

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 00:22:19 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

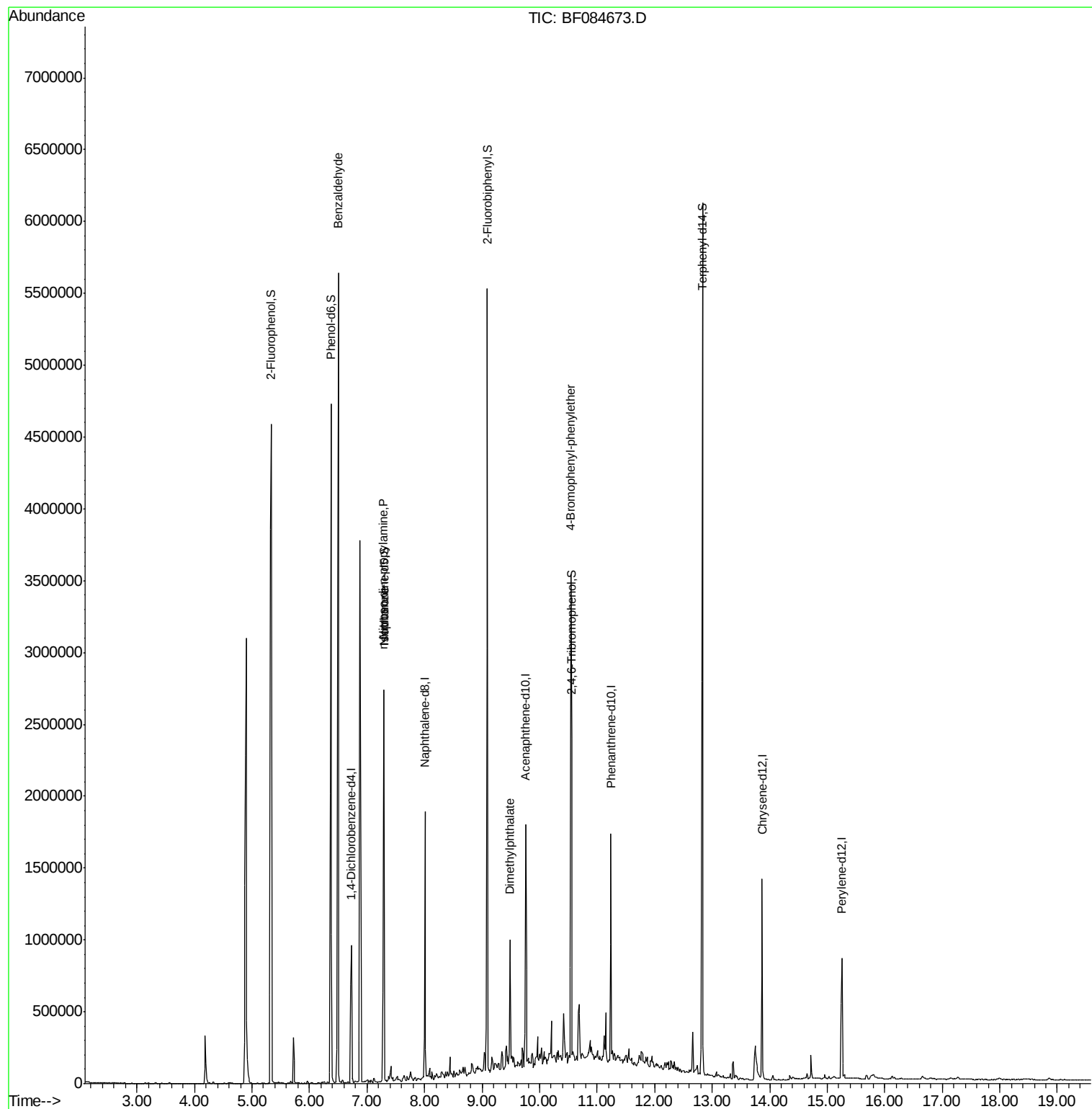
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185168	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	770344	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	344072	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	681752	20.00	ng	0.00
75) Chrysene-d12	13.87	240	546392	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						
9) Benzaldehyde	6.50	77	43812	5.15	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.29	70	196708	21.90	ng	# 71
25) Isophorone	7.30	82	1257452	48.69	ng	# 66
49) Dimethylphthalate	9.48	163	430481	16.67	ng	# 89
66) 4-Bromophenyl-phenylether	10.54	248	35230	4.59	ng	# 1

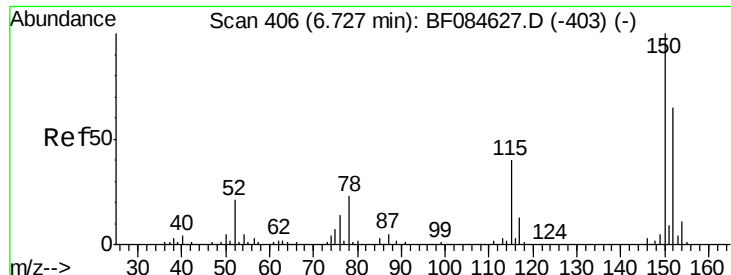
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084673.D

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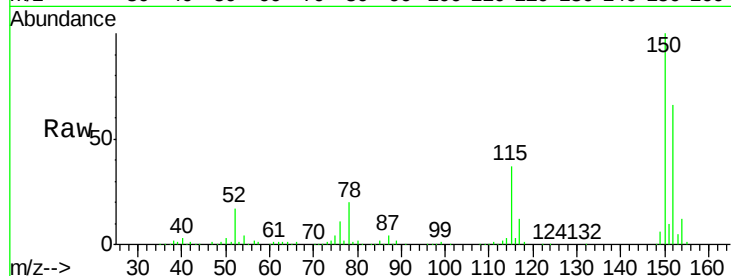
Tgt Ion:152 Resp: 185168

