

Data Path : Z:\HPCHEM1\BNA F\Data\BF052516\
 Data File : BF087401.D
 Acq On : 26 May 2016 8:09
 Operator : UM/SJ
 Sample : H3220-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 15:36:32 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

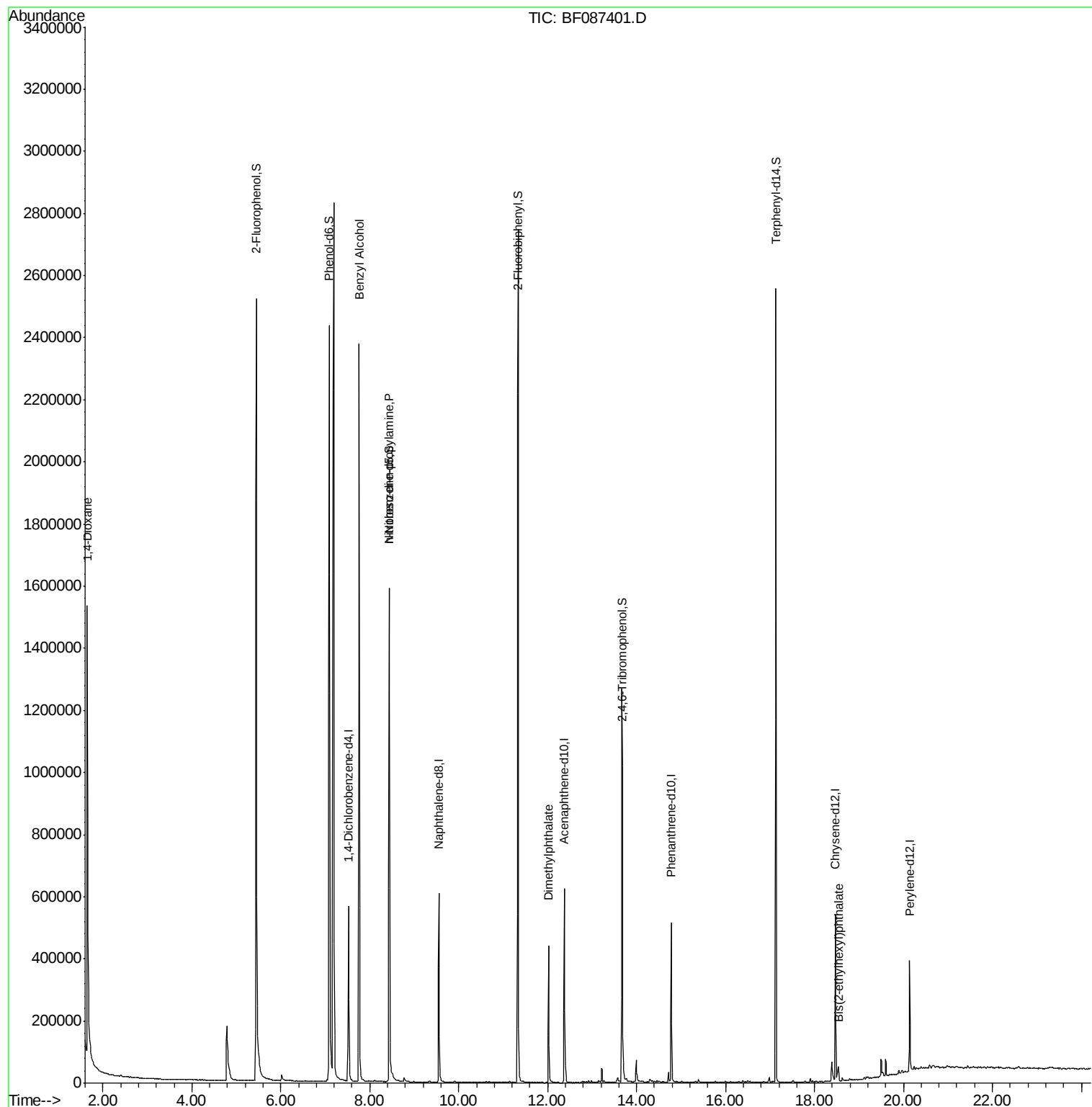
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100977	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	387559	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	155593	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	249133	20.00	ng	0.00
75) Chrysene-d12	18.47	240	219762	20.00	ng	-0.01
86) Perylene-d12	20.14	264	152814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	969033	168.63	ng	0.03
7) Phenol-d6	7.08	99	1254202	161.52	ng	0.01
23) Nitrobenzene-d5	8.43	82	822475	106.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	200351	134.00	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1254697	113.68	ng	0.00
78) Terphenyl-d14	17.13	244	879814	85.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	45030	14.85	ng	# 22
15) Benzyl Alcohol	7.76	79	14940	2.64	ng	# 39
19) n-Nitroso-di-n-propylamine	8.43	70	112401	19.41	ng	# 71
49) Dimethylphthalate	12.02	163	218370	17.52	ng	100
83) Bis(2-ethylhexyl)phthalate	18.54	149	22210	2.17	ng	# 98

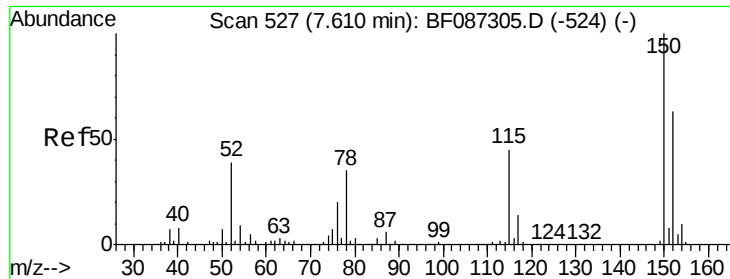
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

