

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087398.D
 Acq On : 26 May 2016 6:28
 Operator : UM/SJ
 Sample : H3220-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Quant Time: May 26 08:36:03 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

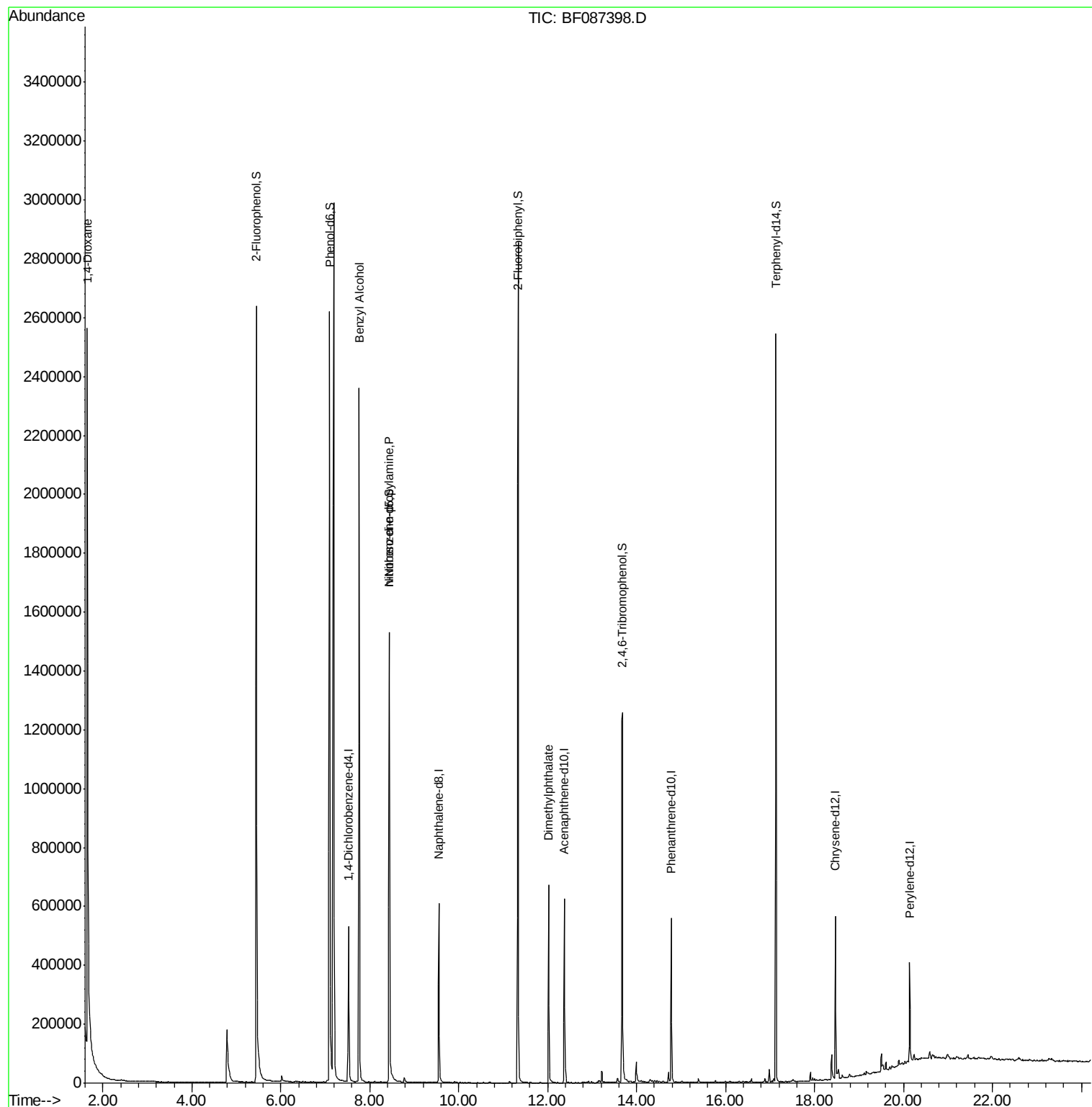
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96521	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	380310	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	158363	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	261516	20.00	ng	0.00
75) Chrysene-d12	18.47	240	220390	20.00	ng	-0.01
86) Perylene-d12	20.14	264	150370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	931539	169.59	ng	0.03
7) Phenol-d6	7.10	99	1256696	169.31	ng	0.02
23) Nitrobenzene-d5	8.43	82	820275	108.70	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	209964	137.97	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1250829	111.35	ng	0.00
78) Terphenyl-d14	17.13	244	905683	87.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	82131	28.34	ng	# 22
15) Benzyl Alcohol	7.76	79	15423	2.85	ng	# 42
19) n-Nitroso-di-n-propylamine	8.43	70	112301	20.29	ng	# 71
49) Dimethylphthalate	12.02	163	334147	26.34	ng	100

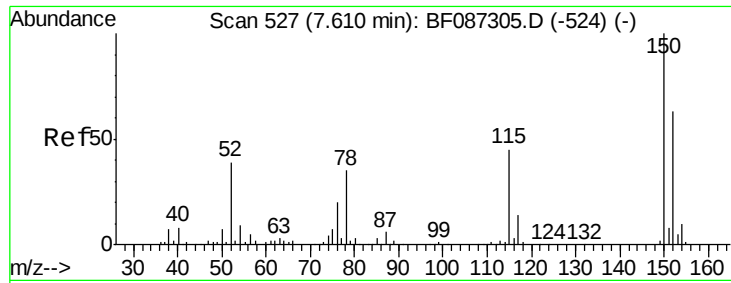
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087398.D

