

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089818.D
 Acq On : 20 Aug 2016 1:19
 Operator : UM/SJ
 Sample : H4518-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

Quant Time: Aug 22 01:26:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	551287	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1872390	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	838022	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1281384	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1012235	20.00	ng	-0.03
86) Perylene-d12	15.31	264	1187293	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4291168	133.49	ng	0.02
7) Phenol-d6	6.33	99	5122327	129.80	ng	0.01
23) Nitrobenzene-d5	7.26	82	3058724	101.49	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	862709	108.32	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4168469	87.42	ng	0.00
78) Terphenyl-d14	12.78	244	2535743	56.67	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	2.86	79	228	0.01	ng	# 1
4) n-Nitrosodimethylamine	2.74	42	551	0.04	ng	# 1
6) Aniline	6.34	93	1833	0.03	ng	# 1
8) 2-Chlorophenol	6.47	128	3003	0.08	ng	95
9) Benzaldehyde	6.46	77	91649	3.57	ng	92
10) Phenol	6.34	94	44803	0.97	ng	# 70
11) bis(2-Chloroethyl)ether	6.46	93	6191	0.17	ng	# 1
12) 1,3-Dichlorobenzene	6.86	146	564	0.01	ng	# 1
13) 1,4-Dichlorobenzene	6.86	146	564	0.01	ng	# 51
14) 1,2-Dichlorobenzene	6.86	146	564	0.01	ng	# 49
15) Benzyl Alcohol	6.84	79	50633	1.93	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.03	45	232	0.01	ng	69
17) 2-Methylphenol	7.10	107	92605	3.08	ng	# 71
18) Hexachloroethane	7.28	117	800	0.05	ng	# 2
19) n-Nitroso-di-n-propylamine	7.26	70	409889	16.24	ng	# 69
20) 3+4-Methylphenols	7.10	107	92605	2.51	ng	# 47
22) Acetophenone	7.10	105	3118	0.07	ng	# 1
24) Nitrobenzene	7.26	77	10371	0.31	ng	# 35
25) Isophorone	7.26	82	2883169	47.43	ng	# 67
27) 2,4-Dimethylphenol	7.63	122	854	0.03	ng	# 86
28) bis(2-Chloroethoxy)methane	7.72	93	699	0.02	ng	# 1
31) Naphthalene	7.99	128	9421	0.11	ng	98
32) Benzoic acid	7.75	122	2707	0.11	ng	# 46
33) 4-Chloroaniline	7.99	127	928	0.02	ng	# 27
35) Caprolactam	8.35	113	525	0.07	ng	# 51
36) 4-Chloro-3-methylphenol	8.52	107	327	0.01	ng	# 16
37) 2-Methylnaphthalene	8.68	142	2555	0.05	ng	# 96
45) 1,1'-Biphenyl	9.14	154	1619	0.02	ng	# 79
46) 2-Chloronaphthalene	9.16	162	311	0.01	ng	# 36
47) 2-Nitroaniline	9.15	65	2053	0.14	ng	# 5
48) Acenaphthylene	9.58	152	2715	0.04	ng	# 79
49) Dimethylphthalate	9.44	163	1160863	19.67	ng	99
50) 2,6-Dinitrotoluene	9.44	165	12640	0.93	ng	# 1
51) Acenaphthene	9.71	154	4435	0.09	ng	# 4

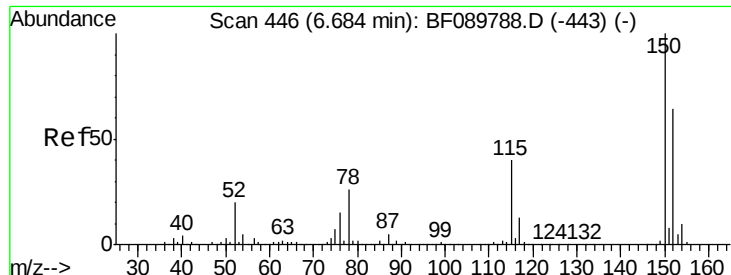
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089818.D
 Acq On : 20 Aug 2016 1:19
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	9.92	168	1803	0.03	ng	# 72
55) 4-Nitrophenol	9.92	139	909	0.07	ng	# 15
56) 2,4-Dinitrotoluene	9.71	165	114343	6.47	ng	# 35
57) Fluorene	10.26	166	1886	0.04	ng	# 84
59) Diethylphthalate	10.15	149	5932	0.10	ng	# 97
62) Azobenzene	10.42	77	2658	0.05	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.50	198	2131	0.29	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	1028	0.03	ng	# 88
66) 4-Bromophenyl-phenylether	10.50	248	55981	4.17	ng	# 1
70) Phenanthrene	11.21	178	8879	0.14	ng	95
71) Anthracene	11.27	178	2415	0.04	ng	97
72) Carbazole	11.42	167	876	0.01	ng	# 46
73) Di-n-butylphthalate	11.77	149	10120	0.14	ng	# 96
74) Fluoranthene	12.40	202	4045	0.07	ng	92
77) Pyrene	12.62	202	4098	0.05	ng	99
79) Butylbenzylphthalate	13.27	149	1014	0.03	ng	# 33
80) Benzo(a)anthracene	13.84	228	7792	0.13	ng	# 69
81) 3,3'-Dichlorobenzidine	13.81	252	303	0.02	ng	# 77
82) Chrysene	13.84	228	7792	0.16	ng	# 67
83) Bis(2-ethylhexyl)phthalate	13.86	149	7350	0.14	ng	# 97
84) Di-n-octyl phthalate	14.53	149	904	0.01	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.65	276	208	0.00	ng	# 1
87) Benzo(b)fluoranthene	14.93	252	7117	0.11	ng	# 75
88) Benzo(k)fluoranthene	14.93	252	7117	0.12	ng	# 75
89) Benzo(a)pyrene	15.25	252	4010	0.06	ng	# 68
90) Dibenzo(a,h)anthracene	16.61	278	1501	0.02	ng	# 1
91) Benzo(g,h,i)perylene	16.96	276	2728	0.04	ng	# 69

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

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A-1-2(5-15)

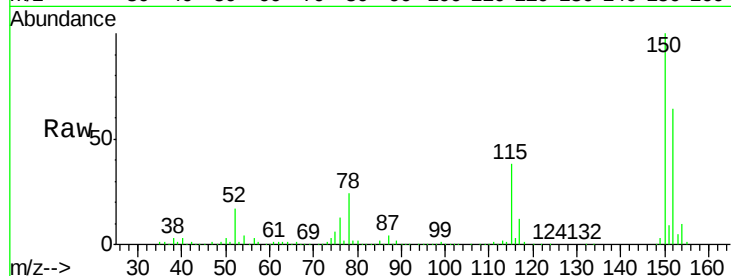
Tgt Ion: 152 Resp: 551287

Ion Ratio Lower Upper

152 100

150 155.7 125.3 187.9

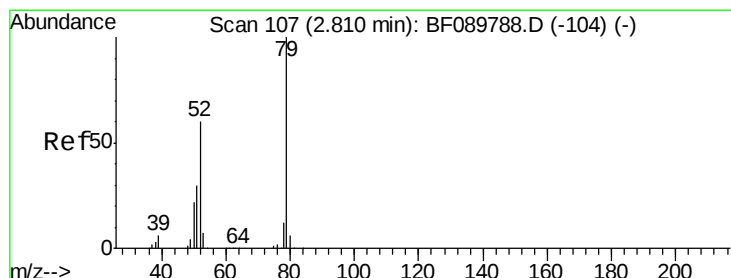
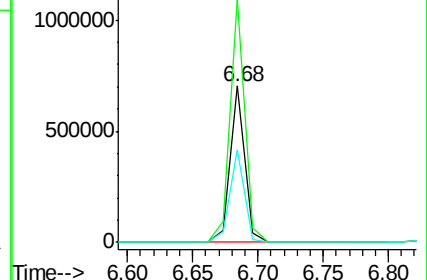
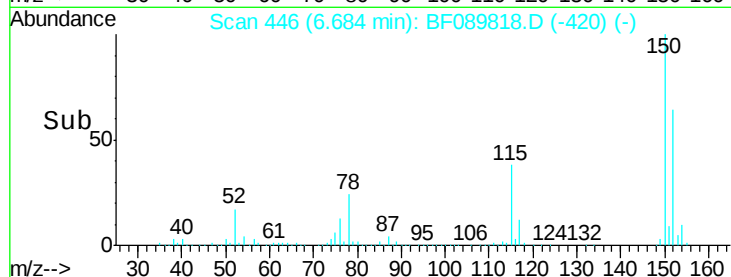
115 59.2 40.9 61.3



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



#3

Pyridine

Concen: 0.01 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.05 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

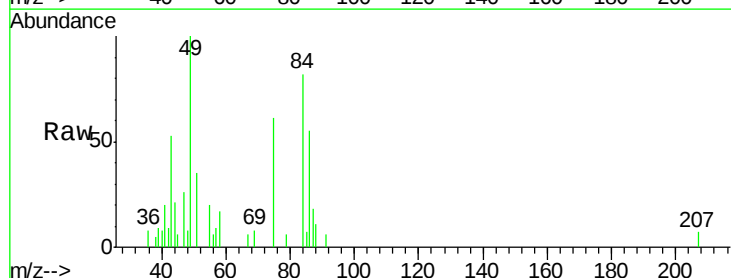
Tgt Ion: 79 Resp: 228

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

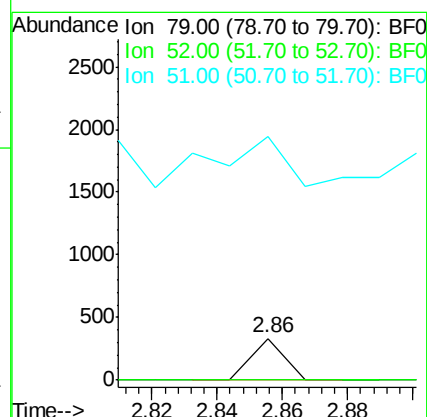
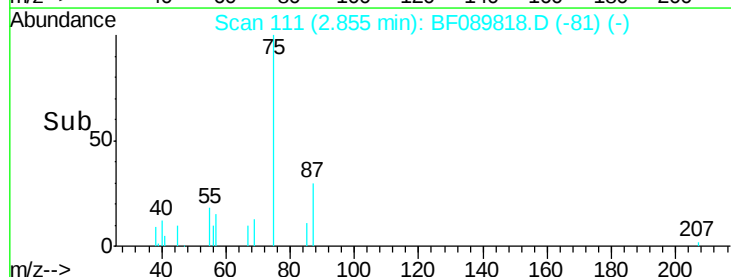
51 583.5 26.6 39.8#

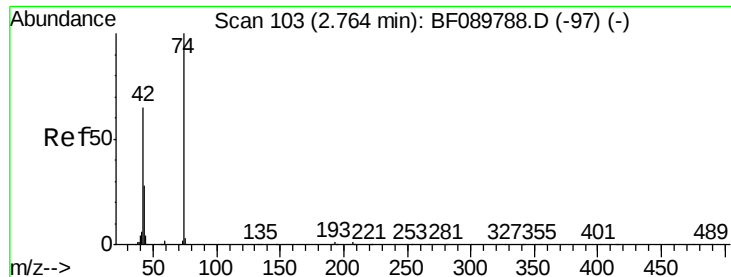


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

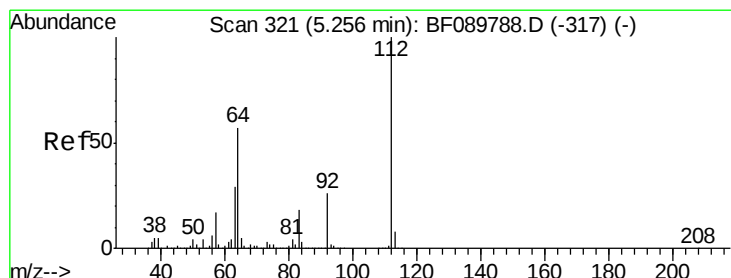
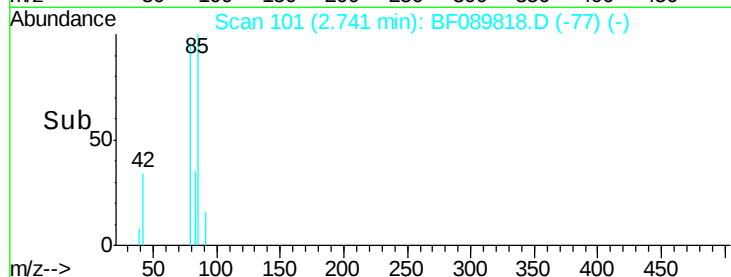
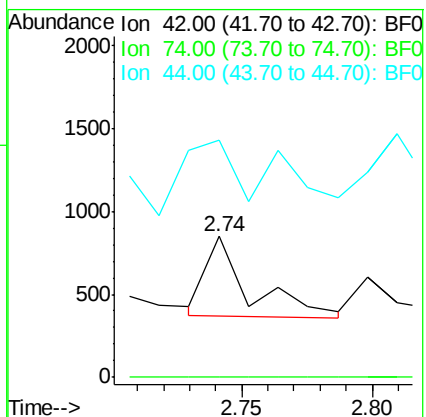
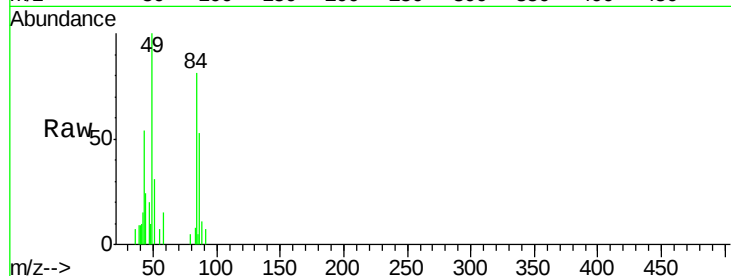
Tgt Ion: 42 Resp: 551

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

44 167.8 6.9 10.3#



#5

2-Fluorophenol

Concen: 133.49 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

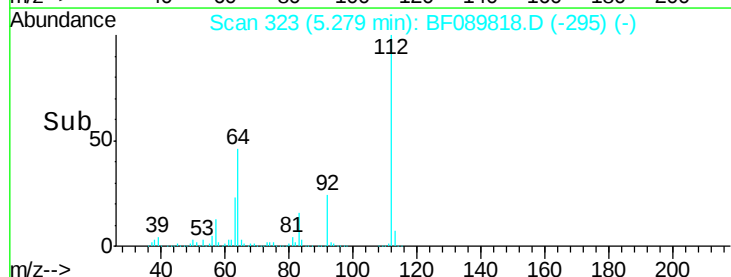
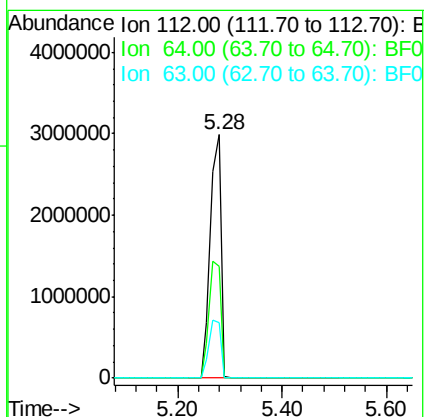
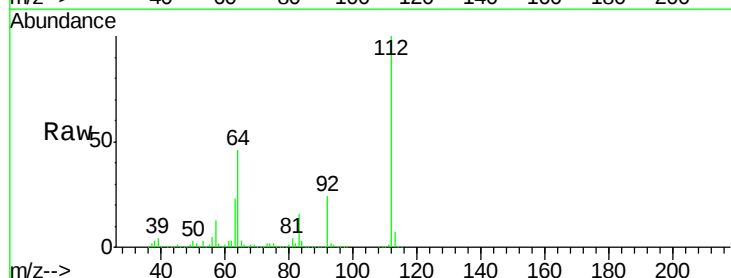
Tgt Ion: 112 Resp: 4291168

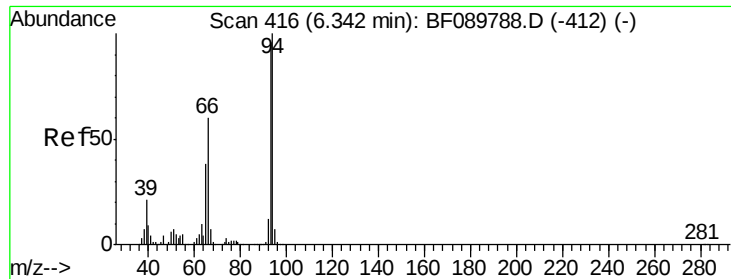
Ion Ratio Lower Upper

112 100

64 45.9 45.0 67.4

63 23.0 23.1 34.7#





#6

Aniline

Concen: 0.03 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

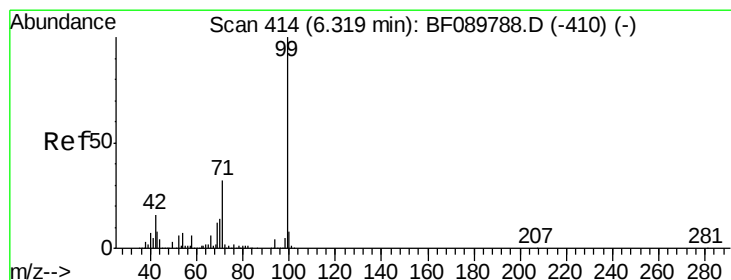
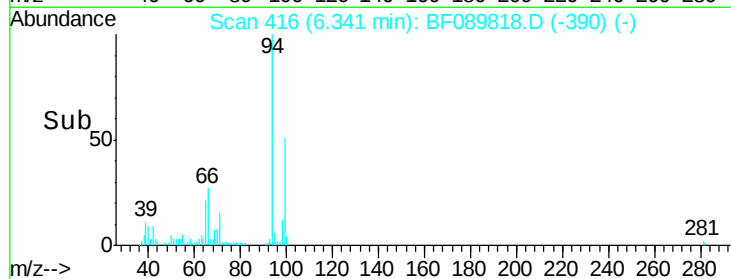
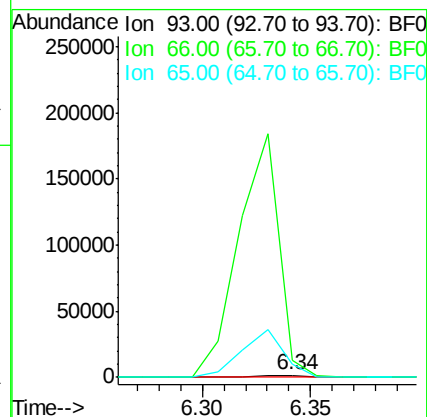
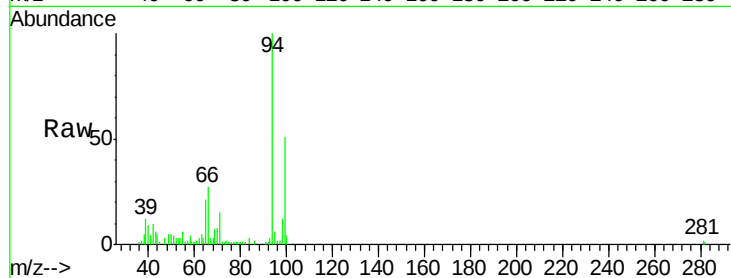
Tgt Ion: 93 Resp: 1833

Ion Ratio Lower Upper

93 100

66 919.4 30.6 46.0#

65 713.5 15.4 23.2#



#7

Phenol-d6

Concen: 129.80 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

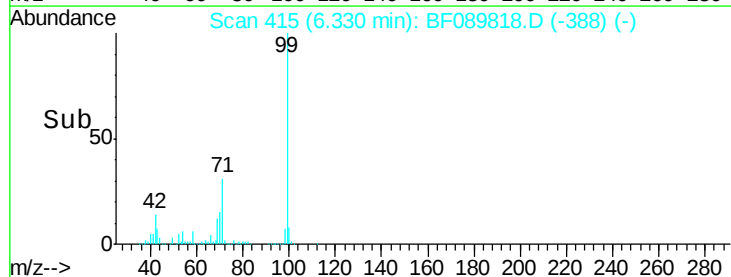
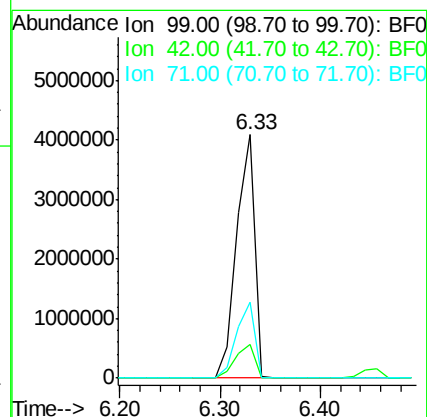
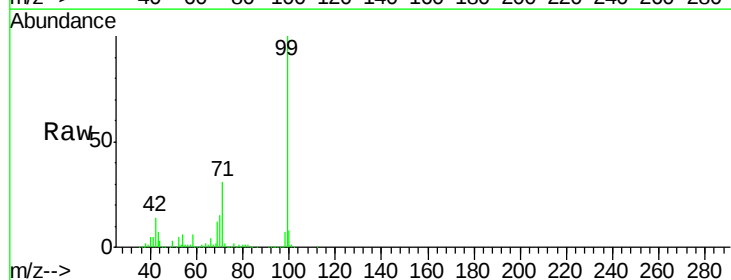
Tgt Ion: 99 Resp: 5122327

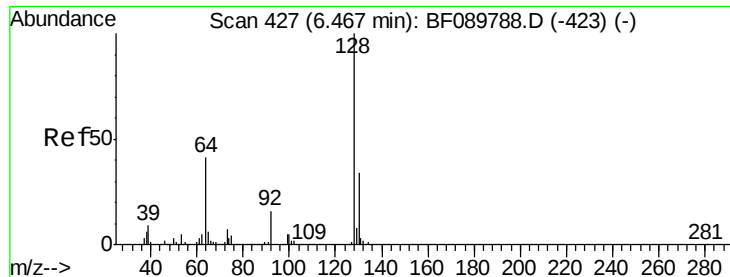
Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.4

71 31.1 23.8 35.8





#8

2-Chlorophenol

Concen: 0.08 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

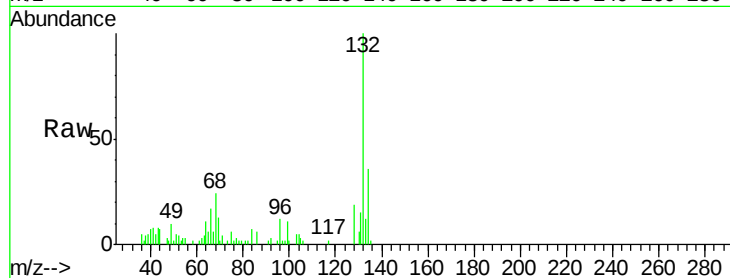
Tgt Ion:128 Resp: 3003

Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 59.8 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