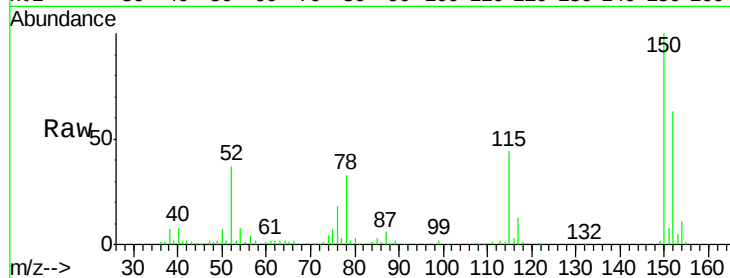
Tot Ion:152 Resp: 100977

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

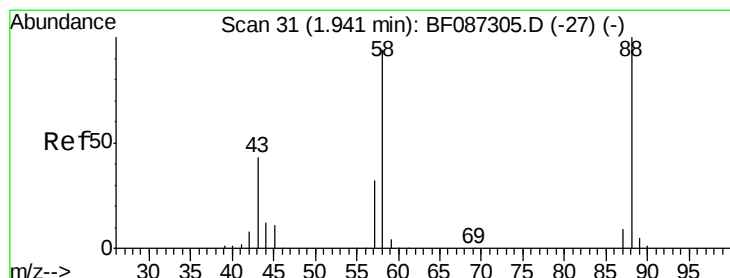
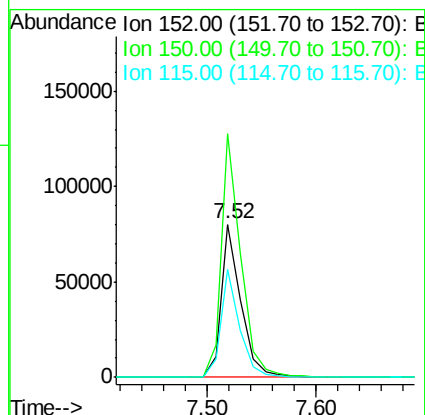
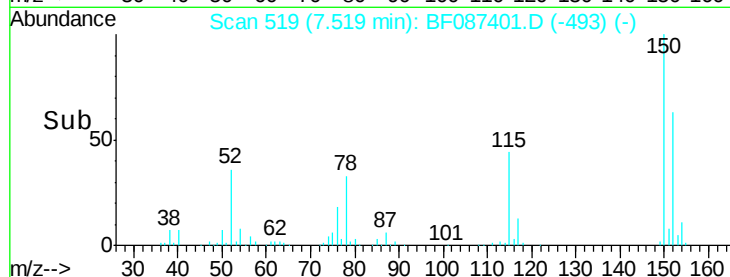
115 70.0 51.5 77.3



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: 14.85 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

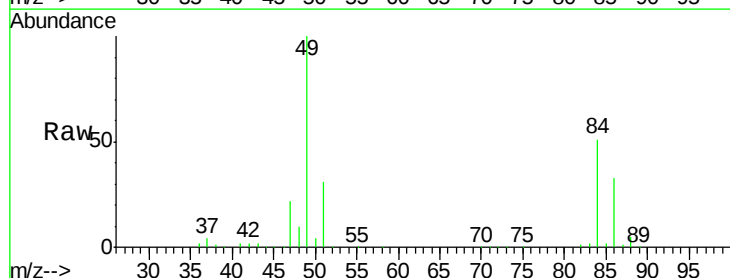
Tgt Ion: 88 Resp: 45030

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

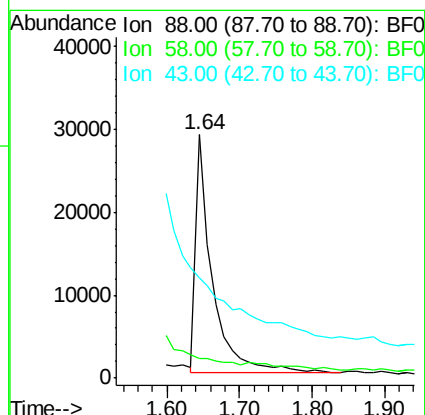
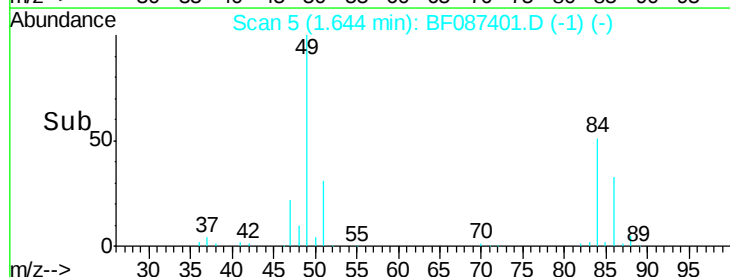
43 0.0 21.8 32.6#



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: 168.63 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087401.D

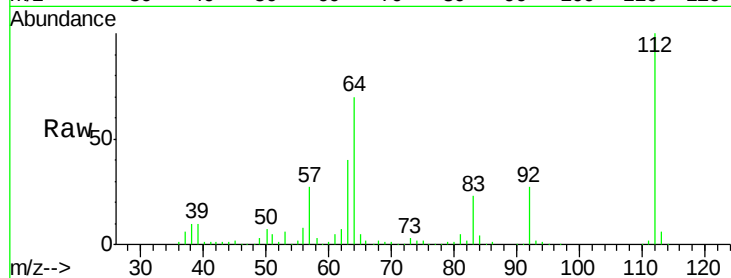
Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

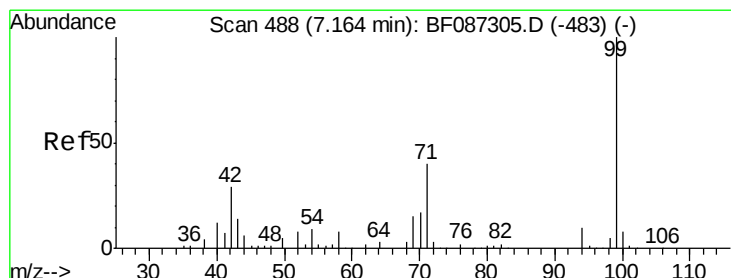
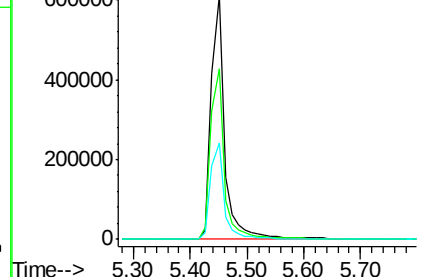
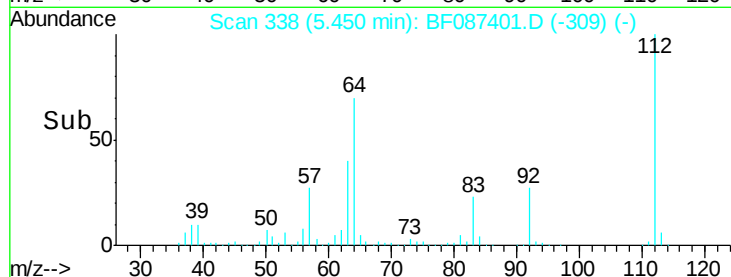
Tot Ion:	112	Resp:	969033
Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.1	78.1
63	39.5	25.7	38.5#



