

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087335.D
 Acq On : 24 May 2016 11:14
 Operator : UM/SJ
 Sample : H3168-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: May 24 18:49:21 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

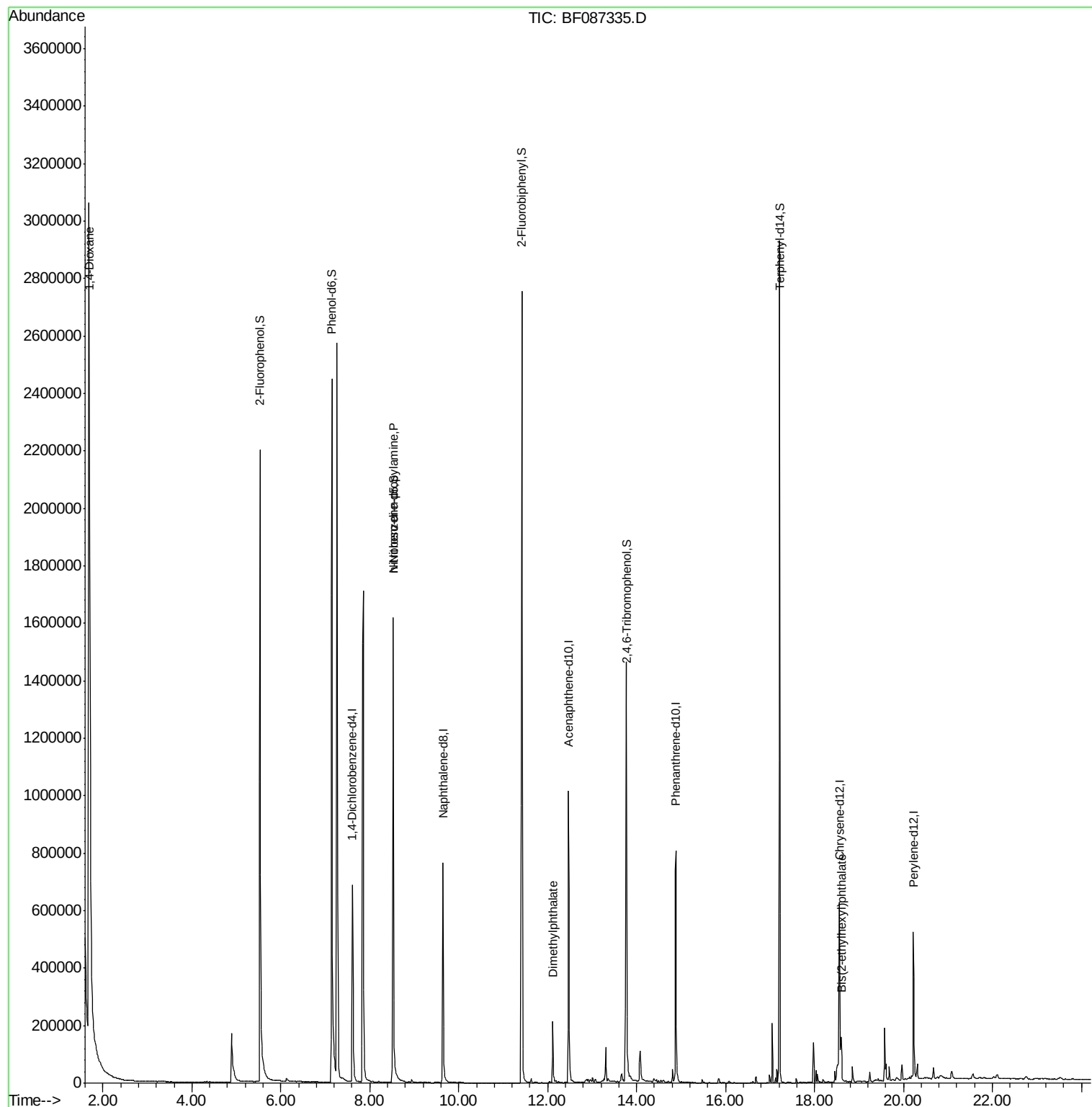
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	135250	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	578317	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	275486	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	499878	20.00	ng	0.00
75) Chrysene-d12	18.56	240	350945	20.00	ng	0.00
86) Perylene-d12	20.22	264	269291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	840679	109.22	ng	0.01
7) Phenol-d6	7.15	99	1118269	107.52	ng	-0.01
23) Nitrobenzene-d5	8.52	82	769218	67.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	250987	94.81	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1262603	64.61	ng	-0.01
78) Terphenyl-d14	17.21	244	1006771	60.99	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	153036	37.68	ng	# 22
19) n-Nitroso-di-n-propylamine	8.52	70	103370	13.33	ng	# 77
49) Dimethylphthalate	12.11	163	118843	5.39	ng	100
83) Bis(2-ethylhexyl)phthalate	18.61	149	78939	4.83	ng	# 98

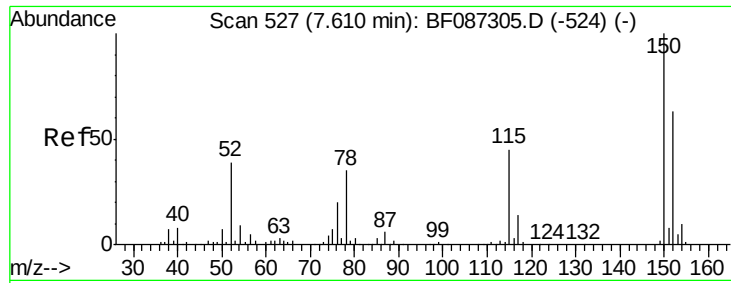
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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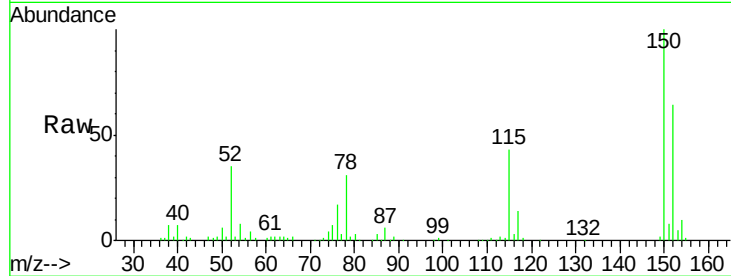


