

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085431.D
 Acq On : 14 Mar 2016 16:18
 Operator : UM/SJ
 Sample : H1718-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SWD-1 (1ST-QUART-2016)

Quant Time: Mar 15 01:00:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

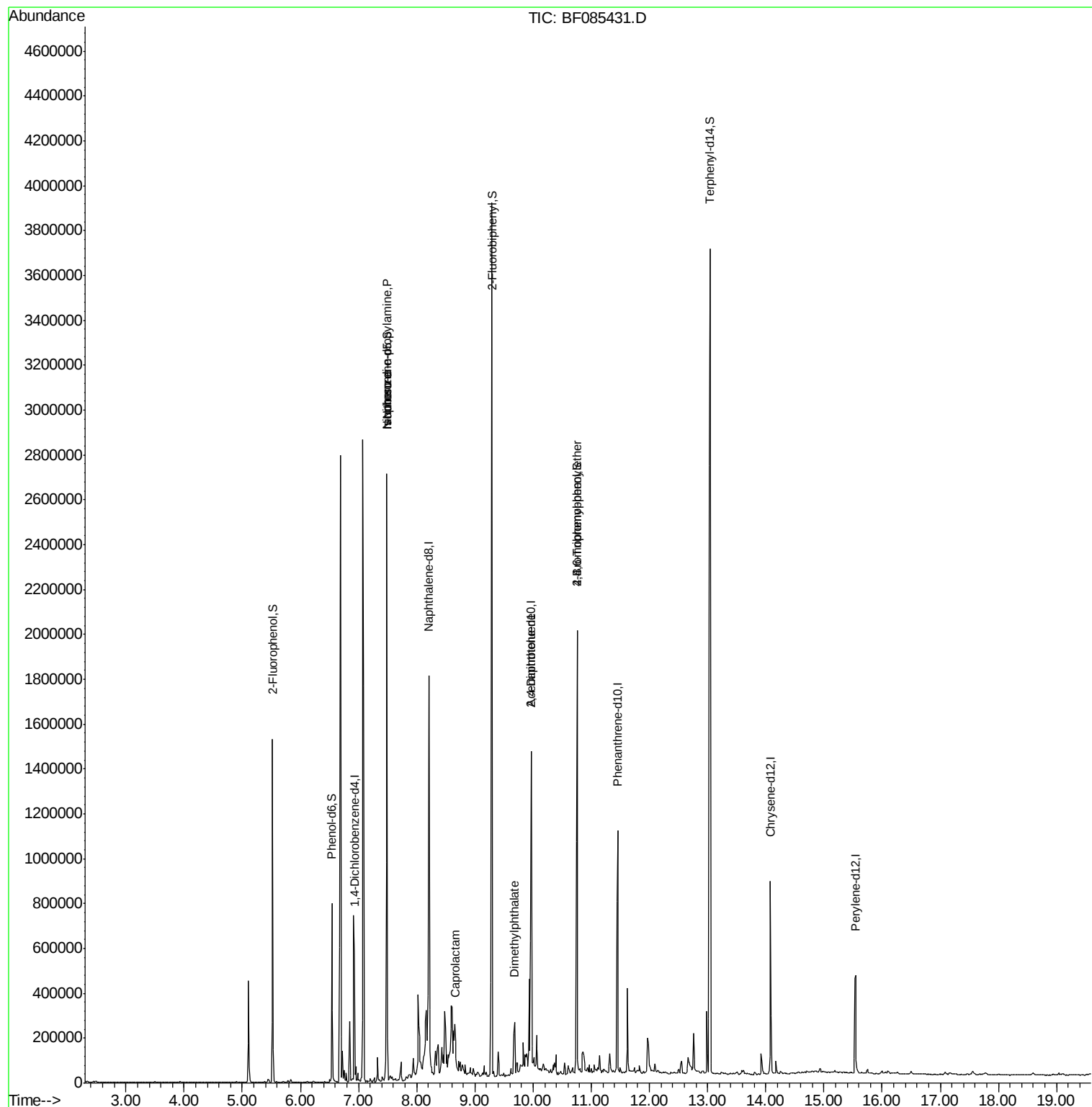
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	150898	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	612357	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	282012	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	507596	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	286736	20.00	ng	-0.07
86) Perylene-d12	15.55	264	242772	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	408586	45.42	ng	-0.06
7) Phenol-d6	6.54	99	297759	25.26	ng	-0.07
23) Nitrobenzene-d5	7.49	82	955657	83.51	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	265248	109.92	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1764396	95.15	ng	-0.06
78) Terphenyl-d14	13.04	244	1537510	124.48	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	130144	16.94	ng	# 77
25) Isophorone	7.49	82	700775	33.05	ng	# 67
35) Caprolactam	8.66	113	9143	3.36	ng	# 1
49) Dimethylphthalate	9.68	163	127092	5.87	ng	98
56) 2,4-Dinitrotoluene	9.97	165	35732	6.03	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	18646	3.78	ng	# 1

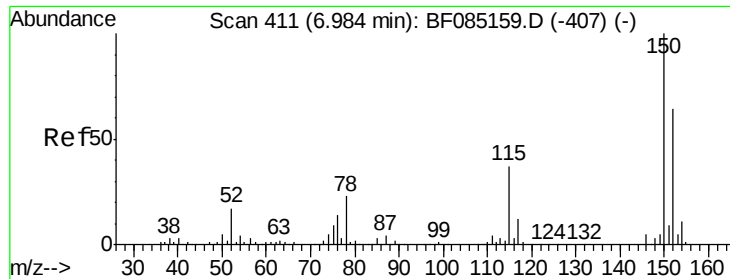
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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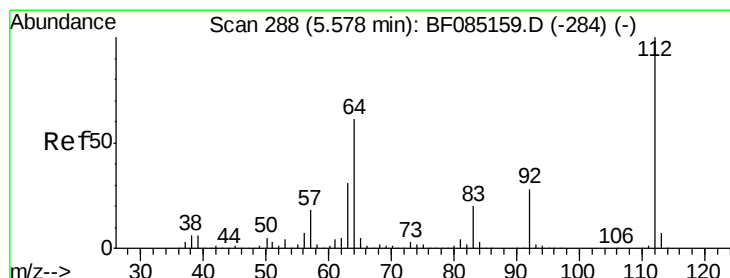
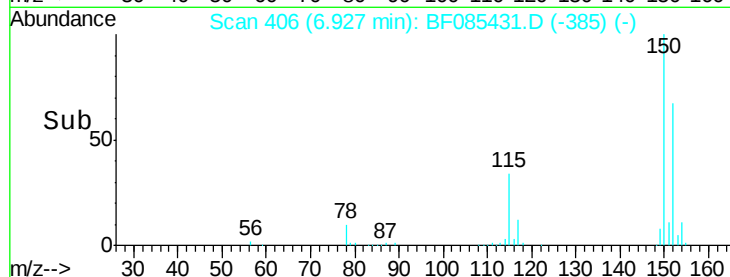
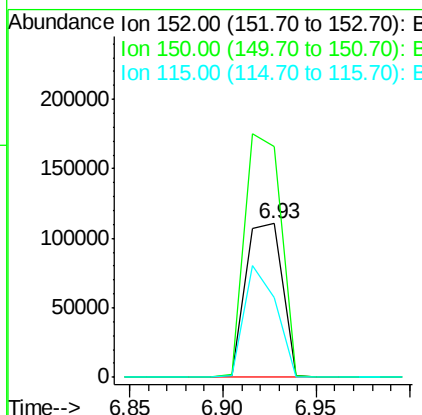
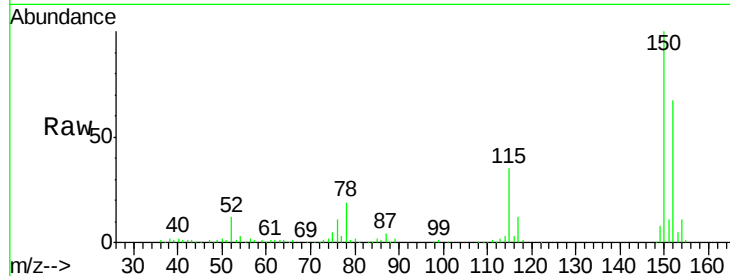




