

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087342.D
 Acq On : 24 May 2016 15:08
 Operator : UM/SJ
 Sample : H3169-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: May 24 18:53:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

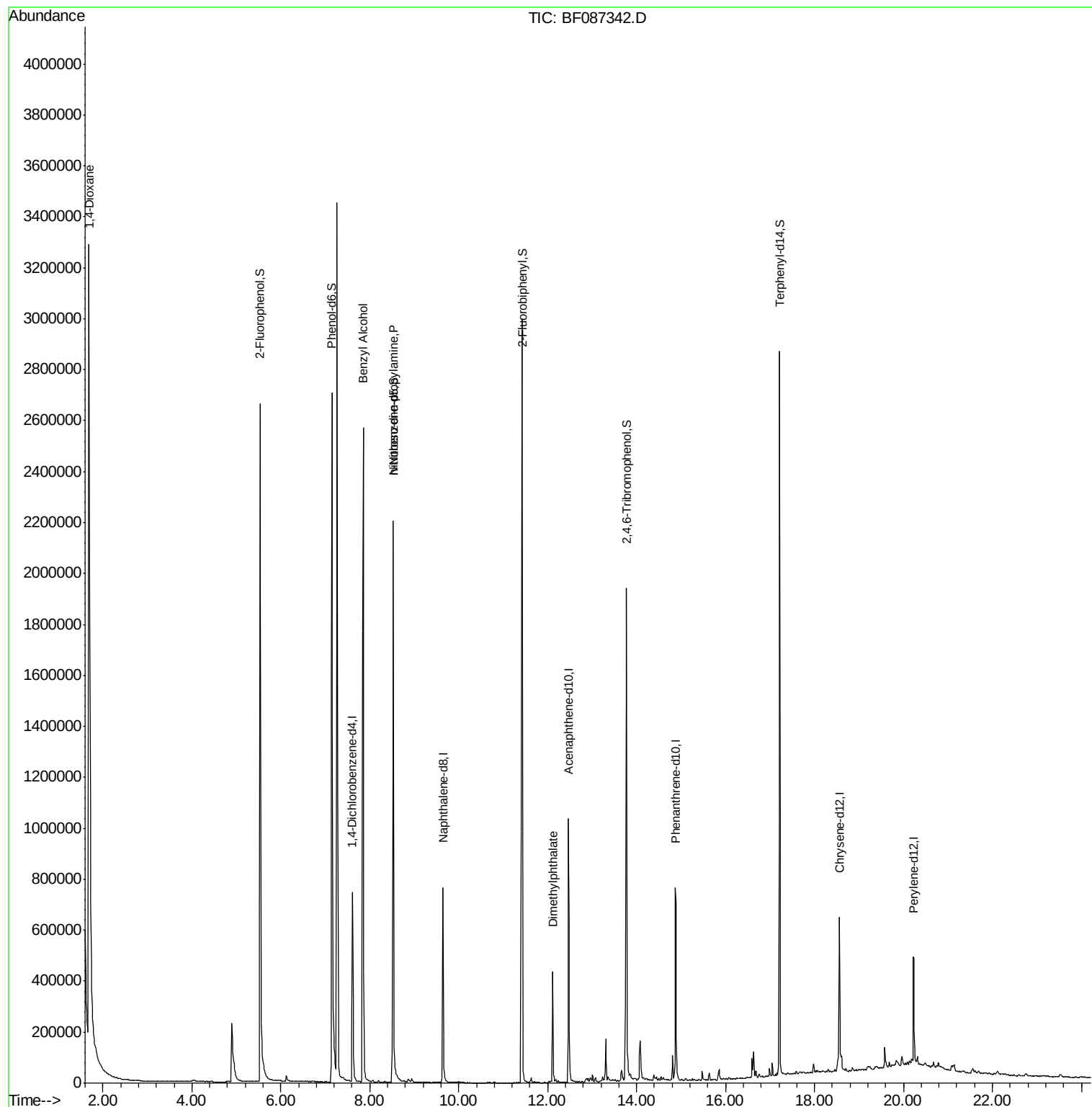
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	140872	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	585862	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	265642	20.00	ng	-0.01
63) Phenanthrene-d10	14.87	188	461586	20.00	ng	-0.01
75) Chrysene-d12	18.56	240	297129	20.00	ng	0.00
86) Perylene-d12	20.23	264	250707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1090913	136.07	ng	0.01
7) Phenol-d6	7.15	99	1433421	132.32	ng	-0.01
23) Nitrobenzene-d5	8.52	82	969231	83.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	312502	122.42	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1540618	81.76	ng	0.00
78) Terphenyl-d14	17.21	244	1047043	74.92	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	151062	35.71	ng	# 22
15) Benzyl Alcohol	7.85	79	17384	2.20	ng	# 42
19) n-Nitroso-di-n-propylamine	8.52	70	133287	16.50	ng	# 75
49) Dimethylphthalate	12.11	163	253941	11.93	ng	99

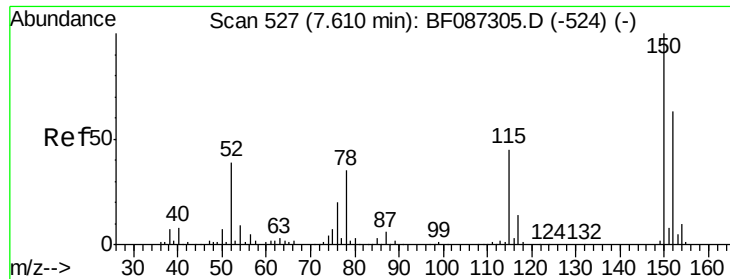
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

