

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084673.D
 Acq On : 30 Jan 2016 9:18
 Operator : SJ/IZ
 Sample : H1303-07
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM1-UST-20

Quant Time: Feb 01 01:08:29 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

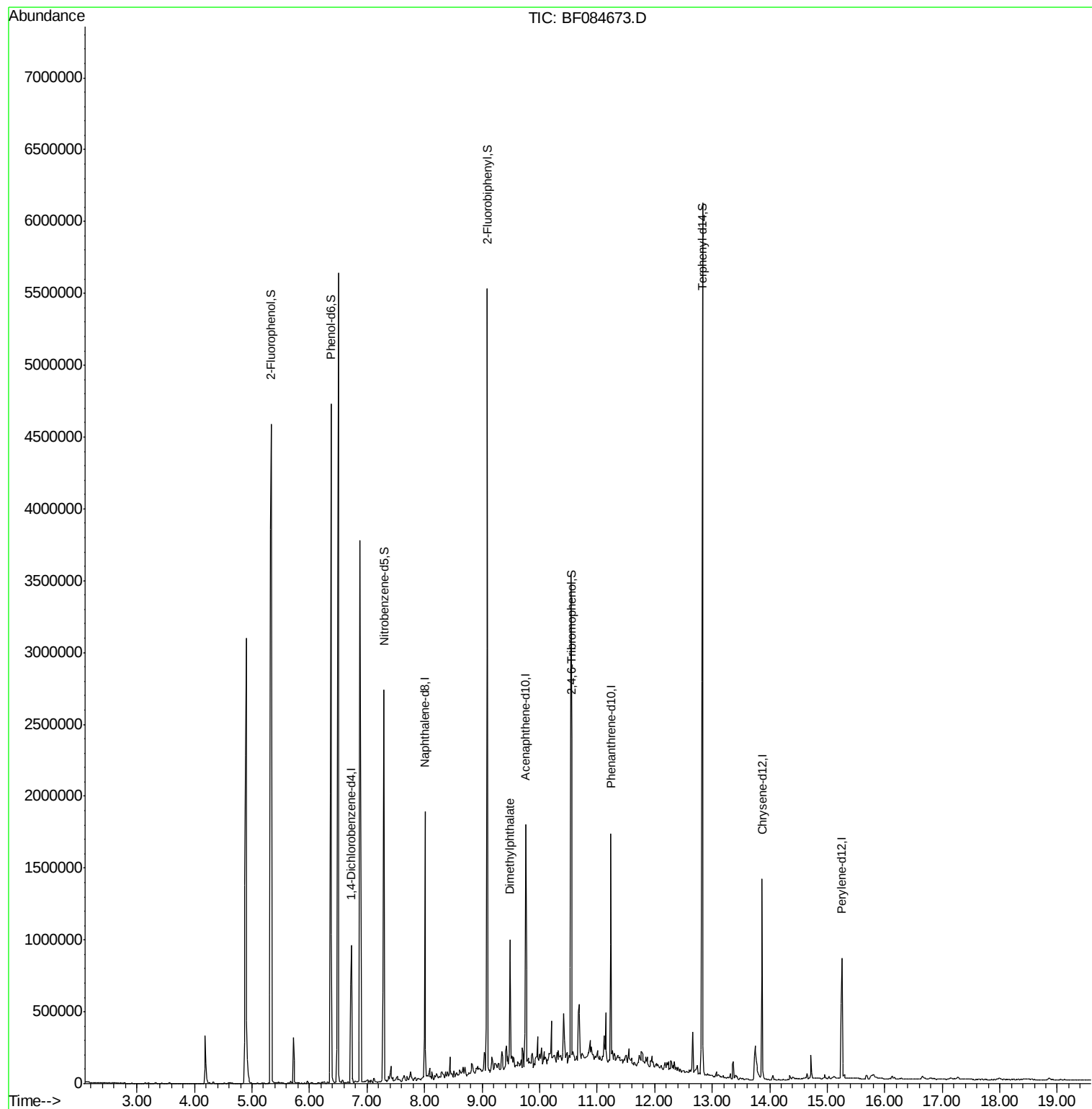
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185168	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	770344	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	344072	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	681752	20.00	ng	0.00
75) Chrysene-d12	13.87	240	546392	20.00	ng	0.00
86) Perylene-d12	15.25	264	391011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1765295	143.91	ng	0.02
7) Phenol-d6	6.37	99	1854692	126.15	ng	0.00
23) Nitrobenzene-d5	7.30	82	1405921	101.99	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	599014	166.11	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1983677	85.69	ng	0.00
78) Terphenyl-d14	12.83	244	1992013	82.34	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	430481	16.67	ng	# 89