Ion Ratio Lower Upper

152 100

150 152.5 123.0 184.4

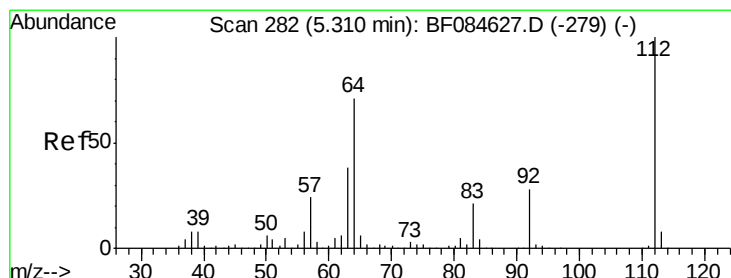
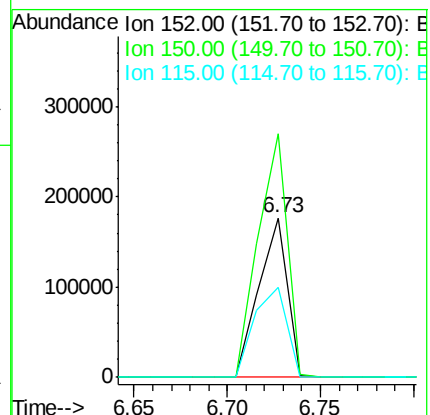
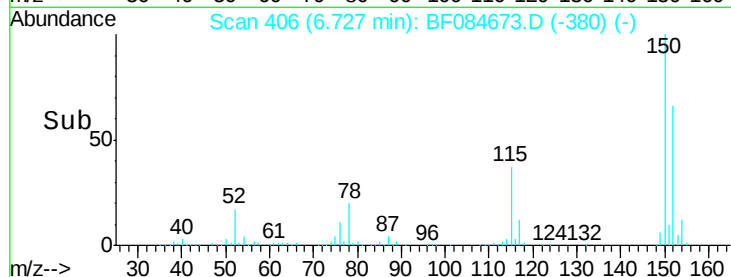
115 56.5 51.4 77.2



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

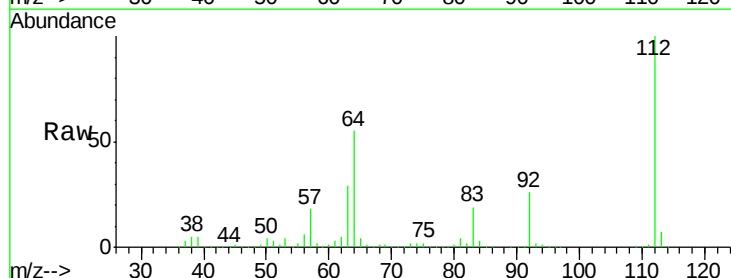
Tgt Ion:112 Resp: 1765295

Ion Ratio Lower Upper

112 100

64 55.5 36.6 55.0#

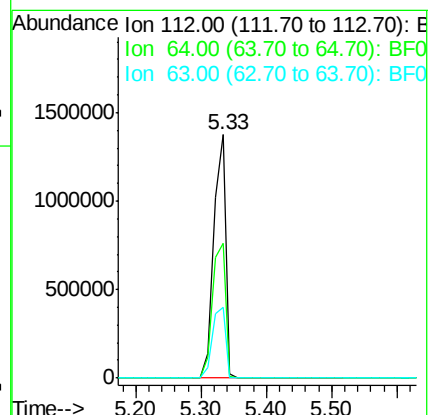
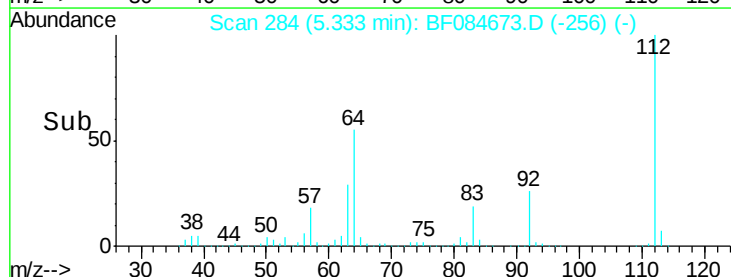
63 29.1 19.4 29.0#

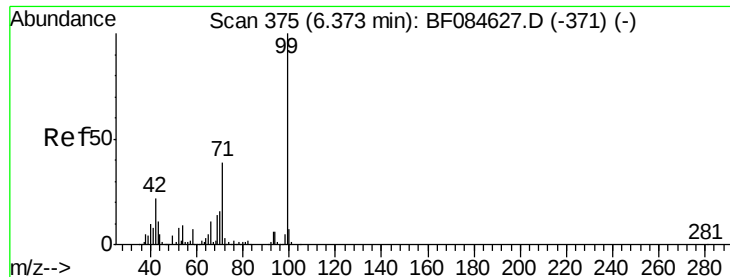


Abundance Ion 112.00 (111.70 to 112.70): E

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

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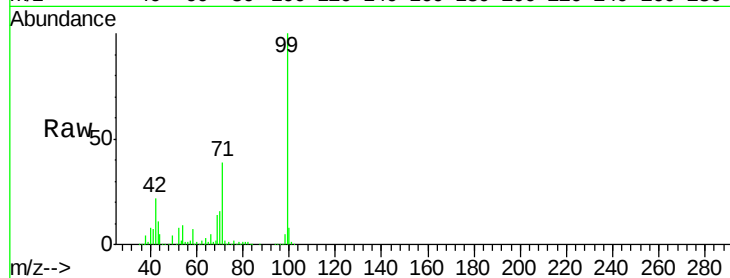
Tgt Ion: 99 Resp: 1854692

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

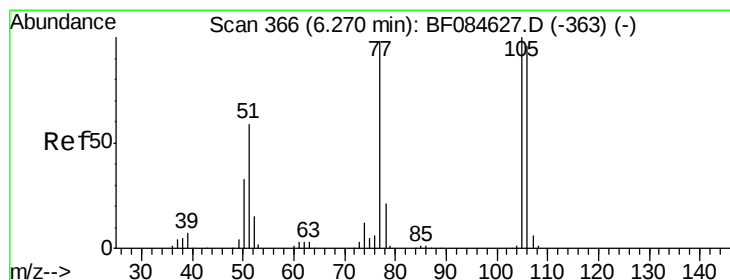
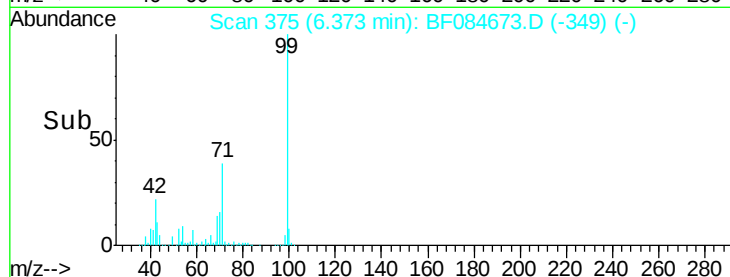
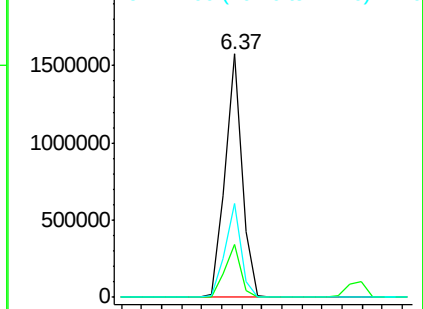
71 38.7 30.9 46.3