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: 161.52 ng

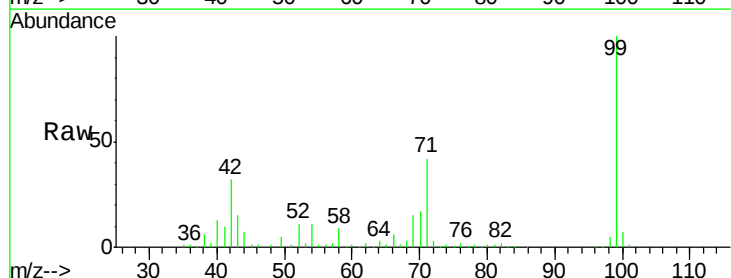
RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

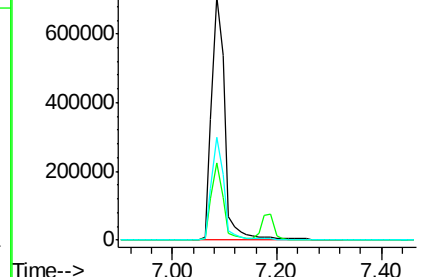
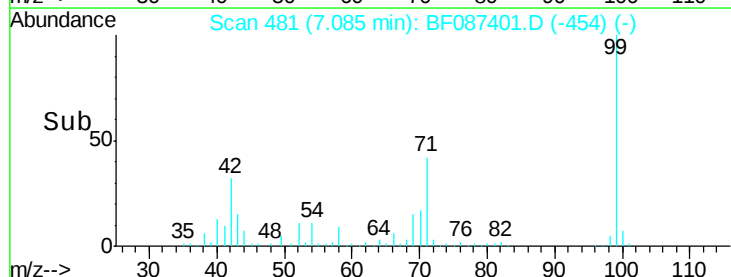
Tgt Ion:	99	Resp:	1254202
Ion	Ratio	Lower	Upper
99	100		
42	31.6	13.6	20.4#
71	42.0	24.6	36.8#

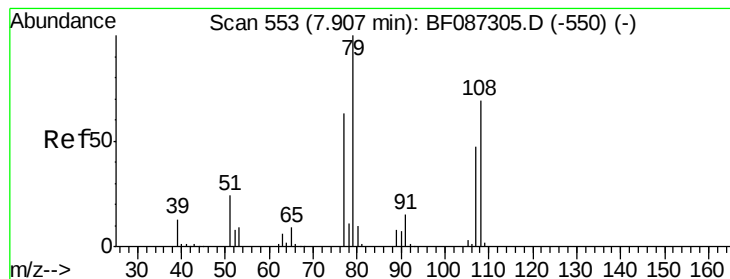


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.64 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

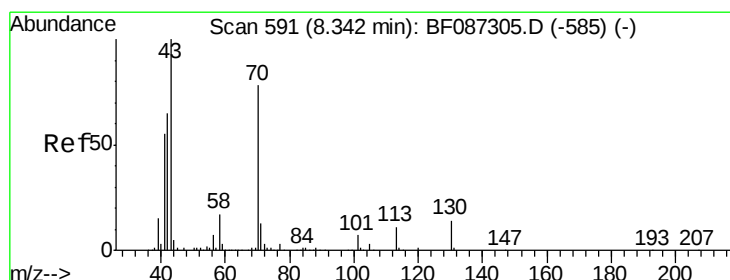
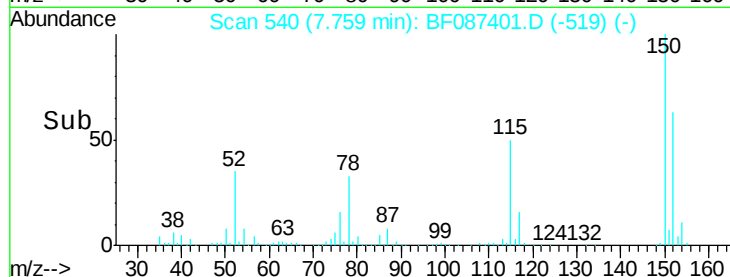
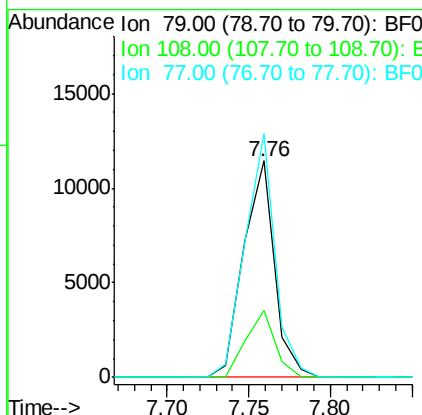
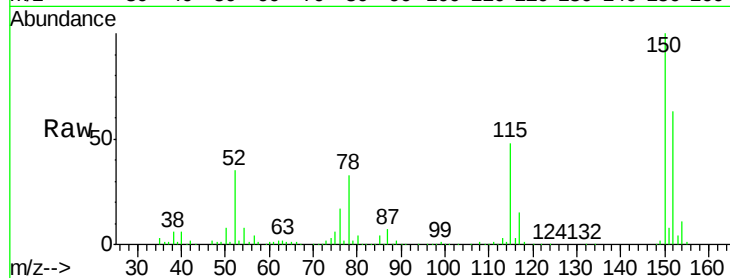
Tot Ion: 79 Resp: 14940