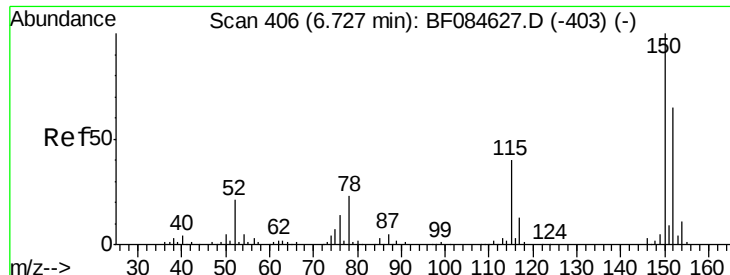
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084673.D

Acq: 30 Jan 2016 9:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM1-UST-20

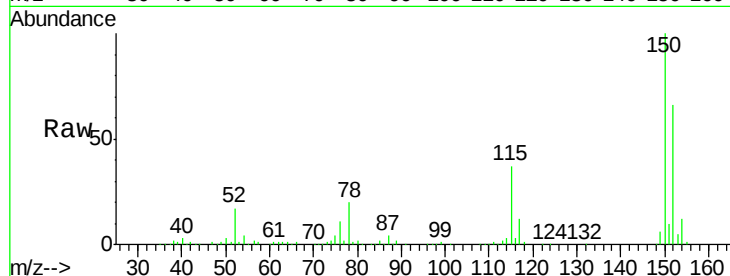
Tot Ion:152 Resp: 185168

Ion Ratio Lower Upper

152 100

150 152.5 123.0 184.4

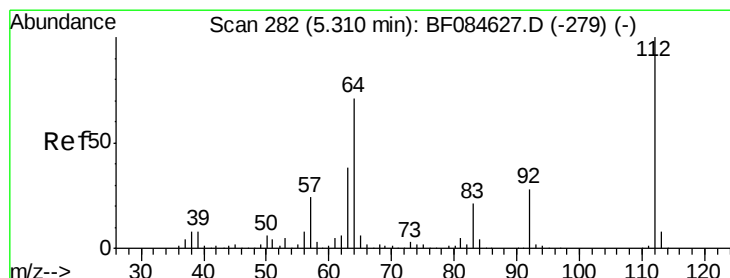
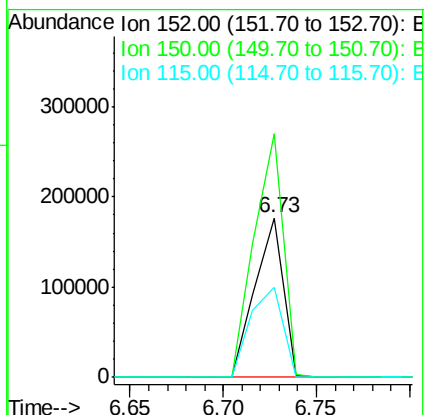
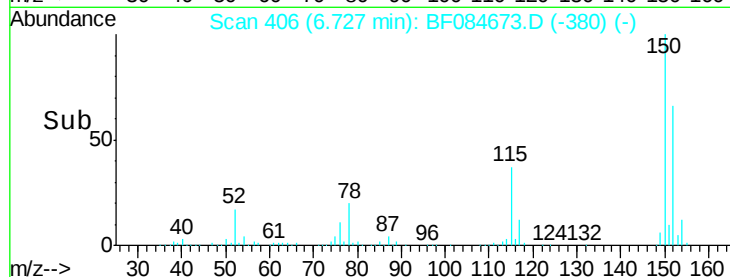
115 56.5 51.4 77.2



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: 143.91 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

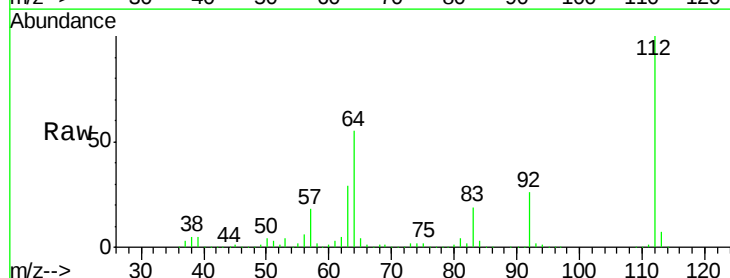
Tgt Ion:112 Resp: 1765295

Ion Ratio Lower Upper

112 100

64 55.5 36.6 55.0#

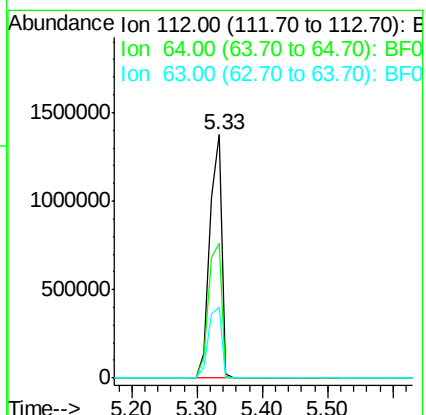
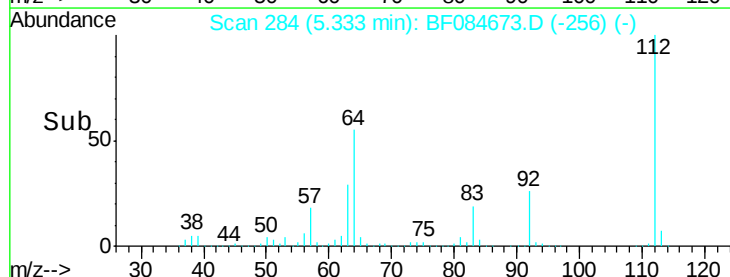
63 29.1 19.4 29.0#