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: 5.15 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.23 min

Lab File: BF084673.D

Acq: 30 Jan 2016 9:18

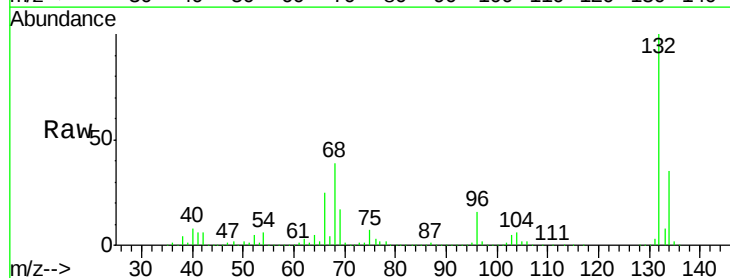
Tgt Ion: 77 Resp: 43812

Ion Ratio Lower Upper

77 100

105 84.0 83.0 123.0

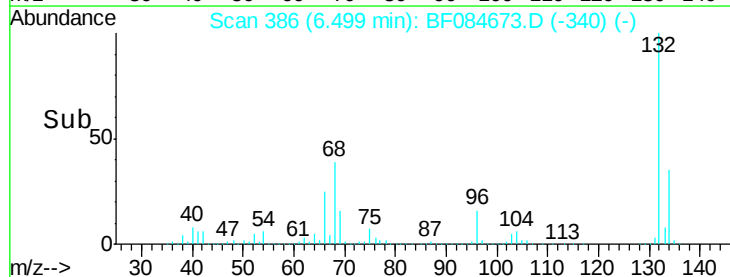
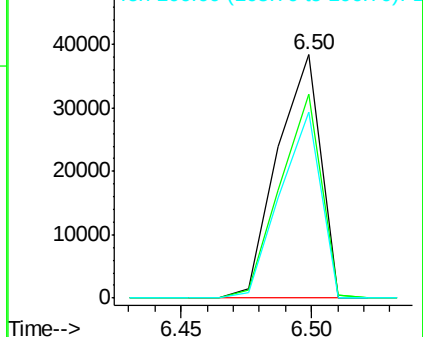
106 76.4 74.6 114.6

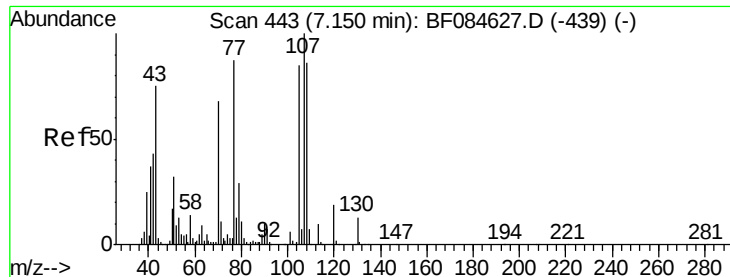


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

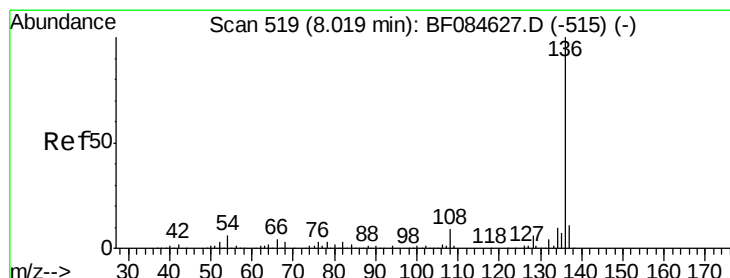
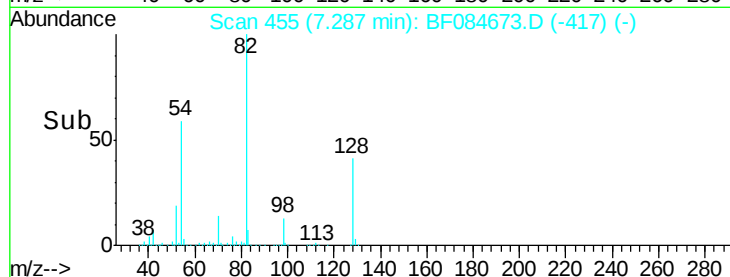
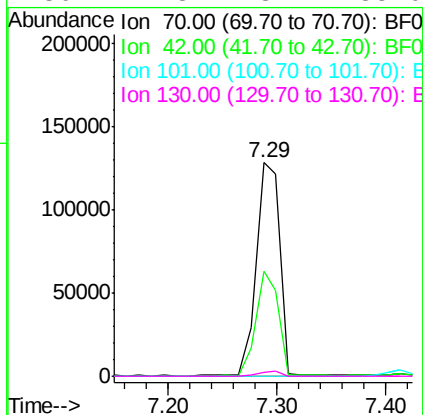
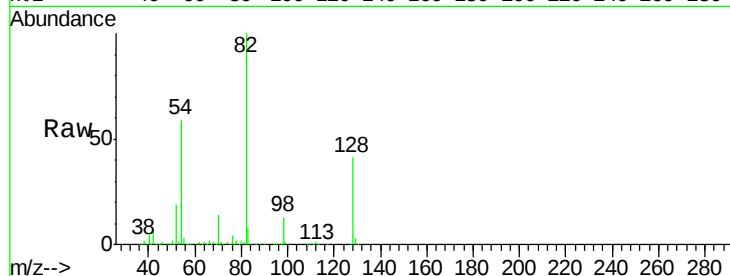