150000

100000

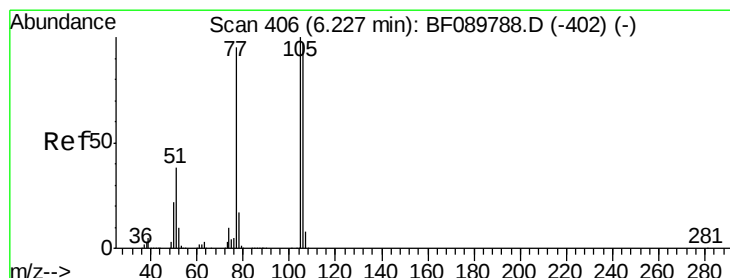
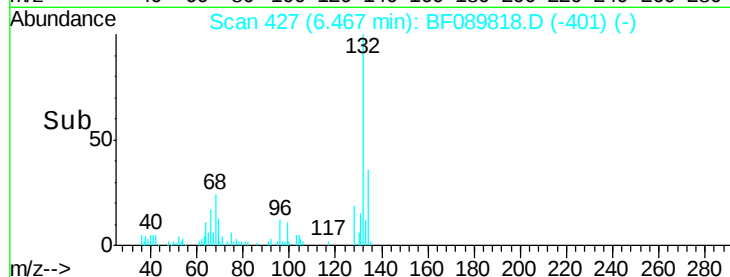
50000

0

6.47

6.40 6.45 6.50

Time-->



#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.23 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

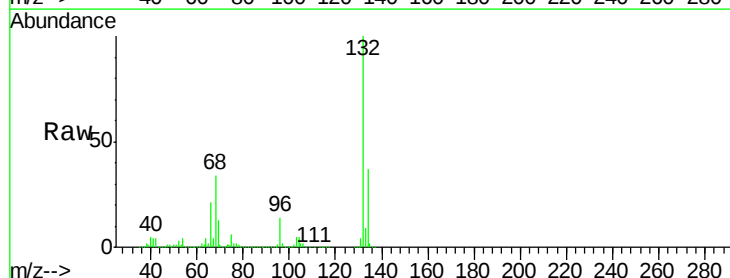
Tgt Ion: 77 Resp: 91649

Ion Ratio Lower Upper

77 100

105 89.0 73.3 113.3

106 78.1 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

100000

80000

60000

40000

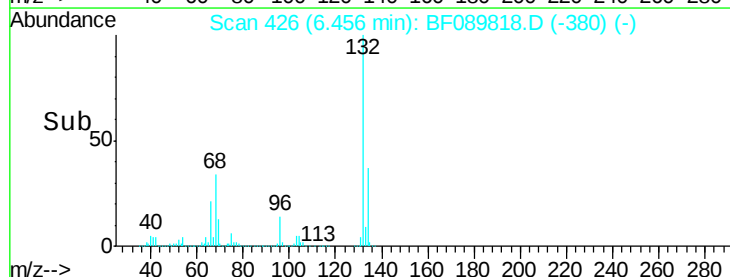
20000

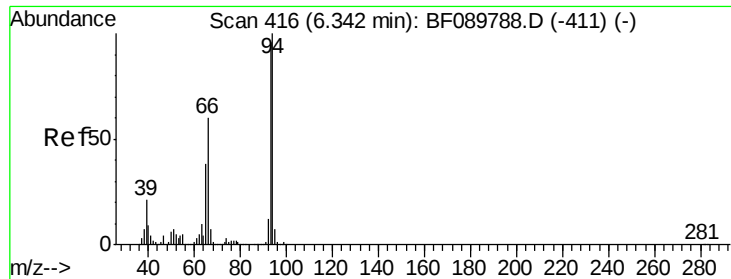
0

6.46

6.40 6.45 6.50

Time-->





#10

Phenol

Concen: 0.97 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

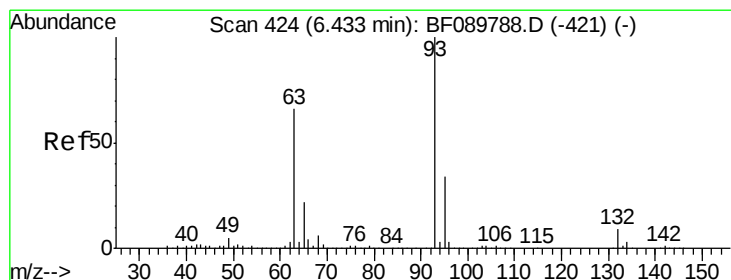
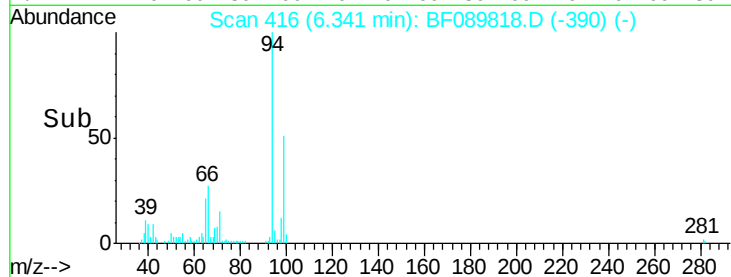
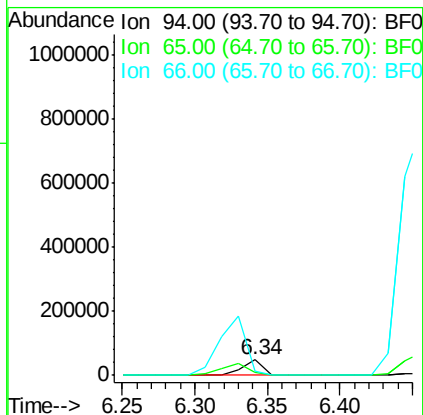
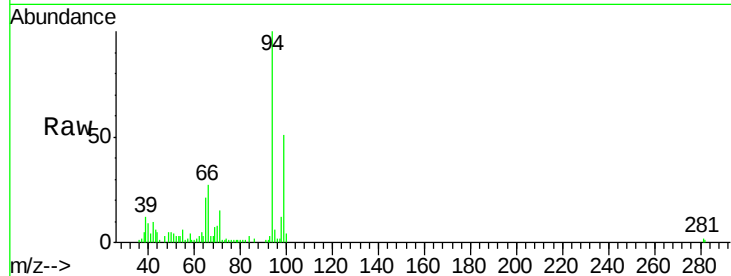
Tgt Ion: 94 Resp: 44803

Ion Ratio Lower Upper

94 100

65 20.8 14.0 54.0

66 26.8 31.2 71.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

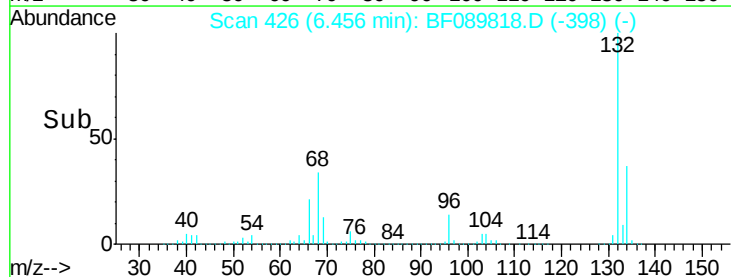
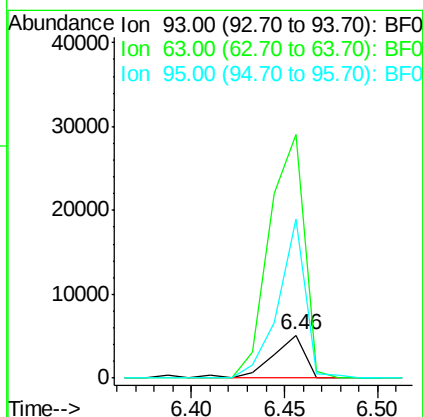
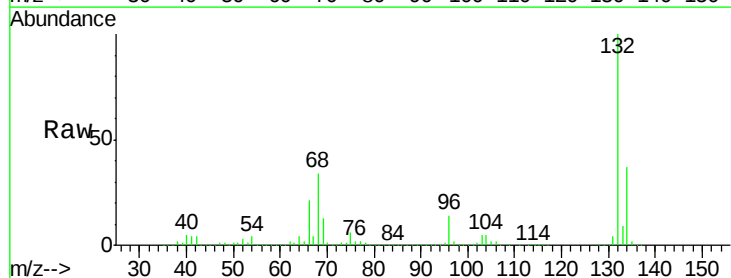
Tgt Ion: 93 Resp: 6191

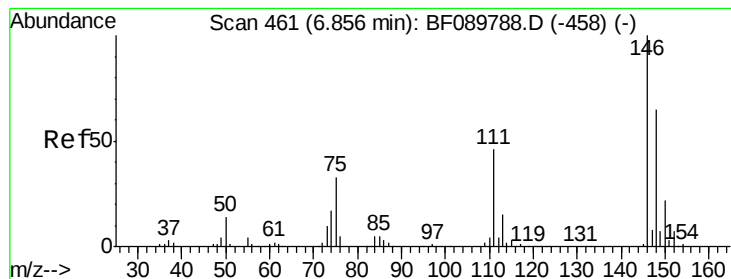
Ion Ratio Lower Upper

93 100

63 569.6 55.8 95.8#

95 371.9 13.0 53.0#





#12

1,3-Dichlorobenzene

Concen: 0.01 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

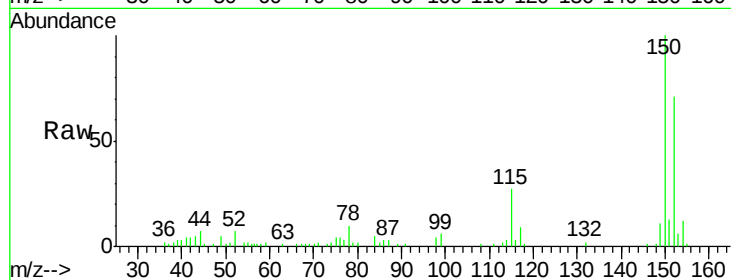
Tgt Ion:146 Resp: 564

Ion Ratio Lower Upper

146 100

148 80.2 51.0 76.4#

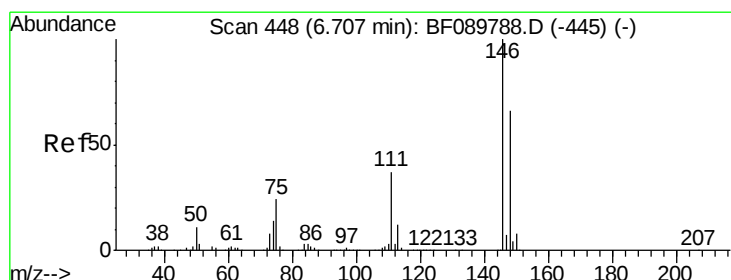
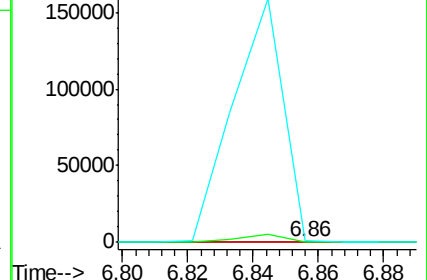
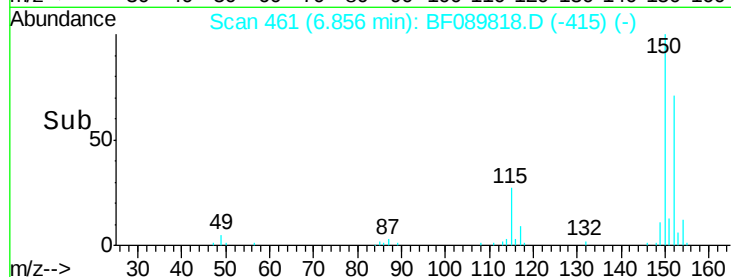
75 294.8 27.0 40.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.01 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

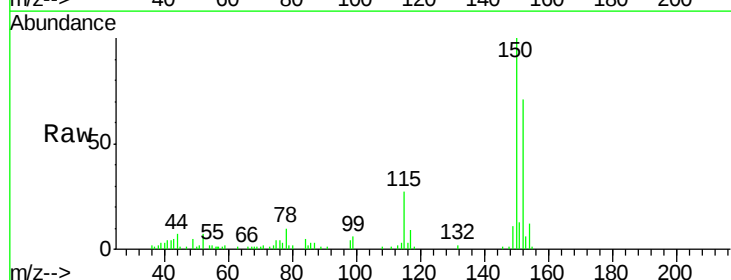
Tgt Ion:146 Resp: 564

Ion Ratio Lower Upper

146 100

148 80.2 51.0 76.6#

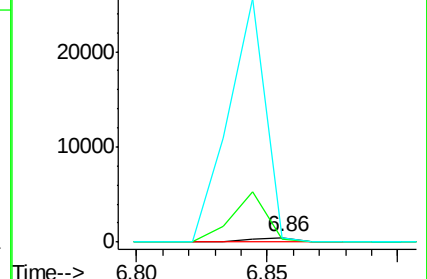
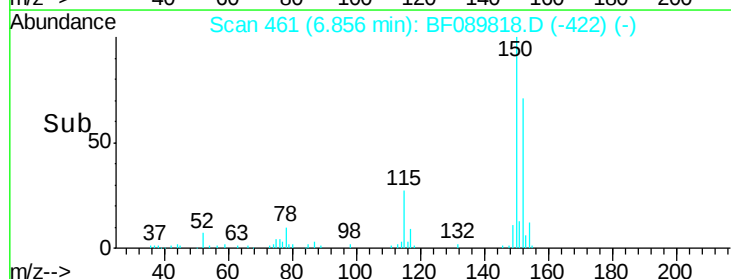
111 101.8 34.6 52.0#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.01 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

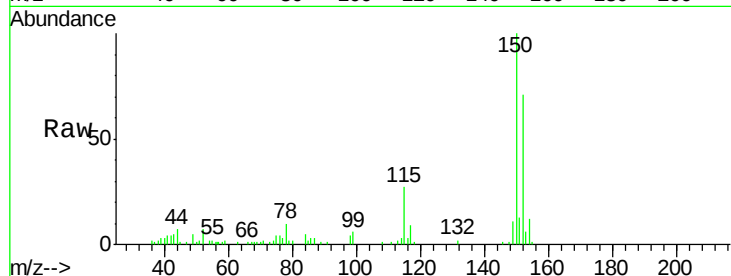
Tgt Ion:146 Resp: 564

Ion Ratio Lower Upper

146 100

148 80.2 52.2 78.2#

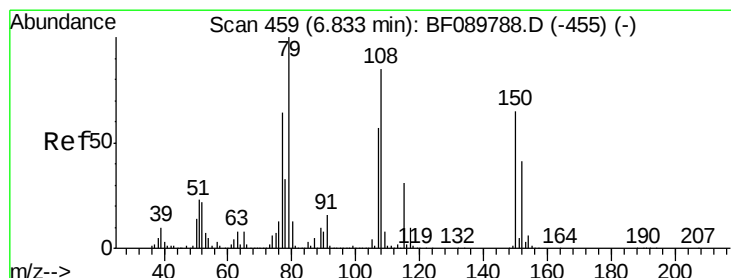
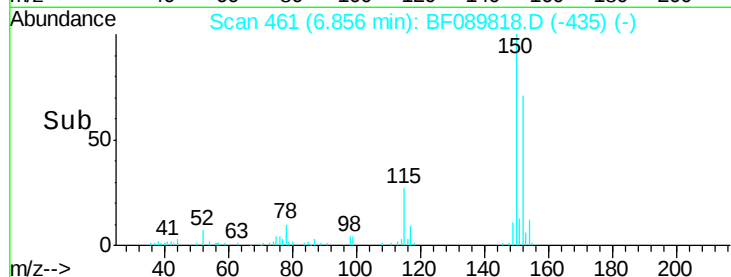
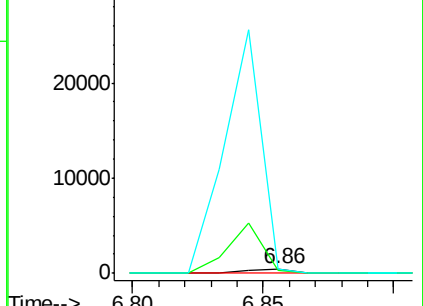
111 101.8 29.8 44.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.93 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

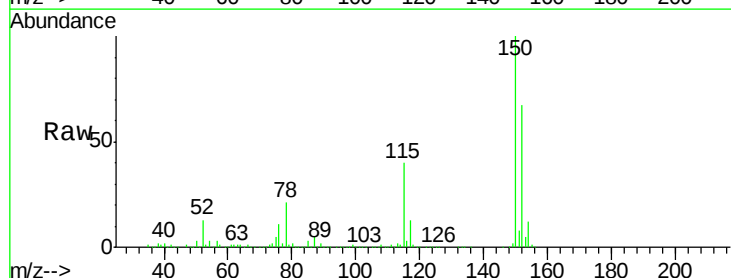
Tgt Ion: 79 Resp: 50633

Ion Ratio Lower Upper

79 100

108 35.4 62.5 93.7#

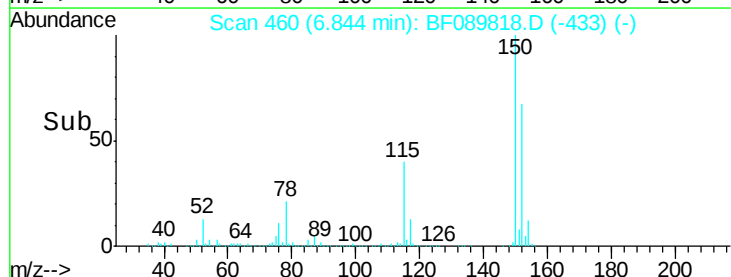
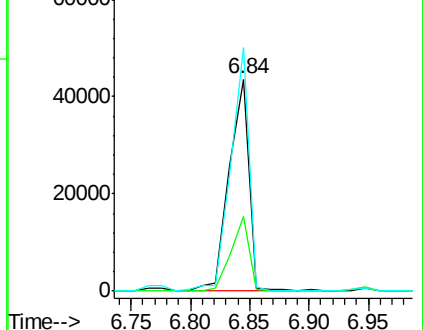
77 114.8 51.5 77.3#

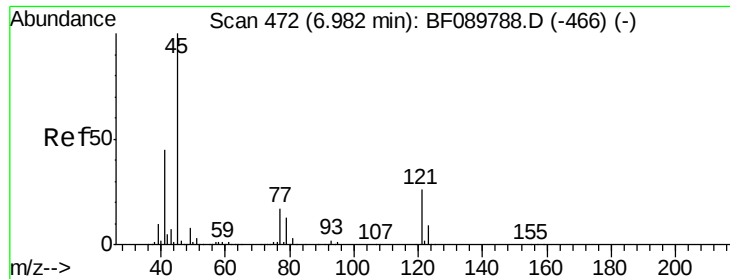


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

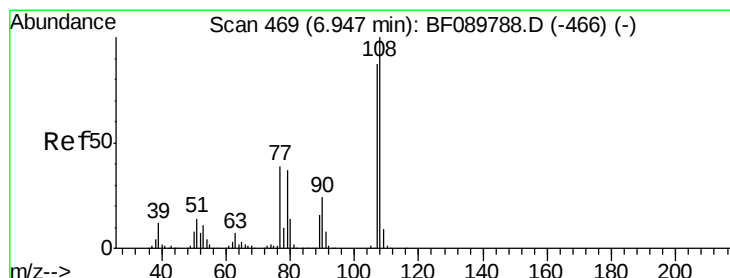
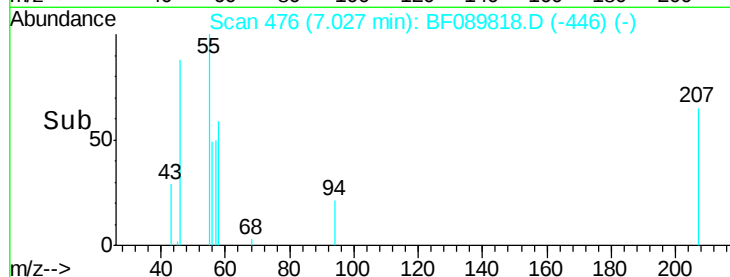
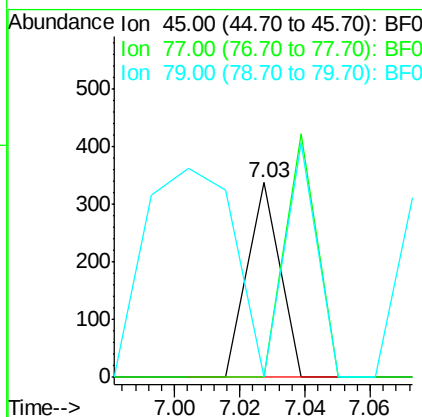
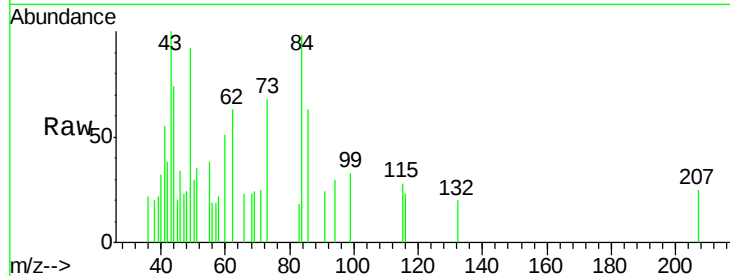




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.05 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