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.06 min
 Lab File: BF085431.D
 Acq: 14 Mar 2016 16:18

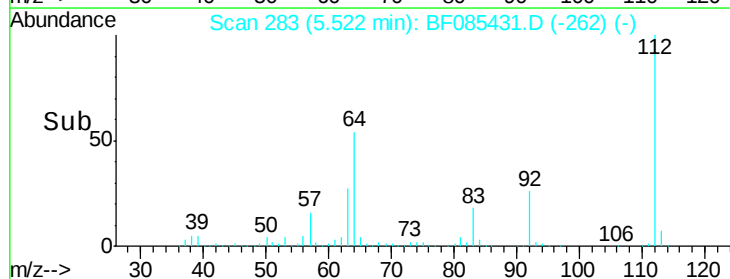
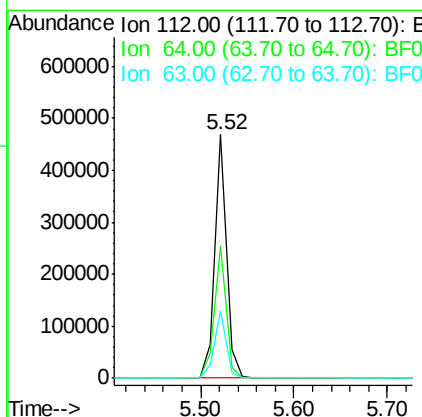
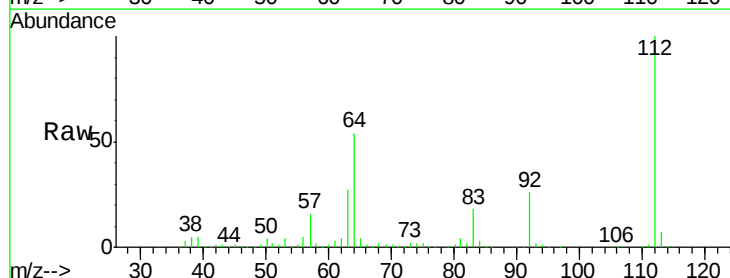
Instrument :
 BNA_F
 ClientSampleId :
 SWD-1 (1ST-QUART-2016)

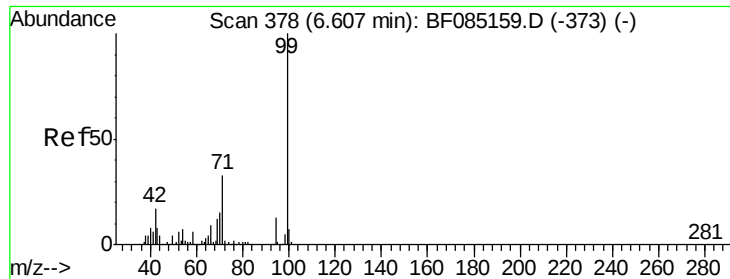
Tgt Ion:152 Resp: 150898
 Ion Ratio Lower Upper
 152 100
 150 150.1 124.6 186.8
 115 52.3 46.6 70.0



#5
 2-Fluorophenol
 Concen: 45.42 ng
 RT: 5.52 min Scan# 283
 Delta R.T. -0.06 min
 Lab File: BF085431.D
 Acq: 14 Mar 2016 16:18

Tgt Ion:112 Resp: 408586
 Ion Ratio Lower Upper
 112 100
 64 54.3 49.0 73.4
 63 27.3 24.8 37.2





#7

Phenol-d6

Concen: 25.26 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

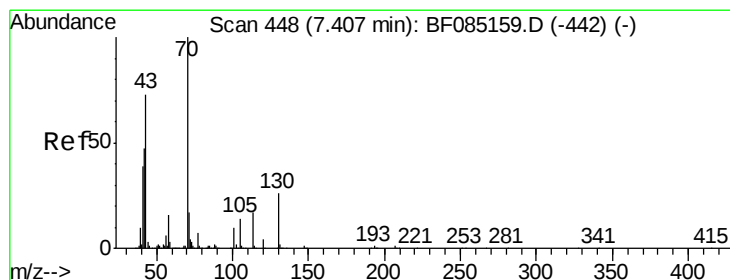
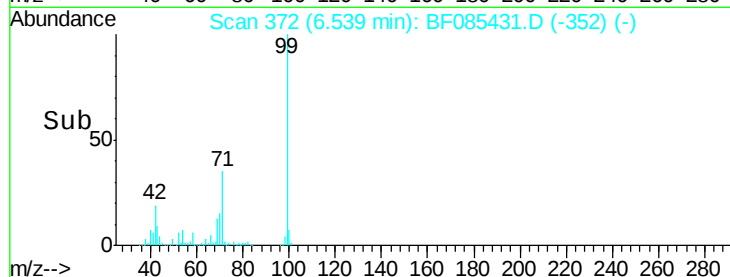
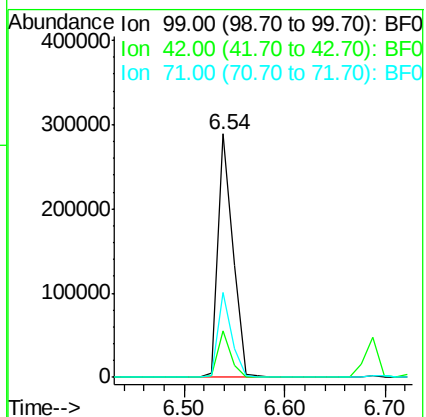
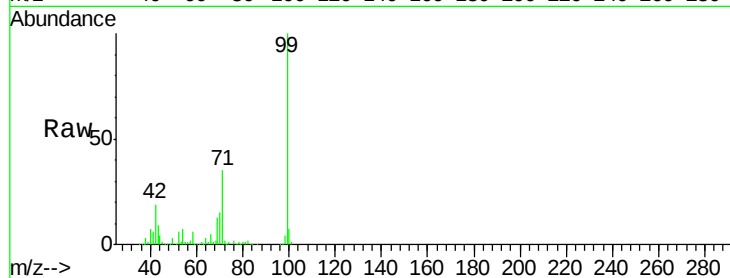
Tgt Ion: 99 Resp: 297759