#19
n-Nitroso-di-n-propylamine
Concen: 21.90 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084673.D
Acq: 30 Jan 2016 9:18

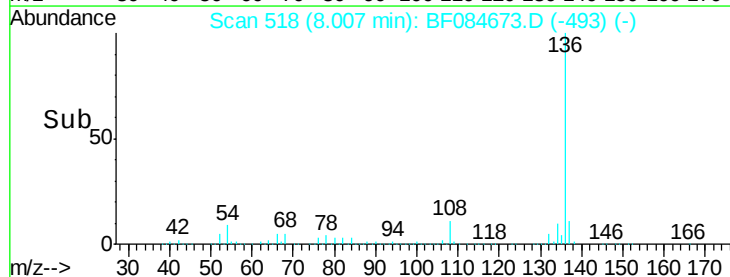
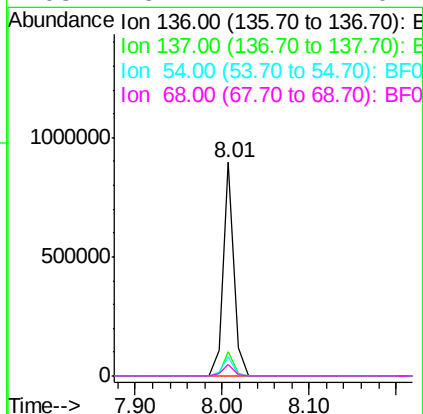
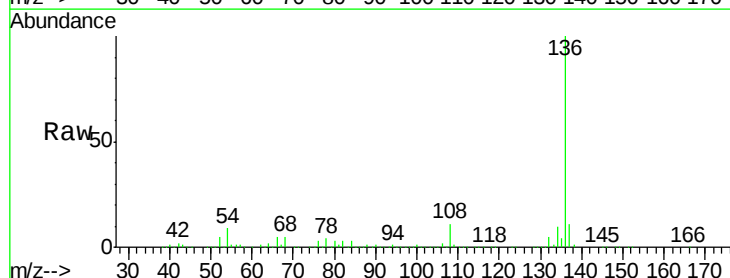
Instrument :
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BOTTOM1-UST-20

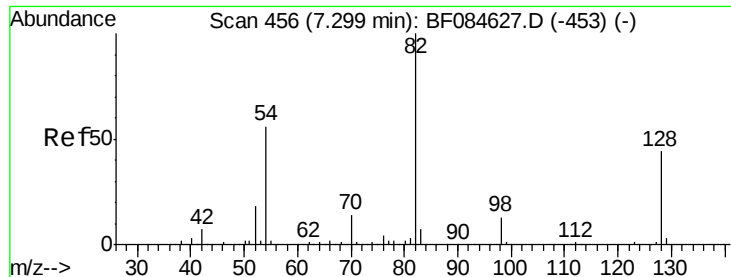
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.4	33.3	49.9
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084673.D
Acq: 30 Jan 2016 9:18

Tgt 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

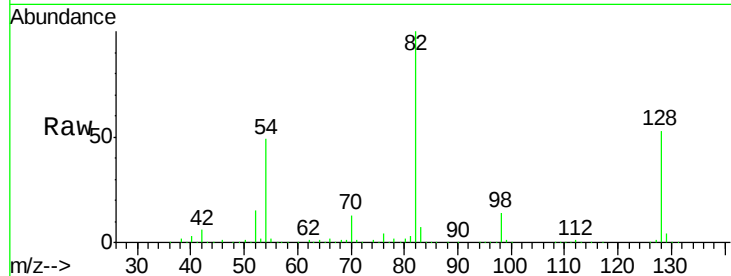




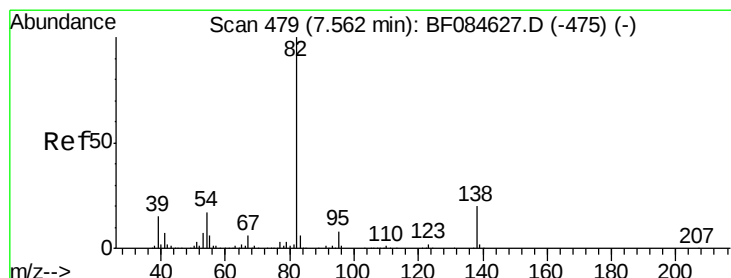
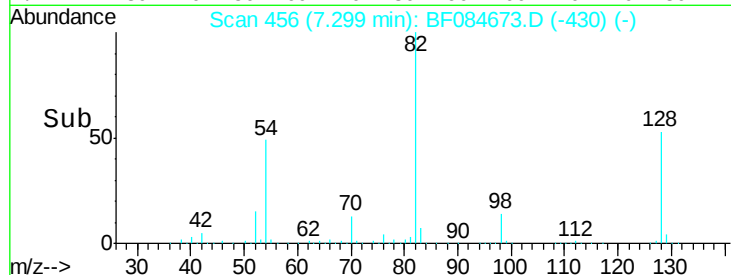
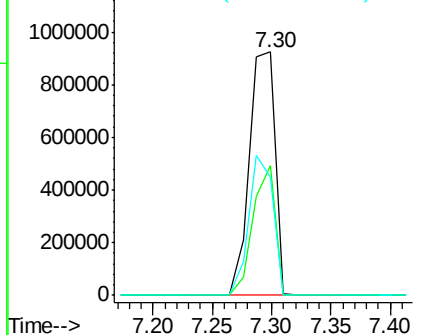
#23
 Nitrobenzene-d5
 Concen: 101.99 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM1-UST-20

Tgt Ion: 82 Resp: 1405921
 Ion Ratio Lower Upper
 82 100
 128 53.5 34.6 51.8#
 54 48.7 38.4 57.6

