

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084698.D
 Acq On : 30 Jan 2016 22:12
 Operator : SJ/IZ
 Sample : H1303-01 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-14

Quant Time: Feb 01 03:52:34 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

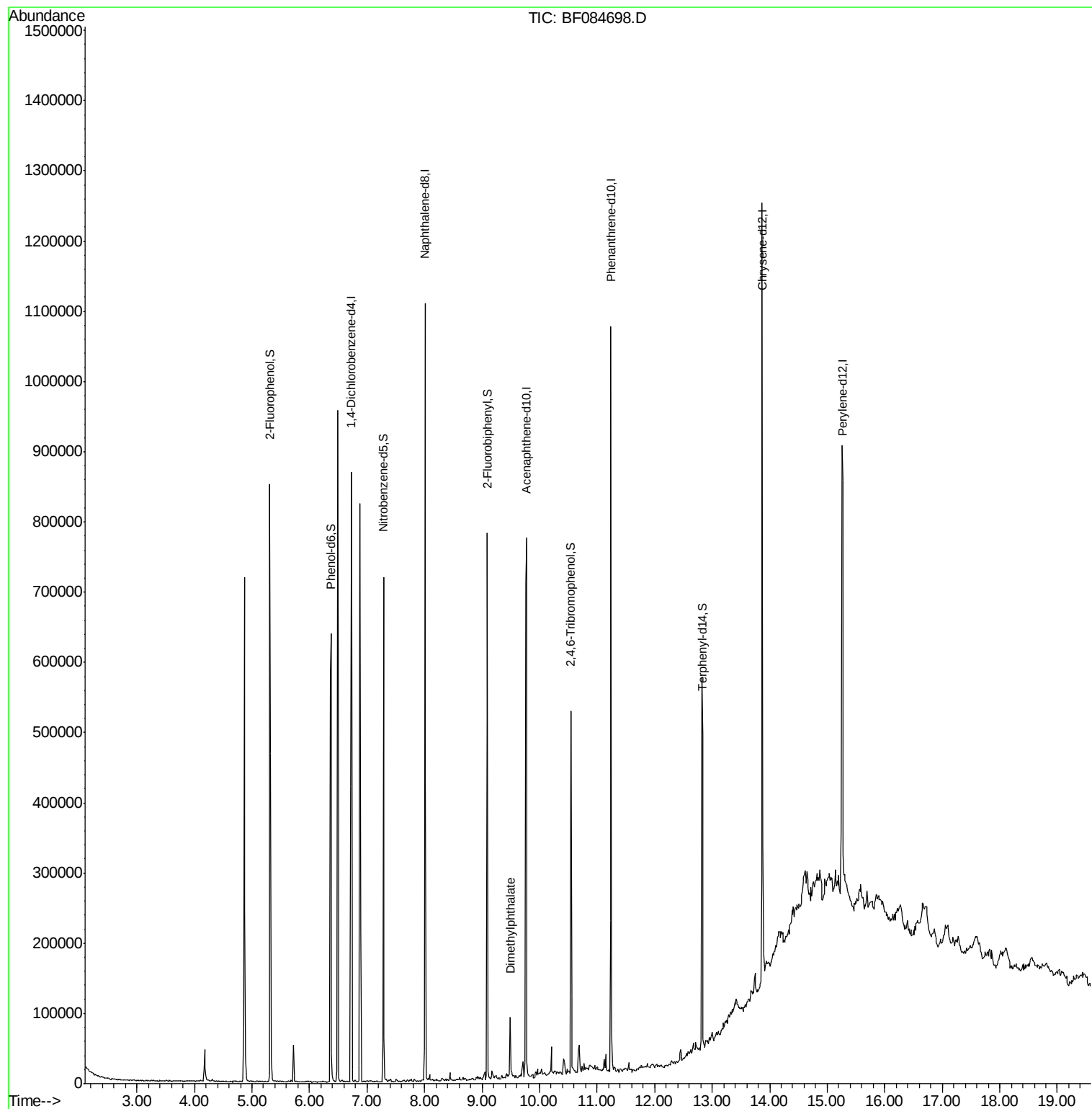
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145878	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	540453	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	220991	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	365422	20.00	ng	0.00
75) Chrysene-d12	13.87	240	366171	20.00	ng	0.00
86) Perylene-d12	15.27	264	366535	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	277450	28.71	ng	0.00
7) Phenol-d6	6.37	99	317681	27.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	198433	20.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	53960	23.30	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	316694	21.30	ng	0.00
78) Terphenyl-d14	12.83	244	227124	14.01	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	46379	2.80	ng	# 91