Acq: 26 May 2016 6:28

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

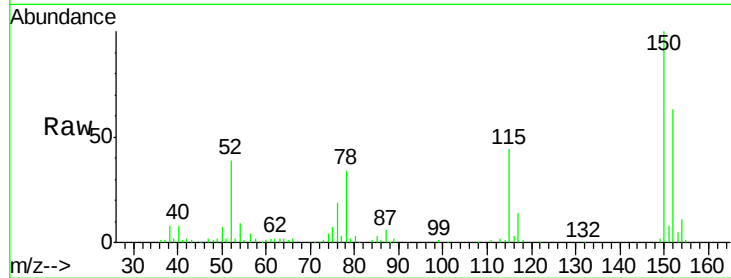
Tgt Ion:152 Resp: 96521

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

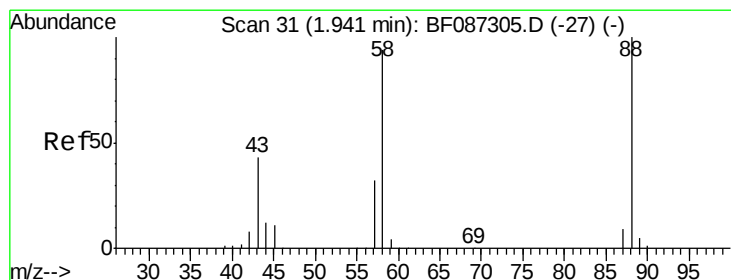
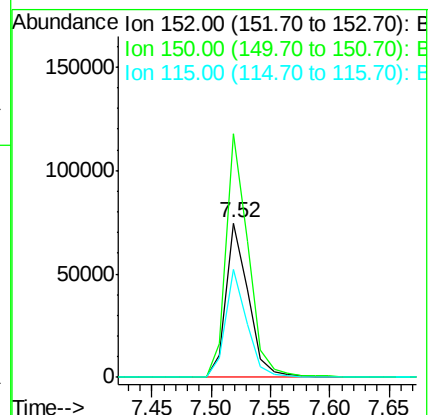
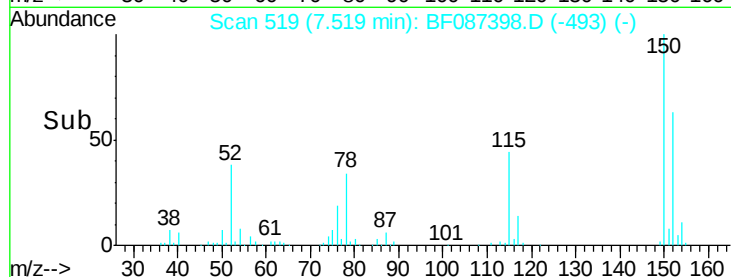
115 69.7 51.5 77.3



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: 28.34 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

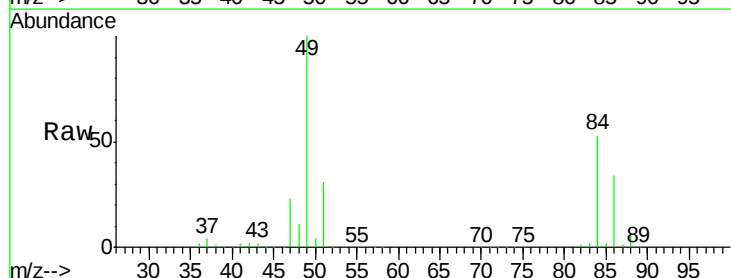
Tgt Ion: 88 Resp: 82131

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

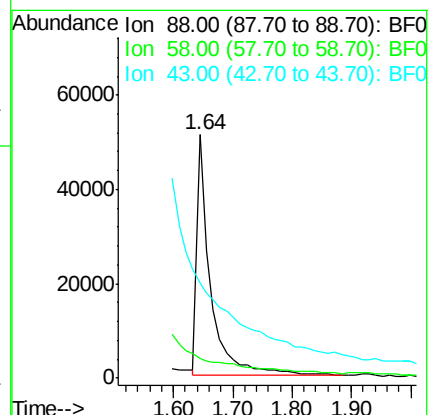
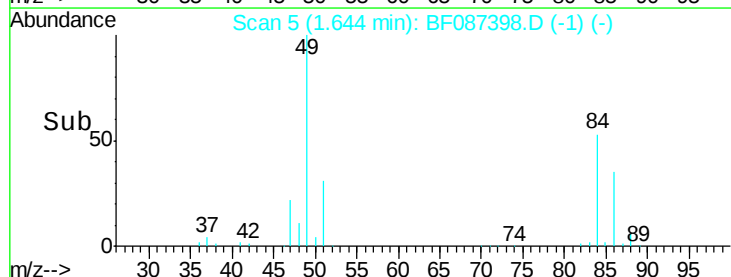
43 0.0 21.8 32.6#



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: 169.59 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