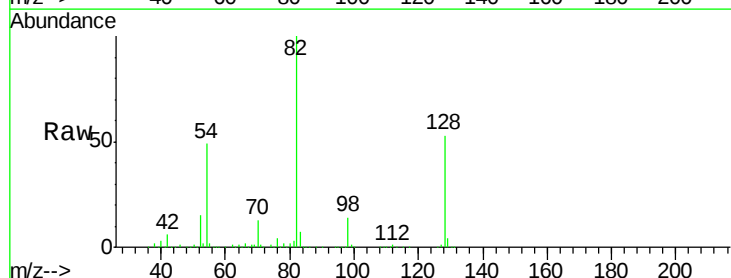


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

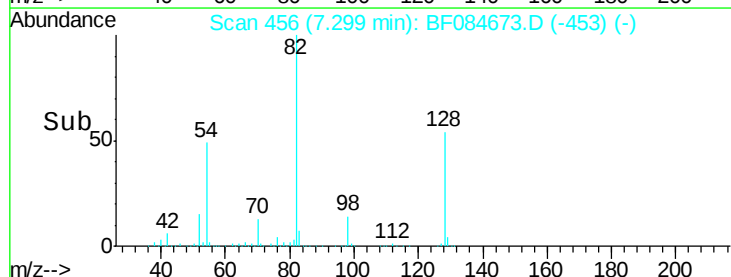
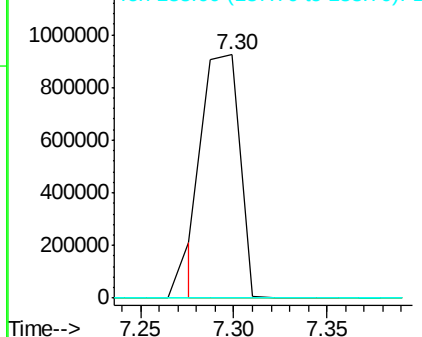


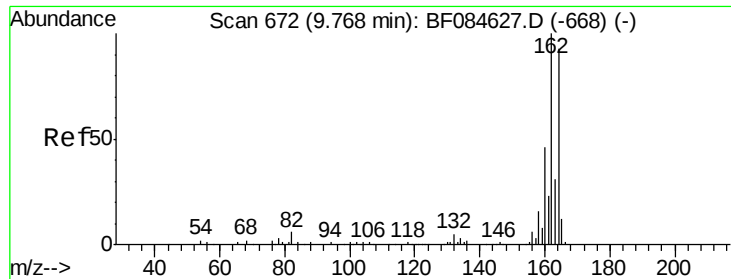
#25
 Isophorone
 Concen: 48.69 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.26 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

Tgt Ion: 82 Resp: 1257452
 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): 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

Instrument :

BNA_F

ClientSampleId :

BOTTOM1-UST-20

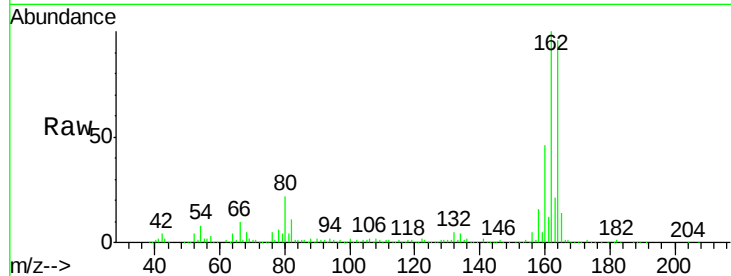
Tgt Ion:164 Resp: 344072

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

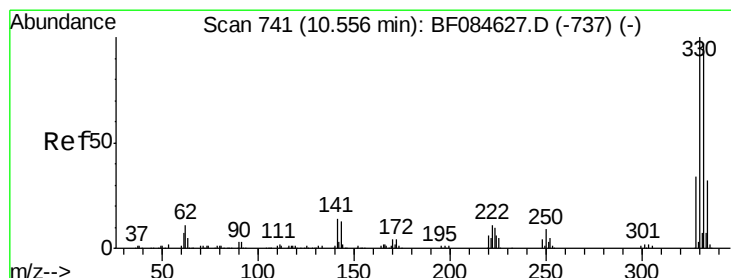
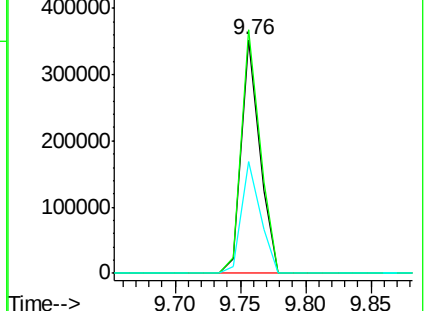
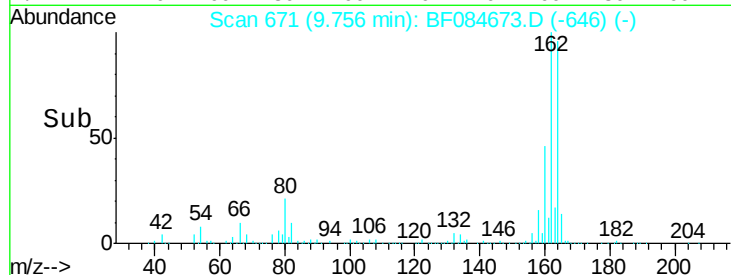
160 48.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

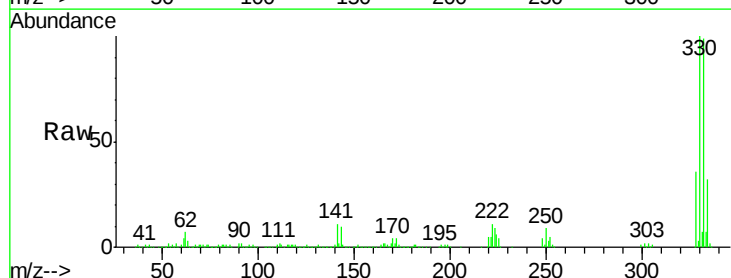
Tgt Ion:330 Resp: 599014

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

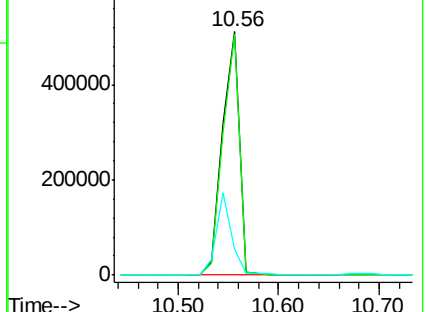
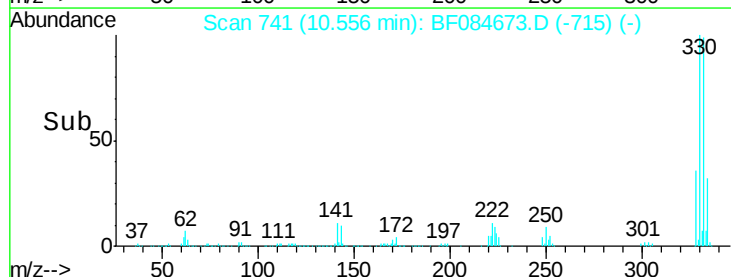
141 30.3 27.8 41.6