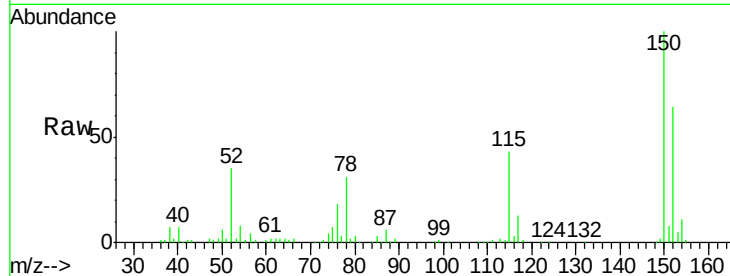
Tgt Ion: 152 Resp: 140872

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

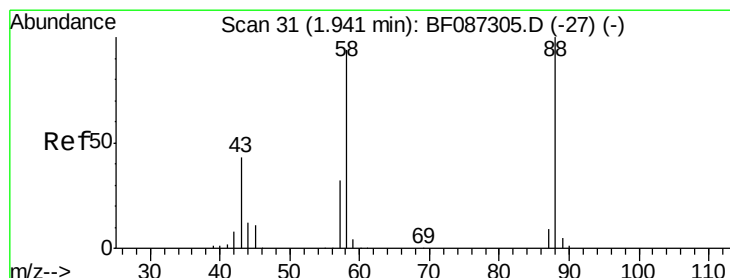
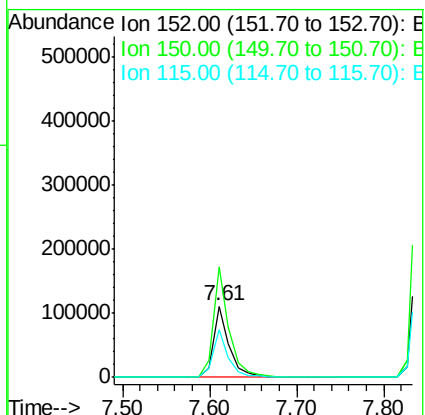
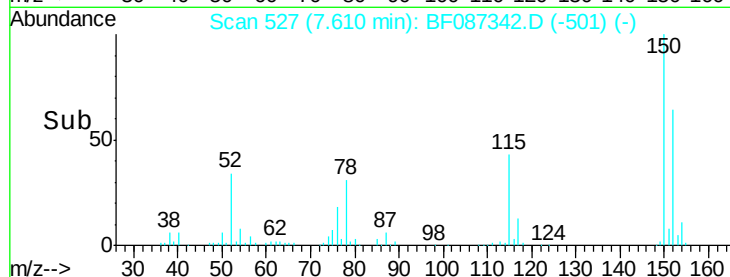
115 66.5 51.5 77.3



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



#2

1,4-Dioxane

Concen: 35.71 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

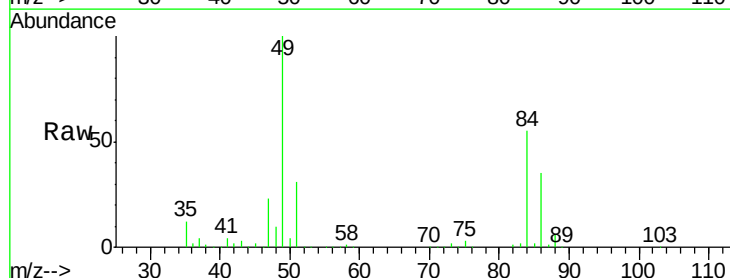
Tgt Ion: 88 Resp: 151062

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

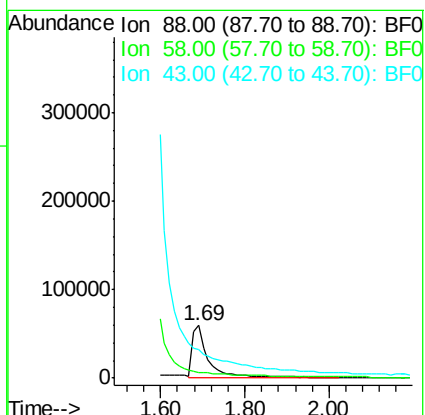
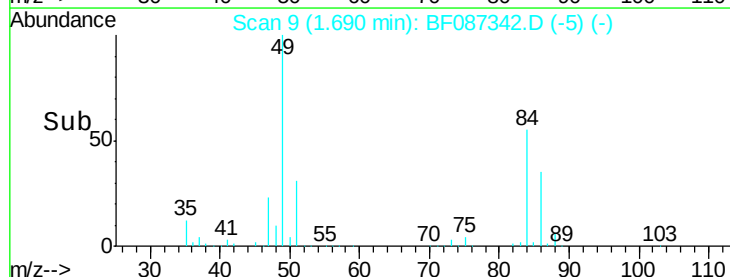
43 0.0 21.8 32.6#

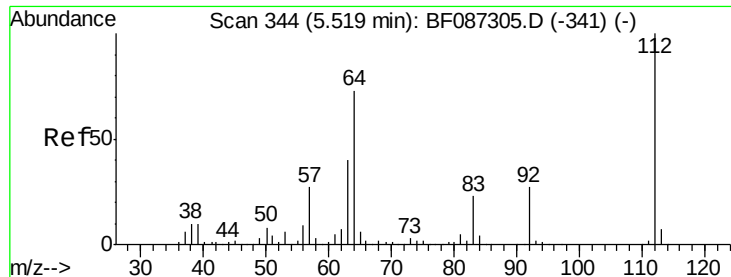


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 136.07 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

