

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 01:06:29 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

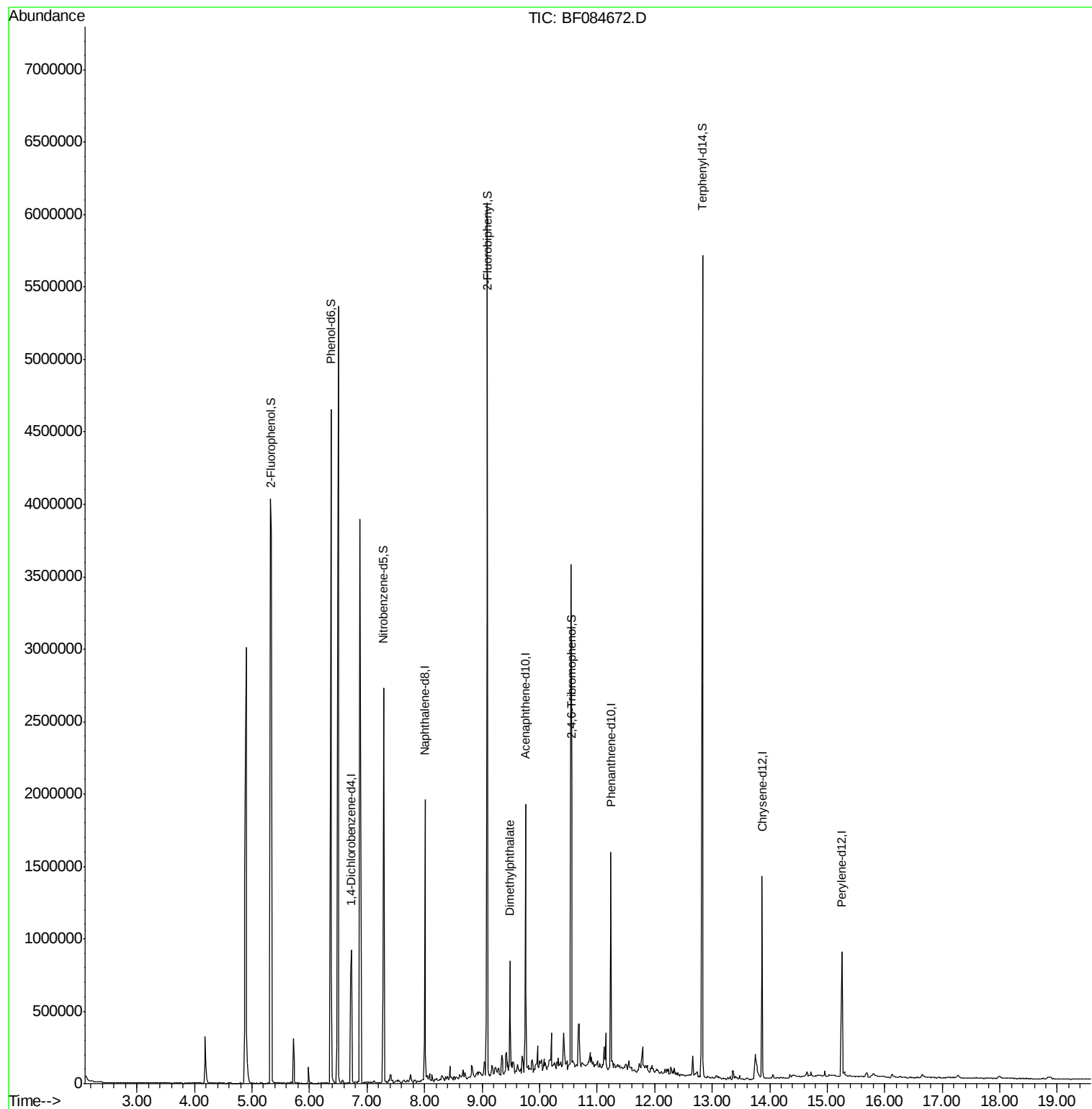
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	191678	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	792868	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	360936	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	692838	20.00	ng	0.00
75) Chrysene-d12	13.87	240	555629	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						
49) Dimethylphthalate	9.48	163	286775	10.59	ng	Qvalue # 90

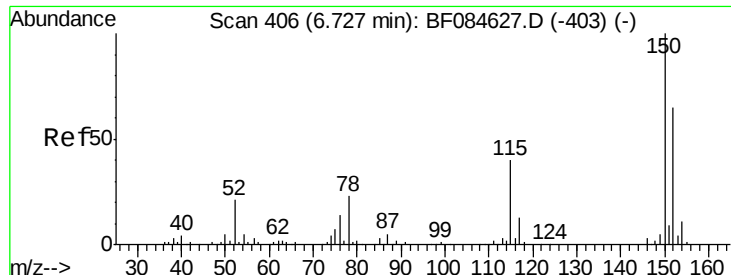
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