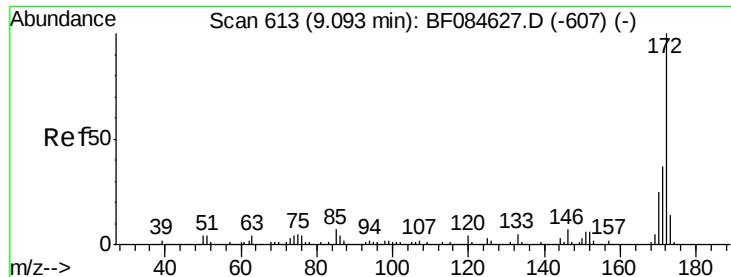


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

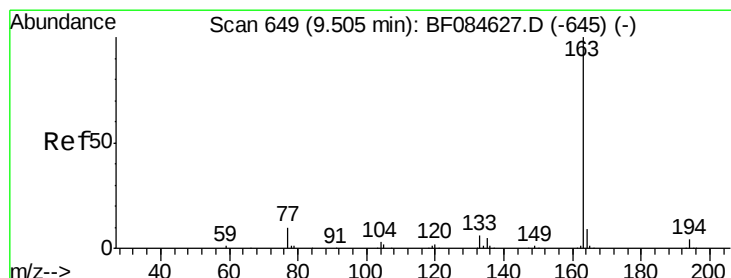
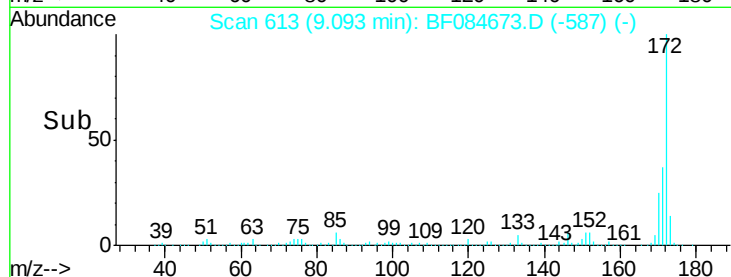
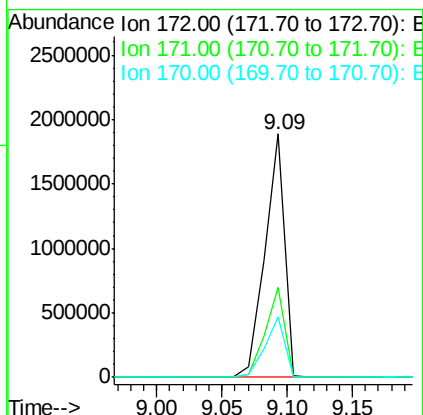
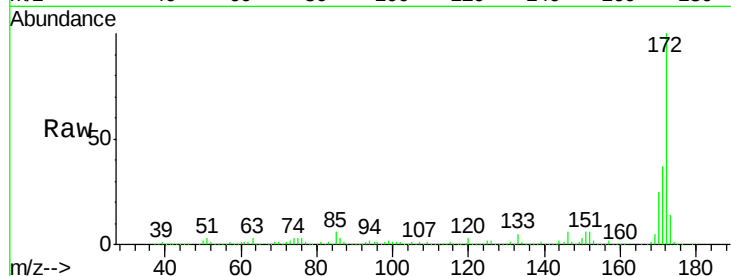




#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

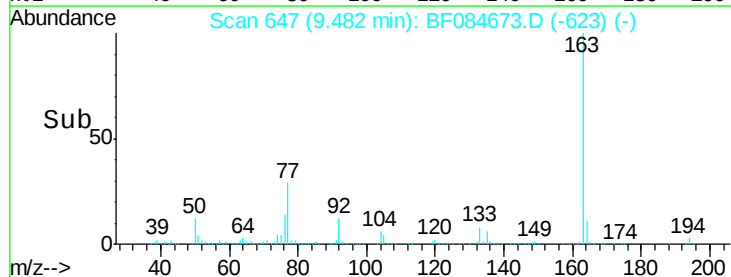
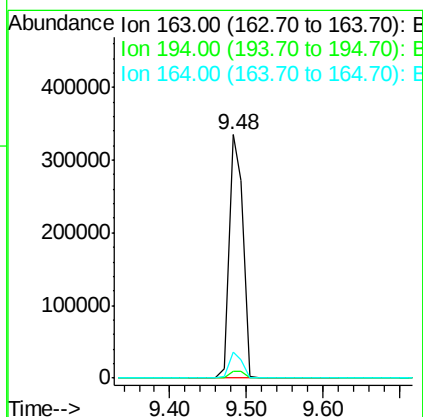
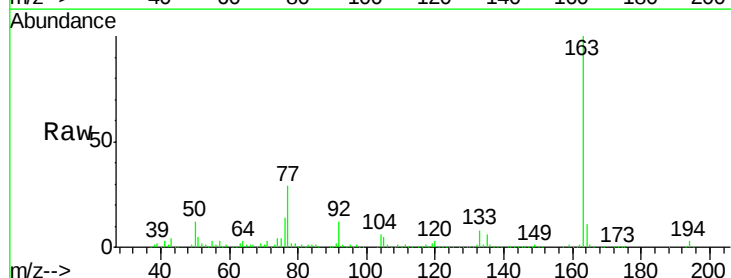
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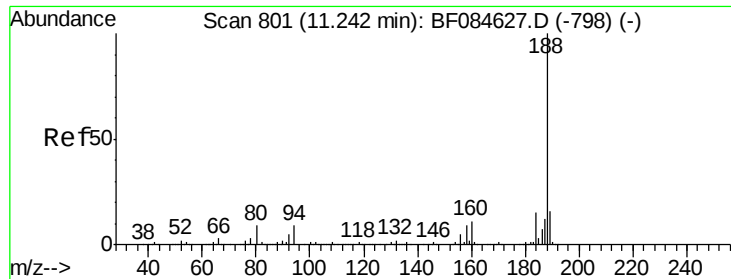
Tgt Ion:172 Resp: 1983677
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.1 18.6 27.8



