

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 00:32:40 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

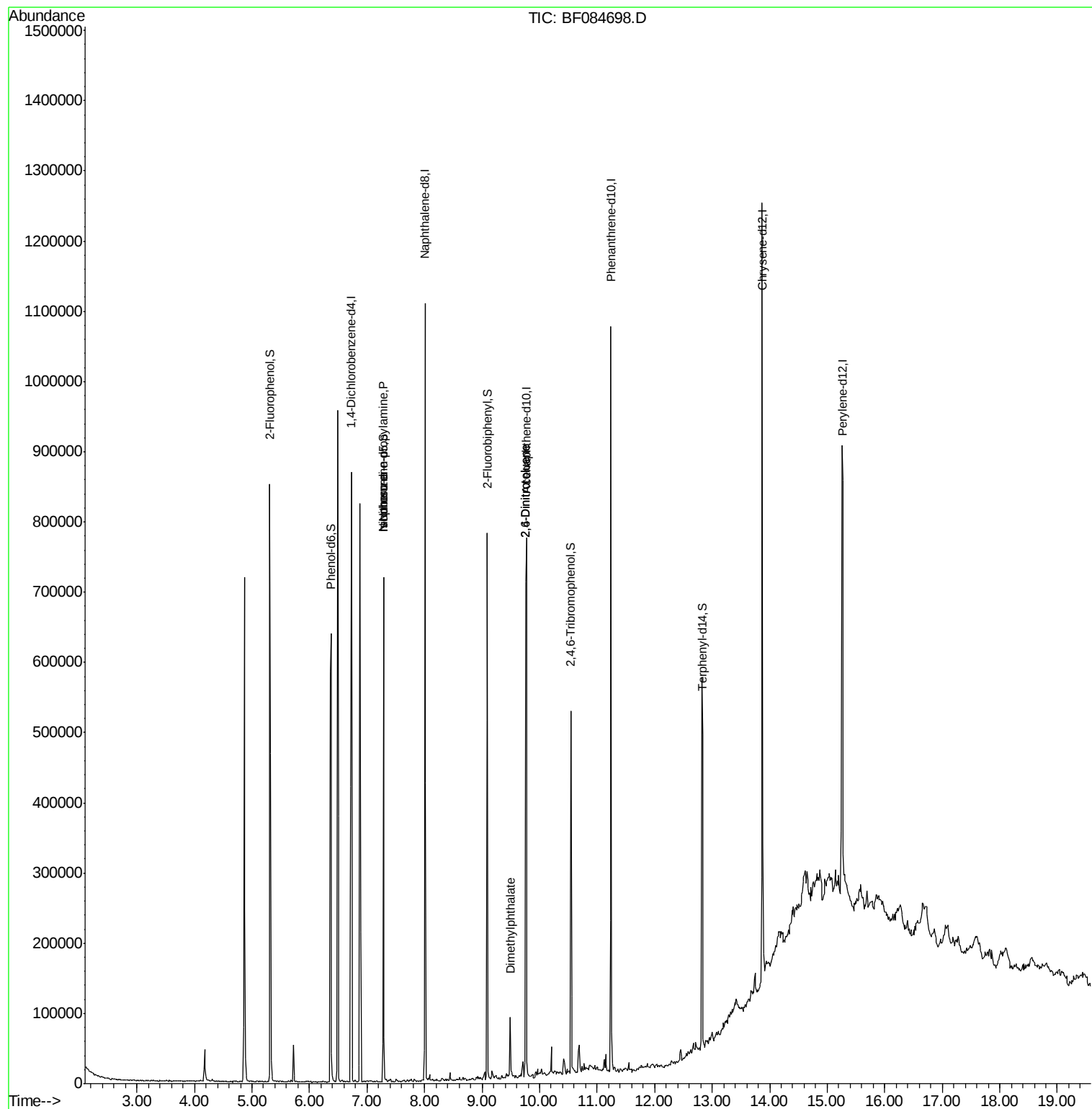
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145878	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	540453	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	220991	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	365422	20.00	ng	0.00
75) Chrysene-d12	13.87	240	366171	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						
19) n-Nitroso-di-n-propylamine	7.29	70	25708	3.63	ng	# 71
25) Isophorone	7.29	82	186446	10.29	ng	# 66
49) Dimethylphthalate	9.49	163	46379	2.80	ng	# 91
50) 2,6-Dinitrotoluene	9.76	165	27634	7.57	ng	# 39
56) 2,4-Dinitrotoluene	9.76	165	27634	5.83	ng	# 22

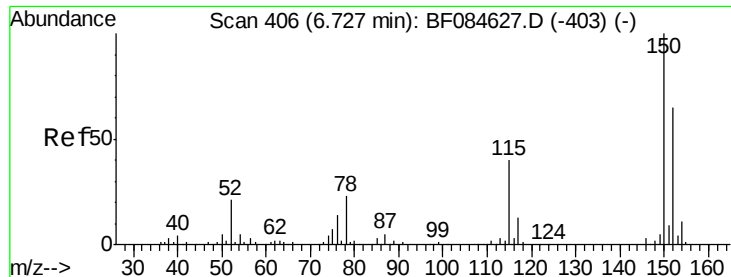
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 00:32:40 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