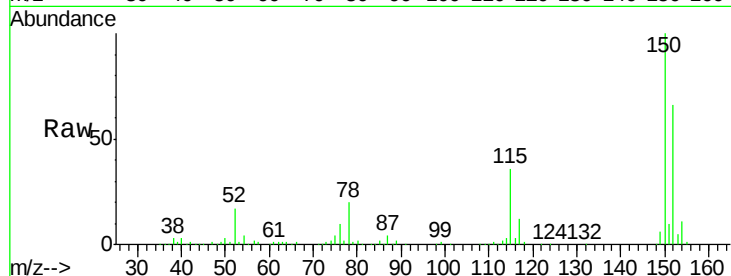
Tot Ion:152 Resp: 191678

Ion Ratio Lower Upper

152 100

150 152.4 123.0 184.4

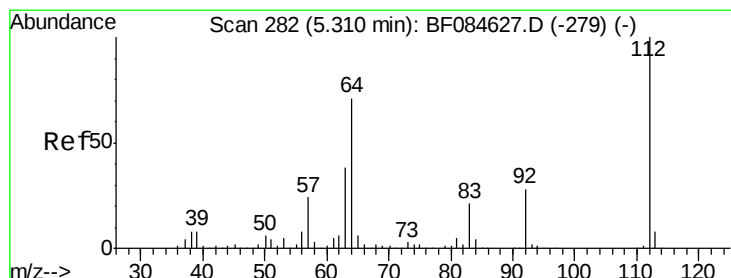
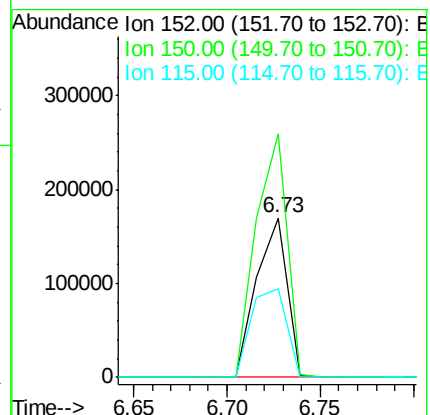
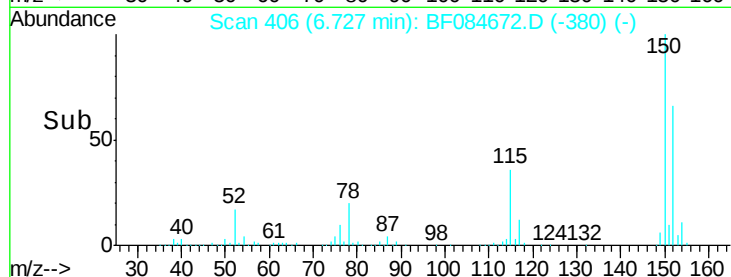
115 55.2 51.4 77.2



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

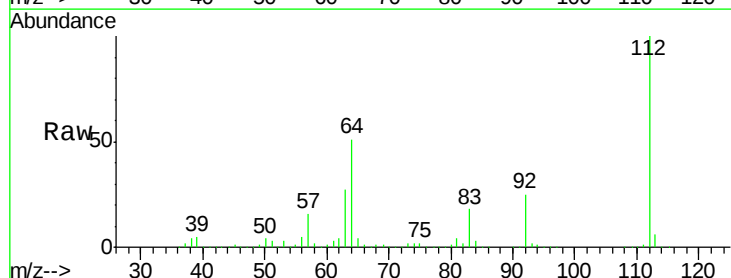
Tgt Ion:112 Resp: 1680929

Ion Ratio Lower Upper

112 100

64 51.5 36.6 55.0

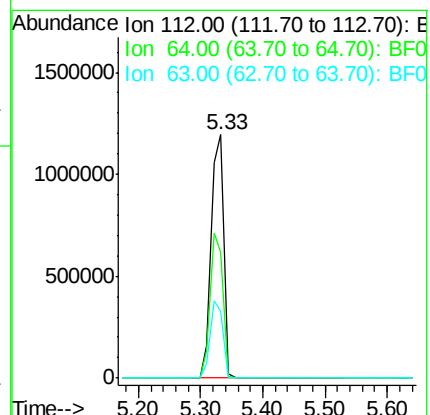
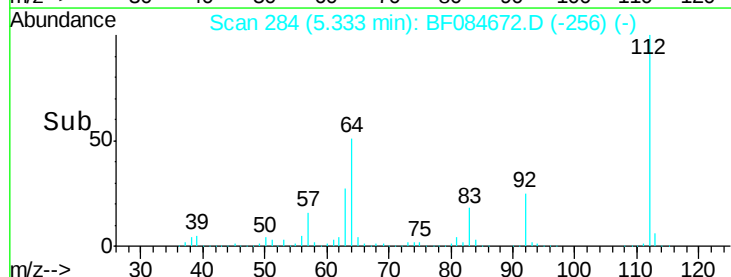
63 27.3 19.4 29.0