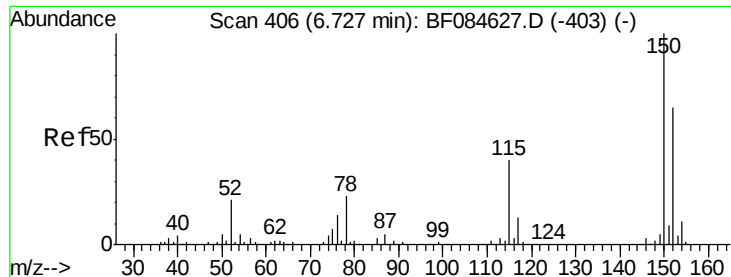
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
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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: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-14

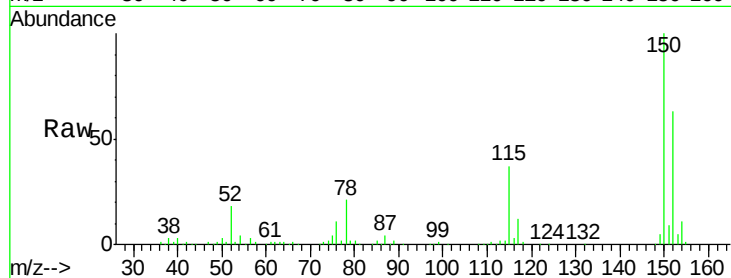
Tot Ion:152 Resp: 145878

Ion Ratio Lower Upper

152 100

150 159.8 123.0 184.4

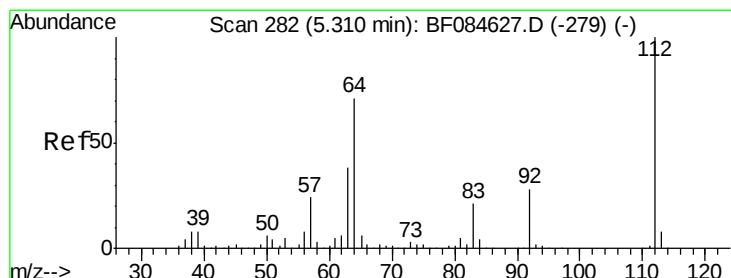
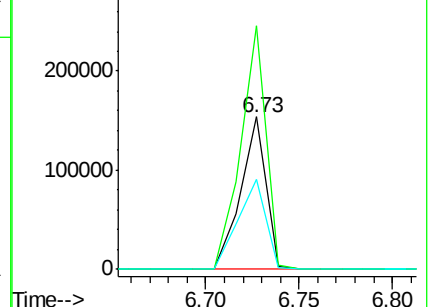
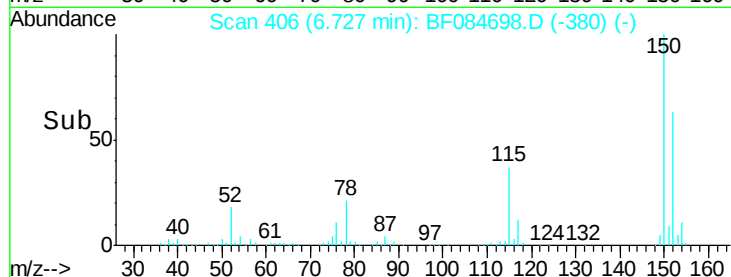
115 58.7 51.4 77.2



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: 28.71 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

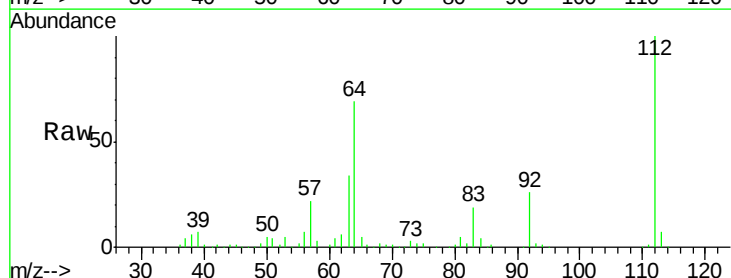
Tgt Ion:112 Resp: 277450

Ion Ratio Lower Upper

112 100

64 68.5 36.6 55.0#

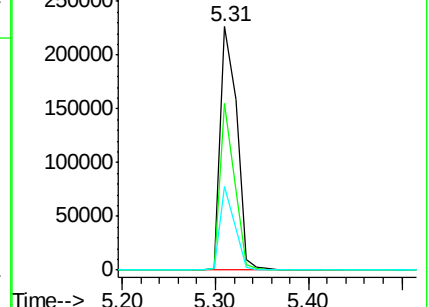
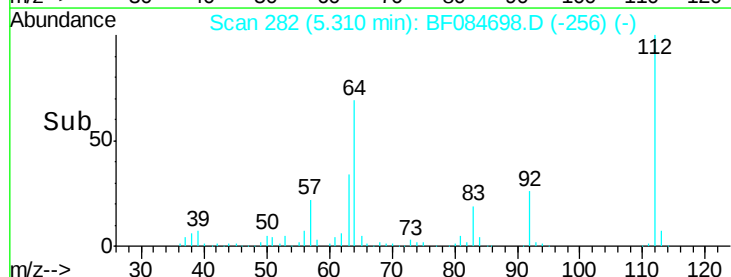
63 34.3 19.4 29.0#