Ion Ratio Lower Upper

99 100

42 19.0 13.6 20.4

71 34.7 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 7.49 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Tgt Ion: 70 Resp: 130144

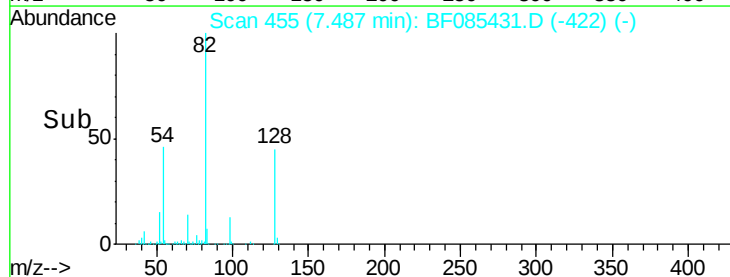
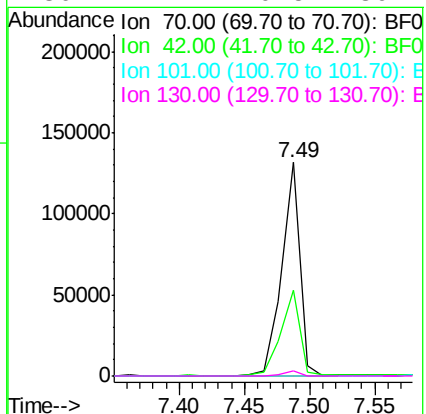
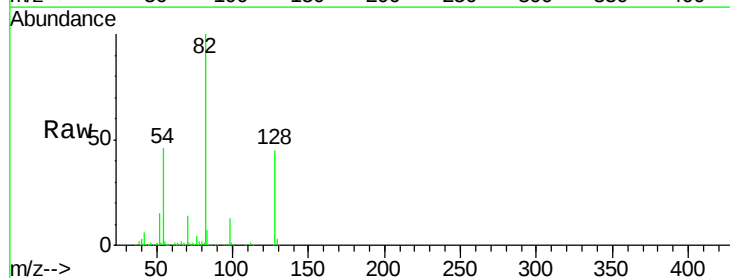
Ion Ratio Lower Upper

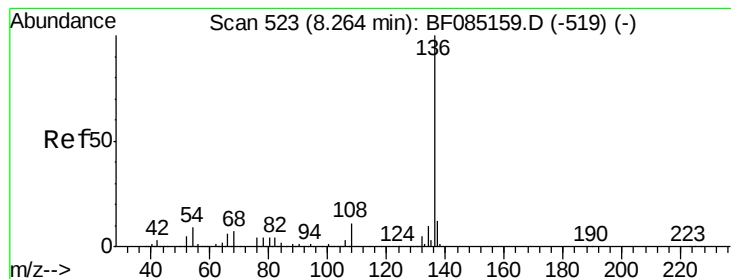
70 100

42 40.5 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

Tgt Ion:136 Resp: 612357

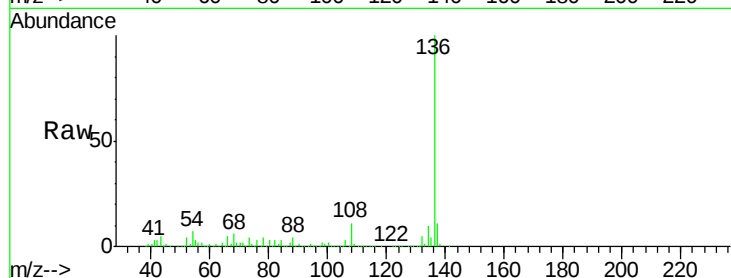
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.4 7.4 11.2#

68 6.1 6.0 9.0

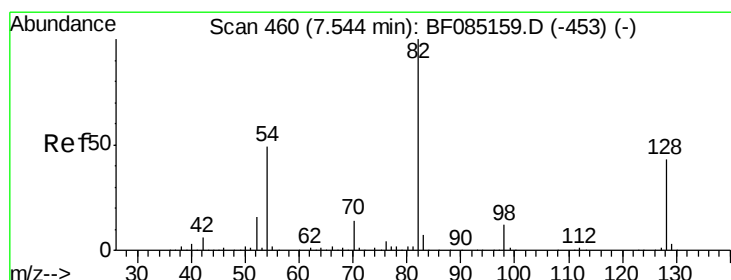
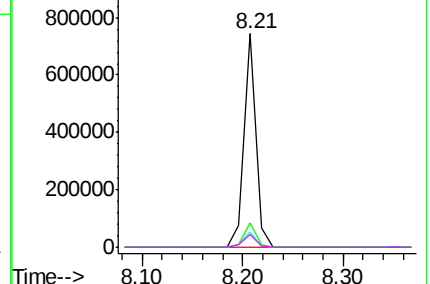
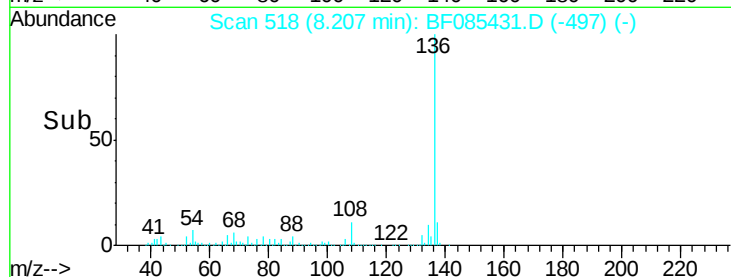


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.51 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

