

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087399.D
 Acq On : 26 May 2016 7:01
 Operator : UM/SJ
 Sample : H3220-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Quant Time: May 26 08:36:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

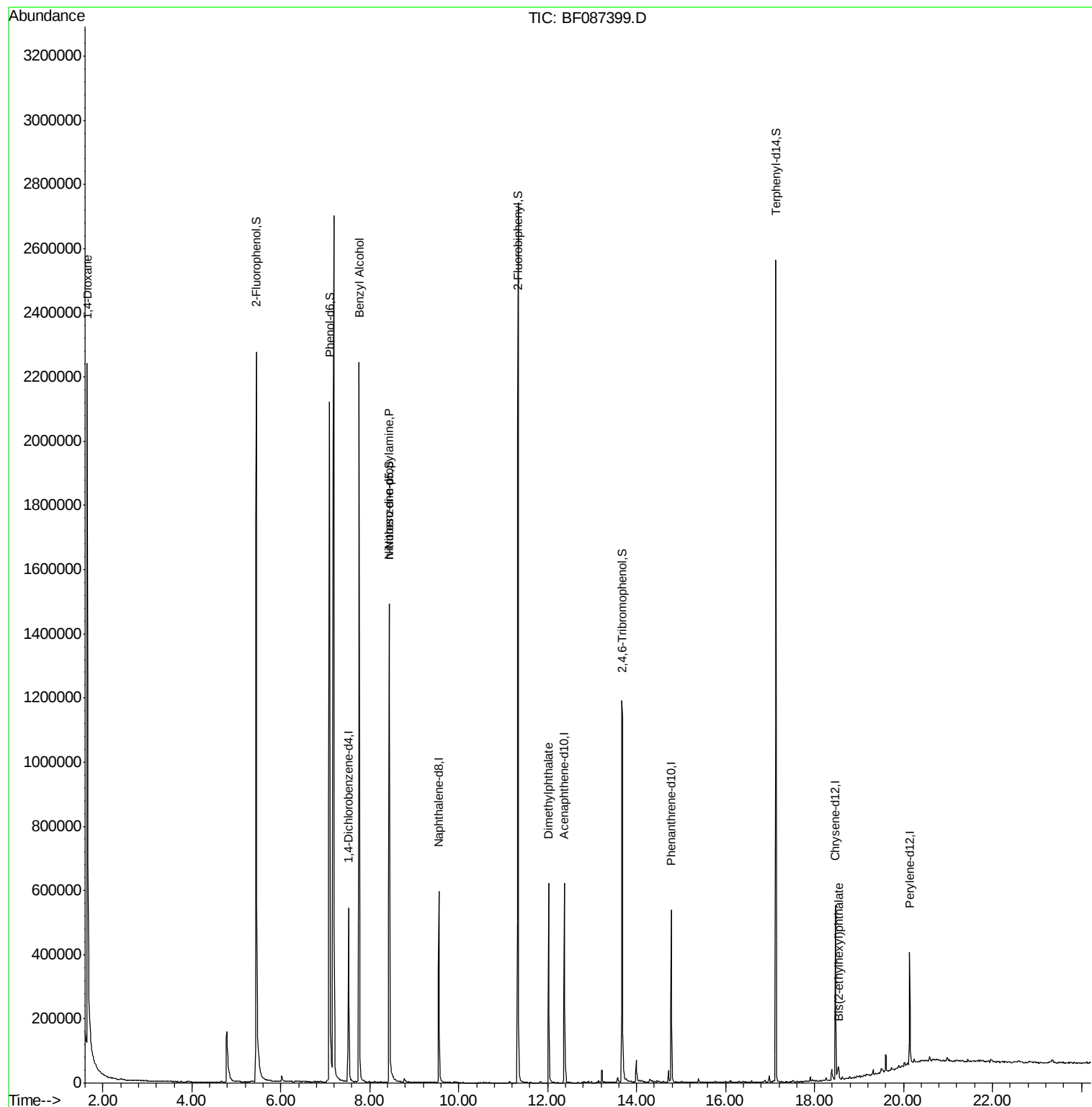
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96562	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	380781	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	156392	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	261916	20.00	ng	0.00
75) Chrysene-d12	18.47	240	224507	20.00	ng	-0.01
86) Perylene-d12	20.14	264	156183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	886484	161.32	ng	0.03
7) Phenol-d6	7.10	99	1211484	163.15	ng	0.02
23) Nitrobenzene-d5	8.43	82	770340	101.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	200574	133.46	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1198599	108.05	ng	0.00
78) Terphenyl-d14	17.13	244	883404	83.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	70662	24.37	ng	# 22
15) Benzyl Alcohol	7.76	79	13883	2.56	ng	# 37
19) n-Nitroso-di-n-propylamine	8.43	70	104758	18.92	ng	# 72
49) Dimethylphthalate	12.02	163	303770	24.25	ng	100
83) Bis(2-ethylhexyl)phthalate	18.54	149	27272	2.61	ng	# 98

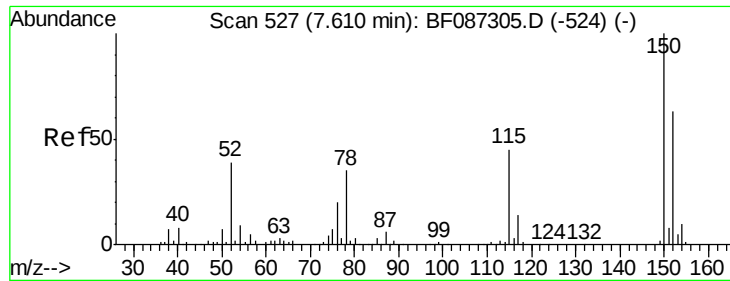
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