#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

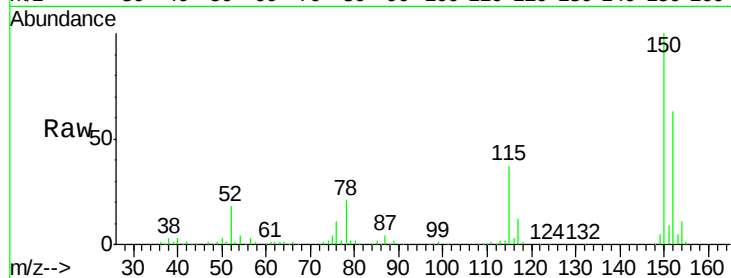
Tgt Ion:152 Resp: 145878

Ion Ratio Lower Upper

152 100

150 159.8 123.0 184.4

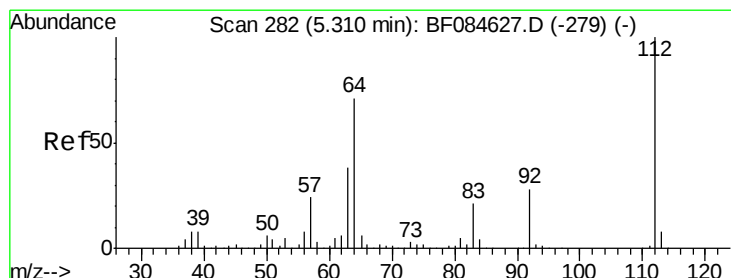
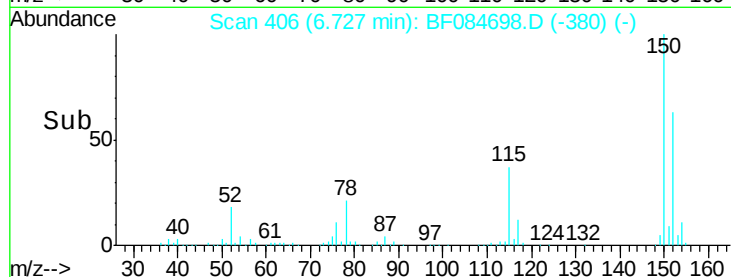
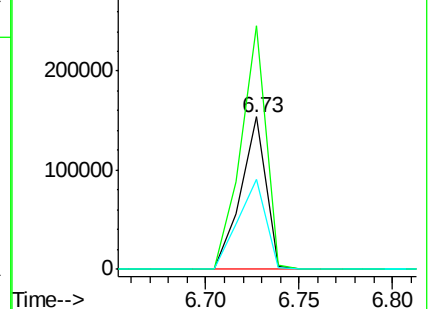
115 58.7 51.4 77.2



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

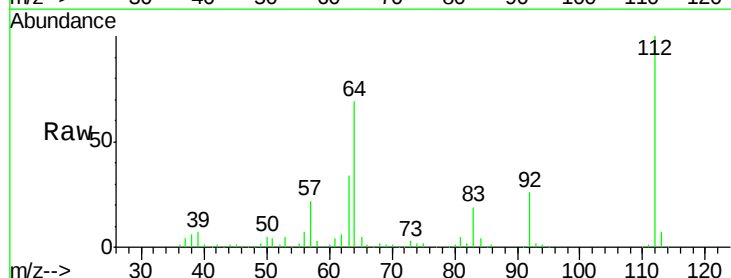
Tgt Ion:112 Resp: 277450

Ion Ratio Lower Upper

112 100

64 68.5 36.6 55.0#

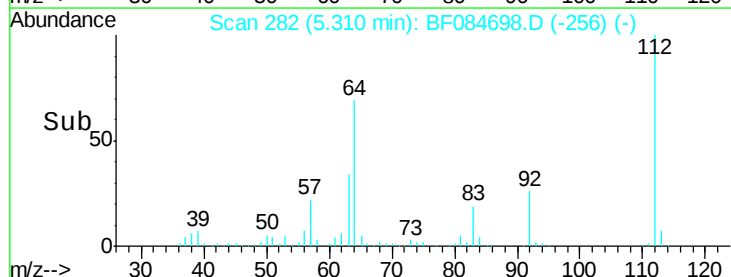
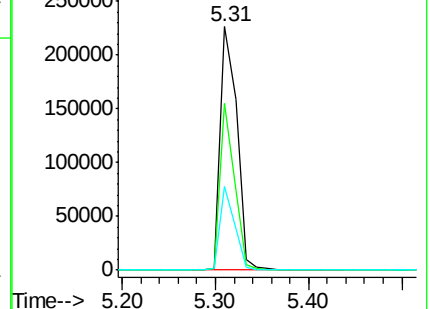
63 34.3 19.4 29.0#

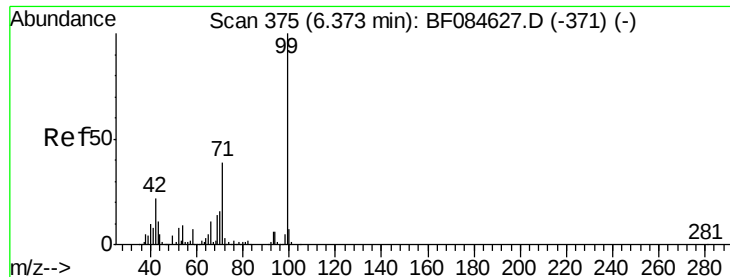


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

BNA_F

ClientSampleId :