#1

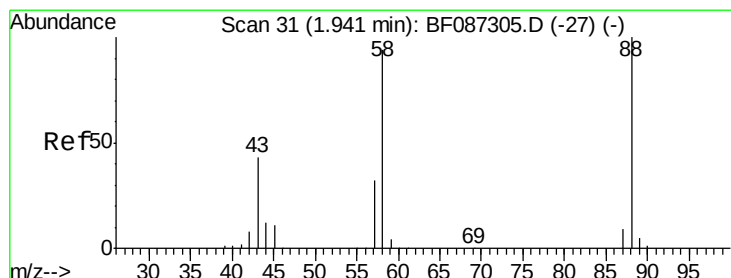
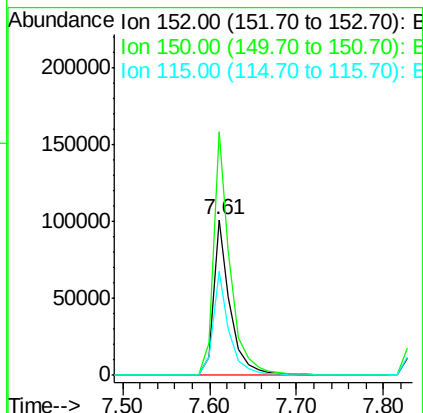
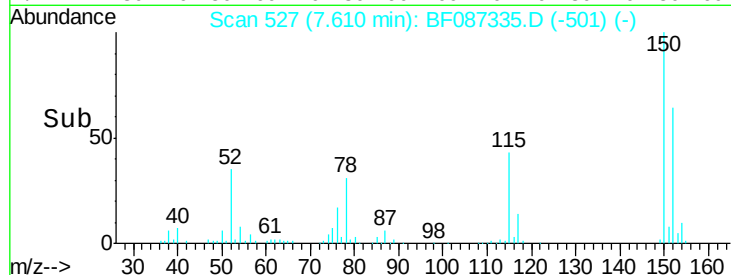
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087335.D
Acq: 24 May 2016 11:14

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tgt Ion: 152 Resp: 135250
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 66.7 51.5 77.3



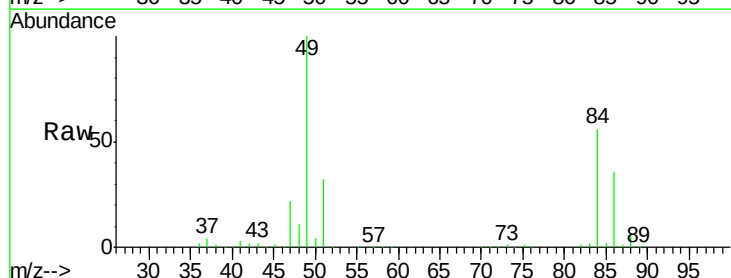
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



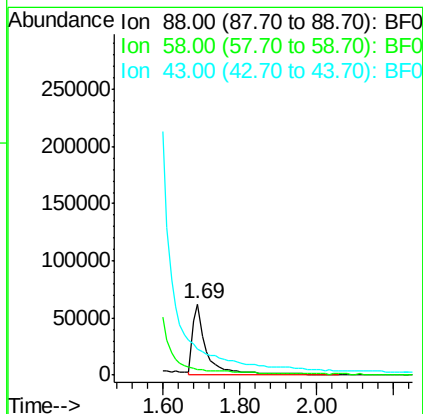
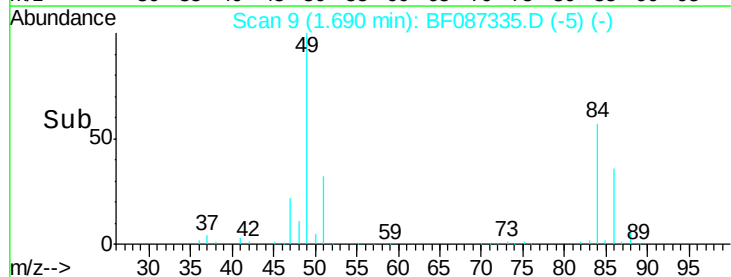
#2

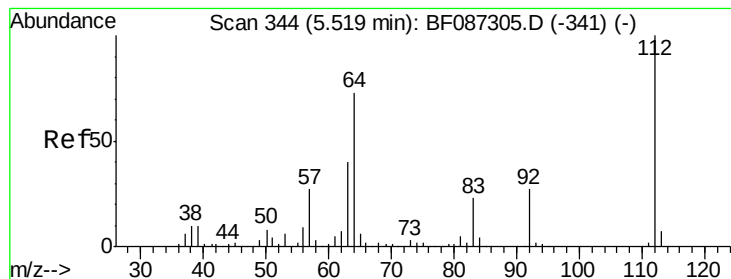
1,4-Dioxane
Concen: 37.68 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF087335.D
Acq: 24 May 2016 11:14

Tgt Ion: 88 Resp: 153036
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: 109.22 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