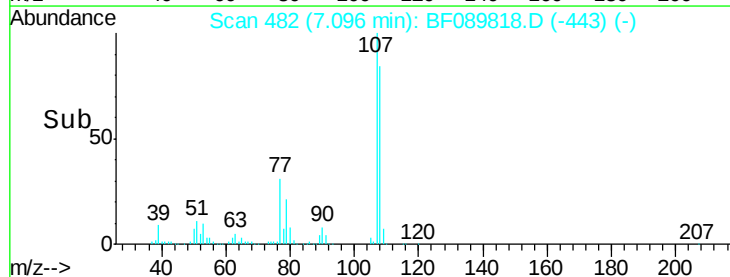
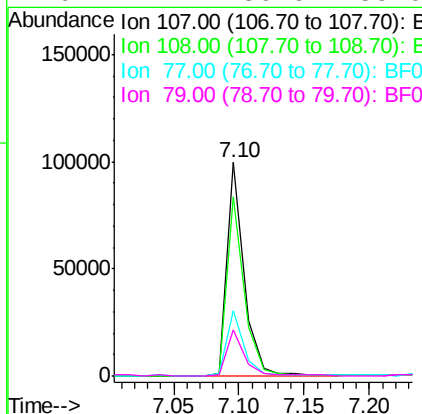
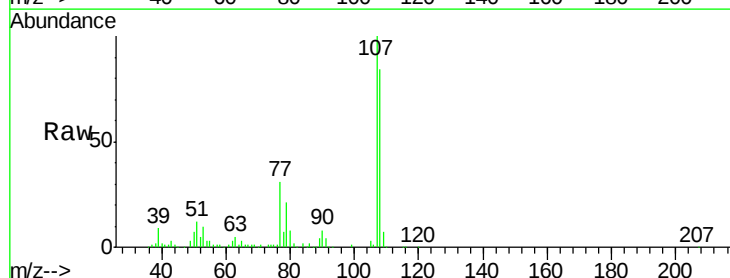
Instrument :
BNA_F
ClientSampled :
A-1-2(5-15)

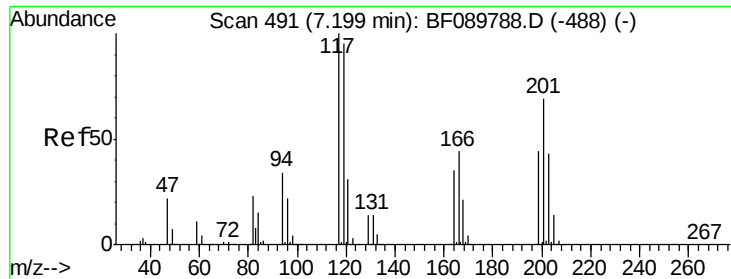
Tgt Ion: 45 Resp: 232
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.5
79 0.0 0.0 30.7



#17
2-Methylphenol
Concen: 3.08 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.15 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 107 Resp: 92605
Ion Ratio Lower Upper
107 100
108 83.9 91.0 136.4#
77 30.9 37.4 56.0#
79 21.4 36.6 55.0#





#18

Hexachloroethane

Concen: 0.05 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.08 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

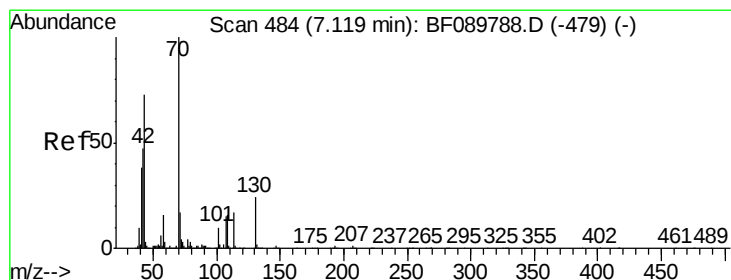
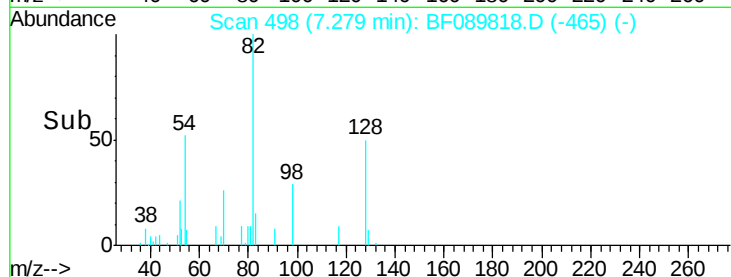
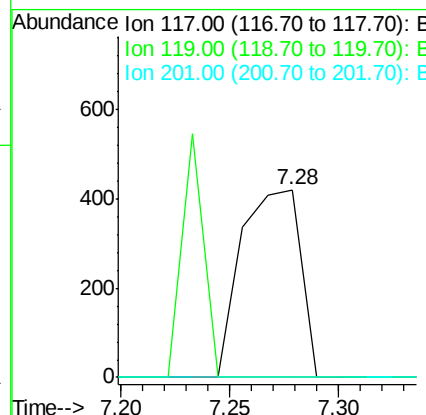
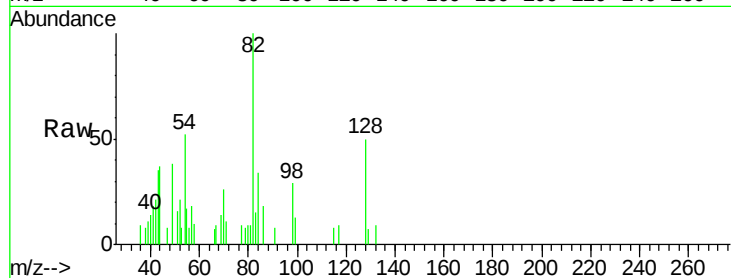
BNA_F

ClientSampleId :

A-1-2(5-15)

Tgt Ion: 117 Resp: 800

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.1	115.7#
201	0.0	76.9	115.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.24 ng

RT: 7.26 min Scan# 496

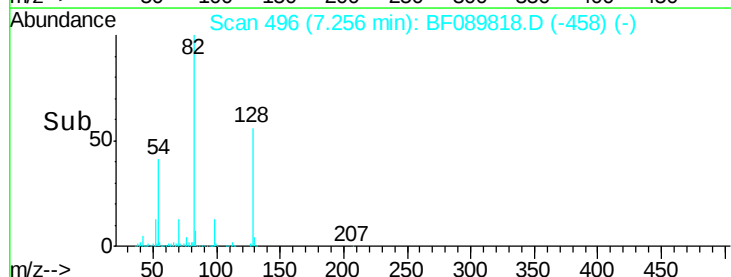
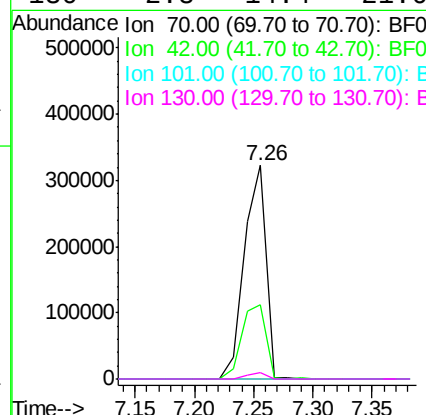
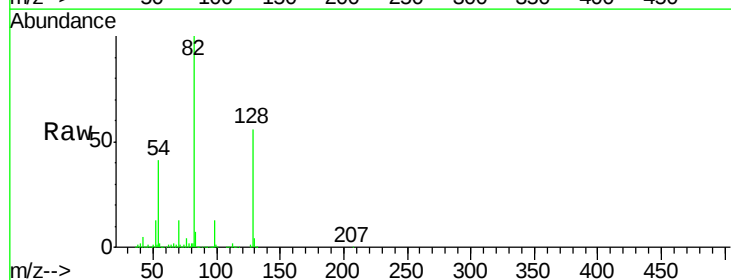
Delta R.T. 0.14 min

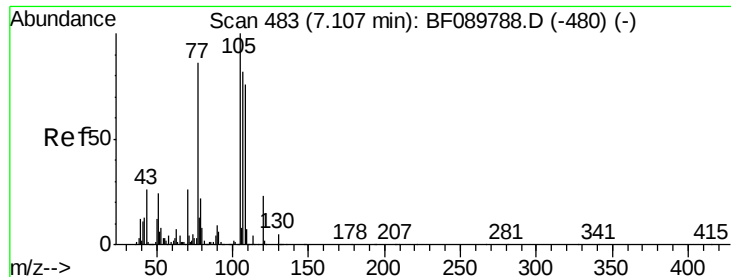
Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Tgt Ion: 70 Resp: 409889

Ion	Ratio	Lower	Upper
70	100		
42	34.7	46.3	69.5#
101	0.0	7.0	10.6#
130	2.8	14.4	21.6#





#20

3+4-Methylphenols

Concen: 2.51 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

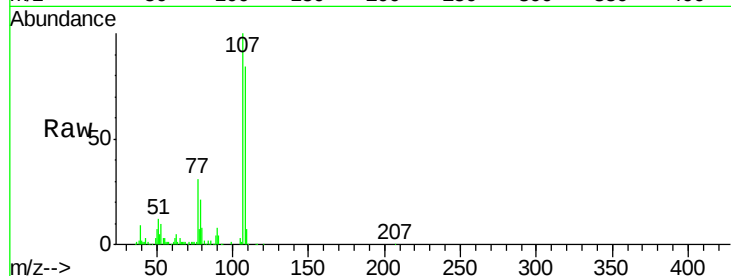
Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

Tgt Ion:	107	Resp:	92605
Ion Ratio	Lower	Upper	
107	100		
108	83.9	68.2	108.2
77	30.9	122.3	162.3#
79	21.4	8.2	48.2



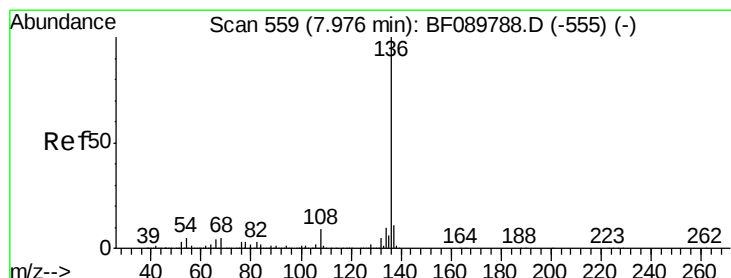
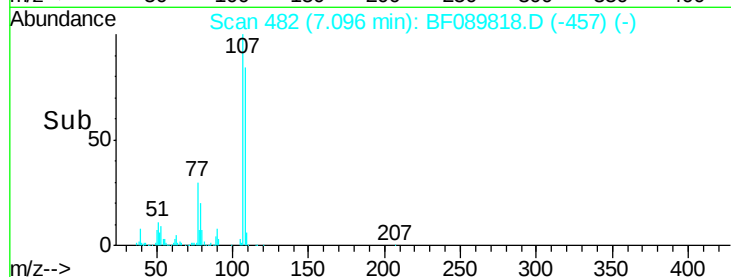
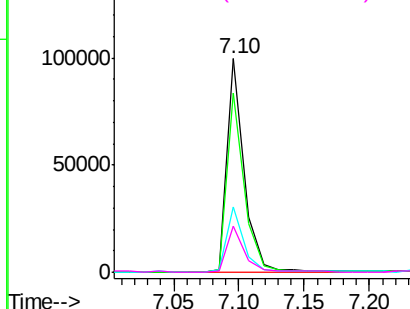
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

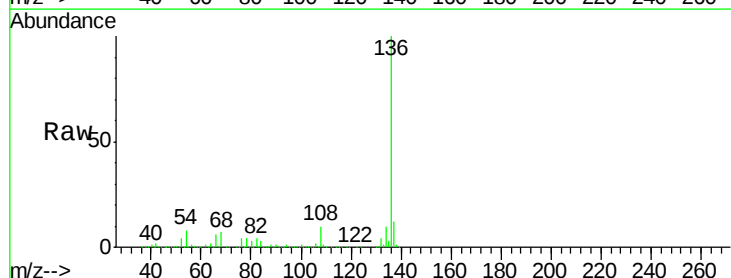
RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Tgt Ion:	136	Resp:	1872390
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.2	13.8
54	8.4	7.2	10.8
68	7.5	5.8	8.8



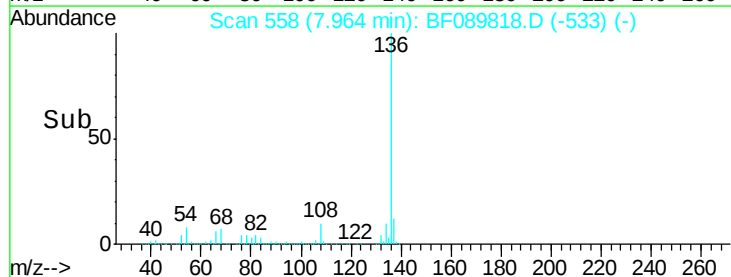
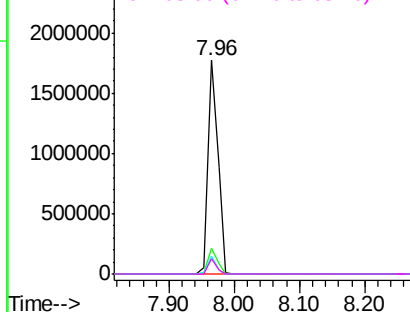
Abundance

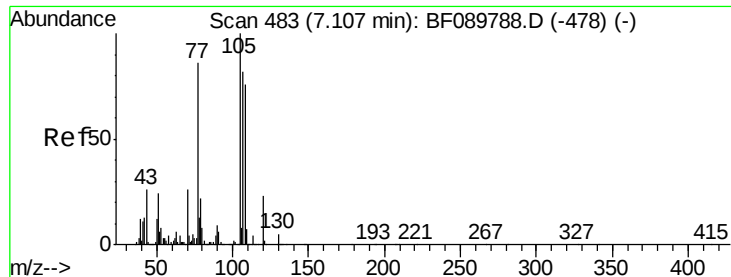
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 0.07 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

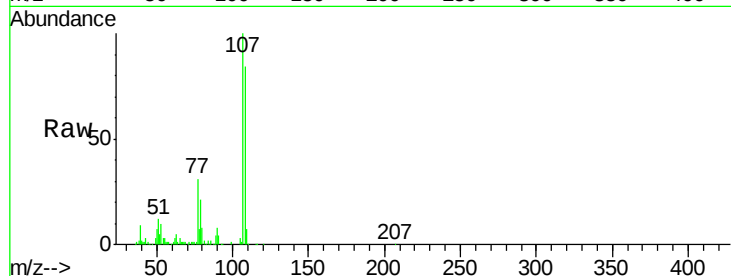
Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

Tgt Ion:	105	Resp:	3118
Ion Ratio	Lower	Upper	
105	100		
71	17.2	1.9	2.9#
51	401.9	28.5	42.7#
120	15.3	16.6	25.0#

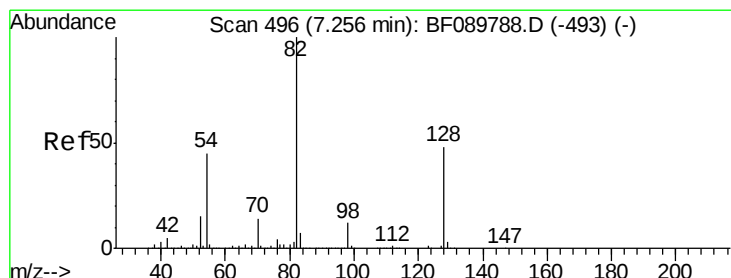
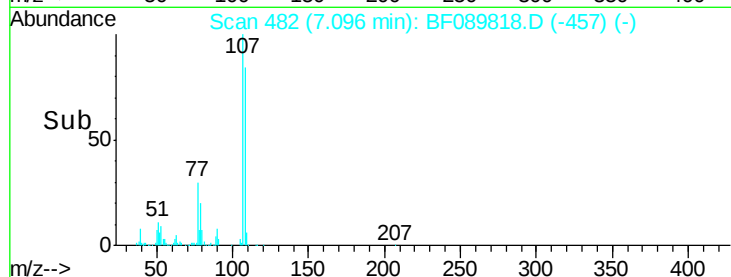
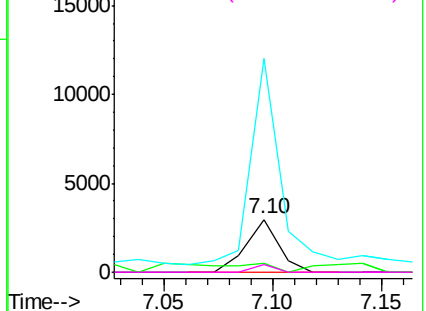


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 101.49 ng

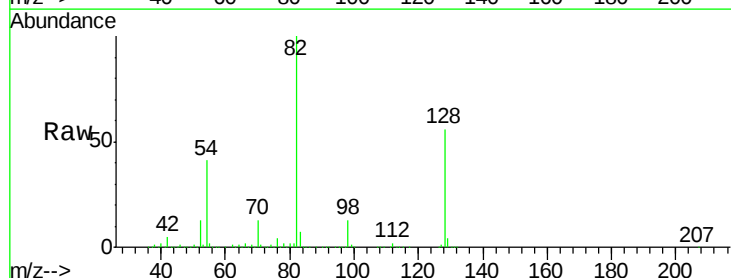
RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

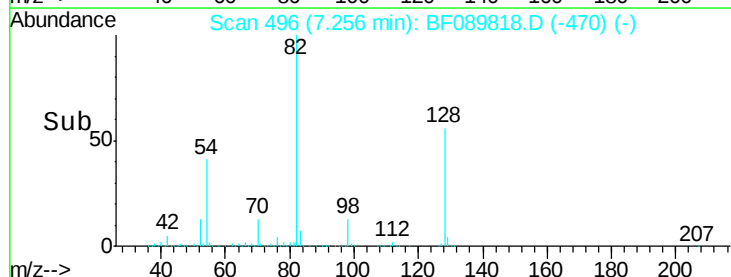
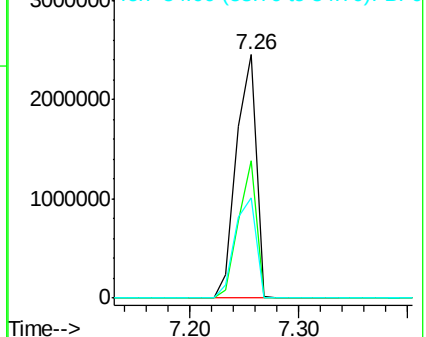
Tgt Ion:	82	Resp:	3058724
Ion Ratio	Lower	Upper	
82	100		
128	56.2	34.4	51.6#
54	41.1	40.3	60.5

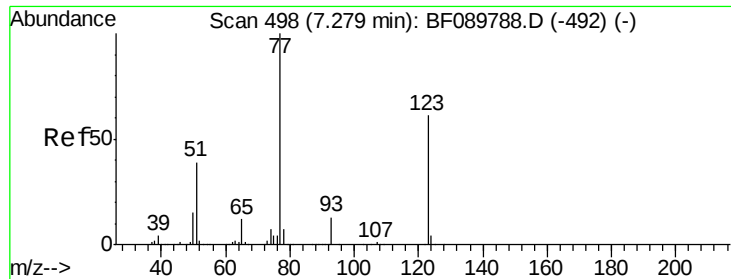


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

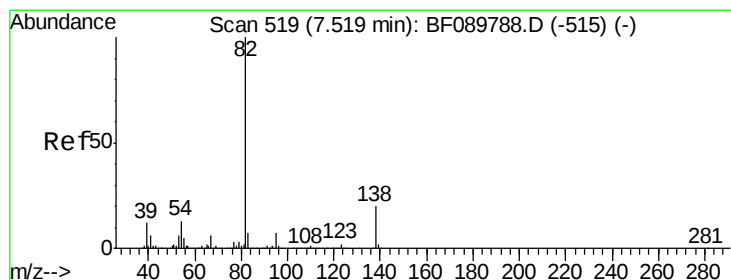
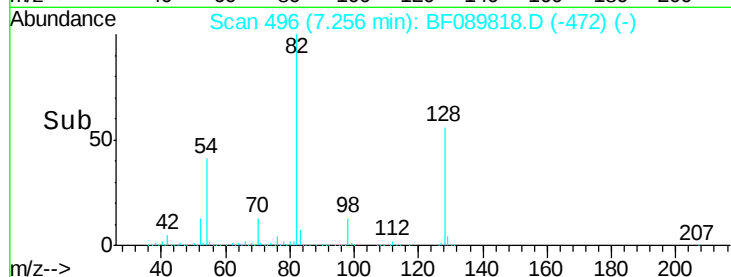
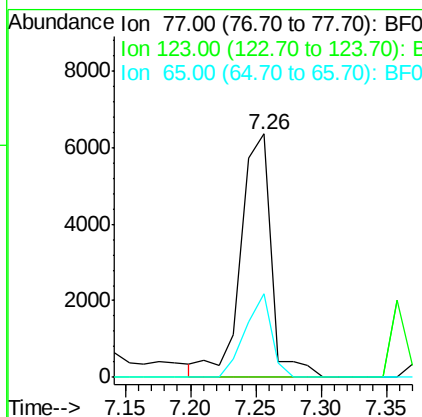
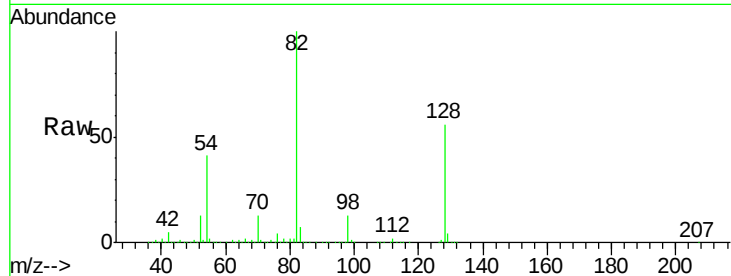




#24
 Nitrobenzene
 Concen: 0.31 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

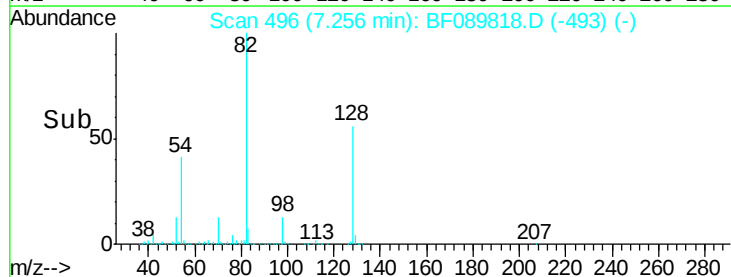
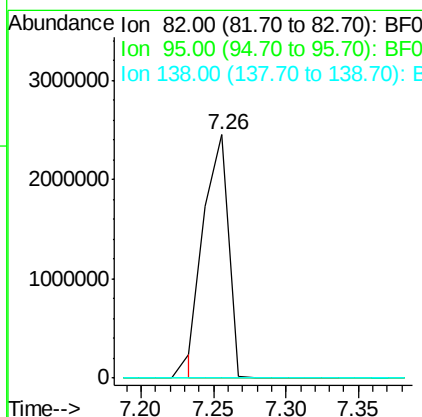
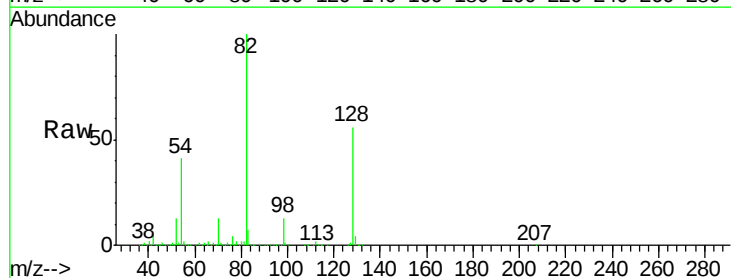
Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