WESTWALL-UST-14

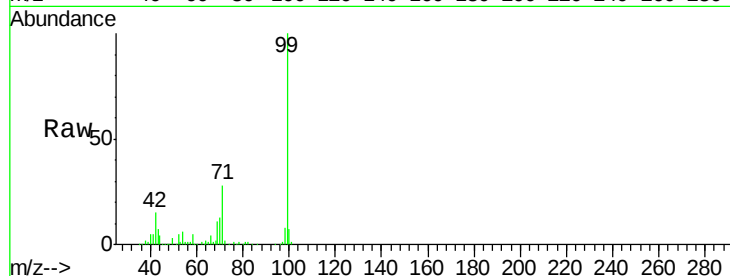
Tgt Ion: 99 Resp: 317681

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

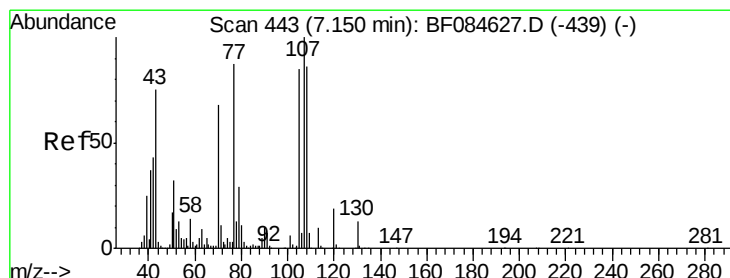
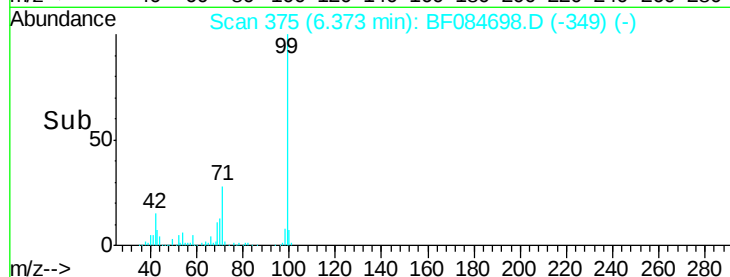
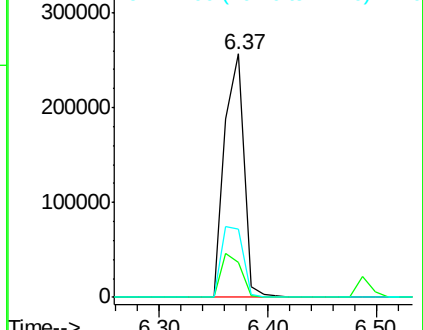
71 28.2 30.9 46.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.63 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Tgt Ion: 70 Resp: 25708

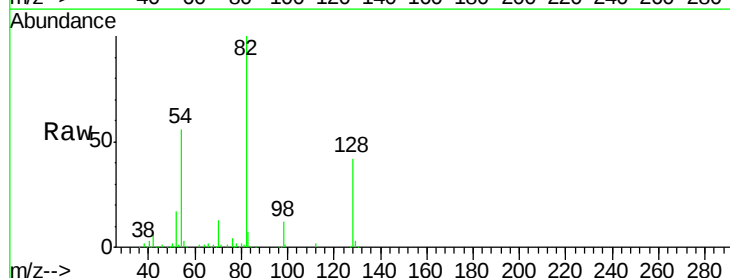
Ion Ratio Lower Upper

70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

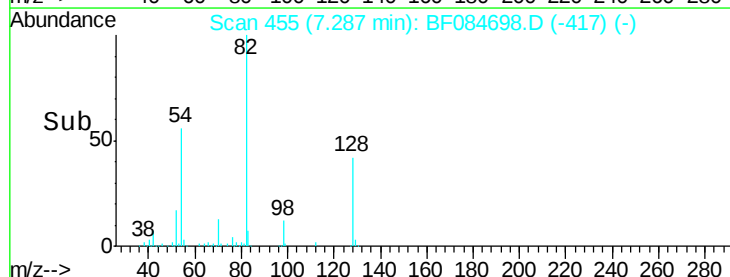
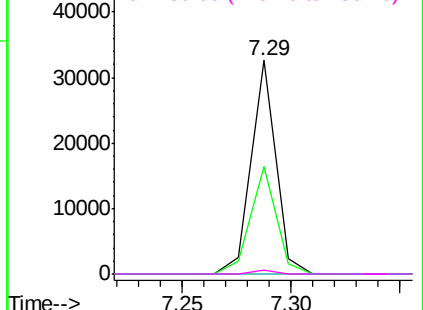


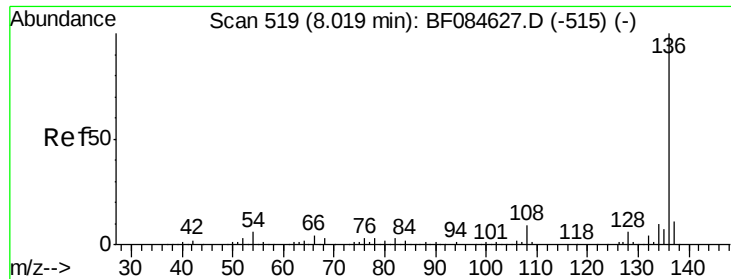
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

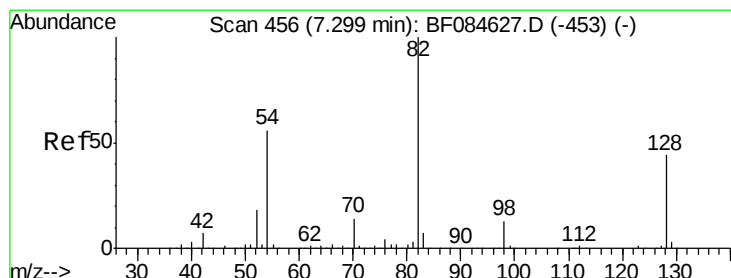
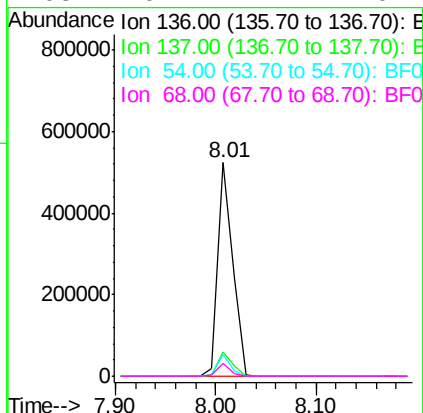
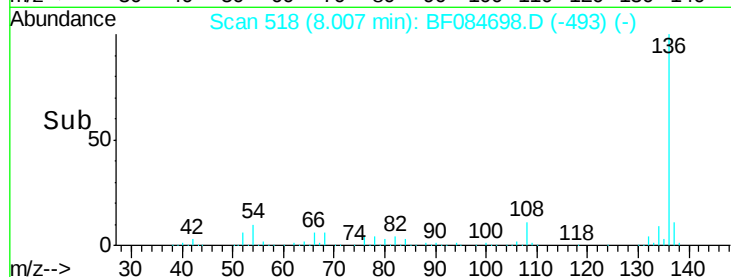
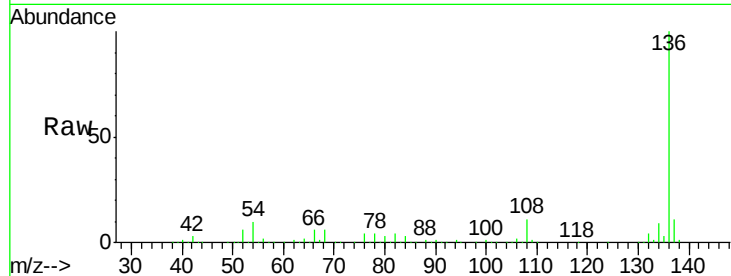