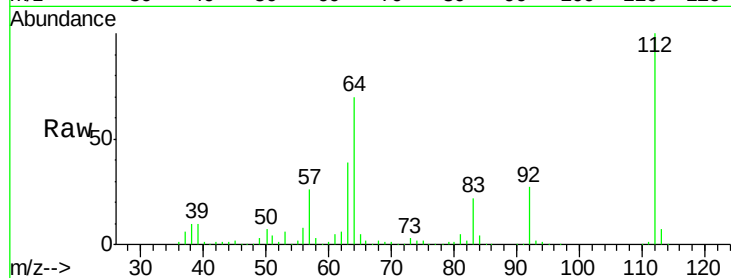
Tgt Ion: 112 Resp: 840679

Ion Ratio Lower Upper

112 100

64 70.2 52.1 78.1

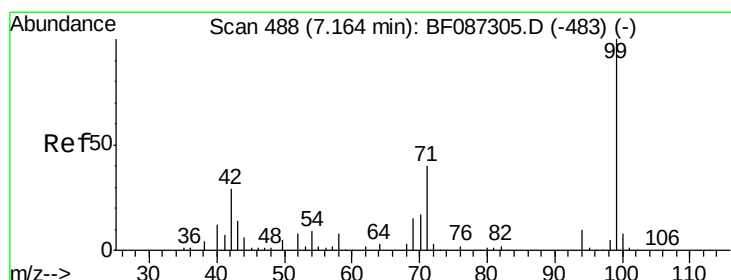
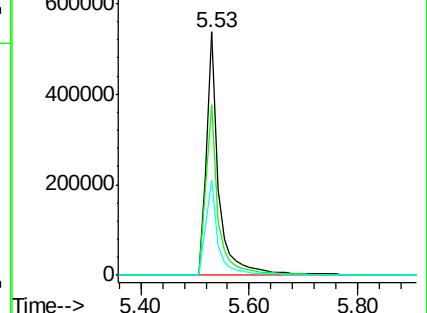
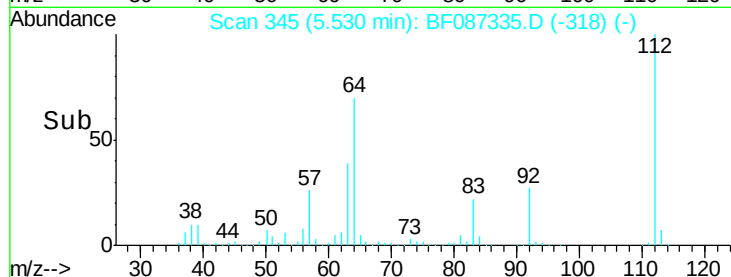
63 39.2 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 107.52 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

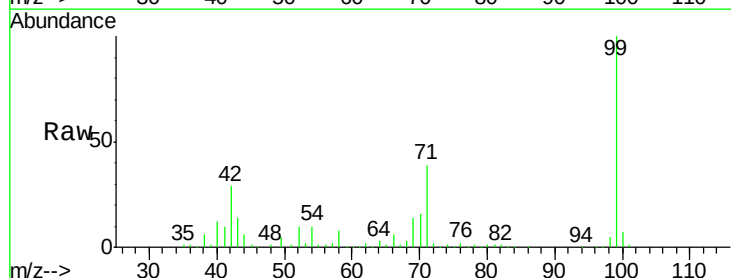
Tgt Ion: 99 Resp: 1118269

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

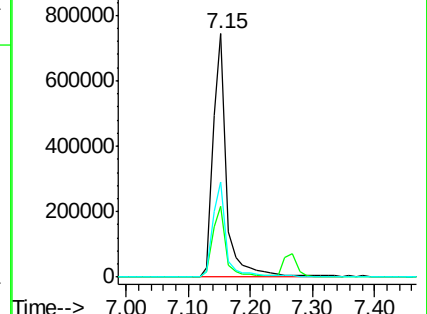
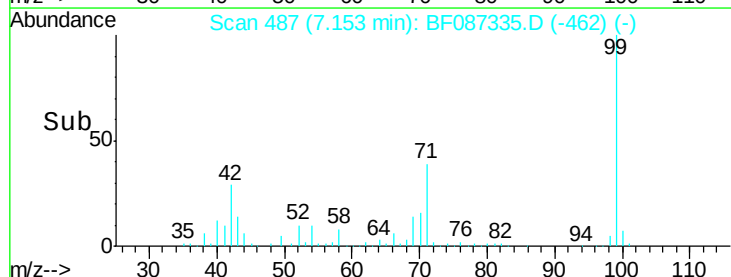
71 39.3 24.6 36.8#

