

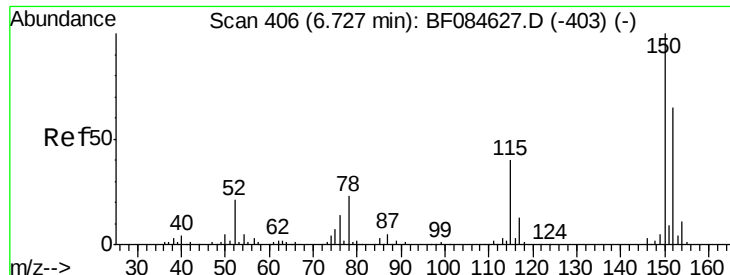
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084672.D
 Acq On : 30 Jan 2016 8:50
 Operator : SJ/IZ
 Sample : H1303-02
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-15

Quant Time: Feb 01 00:22:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	191678	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	792868	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	360936	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	692838	20.00	ng	0.00
75) Chrysene-d12	13.87	240	555629	20.00	ng	0.00
86) Perylene-d12	15.25	264	384313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1680929	132.38	ng	0.02
7) Phenol-d6	6.37	99	1771796	116.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	1310672	92.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	572007	151.21	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2167430	89.26	ng	0.00
78) Terphenyl-d14	12.83	244	1906956	77.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	43384	4.92	ng	82
15) Benzyl Alcohol	6.88	79	20978	2.03	ng	# 47
19) n-Nitroso-di-n-propylamine	7.29	70	180006	19.36	ng	# 71
25) Isophorone	7.29	82	1172055	44.10	ng	# 66
49) Dimethylphthalate	9.48	163	286775	10.59	ng	# 90
66) 4-Bromophenyl-phenylether	10.54	248	34611	4.44	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

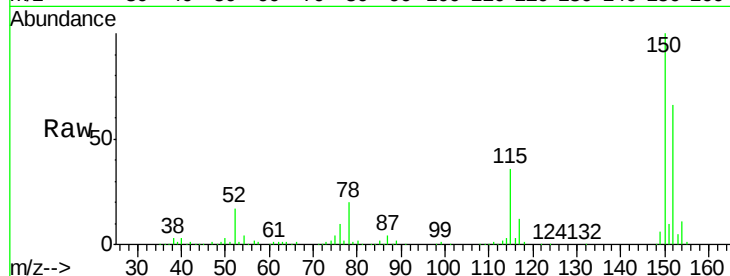
Tgt Ion:152 Resp: 191678

Ion Ratio Lower Upper

152 100

150 152.4 123.0 184.4

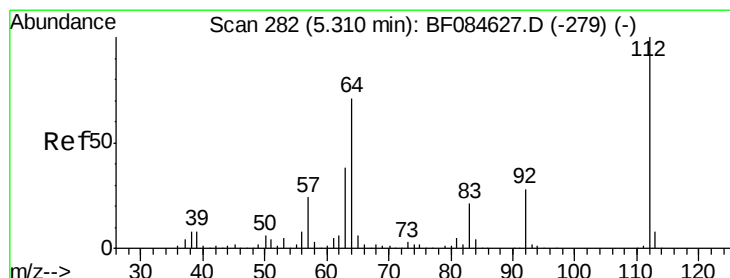
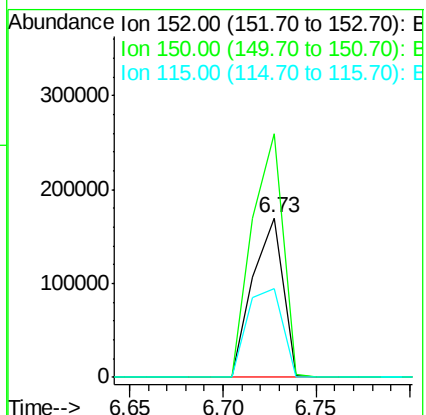
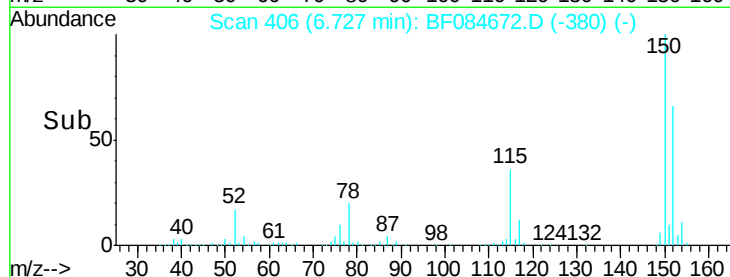
115 55.2 51.4 77.2



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: 132.38 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

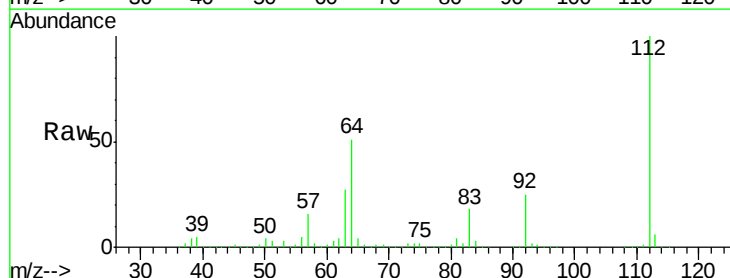
Tgt Ion:112 Resp: 1680929

Ion Ratio Lower Upper

112 100

64 51.5 36.6 55.0

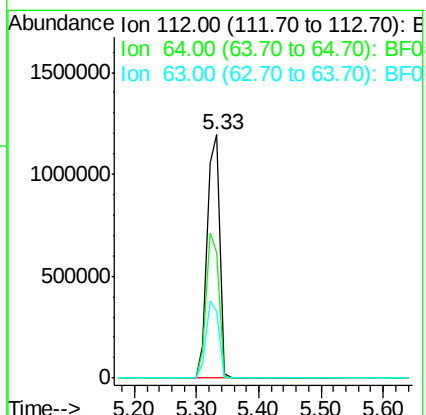
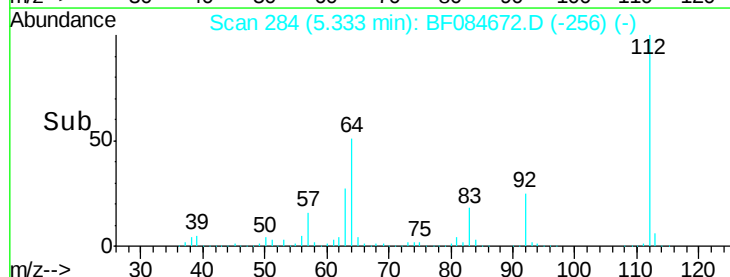
63 27.3 19.4 29.0