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084698.D
Acq: 30 Jan 2016 22:12

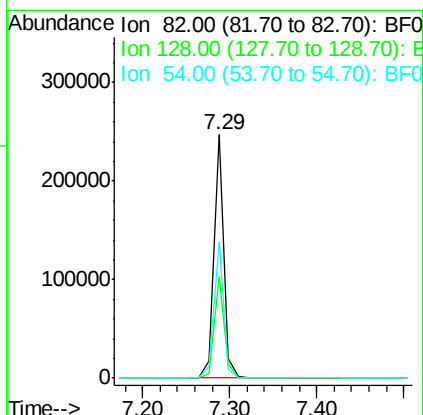
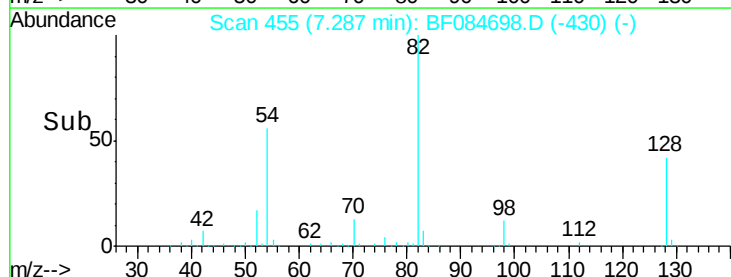
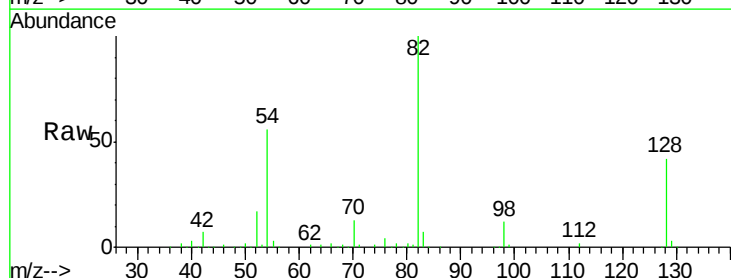
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-14

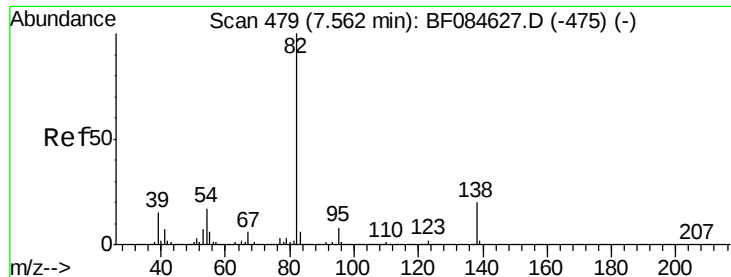
Tgt Ion:	136	Resp:	540453
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.4	5.8	8.8#
68	6.1	4.2	6.2



#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

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





#25

Isophorone

Concen: 10.29 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-14

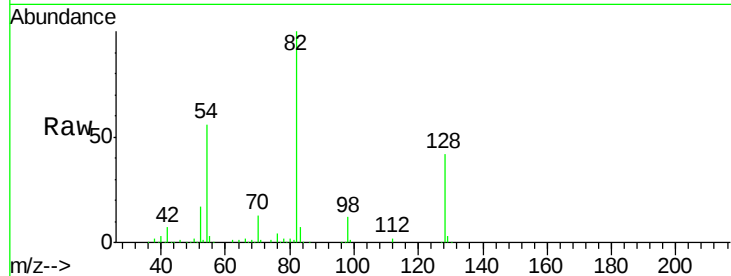
Tgt Ion: 82 Resp: 186446

Ion Ratio Lower Upper

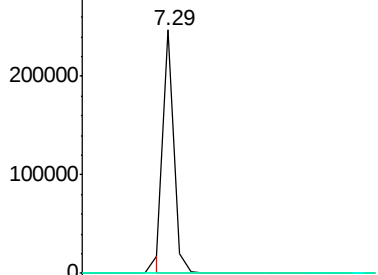
82 100

95 0.0 6.6 10.0#

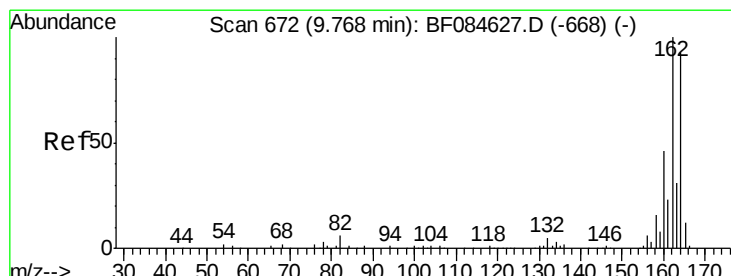
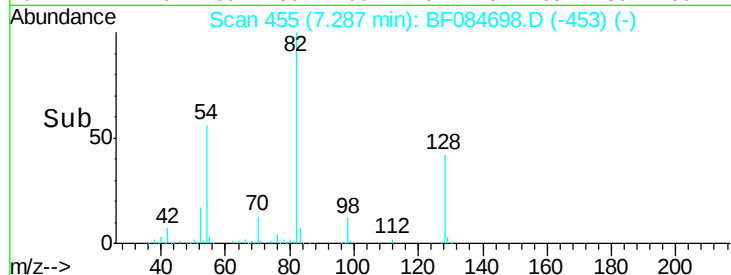
138 0.0 13.6 20.4#