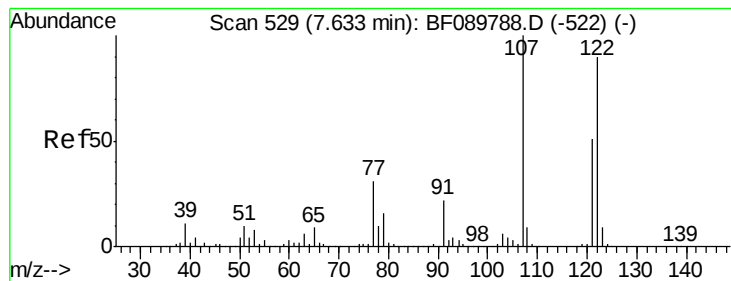
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	34.5	10.6	15.8#



#25
 Isophorone
 Concen: 47.43 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.26 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#





#27

2,4-Dimethylphenol

Concen: 0.03 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

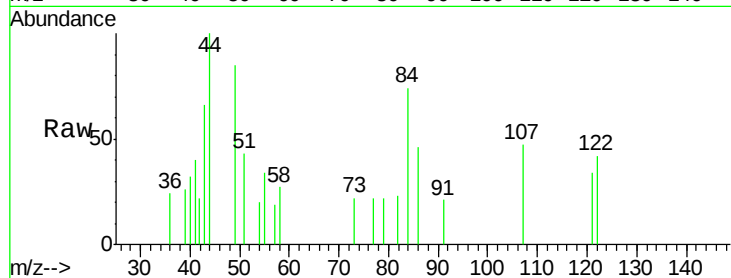
Tgt Ion:122 Resp: 854

Ion Ratio Lower Upper

122 100

107 110.9 84.8 127.2

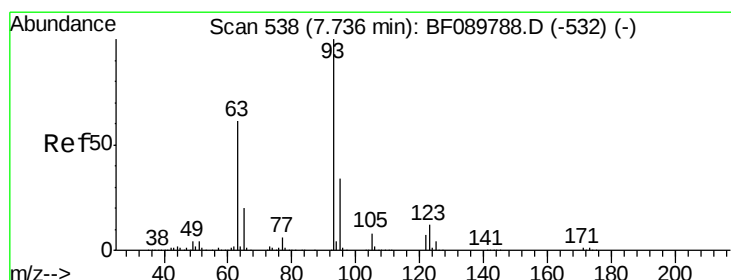
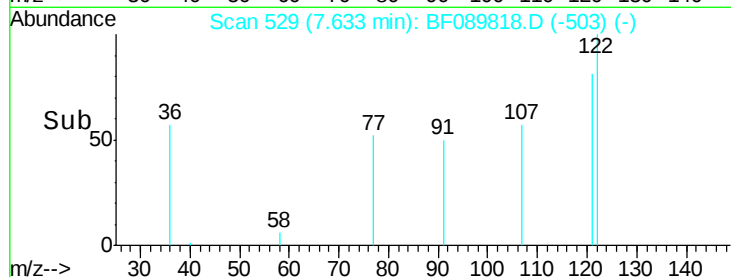
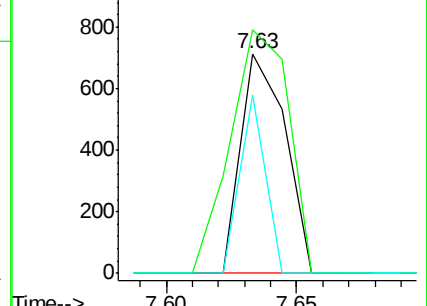
121 81.3 47.0 70.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.02 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

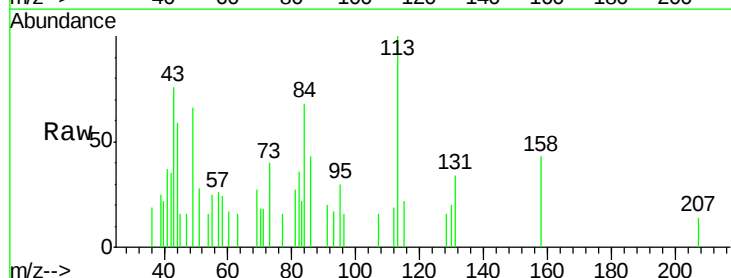
Tgt Ion: 93 Resp: 699

Ion Ratio Lower Upper

93 100

95 180.1 25.5 38.3#

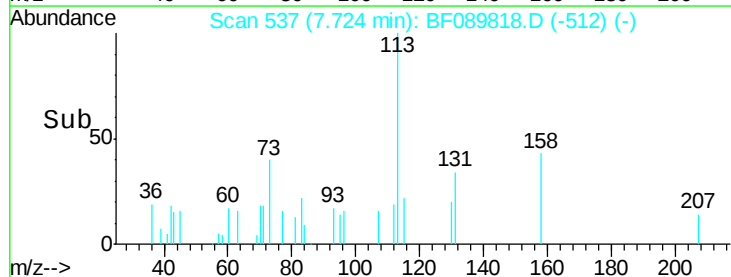
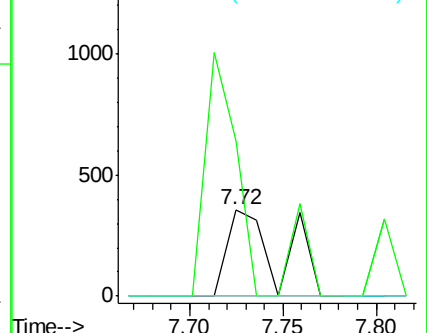
123 0.0 8.5 12.7#

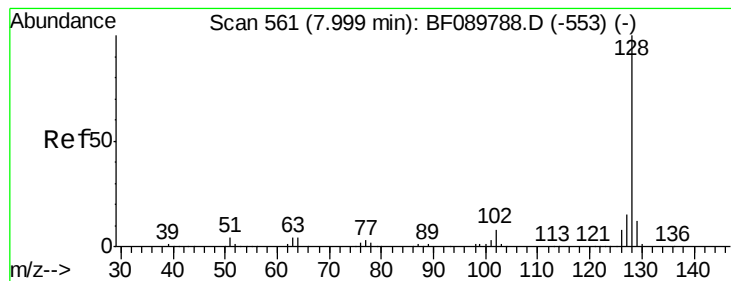


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 0.11 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

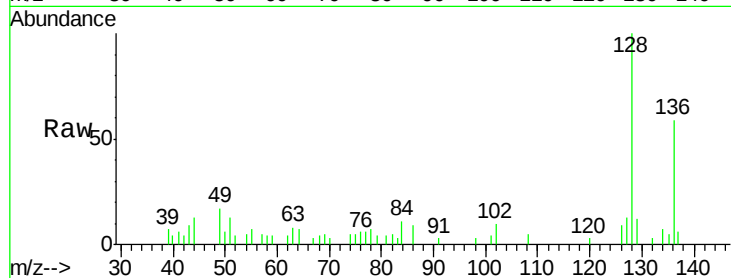
Tgt Ion:128 Resp: 9421

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

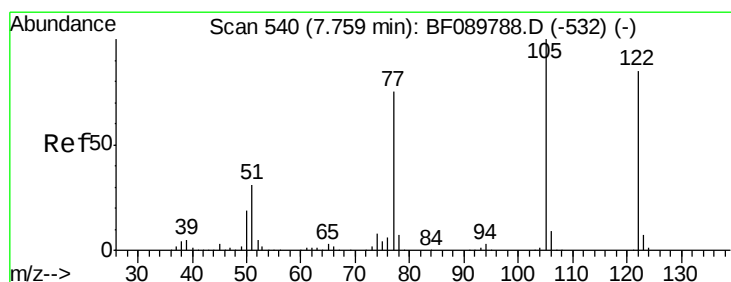
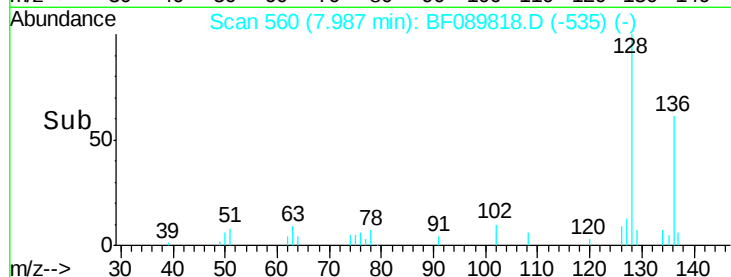
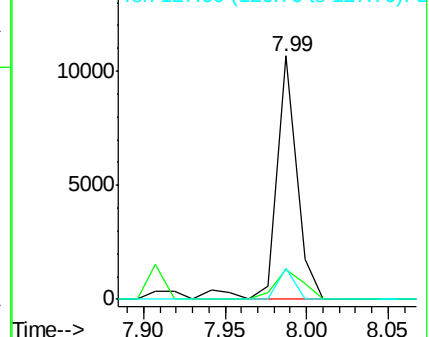
127 12.7 11.3 16.9



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



#32

Benzoic acid

Concen: 0.11 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

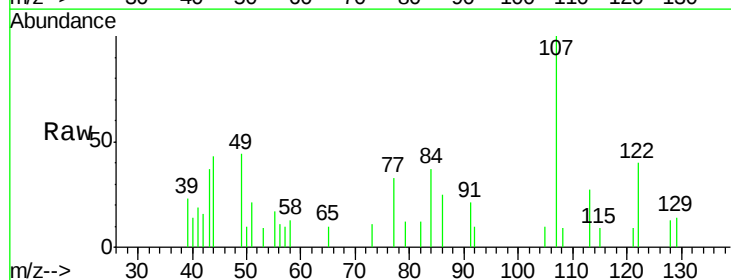
Tgt Ion:122 Resp: 2707

Ion Ratio Lower Upper

122 100

105 23.9 100.8 140.8#

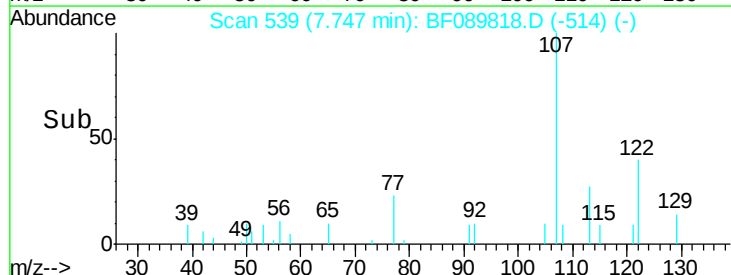
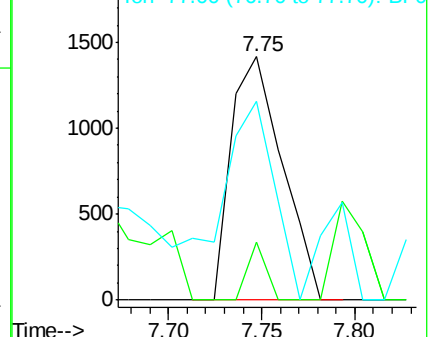
77 81.9 72.1 112.1

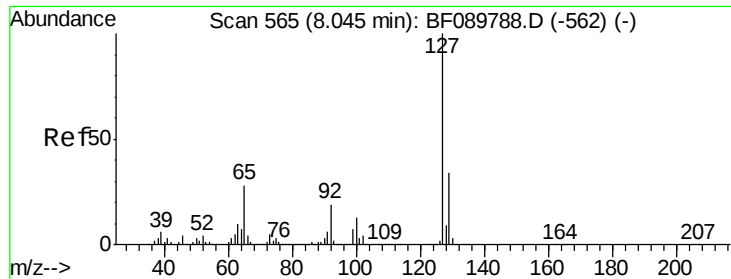


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

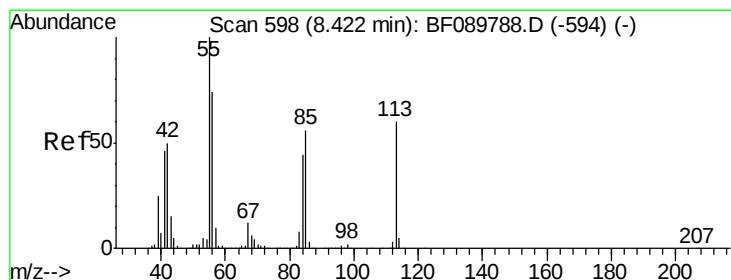
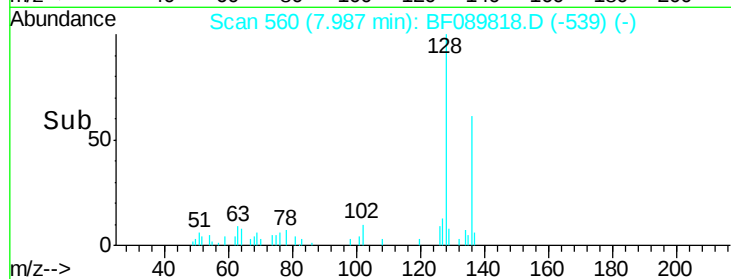
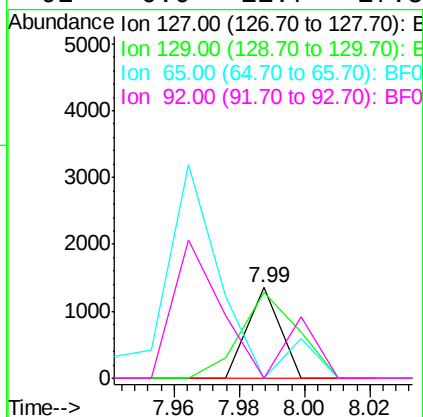
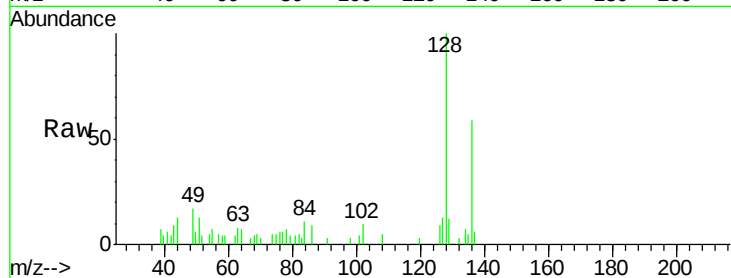




#33
 4-Chloroaniline
 Concen: 0.02 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.06 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

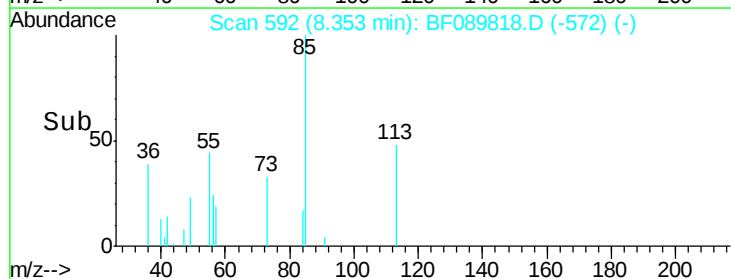
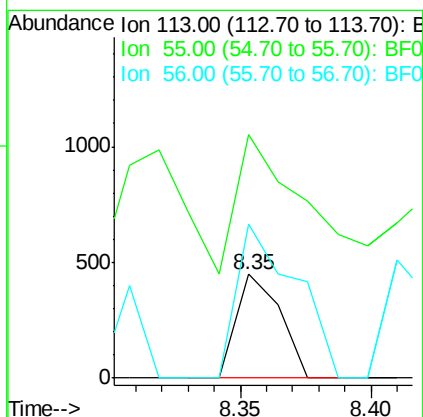
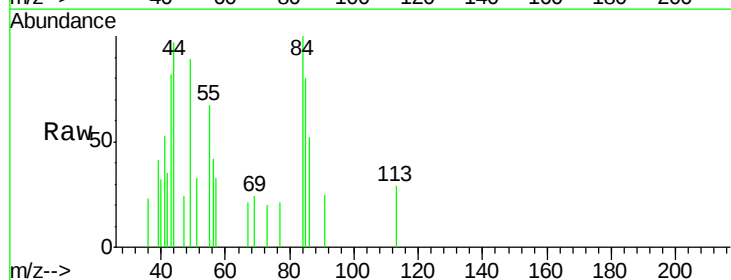
Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

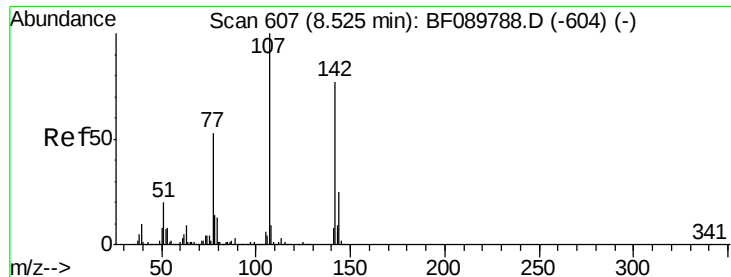
Tgt Ion:	127	Resp:	928
Ion	Ratio	Lower	Upper
127	100		
129	95.1	27.0	40.6#
65	0.0	14.7	22.1#
92	0.0	11.7	17.5#



#35
 Caprolactam
 Concen: 0.07 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.07 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion:	113	Resp:	525
Ion	Ratio	Lower	Upper
113	100		
55	234.8	135.9	175.9#
56	148.9	93.9	133.9#

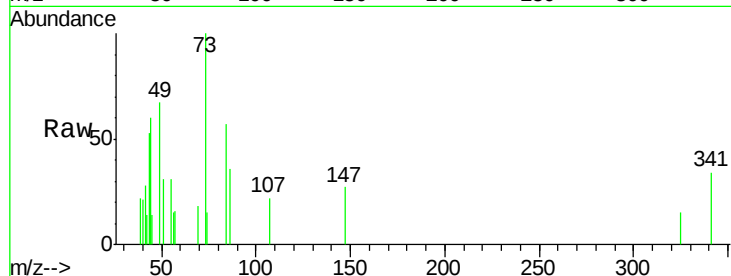




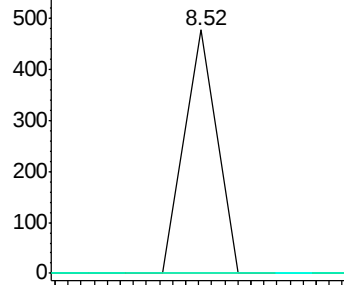
#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

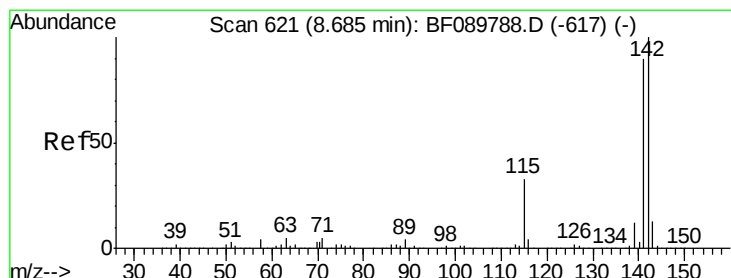
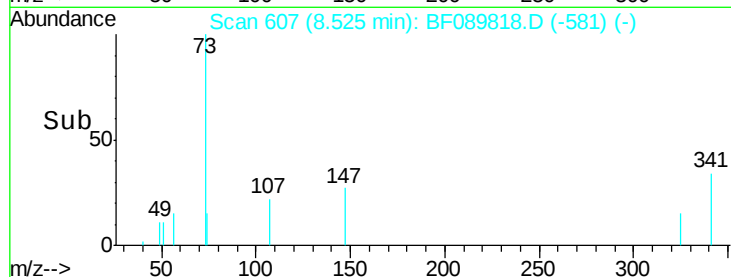
Tgt Ion:107 Resp: 327
Ion Ratio Lower Upper
107 100
144 0.0 22.6 34.0#
142 0.0 69.3 103.9#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

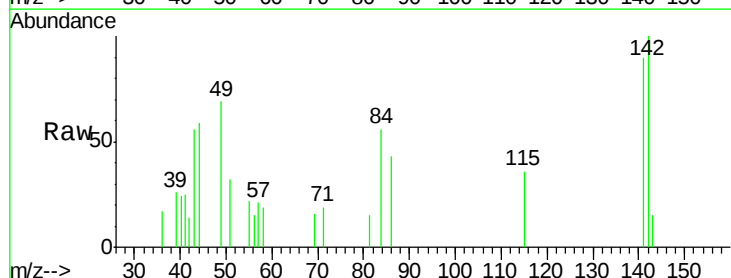


Time--> 8.48 8.50 8.52 8.54 8.56

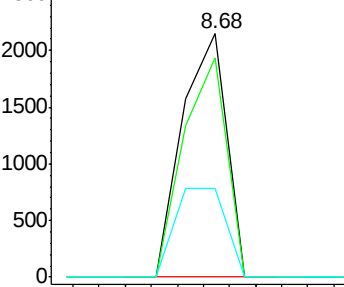


#37
2-Methylnaphthalene
Concen: 0.05 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

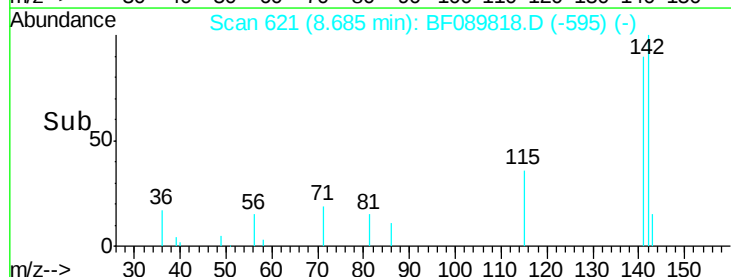
Tgt Ion:142 Resp: 2555
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 36.4 22.7 34.1#