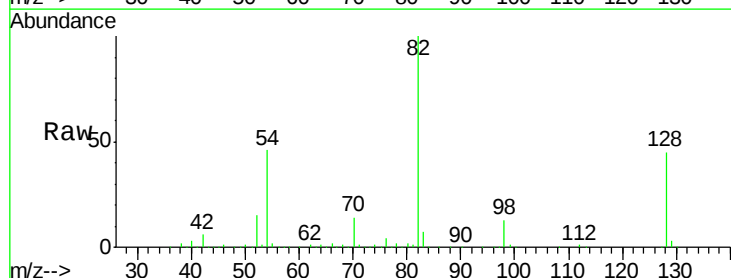
Tgt Ion: 82 Resp: 955657

Ion Ratio Lower Upper

82 100

128 45.5 34.5 51.7

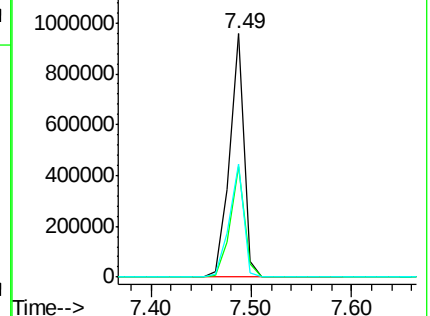
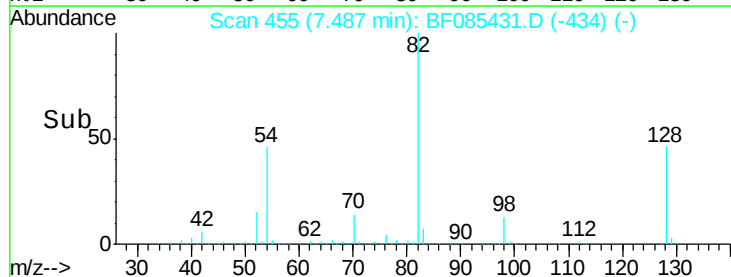
54 46.3 39.3 58.9

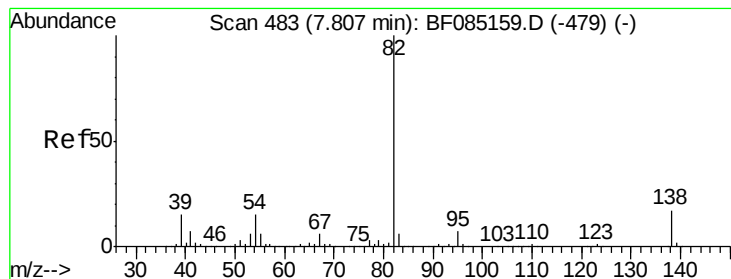


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.05 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.32 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

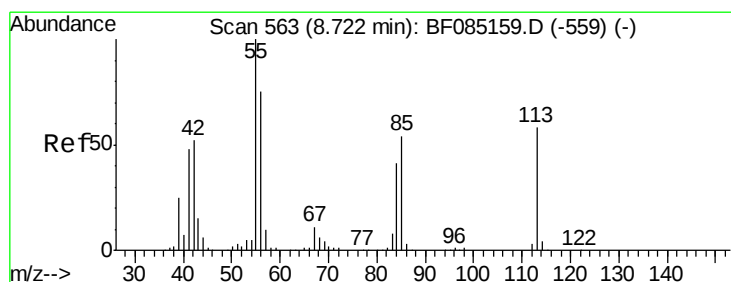
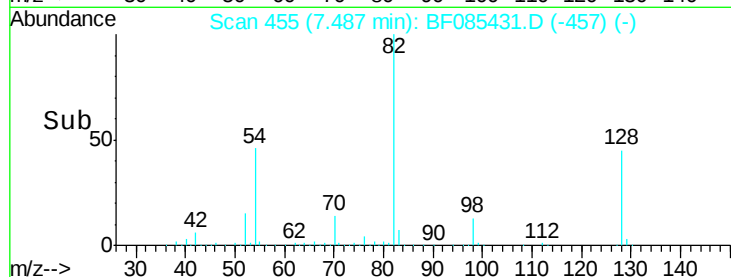
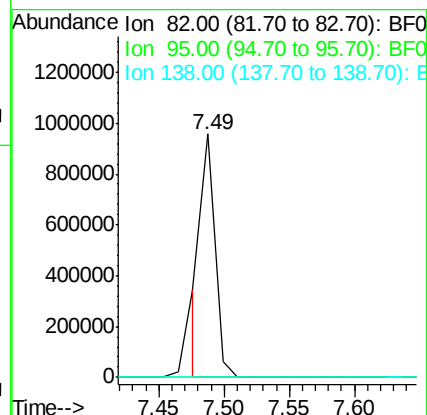
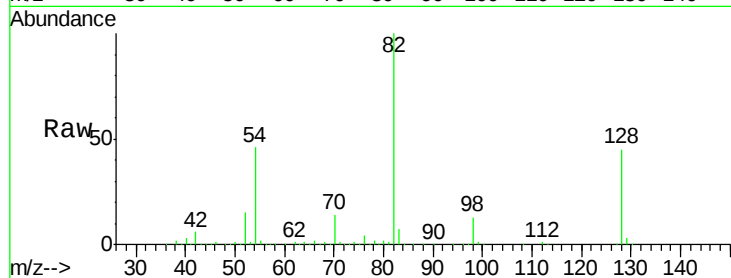
Tgt Ion: 82 Resp: 700775

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



#35

Caprolactam

Concen: 3.36 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

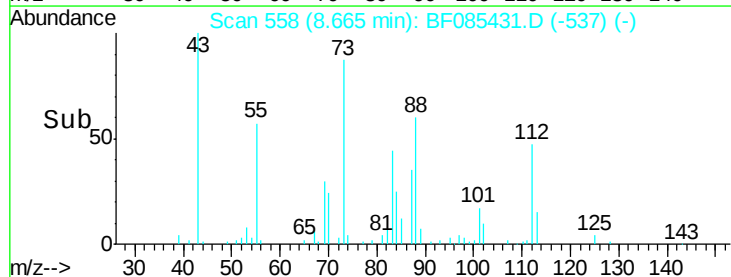
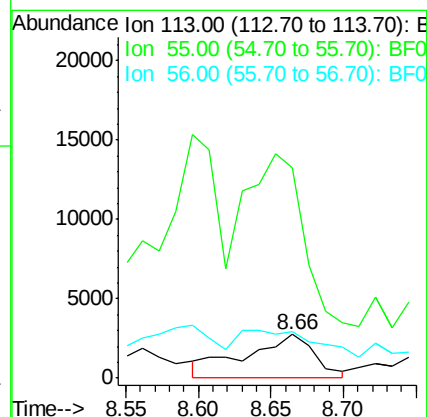
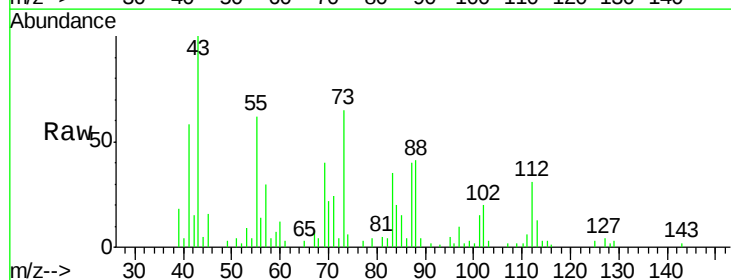
Tgt Ion: 113 Resp: 9143