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



Time-->



#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

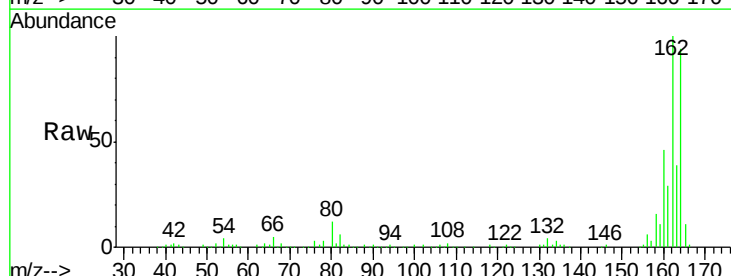
Tgt Ion: 164 Resp: 220991

Ion Ratio Lower Upper

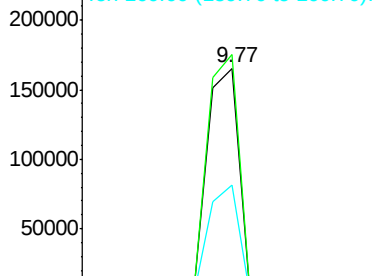
164 100

162 105.9 85.1 127.7

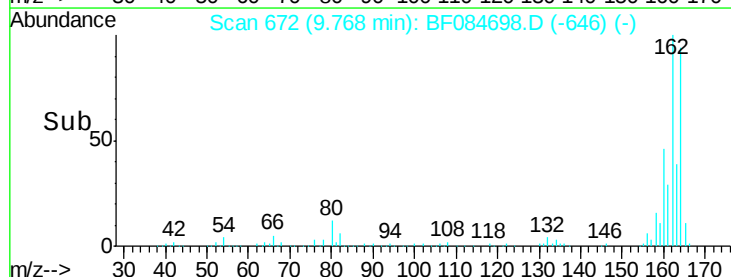
160 48.9 37.5 56.3

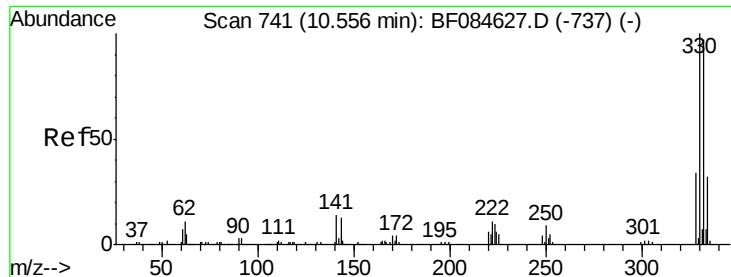


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

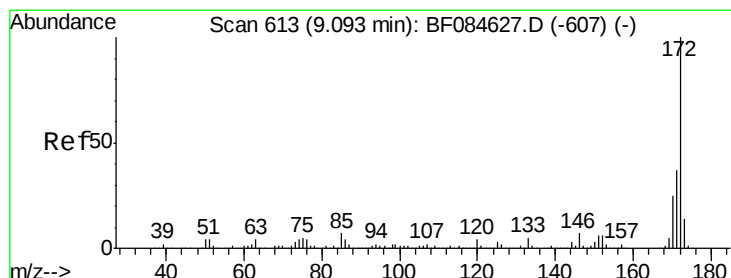
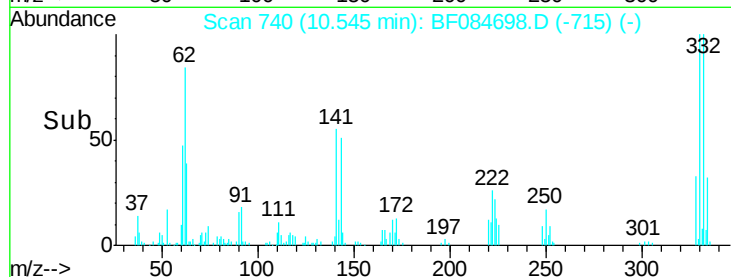
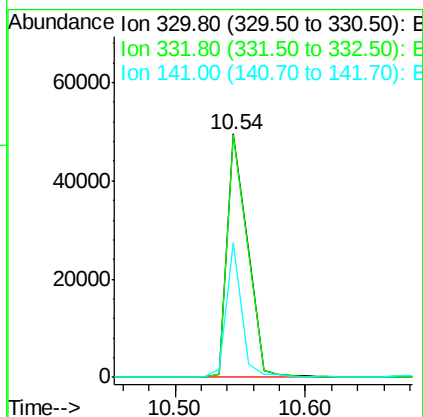
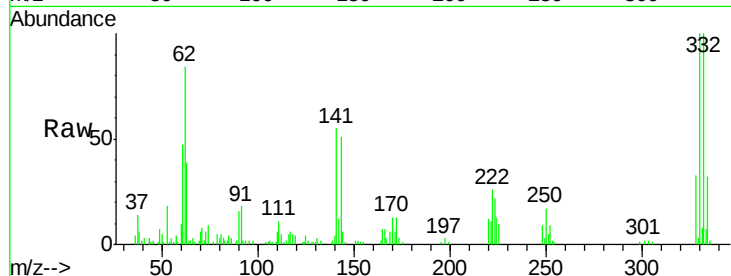




#41
 2,4,6-Tribromophenol
 Concen: 23.30 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084698.D
 Acq: 30 Jan 2016 22:12

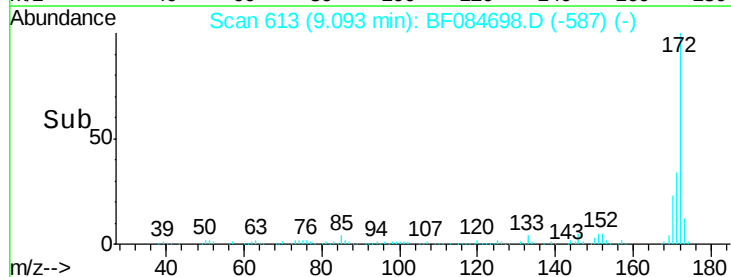
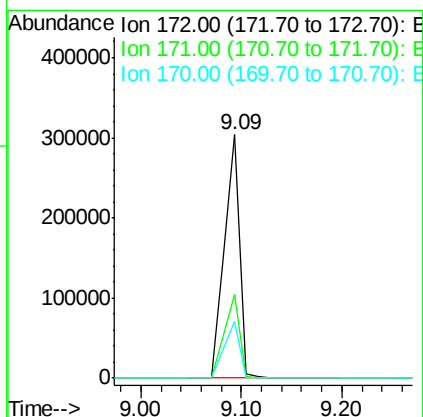
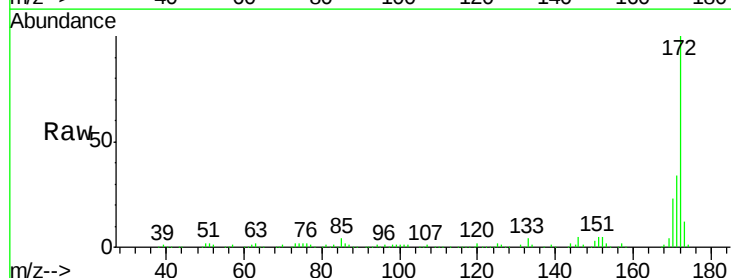
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-14