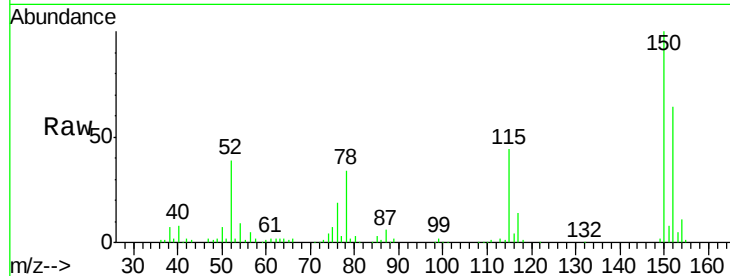
Tgt Ion:152 Resp: 96562

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

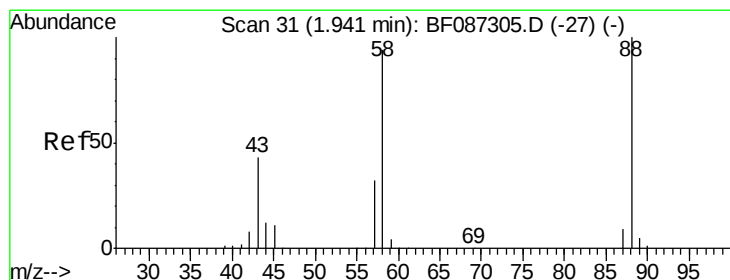
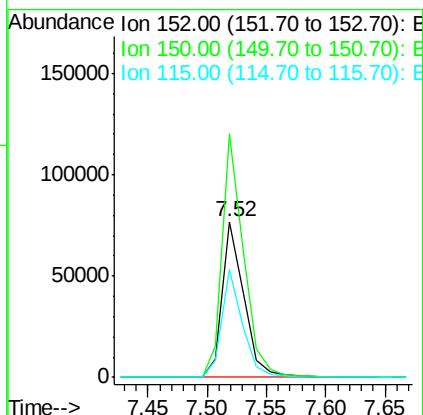
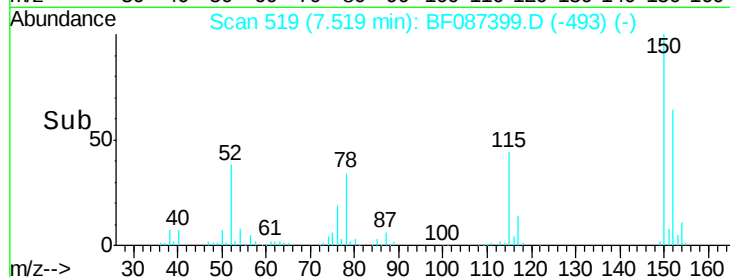
115 69.5 51.5 77.3



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: 24.37 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

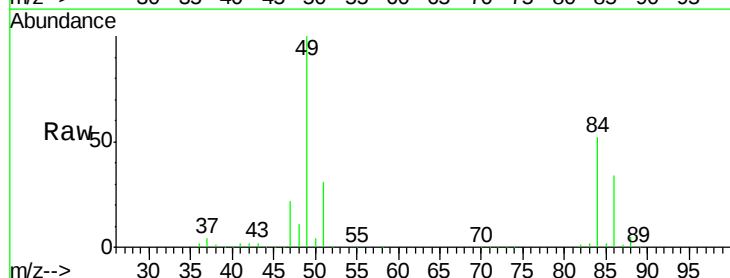
Tgt Ion: 88 Resp: 70662

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

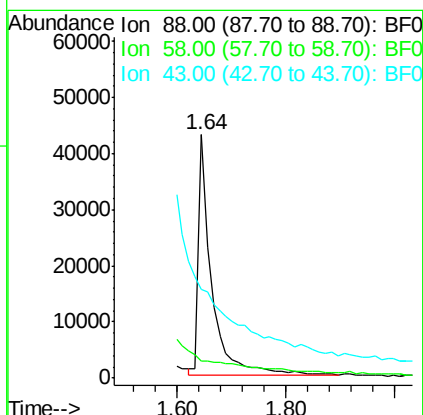
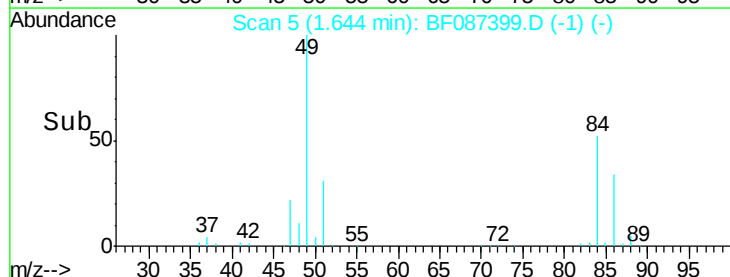
43 0.0 21.8 32.6#

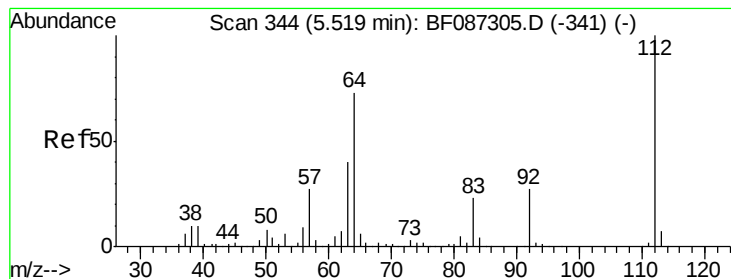


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 161.32 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