#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

Tgt Ion:163 Resp: 430481
 Ion Ratio Lower Upper
 163 100
 194 2.9 8.0 12.0#
 164 10.8 8.0 12.0

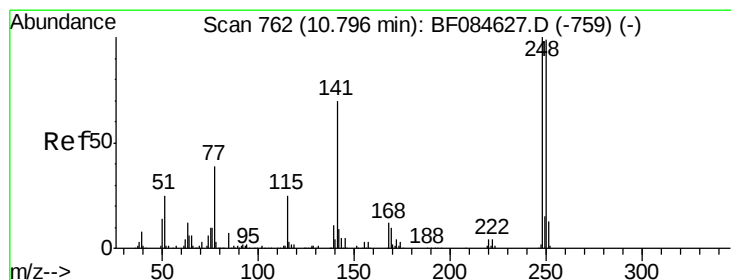
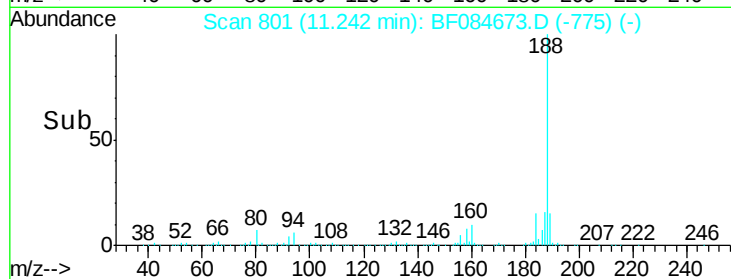
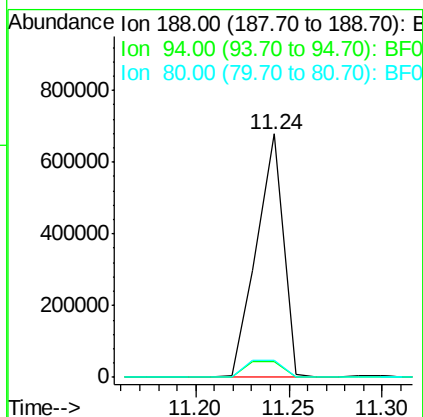
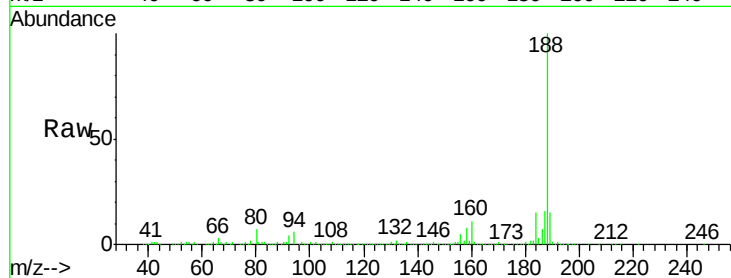




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

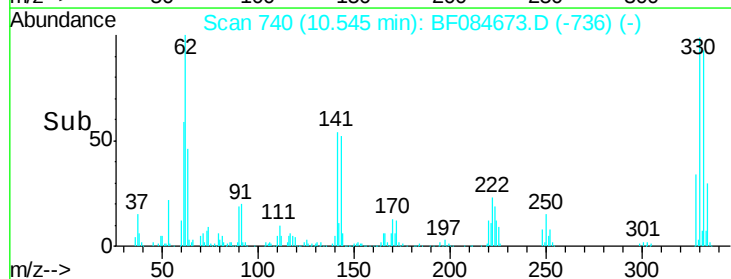
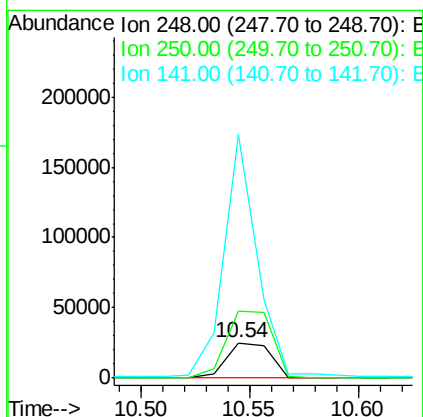
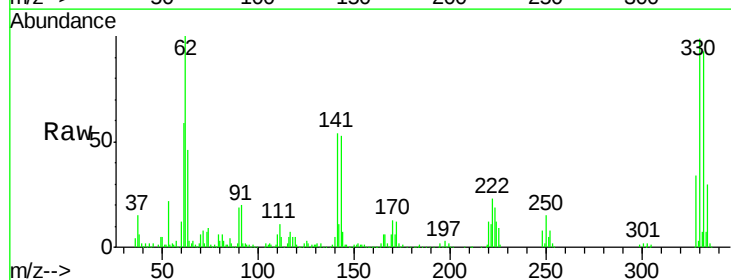
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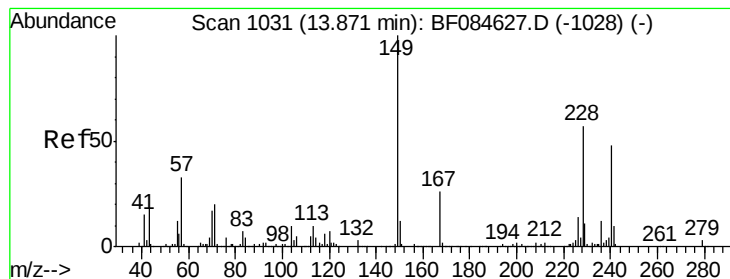
Tgt Ion:188 Resp: 681752
 Ion Ratio Lower Upper
 188 100
 94 6.4 9.0 13.4#
 80 6.9 9.6 14.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.59 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084673.D
 Acq: 30 Jan 2016 9:18

Tgt Ion:248 Resp: 35230
 Ion Ratio Lower Upper
 248 100
 250 189.3 78.4 117.6#
 141 687.7 44.0 66.0#