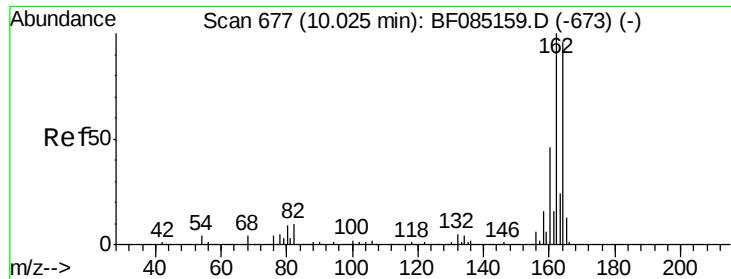
Ion Ratio Lower Upper

113 100

55 478.9 152.7 192.7#

56 105.0 109.0 149.0#

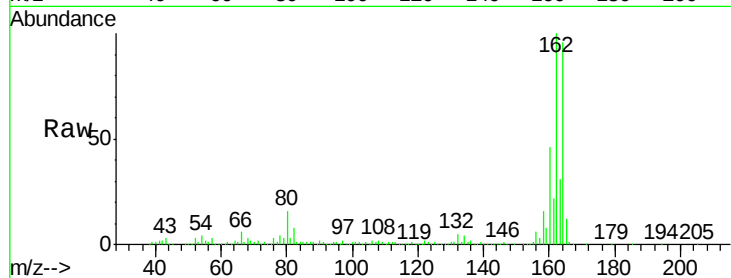




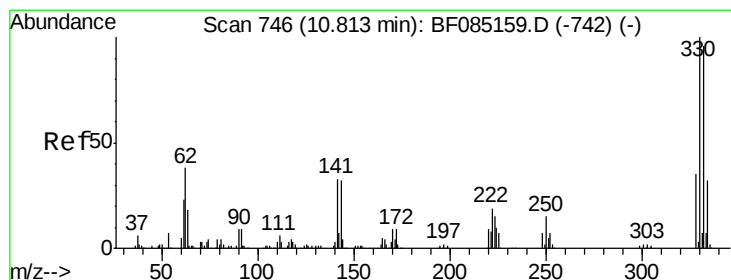
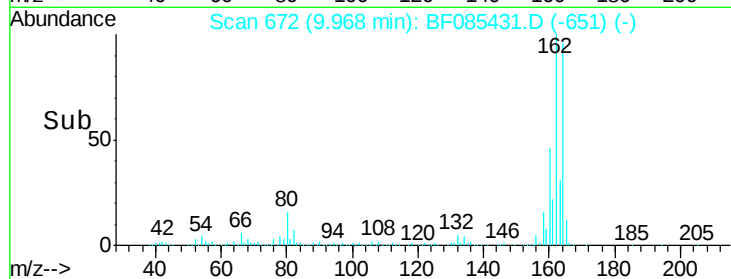
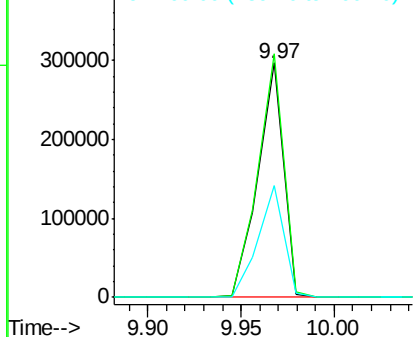
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SWD-1 (1ST-QUART-2016)

Tgt Ion:164 Resp: 282012
Ion Ratio Lower Upper
164 100
162 103.8 83.3 124.9
160 47.5 37.9 56.9

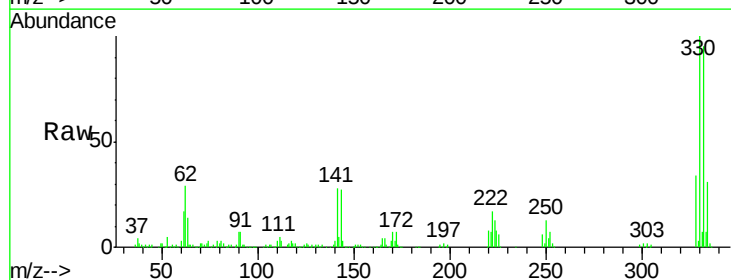


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

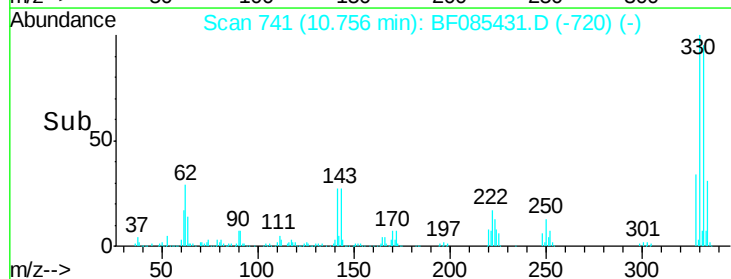
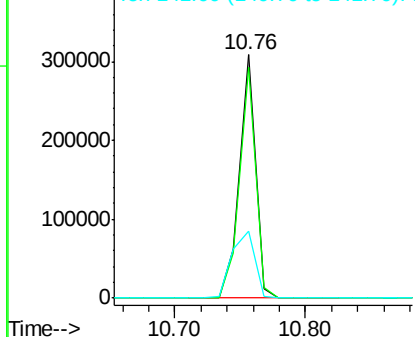


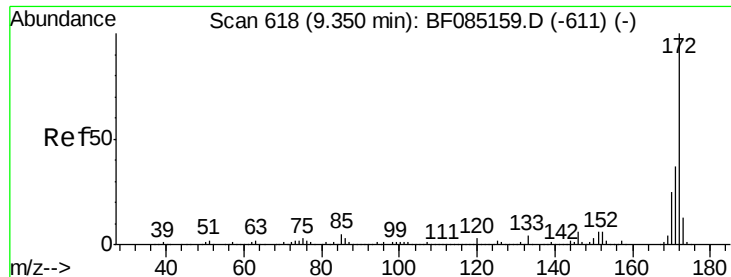
#41
2,4,6-Tribromophenol
Concen: 109.92 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Tgt Ion:330 Resp: 265248
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 39.0 35.0 52.6