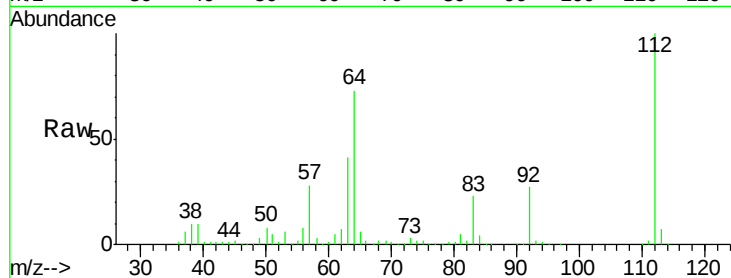
Tgt Ion: 112 Resp: 931539

Ion Ratio Lower Upper

112 100

64 73.0 52.1 78.1

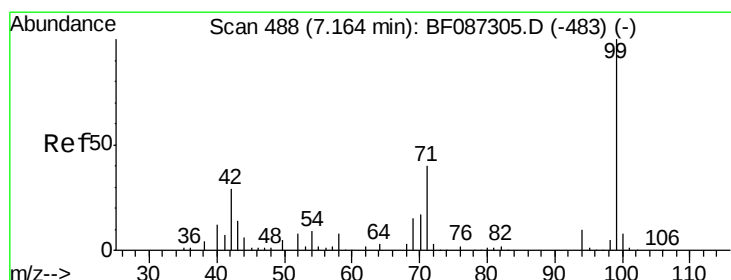
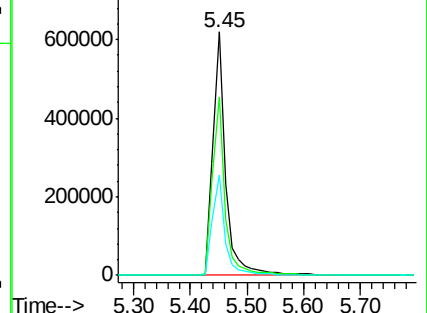
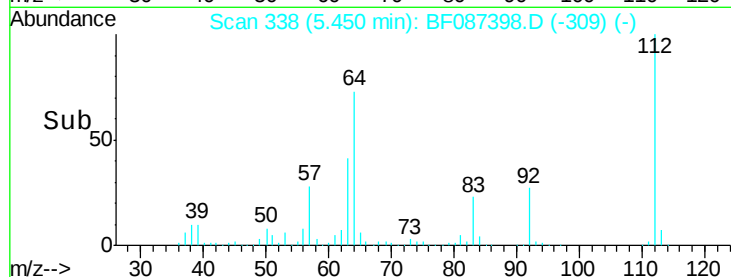
63 41.4 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 169.31 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

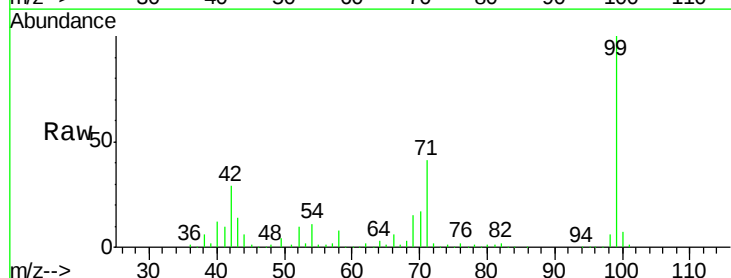
Tgt Ion: 99 Resp: 1256696

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

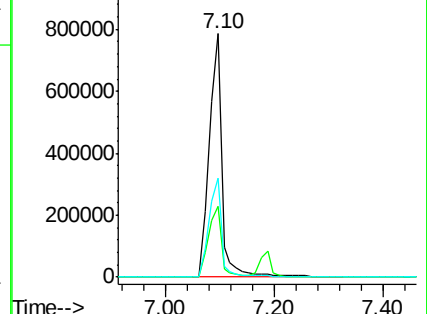
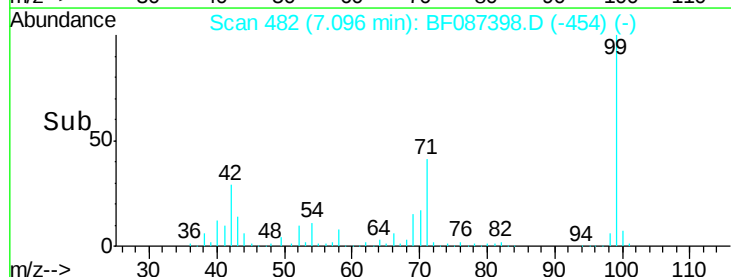
71 40.7 24.6 36.8#

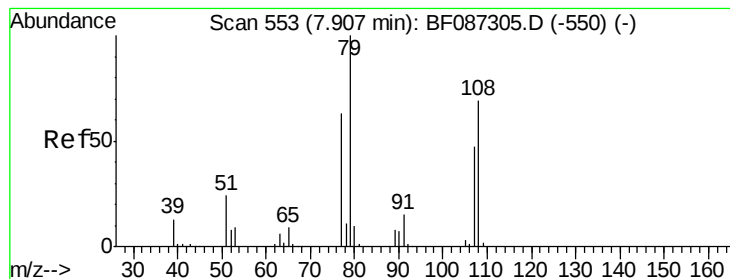


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.85 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

