

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089532.D
 Acq On : 2 Aug 2016 1:56
 Operator : UM/SJ
 Sample : H4288-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

Quant Time: Aug 02 03:50:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37821	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	131735	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	54542	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	90783	20.00	ng	0.01
75) Chrysene-d12	13.63	240	83989	20.00	ng	0.02
86) Perylene-d12	14.96	264	92845	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	239902	101.28	ng	0.01
7) Phenol-d6	6.15	99	308587	98.58	ng	0.00
23) Nitrobenzene-d5	7.05	82	177193	79.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	40381	89.39	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	288035	77.50	ng	-0.01
78) Terphenyl-d14	12.57	244	234365	65.31	ng	0.00

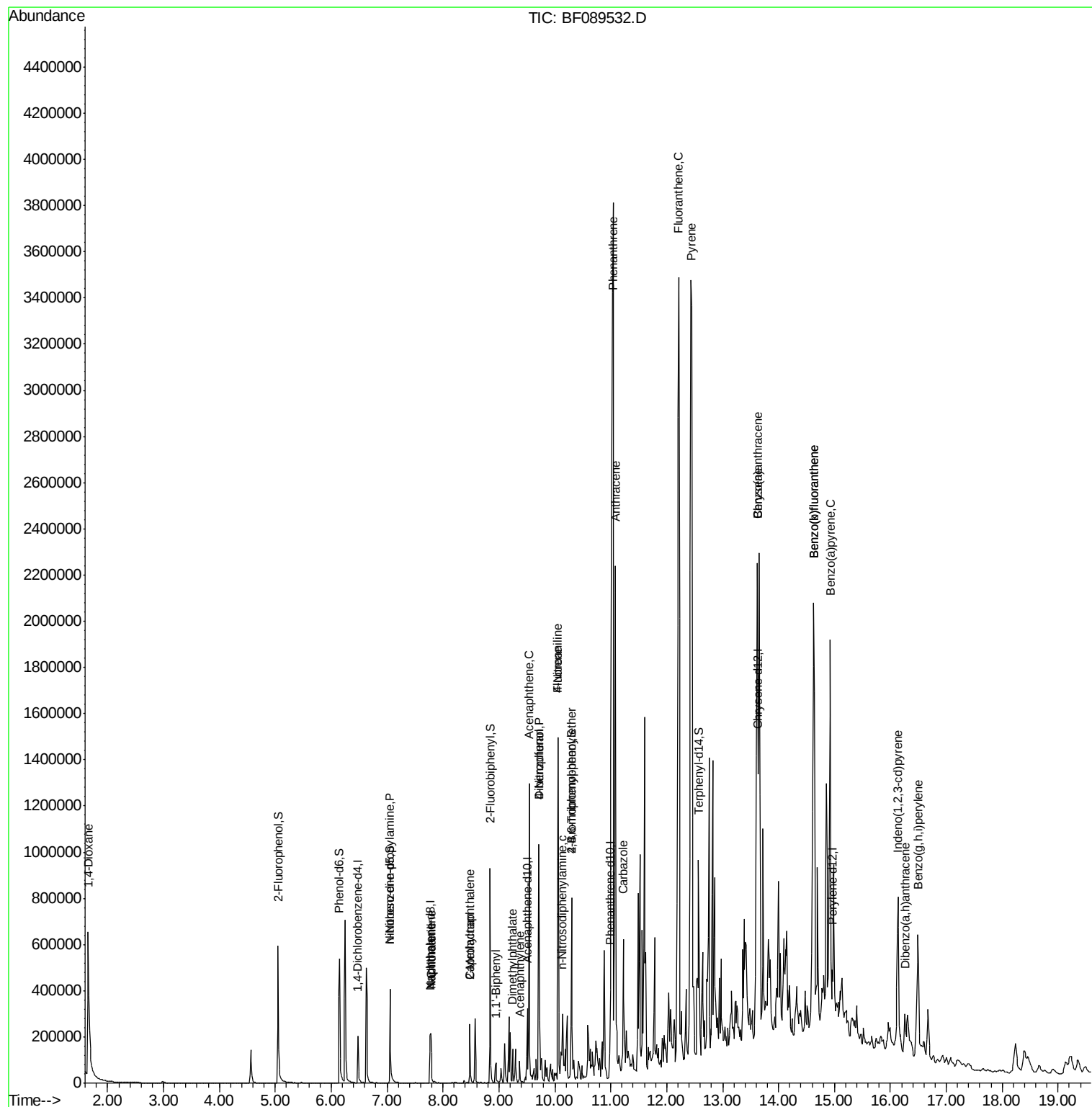
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.66	88	42715	39.78	ng	# 26
19) n-Nitroso-di-n-propylamine	7.05	70	22850	12.11	ng	# 83
31) Naphthalene	7.78	128	126604	19.41	ng	99
33) 4-Chloroaniline	7.78	127	15737	6.34	ng	# 34
35) Caprolactam	8.48	113	1484	2.98	ng	# 1
37) 2-Methylnaphthalene	8.48	142	74507	18.95	ng	99
45) 1,1'-Biphenyl	8.95	154	38800	8.35	ng	95
48) Acenaphthylene	9.37	152	12900	2.35	ng	# 79
49) Dimethylphthalate	9.24	163	55999	13.49	ng	99
51) Acenaphthene	9.54	154	275087	85.75	ng	99
54) Dibenzofuran	9.71	168	387581	88.67	ng	97
55) 4-Nitrophenol	9.71	139	165949	355.49	ng	# 6
57) Fluorene	10.06	166	438027	114.79	ng	98
61) 4-Nitroaniline	10.06	138	5298	5.71	ng	# 11
65) n-Nitrosodiphenylamine	10.14	169	14377	5.08	ng	# 1
66) 4-Bromophenyl-phenylether	10.30	248	2758	3.18	ng	# 1
70) Phenanthrene	11.04	178	3172967	677.68	ng	98
71) Anthracene	11.08	178	1356848	260.65	ng	99
72) Carbazole	11.22	167	299255	68.29	ng	# 97
74) Fluoranthene	12.22	202	3191073	647.91	ng	93
77) Pyrene	12.45	202	2504158	393.40	ng	95
80) Benzo(a)anthracene	13.62	228	1450713	306.07	ng	96
82) Chrysene	13.62	228	1450713	287.54	ng	96
85) Indeno(1,2,3-cd)pyrene	16.14	276	508245	141.68	ng	96
87) Benzo(b)fluoranthene	14.63	252	1660975	288.07	ng	95
88) Benzo(k)fluoranthene	14.63	252	1660975	313.33	ng	97
89) Benzo(a)pyrene	14.93	252	972344	187.99	ng	95
90) Dibenzo(a,h)anthracene	16.26	278	105931	26.00	ng	96
91) Benzo(g,h,i)perylene	16.49	276	460256	114.91	ng	96

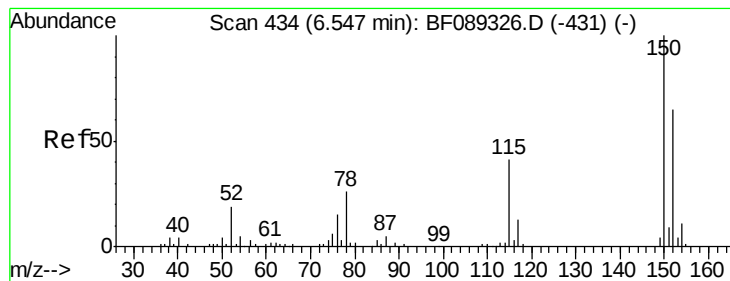
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
SB-64-0.5-1.5

Quant Time: Aug 02 03:50:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 02:21:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

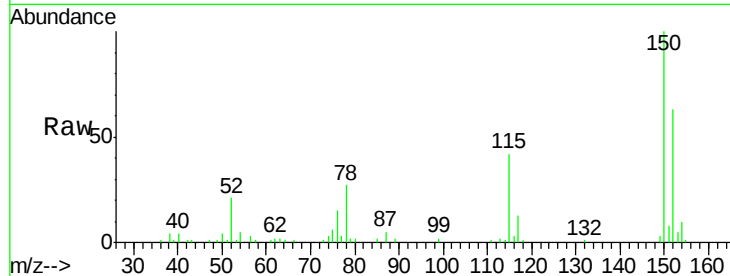
Tgt Ion:152 Resp: 37821

Ion Ratio Lower Upper

152 100

150 157.8 129.5 194.3

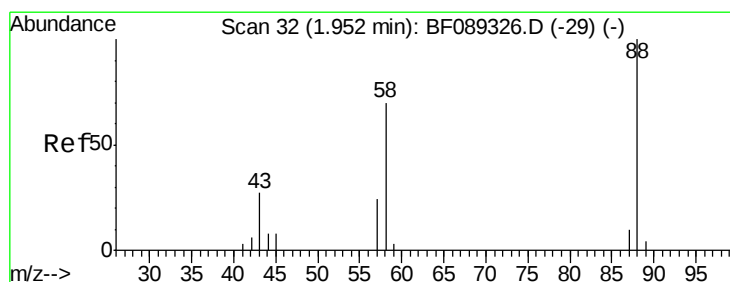
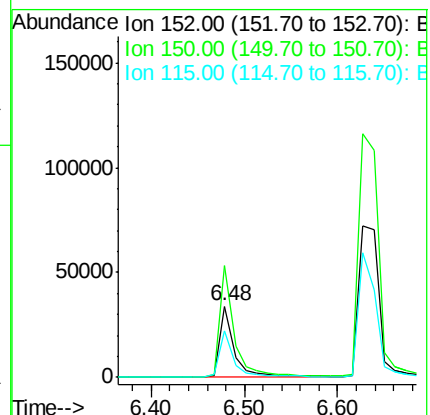
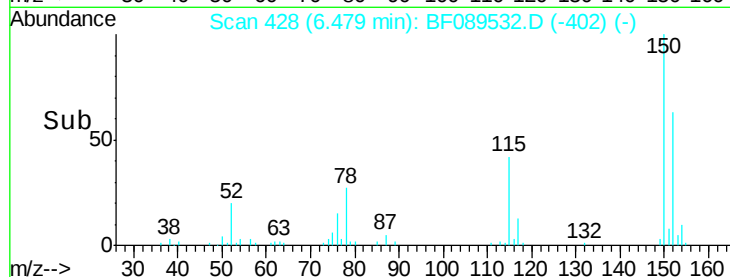
115 66.0 51.4 77.2



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: 39.78 ng

RT: 1.66 min Scan# 6

Delta R.T. -0.19 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

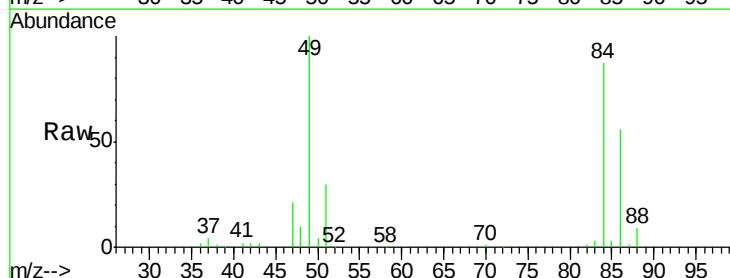
Tgt Ion: 88 Resp: 42715

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

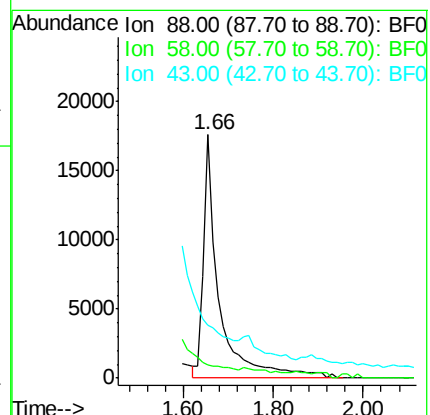
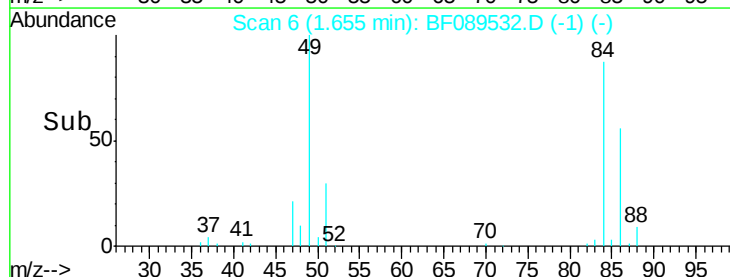
43 0.0 20.6 31.0#

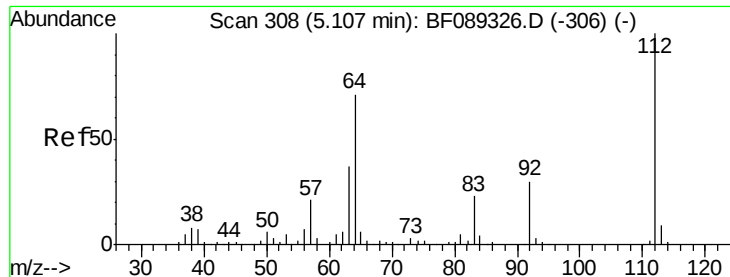


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 101.28 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

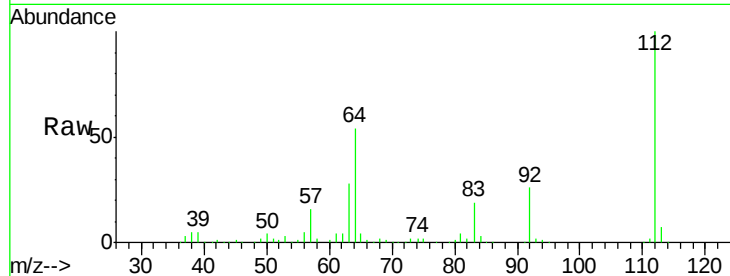
BNA_F

ClientSampleId :