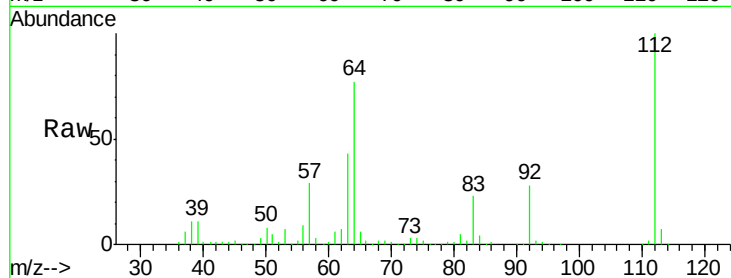
Tgt Ion: 112 Resp: 1090913

Ion Ratio Lower Upper

112 100

64 77.4 52.1 78.1

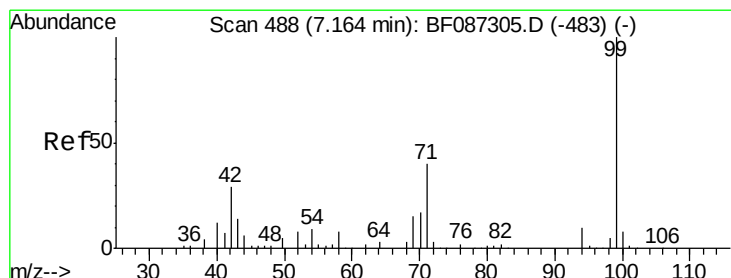
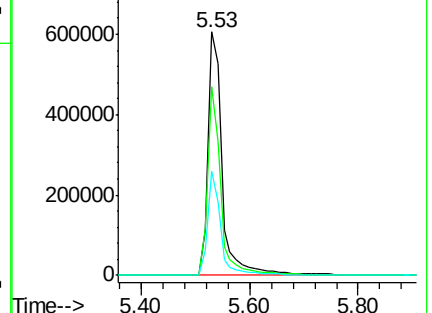
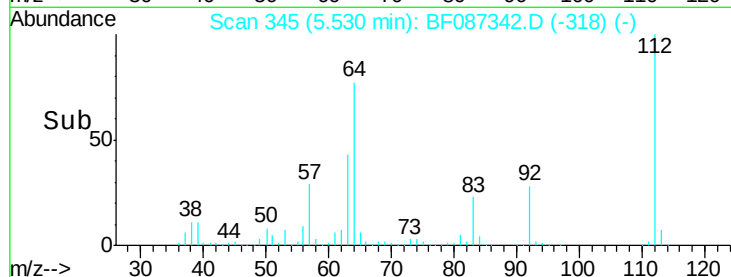
63 42.6 25.7 38.5#



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: 132.32 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

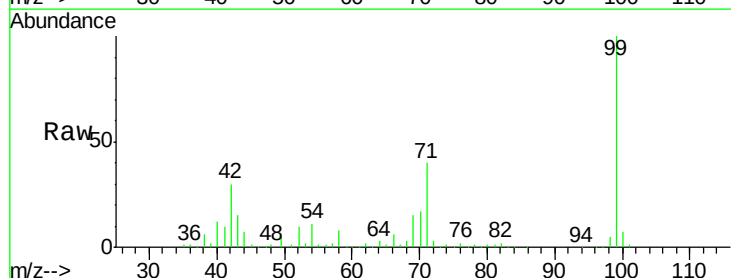
Tgt Ion: 99 Resp: 1433421

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

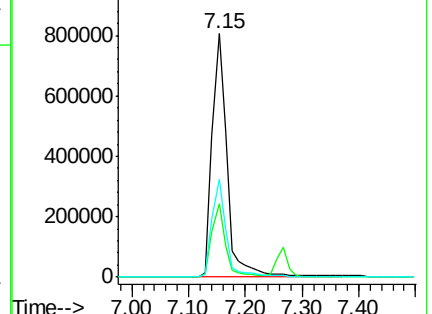
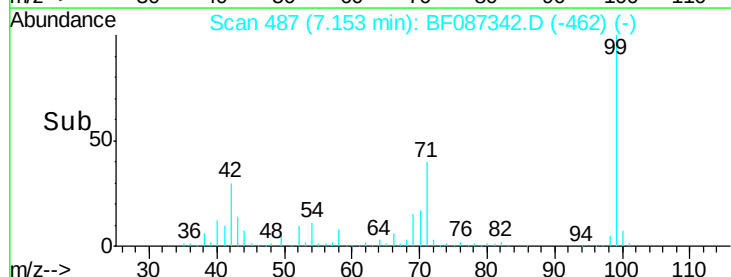
71 40.3 24.6 36.8#

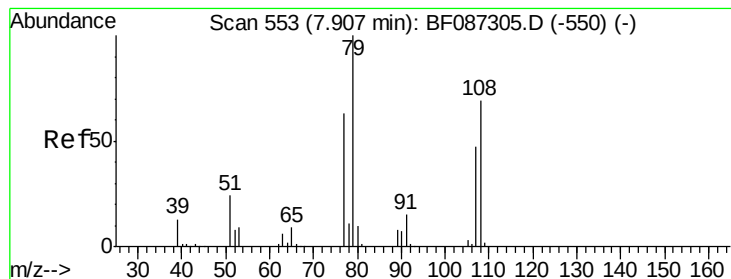


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.06 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