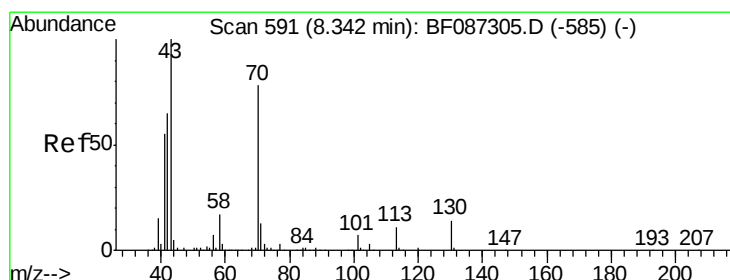
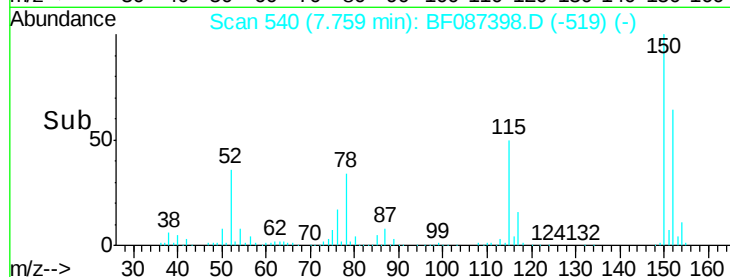
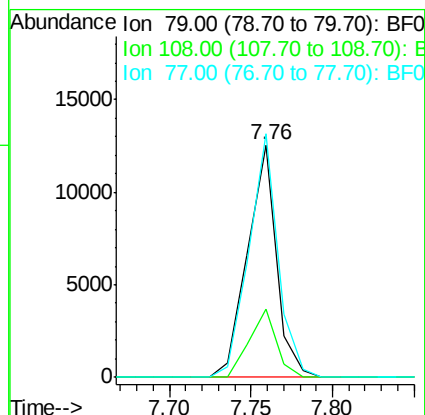
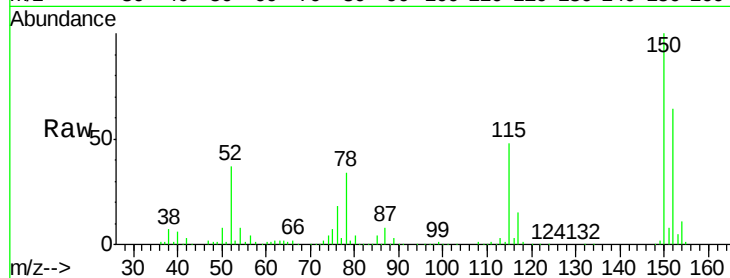
Tgt Ion: 79 Resp: 15423

Ion Ratio Lower Upper

79 100

108 29.1 68.4 102.6#

77 104.8 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 20.29 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

Tgt Ion: 70 Resp: 112301

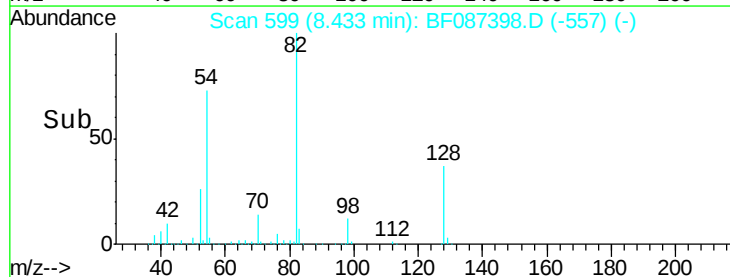
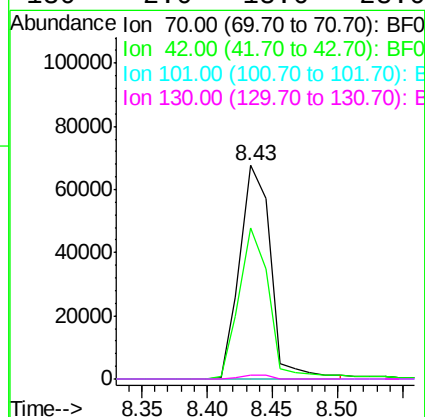
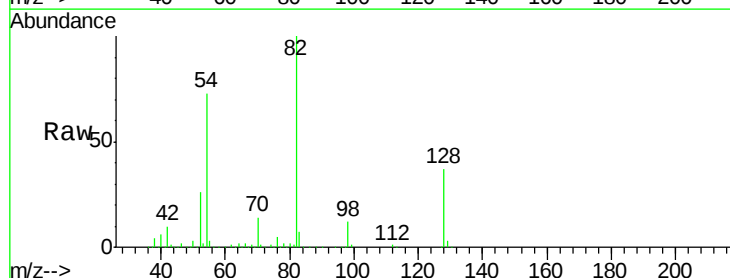
Ion Ratio Lower Upper