SB-64-0.5-1.5

Tgt Ion: 112 Resp: 239902

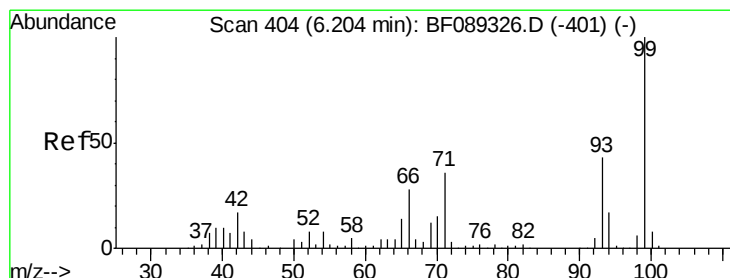
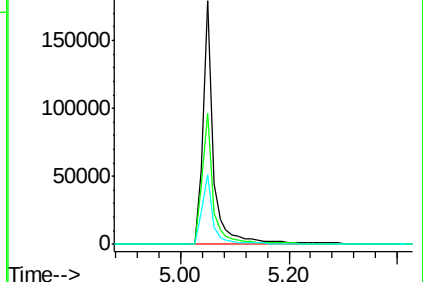
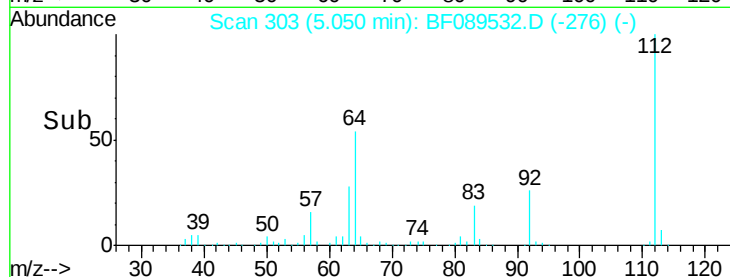
Ion	Ratio	Lower	Upper
112	100		
64	54.0	55.0	82.6#
63	28.5	29.4	44.2#



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: 98.58 ng

RT: 6.15 min Scan# 399

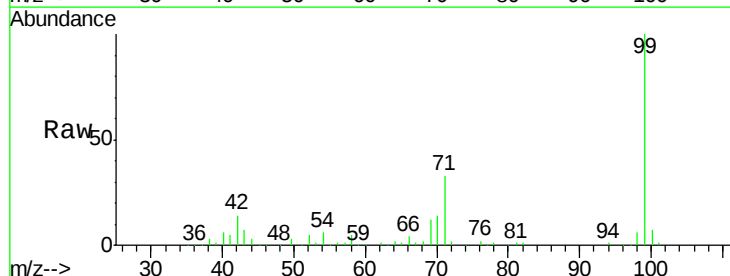
Delta R.T. 0.00 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Tgt Ion: 99 Resp: 308587

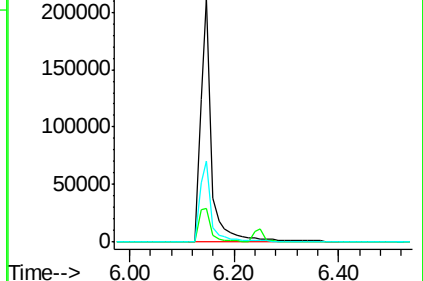
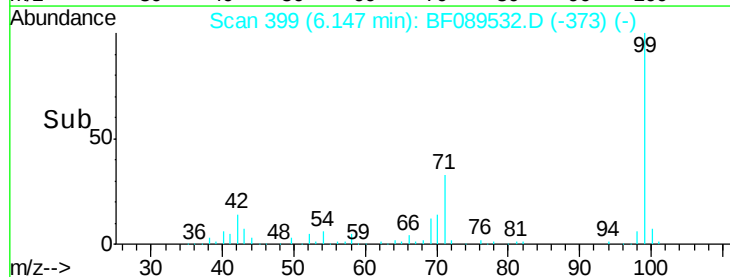
Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.6	20.4
71	33.1	29.4	44.2

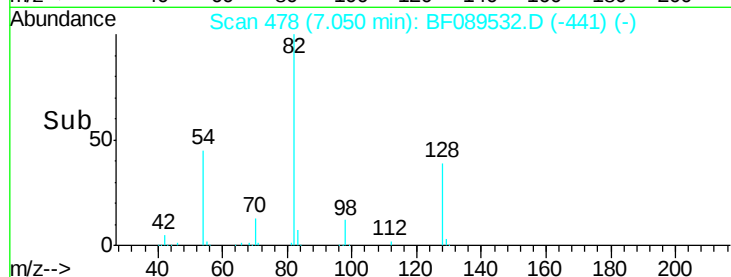
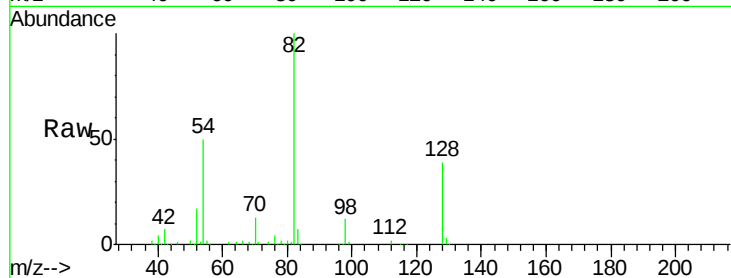
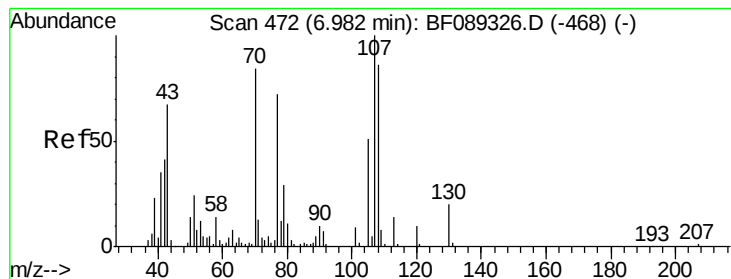


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 12.11 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.13 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

Tgt Ion: 70 Resp: 22850

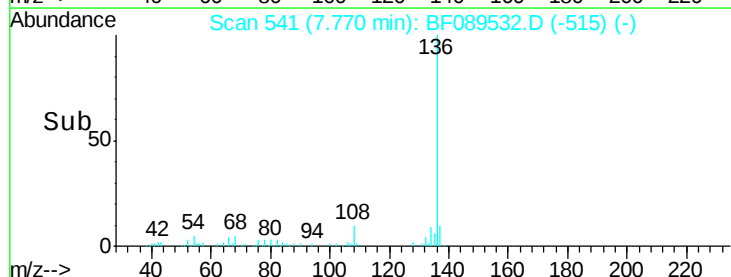
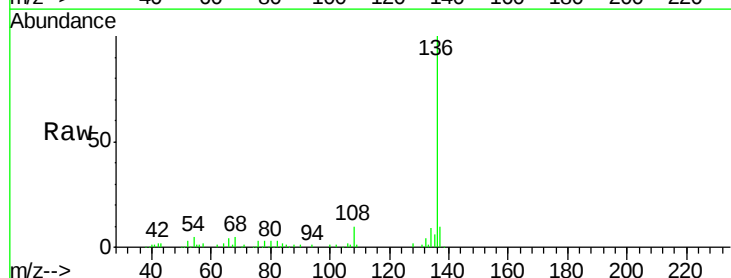
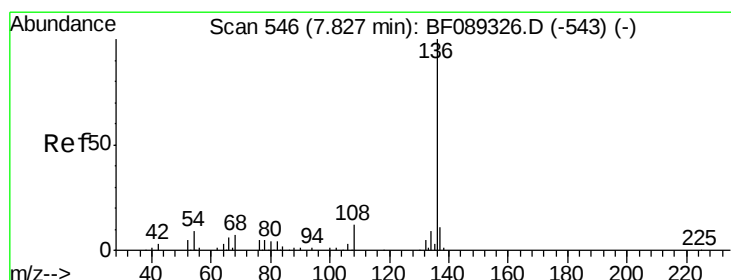
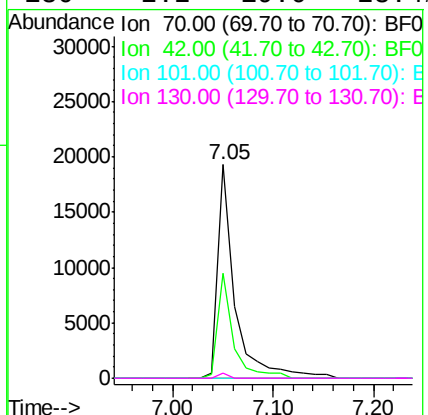
Ion Ratio Lower Upper

70 100

42 48.9 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Tgt Ion: 136 Resp: 131735

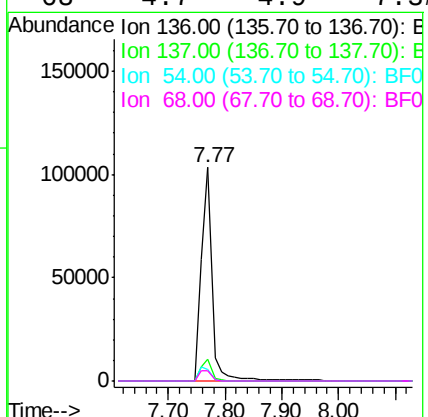
Ion Ratio Lower Upper

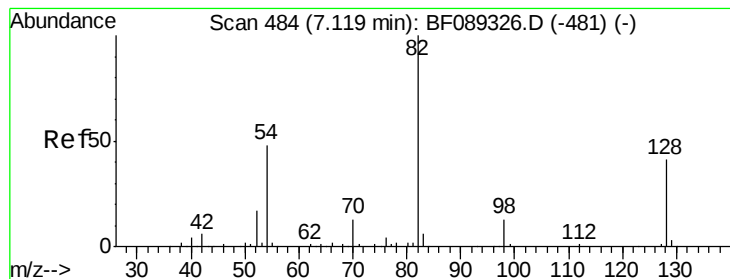
136 100

137 10.4 8.6 13.0

54 5.3 7.0 10.4#

68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 79.39 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

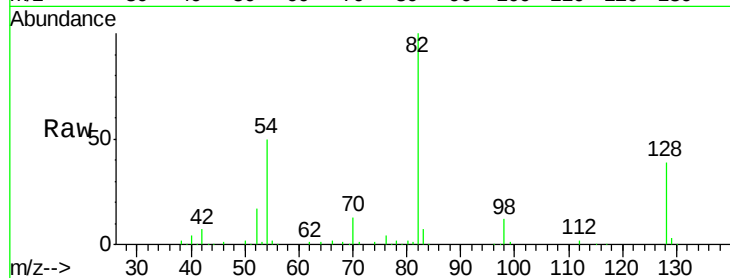
Tgt Ion: 82 Resp: 177193

Ion Ratio Lower Upper

82 100

128 39.4 32.5 48.7

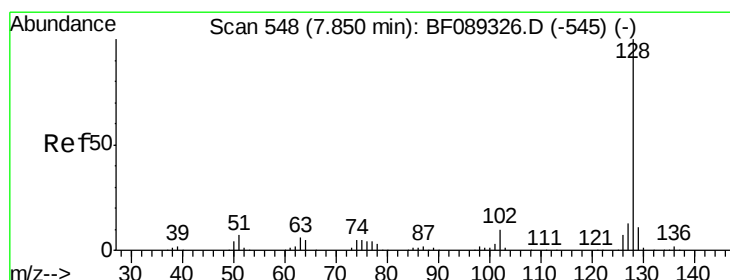
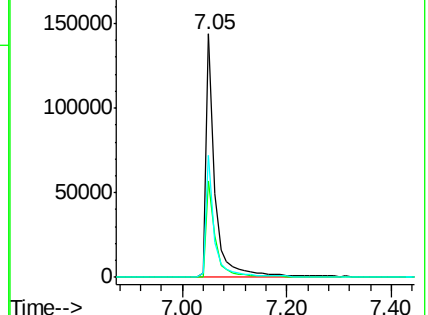
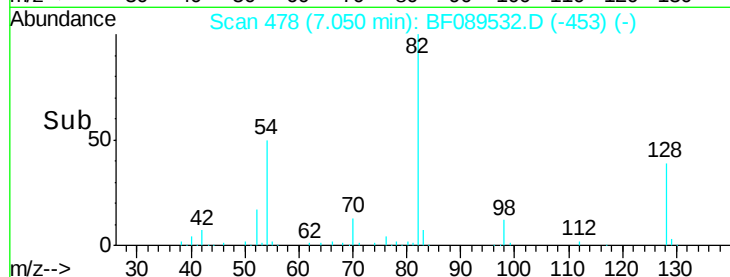
54 49.9 38.8 58.2



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



#31

Naphthalene

Concen: 19.41 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

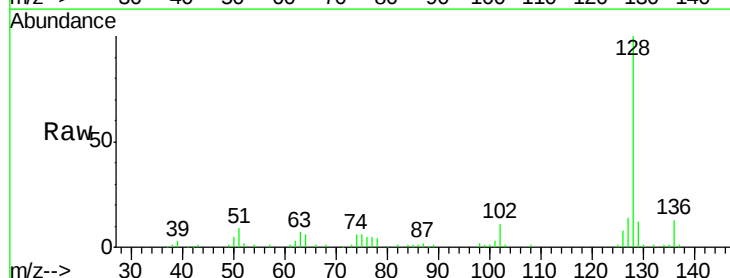
Tgt Ion: 128 Resp: 126604

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

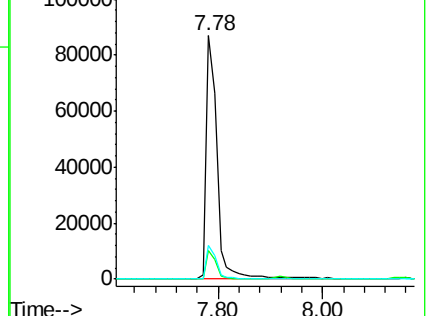
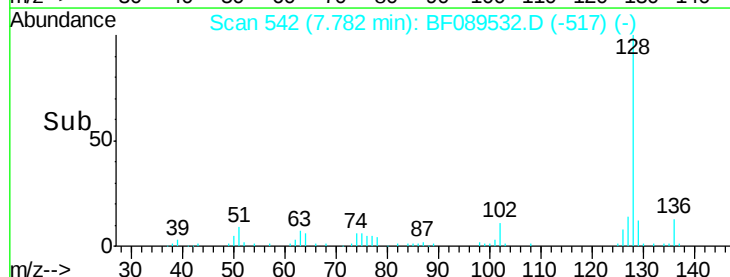
127 13.7 10.8 16.2