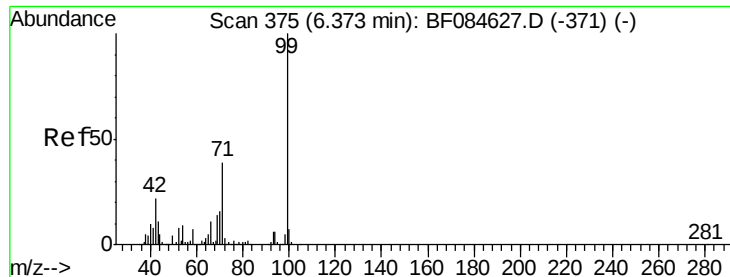


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.43 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

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ClientSampleId :

WESTWALL-UST-14

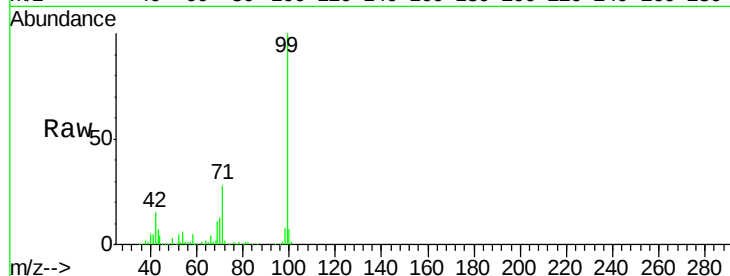
Tot Ion: 99 Resp: 317681

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

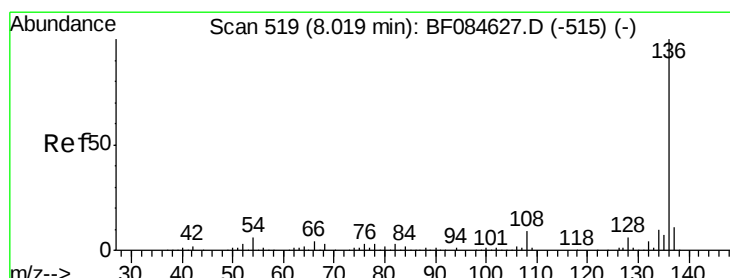
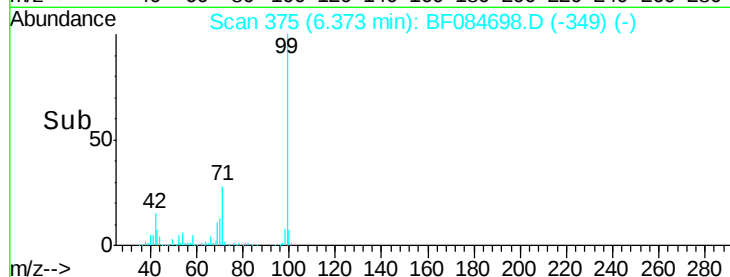
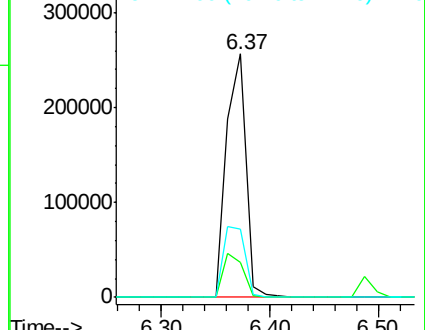
71 28.2 30.9 46.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Tgt Ion: 136 Resp: 540453

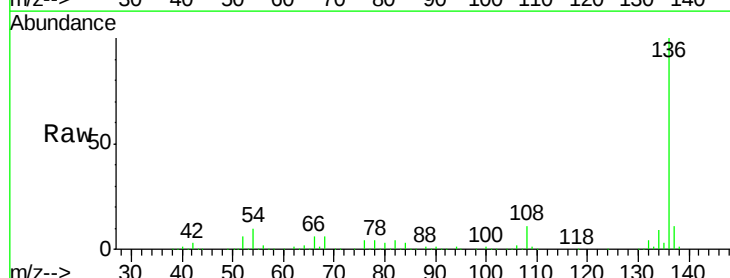
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.4 5.8 8.8#