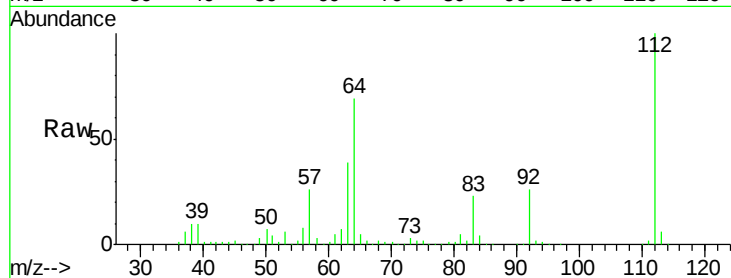
Tgt Ion: 112 Resp: 886484

Ion Ratio Lower Upper

112 100

64 68.9 52.1 78.1

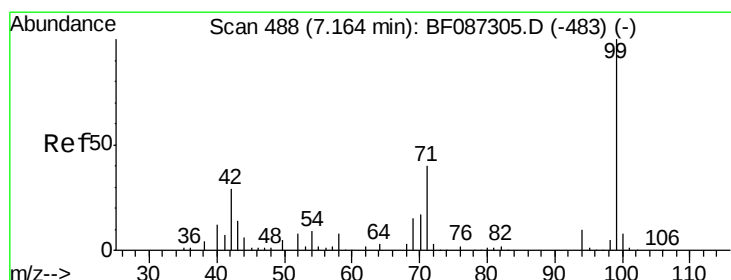
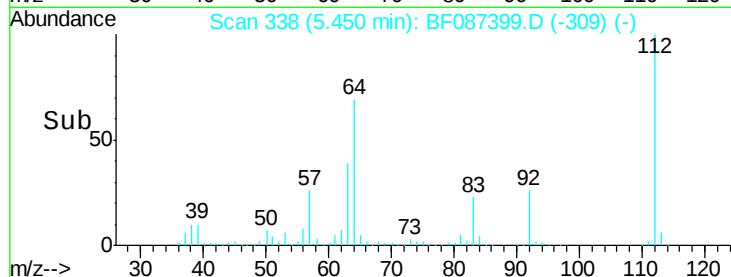
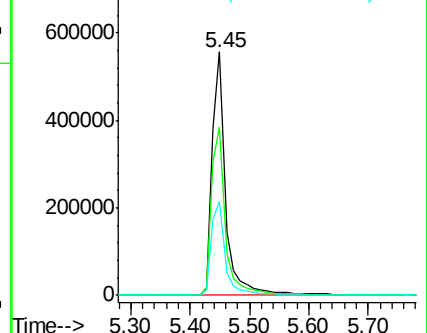
63 38.7 25.7 38.5#



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: 163.15 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

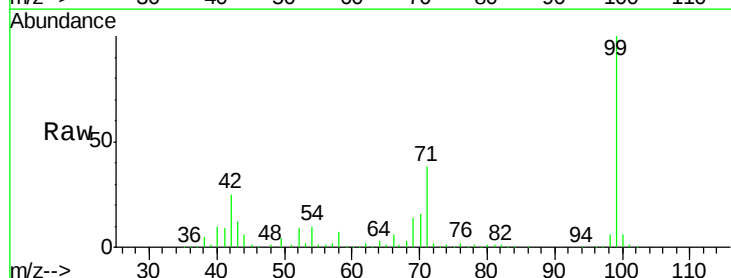
Tgt Ion: 99 Resp: 1211484

Ion Ratio Lower Upper

99 100

42 25.5 13.6 20.4#

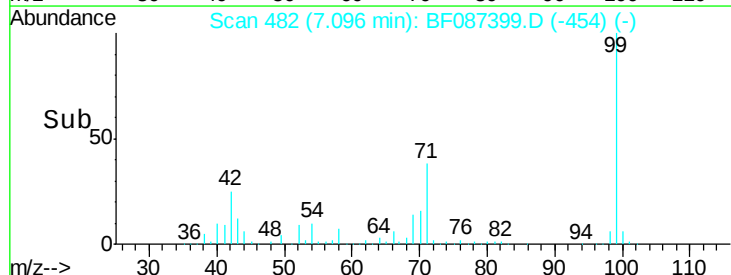
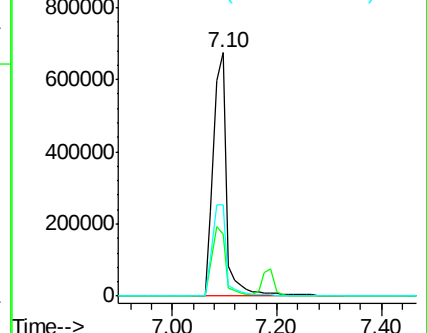
71 37.5 24.6 36.8#

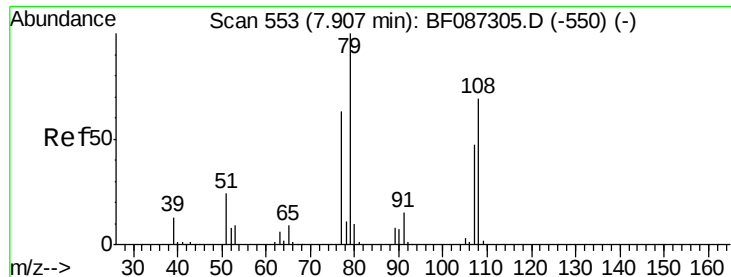


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.56 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

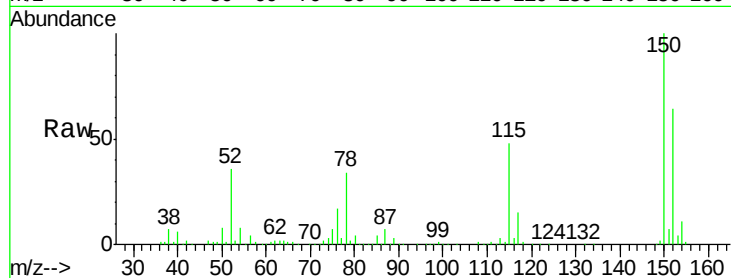
Tgt Ion: 79 Resp: 13883

Ion Ratio Lower Upper

79 100

108 33.1 68.4 102.6#

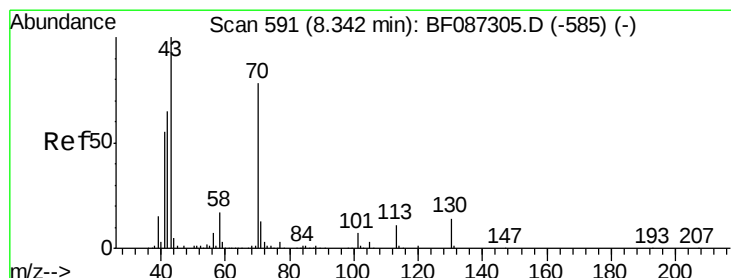
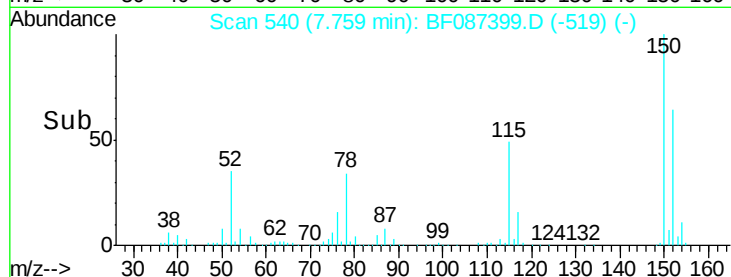
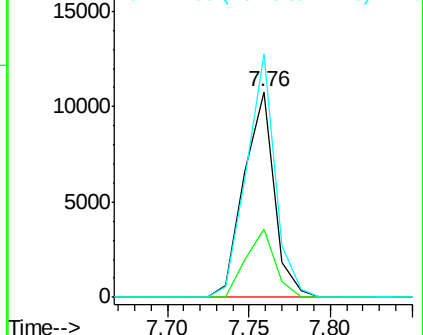
77 118.3 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.92 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Tgt Ion: 70 Resp: 104758