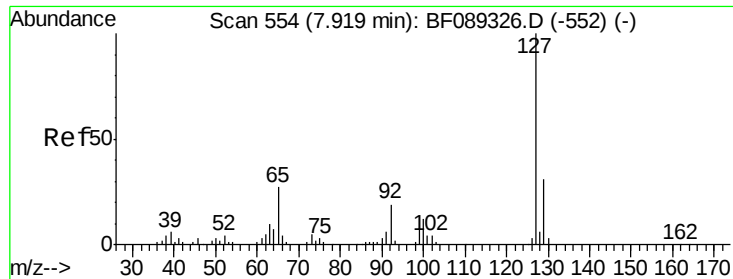


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

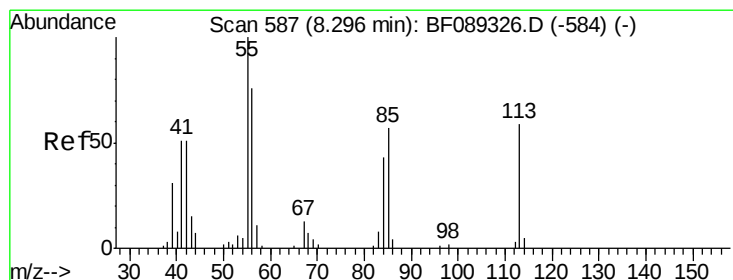
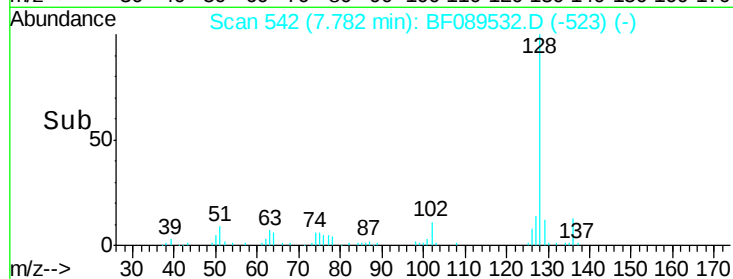
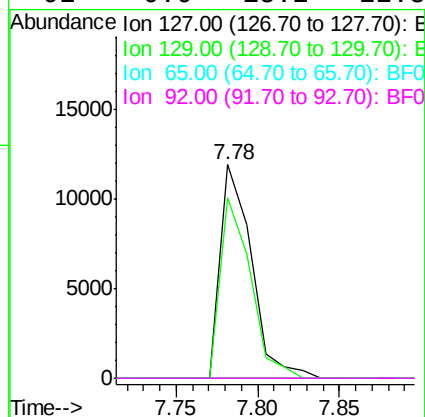
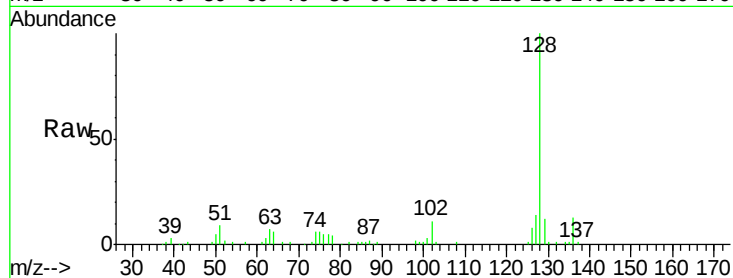




#33
4-Chloroaniline
Concen: 6.34 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

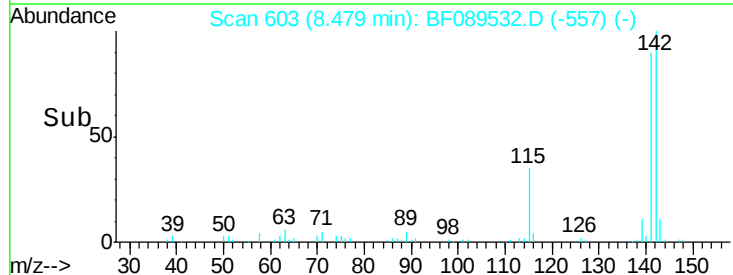
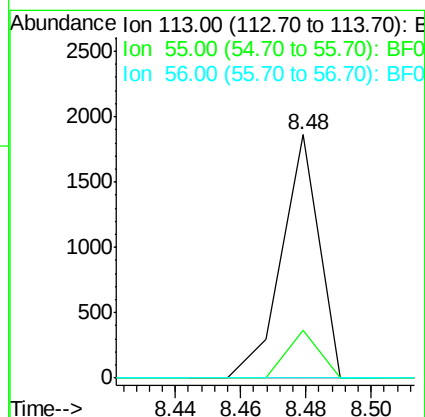
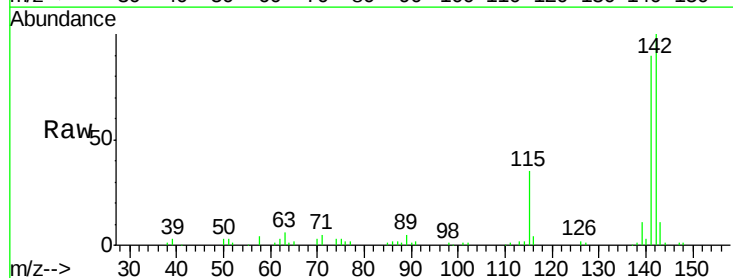
Instrument :
BNA_F
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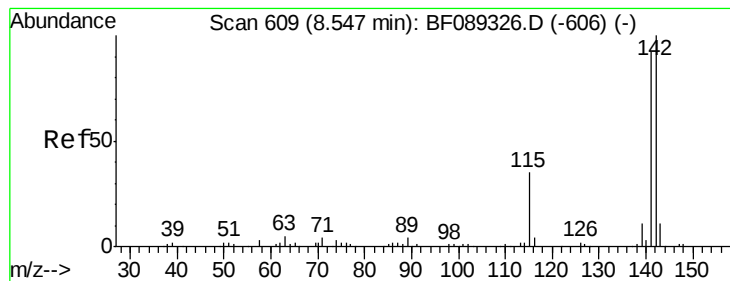
Tgt Ion:	127	Resp:	15737
Ion	Ratio	Lower	Upper
127	100		
129	84.3	26.1	39.1#
65	0.0	22.0	33.0#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 2.98 ng
RT: 8.48 min Scan# 603
Delta R.T. 0.23 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

Tgt Ion:	113	Resp:	1484
Ion	Ratio	Lower	Upper
113	100		
55	19.4	142.3	182.3#
56	0.0	105.8	145.8#

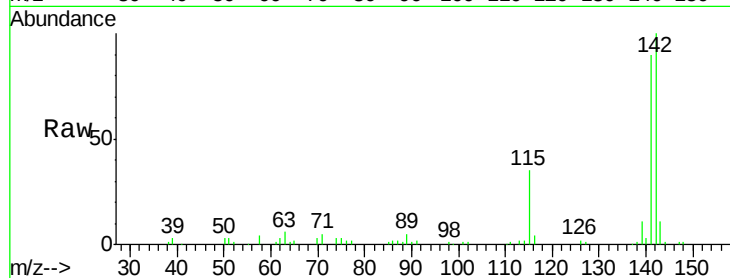




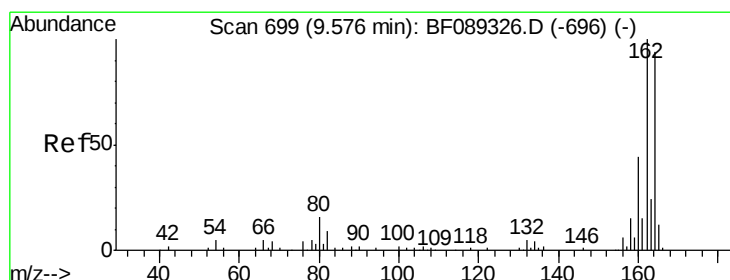
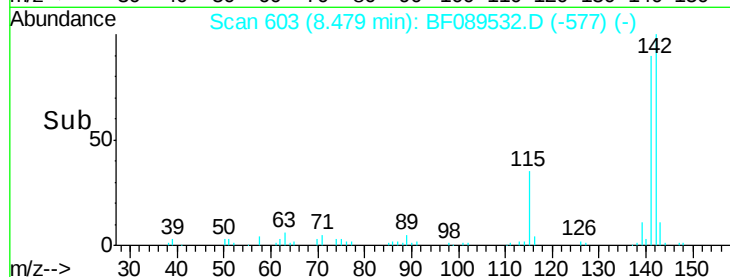
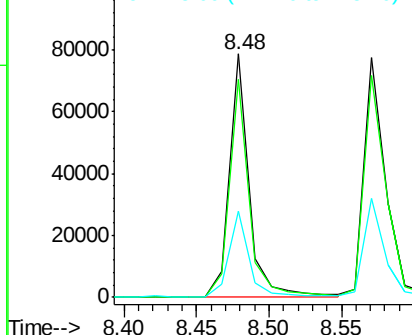
#37
 2-Methylnaphthalene
 Concen: 18.95 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Instrument :
 BNA_F
 ClientSampled :
 SB-64-0.5-1.5

Tgt Ion:142 Resp: 74507
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.9 106.3
 115 35.3 27.6 41.4

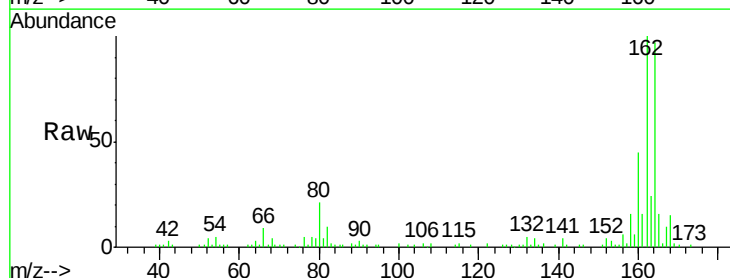


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

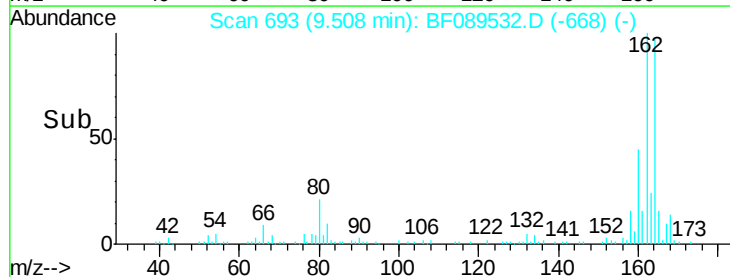
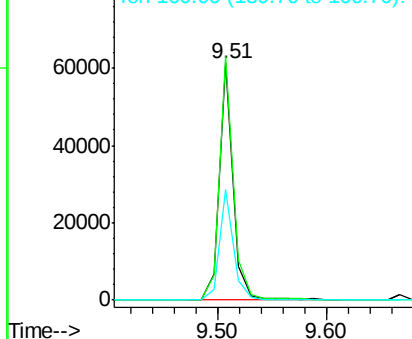


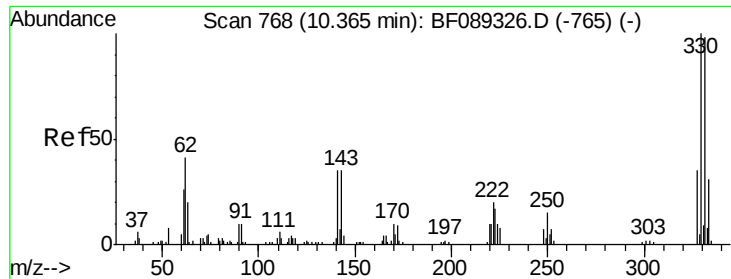
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Tgt Ion:164 Resp: 54542
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.7 125.5
 160 46.4 37.8 56.6



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

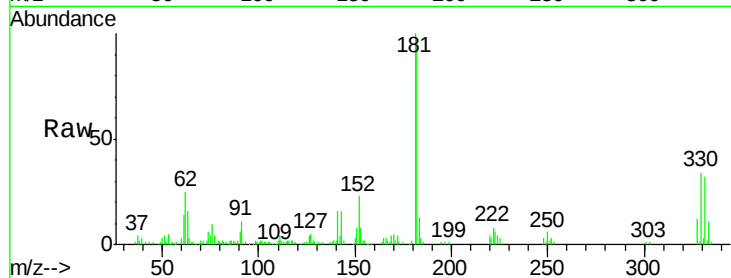




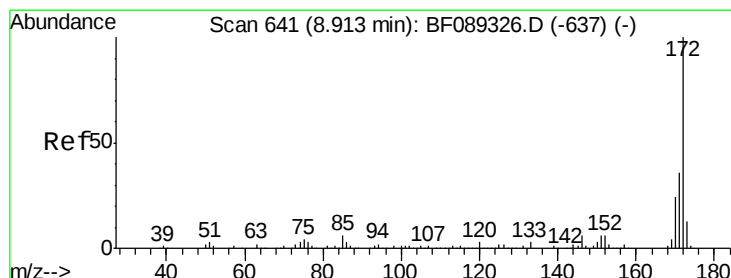
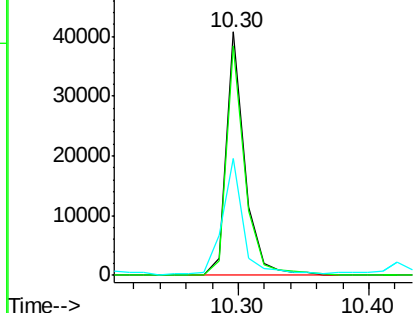
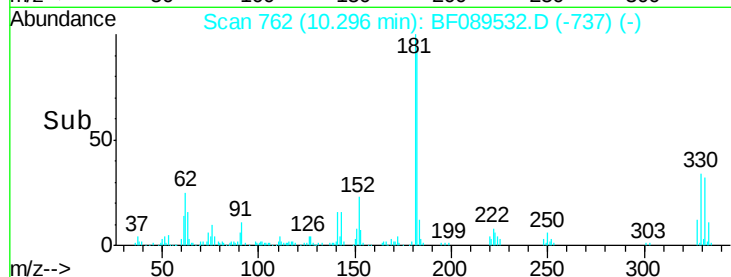
#41
 2,4,6-Tribromophenol
 Concen: 89.39 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

Tgt Ion:330 Resp: 40381
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 57.5 37.3 55.9#

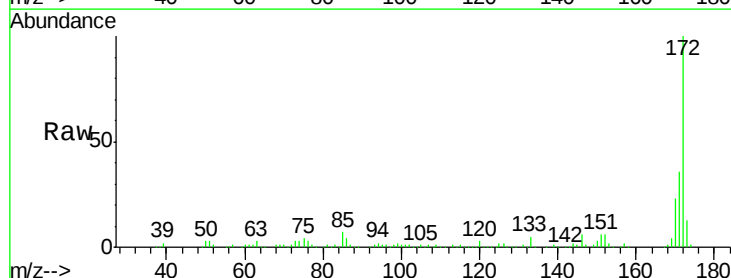


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

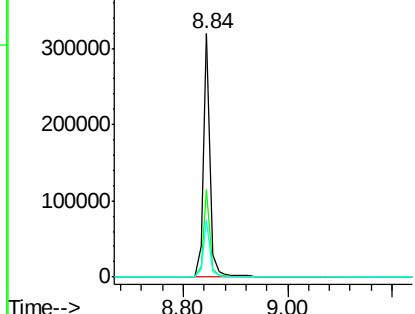
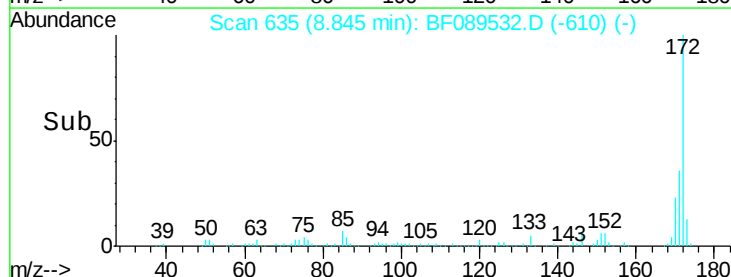