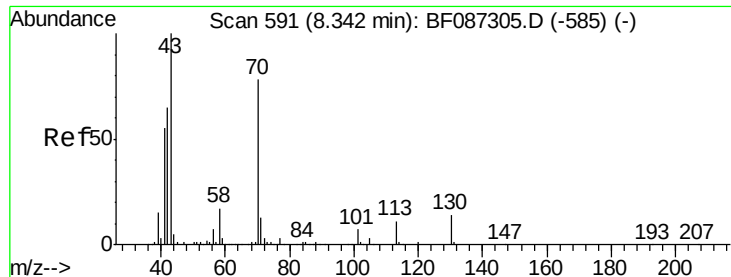


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

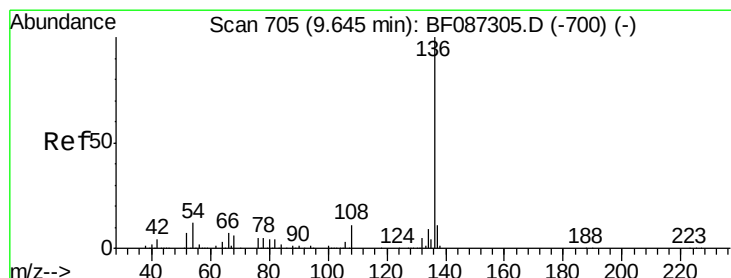
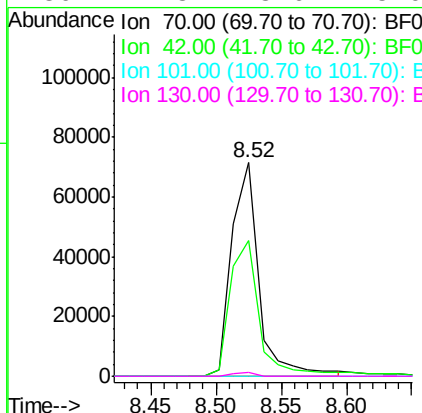
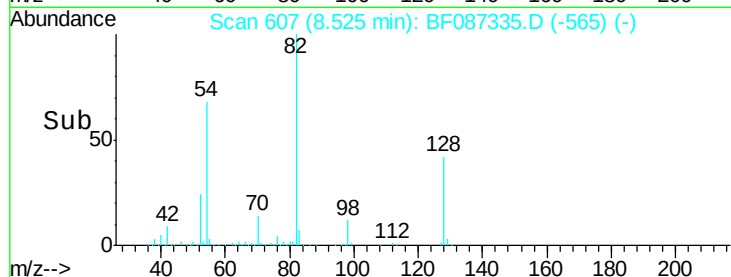
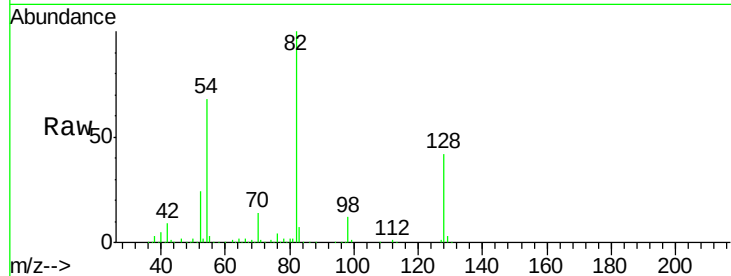




#19
n-Nitroso-di-n-propylamine
Concen: 13.33 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087335.D
Acq: 24 May 2016 11:14

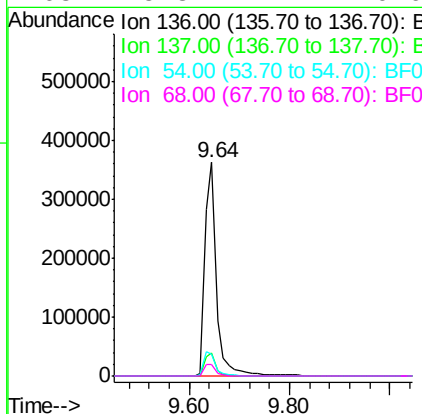
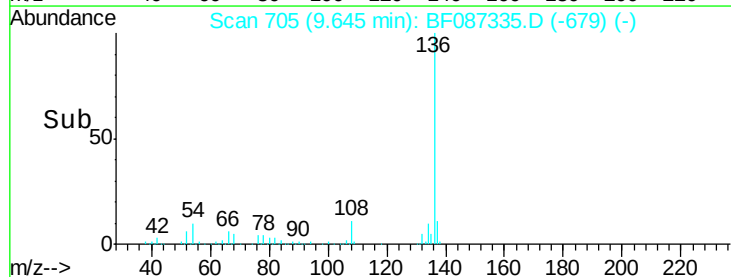
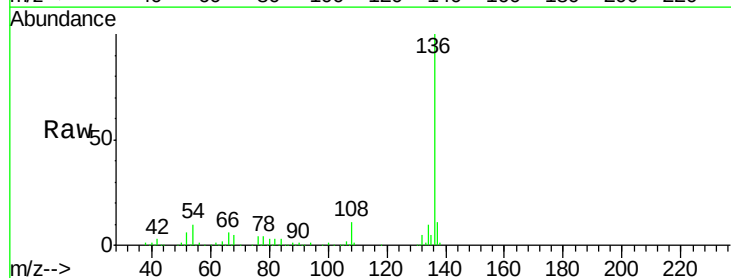
Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

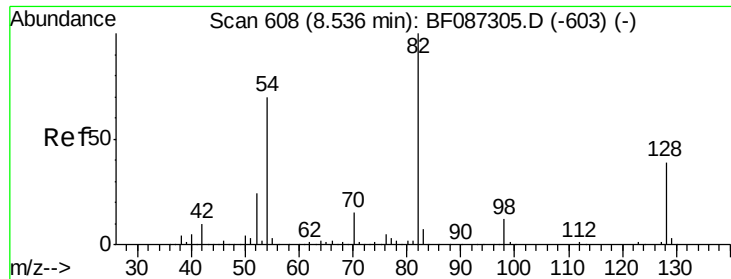
Tgt Ion: 70 Resp: 103370
Ion Ratio Lower Upper
70 100
42 63.6 43.1 64.7
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087335.D
Acq: 24 May 2016 11:14

Tgt Ion: 136 Resp: 578317
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.0 5.0 7.4#
68 5.3 4.4 6.6

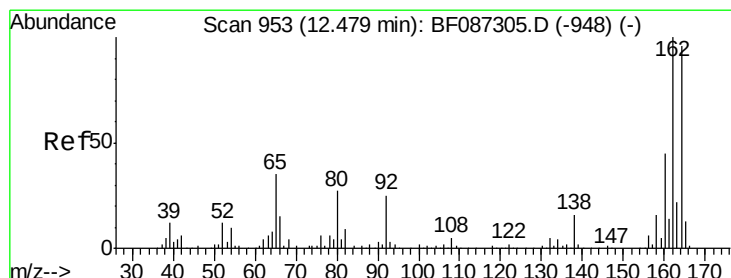
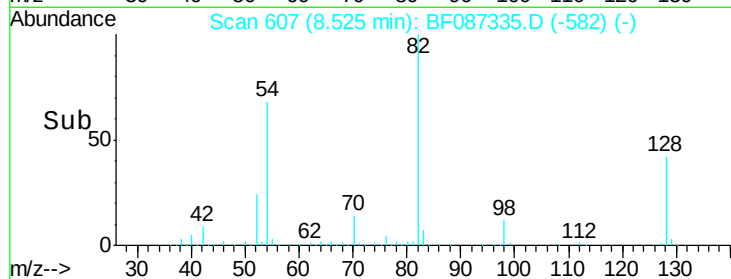
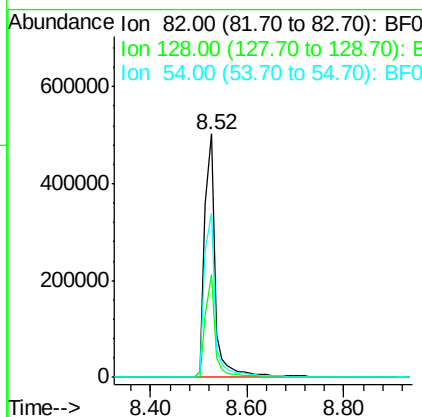
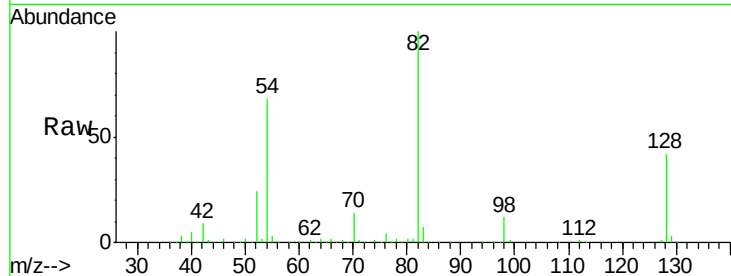