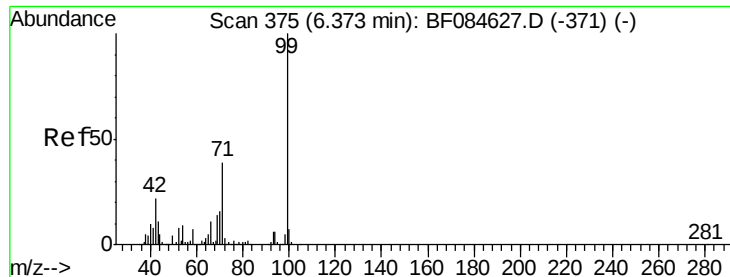


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.15 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

Instrument :

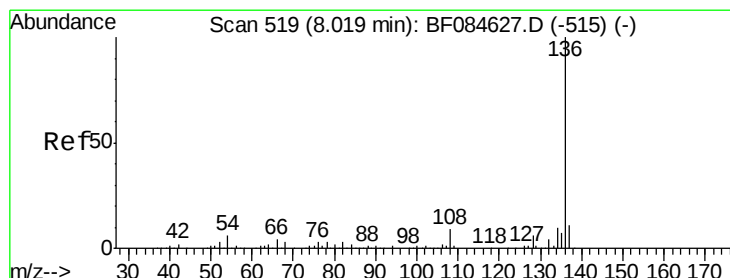
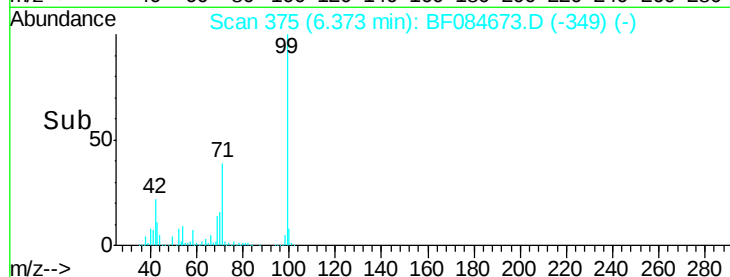
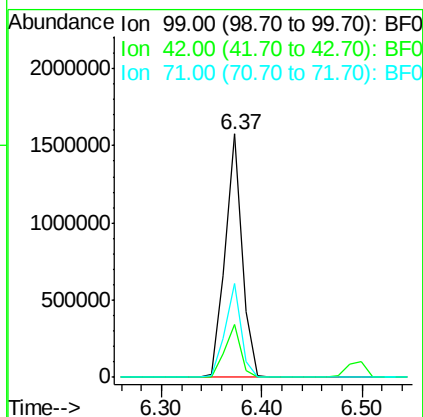
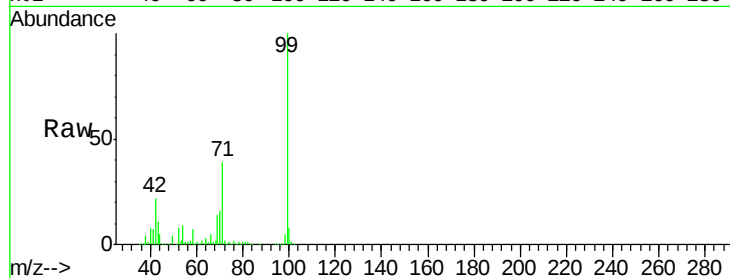
BNA_F

ClientSampleId :

BOTTOM1-UST-20

Tot Ion: 99 Resp: 1854692

Ion	Ratio	Lower	Upper
99	100		
42	21.6	12.8	19.2#
71	38.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