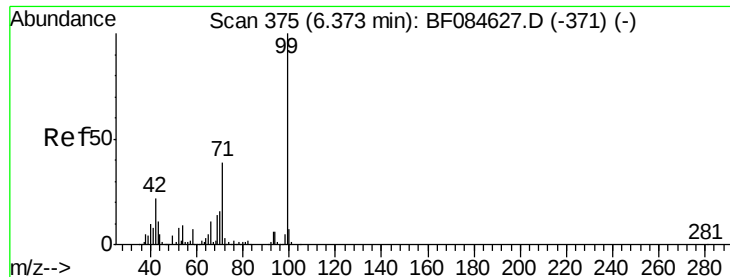


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

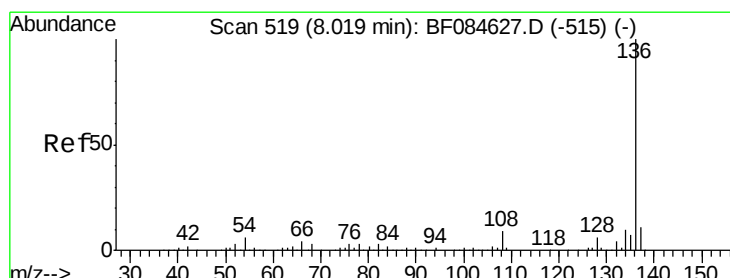
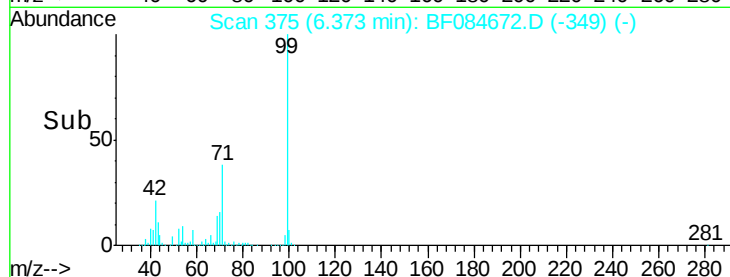
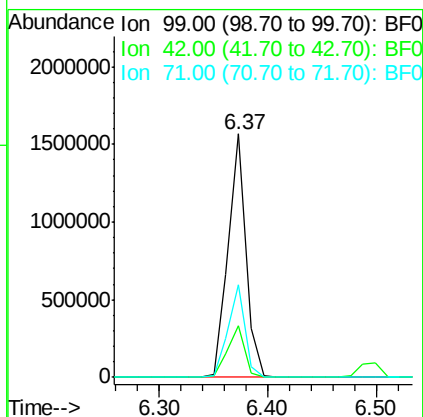
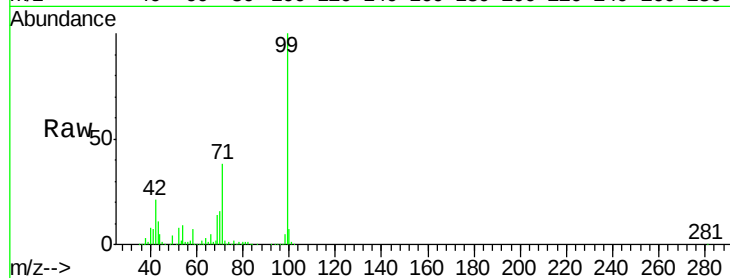
BNA_F

ClientSampleId :

WESTWALL-UST-15

Tot Ion: 99 Resp: 1771796

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	38.2	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

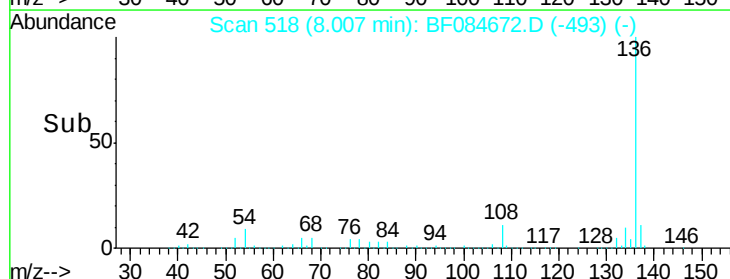
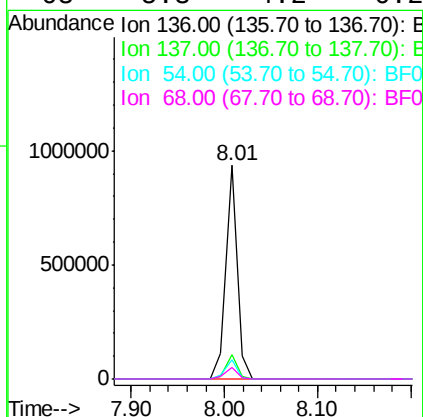
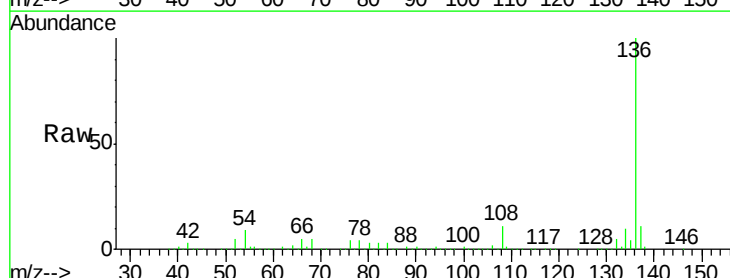
Delta R.T. -0.01 min