68 6.1 4.2 6.2

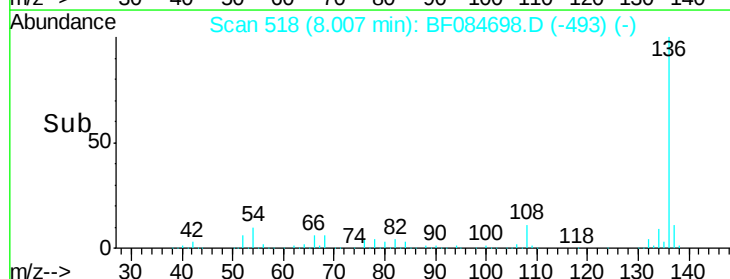
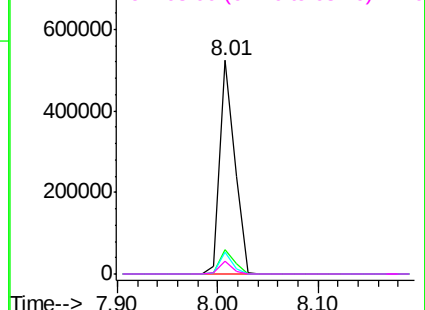


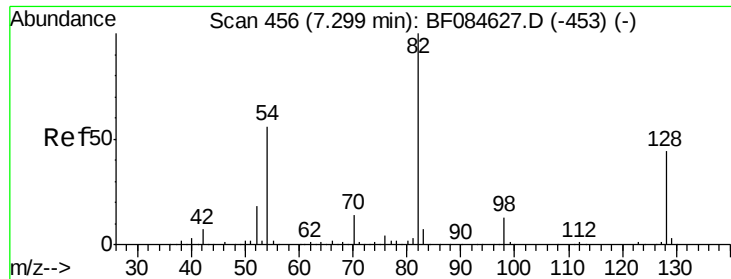
Abundance Ion 136.00 (135.70 to 136.70): E

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

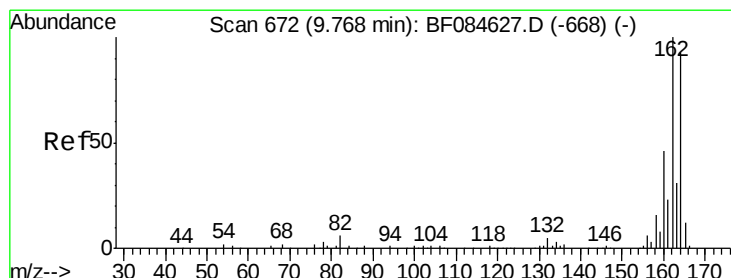
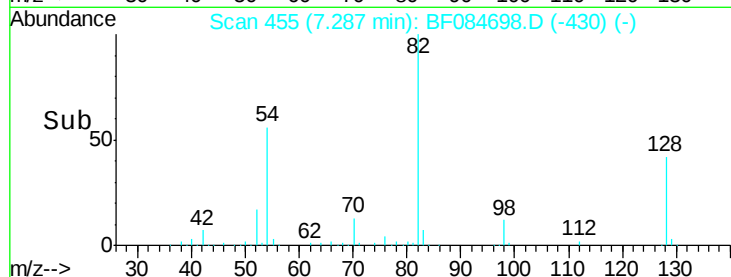
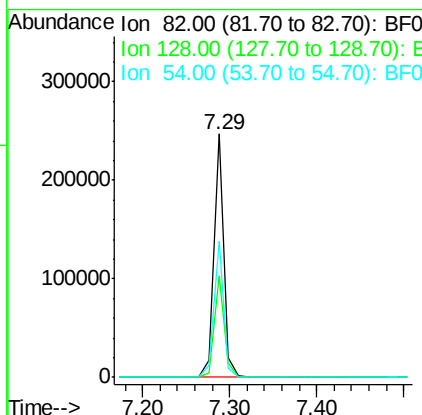
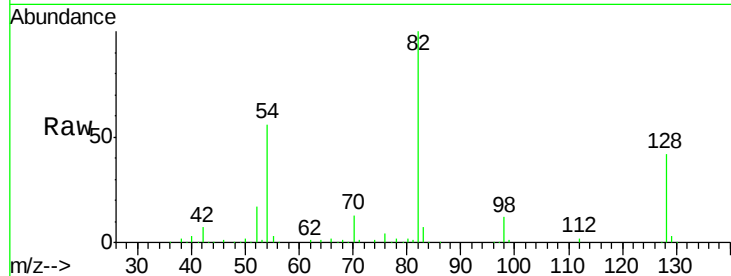




#23
 Nitrobenzene-d5
 Concen: 20.52 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084698.D
 Acq: 30 Jan 2016 22:12