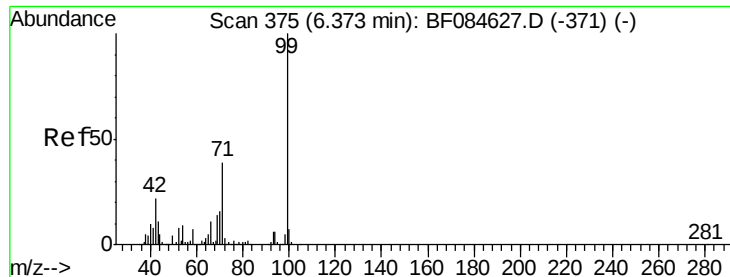


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.42 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

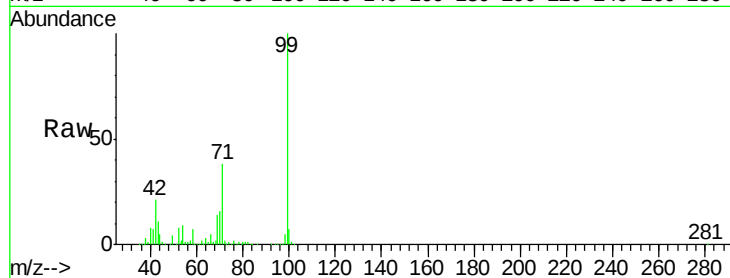
Tgt Ion: 99 Resp: 1771796

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

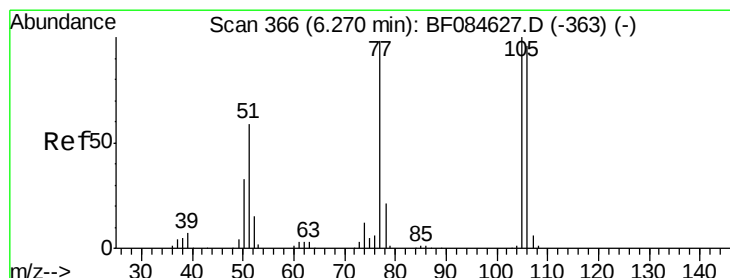
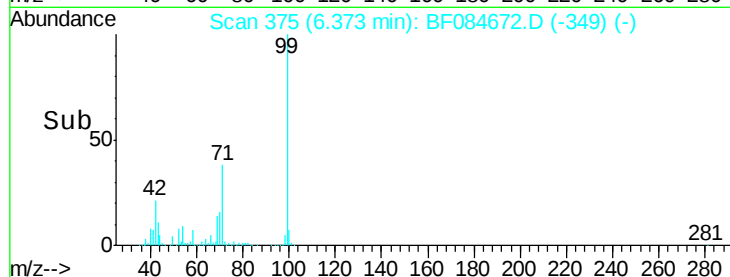
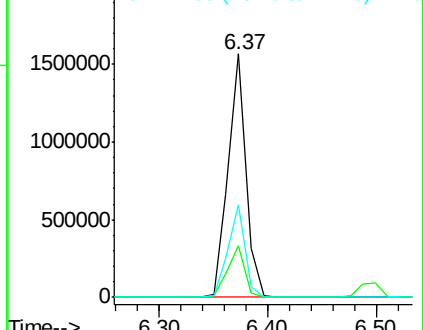
71 38.2 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.92 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

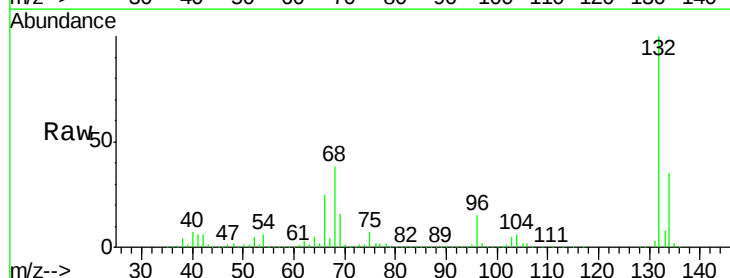
Tgt Ion: 77 Resp: 43384

Ion Ratio Lower Upper

77 100

105 84.8 83.0 123.0

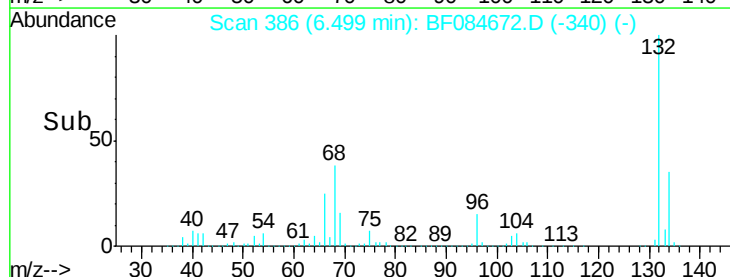
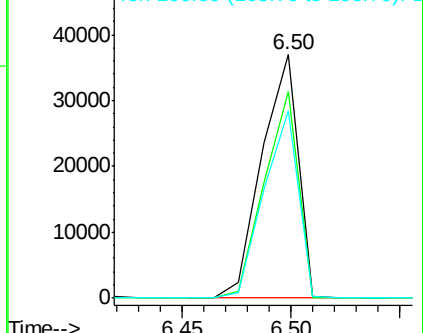
106 76.8 74.6 114.6