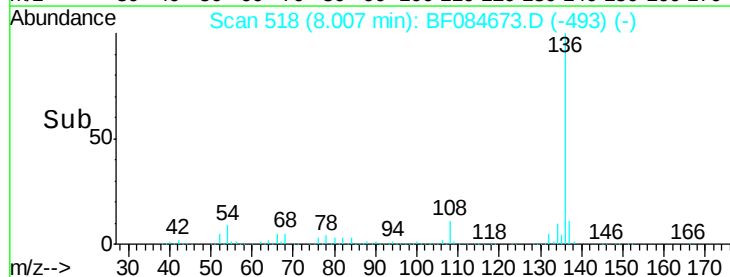
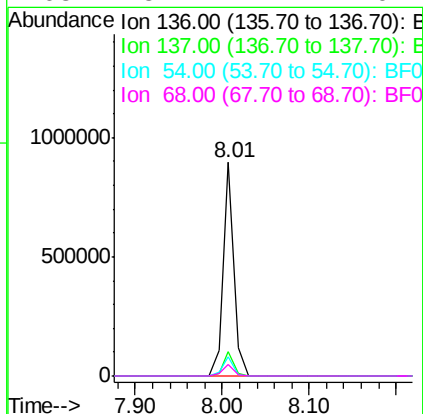
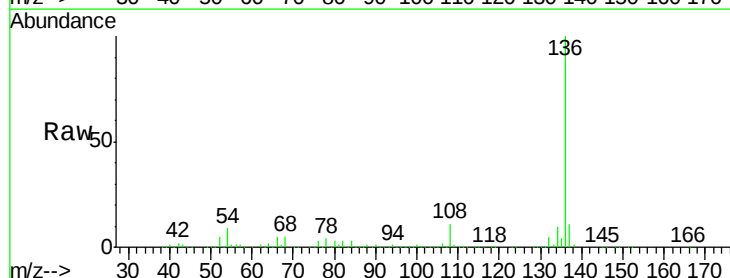
Delta R.T. -0.01 min

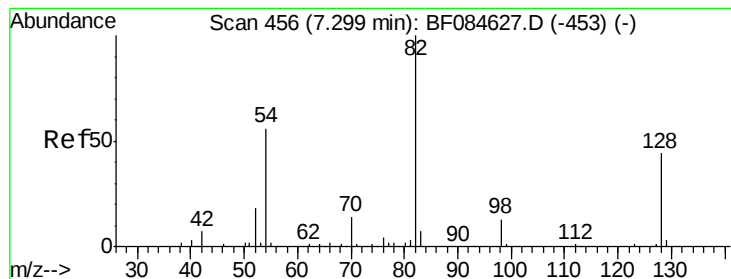
Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

Tgt Ion: 136 Resp: 770344

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.1	5.8	8.8#
68	5.2	4.2	6.2





#23

Nitrobenzene-d5

Concen: 101.99 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM1-UST-20

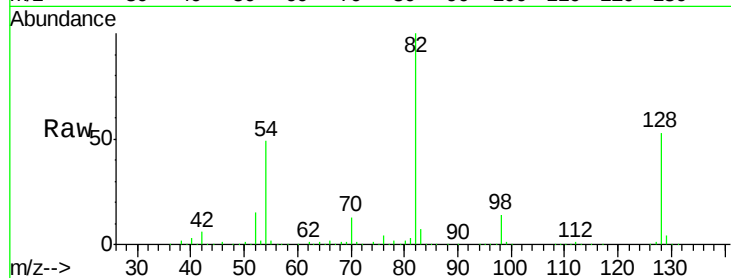
Tot Ion: 82 Resp: 1405921

Ion Ratio Lower Upper

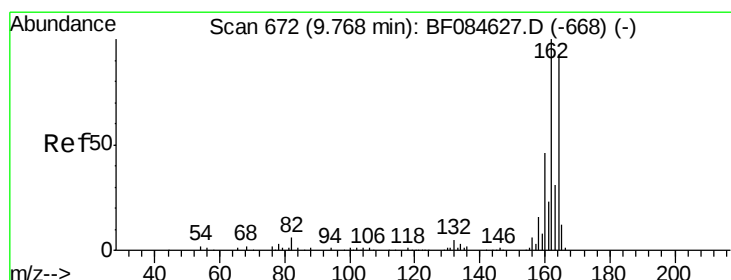
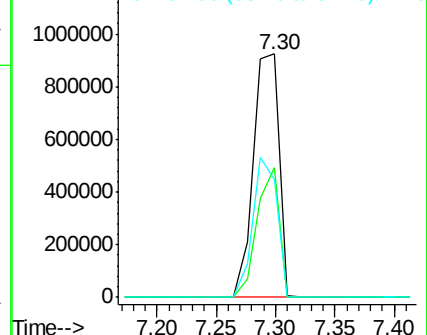
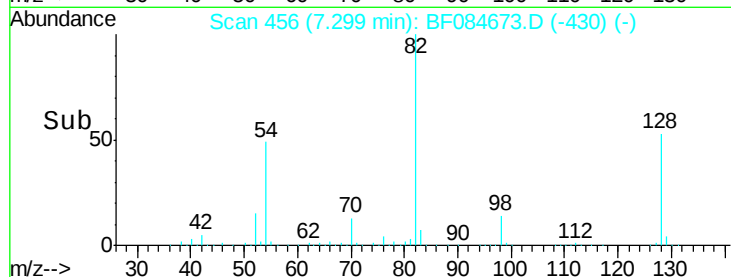
82 100

128 53.5 34.6 51.8#

54 48.7 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
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: BF084673.D