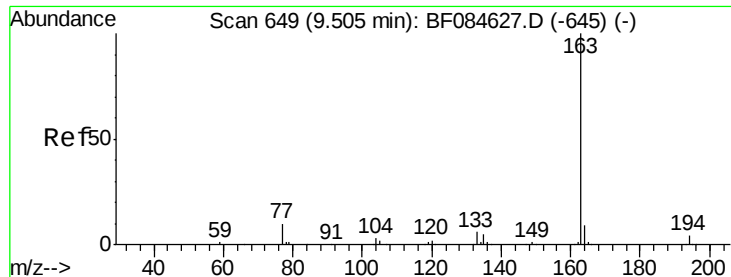
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	114.8
141	41.7	27.8	41.6#



#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	Ratio	Lower	Upper
172	100		
171	34.1	28.9	43.3
170	23.2	18.6	27.8

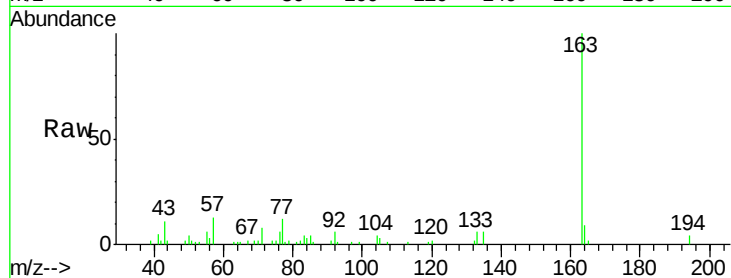




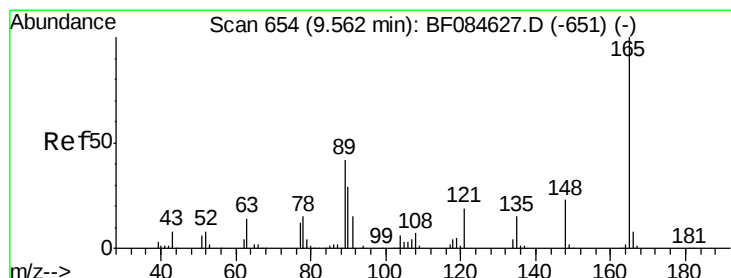
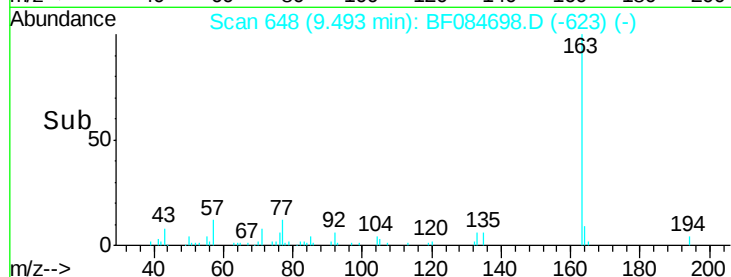
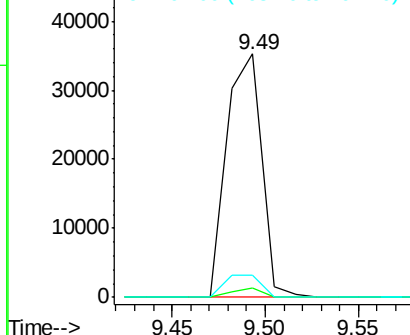
#49
Dimethylphthalate
Concen: 2.80 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084698.D
Acq: 30 Jan 2016 22:12

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-14

Tgt Ion:163 Resp: 46379
Ion Ratio Lower Upper
163 100
194 3.9 8.0 12.0#
164 9.1 8.0 12.0

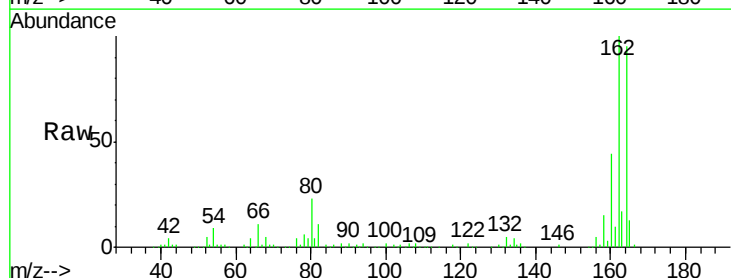


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

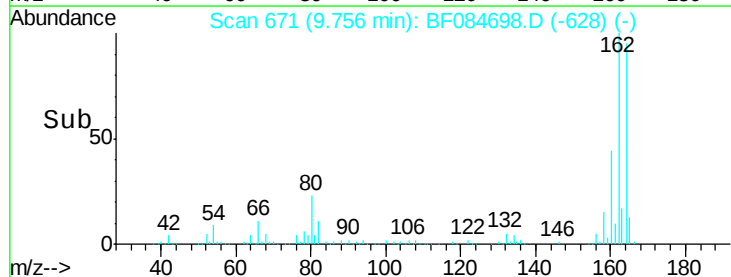
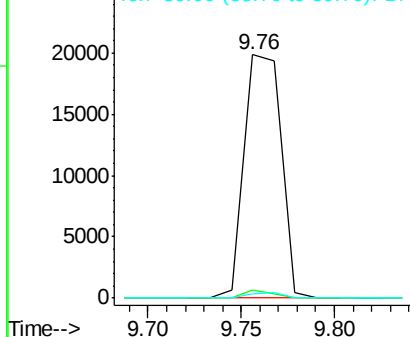