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

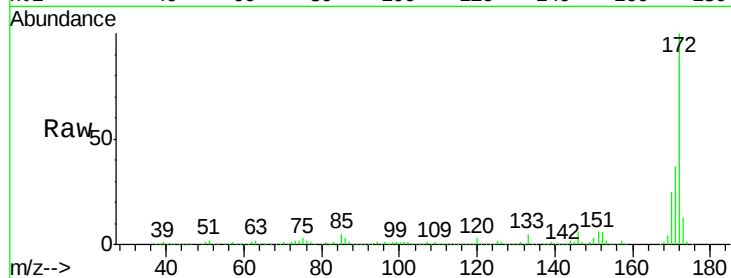




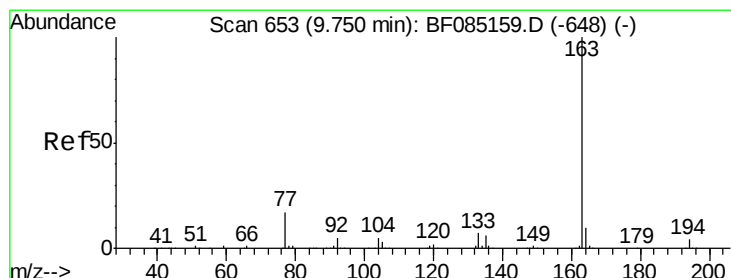
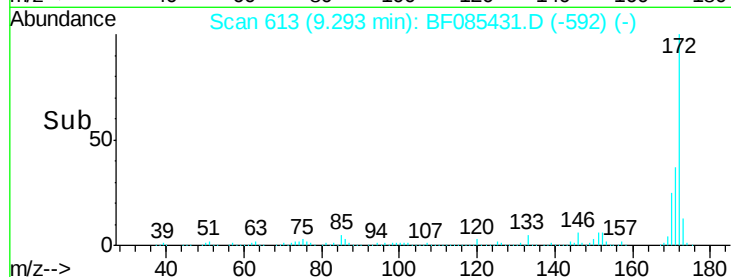
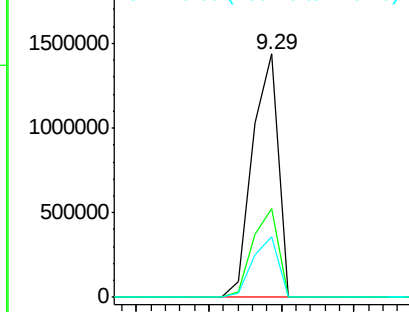
#44
2-Fluorobiphenyl
Concen: 95.15 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.06 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Instrument :
BNA_F
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SWD-1 (1ST-QUART-2016)

Tgt Ion:172 Resp: 1764396
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.7 20.0 30.0

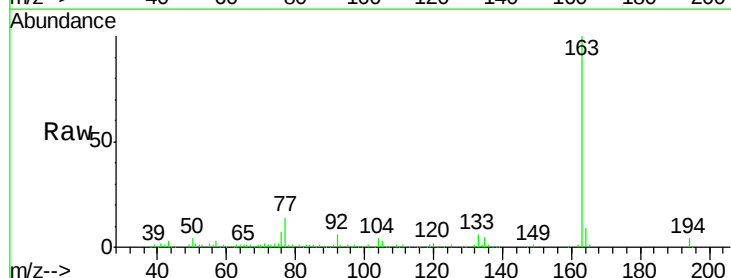


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

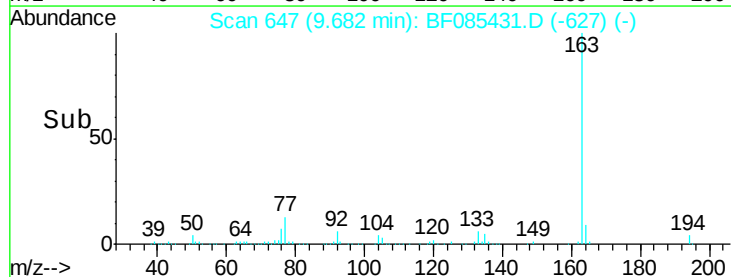
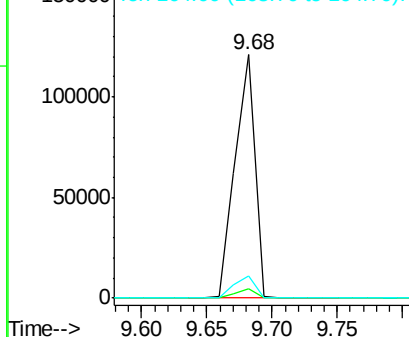


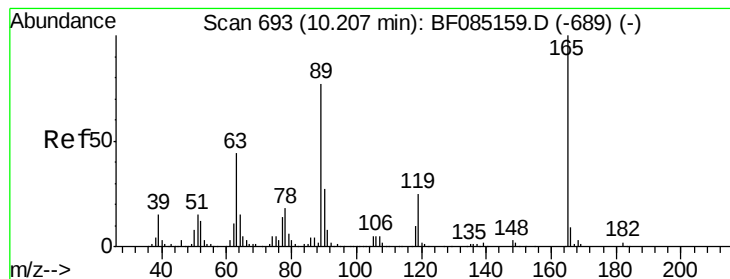
#49
Dimethylphthalate
Concen: 5.87 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Tgt Ion:163 Resp: 127092
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.1 8.2 12.4



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





#56

2,4-Dinitrotoluene

Concen: 6.03 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.24 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