Acq: 30 Jan 2016 9:18

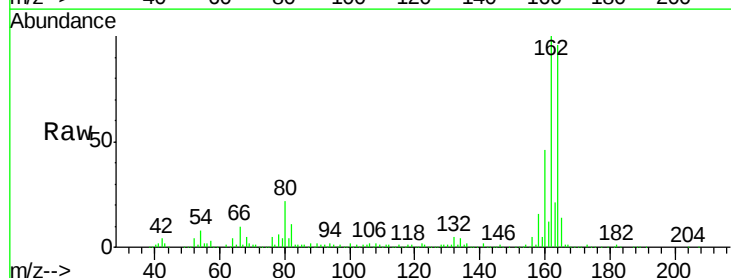
Tgt Ion:164 Resp: 344072

Ion Ratio Lower Upper

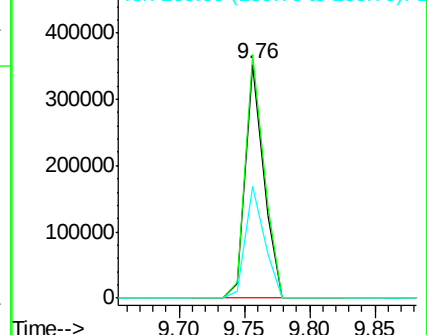
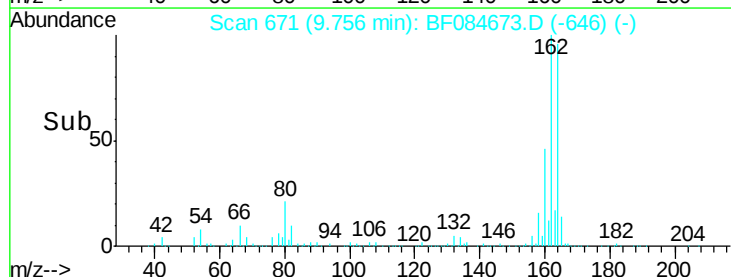
164 100

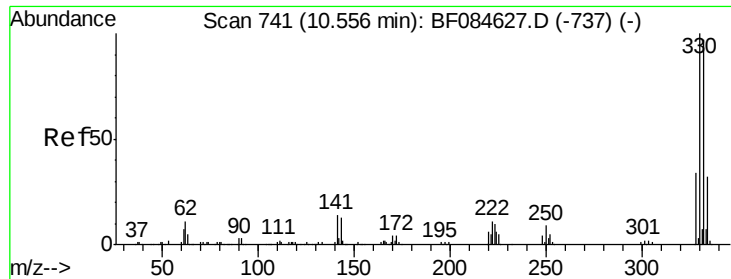
162 104.1 85.1 127.7

160 48.0 37.5 56.3



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

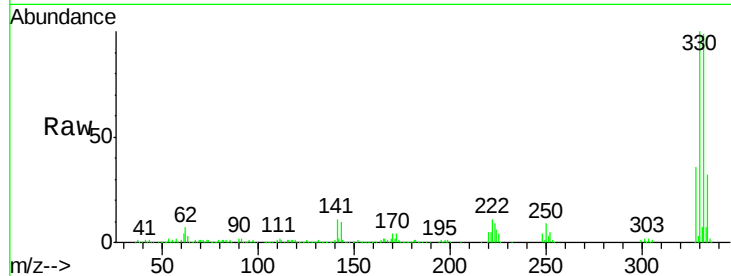




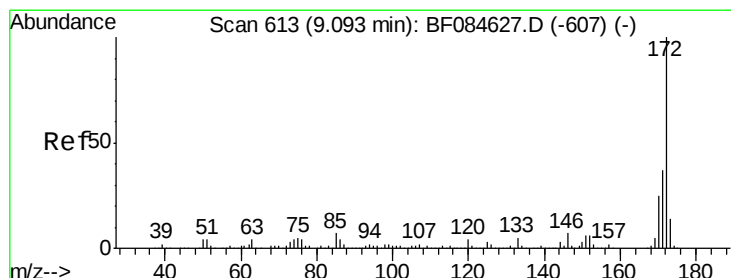
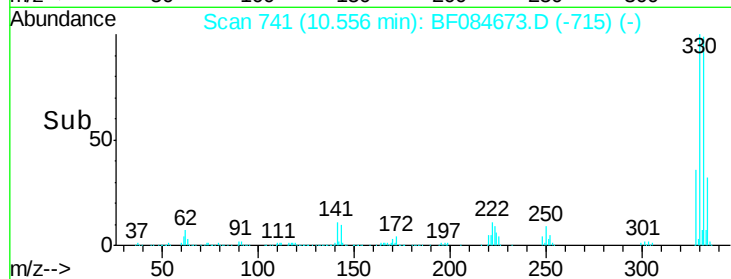
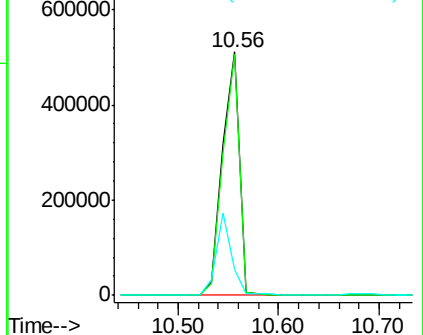
#41
 2,4,6-Tribromophenol
 Concen: 166.11 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM1-UST-20