#23
 Nitrobenzene-d5
 Concen: 67.04 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087335.D
 Acq: 24 May 2016 11:14

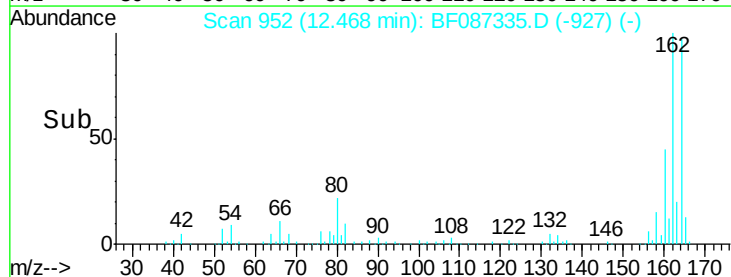
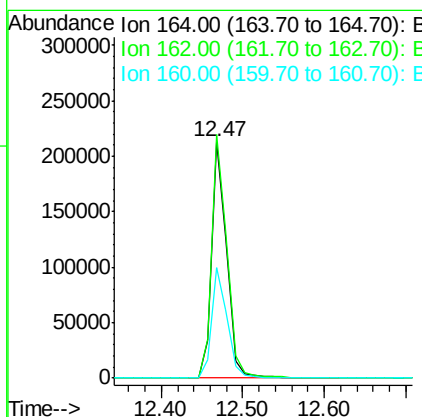
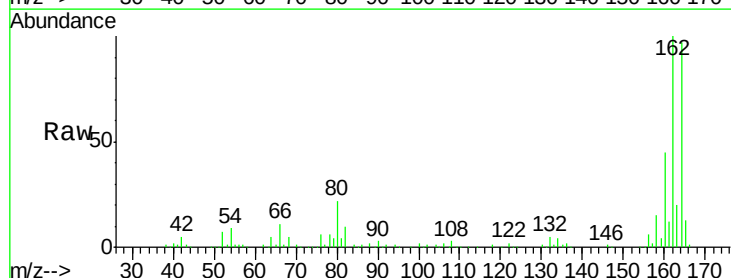
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

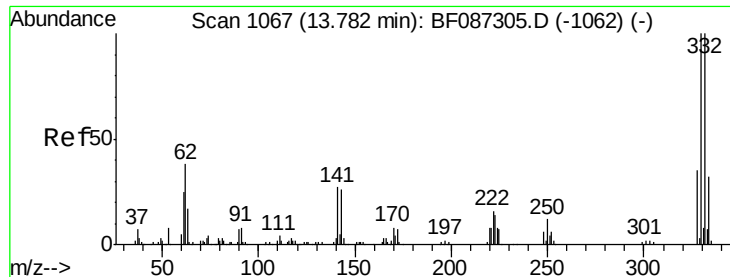
Tgt Ion: 82 Resp: 769218
 Ion Ratio Lower Upper
 82 100
 128 42.1 40.6 61.0
 54 67.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087335.D
 Acq: 24 May 2016 11:14

Tgt Ion: 164 Resp: 275486
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.7 36.9 55.3