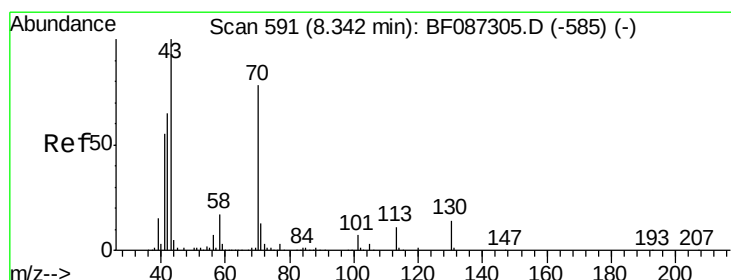
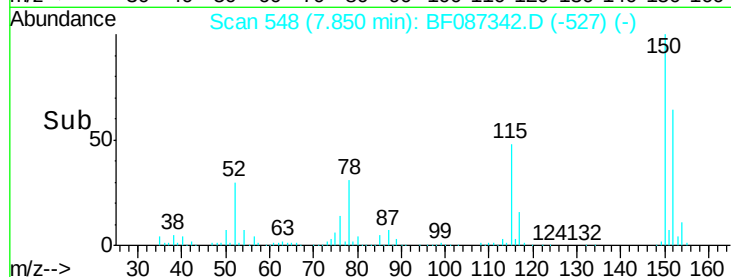
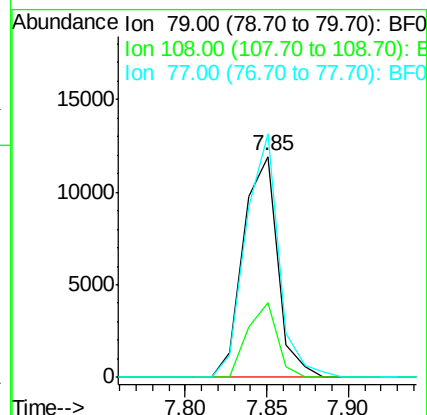
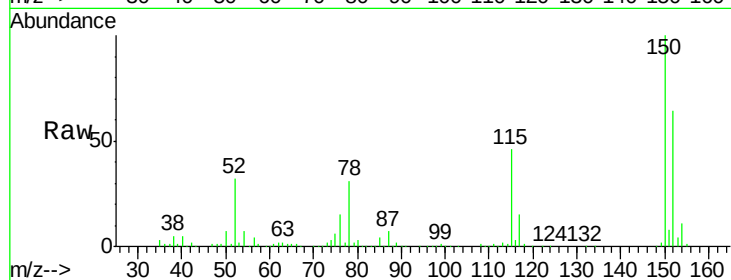
Tgt Ion: 79 Resp: 17384

Ion Ratio Lower Upper

79 100

108 33.8 68.4 102.6#

77 110.3 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.50 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.18 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Tgt Ion: 70 Resp: 133287

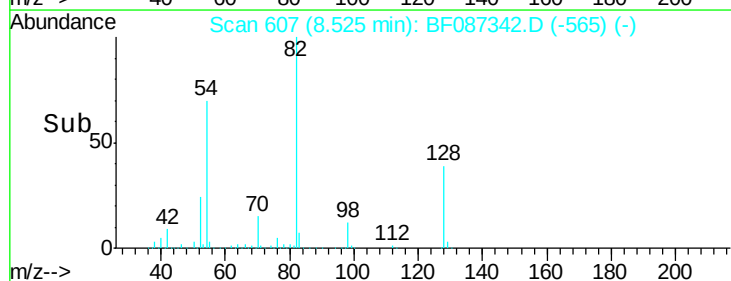
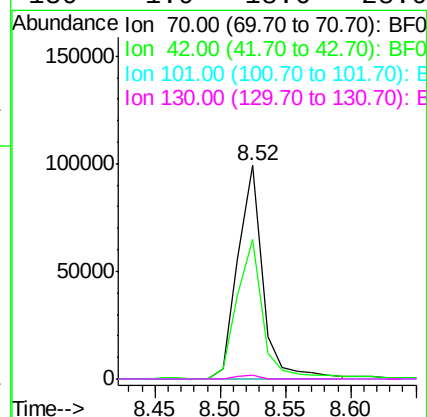
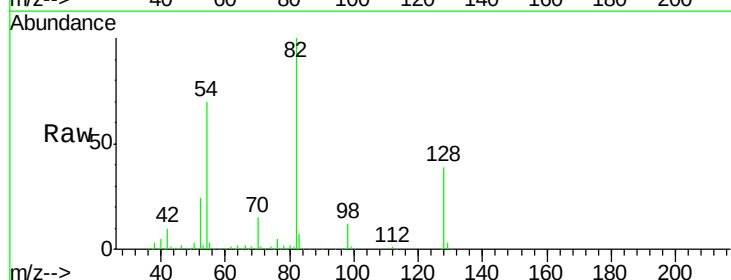
Ion Ratio Lower Upper

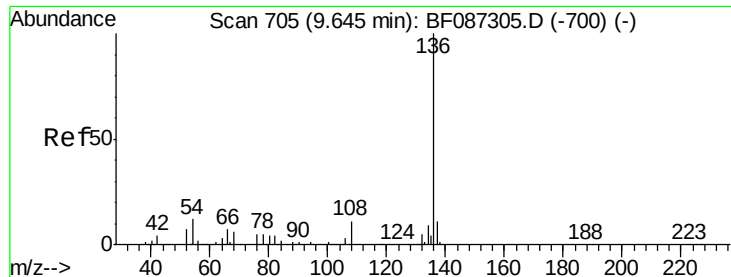
70 100

42 65.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

Tgt Ion:136 Resp: 585862

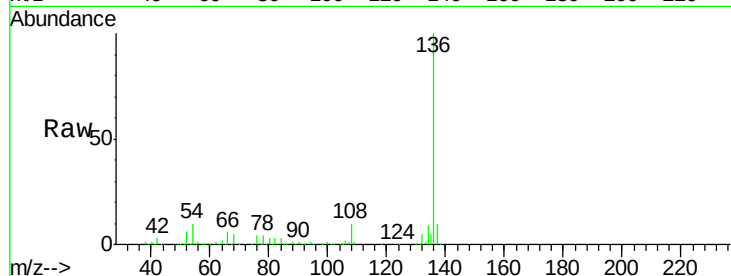
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.7 5.0 7.4#