Tot Ion:330 Resp: 599014
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 30.3 27.8 41.6

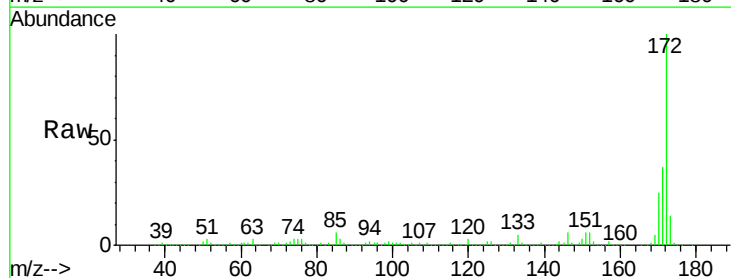


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

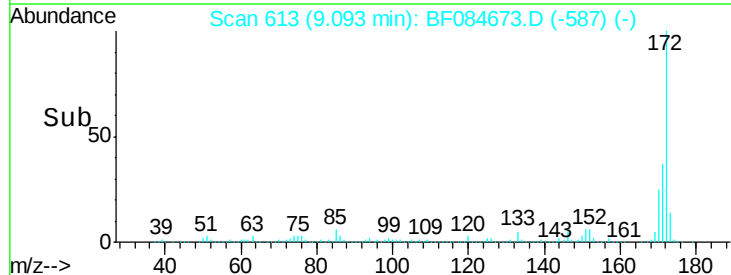
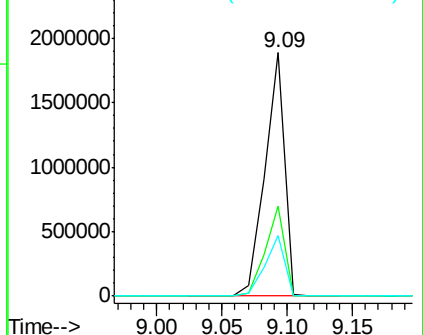


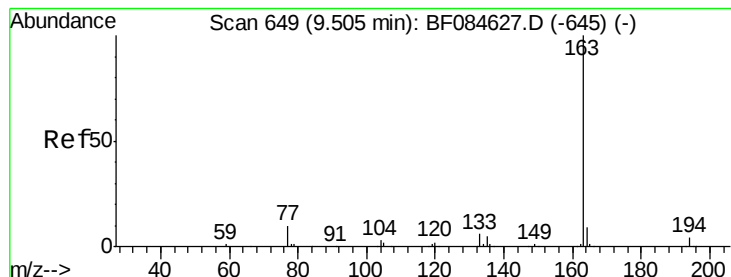
#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

Tgt Ion:172 Resp: 1983677
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.1 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: 16.67 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

Instrument :

BNA_F

ClientSampleId :

BOTTOM1-UST-20

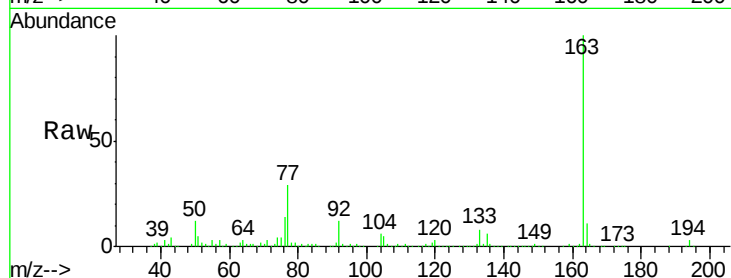
Tot Ion:163 Resp: 430481

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

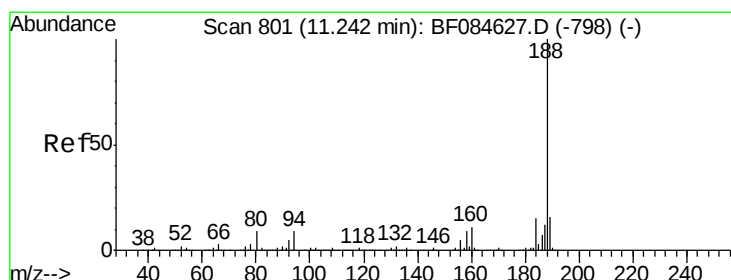
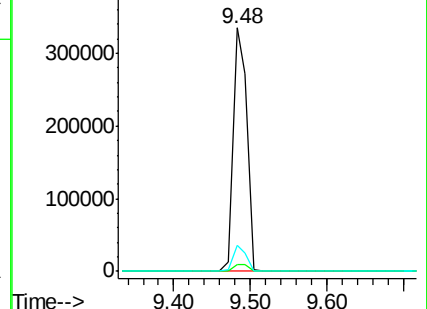
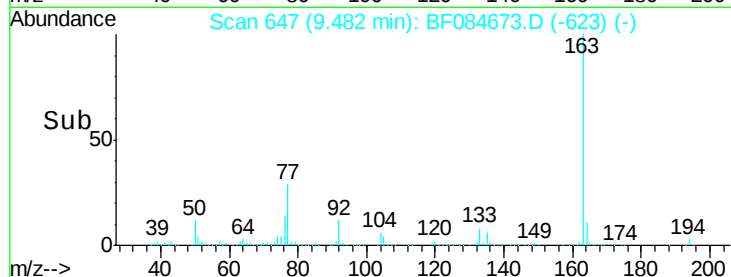
164 10.8 8.0 12.0