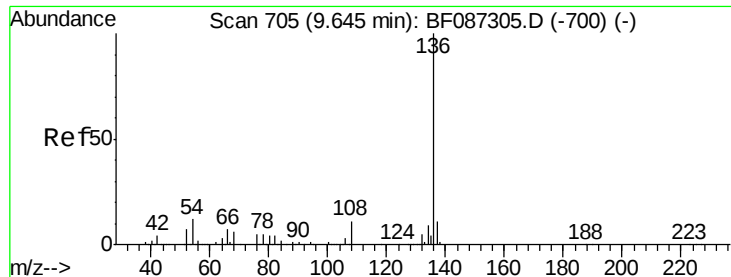
70 100

42 70.7 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

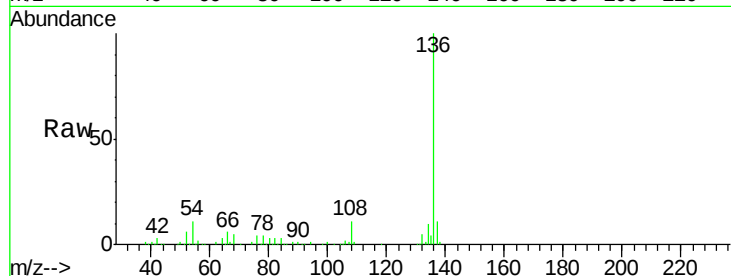




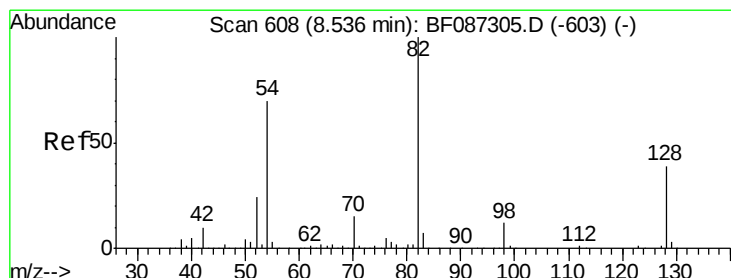
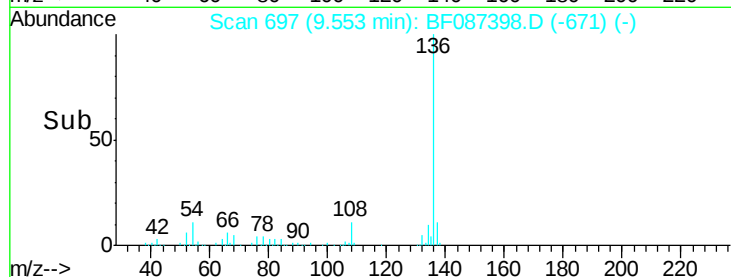
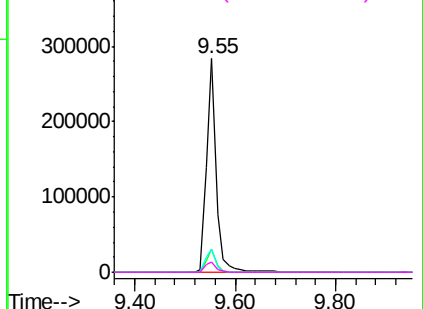
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087398.D
Acq: 26 May 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SB-37-COMP

Tgt Ion:	136	Resp:	380310
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.6	5.0	7.4#
68	5.0	4.4	6.6

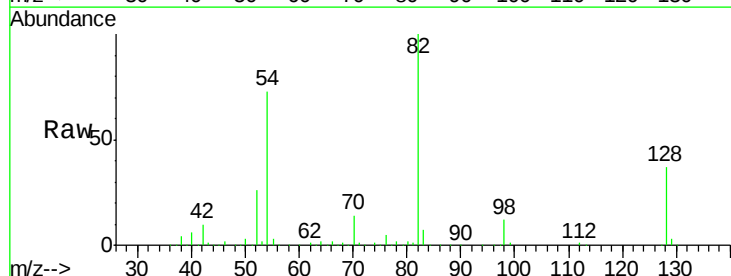


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

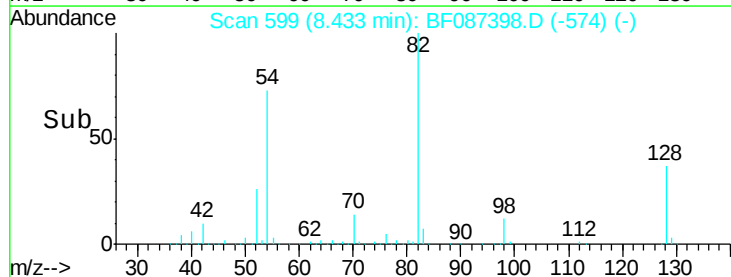
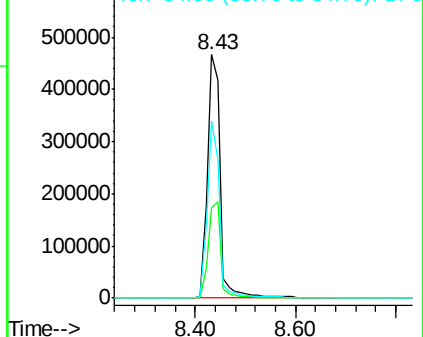


#23
Nitrobenzene-d5
Concen: 108.70 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087398.D
Acq: 26 May 2016 6:28

Tgt Ion:	82	Resp:	820275
Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.6	61.0#
54	72.9	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

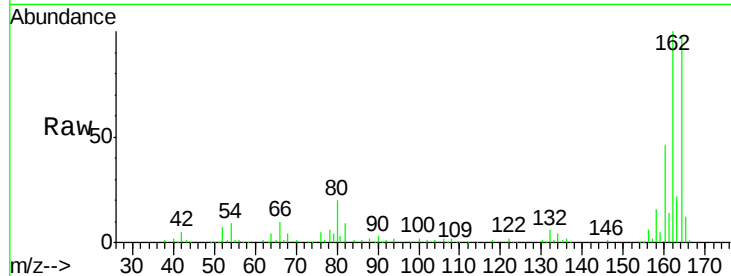




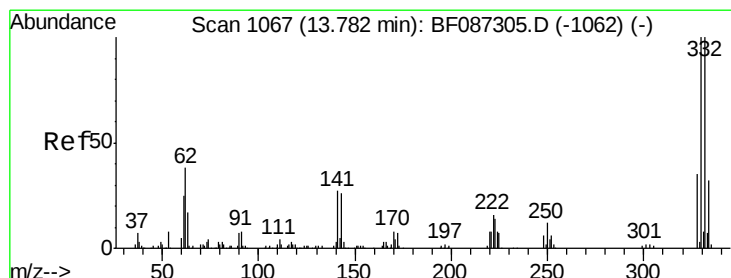
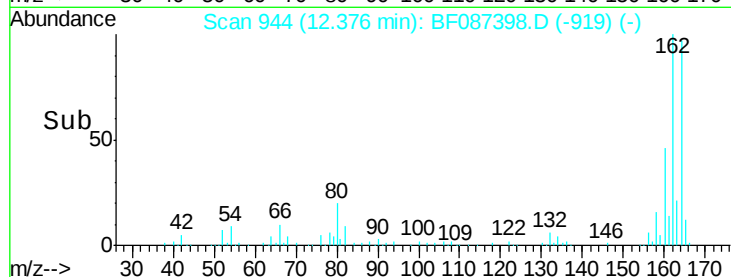
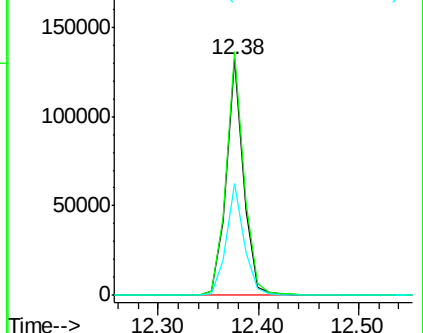
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087398.D
 Acq: 26 May 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-37-COMP