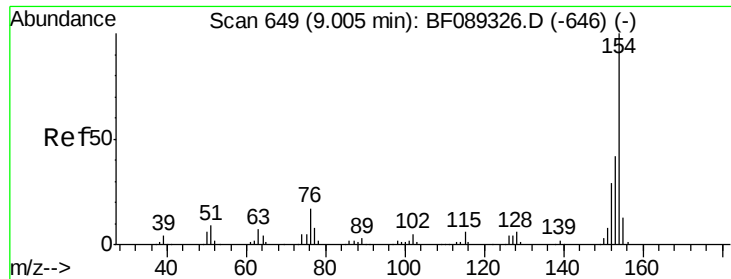
#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Tgt Ion:172 Resp: 288035
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.2 19.2 28.8



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

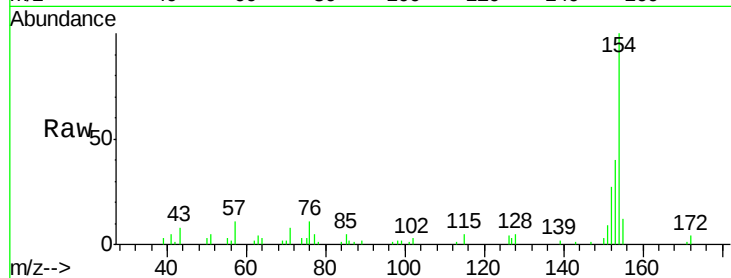




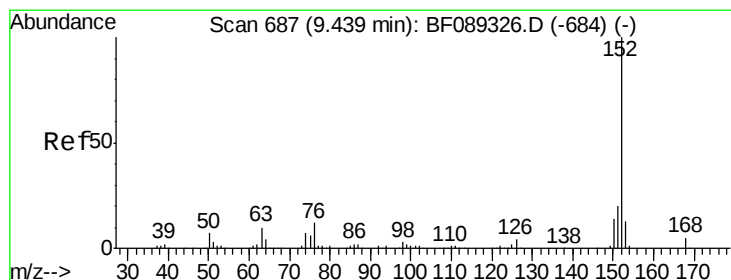
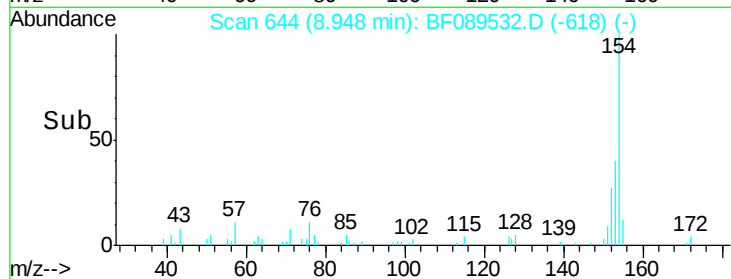
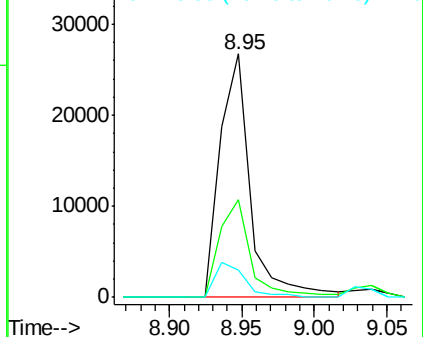
#45
 1,1'-Biphenyl
 Concen: 8.35 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

Tgt Ion:	154	Resp:	38800
Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.0	61.0
76	11.2	0.0	36.6

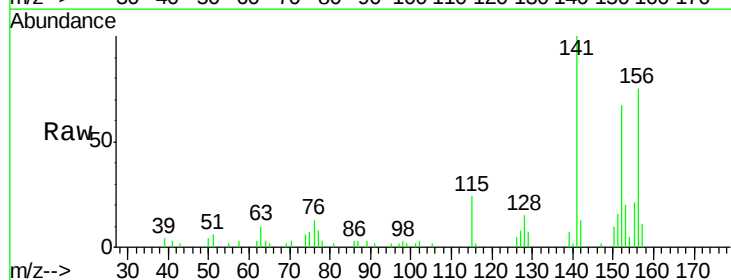


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

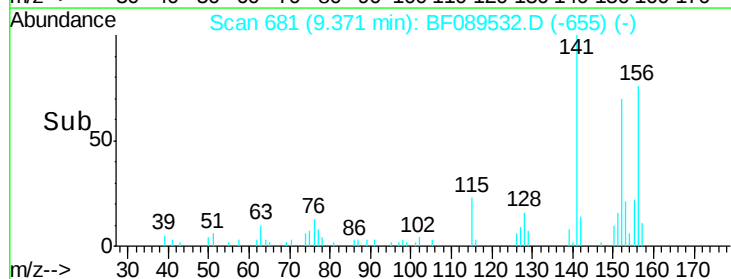
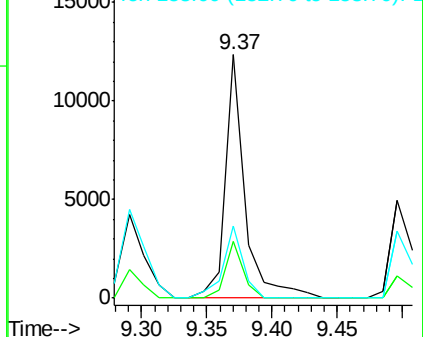


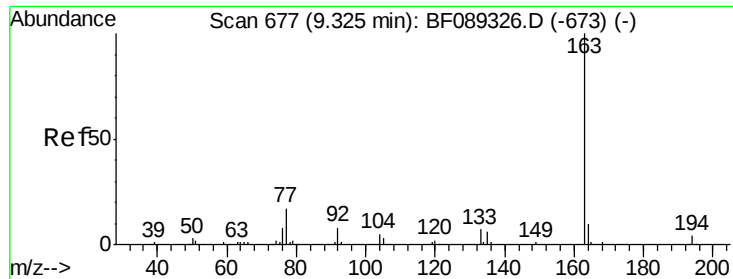
#48
 Acenaphthylene
 Concen: 2.35 ng
 RT: 9.37 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Tgt Ion:	152	Resp:	12900
Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.2
153	29.7	10.2	15.4#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

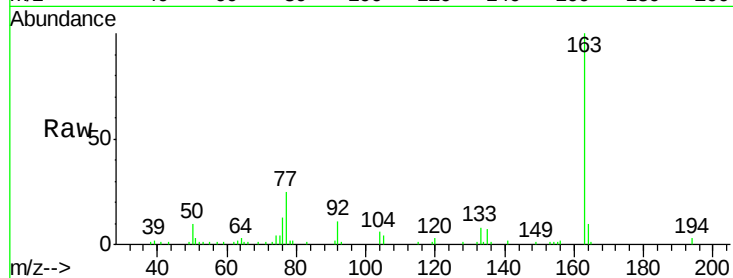




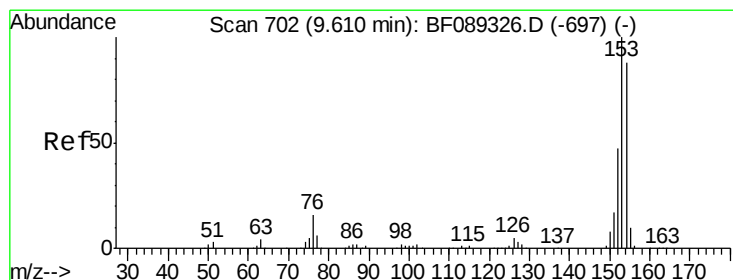
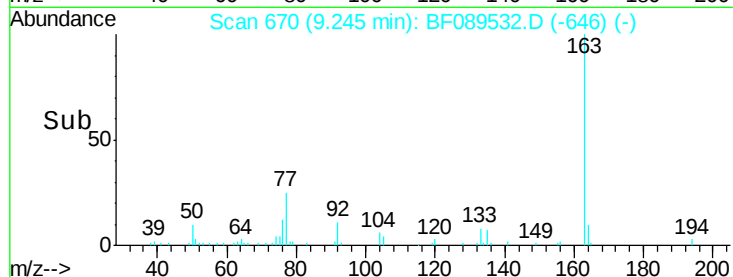
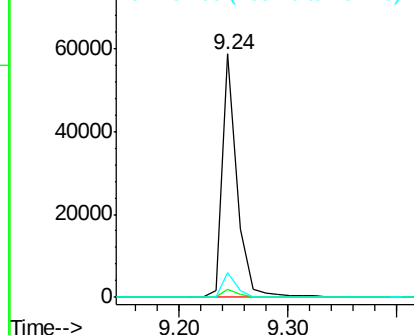
#49
Dimethylphthalate
Concen: 13.49 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

Instrument :
BNA_F
ClientSampleId :
SB-64-0.5-1.5

Tgt Ion:163 Resp: 55999
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.2 7.8 11.8

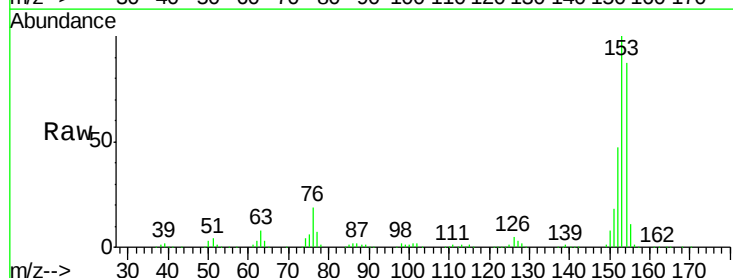


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

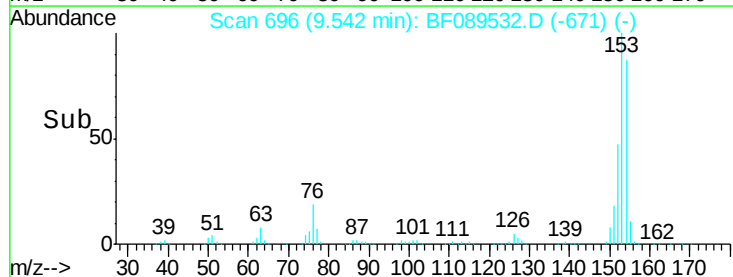
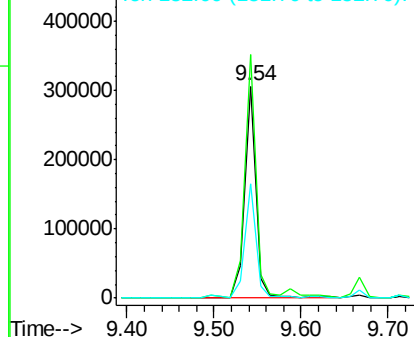


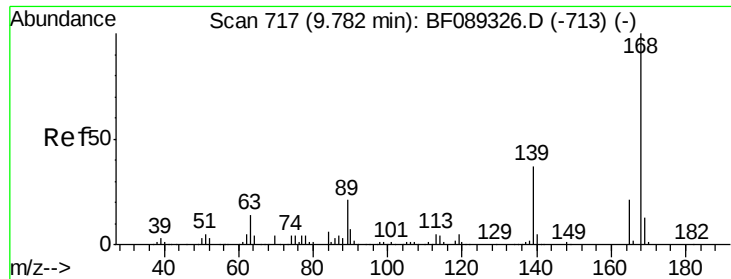
#51
Acenaphthene
Concen: 85.75 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

Tgt Ion:154 Resp: 275087
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.2
152 53.9 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

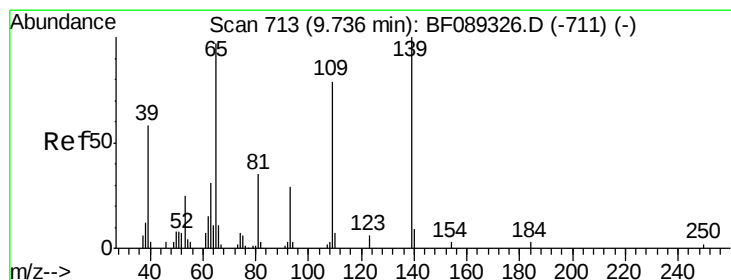
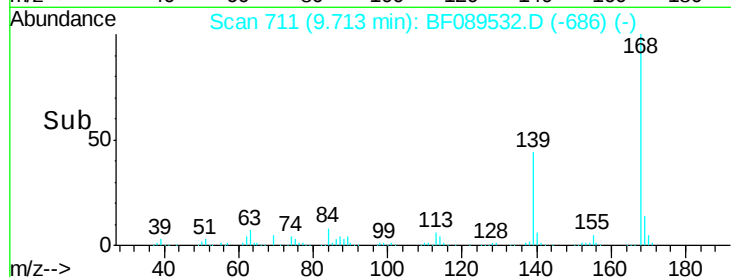
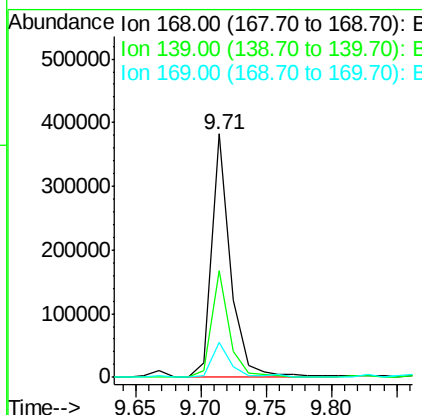
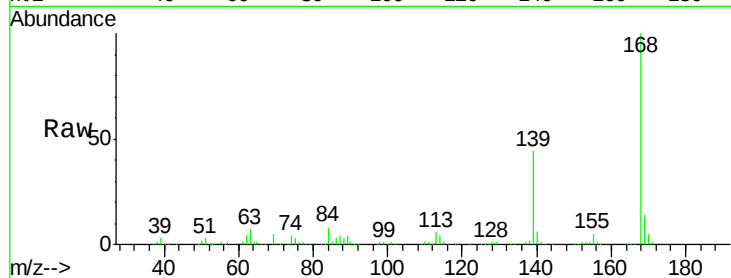




#54
Dibenzofuran
Concen: 88.67 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