#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 :

BNA_F

ClientSampleId :

BOTTOM1-UST-20

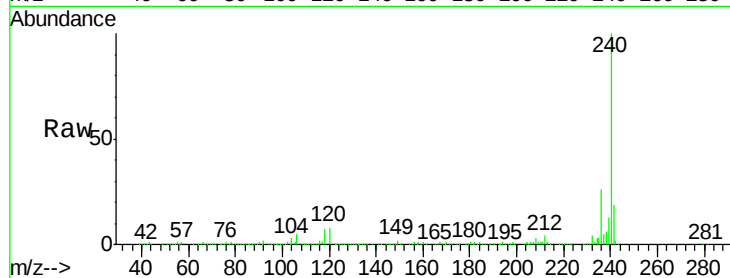
Tgt Ion:240 Resp: 546392

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

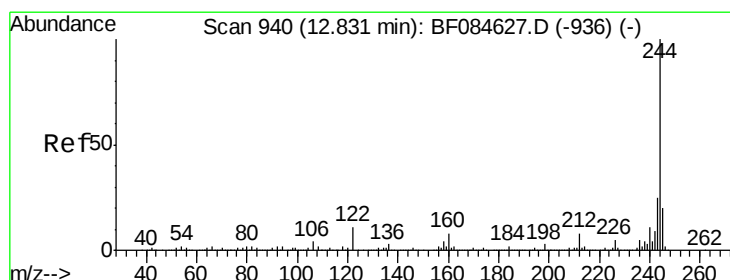
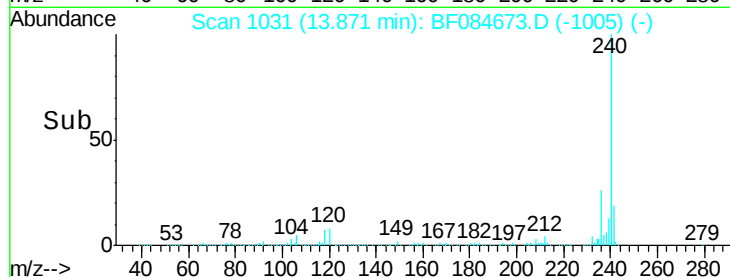
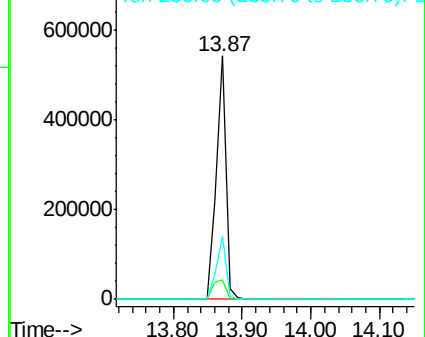
236 25.8 20.6 31.0



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

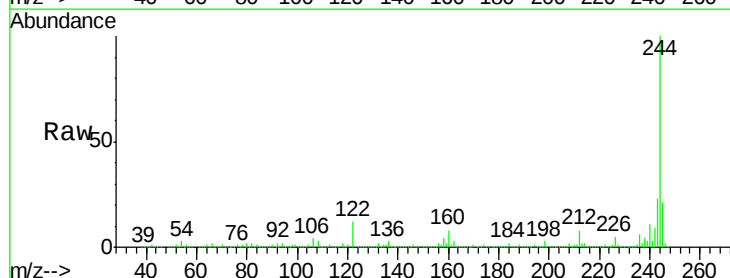
Tgt Ion:244 Resp: 1992013

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

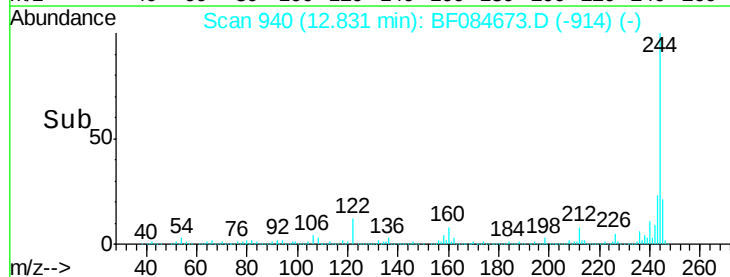
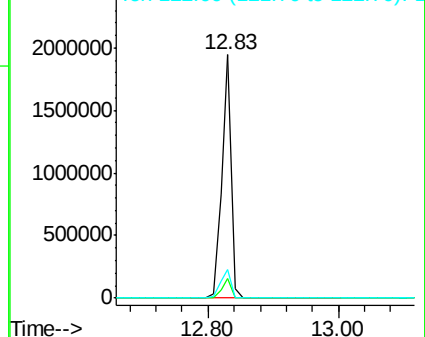
122 11.9 7.4 11.0#

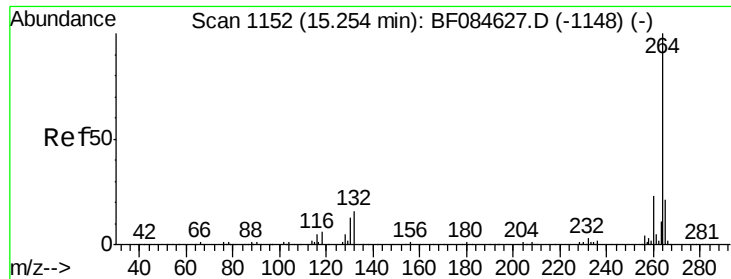


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

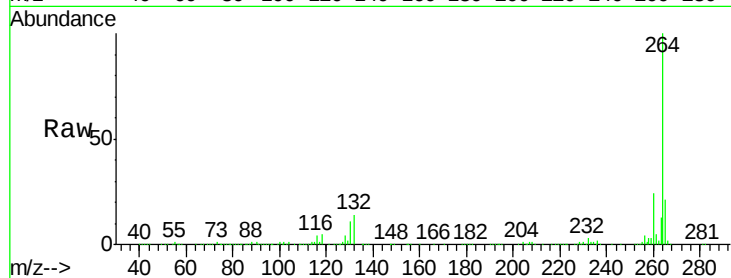




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084673.D
Acq: 30 Jan 2016 9:18

Instrument :
BNA_F
ClientSampleId :
BOTTOM1-UST-20

Tgt 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