68 5.0 4.4 6.6

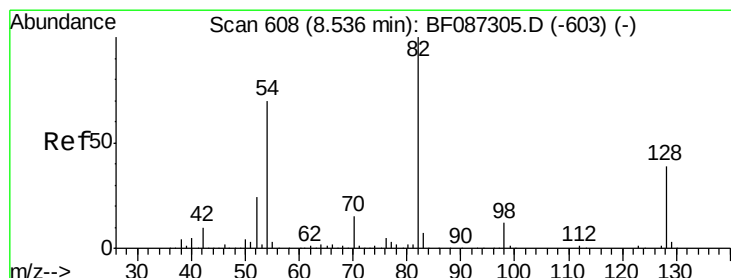
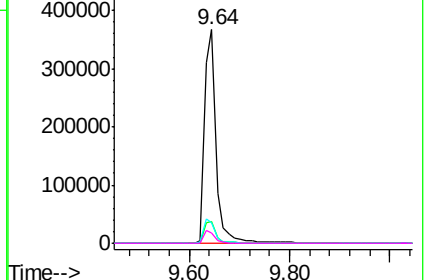
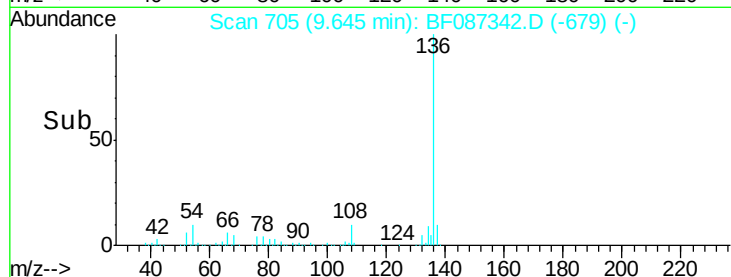


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.38 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

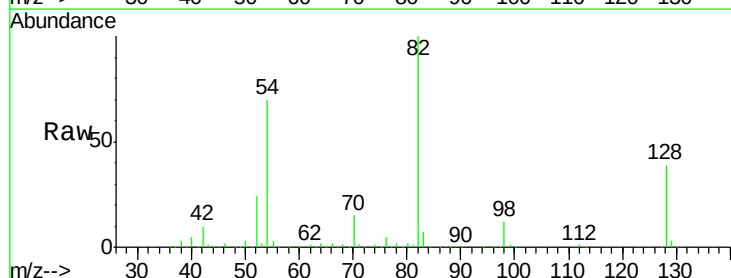
Tgt Ion: 82 Resp: 969231

Ion Ratio Lower Upper

82 100

128 39.2 40.6 61.0#

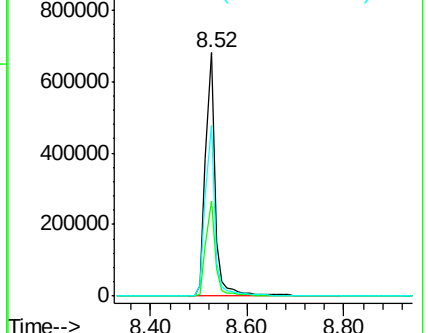
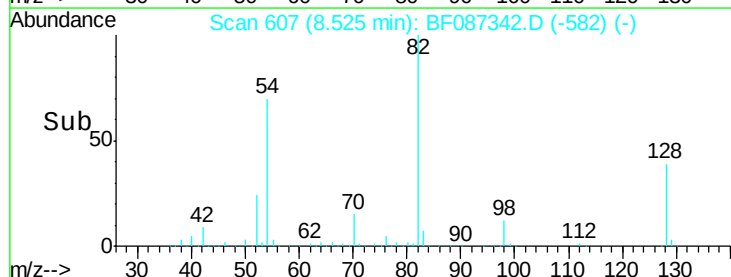
54 70.1 38.1 57.1#

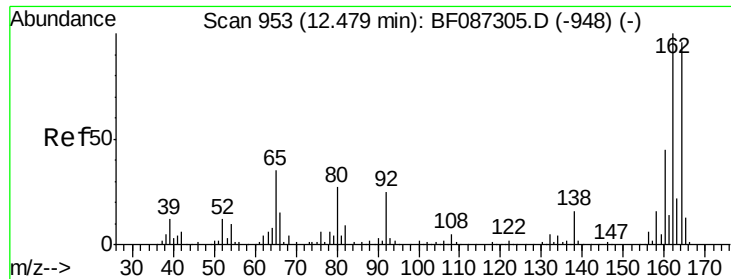


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

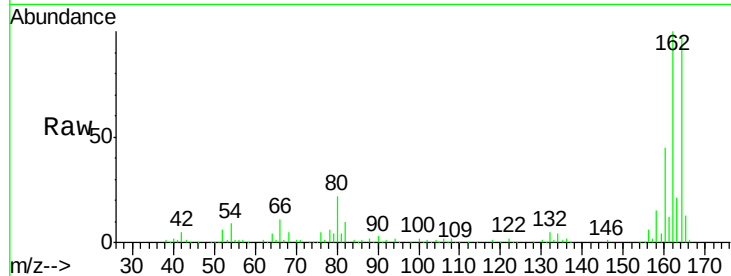




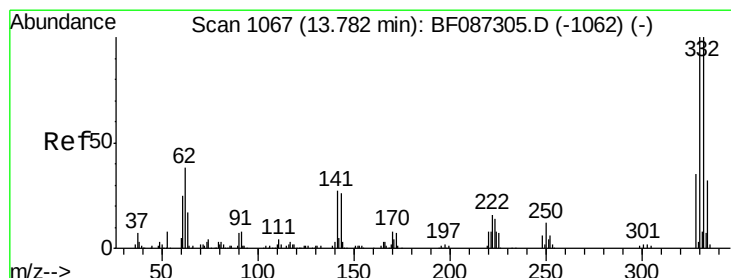
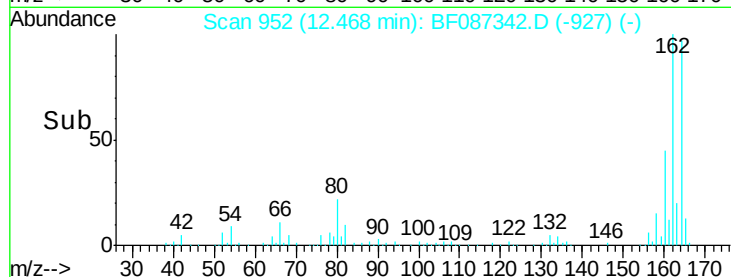
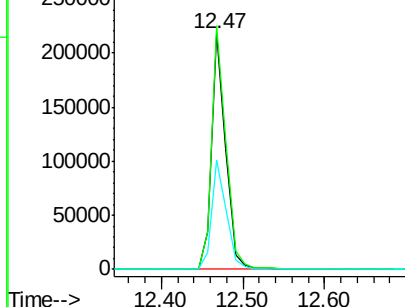
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087342.D
 Acq: 24 May 2016 15:08