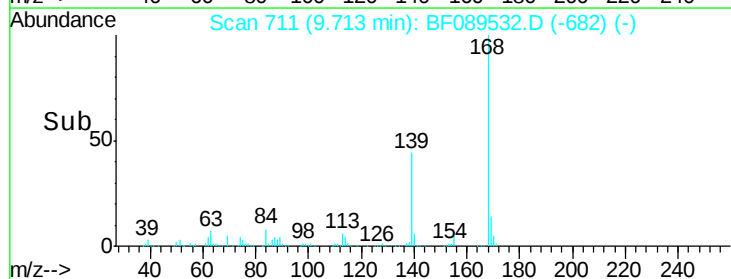
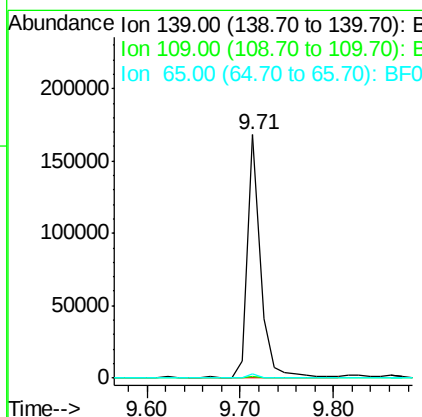
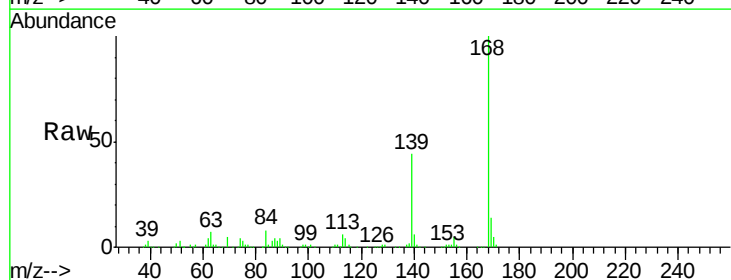
Instrument :
BNA_F
ClientSampleId :
SB-64-0.5-1.5

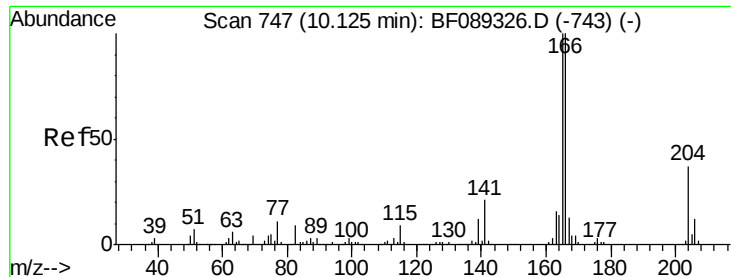
Tgt Ion:168 Resp: 387581
Ion Ratio Lower Upper
168 100
139 44.0 33.7 50.5
169 14.5 10.7 16.1



#55
4-Nitrophenol
Concen: 355.49 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.03 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

Tgt Ion:139 Resp: 165949
Ion Ratio Lower Upper
139 100
109 0.9 57.8 97.8#
65 1.7 81.7 121.7#

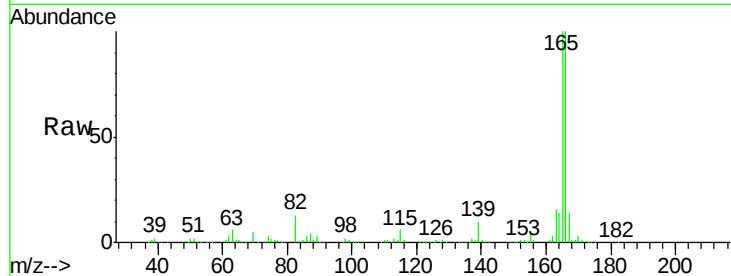




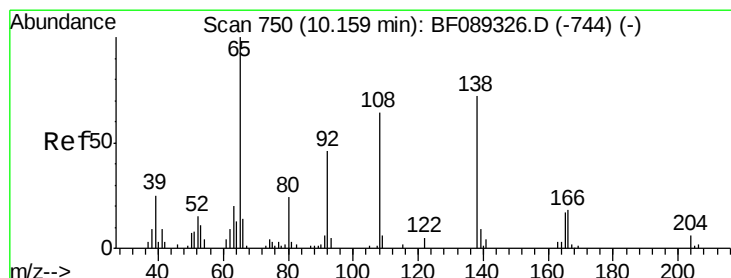
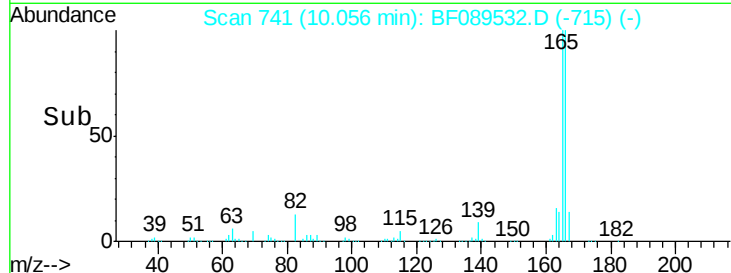
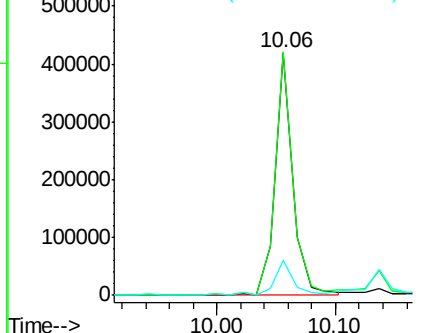
#57
 Fluorene
 Concen: 114.79 ng
 RT: 10.06 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

Tgt Ion:166 Resp: 438027
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.0 118.4
 167 14.3 10.2 15.2

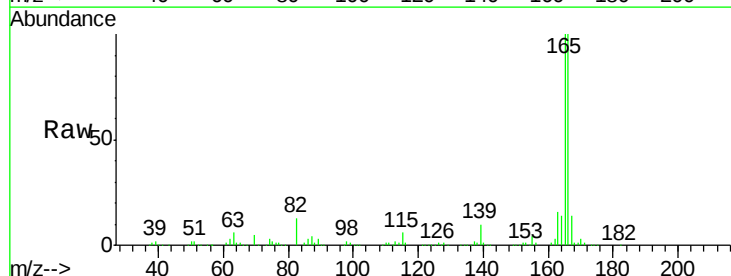


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

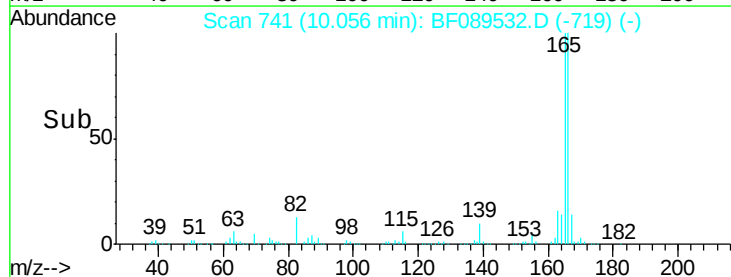
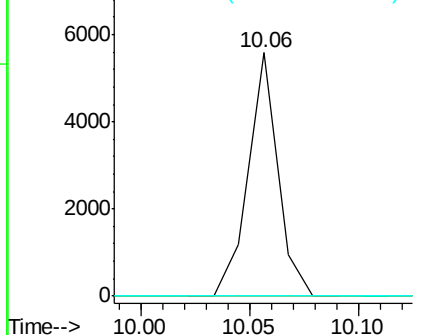


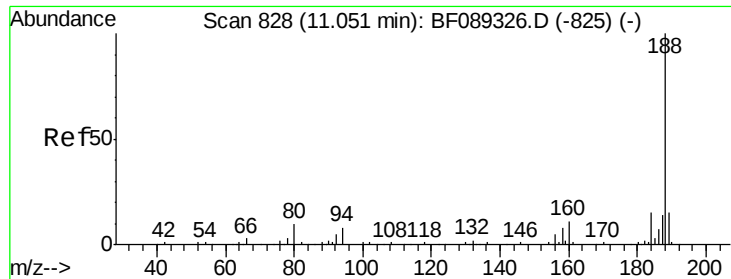
#61
 4-Nitroaniline
 Concen: 5.71 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Tgt Ion:138 Resp: 5298
 Ion Ratio Lower Upper
 138 100
 92 0.0 41.2 81.2#
 108 0.0 69.6 109.6#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E

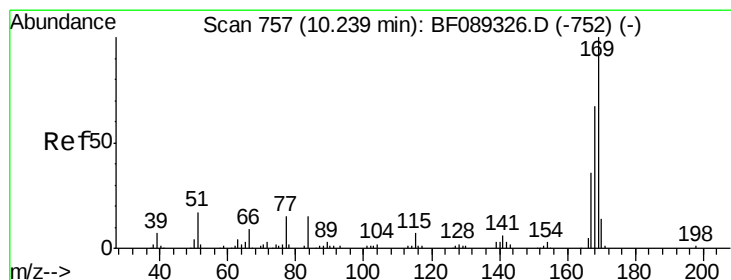
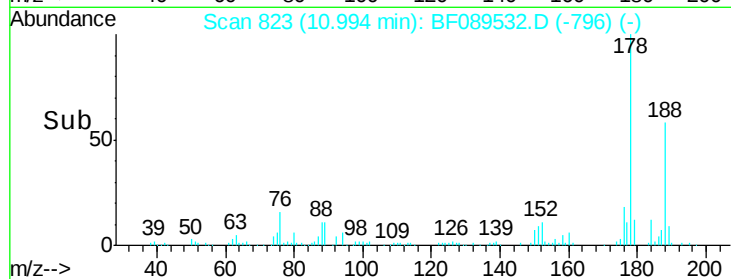
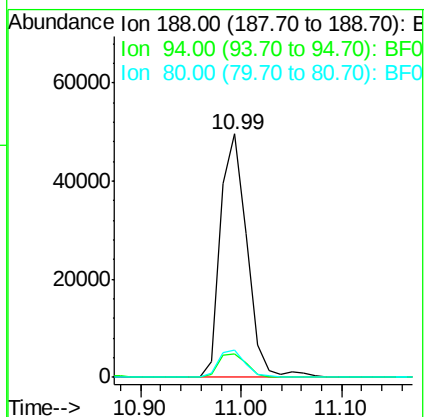
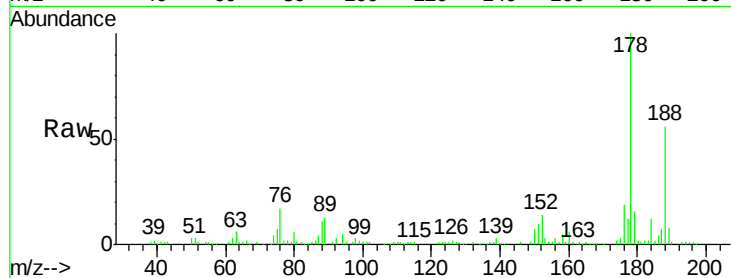




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

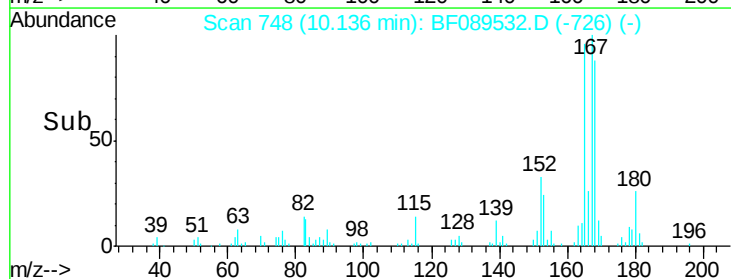
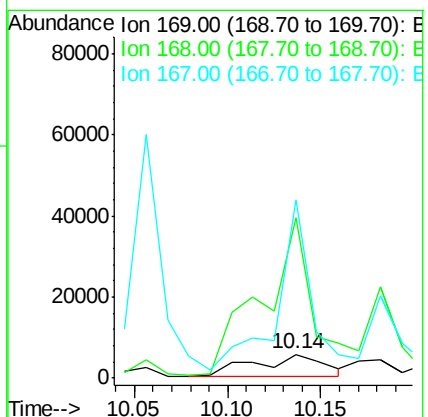
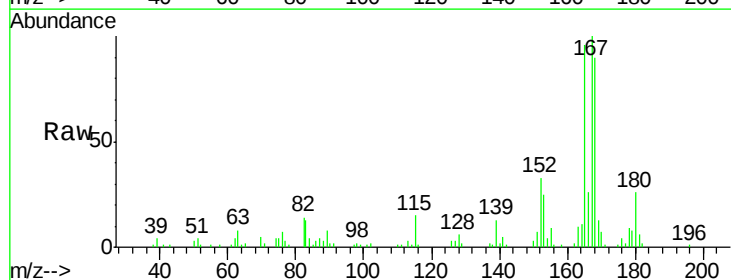
Instrument :
BNA_F
ClientSampleId :
SB-64-0.5-1.5

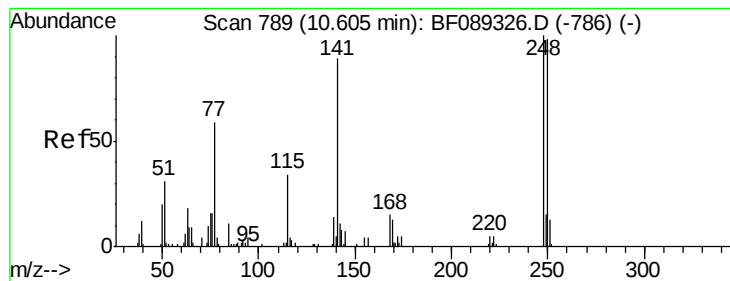
Tgt Ion:188 Resp: 90783
Ion Ratio Lower Upper
188 100
94 9.7 6.5 9.7#
80 11.0 7.2 10.8#



#65
n-Nitrosodiphenylamine
Concen: 5.08 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

Tgt Ion:169 Resp: 14377
Ion Ratio Lower Upper
169 100
168 685.1 55.4 83.0#
167 760.4 29.7 44.5#





#66

4-Bromophenyl-phenylether

Concen: 3.18 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.25 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