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: BF084673.D

Acq: 30 Jan 2016 9:18

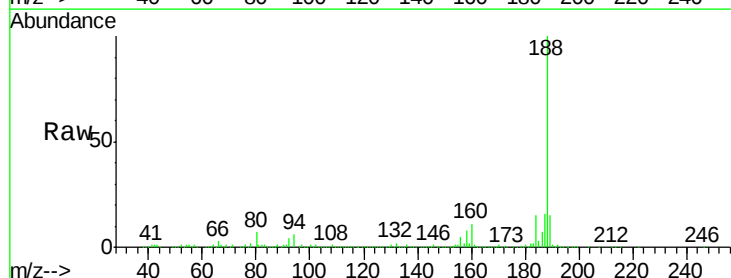
Tgt Ion:188 Resp: 681752

Ion Ratio Lower Upper

188 100

94 6.4 9.0 13.4#

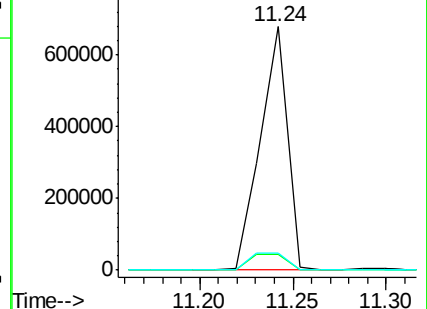
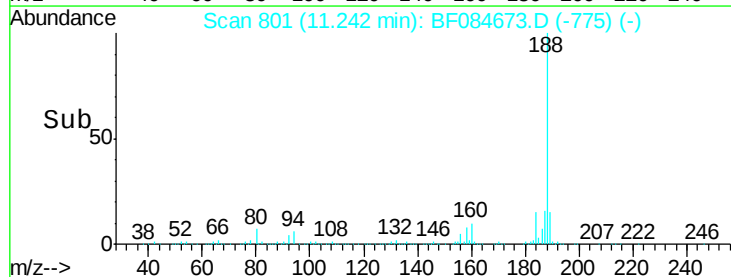
80 6.9 9.6 14.4#

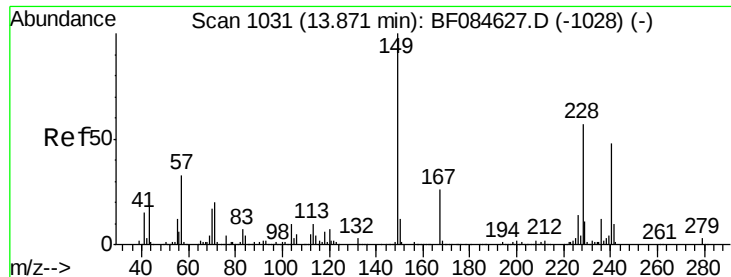


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084673.D

Acq: 30 Jan 2016 9:18

Instrument :

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ClientSampleId :