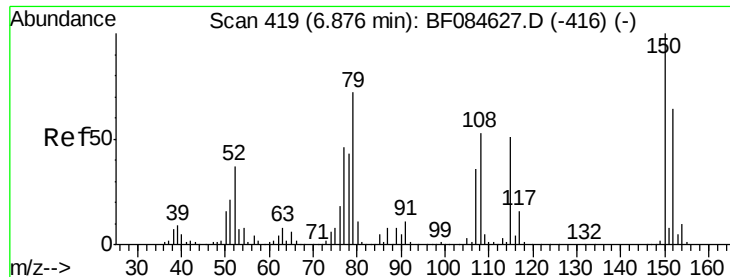


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

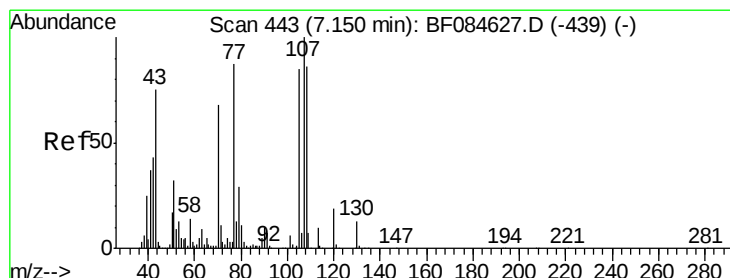
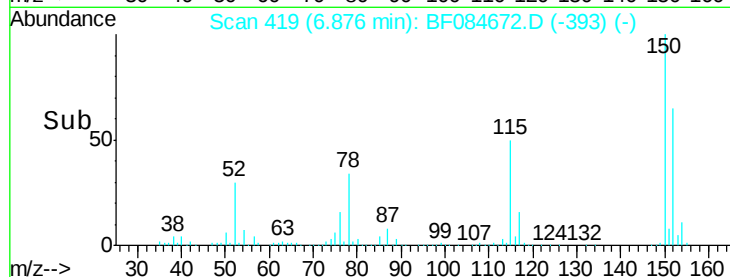
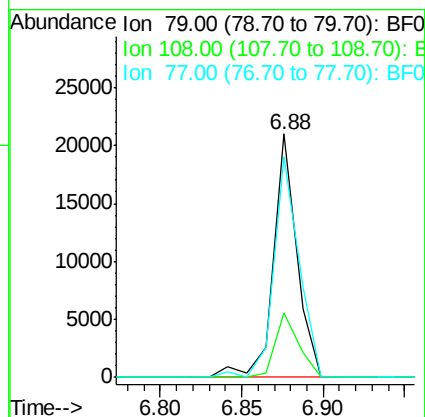
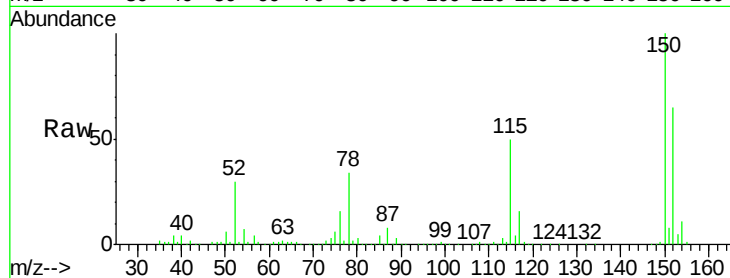
Tgt Ion: 79 Resp: 20978

Ion Ratio Lower Upper

79 100

108 26.5 69.0 103.4#

77 90.5 50.0 75.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.36 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

Tgt Ion: 70 Resp: 180006

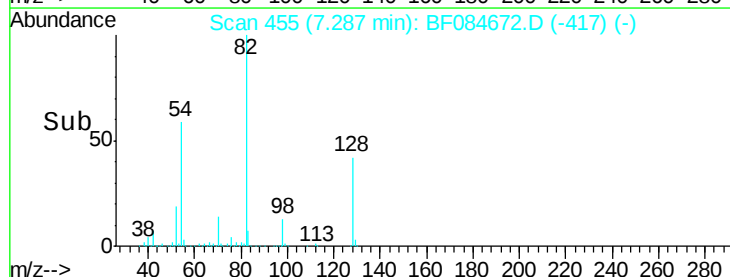
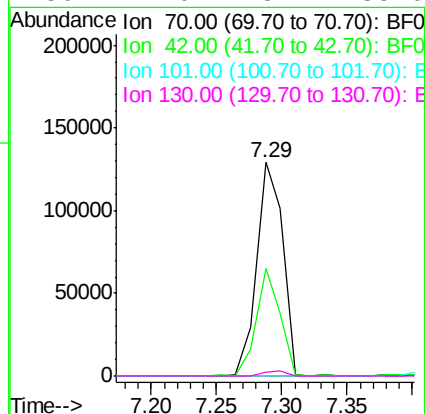
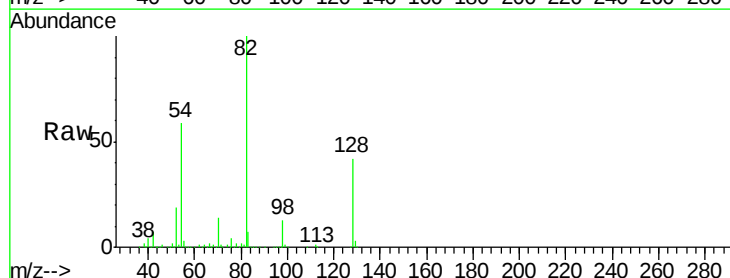
Ion Ratio Lower Upper

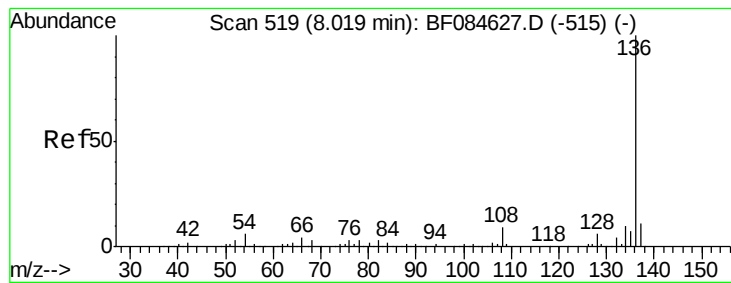
70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