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	47.6	36.9	55.3

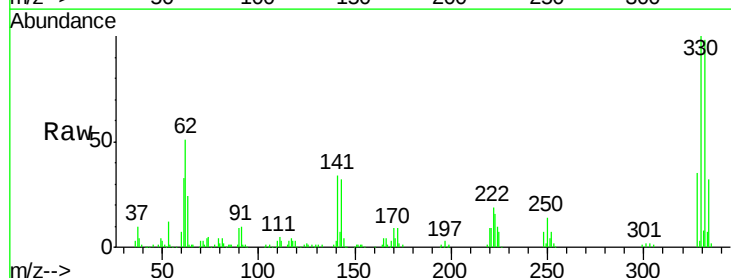


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

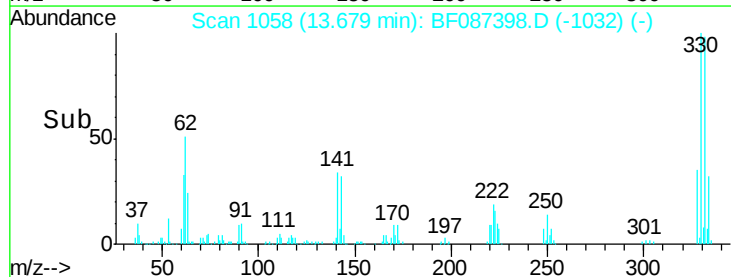
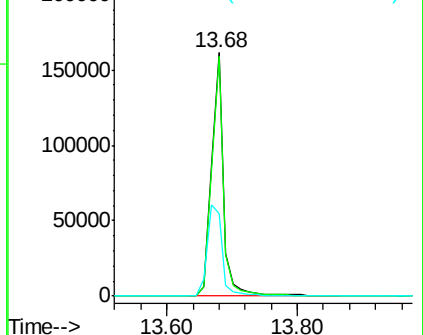


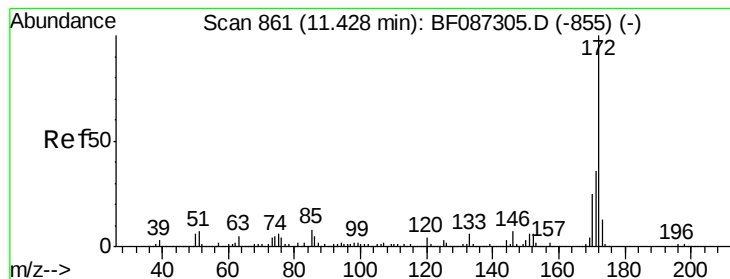
#41
 2,4,6-Tribromophenol
 Concen: 137.97 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087398.D
 Acq: 26 May 2016 6:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	46.9	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: 111.35 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

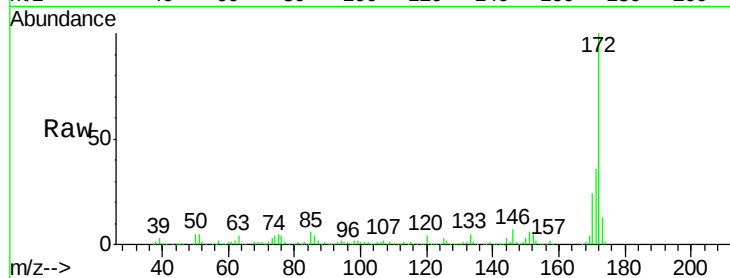
Tgt Ion:172 Resp: 1250829

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

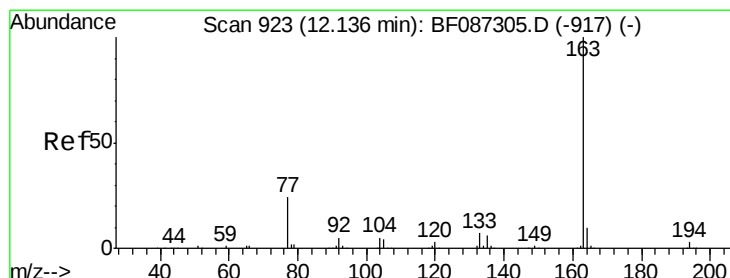
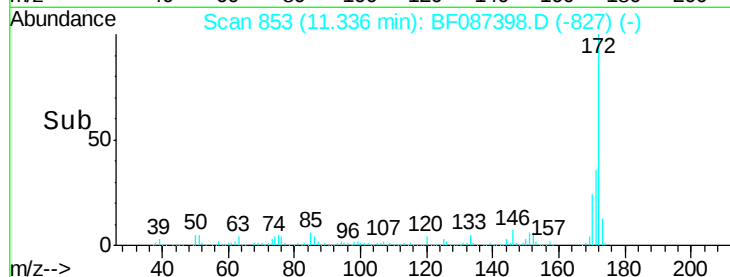
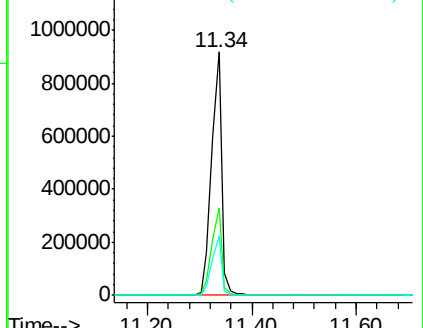
170 24.4 19.8 29.8



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: 26.34 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