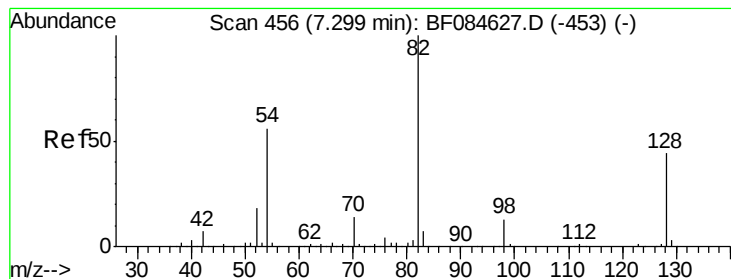
Lab File: BF084672.D

Acq: 30 Jan 2016 8:50

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





#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

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

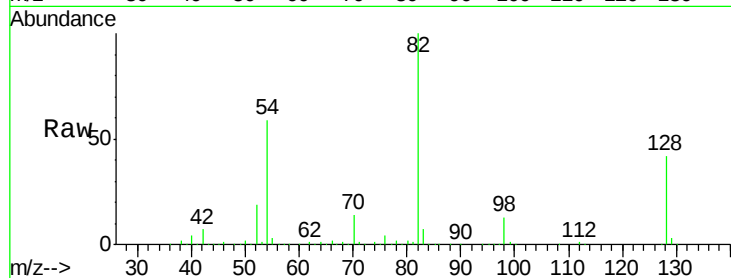
Tot Ion: 82 Resp: 1310672

Ion Ratio Lower Upper

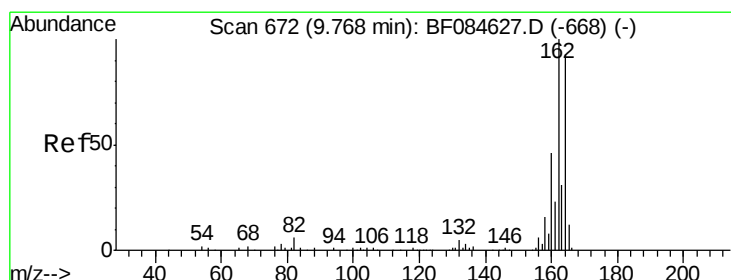
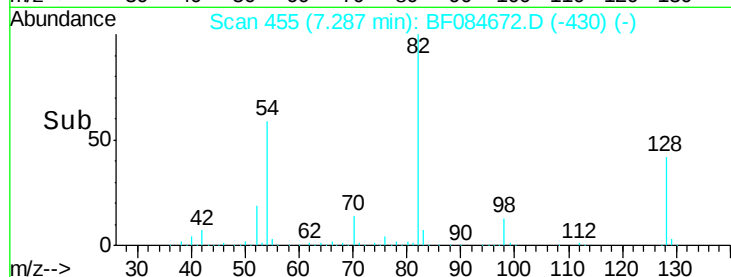
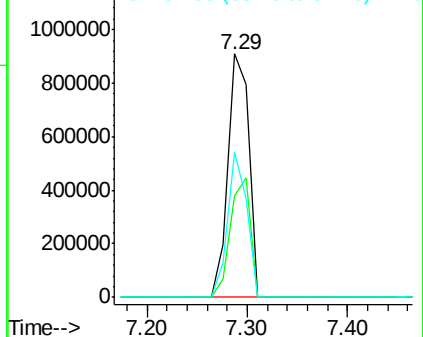
82 100