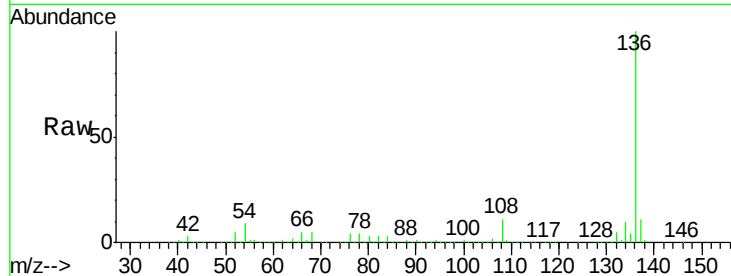




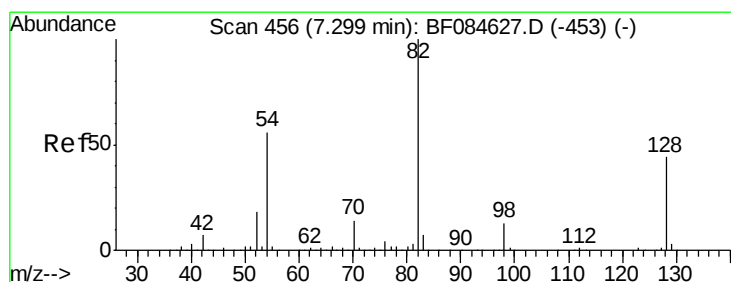
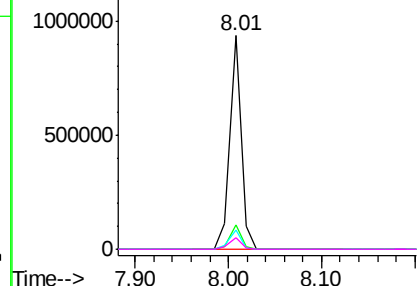
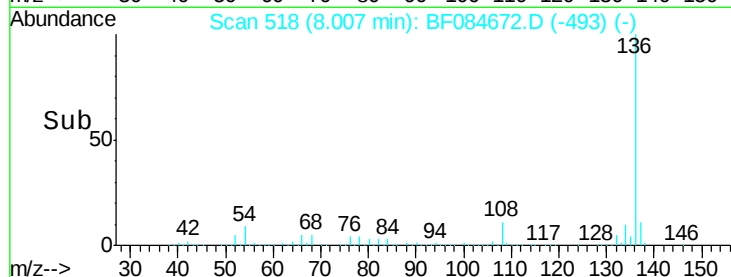
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084672.D
Acq: 30 Jan 2016 8:50

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-15

Tgt Ion:	136	Resp:	792868
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.1	5.8	8.8#
68	5.3	4.2	6.2

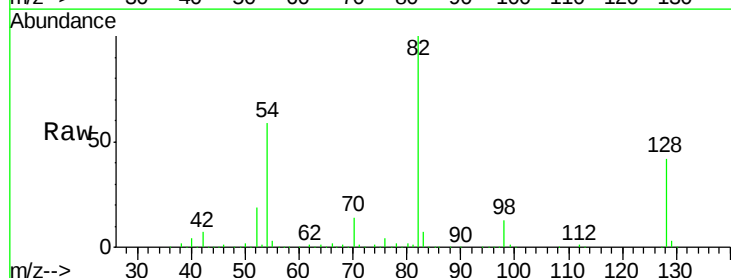


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

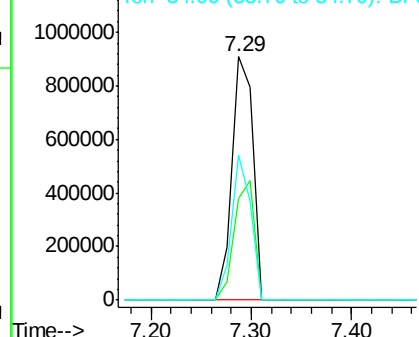
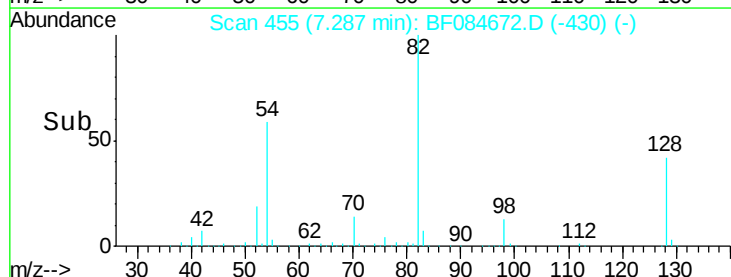


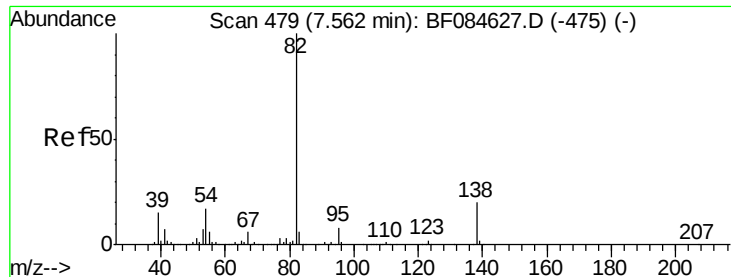
#23
Nitrobenzene-d5
Concen: 92.38 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084672.D
Acq: 30 Jan 2016 8:50

Tgt Ion:	82	Resp:	1310672
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	59.4	38.4	57.6#



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: 44.10 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