Ion Ratio Lower Upper

79 100

108 31.2 68.4 102.6#

77 112.5 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.41 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Tgt Ion: 70 Resp: 112401

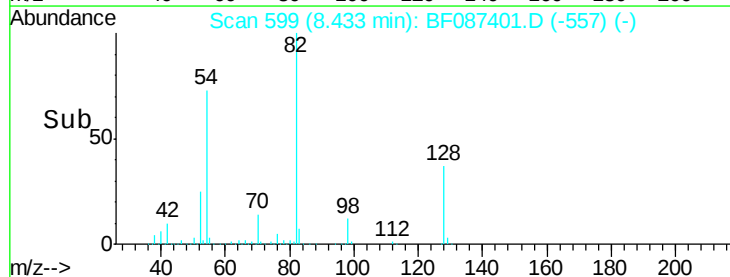
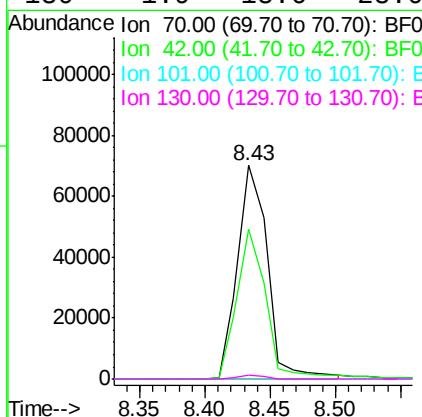
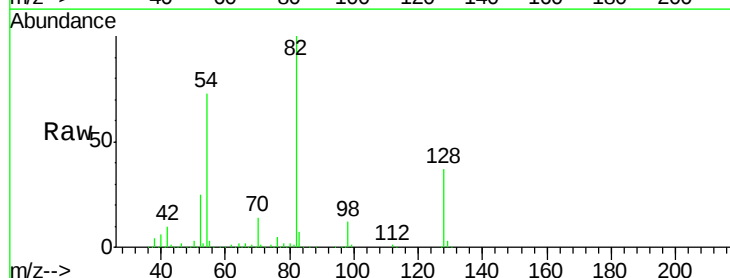
Ion Ratio Lower Upper

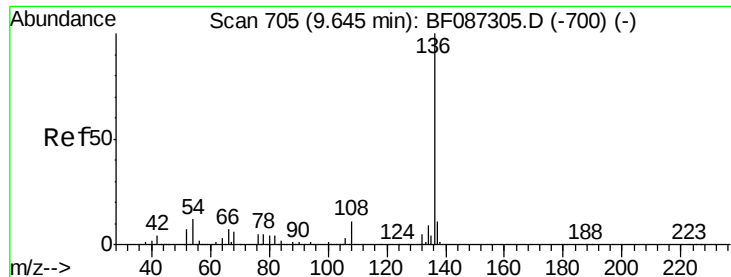
70 100

42 70.0 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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 387559

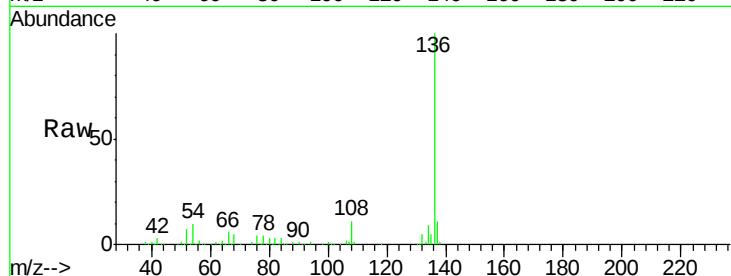
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.4 5.0 7.4#

68 5.1 4.4 6.6

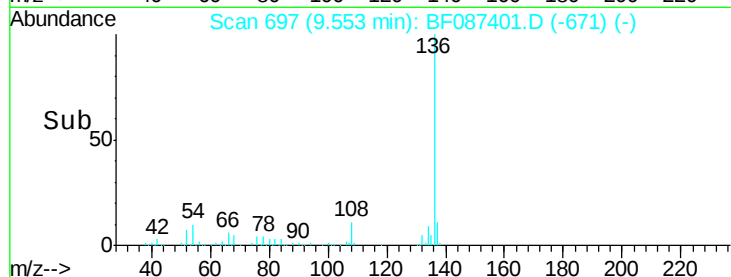


Abundance Ion 136.00 (135.70 to 136.70): E

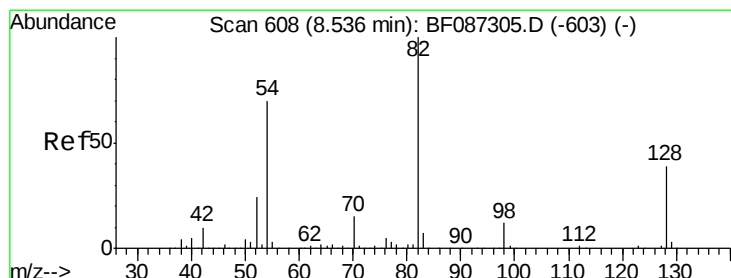
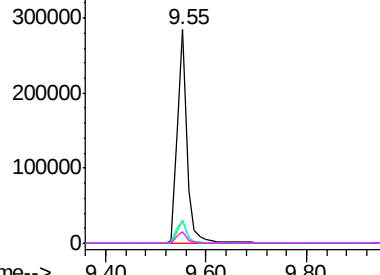
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 106.96 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF087401.D