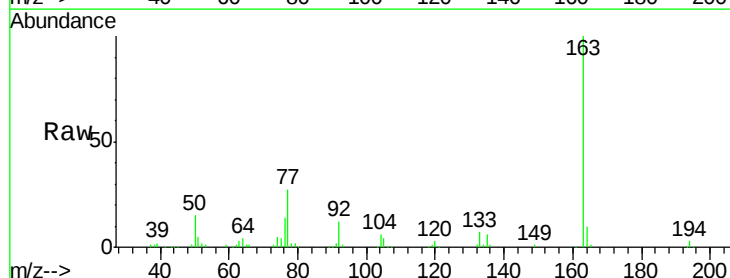
Tgt Ion:163 Resp: 334147

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

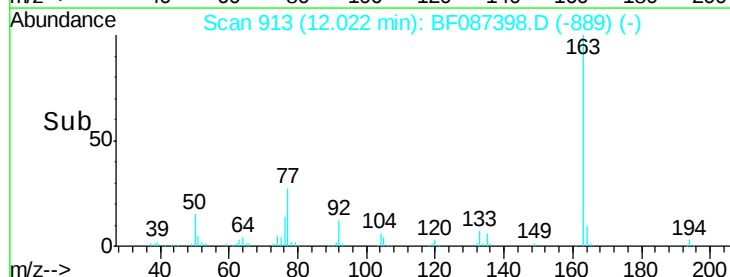
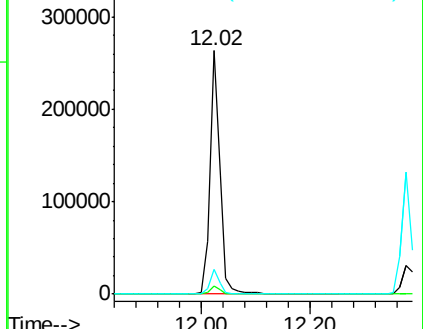
164 10.1 8.2 12.4

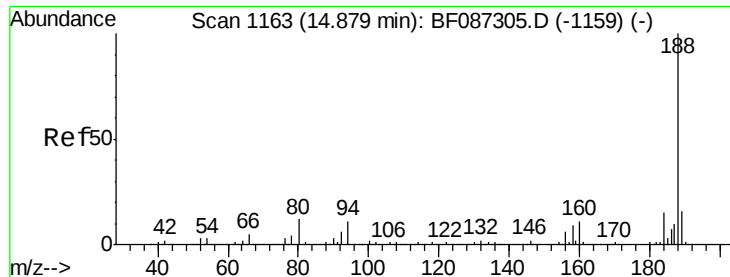


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

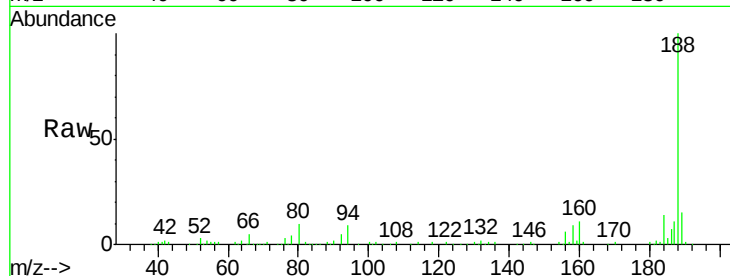




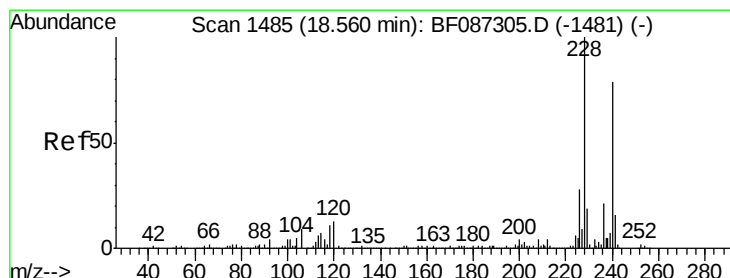
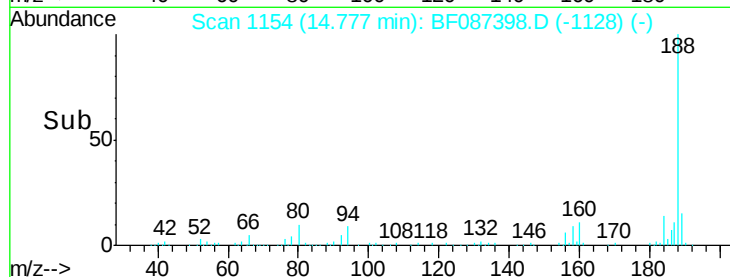
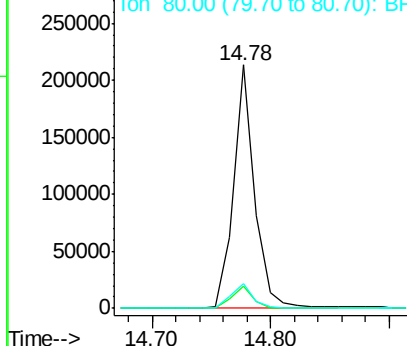
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087398.D
Acq: 26 May 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SB-37-COMP

Tgt Ion:188 Resp: 261516
Ion Ratio Lower Upper
188 100
94 9.2 6.8 10.2
80 10.4 7.1 10.7