Tgt Ion:165 Resp: 35732

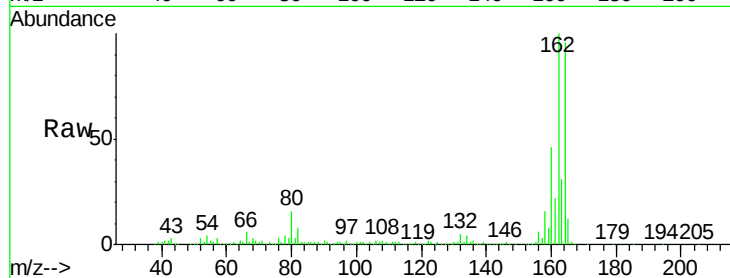
Ion Ratio Lower Upper

165 100

63 1.9 35.4 53.0#

89 2.0 61.9 92.9#

182 0.0 1.9 2.9#

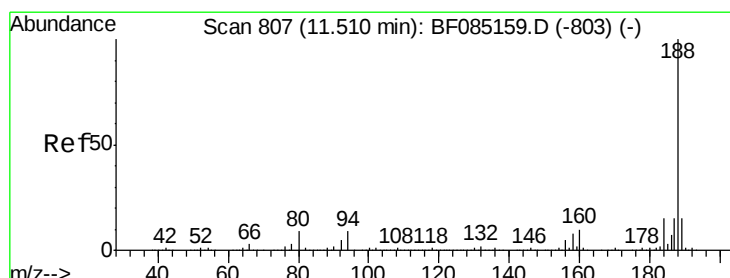
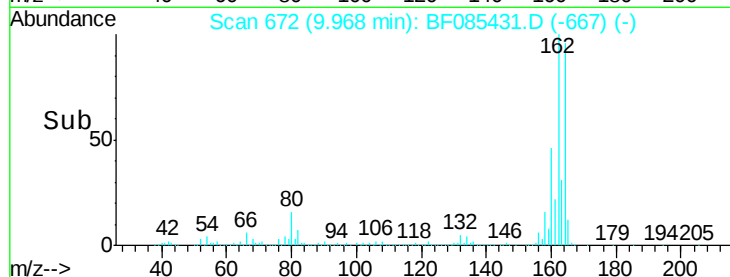
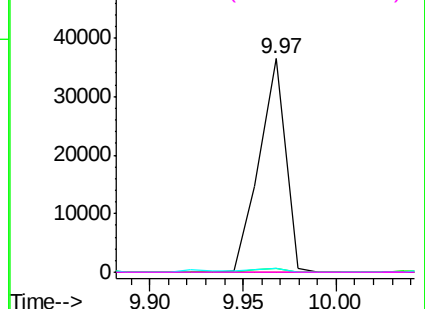


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

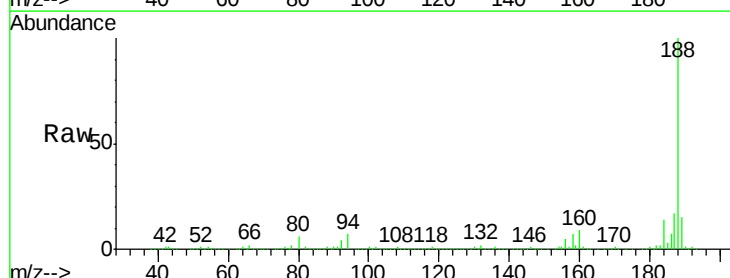
Tgt Ion:188 Resp: 507596

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

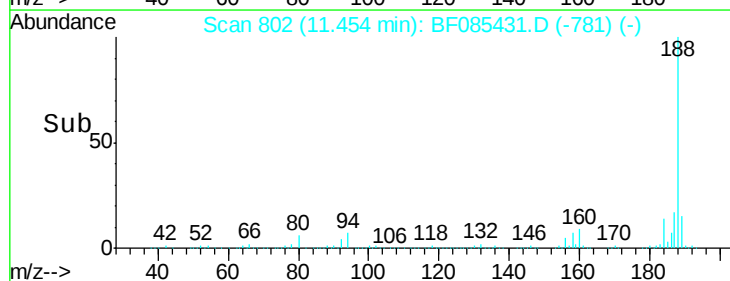
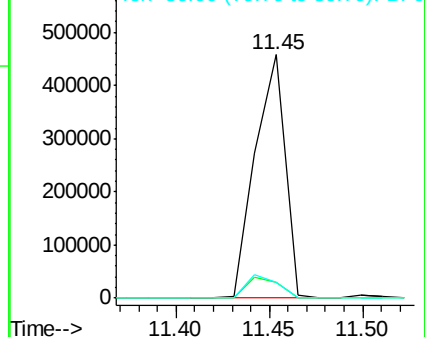
80 6.4 7.4 11.0#

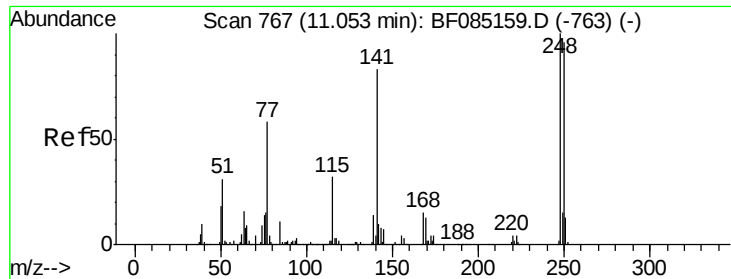


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

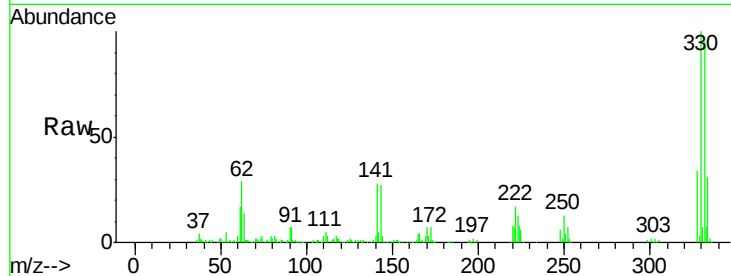




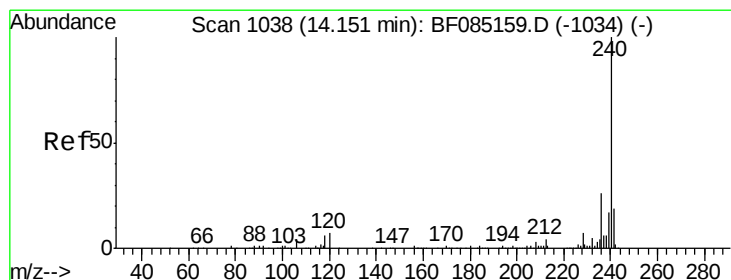
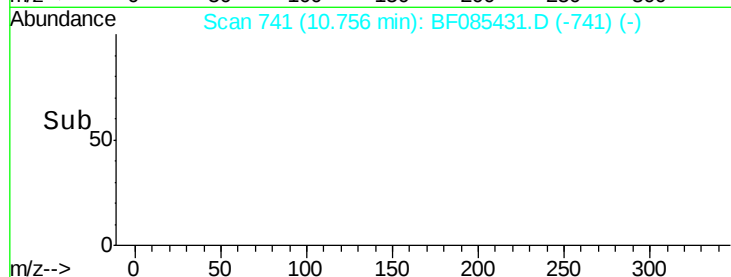
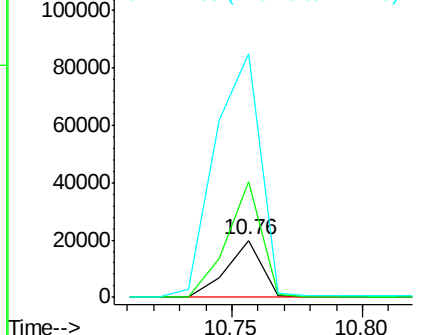
#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.76 min Scan# 741
Delta R.T. -0.30 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SWD-1 (1ST-QUART-2016)