Acq: 26 May 2016 8:09

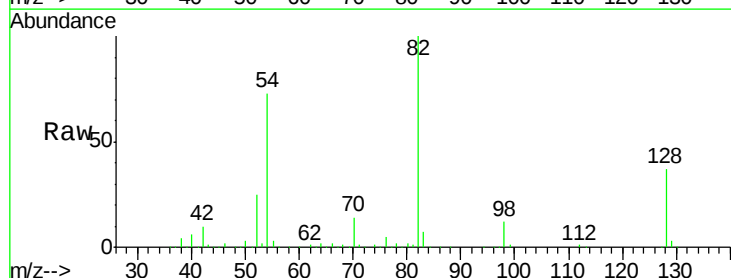
Tgt Ion: 82 Resp: 822475

Ion Ratio Lower Upper

82 100

128 36.8 40.6 61.0#

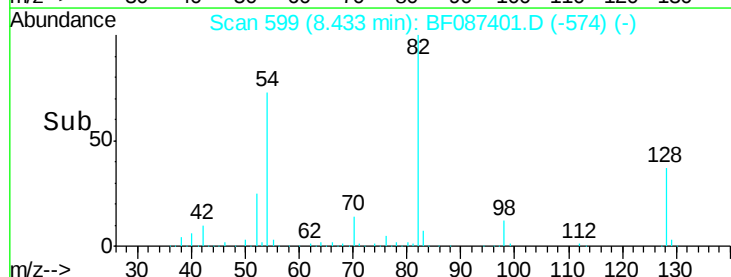
54 72.8 38.1 57.1#



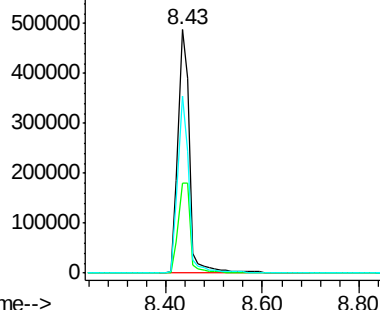
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

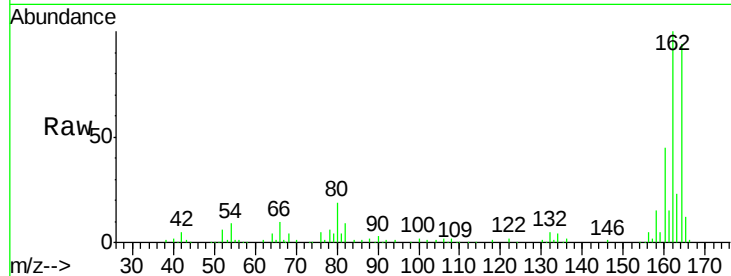




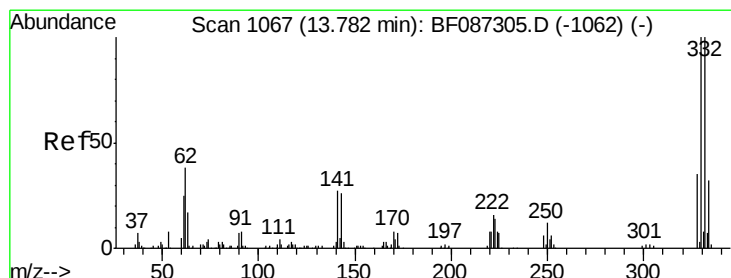
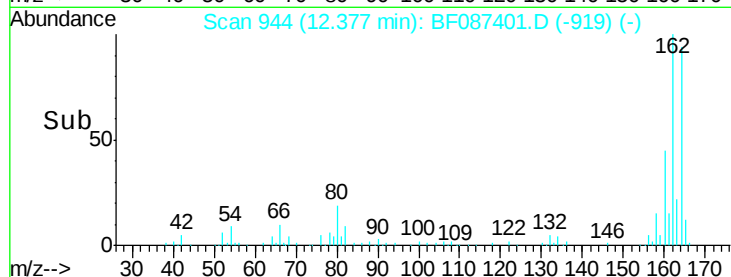
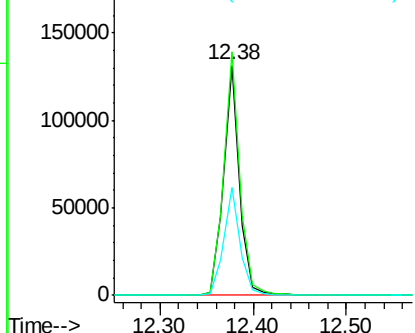
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 155593
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.8 124.2
 160 47.2 36.9 55.3

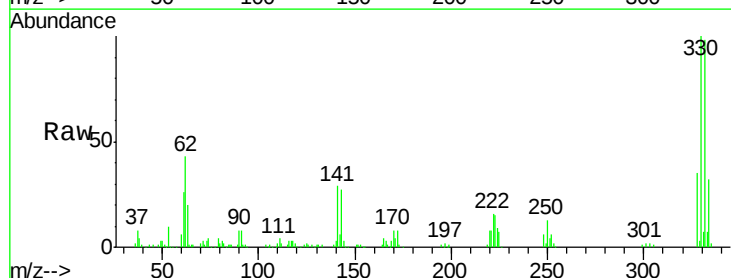


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

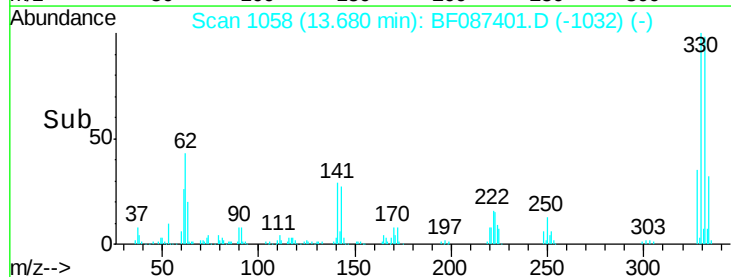
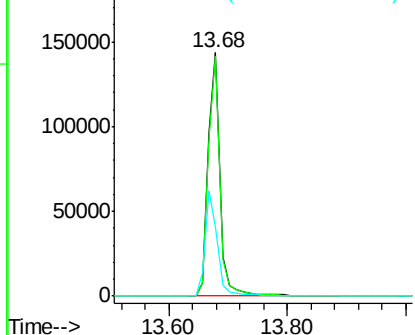