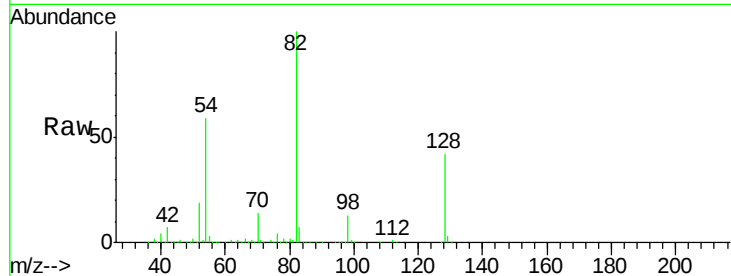
Tgt Ion: 82 Resp: 1172055

Ion Ratio Lower Upper

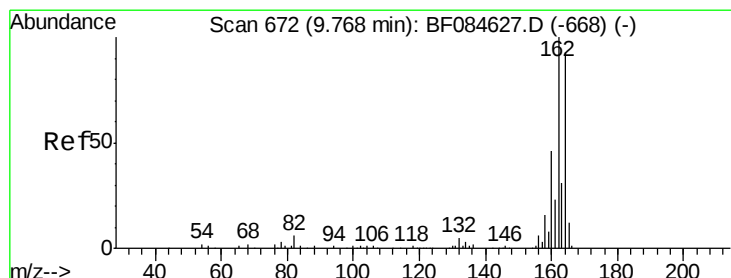
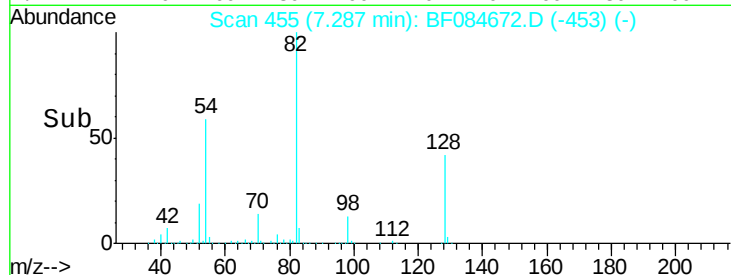
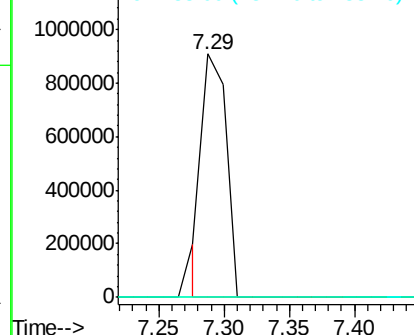
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

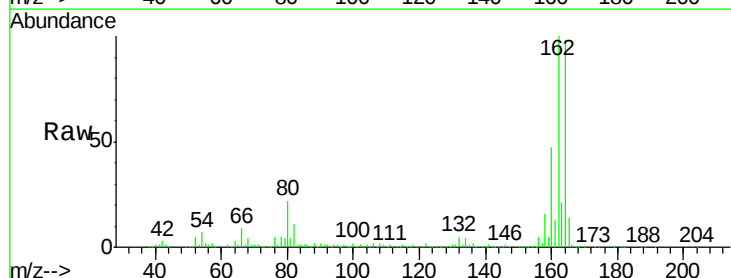
Tgt Ion: 164 Resp: 360936

Ion Ratio Lower Upper

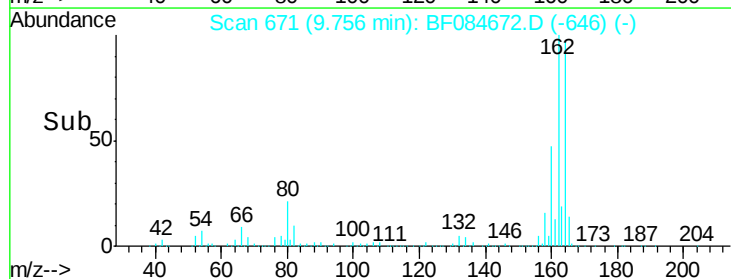
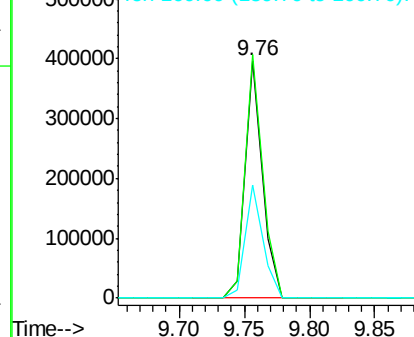
164 100