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



#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

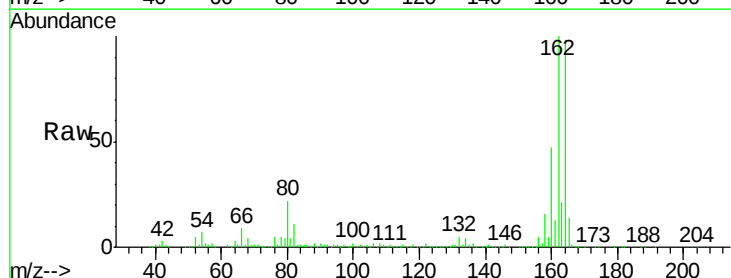
Tgt Ion:164 Resp: 360936

Ion Ratio Lower Upper

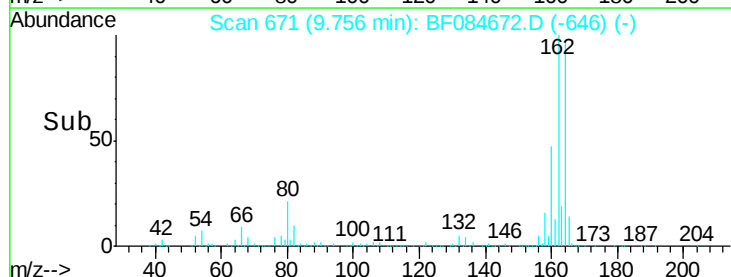
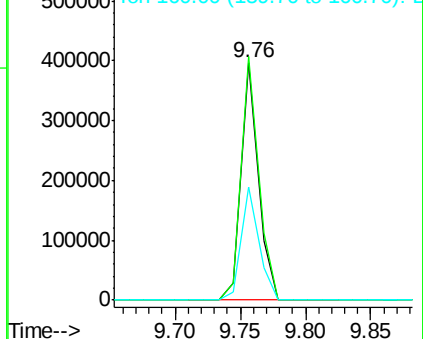
164 100

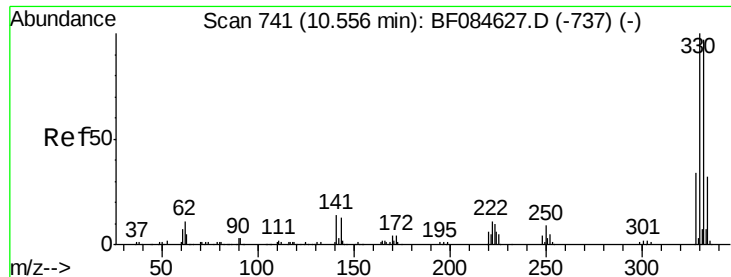
162 102.5 85.1 127.7

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

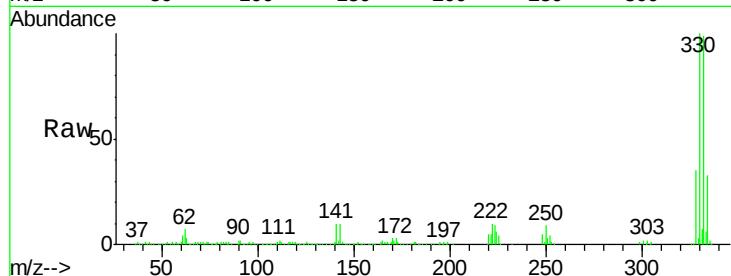




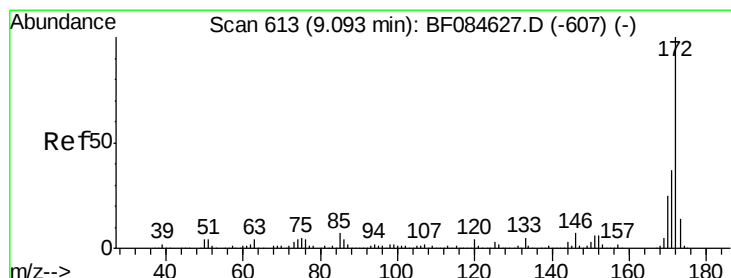
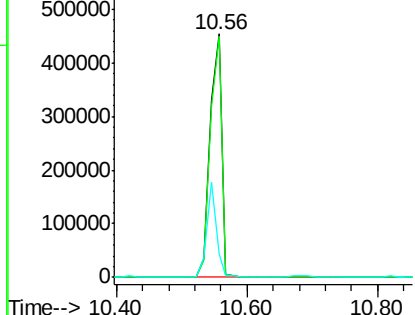
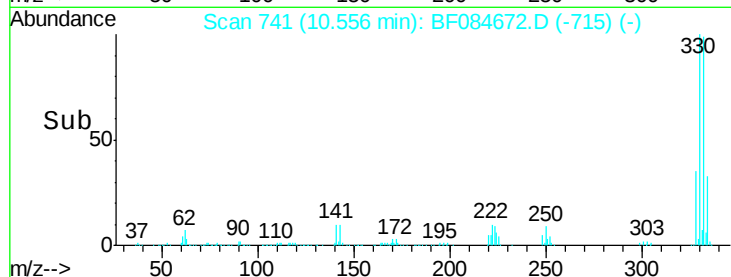
#41
 2,4,6-Tribromophenol
 Concen: 151.21 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084672.D
 Acq: 30 Jan 2016 8:50