BOTTOM1-UST-20

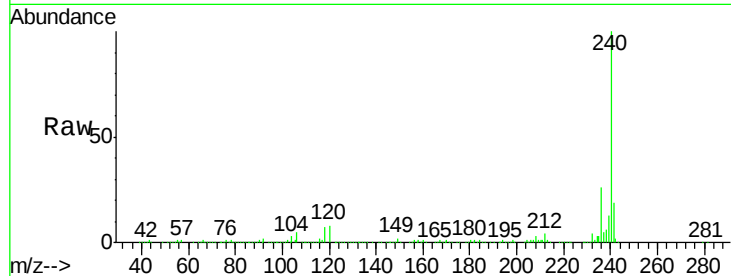
Tot Ion:240 Resp: 546392

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

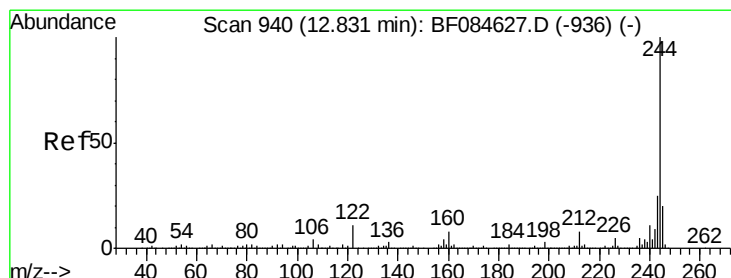
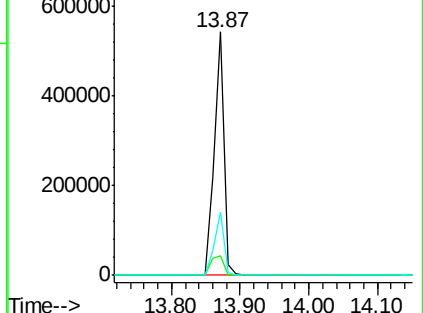
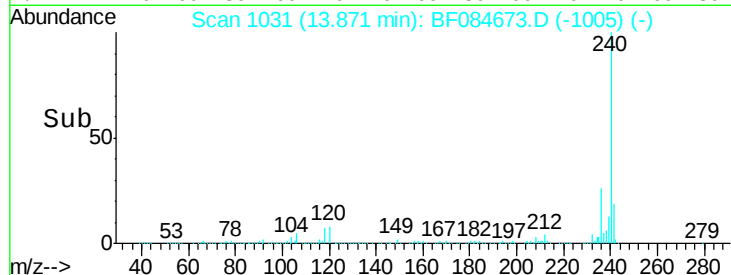
236 25.8 20.6 31.0



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: 82.34 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

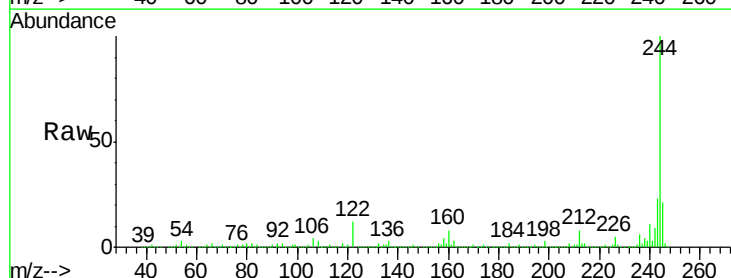
Tgt Ion:244 Resp: 1992013

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

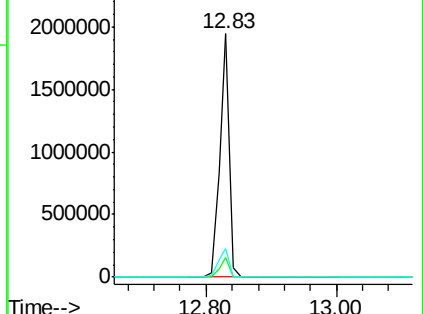
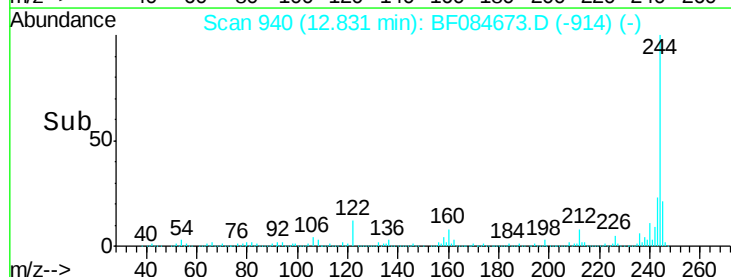
122 11.9 7.4 11.0#

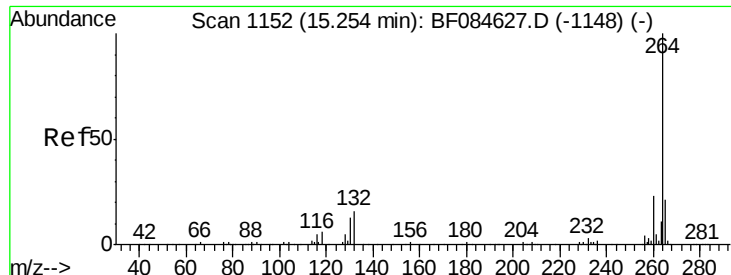


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

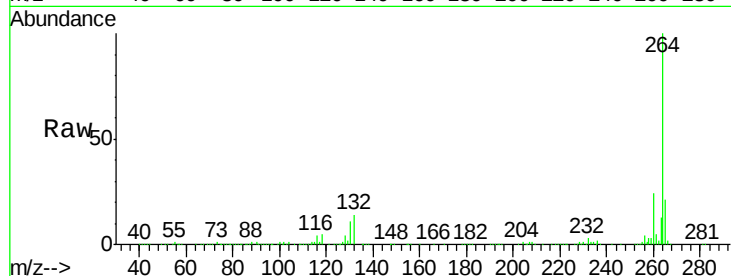




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084673.D
Acq: 30 Jan 2016 9:18

Instrument :
BNA_F
ClientSampleId :
BOTTOM1-UST-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.6	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