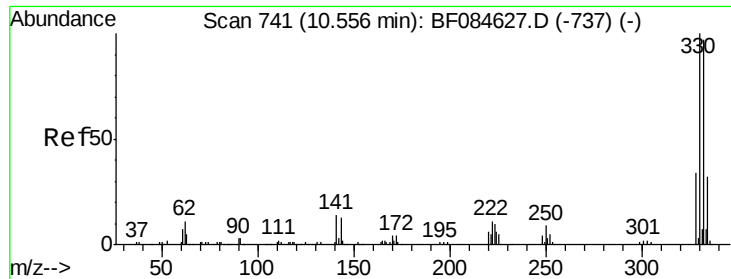
162 102.5 85.1 127.7

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

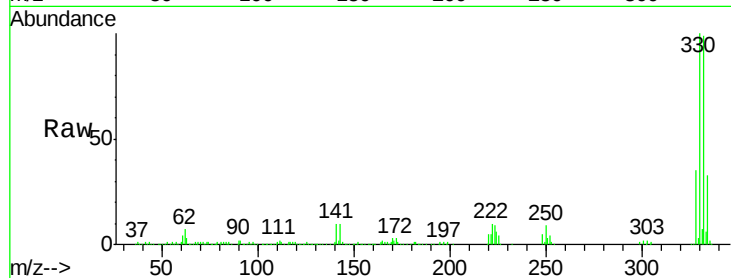




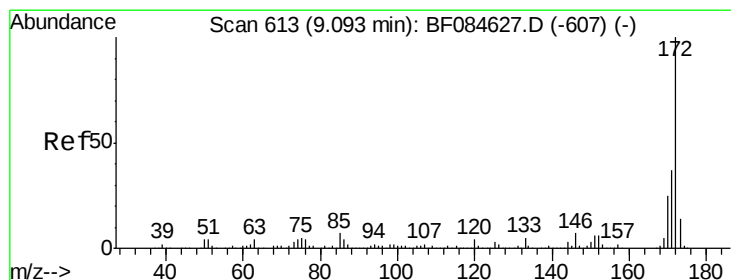
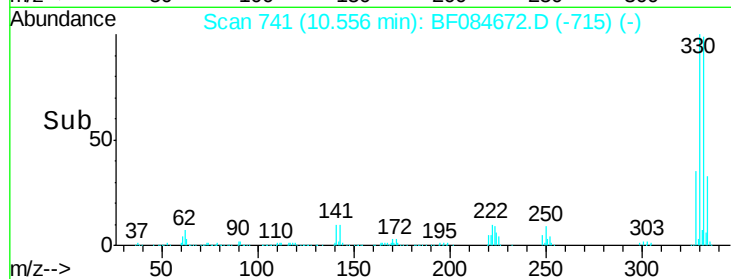
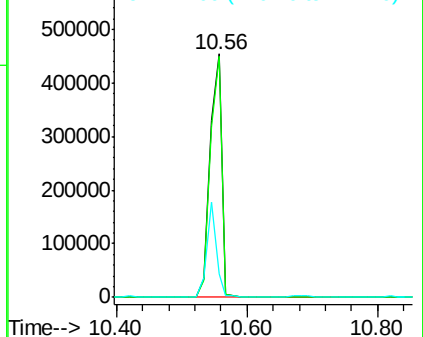
#41
 2,4,6-Tribromophenol
 Concen: 151.21 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084672.D
 Acq: 30 Jan 2016 8:50

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	31.9	27.8	41.6

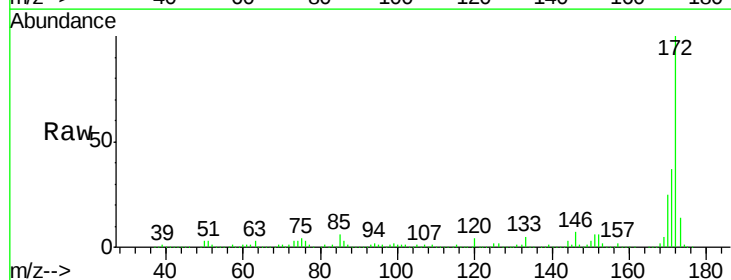


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

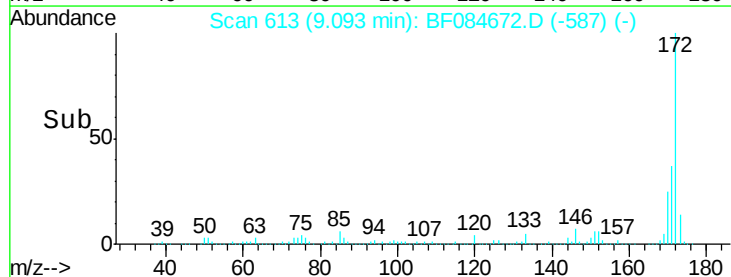
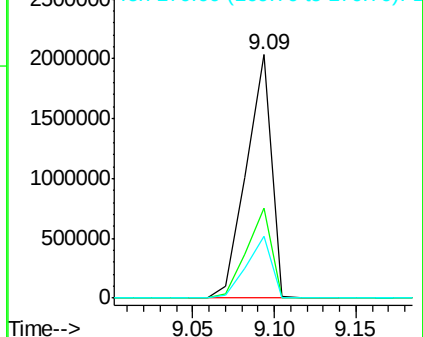


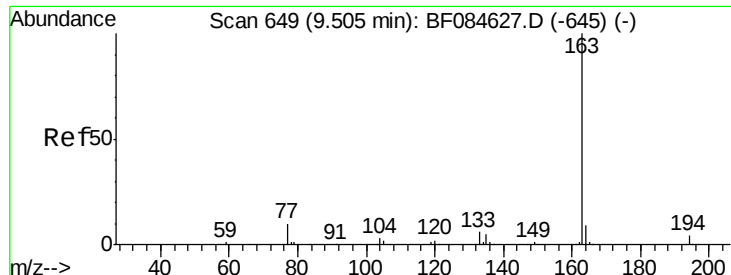
#44
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084672.D
 Acq: 30 Jan 2016 8:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.3	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

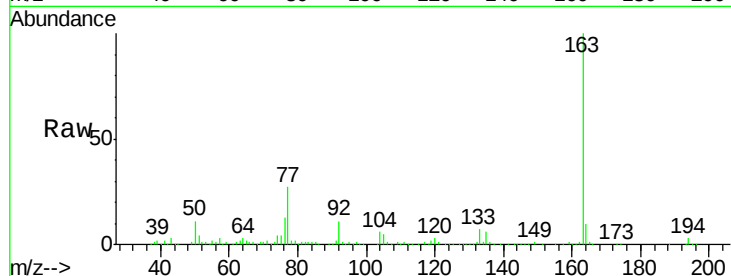




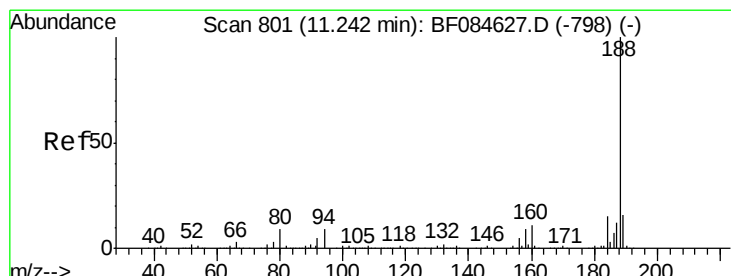
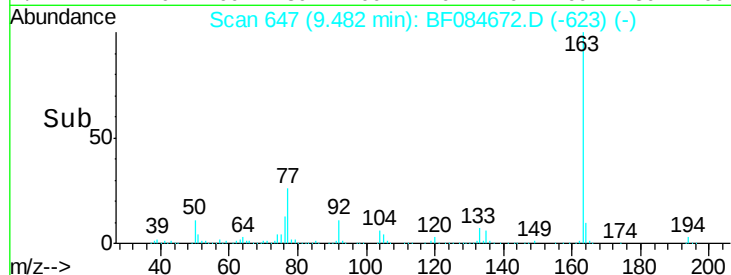
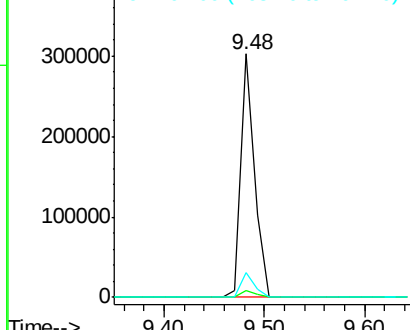
#49
Dimethylphthalate
Concen: 10.59 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084672.D
Acq: 30 Jan 2016 8:50