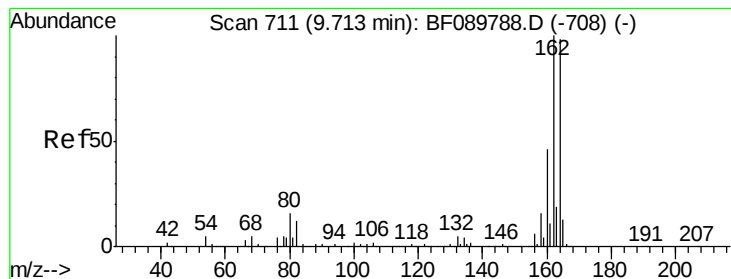


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Time--> 8.65 8.67 8.69 8.71





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

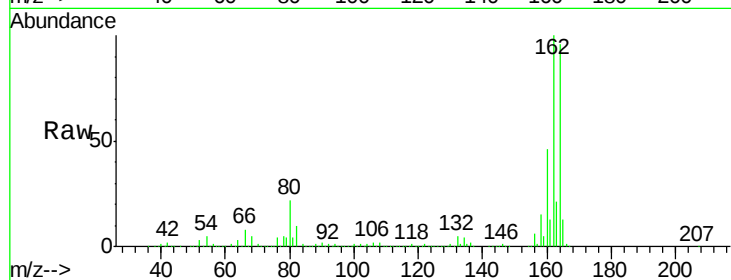
Tgt Ion:164 Resp: 838022

Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.2

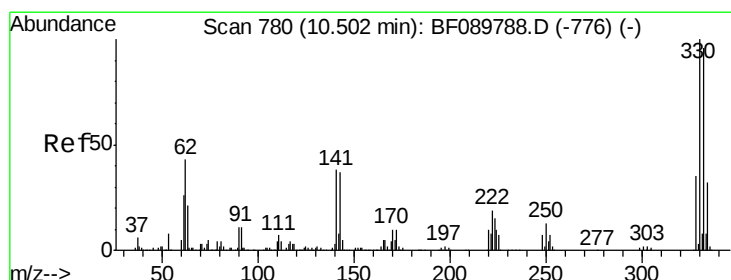
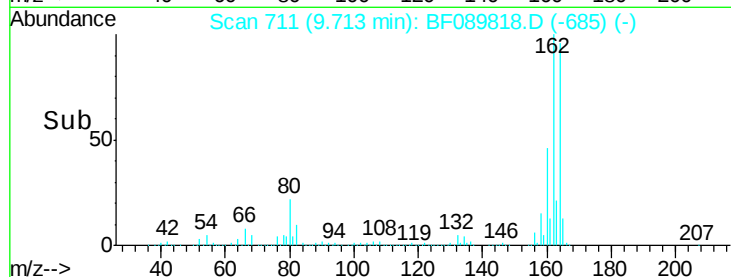
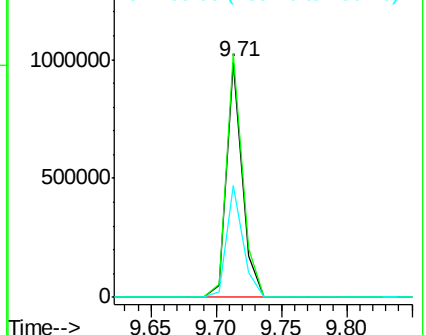
160 47.4 37.8 56.6



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: 108.32 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

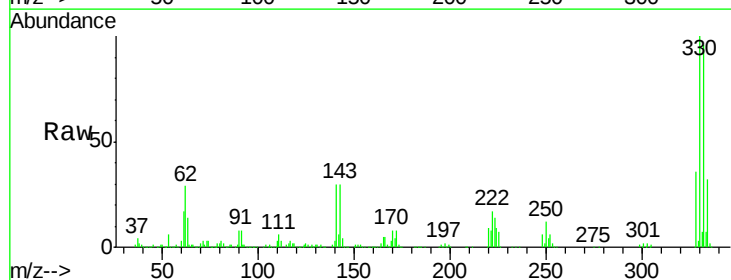
Tgt Ion:330 Resp: 862709

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

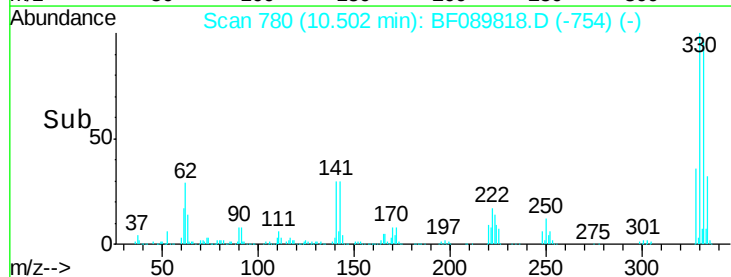
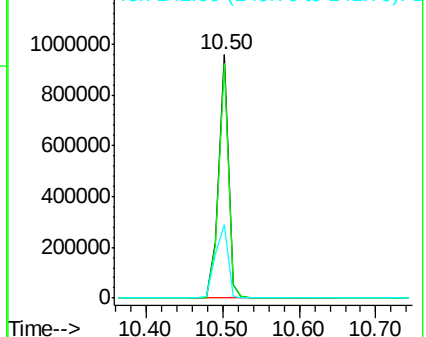
141 38.6 30.2 45.2

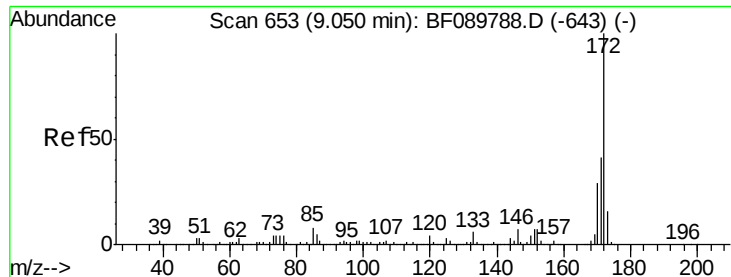


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

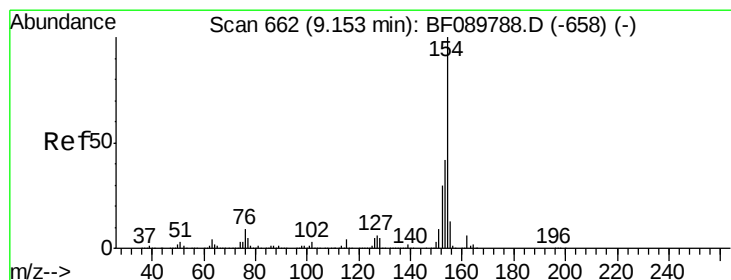
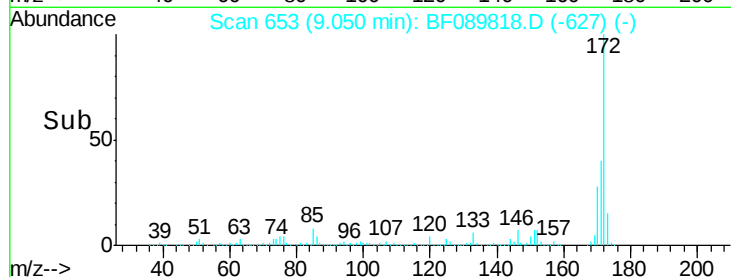
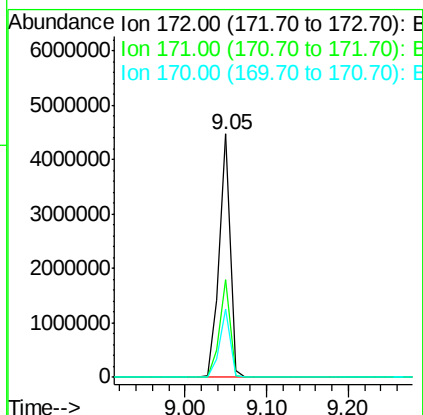
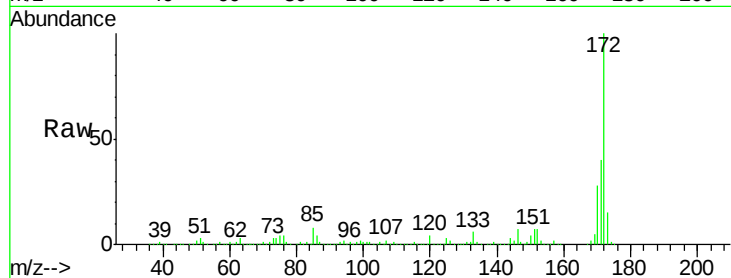




#44
 2-Fluorobiphenyl
 Concen: 87.42 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

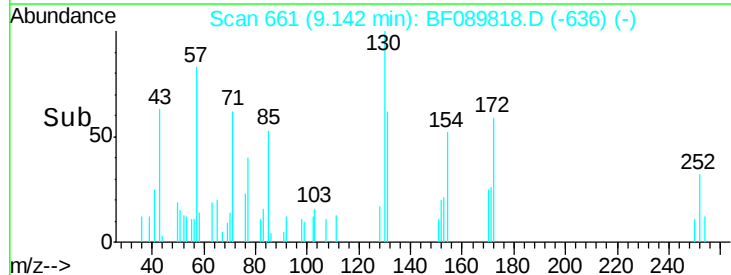
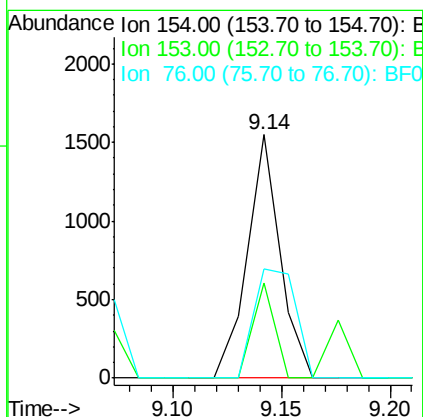
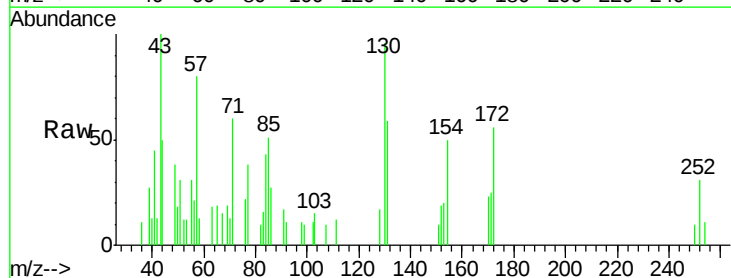
Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

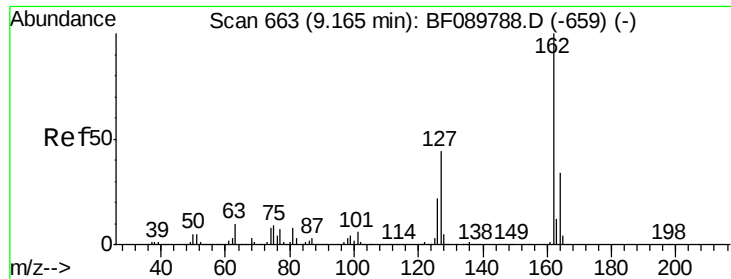
Tgt Ion:172 Resp: 4168469
 Ion Ratio Lower Upper
 172 100
 171 40.0 30.5 45.7
 170 28.0 20.6 31.0



#45
 1,1'-Biphenyl
 Concen: 0.02 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion:154 Resp: 1619
 Ion Ratio Lower Upper
 154 100
 153 39.3 21.5 61.5
 76 44.7 0.0 36.7#

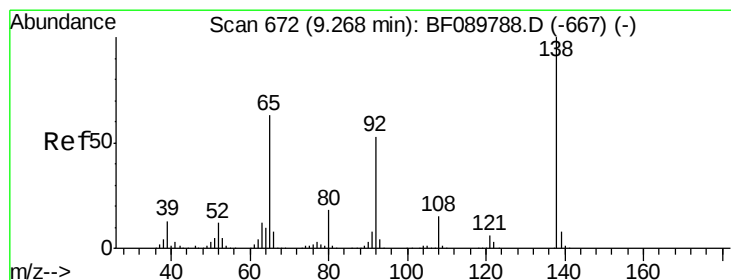
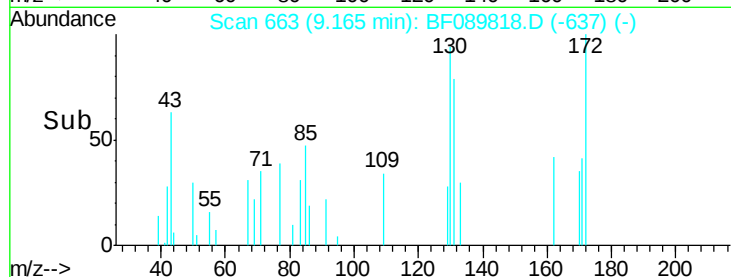
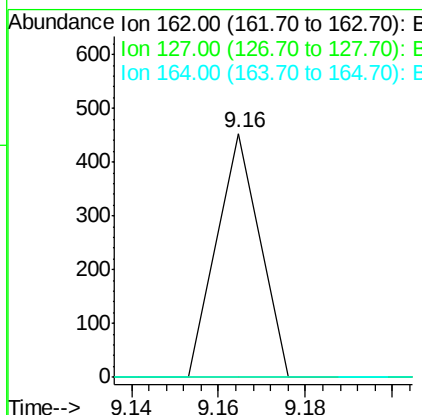
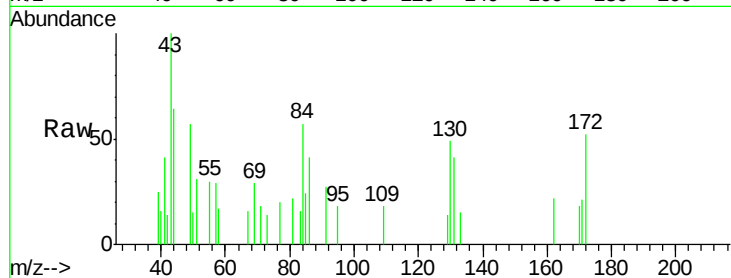




#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

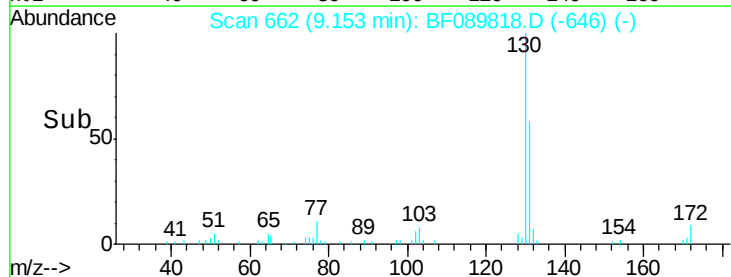
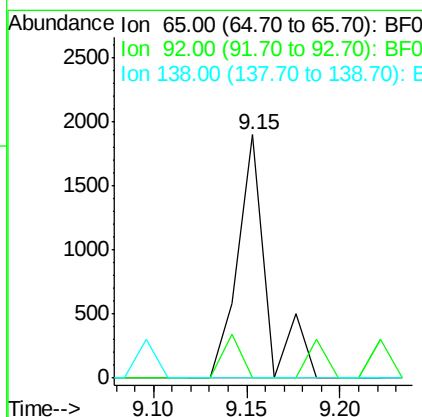
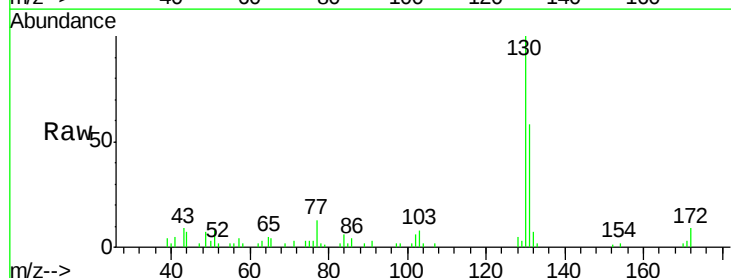
Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

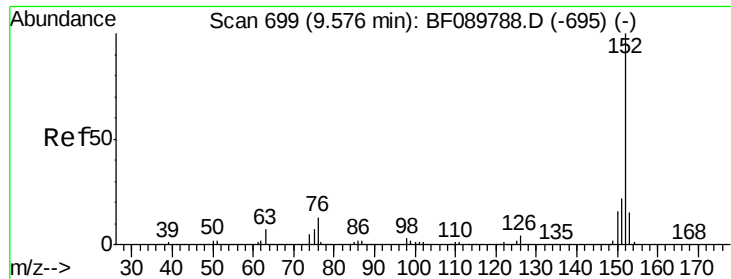
Tgt Ion: 162 Resp: 311
Ion Ratio Lower Upper
162 100
127 0.0 35.5 53.3#
164 0.0 26.6 40.0#



#47
2-Nitroaniline
Concen: 0.14 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.11 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 65 Resp: 2053
Ion Ratio Lower Upper
65 100
92 0.0 56.3 84.5#
138 0.0 81.8 122.8#





#48

Acenaphthylene

Concen: 0.04 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

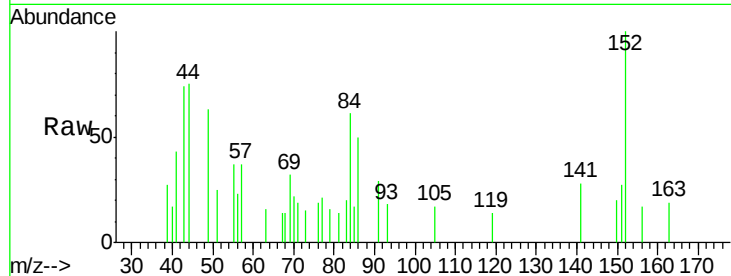
Tgt Ion:152 Resp: 2715

Ion Ratio Lower Upper

152 100

151 27.5 17.1 25.7#

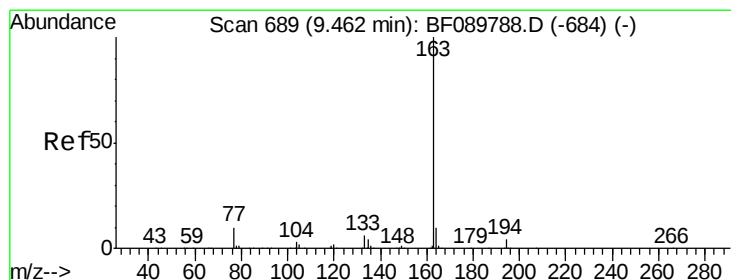
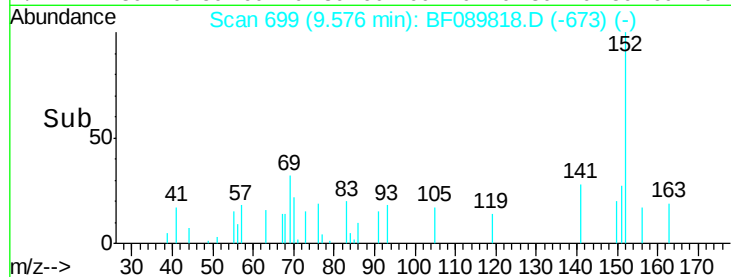
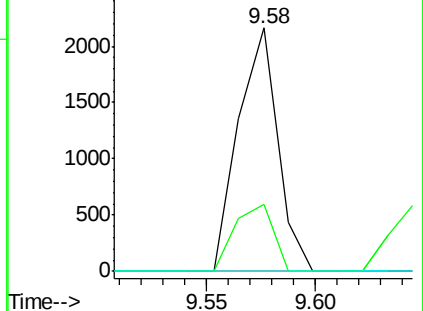
153 0.0 11.2 16.8#



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: 19.67 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

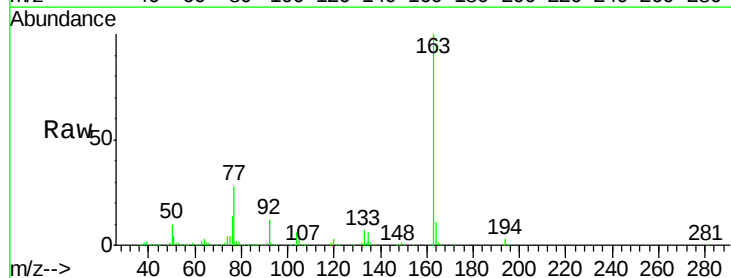
Tgt Ion:163 Resp: 1160863

Ion Ratio Lower Upper

163 100

194 2.8 2.6 3.8

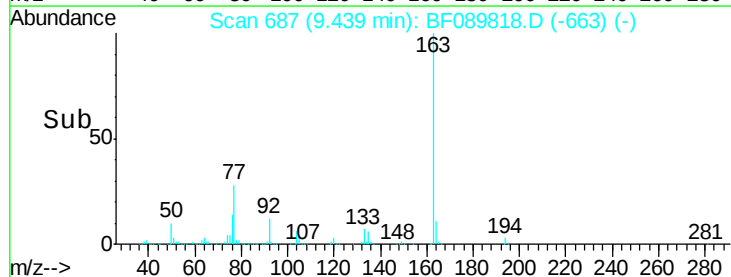
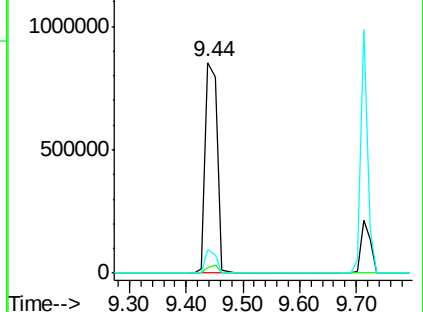
164 10.9 8.6 12.8

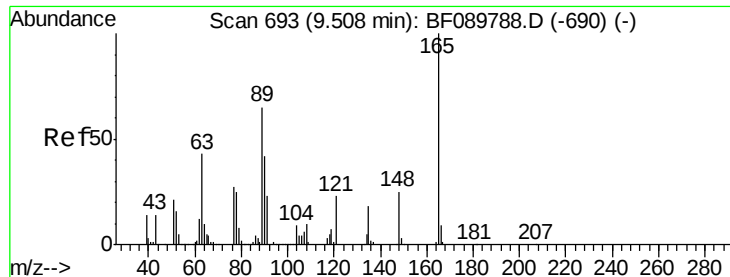


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 0.93 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