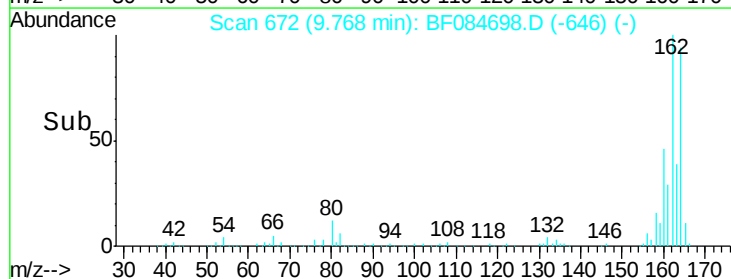
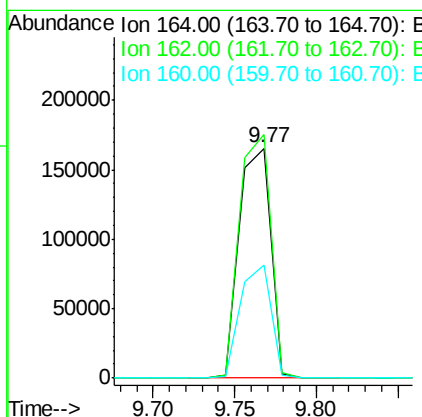
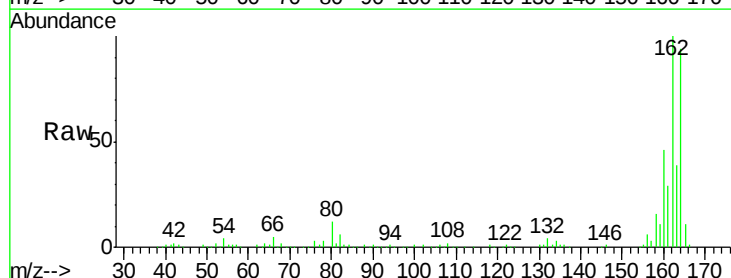
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-14

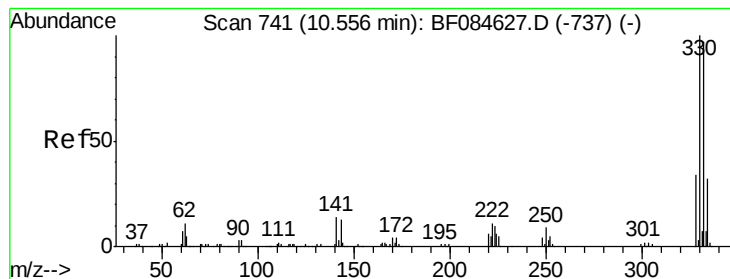
Tot Ion: 82 Resp: 198433
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 51.8
 54 56.0 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF084698.D
 Acq: 30 Jan 2016 22:12

Tgt Ion:164 Resp: 220991
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.1 127.7
 160 48.9 37.5 56.3





#41

2,4,6-Tribromophenol

Concen: 23.30 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-14

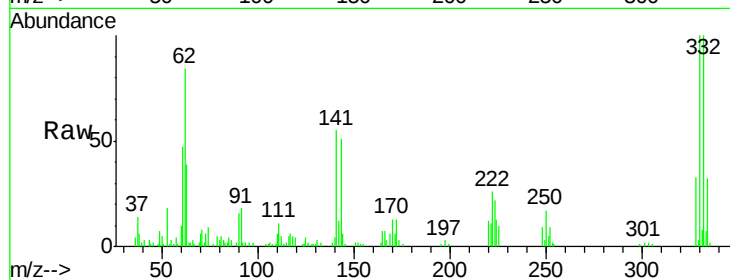
Tot Ion:330 Resp: 53960

Ion Ratio Lower Upper

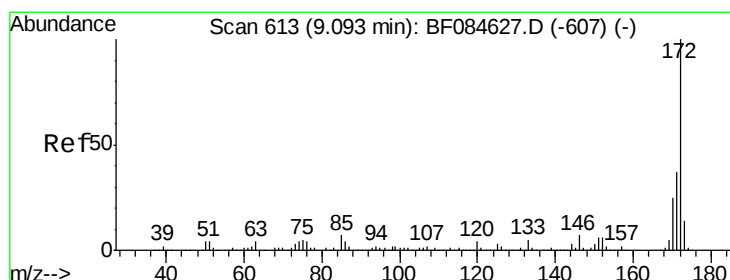
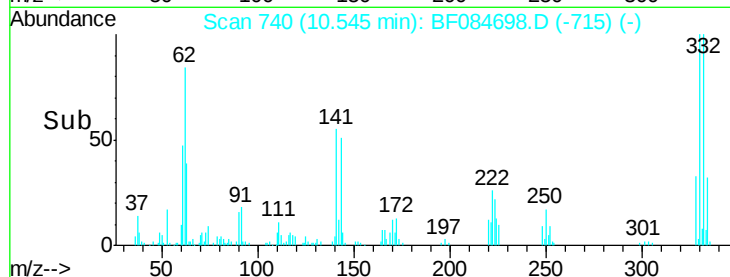
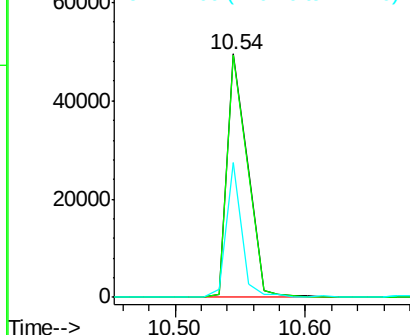
330 100