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-15

Tgt Ion:163 Resp: 286775
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.1 8.0 12.0

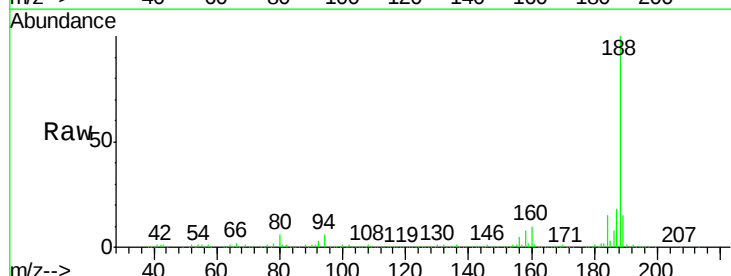


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

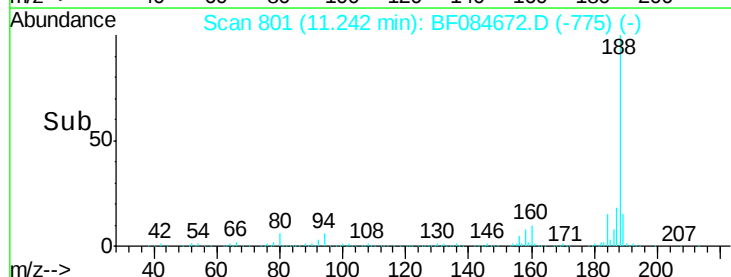
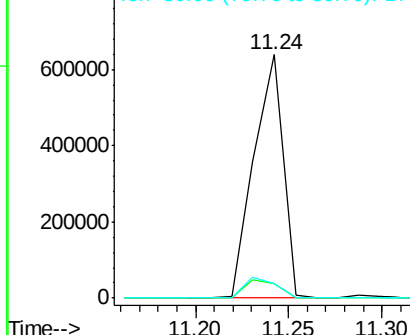


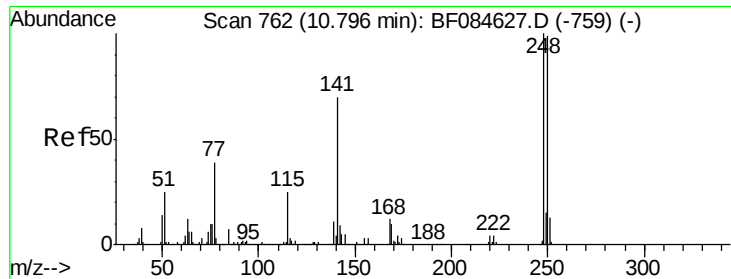
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084672.D
Acq: 30 Jan 2016 8:50

Tgt Ion:188 Resp: 692838
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 6.2 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

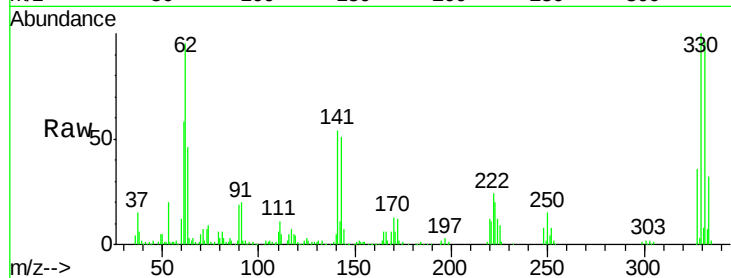




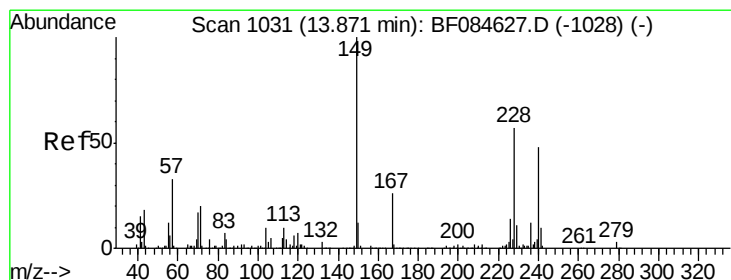
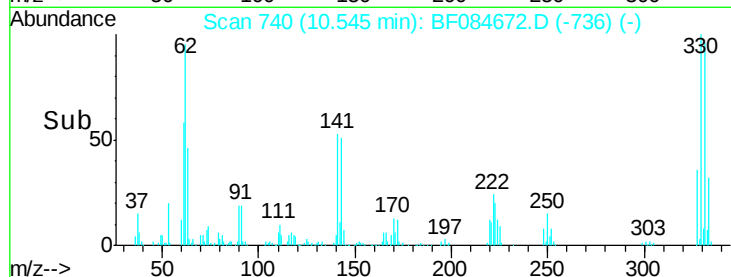
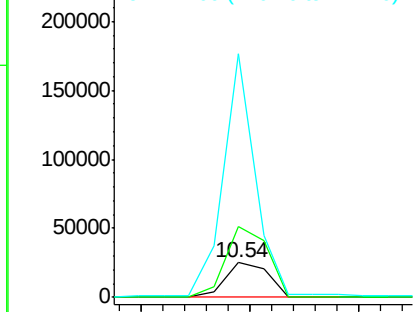
#66
 4-Bromophenyl-phenylether
 Concen: 4.44 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084672.D
 Acq: 30 Jan 2016 8:50

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-15

Tgt Ion:248 Resp: 34611
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.4 117.6#
 141 696.9 44.0 66.0#