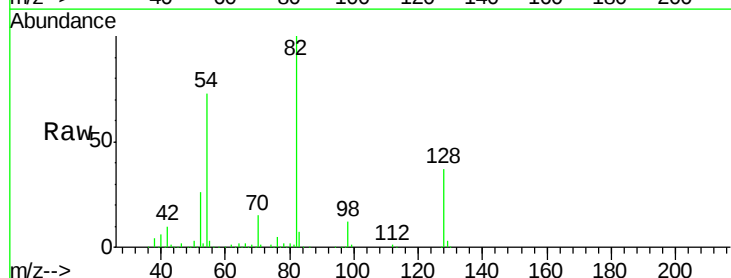
Ion Ratio Lower Upper

70 100

42 68.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

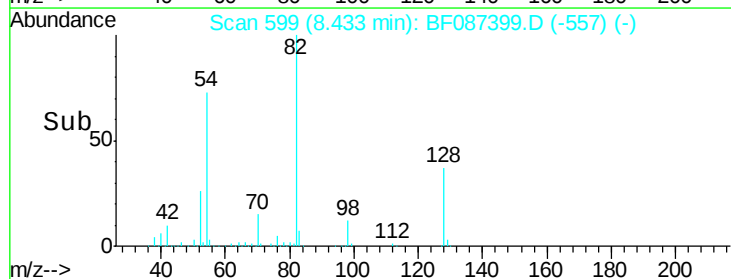
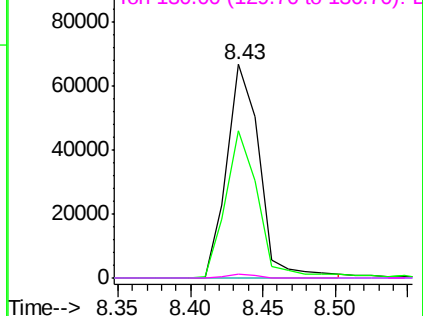


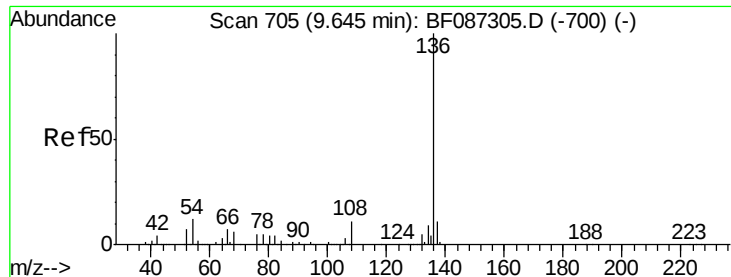
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

Tgt Ion:136 Resp: 380781

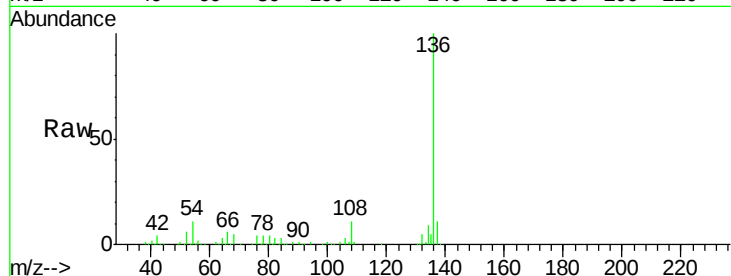
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.7 5.0 7.4#

68 5.3 4.4 6.6

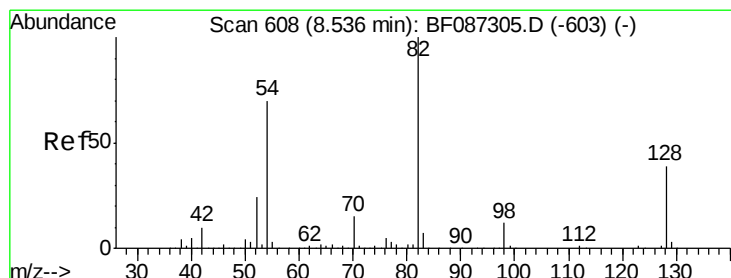
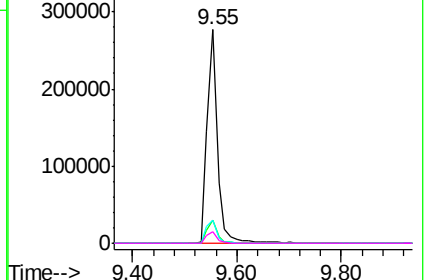
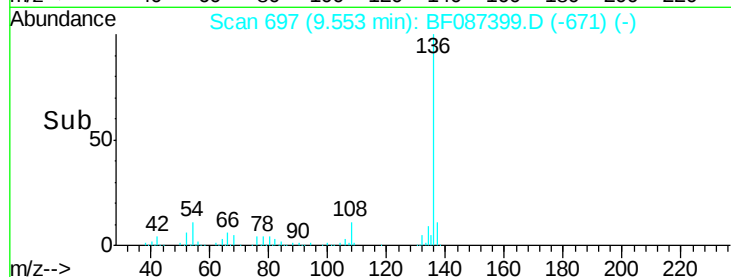


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.96 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF087399.D