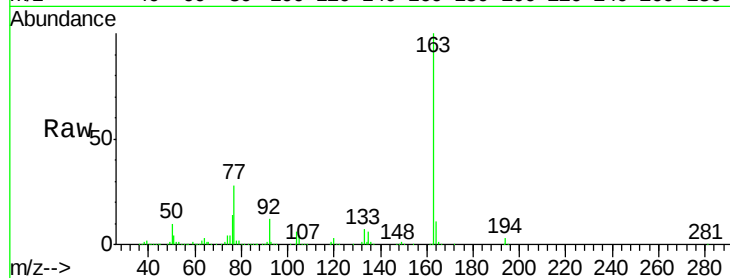
Tgt Ion:165 Resp: 12640

Ion Ratio Lower Upper

165 100

63 176.0 41.7 62.5#

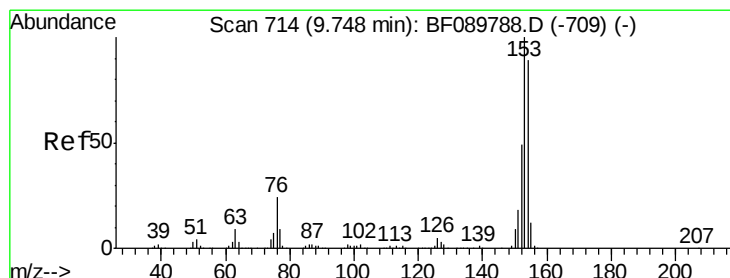
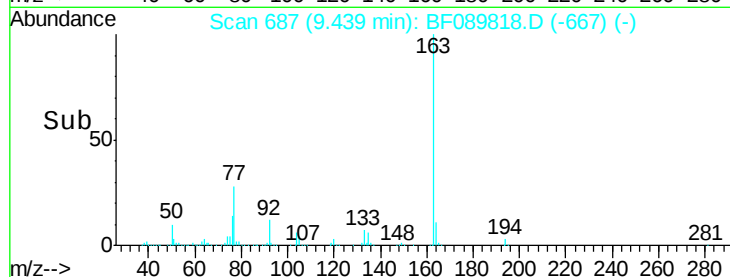
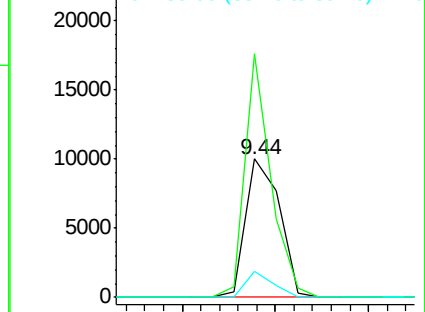
89 18.4 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 0.09 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

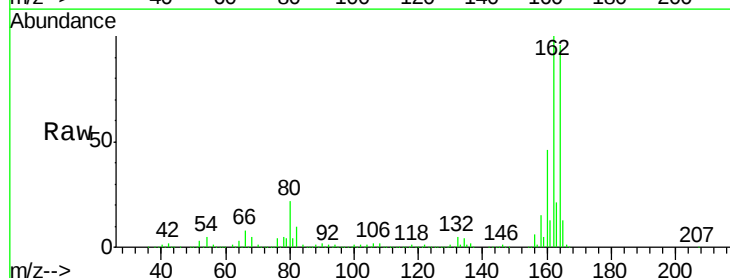
Tgt Ion:154 Resp: 4435

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

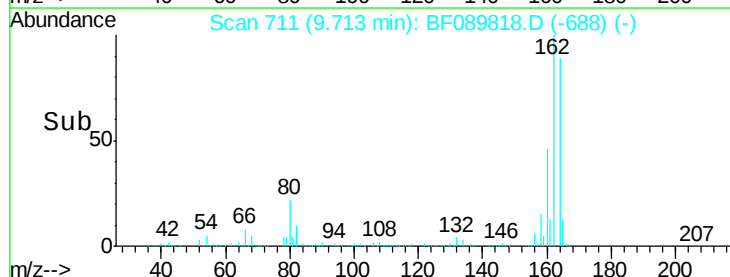
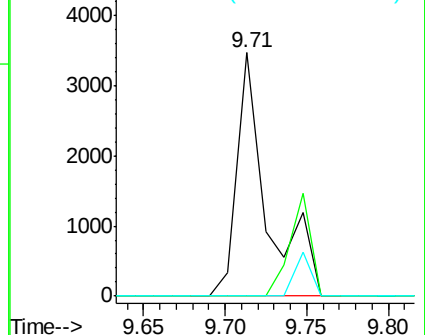
152 0.0 44.6 67.0#

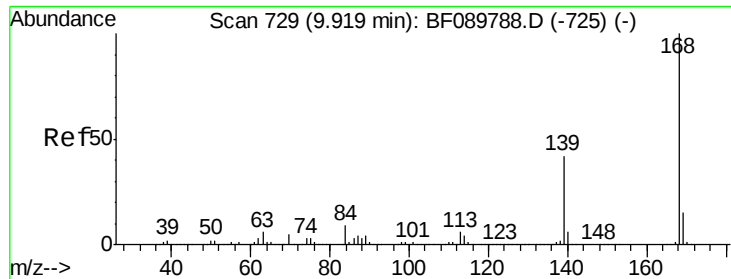


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

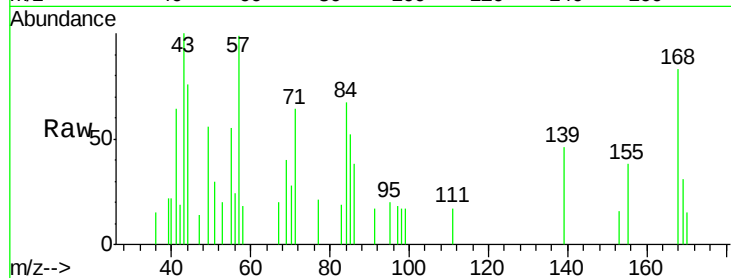




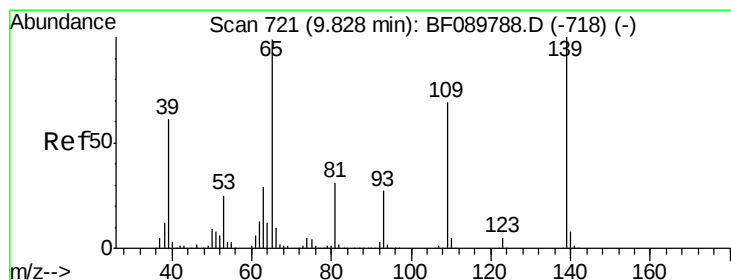
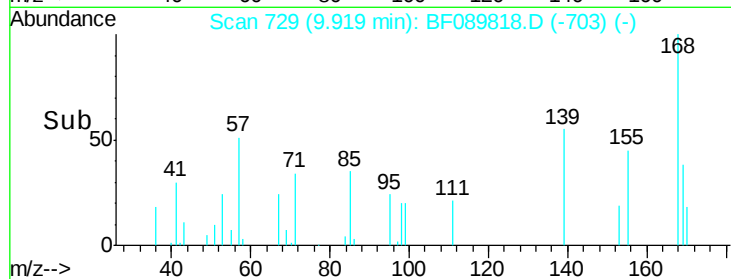
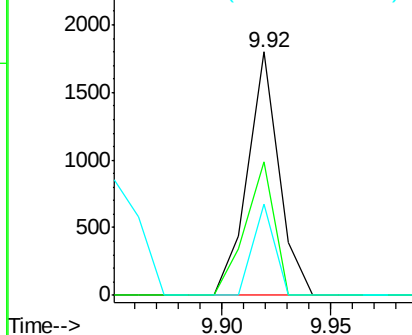
#54
Dibenzenofuran
Concen: 0.03 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:168 Resp: 1803
Ion Ratio Lower Upper
168 100
139 54.7 34.6 52.0#
169 37.7 11.5 17.3#

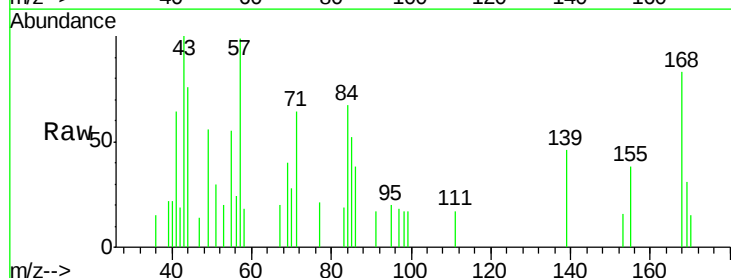


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

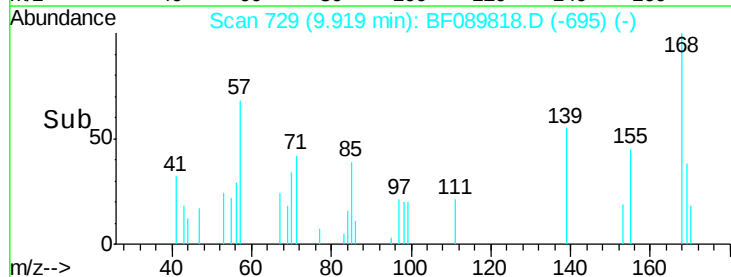
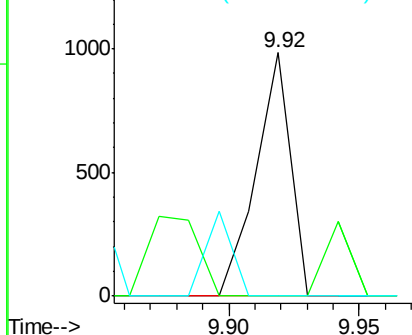


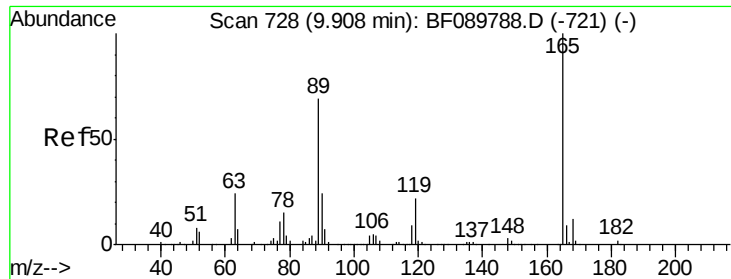
#55
4-Nitrophenol
Concen: 0.07 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.09 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:139 Resp: 909
Ion Ratio Lower Upper
139 100
109 0.0 43.0 83.0#
65 0.0 55.7 95.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

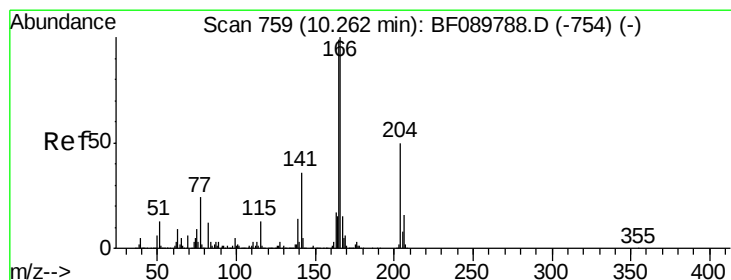
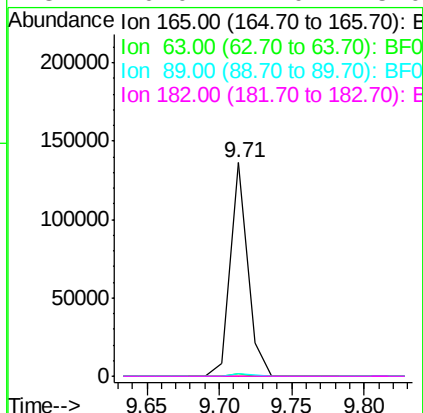
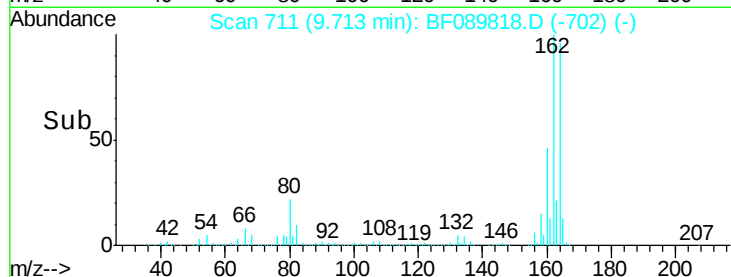
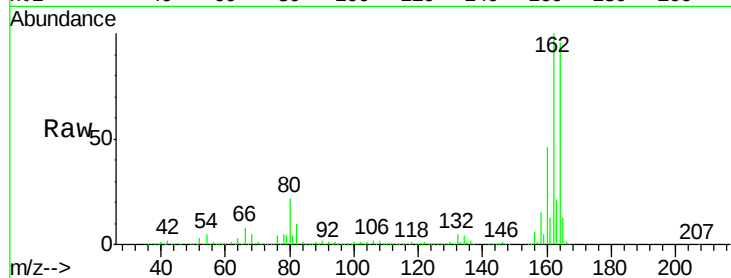




#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

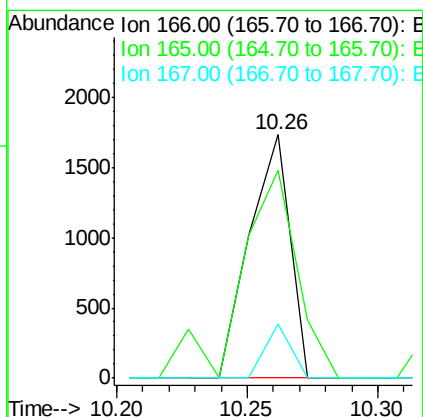
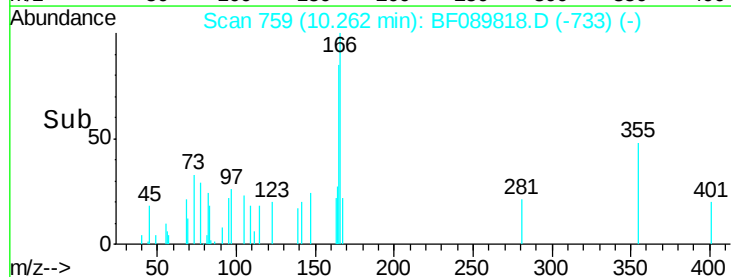
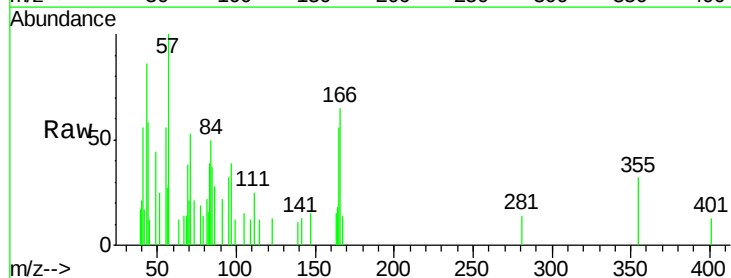
Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

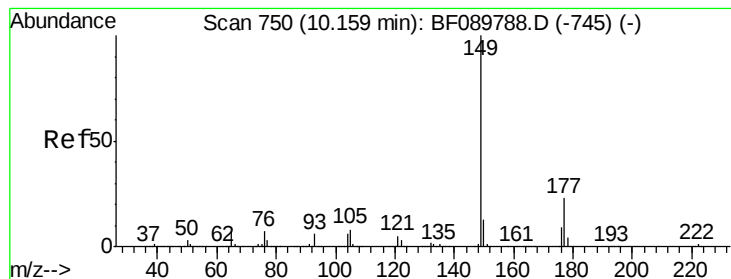
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	23.7	35.5#
89	1.2	44.0	66.0#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: 0.04 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	85.4	80.2	120.4
167	22.2	11.3	16.9#





#59

Diethylphthalate

Concen: 0.10 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

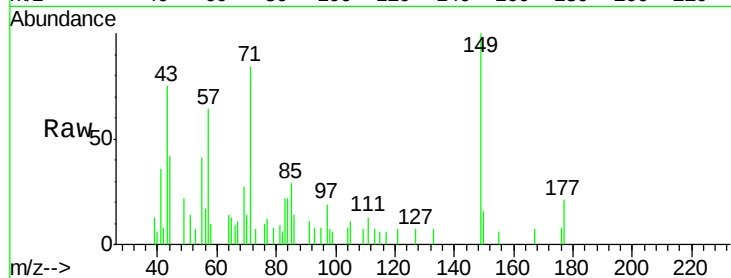
Tgt Ion: 149 Resp: 5932

Ion Ratio Lower Upper

149 100

177 20.8 16.6 25.0

150 15.8 10.5 15.7#

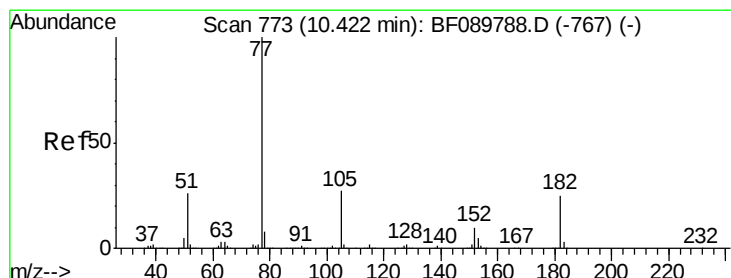
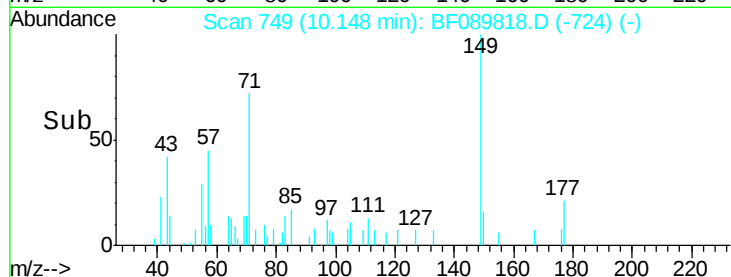
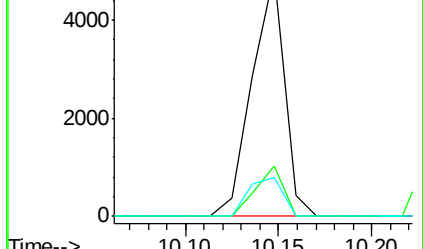


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



#62

Azobenzene

Concen: 0.05 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Tgt Ion: 77 Resp: 2658

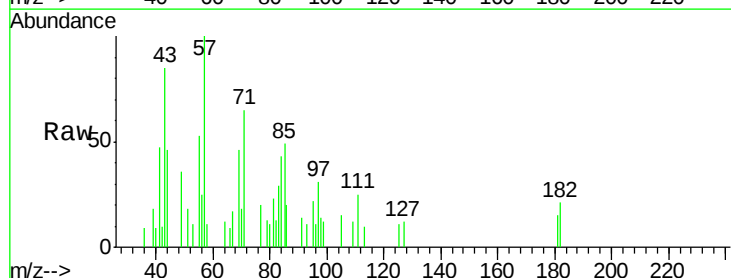
Ion Ratio Lower Upper

77 100

182 103.4 5.6 45.6#

105 73.9 4.0 44.0#

51 90.2 7.8 47.8#



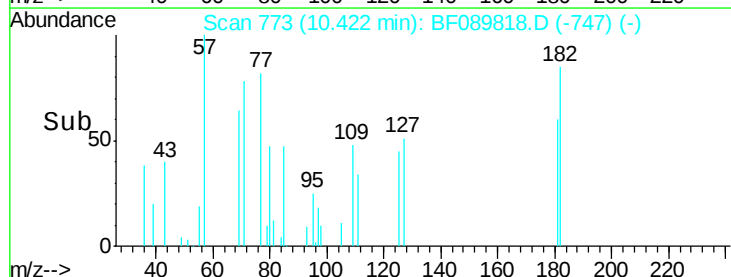
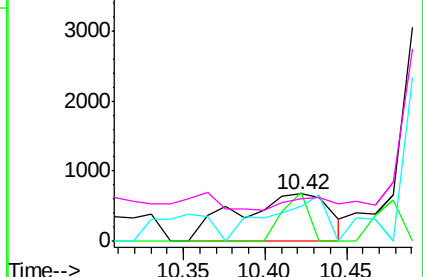
Abundance Ion 77.00 (76.70 to 77.70): BF0

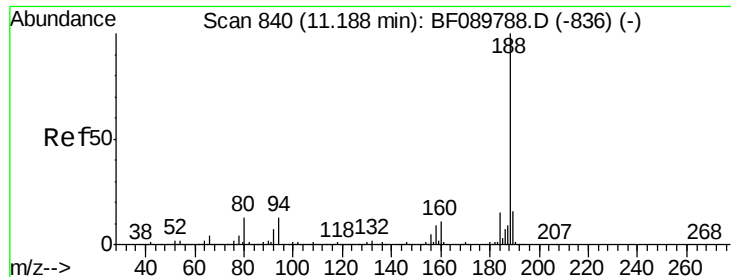
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->

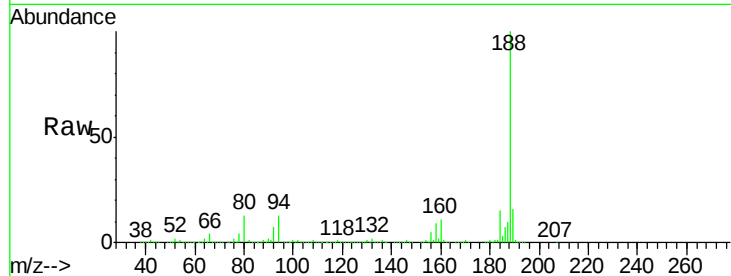




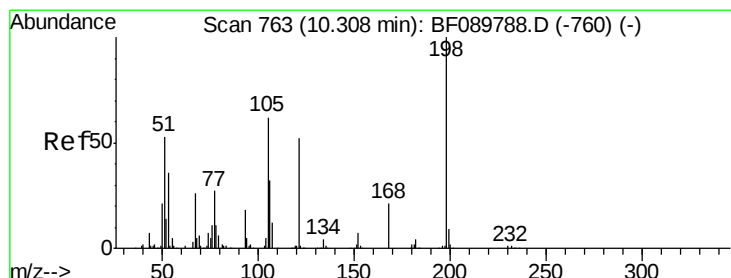
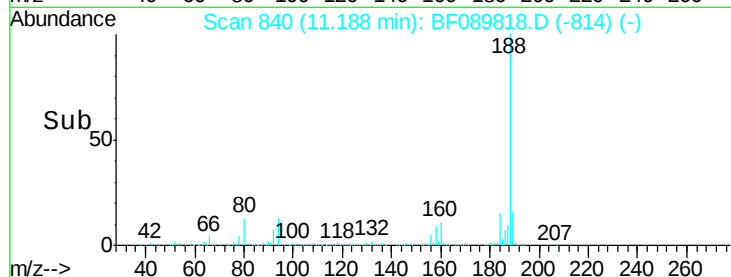
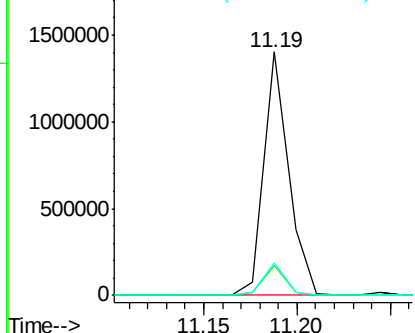
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:188 Resp: 1281384
Ion Ratio Lower Upper
188 100
94 12.5 10.2 15.2
80 13.1 10.9 16.3