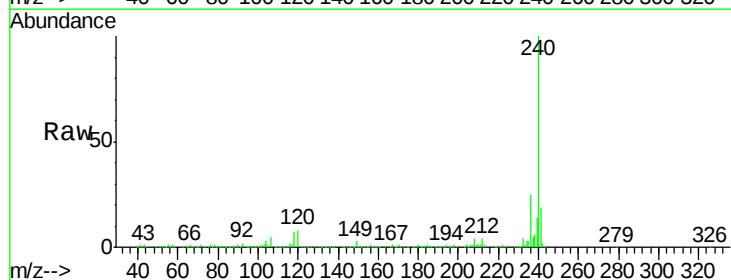


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

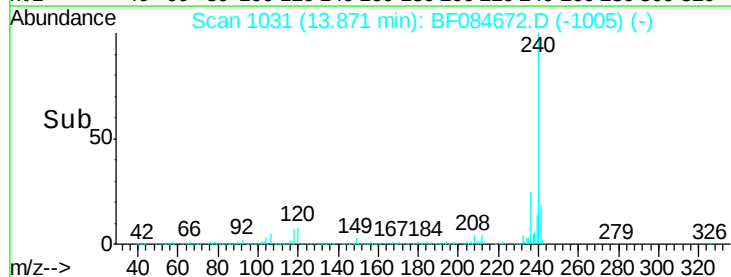
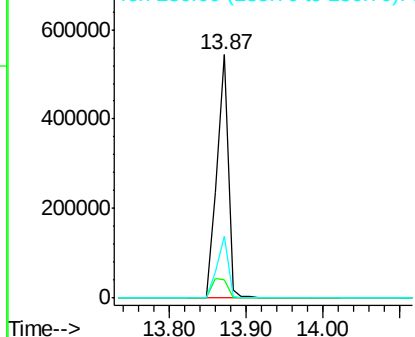


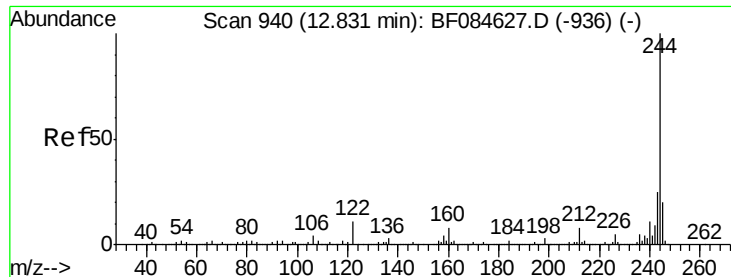
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084672.D
 Acq: 30 Jan 2016 8:50

Tgt Ion:240 Resp: 555629
 Ion Ratio Lower Upper
 240 100
 120 7.5 9.5 14.3#
 236 25.2 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





#78

Terphenyl-d14

Concen: 77.51 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

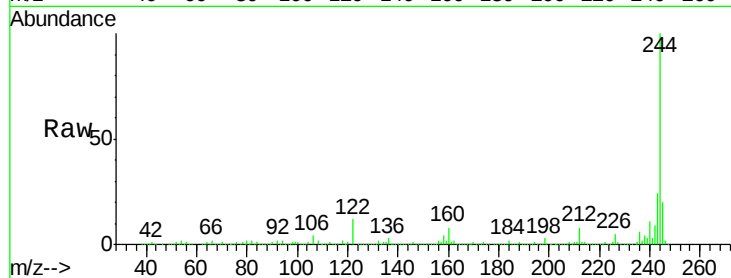
Tgt Ion:244 Resp: 1906956

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

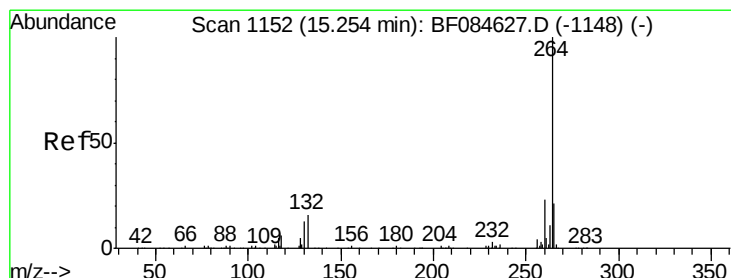
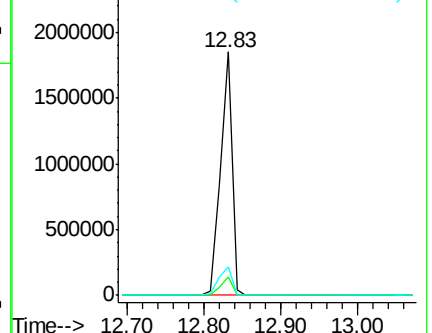
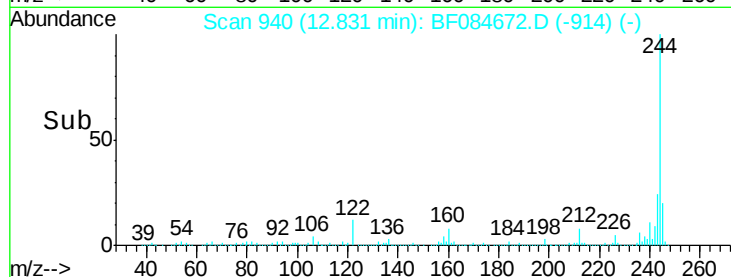
122 11.5 7.4 11.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

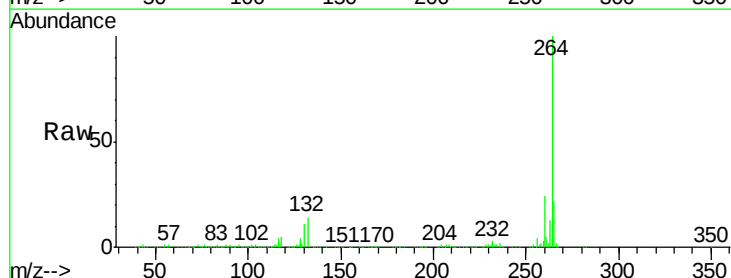
Tgt Ion:264 Resp: 384313

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.6 17.8 26.6



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