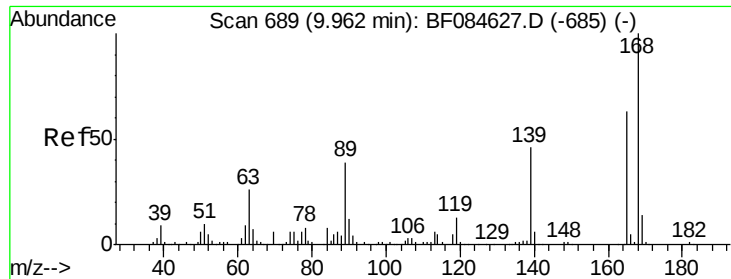
#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.19 min
Lab File: BF084698.D
Acq: 30 Jan 2016 22:12

Tgt Ion:165 Resp: 27634
Ion Ratio Lower Upper
165 100
63 3.1 28.8 43.2#
89 1.7 35.1 52.7#



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





#56

2,4-Dinitrotoluene

Concen: 5.83 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-14

Tgt Ion:165 Resp: 27634

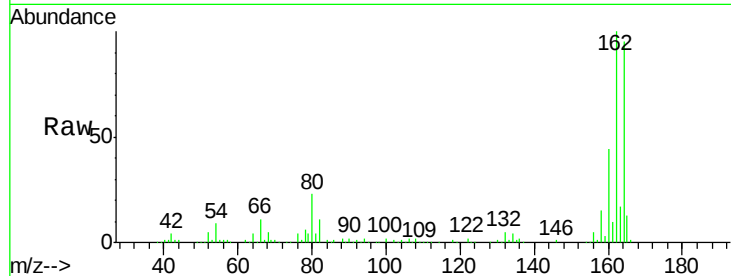
Ion Ratio Lower Upper

165 100

63 3.1 36.7 55.1#

89 1.7 61.9 92.9#

182 0.0 2.0 3.0#

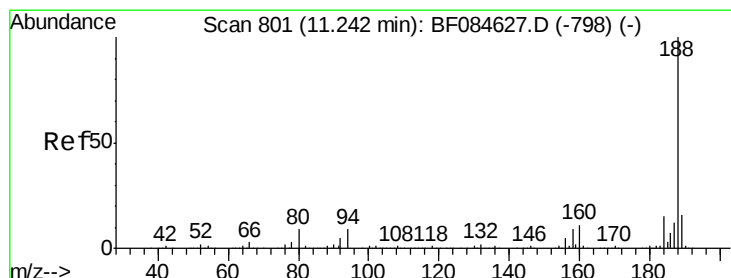
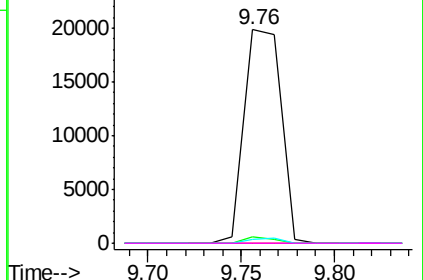
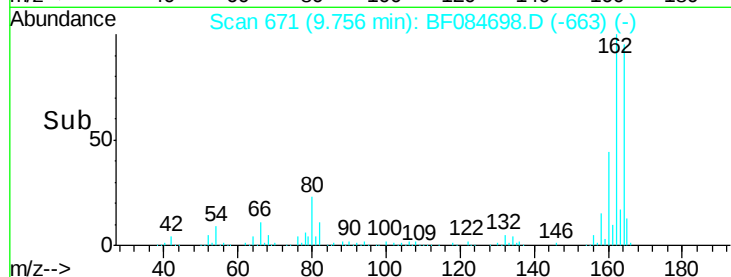


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084698.D

Acq: 30 Jan 2016 22:12

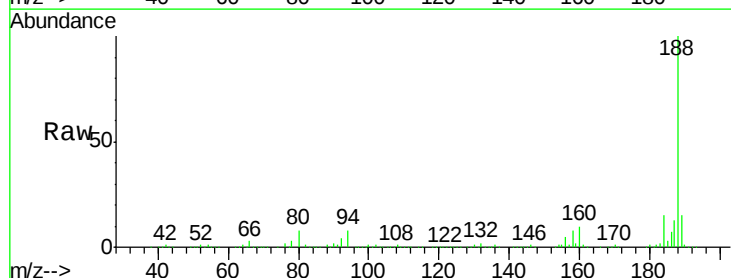
Tgt Ion:188 Resp: 365422

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

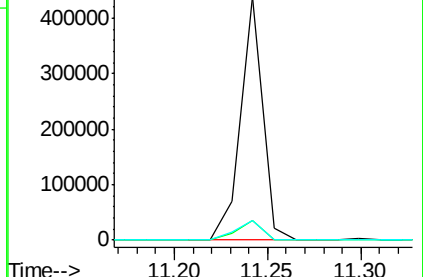
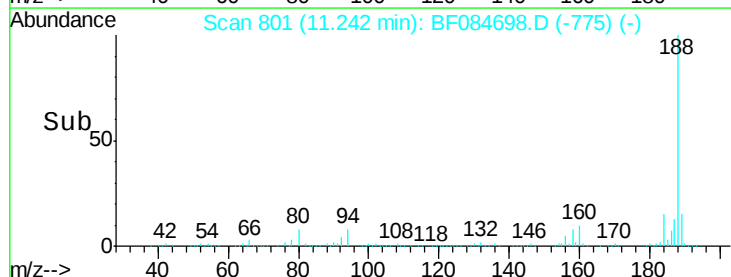
80 8.3 9.6 14.4#