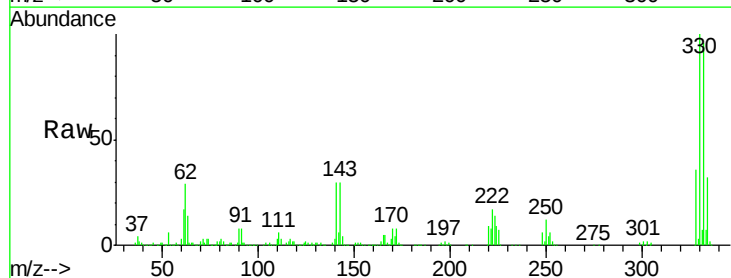


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

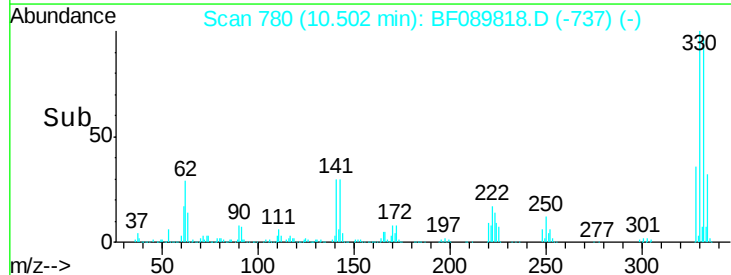
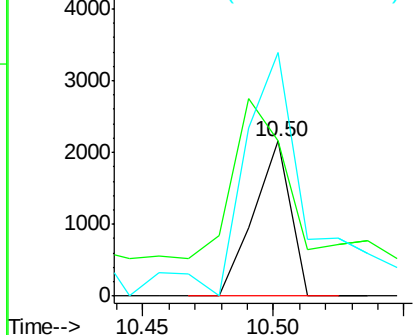


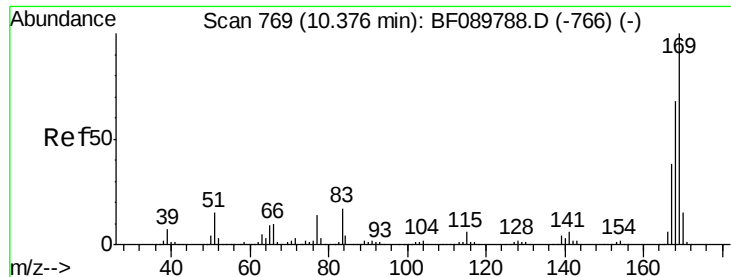
#64
4,6-Dinitro-2-methylphenol
Concen: 0.29 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.19 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:198 Resp: 2131
Ion Ratio Lower Upper
198 100
51 100.0 32.3 72.3#
105 156.8 32.9 72.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

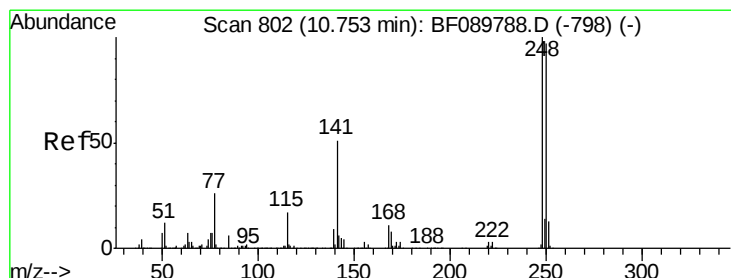
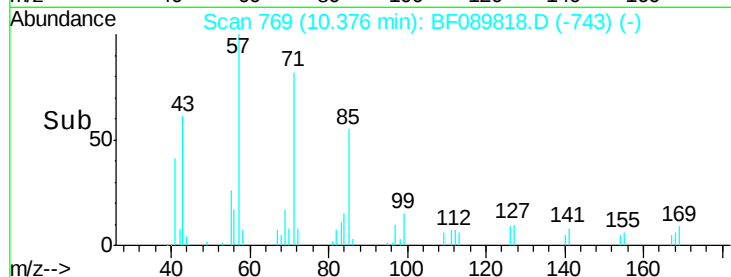
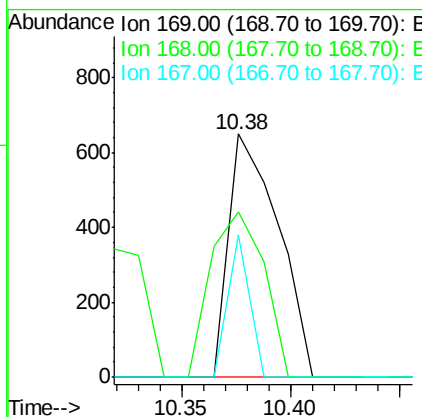
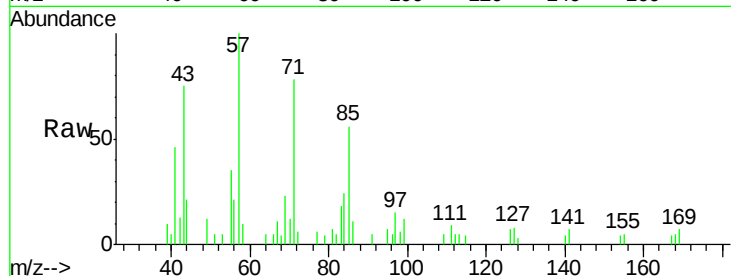




#65
 n-Nitrosodiphenylamine
 Concen: 0.03 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

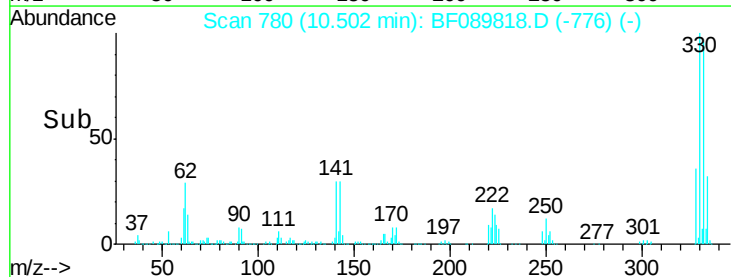
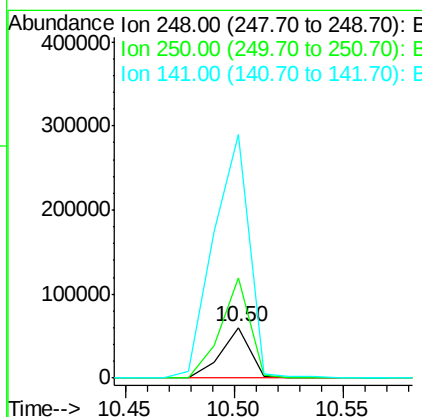
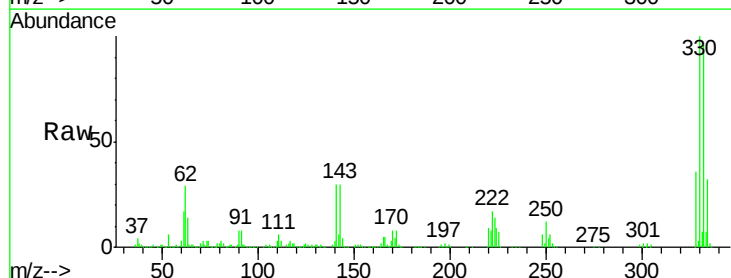
Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

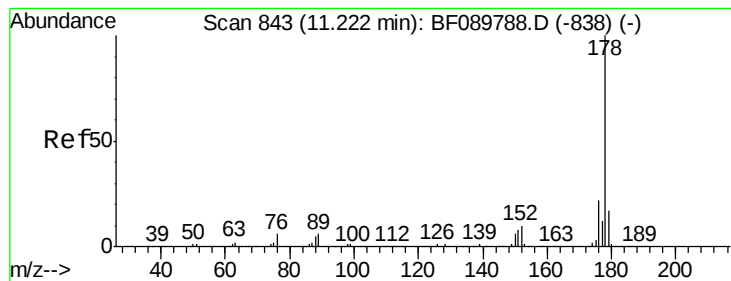
Tgt Ion:169 Resp: 1028
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.6 82.0
 167 58.5 30.6 45.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.17 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.25 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion:248 Resp: 55981
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.6 117.8#
 141 480.7 31.4 47.2#





#70

Phenanthrene

Concen: 0.14 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

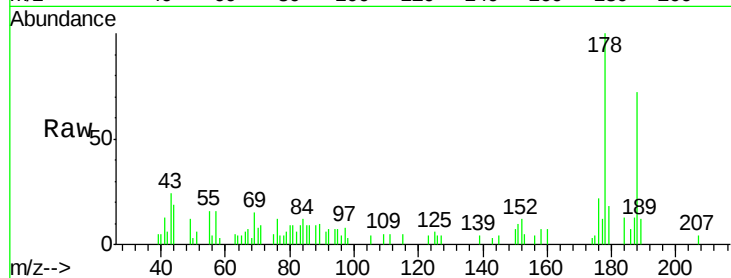
Tgt Ion:178 Resp: 8879

Ion Ratio Lower Upper

178 100

176 22.3 16.4 24.6

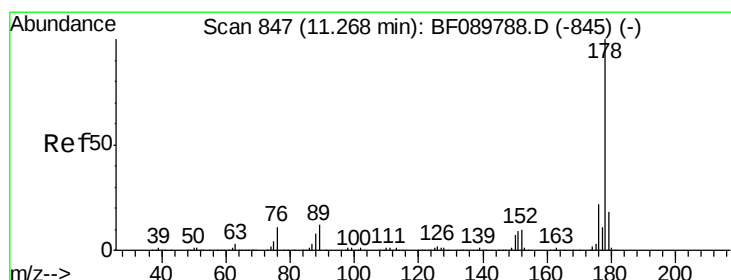
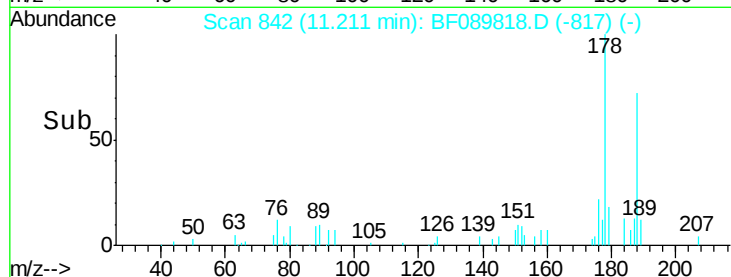
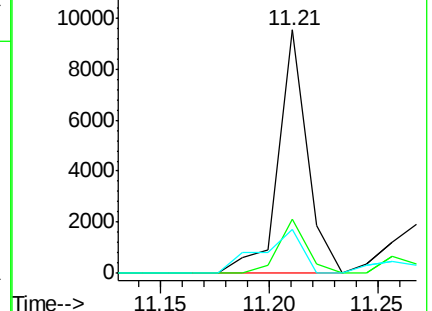
179 18.2 12.5 18.7



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: 0.04 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

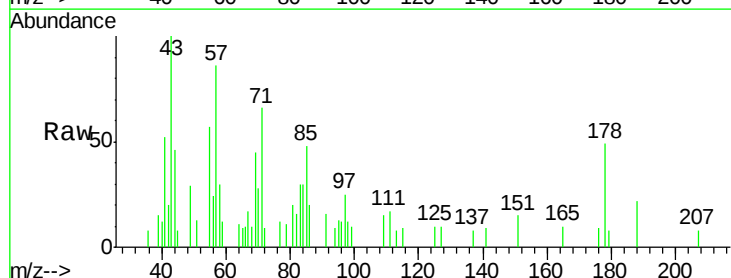
Tgt Ion:178 Resp: 2415

Ion Ratio Lower Upper

178 100

176 18.4 16.4 24.6

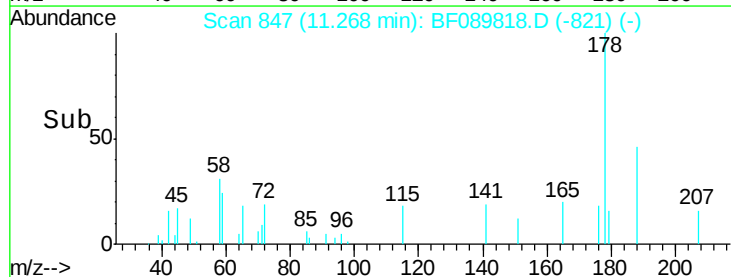
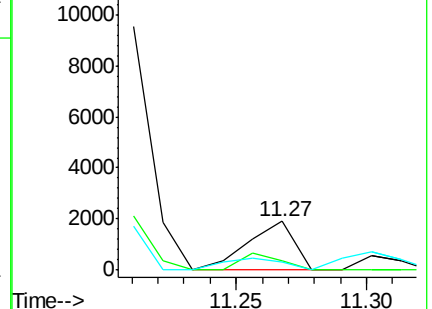
179 15.6 13.1 19.7

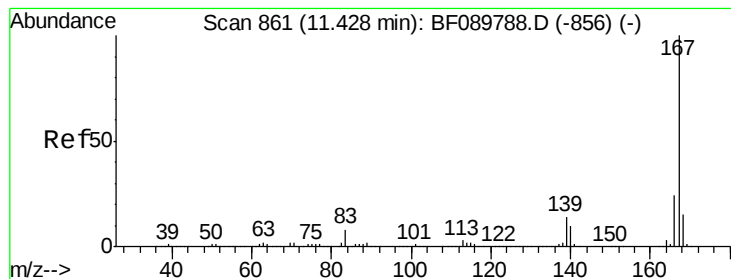


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.01 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

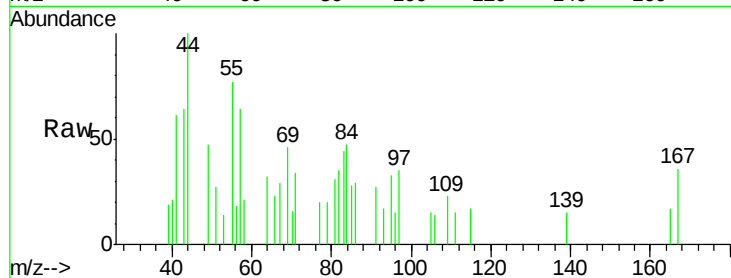
Tgt Ion:167 Resp: 876

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

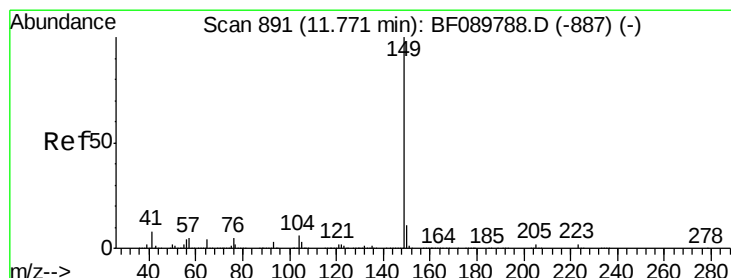
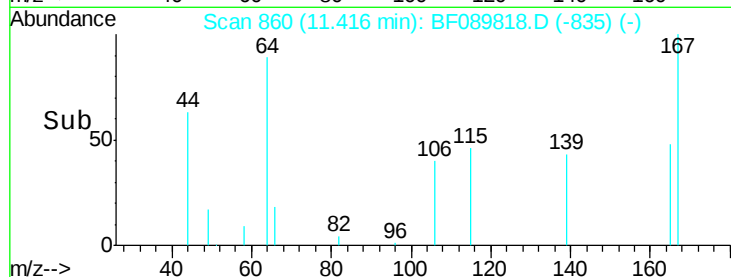
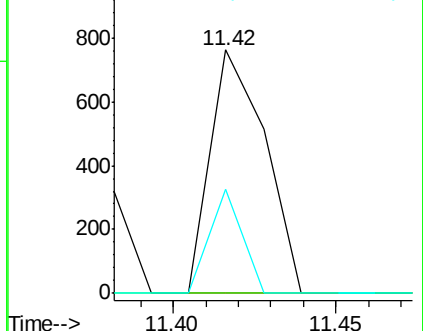
139 42.6 12.4 18.6#



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



#73

Di-n-butylphthalate

Concen: 0.14 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

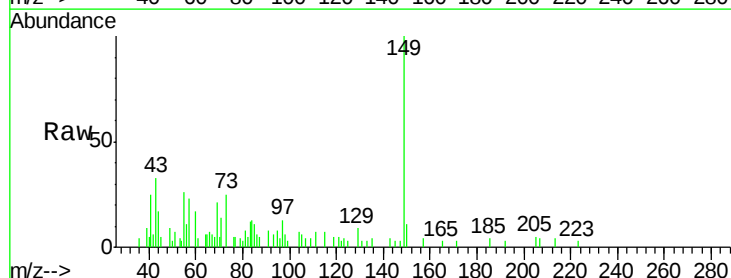
Tgt Ion:149 Resp: 10120

Ion Ratio Lower Upper

149 100

150 11.5 7.9 11.9

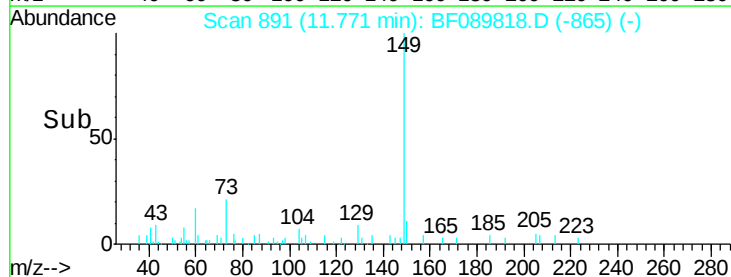
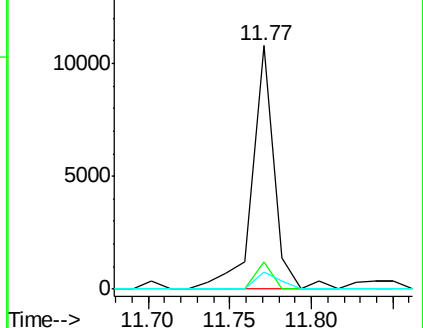
104 7.1 4.3 6.5#

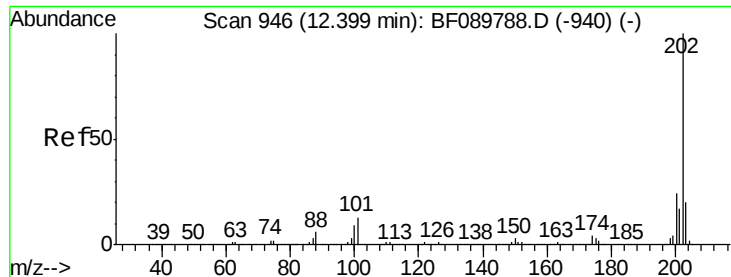


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

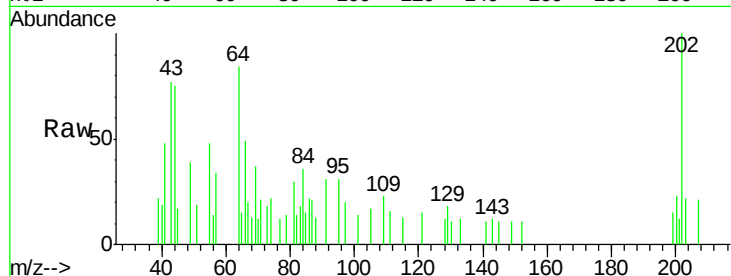




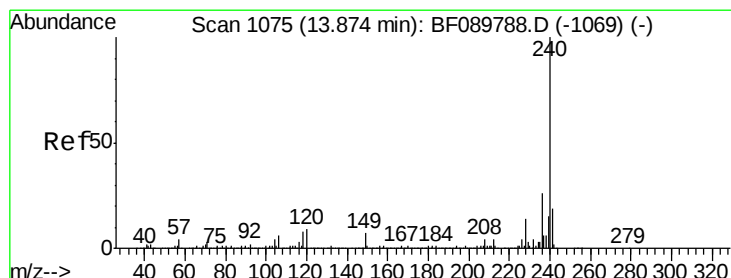
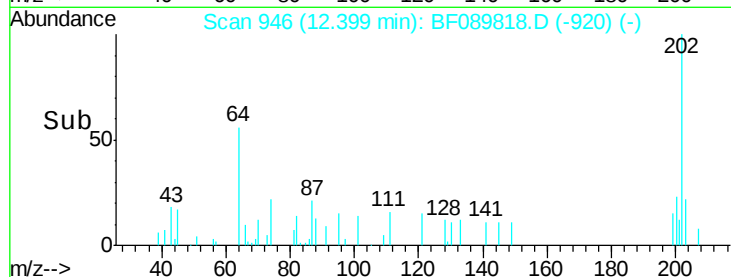
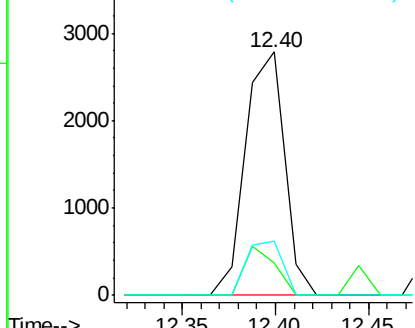
#74
 Fluoranthene
 Concen: 0.07 ng
 RT: 12.40 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4045		
101	13.6		0.0	31.2
203	22.1		0.0	38.1

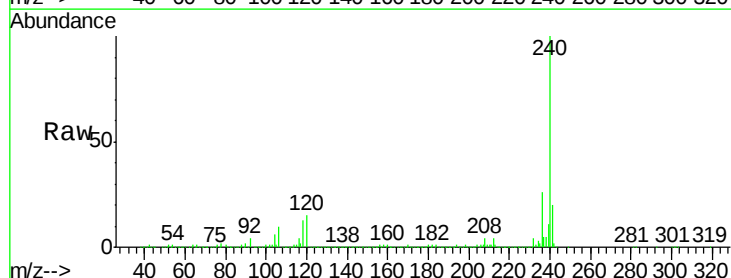


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

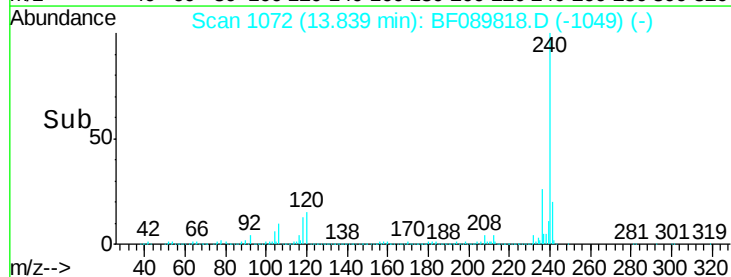
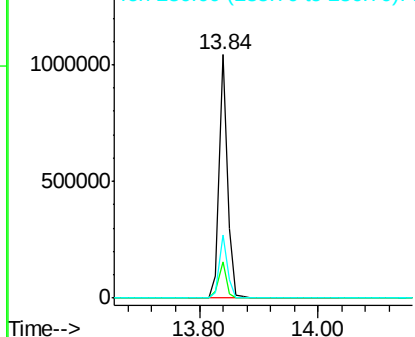