Instrument :
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 SB-04-COMP

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	46.5	36.9	55.3

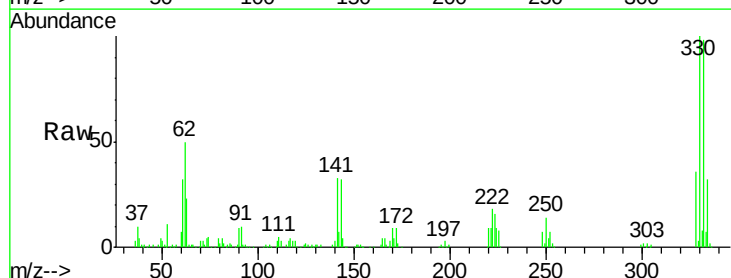


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

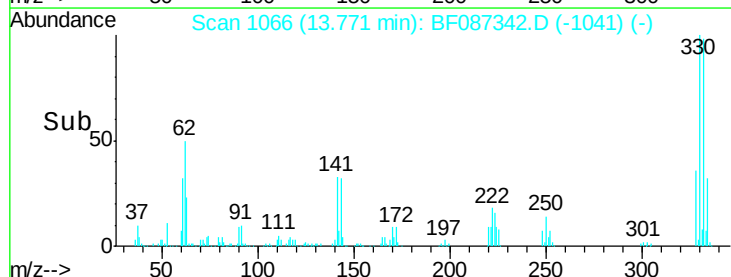
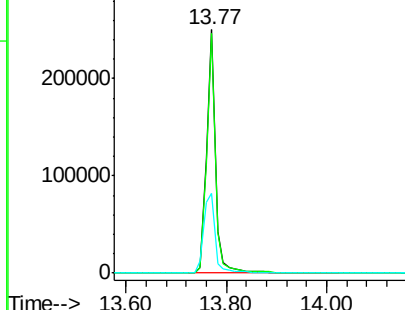


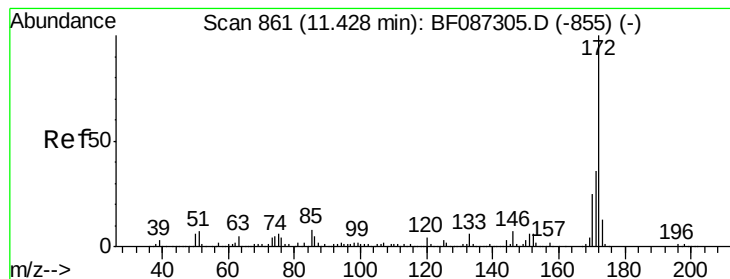
#41
 2,4,6-Tribromophenol
 Concen: 122.42 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087342.D
 Acq: 24 May 2016 15:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	42.3	31.2	46.8



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: 81.76 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

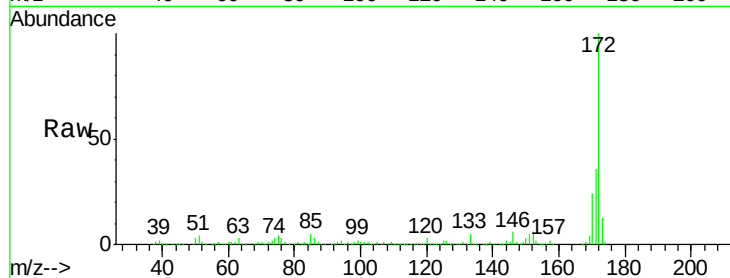
Tgt Ion:172 Resp: 1540618

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

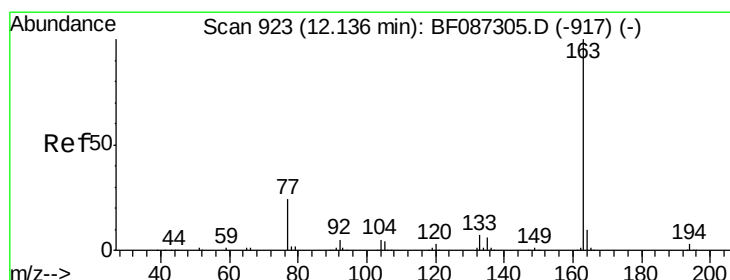
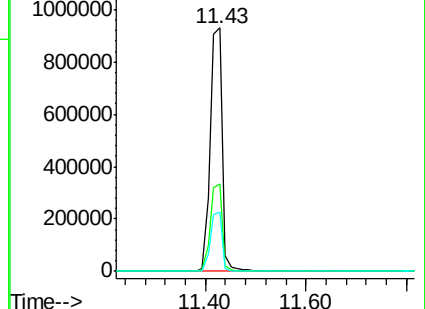
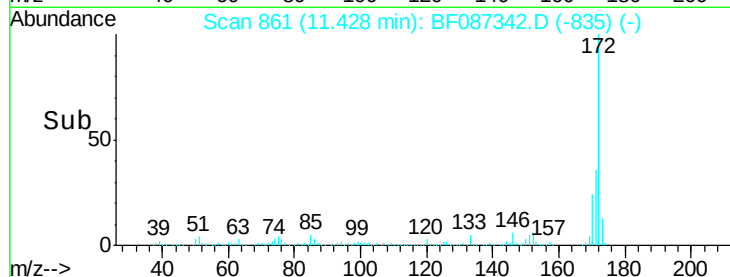
170 24.2 19.8 29.8