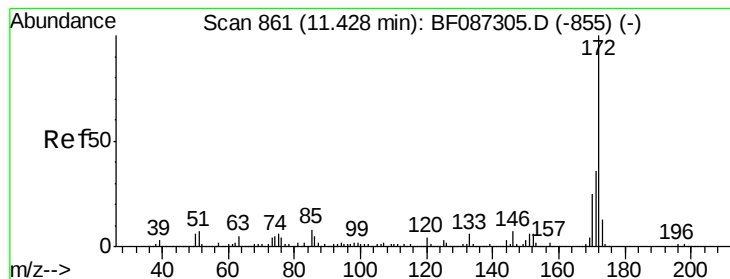
#41
 2,4,6-Tribromophenol
 Concen: 134.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Tgt Ion:330 Resp: 200351
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 44.8 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

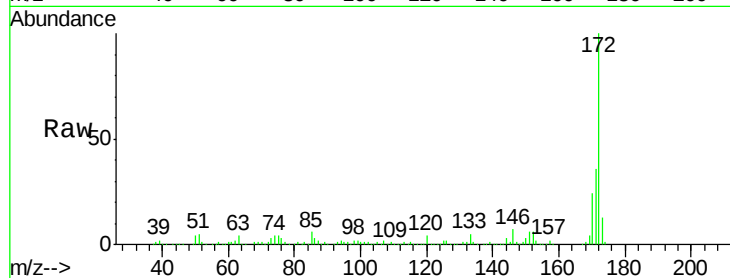




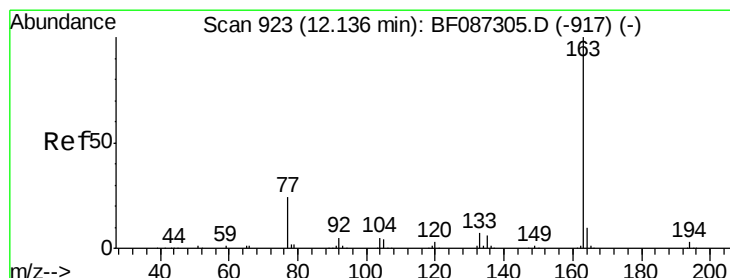
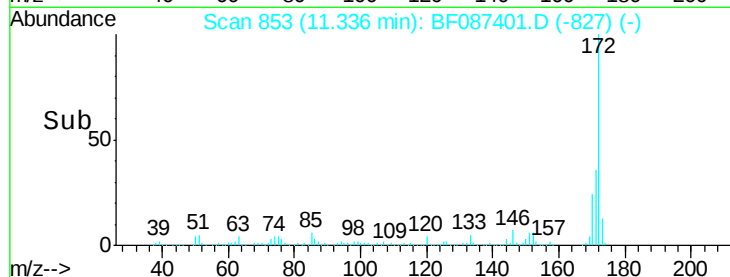
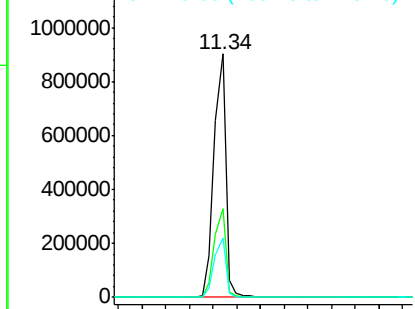
#44
2-Fluorobiphenyl
Concen: 113.68 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087401.D
Acq: 26 May 2016 8:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1254697
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.3 19.8 29.8

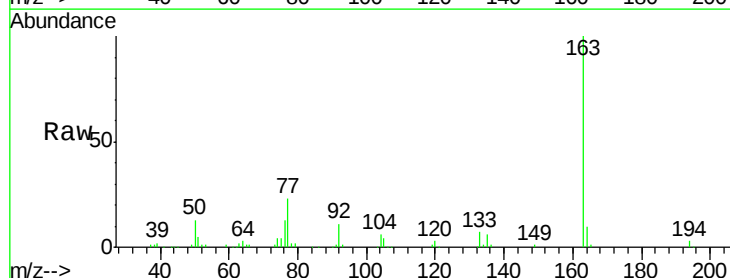


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

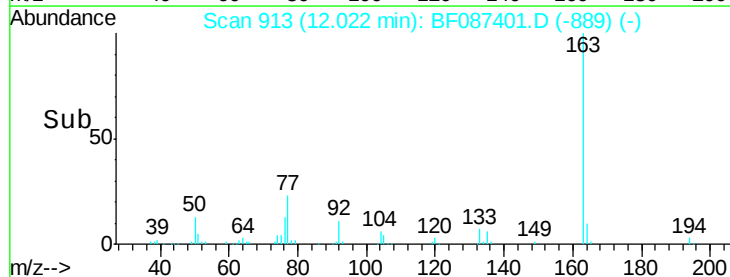
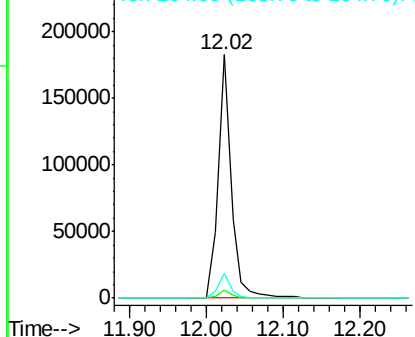


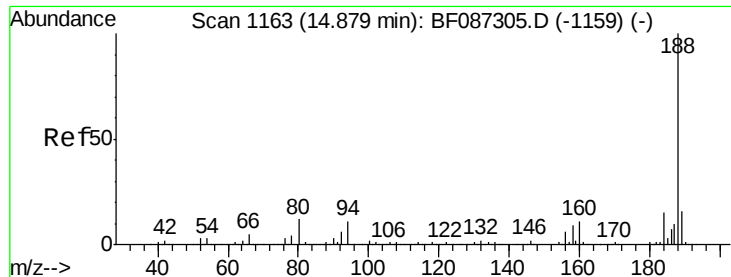
#49
Dimethylphthalate
Concen: 17.52 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087401.D
Acq: 26 May 2016 8:09

Tgt Ion:163 Resp: 218370
Ion Ratio Lower Upper
163 100
194 3.2 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