Acq: 26 May 2016 7:01

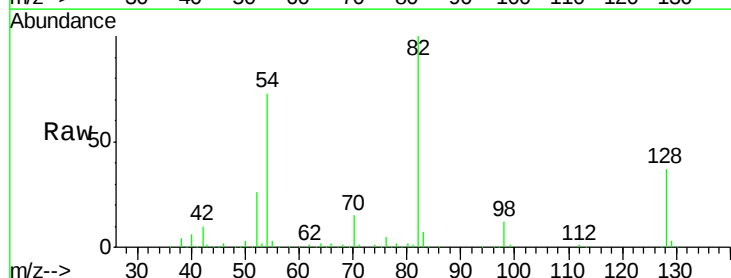
Tgt Ion: 82 Resp: 770340

Ion Ratio Lower Upper

82 100

128 37.1 40.6 61.0#

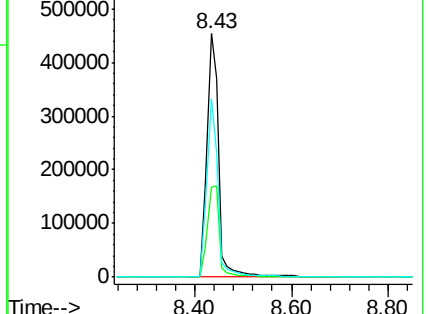
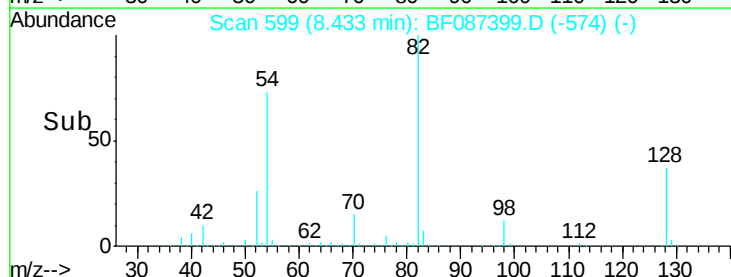
54 73.4 38.1 57.1#



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

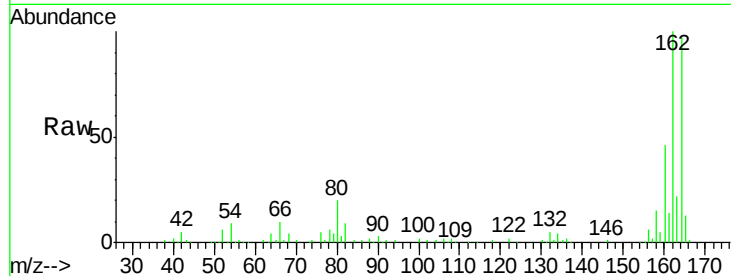




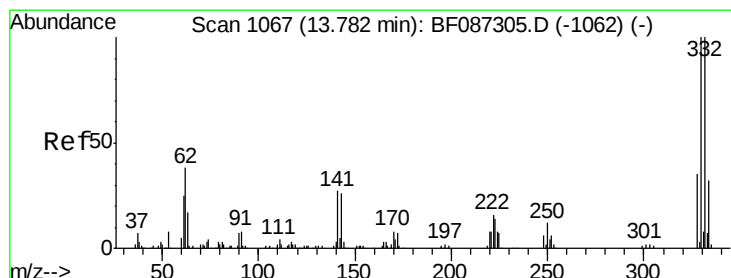
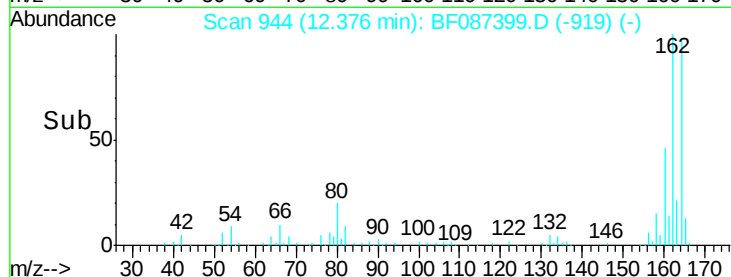
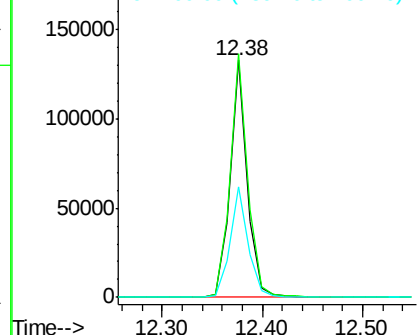
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087399.D
 Acq: 26 May 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Tgt Ion:164 Resp: 156392
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 46.8 36.9 55.3

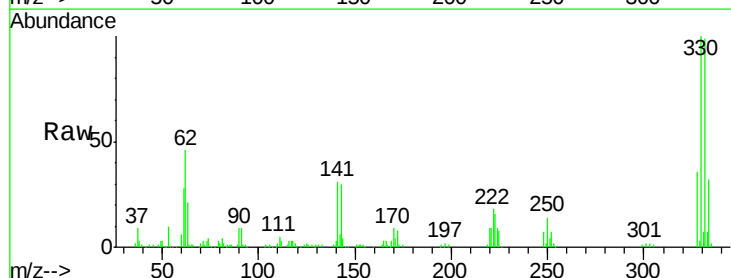


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

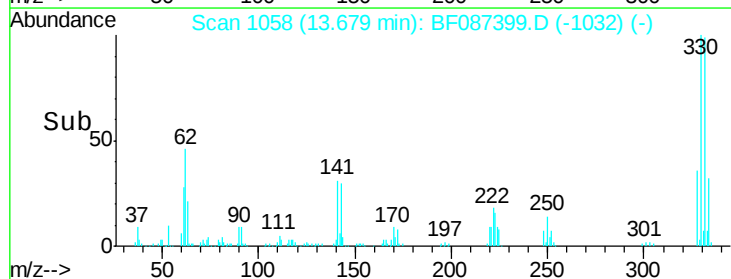
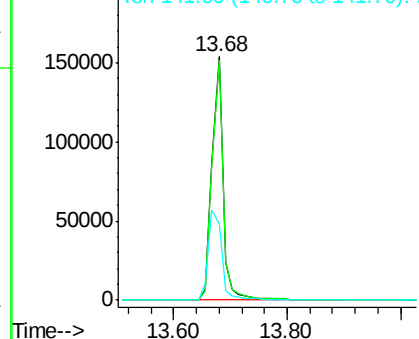