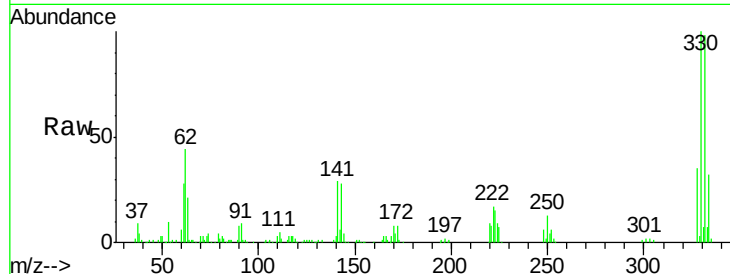




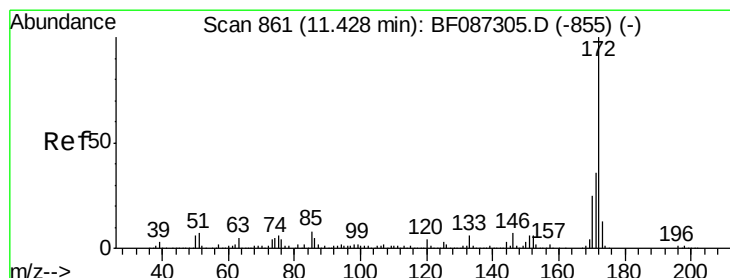
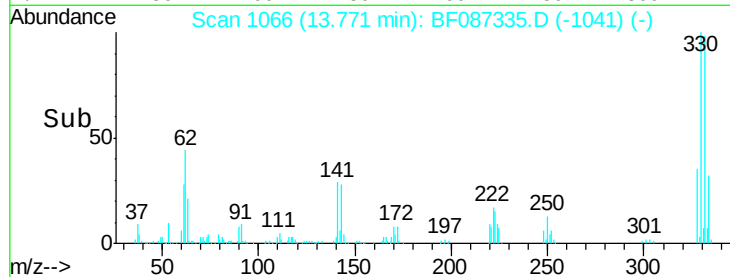
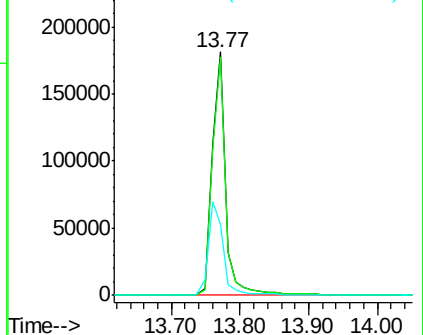
#41
 2,4,6-Tribromophenol
 Concen: 94.81 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087335.D
 Acq: 24 May 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	42.9	31.2	46.8

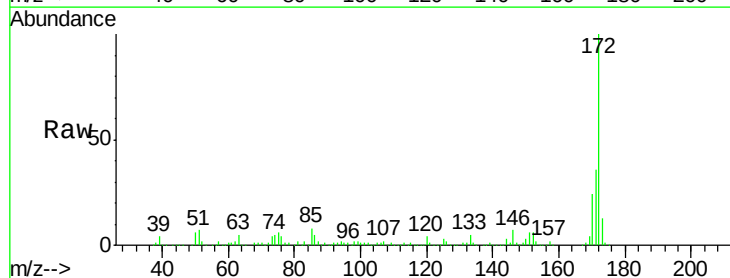


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

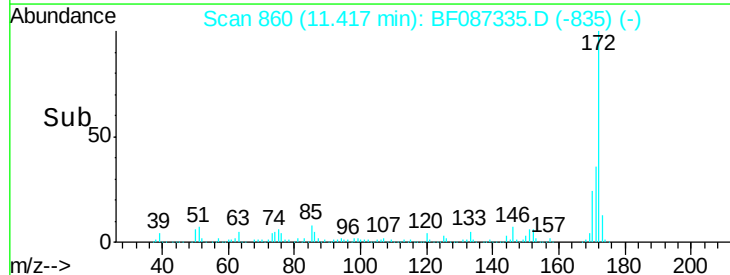
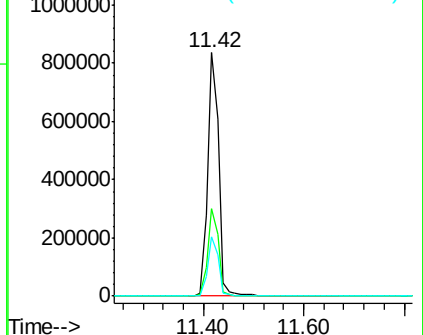


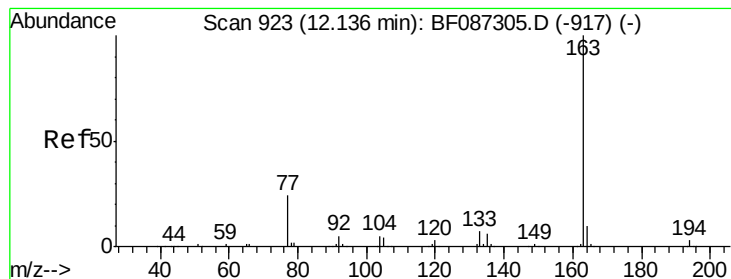
#44
 2-Fluorobiphenyl
 Concen: 64.61 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF087335.D
 Acq: 24 May 2016 11:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 5.39 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

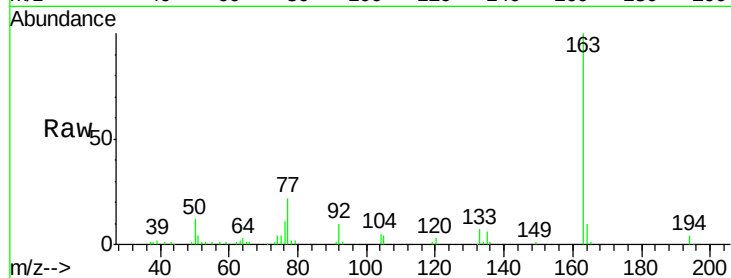
Tgt Ion:163 Resp: 118843

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

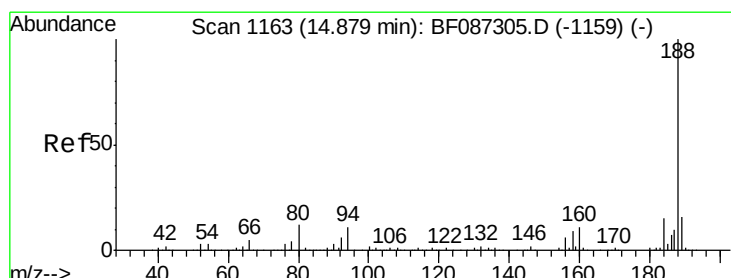
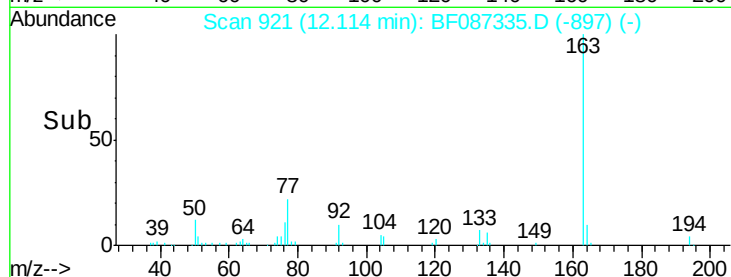
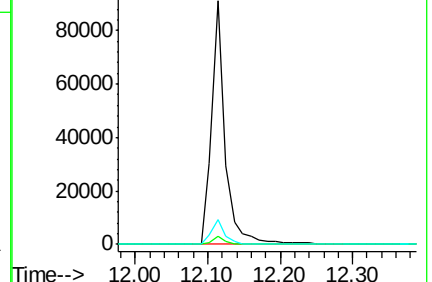
164 10.3 8.2 12.4