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-15

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

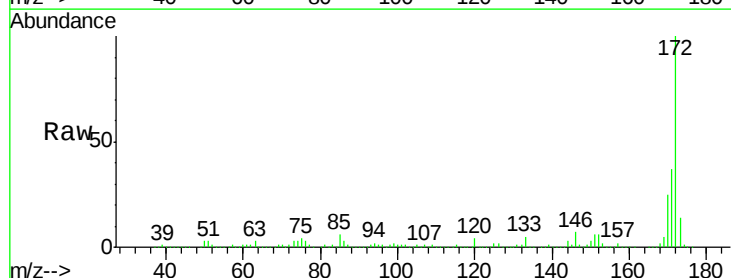


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

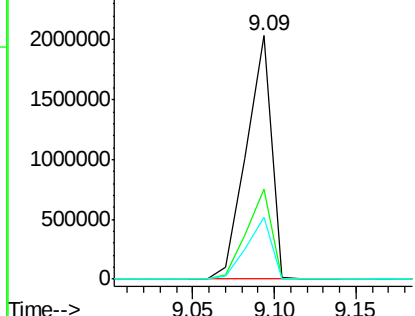
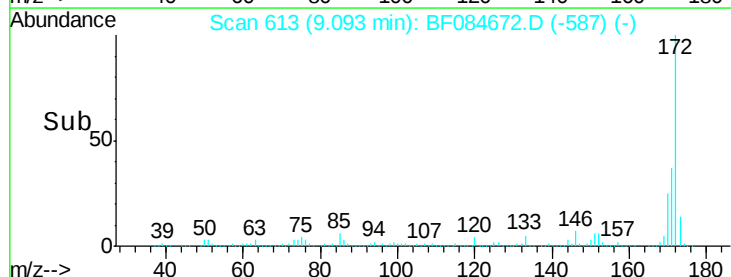


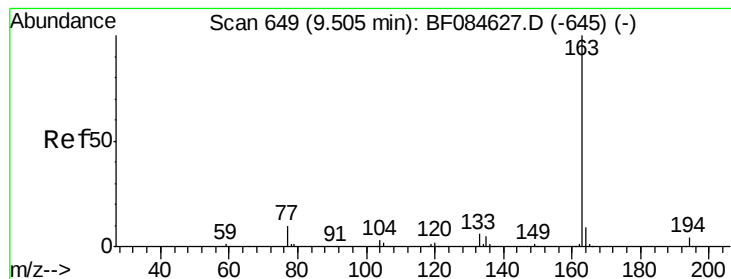
#44
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084672.D
 Acq: 30 Jan 2016 8:50

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

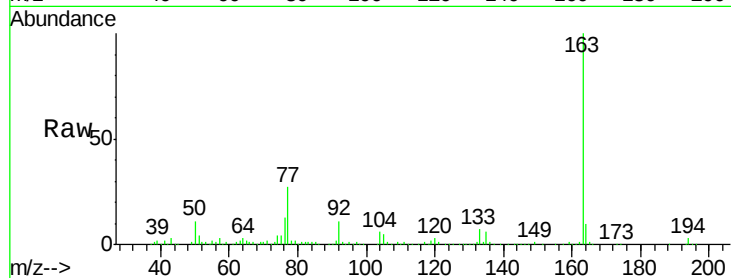
Tot Ion:163 Resp: 286775

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

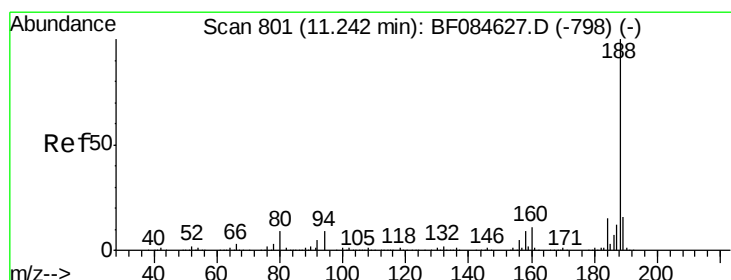
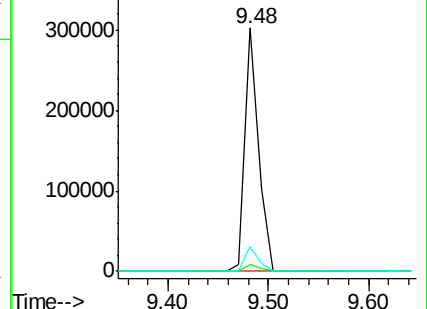
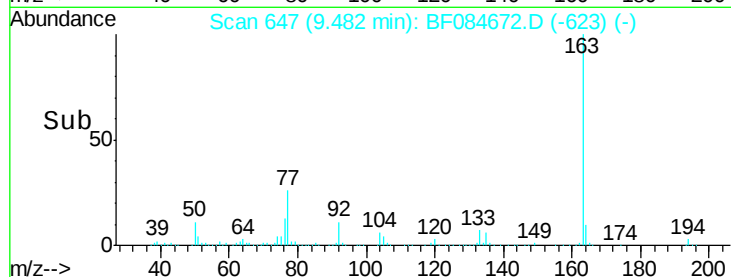
164 10.1 8.0 12.0



