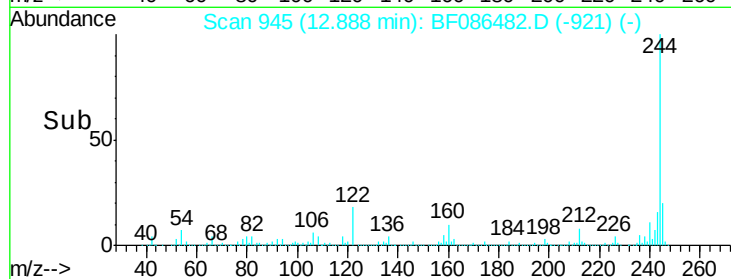
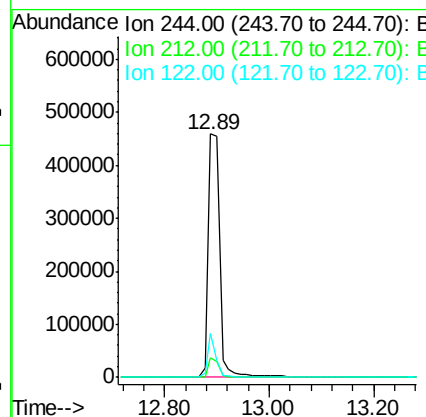
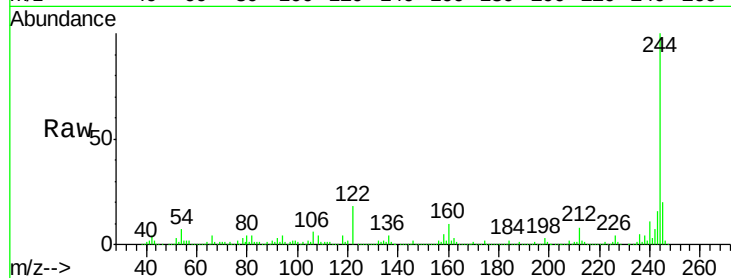




#78
 Terphenyl-d14
 Concen: 50.40 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-16(6-12FTBGS)

Tot Ion:244 Resp: 706514
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 17.9 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF086482.D
 Acq: 29 Apr 2016 00:17

Tgt Ion:264 Resp: 288723
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 17.3 25.9