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: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

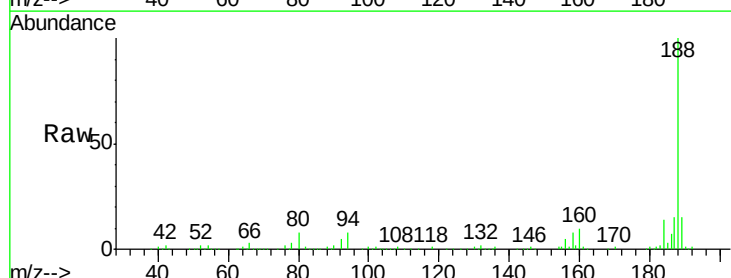
Tgt Ion:188 Resp: 499878

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

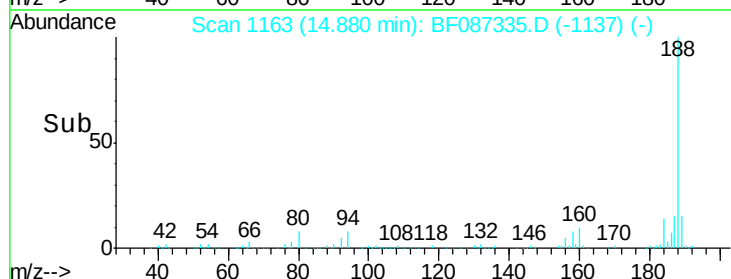
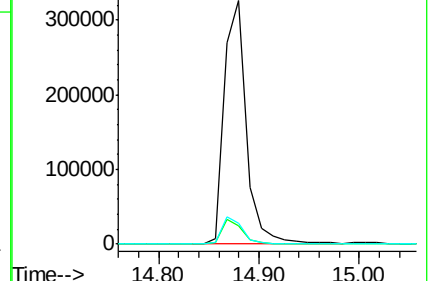
80 8.5 7.1 10.7

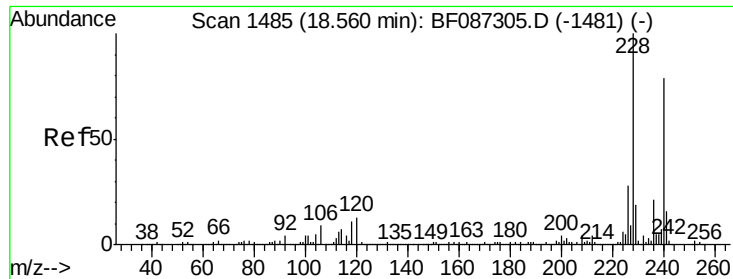


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087335.D

Acq: 24 May 2016 11:14

Instrument :

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SB-12-COMP

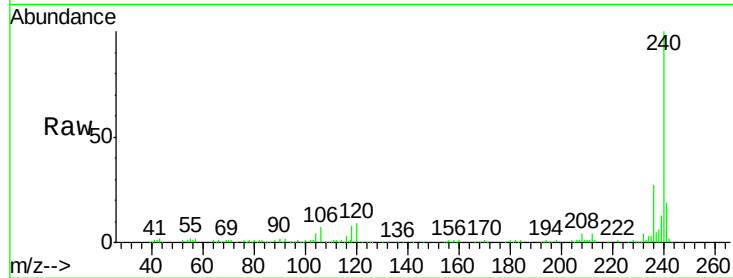
Tgt Ion:240 Resp: 350945

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

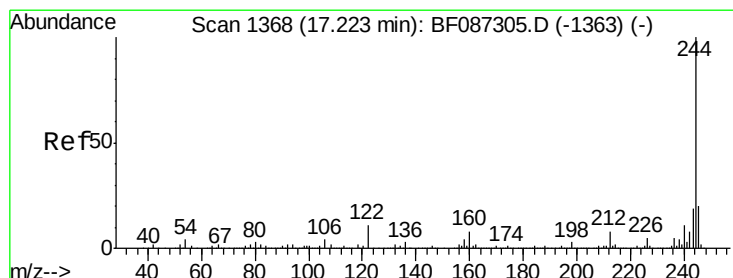
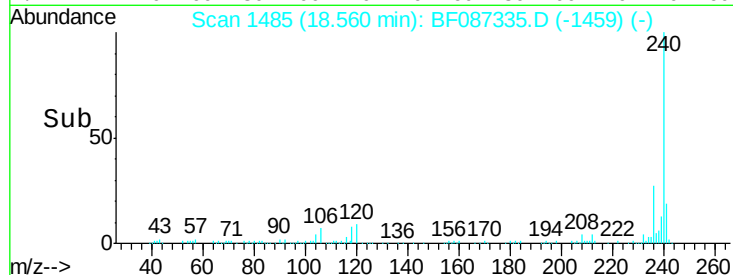
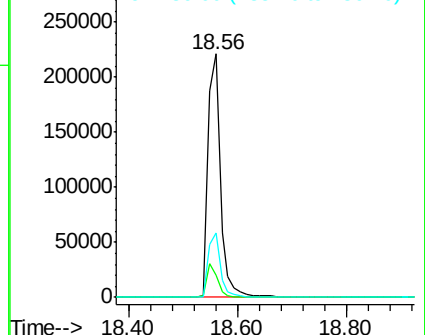
236 26.6 21.2 31.8



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: 60.99 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