Tgt Ion:248 Resp: 18646
Ion Ratio Lower Upper
248 100
250 203.4 77.1 115.7#
141 429.3 66.2 99.2#

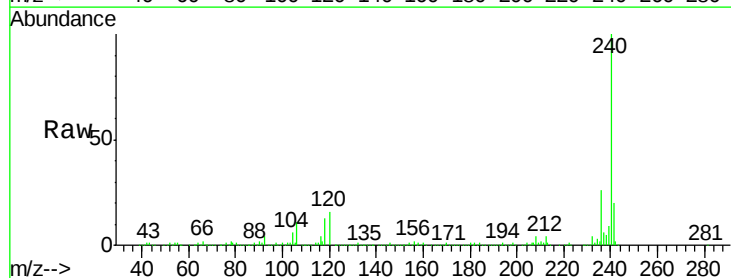


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

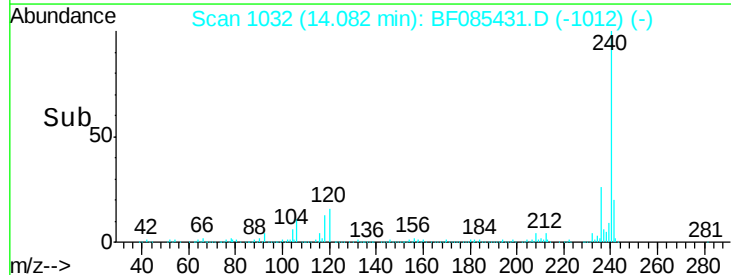
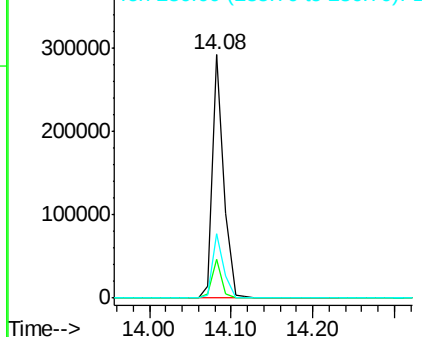


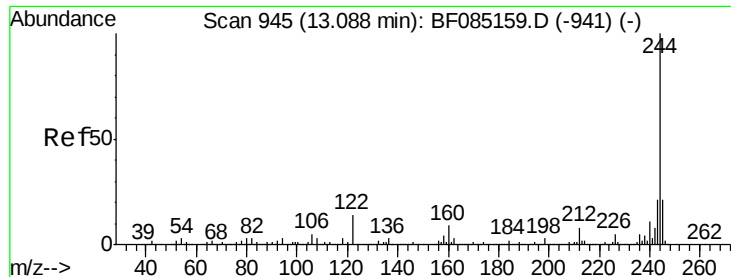
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF085431.D
Acq: 14 Mar 2016 16:18

Tgt Ion:240 Resp: 286736
Ion Ratio Lower Upper
240 100
120 15.7 5.3 7.9#
236 26.4 20.7 31.1



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: 124.48 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SWD-1 (1ST-QUART-2016)

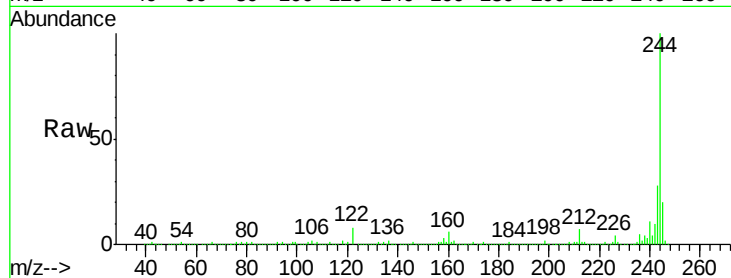
Tgt Ion:244 Resp: 1537510

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

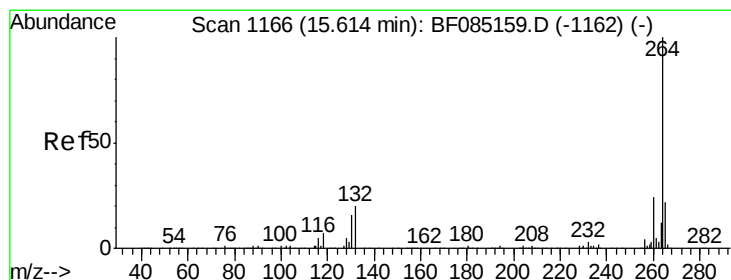
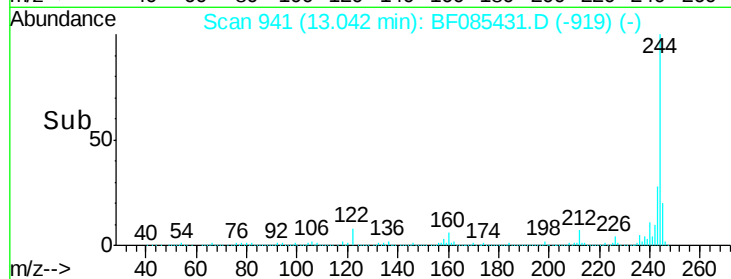
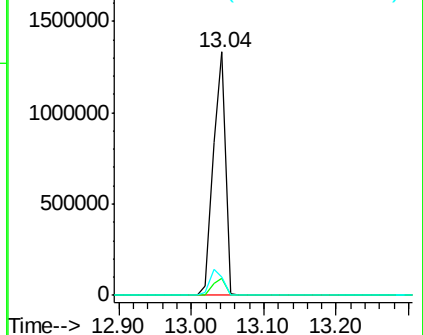
122 7.6 11.4 17.2#



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: 15.55 min Scan# 1160

Delta R.T. -0.07 min

Lab File: BF085431.D

Acq: 14 Mar 2016 16:18

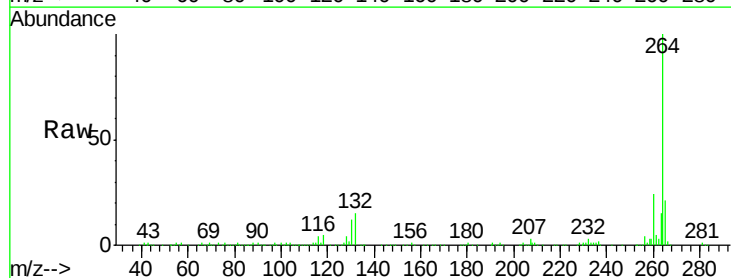
Tgt Ion:264 Resp: 242772

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.3 25.9



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