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: 11.93 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

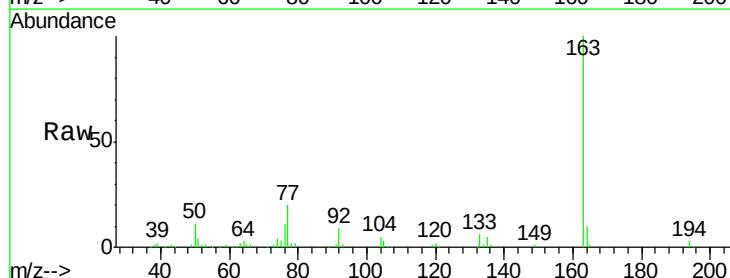
Tgt Ion:163 Resp: 253941

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

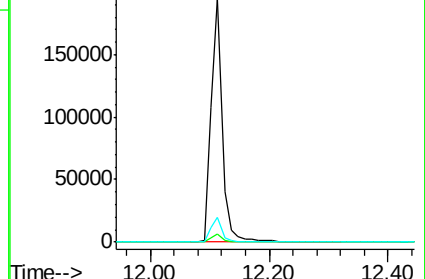
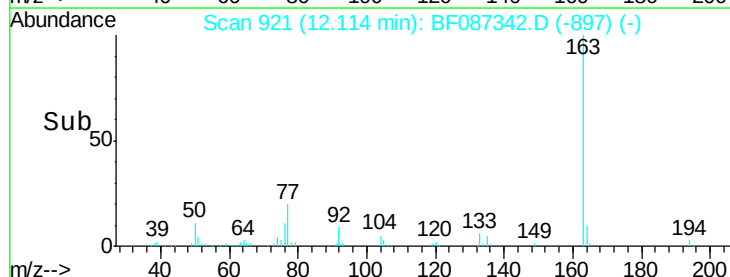
164 9.9 8.2 12.4

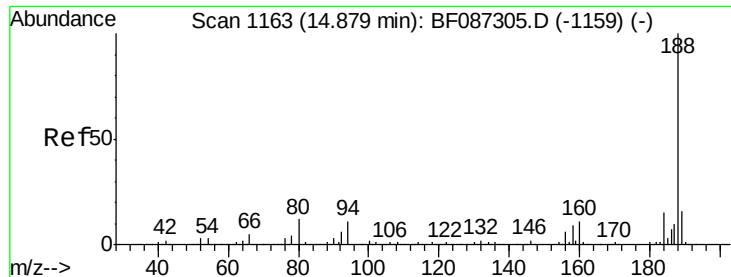


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

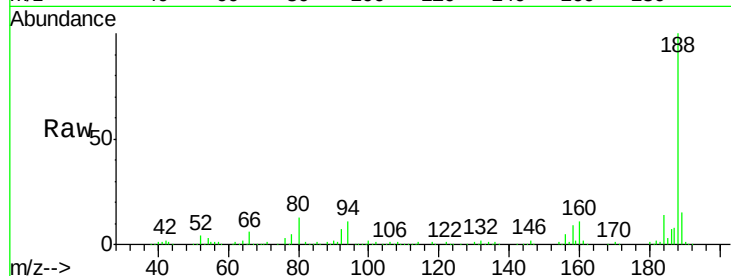




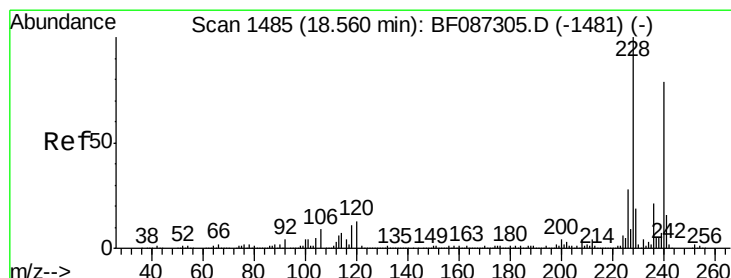
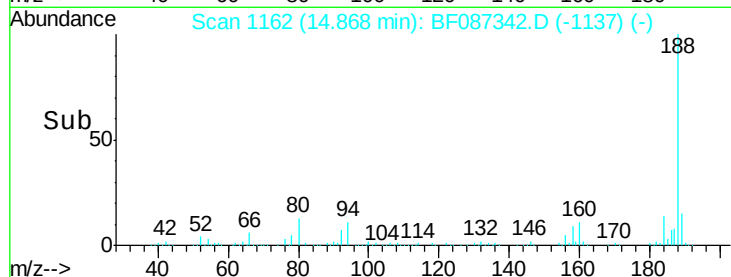
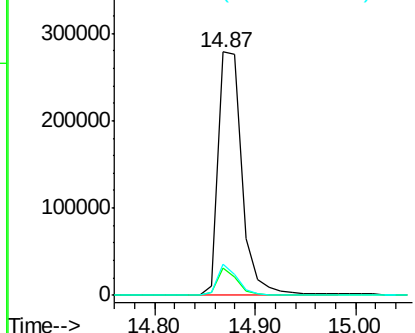
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF087342.D
Acq: 24 May 2016 15:08

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:188 Resp: 461586
Ion Ratio Lower Upper
188 100
94 11.2 6.8 10.2#
80 13.0 7.1 10.7#