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

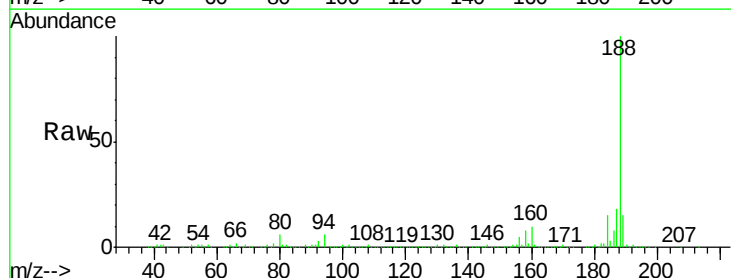
Tgt Ion:188 Resp: 692838

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

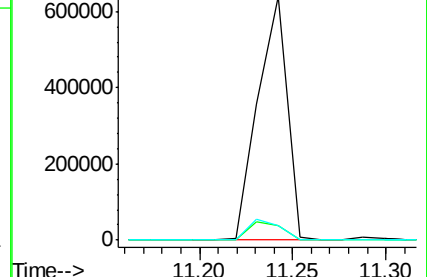
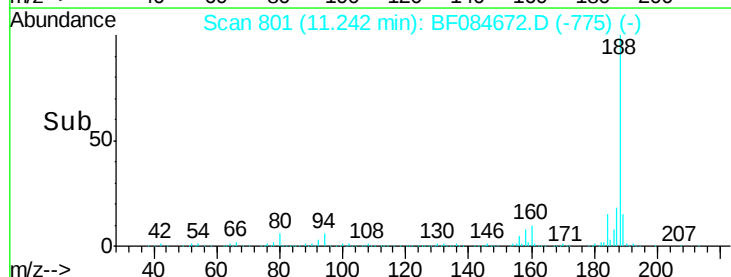
80 6.2 9.6 14.4#

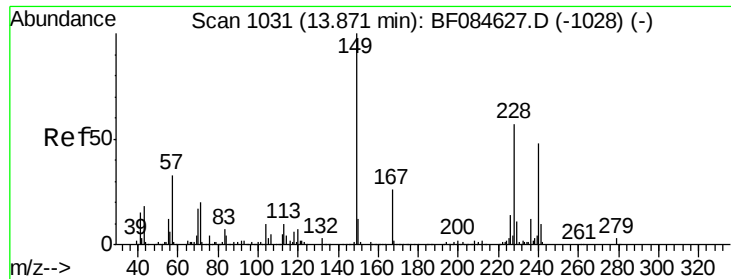


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-15

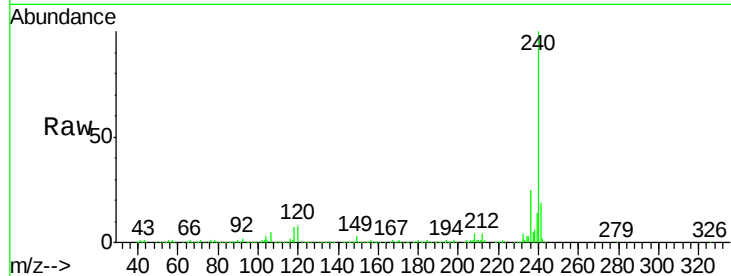
Tot Ion:240 Resp: 555629

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

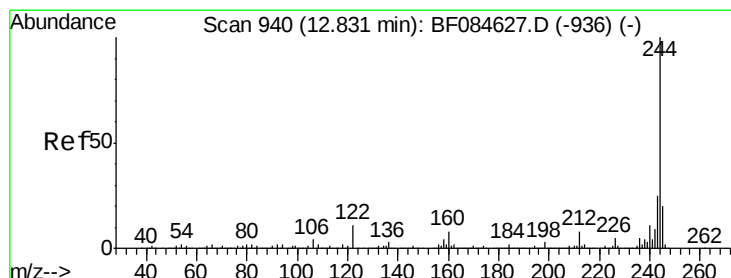
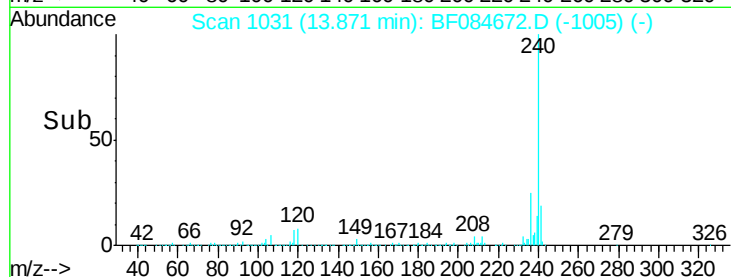
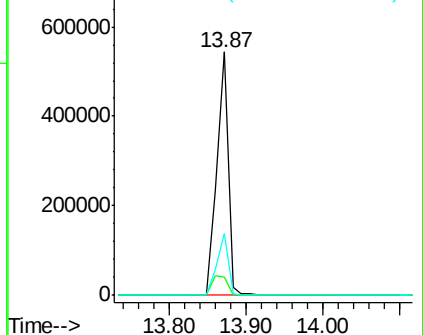
236 25.2 20.6 31.0