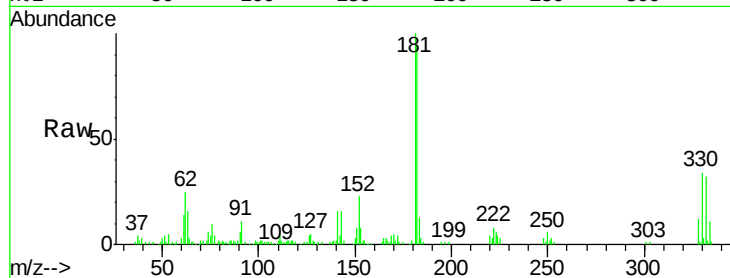
Tgt Ion:248 Resp: 2758

Ion Ratio Lower Upper

248 100

250 205.8 78.2 117.2#

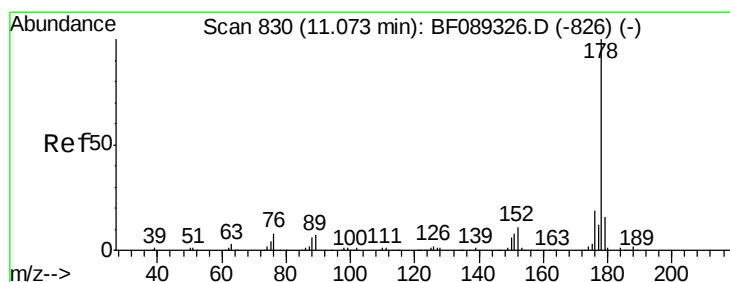
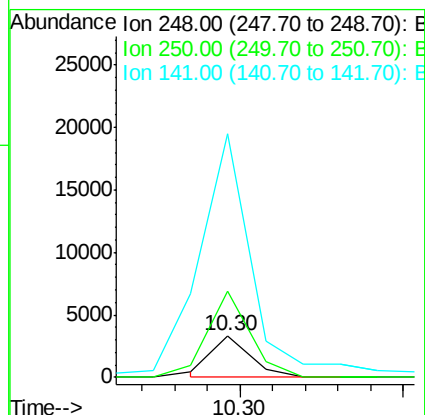
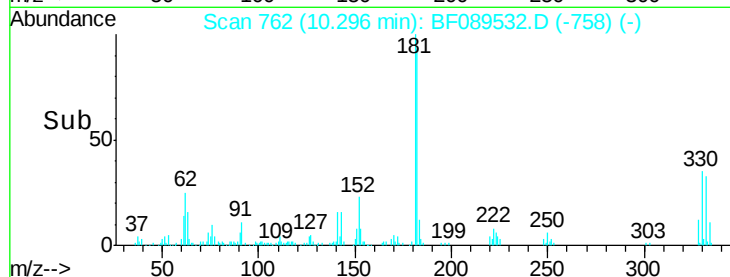
141 582.8 62.0 93.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 677.68 ng

RT: 11.04 min Scan# 827

Delta R.T. 0.03 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

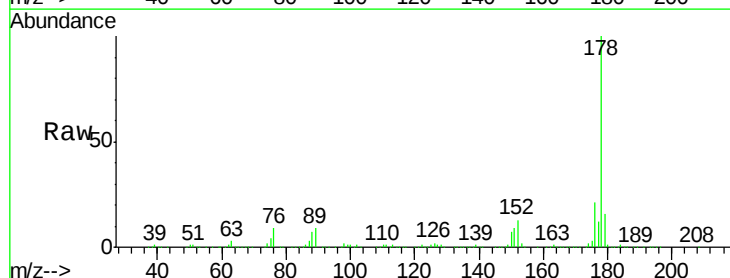
Tgt Ion:178 Resp: 3172967

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

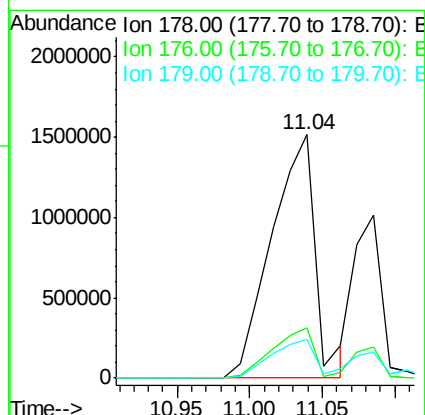
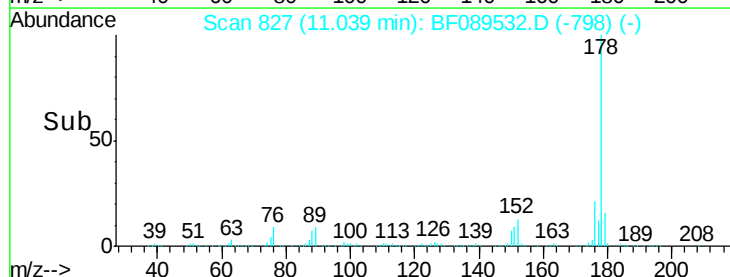
179 16.0 12.3 18.5

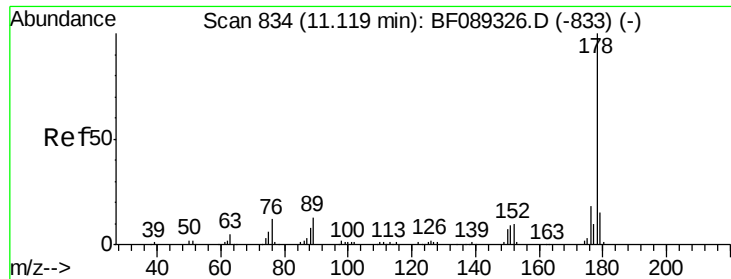


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

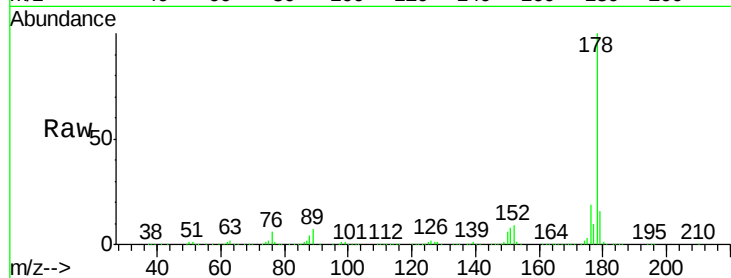




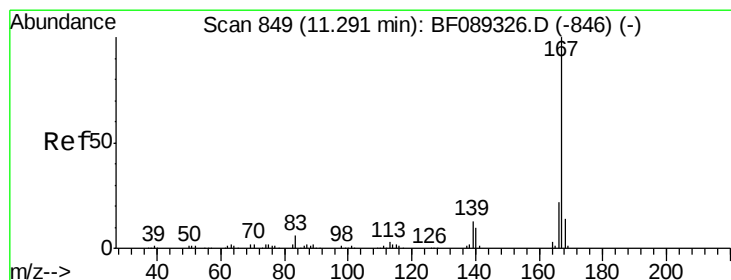
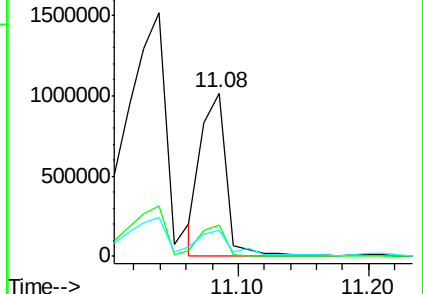
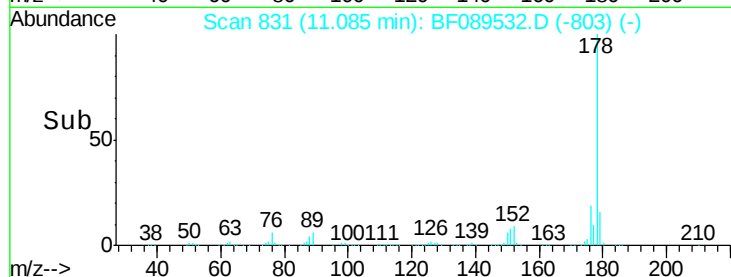
#71
 Anthracene
 Concen: 260.65 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.02 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

Tgt Ion:178 Resp: 1356848
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.8 22.2
 179 15.7 12.6 18.8

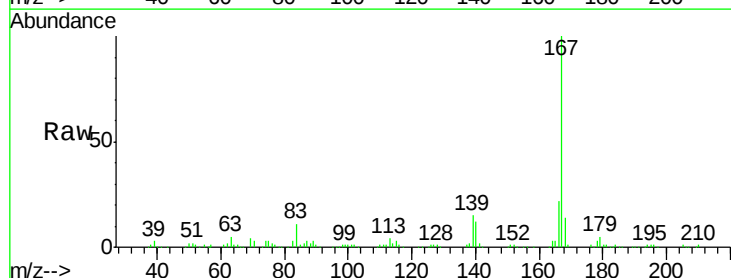


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

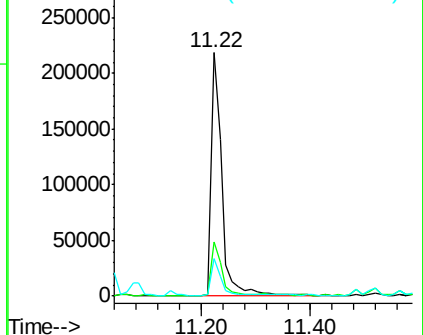
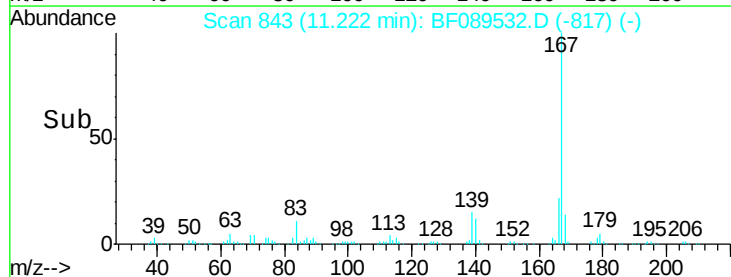


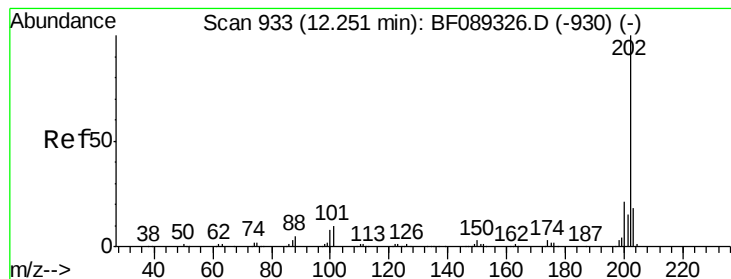
#72
 Carbazole
 Concen: 68.29 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Tgt Ion:167 Resp: 299255
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 15.3 10.1 15.1#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

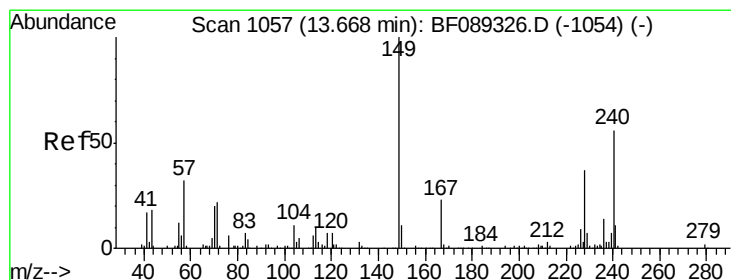
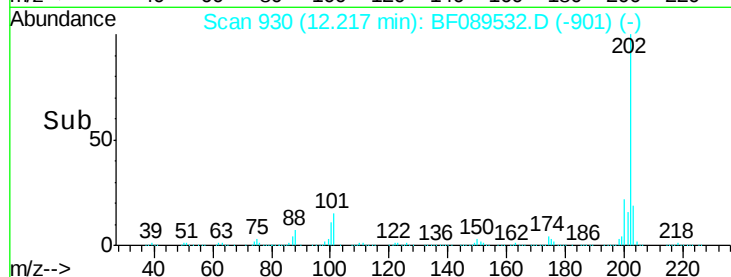
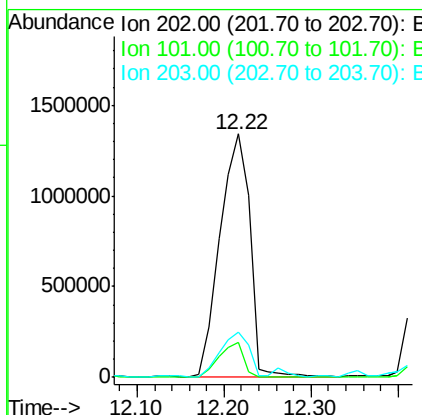
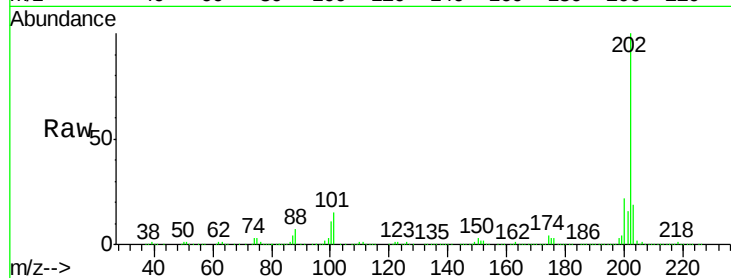




#74
 Fluoranthene
 Concen: 647.91 ng
 RT: 12.22 min Scan# 930
 Delta R.T. 0.03 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

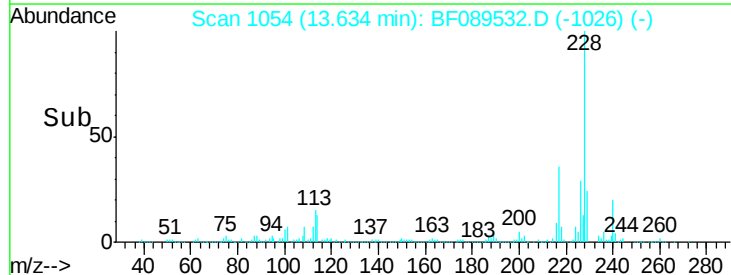
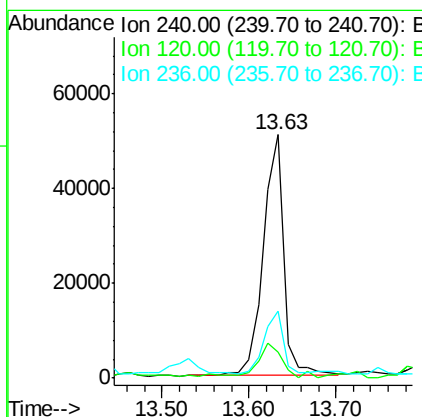
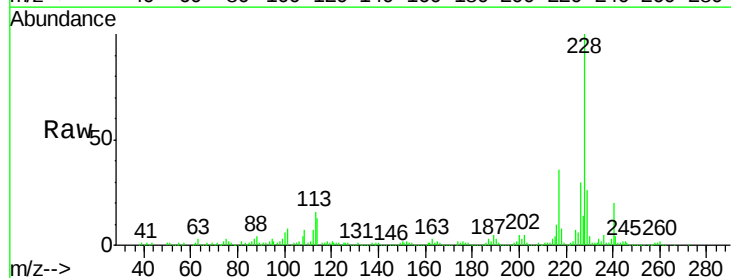
Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