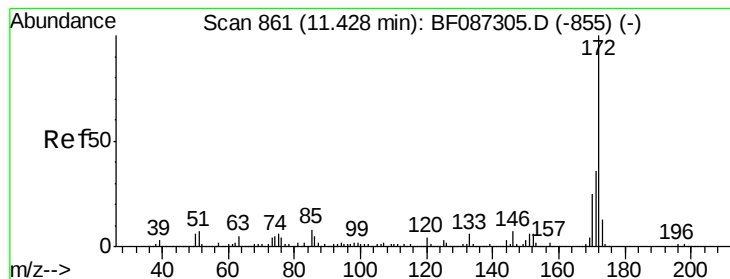
#41
 2,4,6-Tribromophenol
 Concen: 133.46 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087399.D
 Acq: 26 May 2016 7:01

Tgt Ion:330 Resp: 200574
 Ion Ratio Lower Upper
 330 100
 332 98.2 79.0 118.4
 141 44.6 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

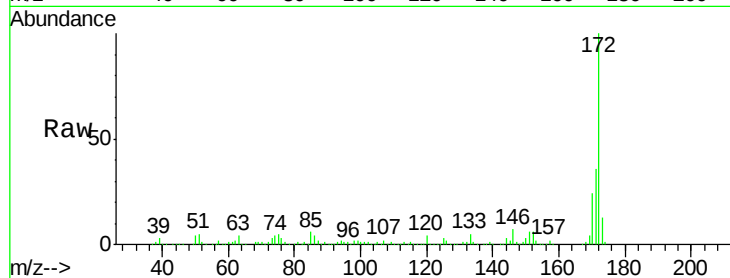




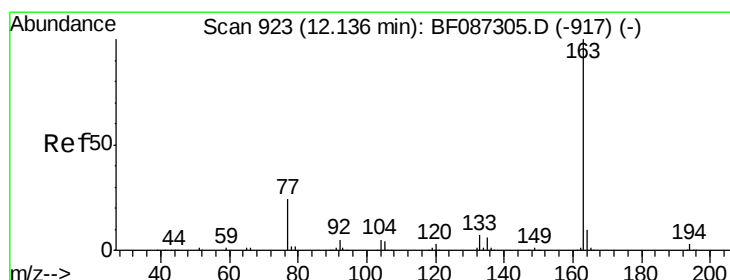
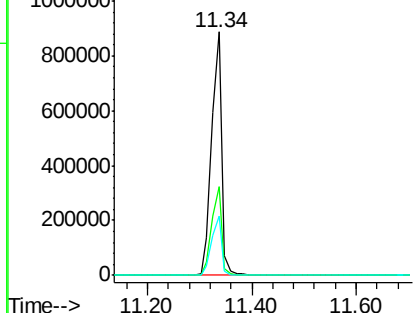
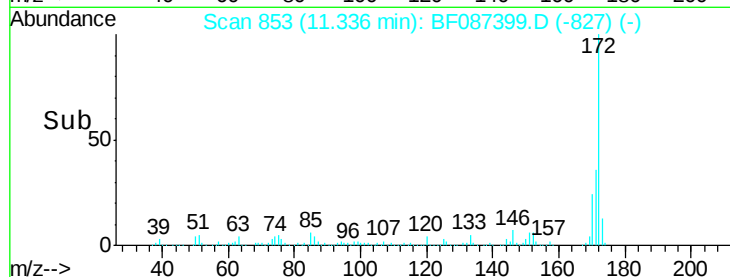
#44
 2-Fluorobiphenyl
 Concen: 108.05 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087399.D
 Acq: 26 May 2016 7:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Tgt Ion:172 Resp: 1198599
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.3 19.8 29.8

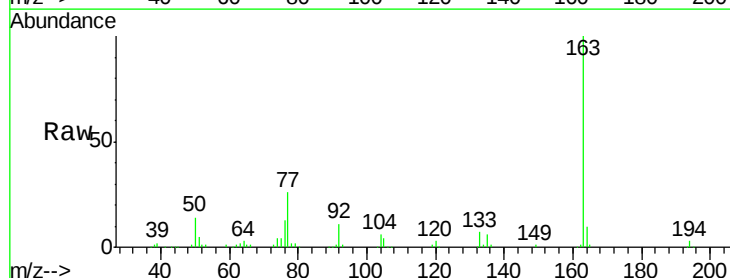


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

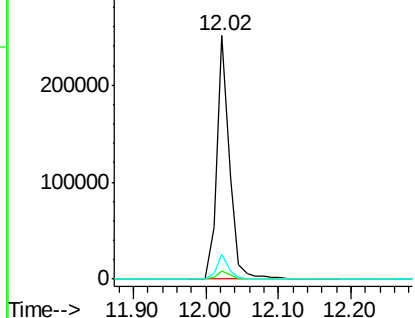
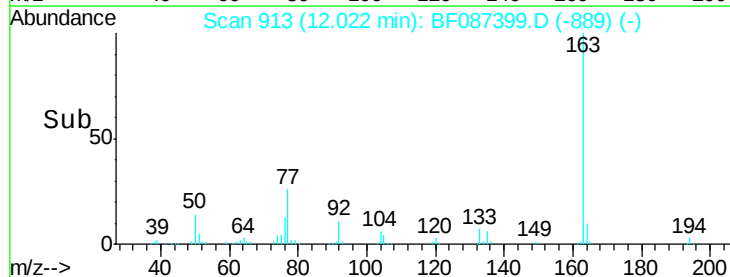


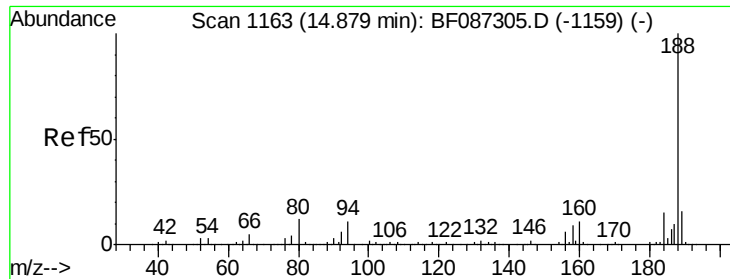
#49
 Dimethylphthalate
 Concen: 24.25 ng
 RT: 12.02 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BF087399.D
 Acq: 26 May 2016 7:01