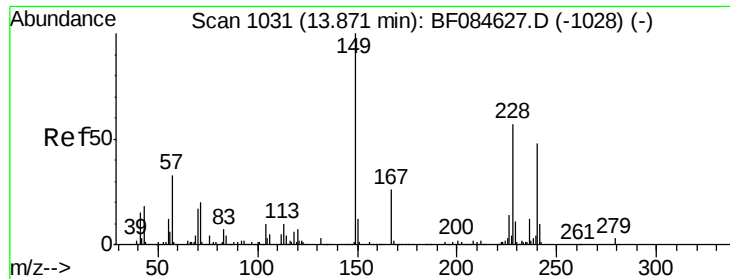


Abundance Ion 188.00 (187.70 to 188.70): E

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

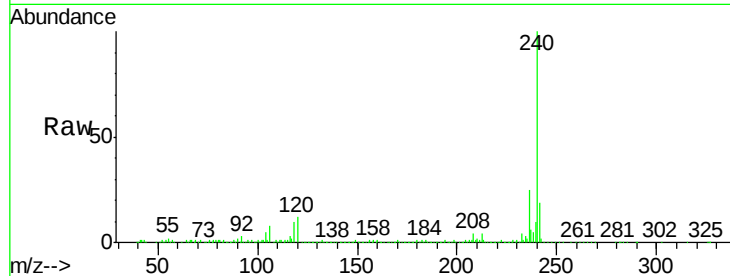
Tgt Ion:240 Resp: 366171

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

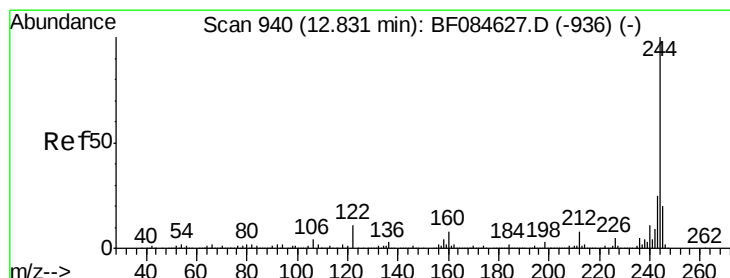
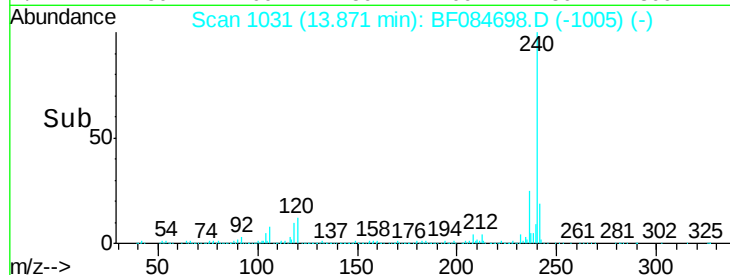
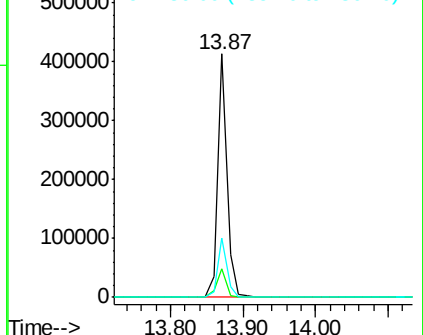
236 24.6 20.6 31.0



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

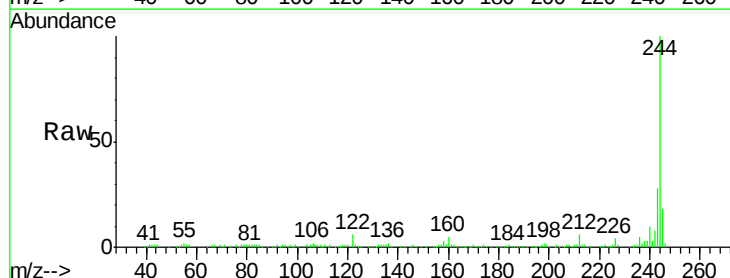
Tgt Ion:244 Resp: 227124

Ion Ratio Lower Upper

244 100

212 5.8 5.7 8.5

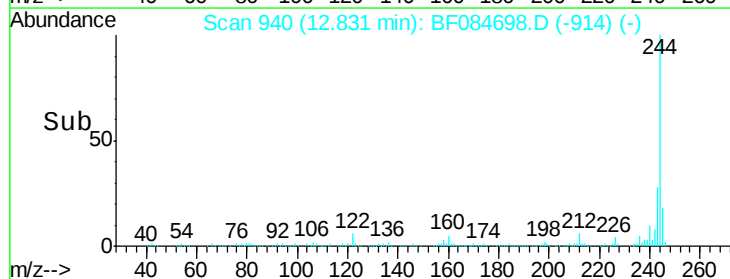
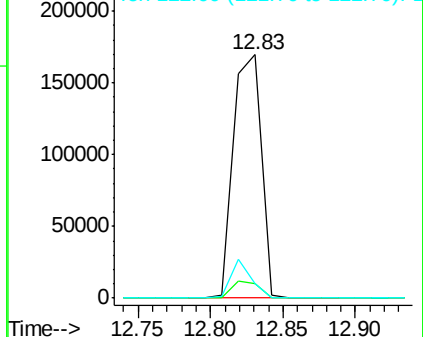
122 5.9 7.4 11.0#

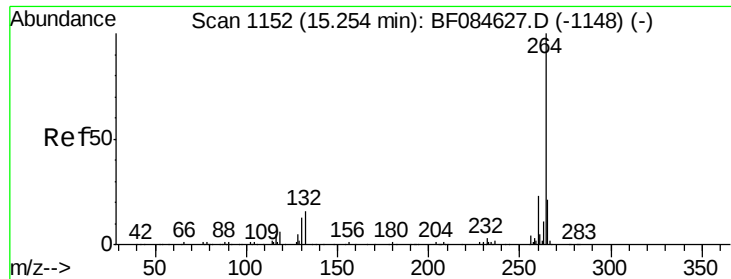


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion: 264 Resp: 366535
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.1 17.8 26.6