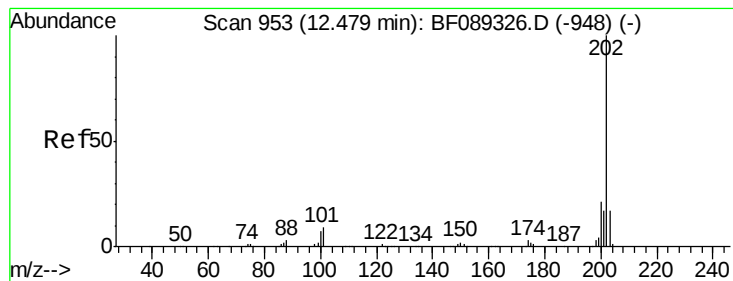
Tgt Ion:202 Resp: 3191073
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 29.9
 203 18.8 0.0 37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.02 min
 Lab File: BF089532.D
 Acq: 2 Aug 2016 1:56

Tgt Ion:240 Resp: 83989
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.1 13.7
 236 27.3 20.6 30.8





#77

Pyrene

Concen: 393.40 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.03 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

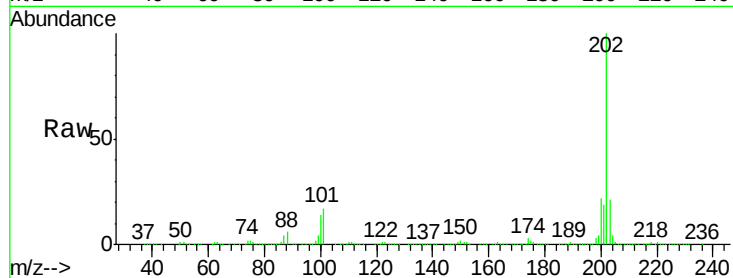
Tgt Ion:202 Resp: 2504158

Ion Ratio Lower Upper

202 100

200 22.4 16.9 25.3

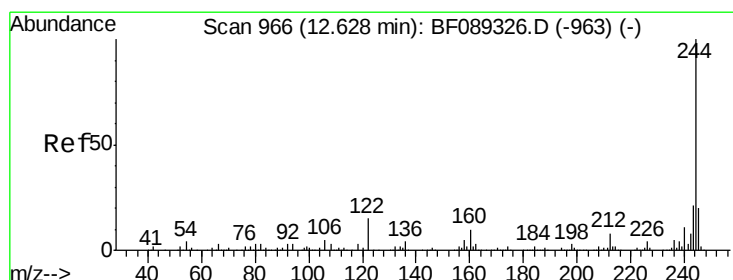
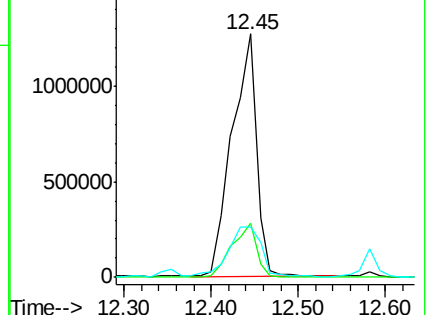
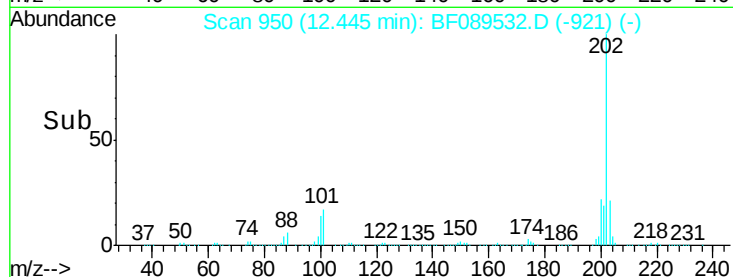
203 20.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.31 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

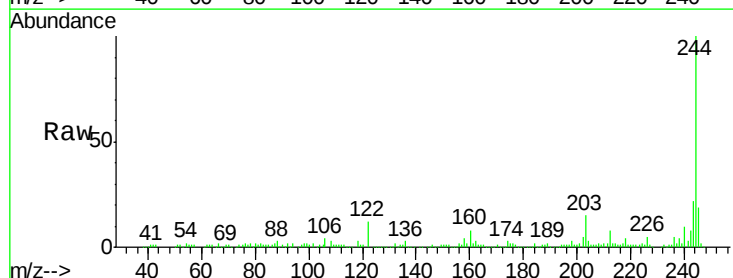
Tgt Ion:244 Resp: 234365

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

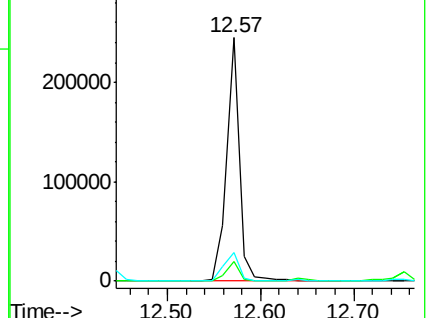
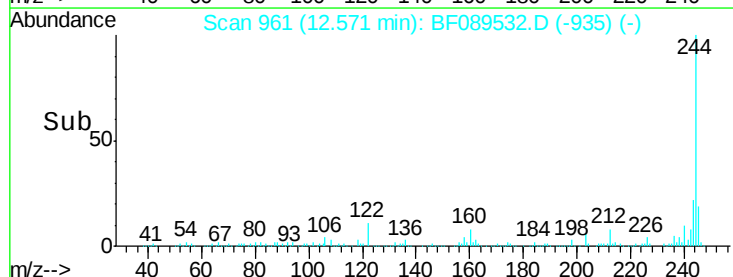
122 11.6 11.4 17.0

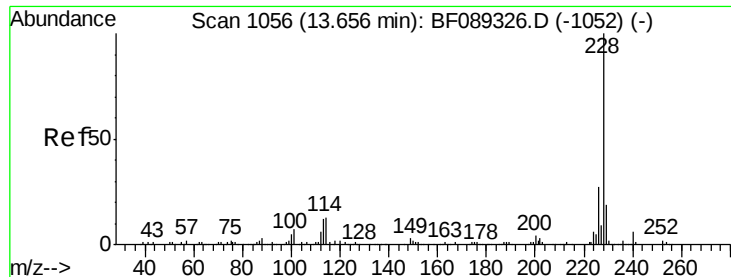


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 306.07 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.02 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

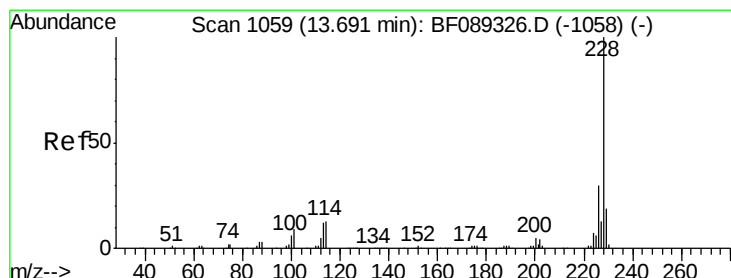
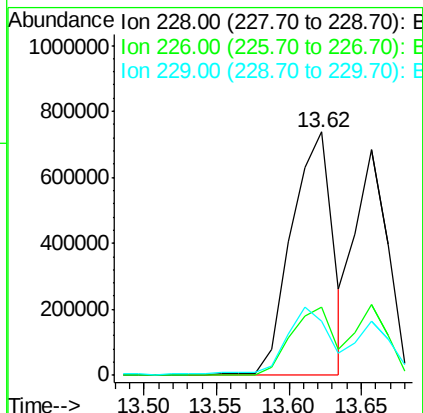
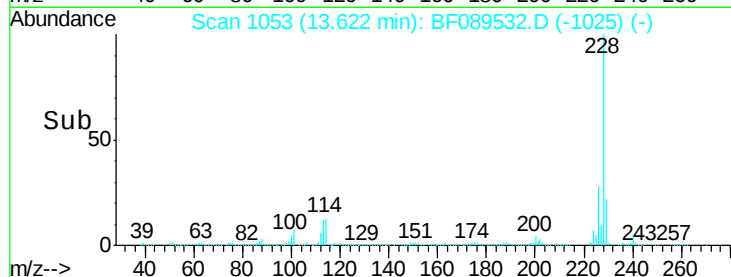
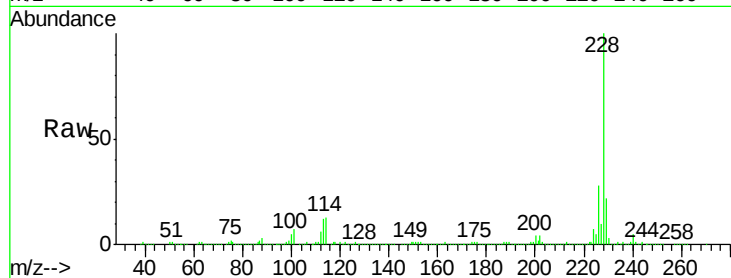
Tgt Ion:228 Resp: 1450713

Ion Ratio Lower Upper

228 100

226 28.3 21.4 32.2

229 22.2 15.9 23.9



#82

Chrysene

Concen: 287.54 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

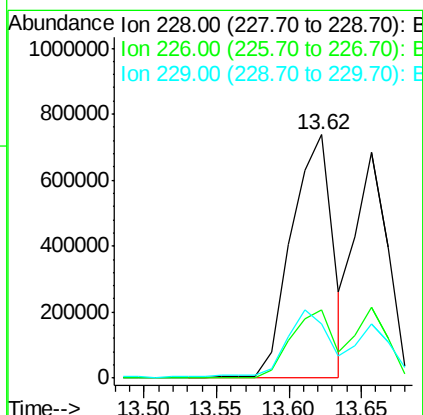
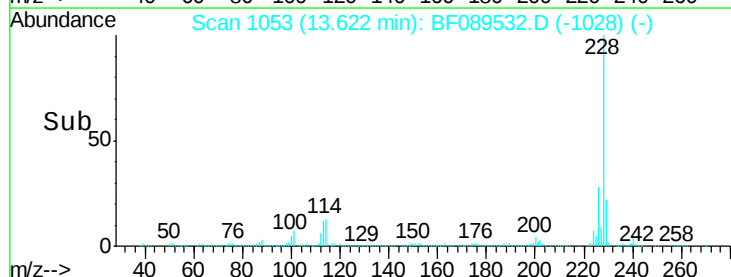
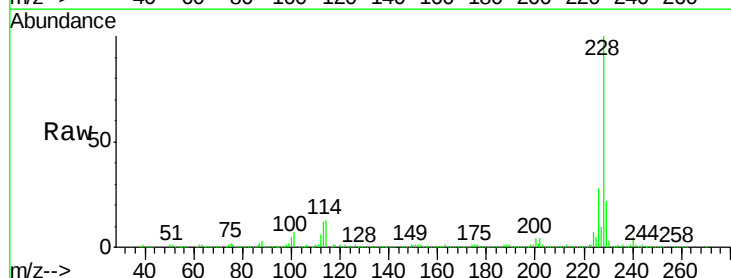
Tgt Ion:228 Resp: 1450713

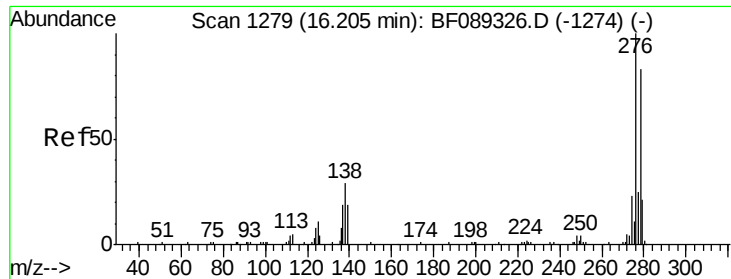
Ion Ratio Lower Upper

228 100

226 28.3 24.2 36.2

229 22.2 15.9 23.9

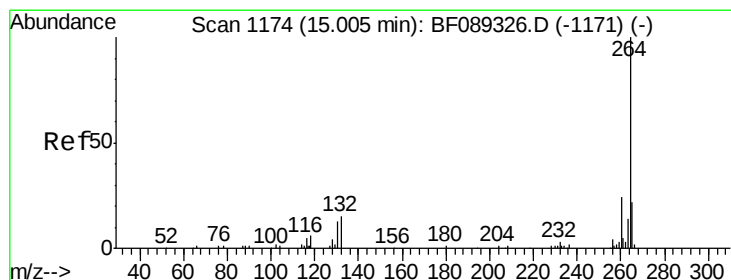
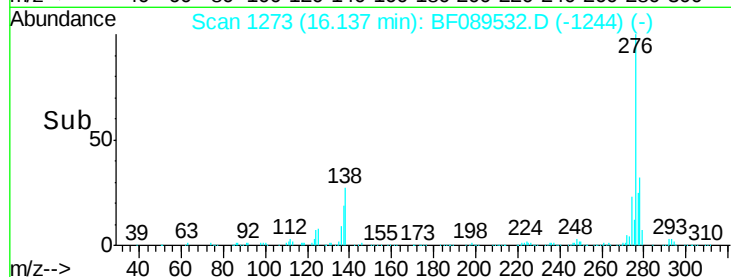
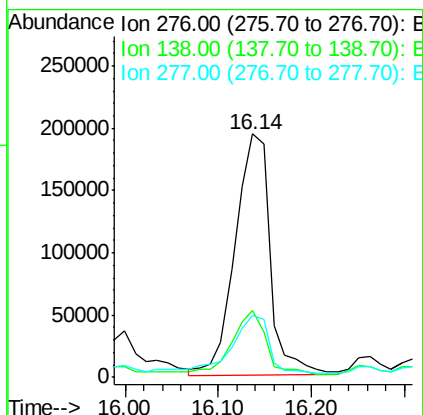
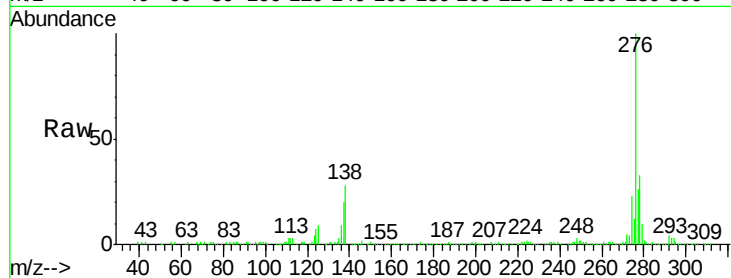




#85
Indeno(1,2,3-cd)pyrene
Concen: 141.68 ng
RT: 16.14 min Scan# 1273
Delta R.T. 0.03 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