332 99.1 76.6 114.8

141 41.7 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: 21.30 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

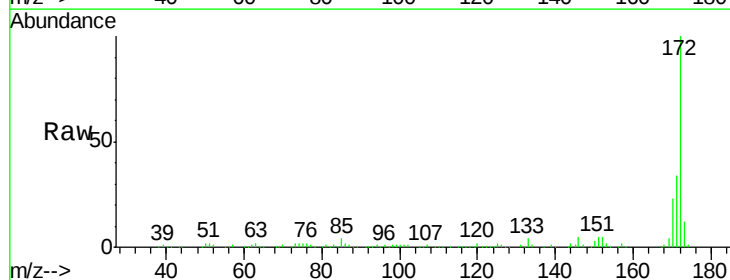
Tgt Ion:172 Resp: 316694

Ion Ratio Lower Upper

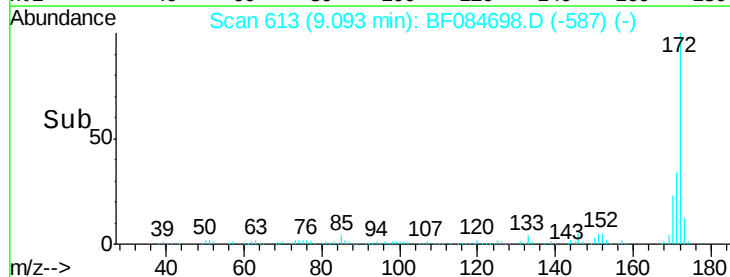
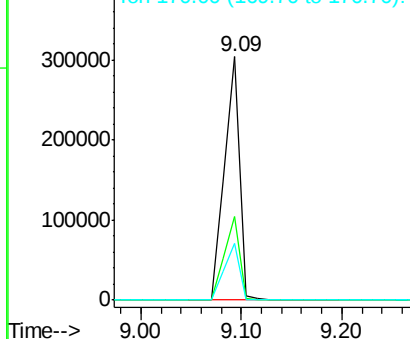
172 100

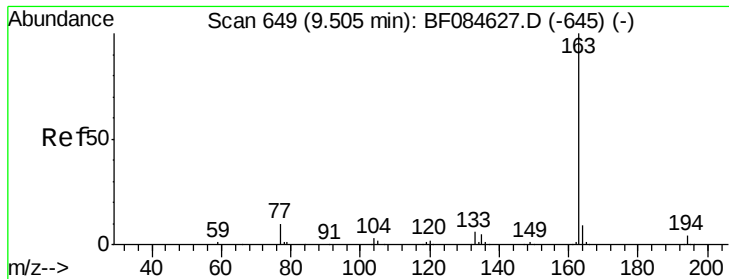
171 34.1 28.9 43.3

170 23.2 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: 2.80 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-14