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

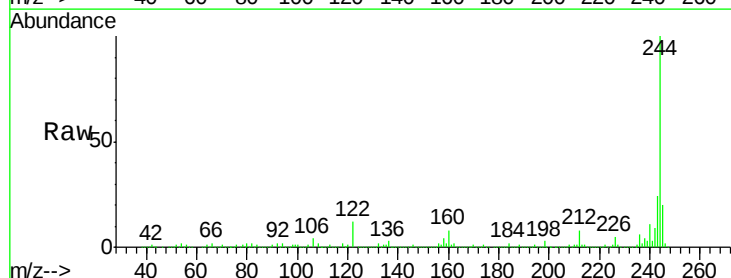
Tgt Ion:244 Resp: 1906956

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

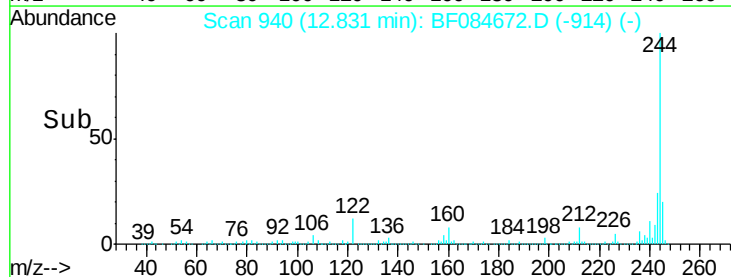
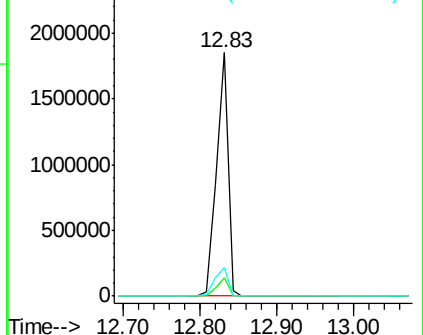
122 11.5 7.4 11.0#

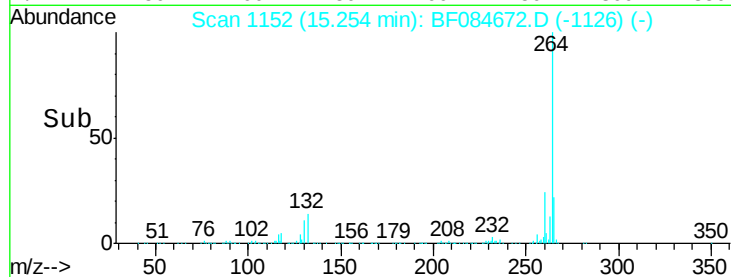
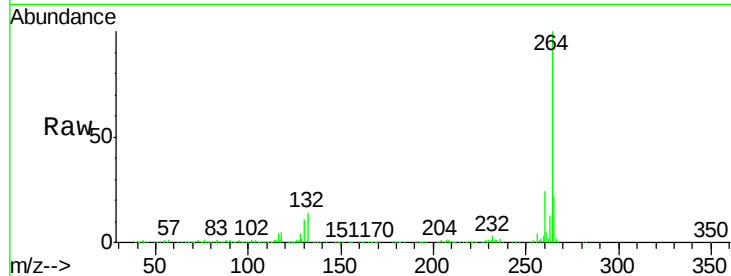
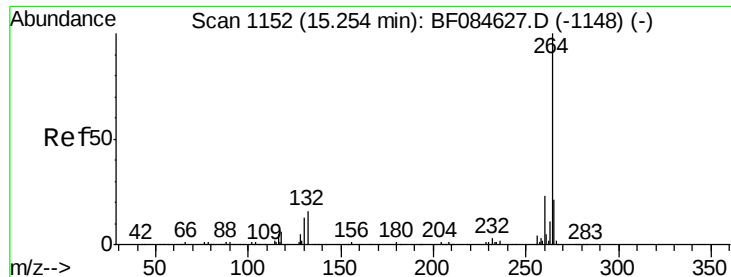


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-15

Tot Ion: 264 Resp: 384313

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	17.8	26.6