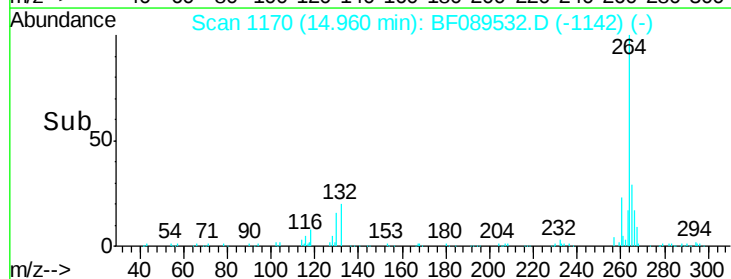
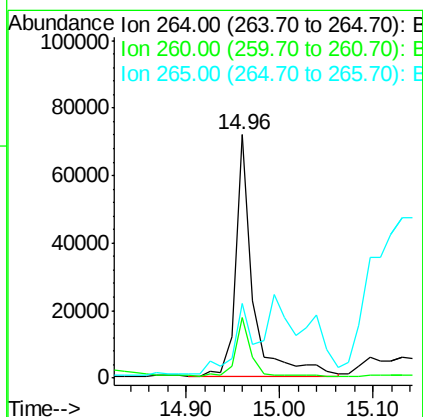
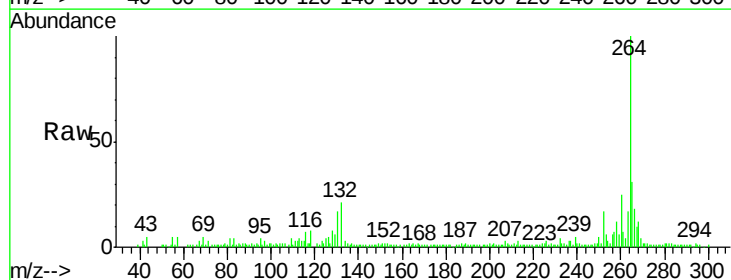
Instrument :
BNA_F
ClientSampleId :
SB-64-0.5-1.5

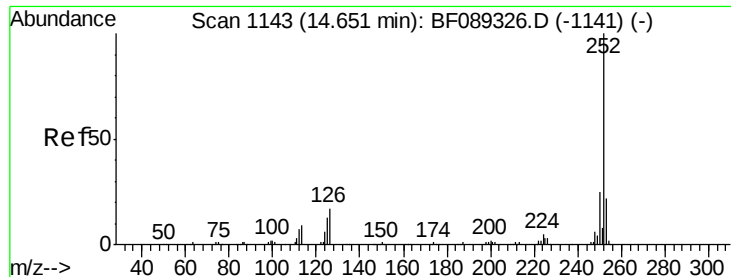
Tgt Ion: 276 Resp: 508245
Ion Ratio Lower Upper
276 100
138 27.7 23.0 34.4
277 28.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF089532.D
Acq: 2 Aug 2016 1:56

Tgt Ion: 264 Resp: 92845
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.4
265 30.6 17.5 26.3#





#87

Benzo(b)fluoranthene

Concen: 288.07 ng

RT: 14.63 min Scan# 1141

Delta R.T. 0.03 min

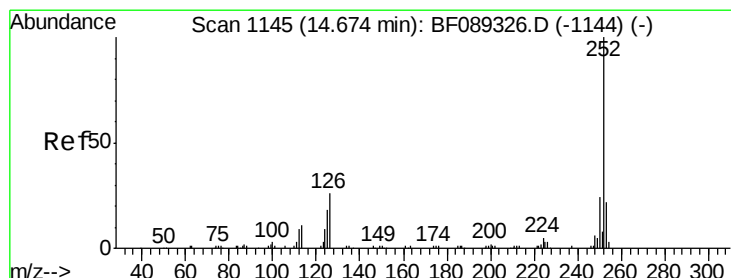
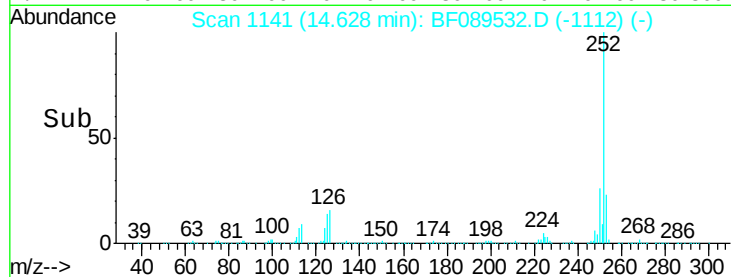
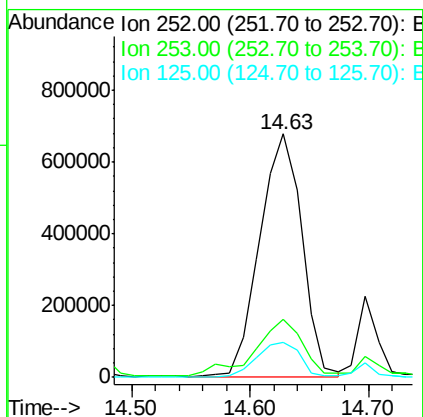
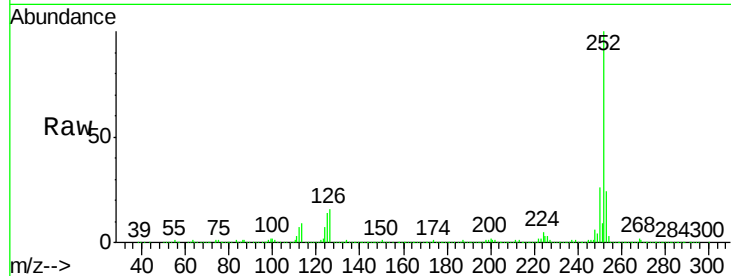
Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :
BNA_F
ClientSampleId :
SB-64-0.5-1.5

Tgt Ion:252 Resp: 1660975

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	14.1	9.7	14.5



#88

Benzo(k)fluoranthene

Concen: 313.33 ng

RT: 14.63 min Scan# 1141

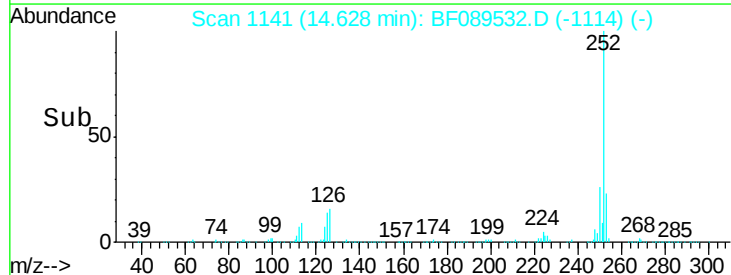
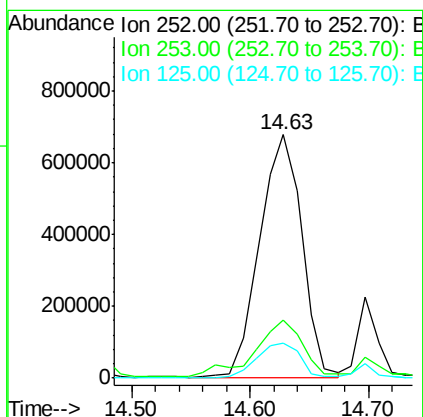
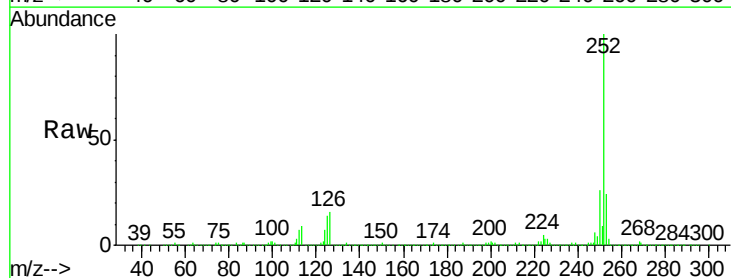
Delta R.T. 0.01 min

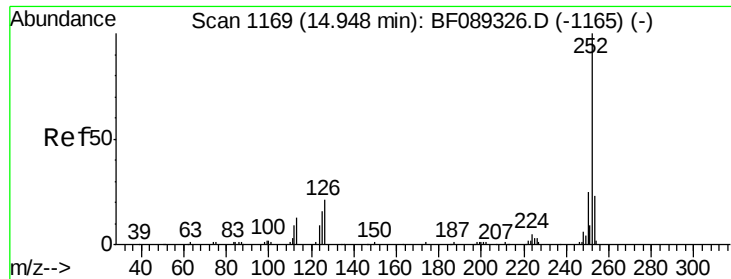
Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Tgt Ion:252 Resp: 1660975

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	14.1	10.7	16.1





#89

Benzo(a)pyrene

Concen: 187.99 ng

RT: 14.93 min Scan# 1167

Delta R.T. 0.03 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

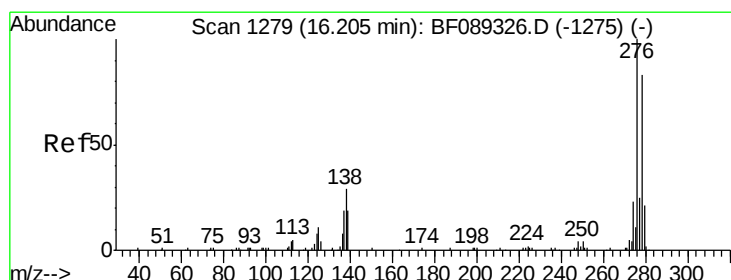
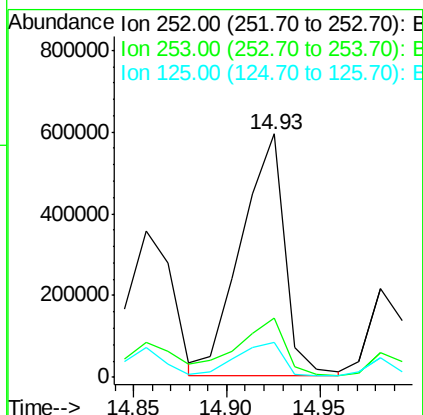
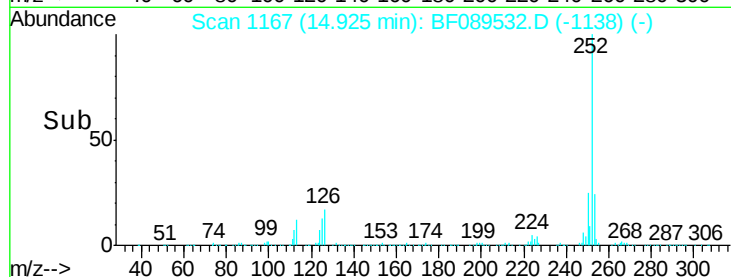
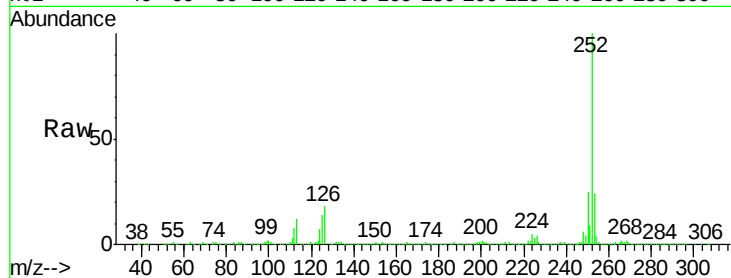
Tgt Ion:252 Resp: 972344

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

125 14.2 12.4 18.6



#90

Dibenzo(a,h)anthracene

Concen: 26.00 ng

RT: 16.26 min Scan# 1284

Delta R.T. 0.15 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

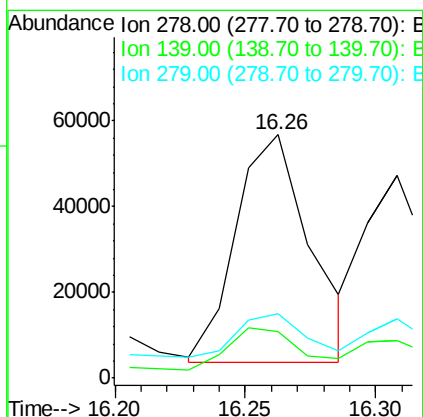
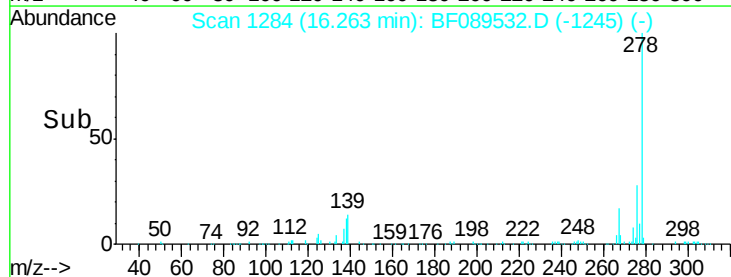
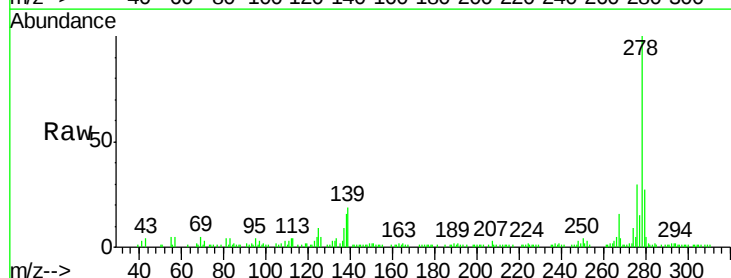
Tgt Ion:278 Resp: 105931

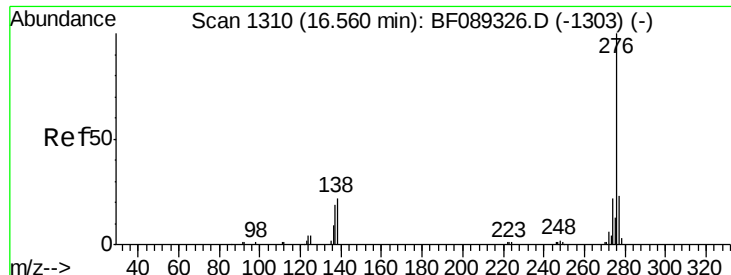
Ion Ratio Lower Upper

278 100

139 19.1 16.3 24.5

279 26.7 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 114.91 ng

RT: 16.49 min Scan# 1304

Delta R.T. 0.05 min

Lab File: BF089532.D

Acq: 2 Aug 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-64-0.5-1.5

Tgt Ion: 276 Resp: 460256

Ion Ratio Lower Upper

276 100

277 26.2 18.6 28.0

138 28.2 21.4 32.0