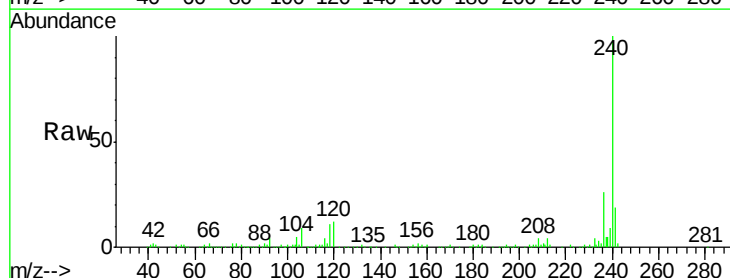


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

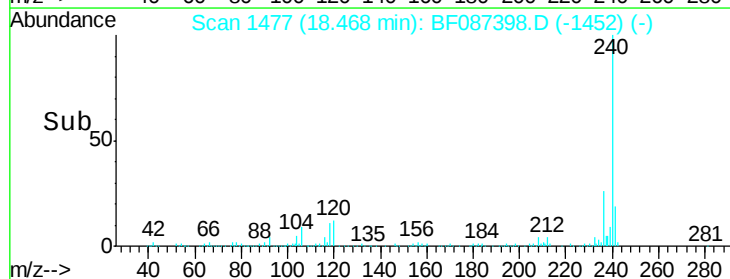
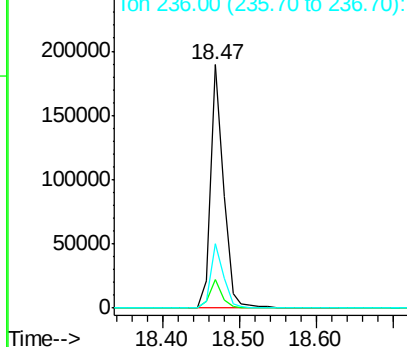


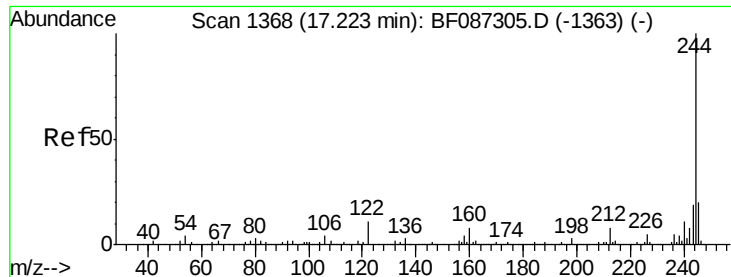
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087398.D
Acq: 26 May 2016 6:28

Tgt Ion:240 Resp: 220390
Ion Ratio Lower Upper
240 100
120 11.7 11.2 16.8
236 26.3 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: 87.37 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

Instrument :

BNA_F

ClientSampleId :

SB-37-COMP

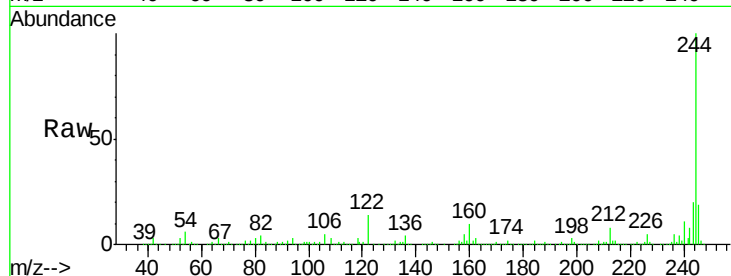
Tgt Ion:244 Resp: 905683

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

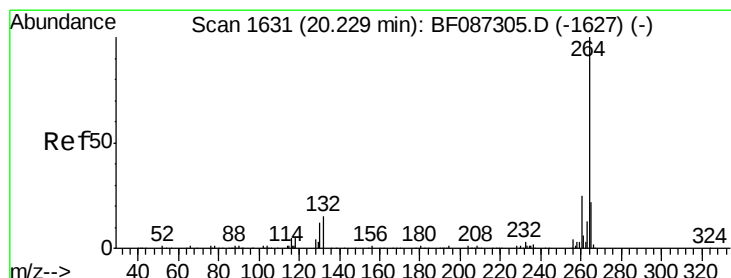
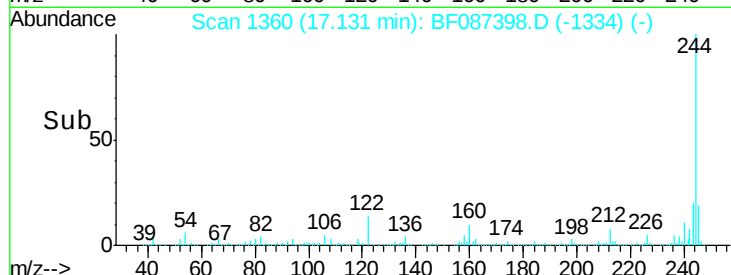
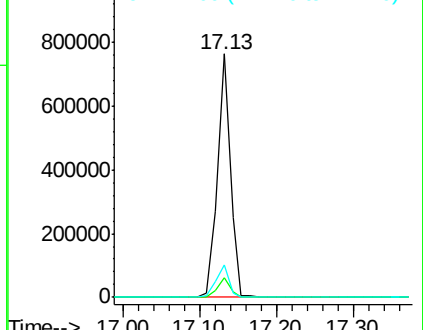
122 13.6 12.0 18.0



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: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087398.D

Acq: 26 May 2016 6:28

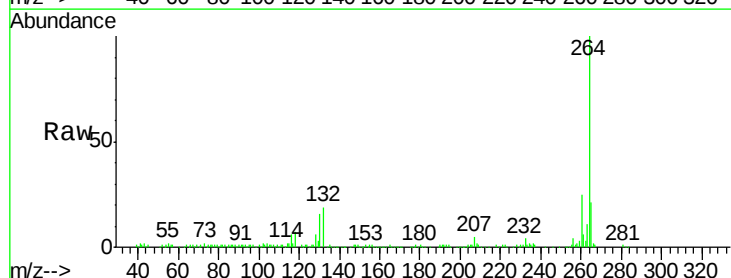
Tgt Ion:264 Resp: 150370

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

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