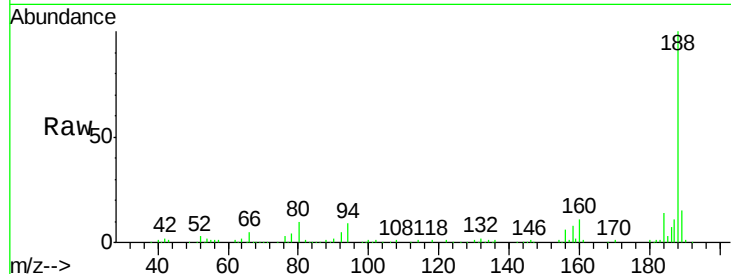




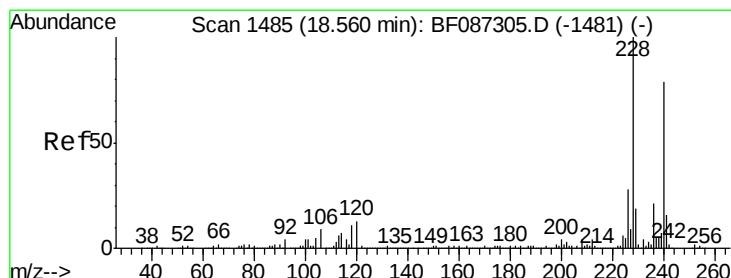
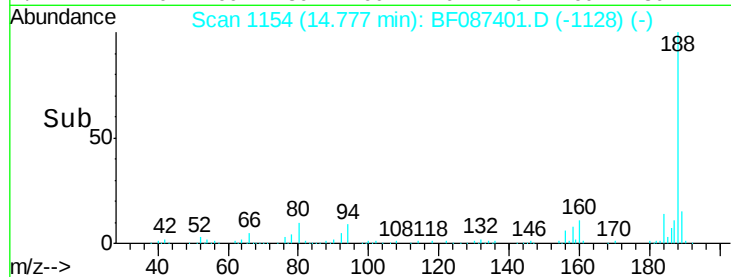
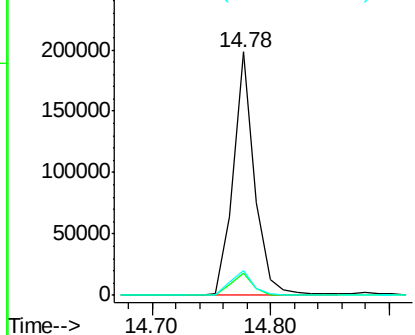
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.8	10.2
80	10.3	7.1	10.7

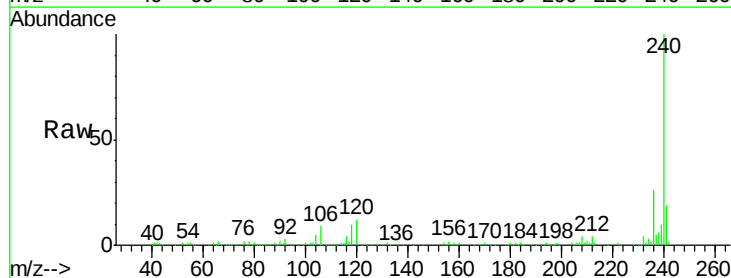


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

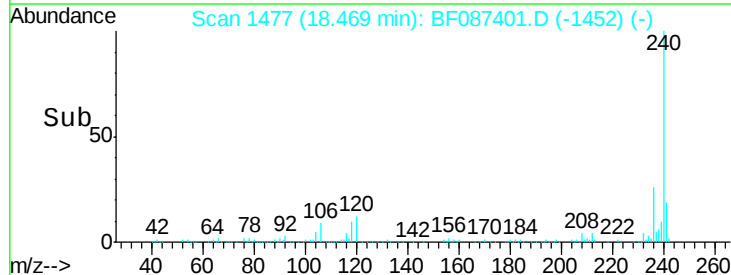
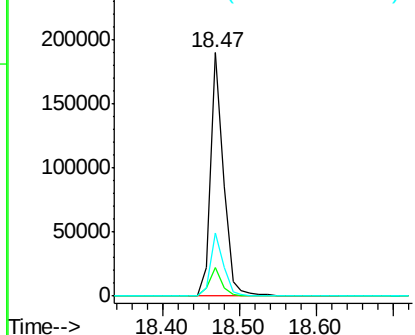


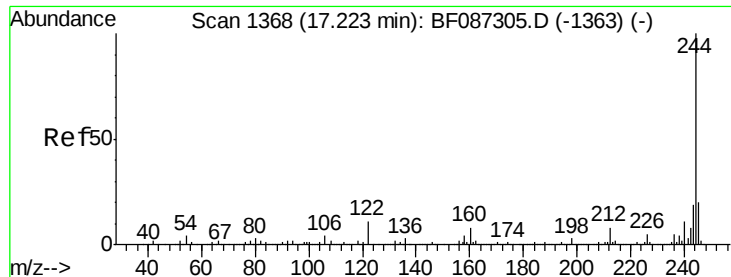
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	11.2	16.8
236	26.0	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