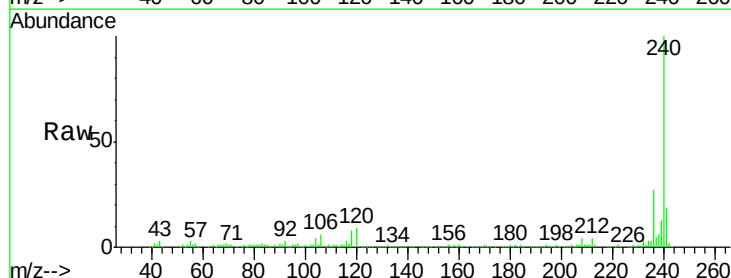


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

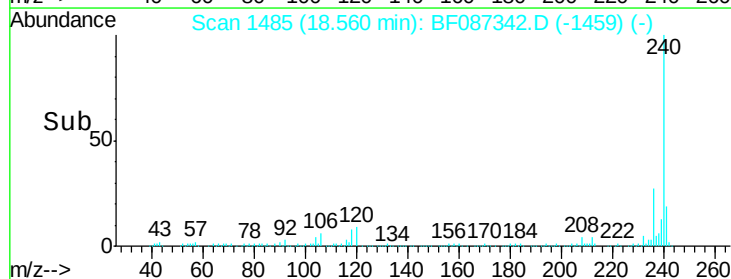
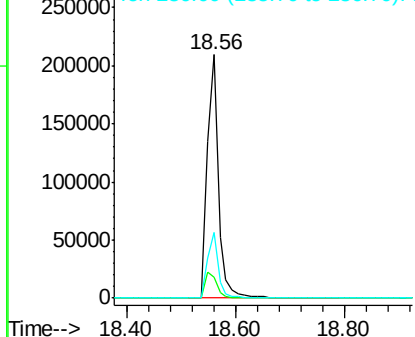


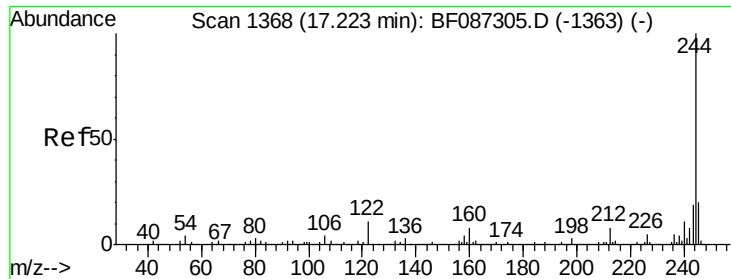
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087342.D
Acq: 24 May 2016 15:08

Tgt Ion:240 Resp: 297129
Ion Ratio Lower Upper
240 100
120 8.8 11.2 16.8#
236 26.9 21.2 31.8



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: 74.92 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

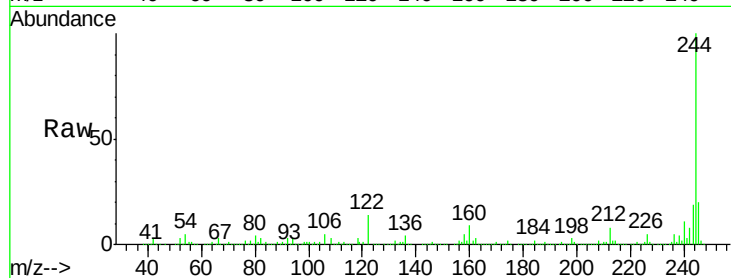
Tgt Ion:244 Resp: 1047043

Ion Ratio Lower Upper

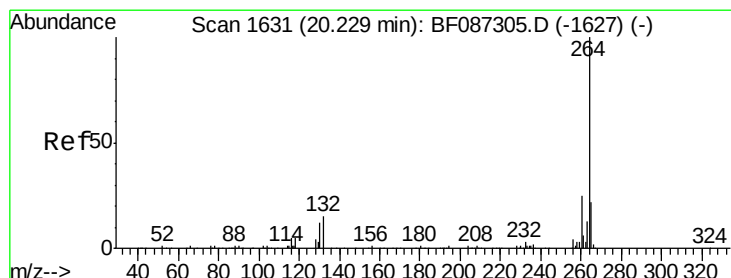
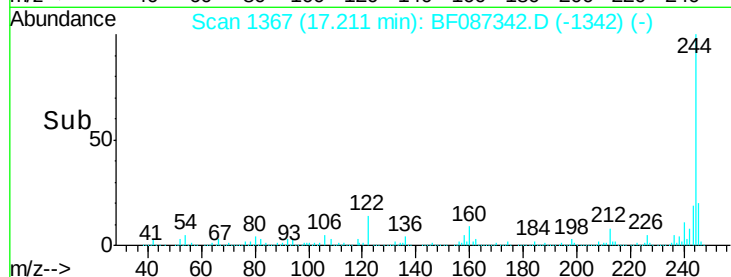
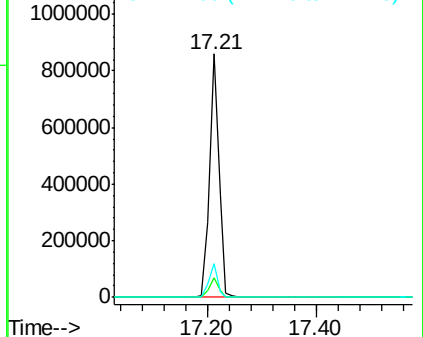
244 100

212 8.0 6.2 9.2

122 13.8 12.0 18.0



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: 20.23 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BF087342.D

Acq: 24 May 2016 15:08

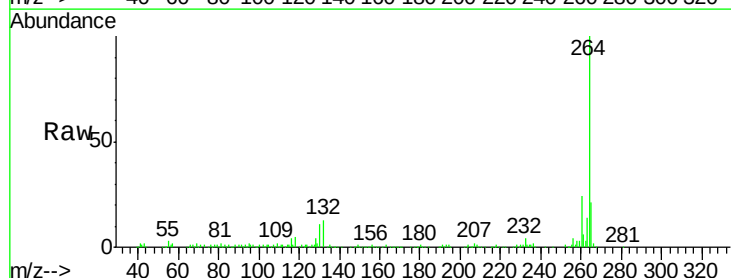
Tgt Ion:264 Resp: 250707

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.9 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