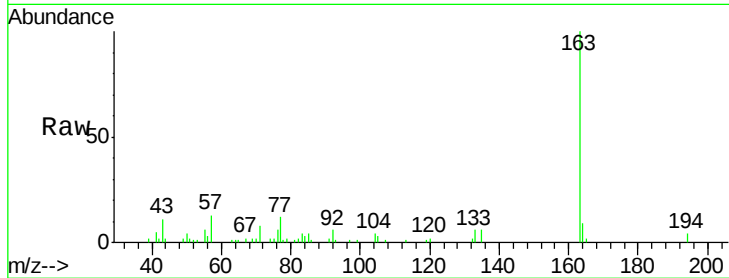
Tot Ion:163 Resp: 46379

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

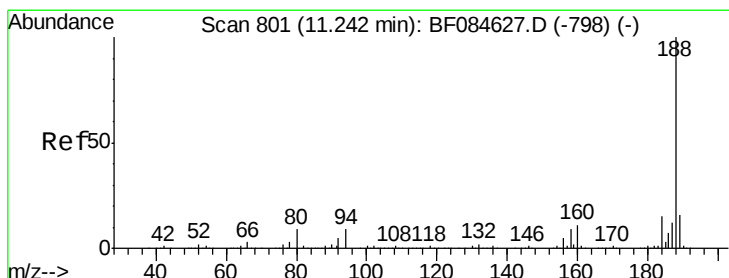
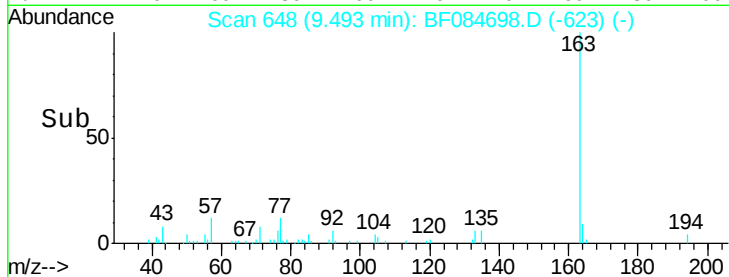
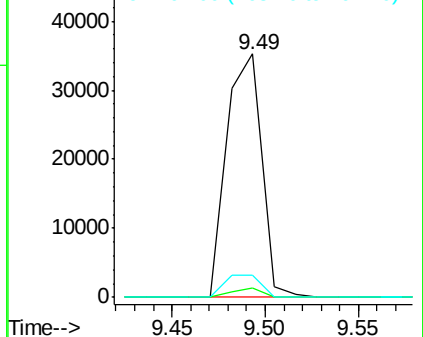
164 9.1 8.0 12.0



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: BF084698.D

Acq: 30 Jan 2016 22:12

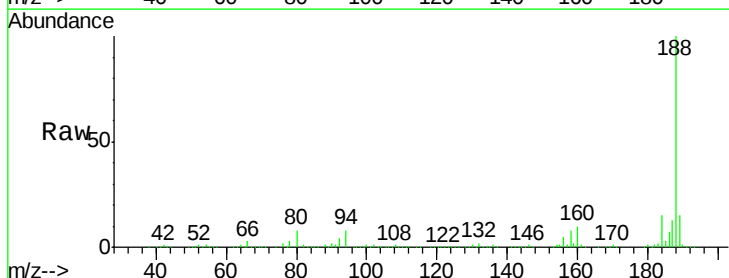
Tgt Ion:188 Resp: 365422

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

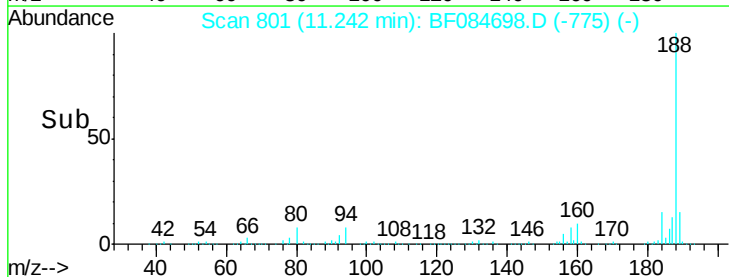
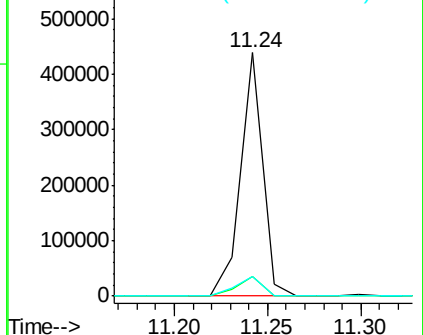
80 8.3 9.6 14.4#