Tgt Ion:163 Resp: 303770
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.2 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

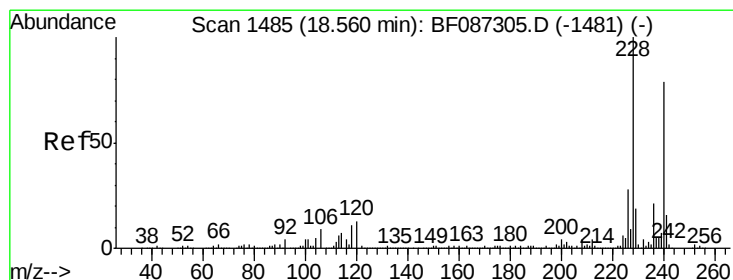
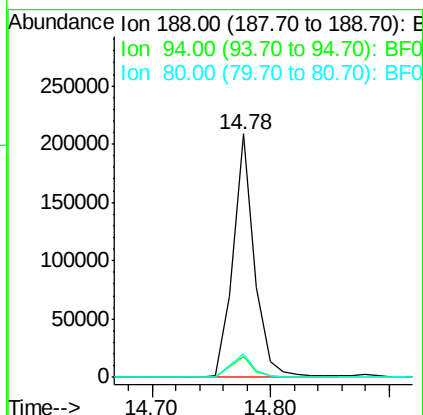
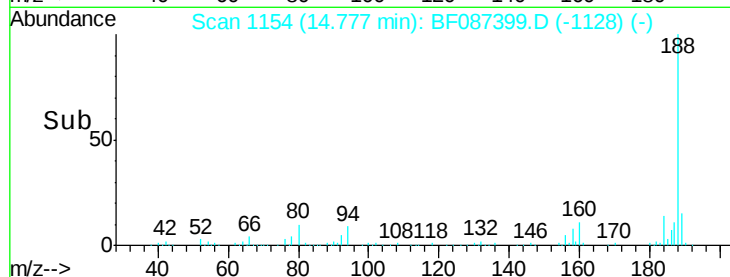
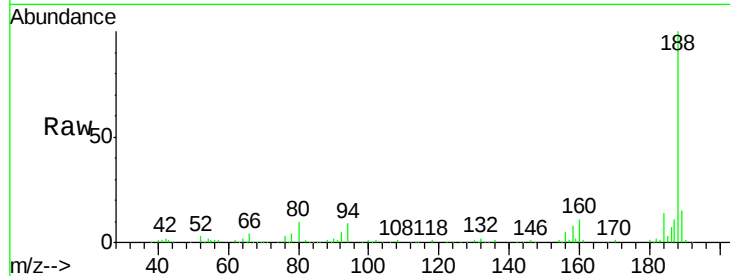




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087399.D
Acq: 26 May 2016 7:01

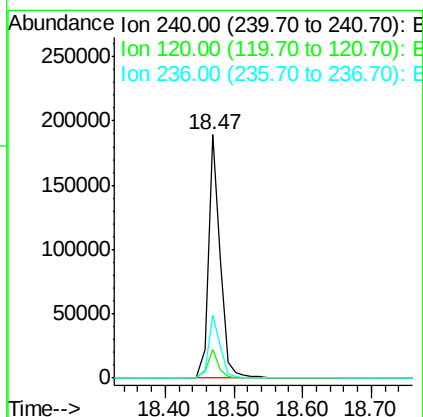
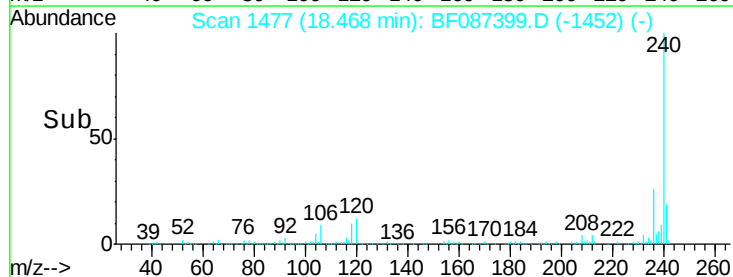
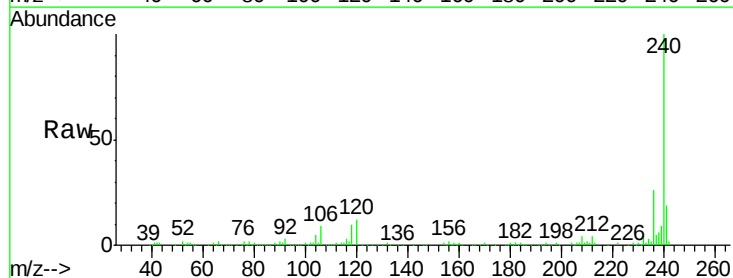
Instrument :
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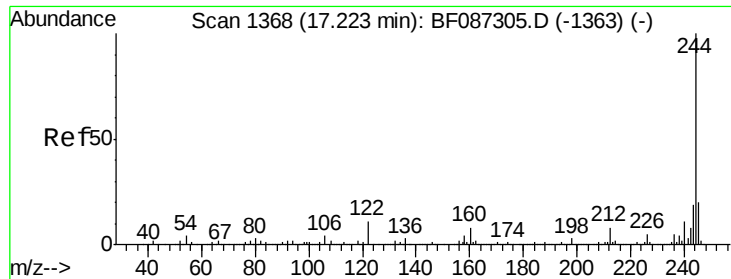
Tgt Ion:188 Resp: 261916
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.8 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087399.D
Acq: 26 May 2016 7:01

Tgt Ion:240 Resp: 224507
Ion Ratio Lower Upper
240 100
120 11.8 11.2 16.8
236 26.0 21.2 31.8