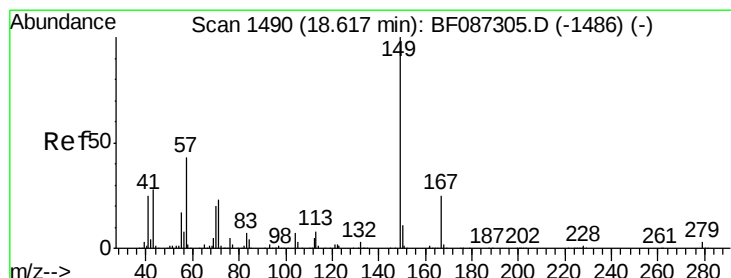
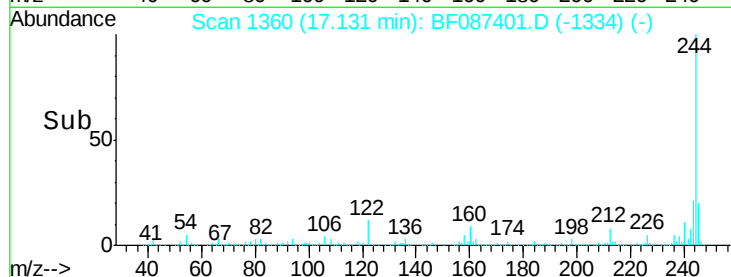
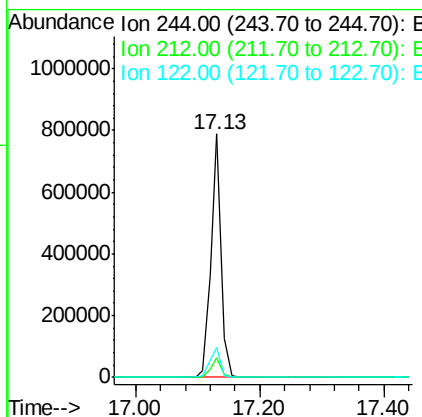
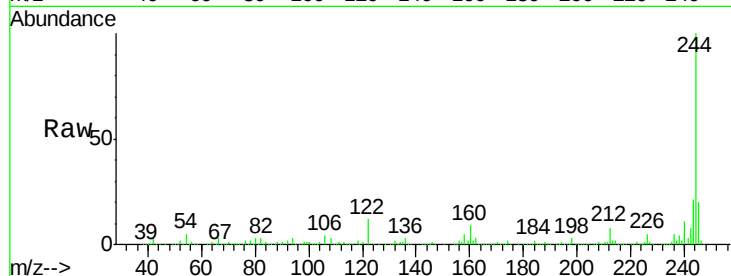




#78
 Terphenyl-d14
 Concen: 85.11 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

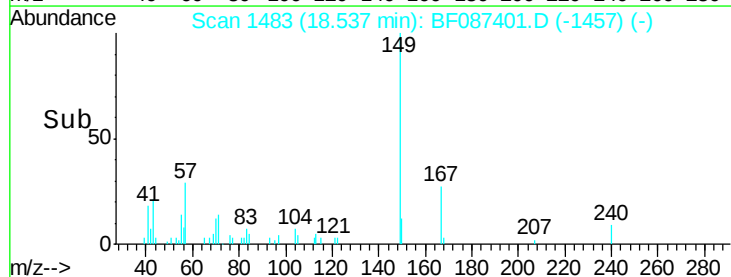
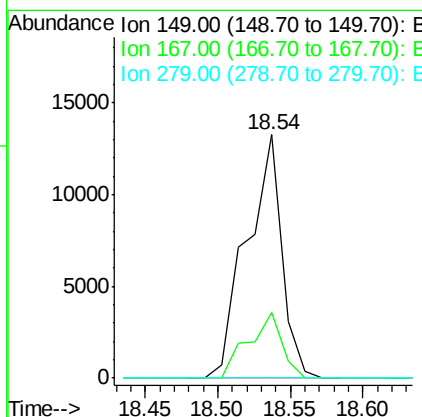
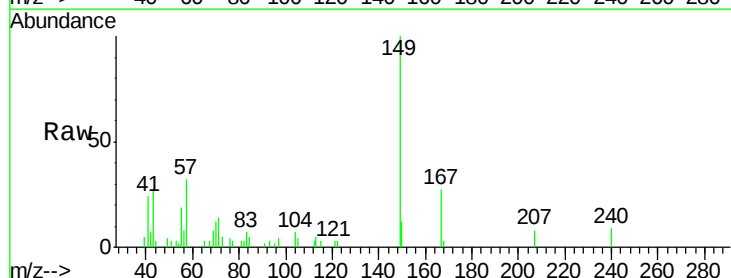
Instrument :
 BNA_F
 ClientSampleID :

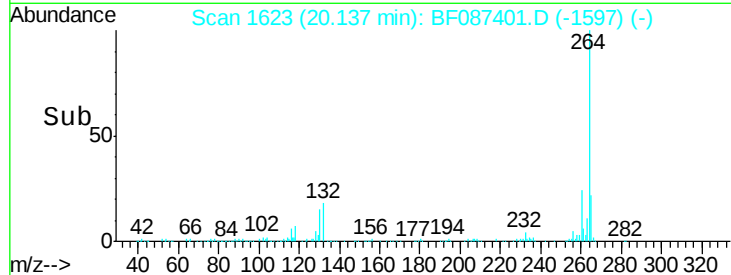
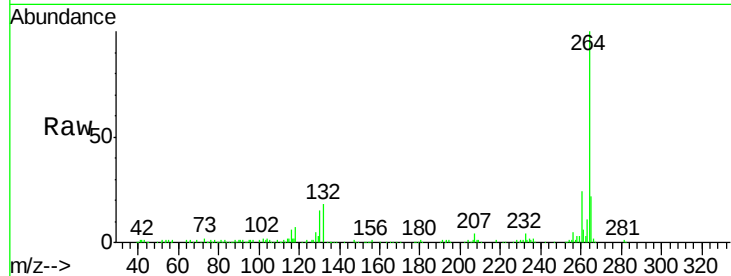
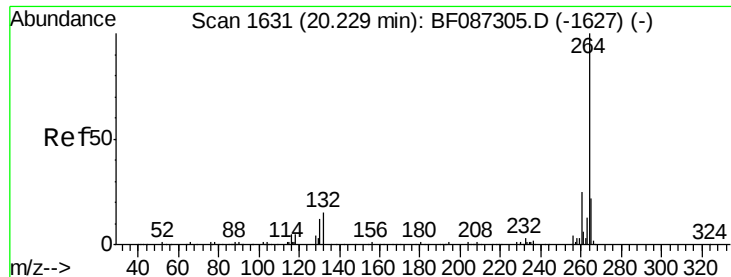
Tot Ion:244 Resp: 879814
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.5 12.0 18.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.17 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087401.D
 Acq: 26 May 2016 8:09

Tgt Ion:149 Resp: 22210
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.8 32.6
 279 0.0 2.6 4.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087401.D
Acq: 26 May 2016 8:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	152814
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.5 29.3
265	21.9	17.3 25.9