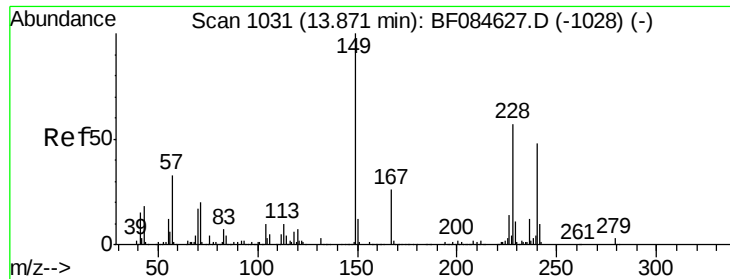


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-14

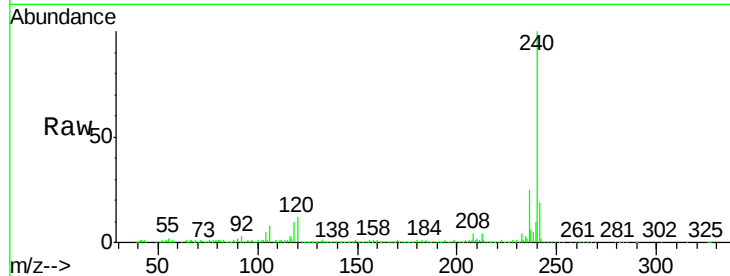
Tot Ion:240 Resp: 366171

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

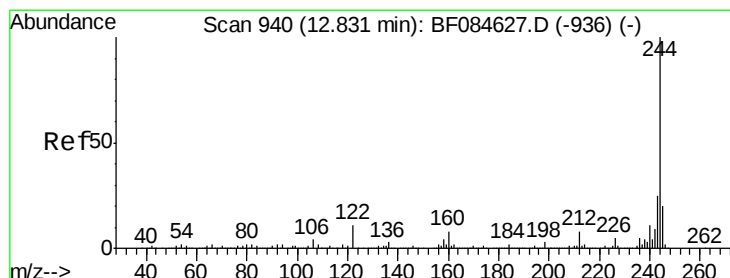
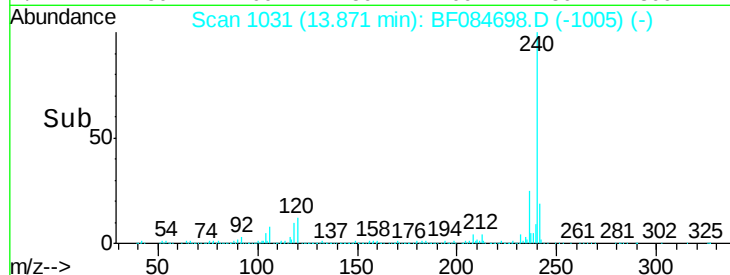
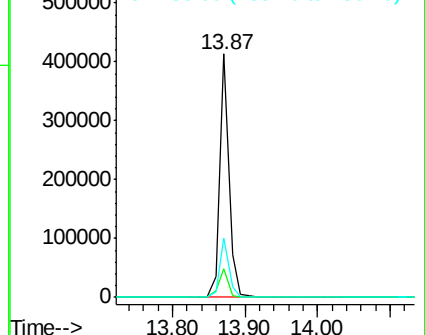
236 24.6 20.6 31.0



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: 14.01 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

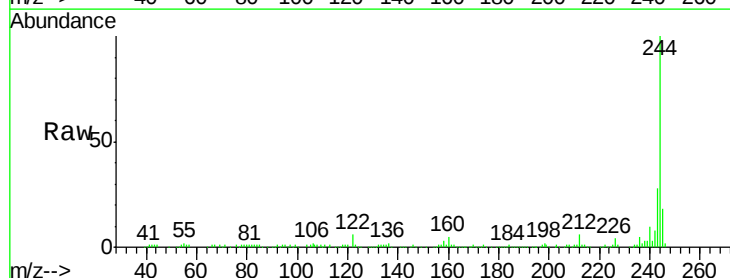
Tgt Ion:244 Resp: 227124

Ion Ratio Lower Upper

244 100

212 5.8 5.7 8.5

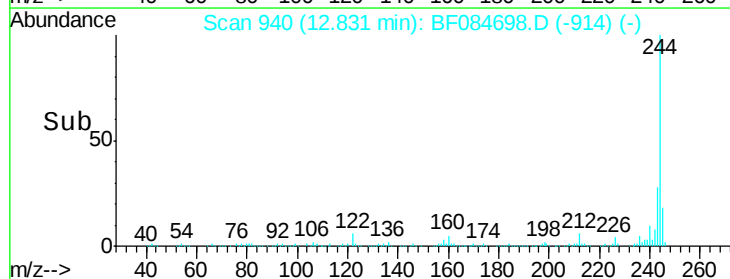
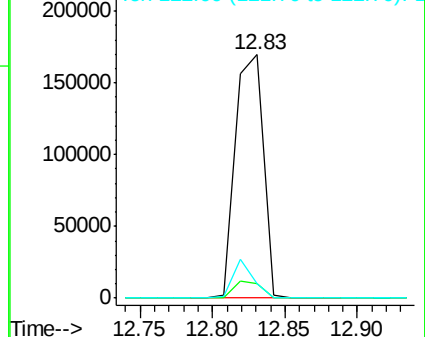
122 5.9 7.4 11.0#

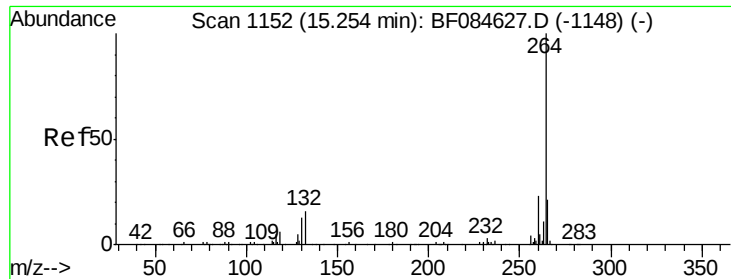


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BF084698.D
 Acq: 30 Jan 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.1	17.8	26.6