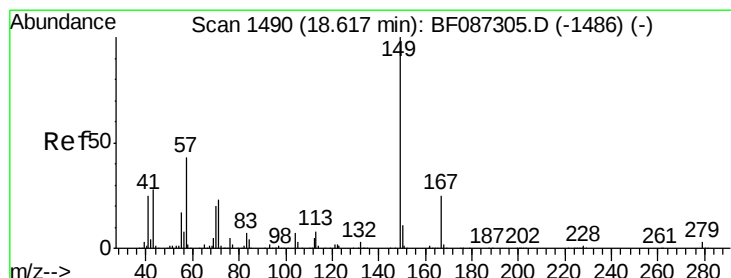
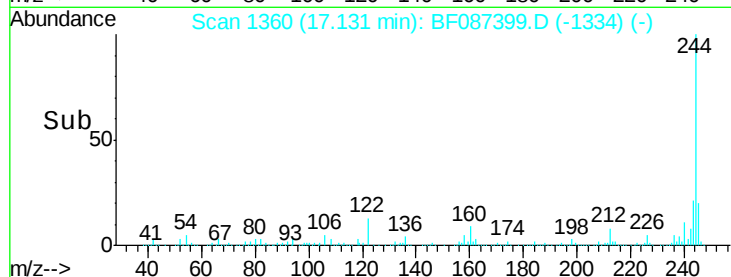
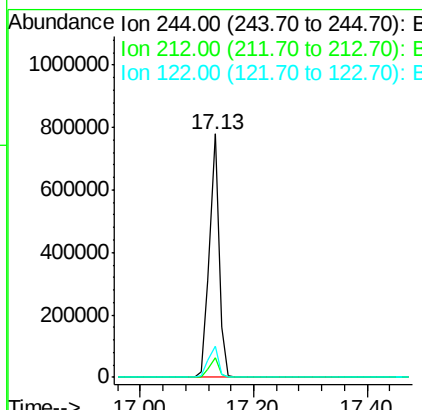
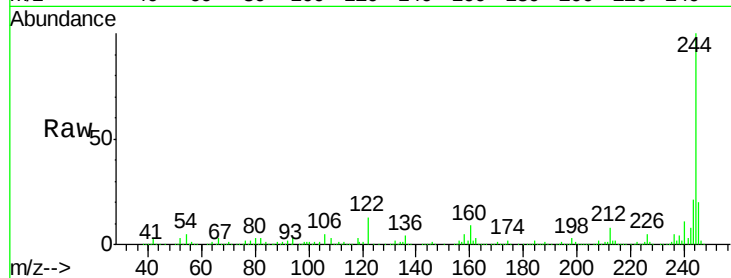




#78
 Terphenyl-d14
 Concen: 83.66 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF087399.D
 Acq: 26 May 2016 7:01

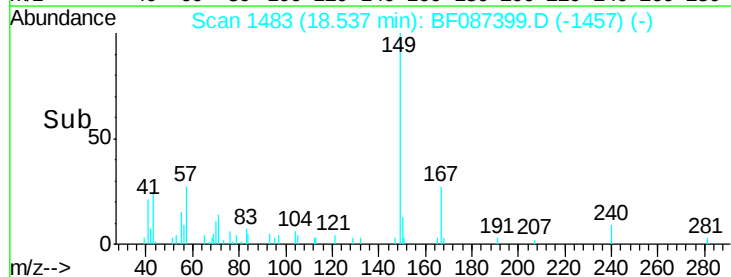
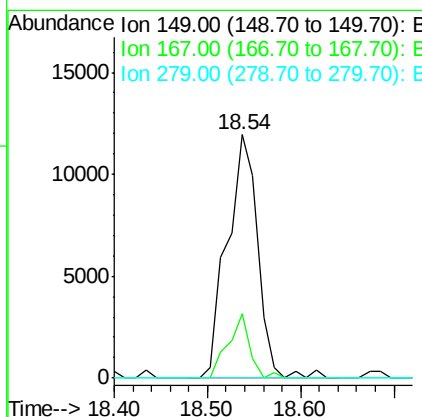
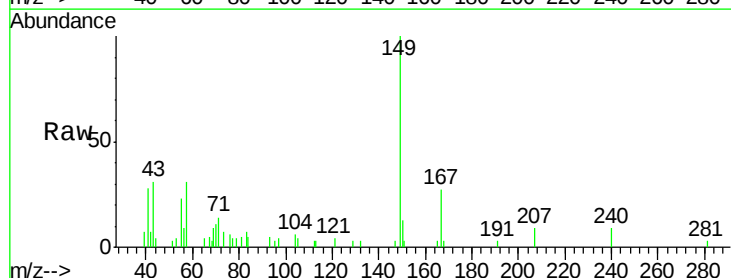
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

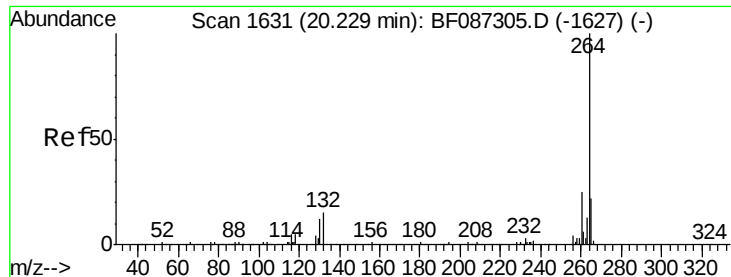
Tgt Ion: 244 Resp: 883404
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 12.6 12.0 18.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.61 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087399.D
 Acq: 26 May 2016 7:01

Tgt Ion: 149 Resp: 27272
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.8 32.6
 279 0.0 2.6 4.0#

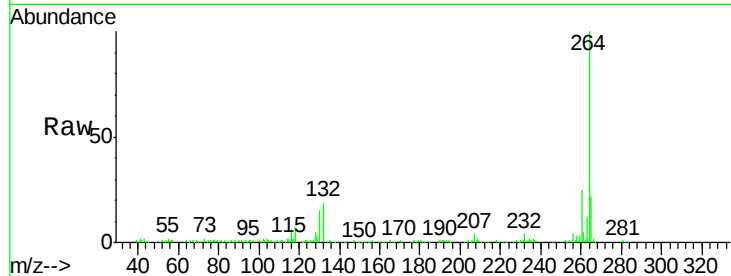




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087399.D
Acq: 26 May 2016 7:01

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	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