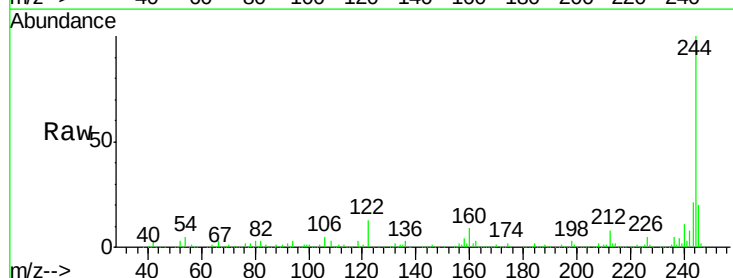
Tgt Ion:244 Resp: 1006771

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

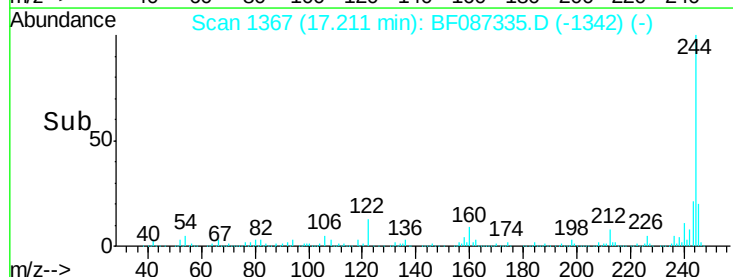
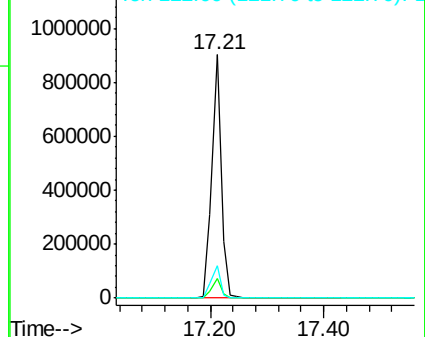
122 13.1 12.0 18.0

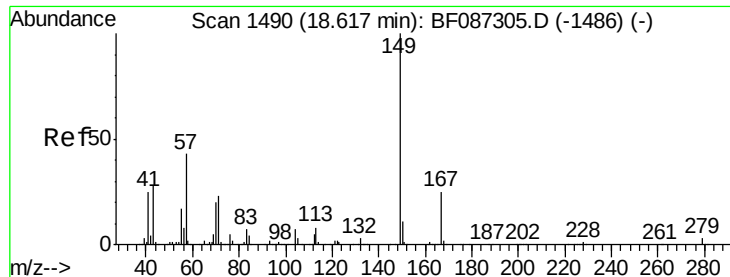


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.83 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

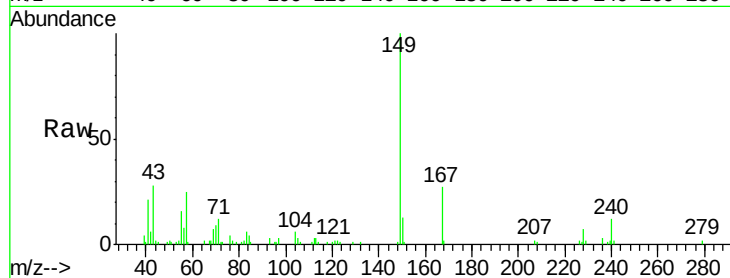
Tgt Ion:149 Resp: 78939

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

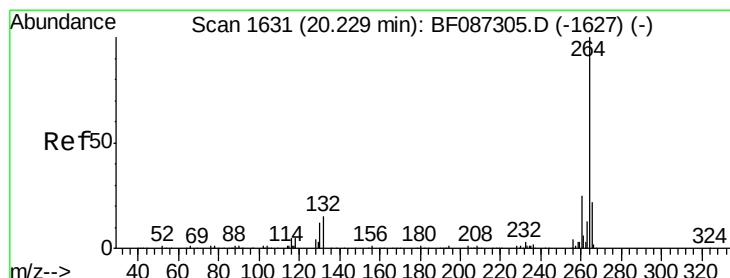
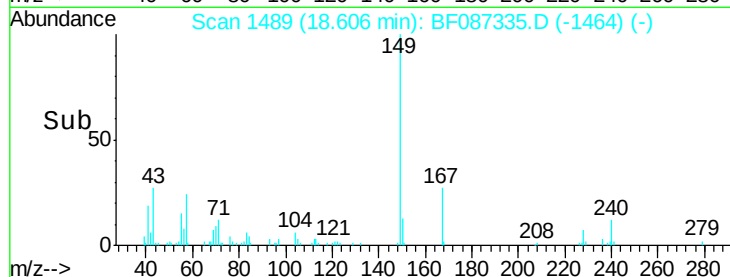
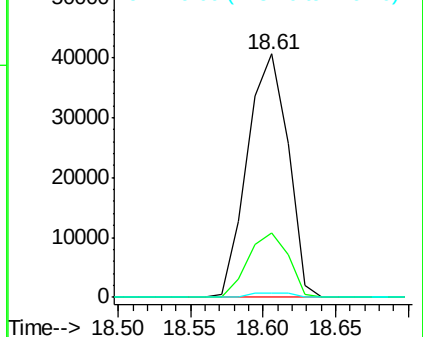
279 1.7 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087335.D

Acq: 24 May 2016 11:14

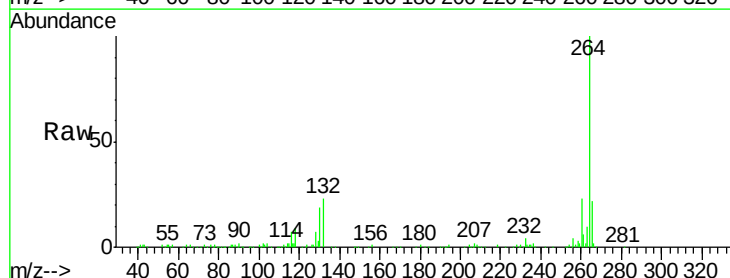
Tgt Ion:264 Resp: 269291

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.8 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