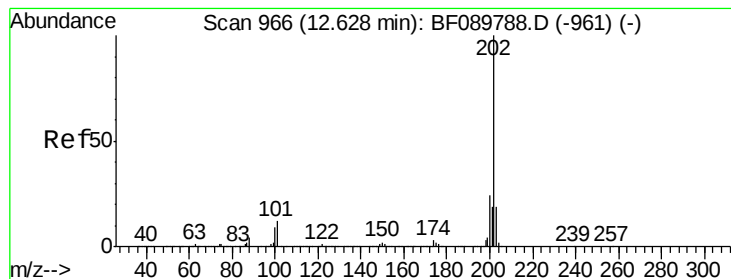
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1012235		
120	14.9		8.3	12.5#
236	26.1		21.3	31.9



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





#77

Pyrene

Concen: 0.05 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

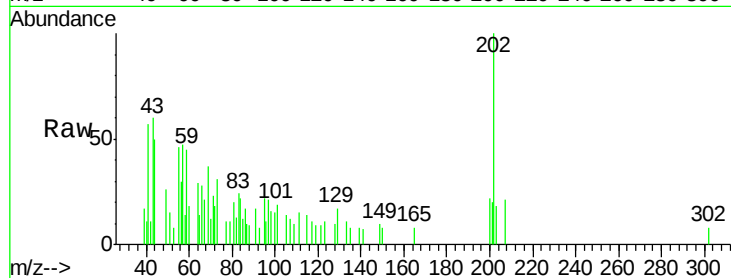
Tgt Ion:202 Resp: 4098

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

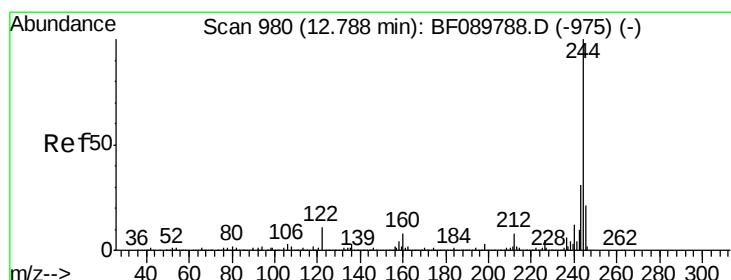
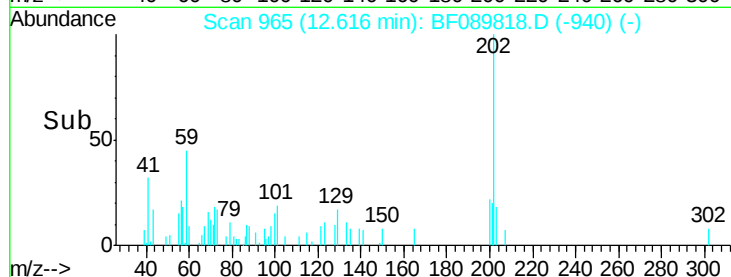
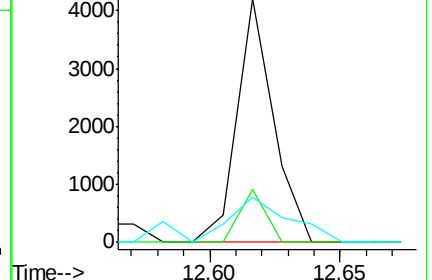
203 18.3 14.2 21.4



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: 56.67 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

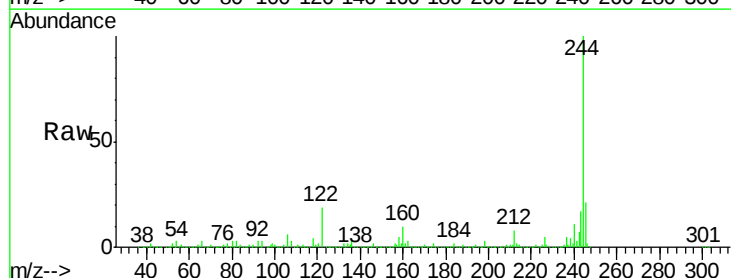
Tgt Ion:244 Resp: 2535743

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

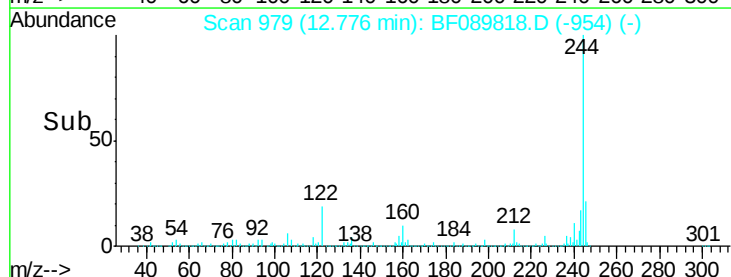
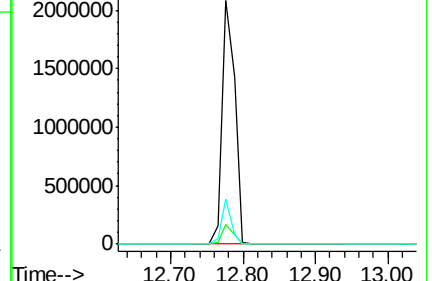
122 18.6 12.0 18.0#

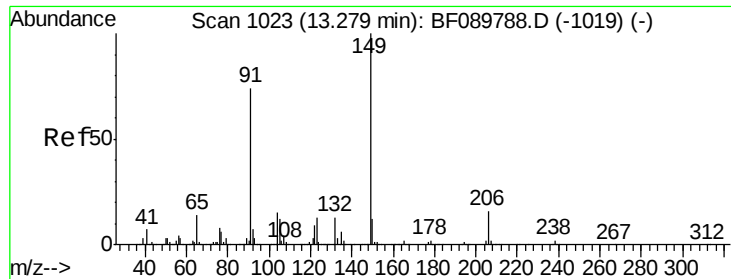


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

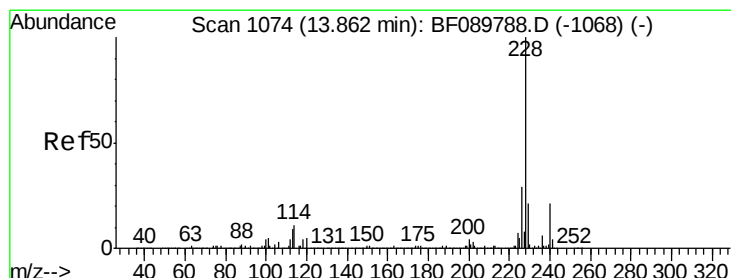
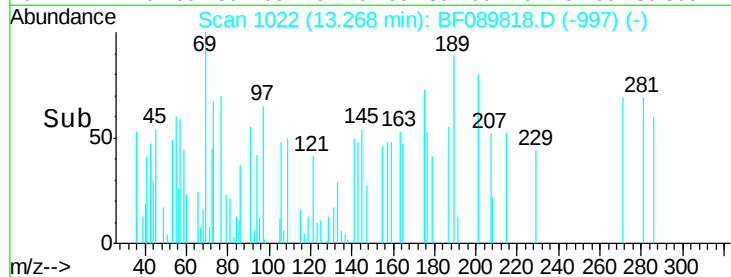
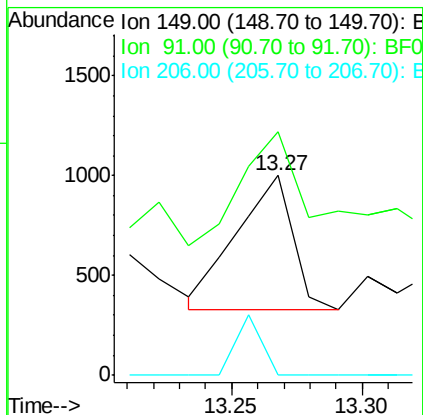
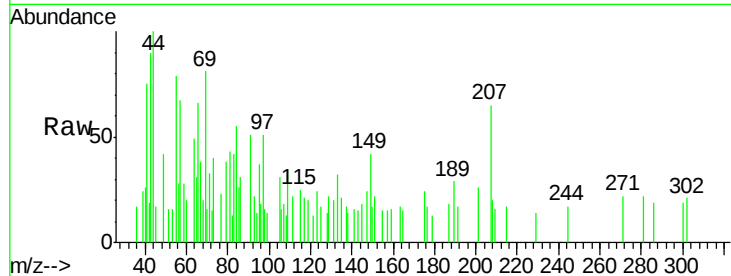
Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

Tgt Ion:	149	Resp:	1014
Ion	Ratio	Lower	Upper
149	100		
91	121.8	50.7	76.1#
206	0.0	15.5	23.3#



#80

Benzo(a)anthracene

Concen: 0.13 ng

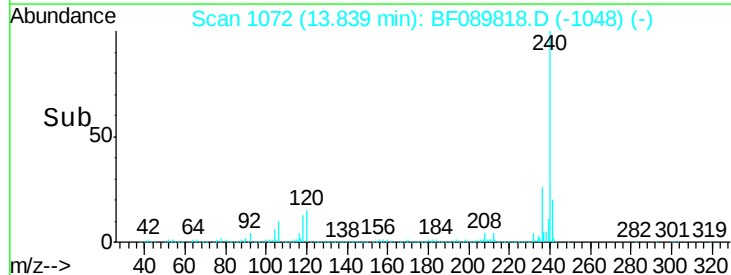
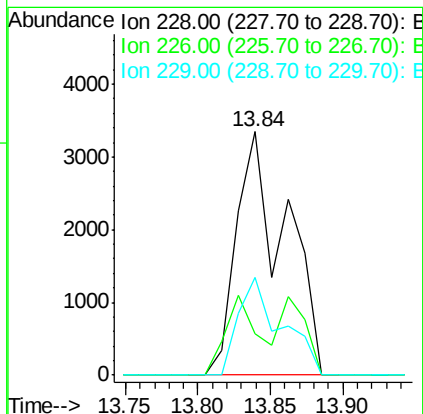
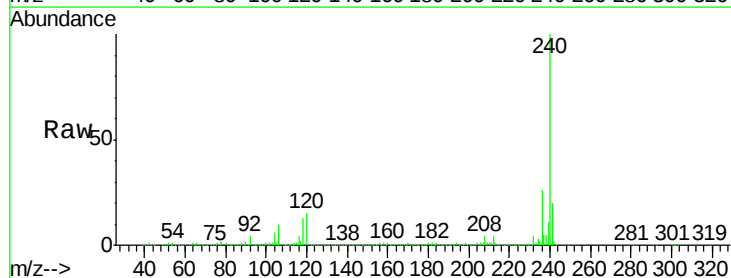
RT: 13.84 min Scan# 1072

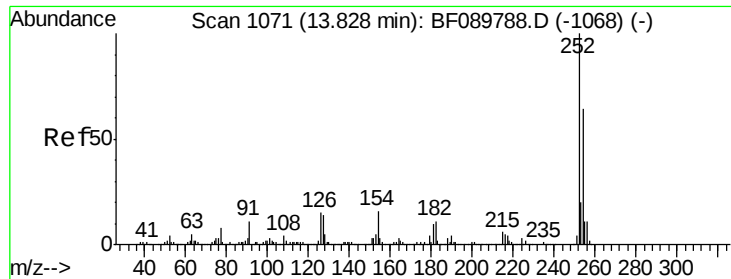
Delta R.T. -0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Tgt Ion:	228	Resp:	7792
Ion	Ratio	Lower	Upper
228	100		
226	17.1	23.2	34.8#
229	40.4	16.2	24.4#

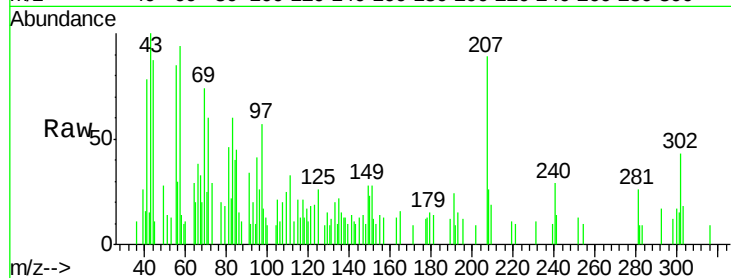




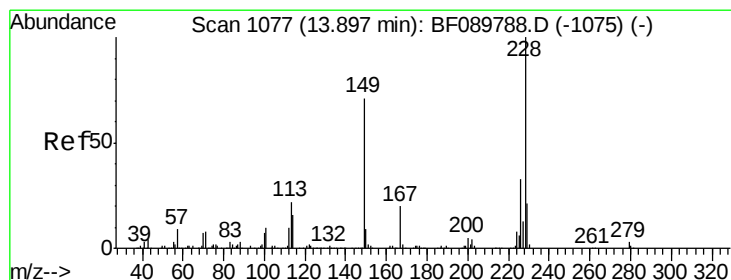
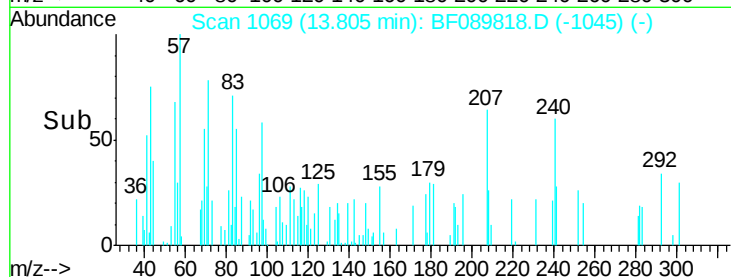
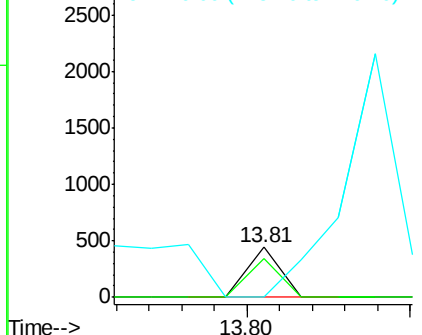
#81
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

Tgt Ion: 252 Resp: 303
 Ion Ratio Lower Upper
 252 100
 254 78.1 50.6 75.8#
 126 0.0 12.6 18.8#

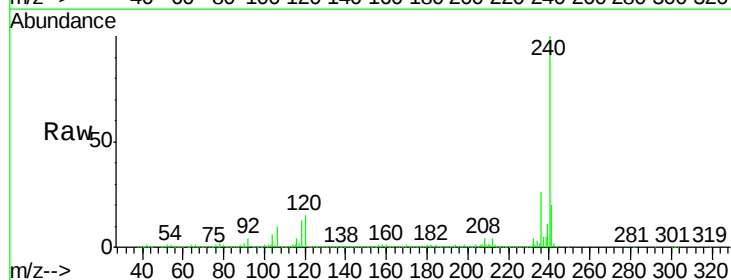


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

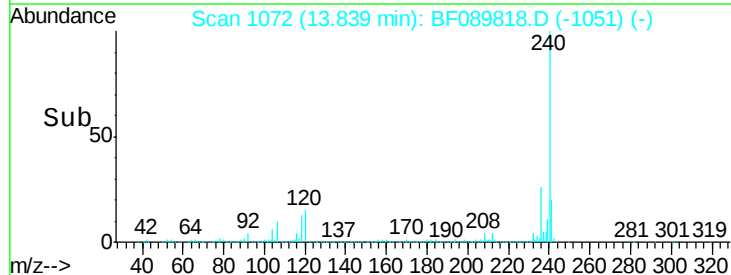
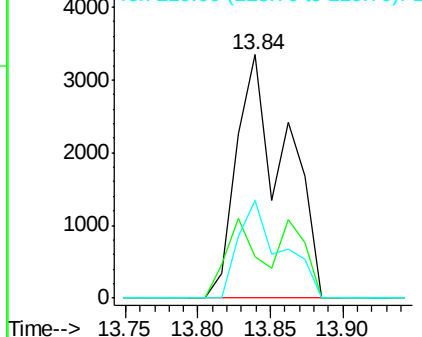


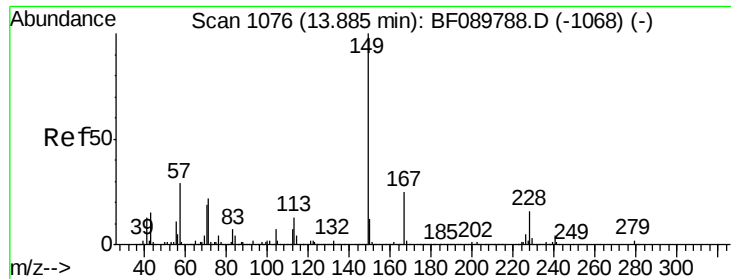
#82
 Chrysene
 Concen: 0.16 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion: 228 Resp: 7792
 Ion Ratio Lower Upper
 228 100
 226 17.1 25.4 38.0#
 229 40.4 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

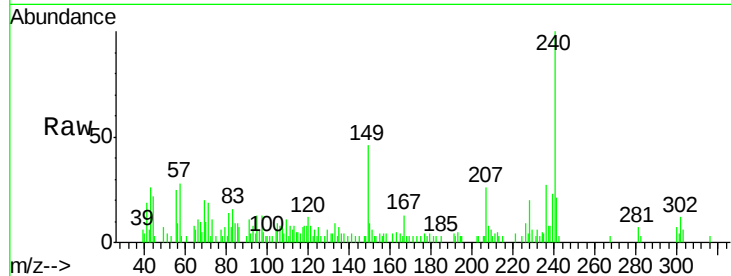
Tgt Ion:149 Resp: 7350

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

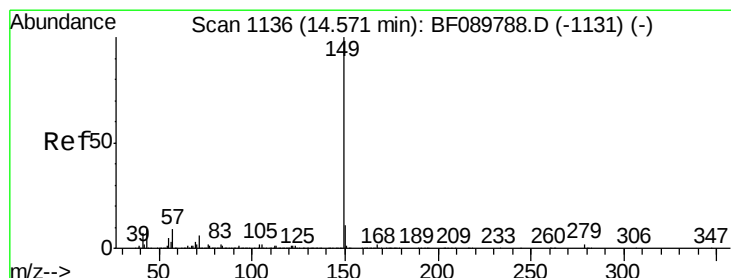
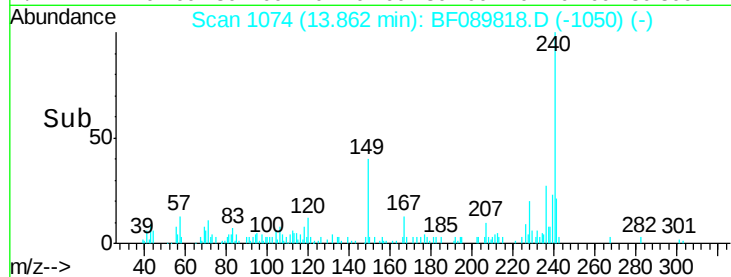
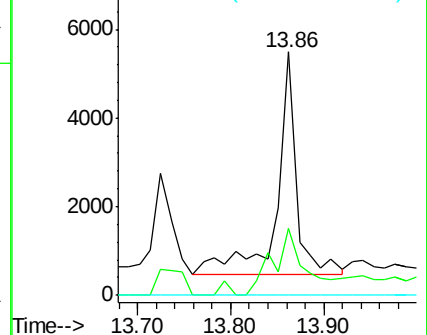
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

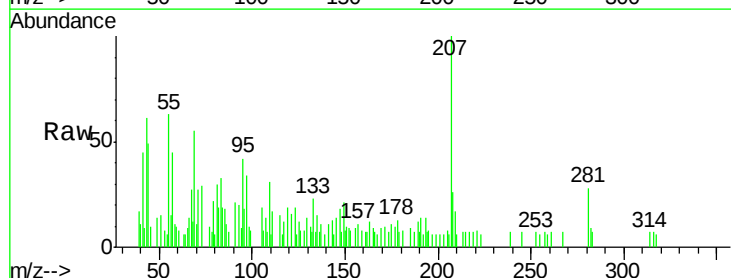
Tgt Ion:149 Resp: 904

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

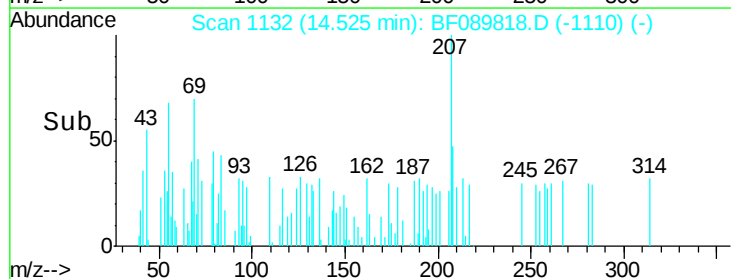
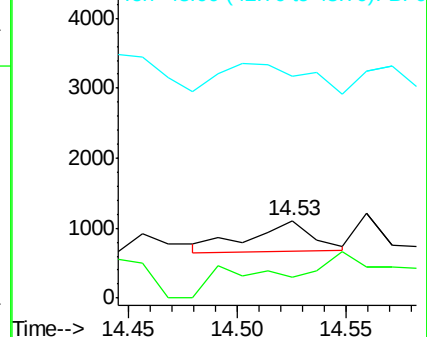
43 0.0 8.4 12.6#

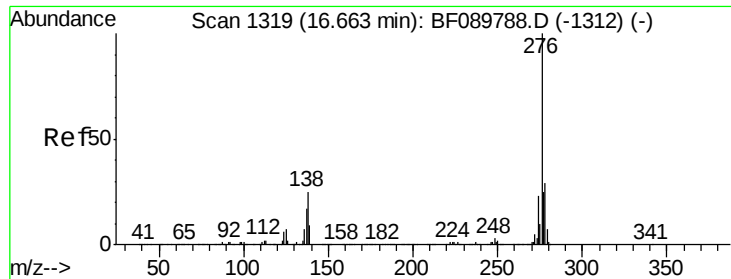


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

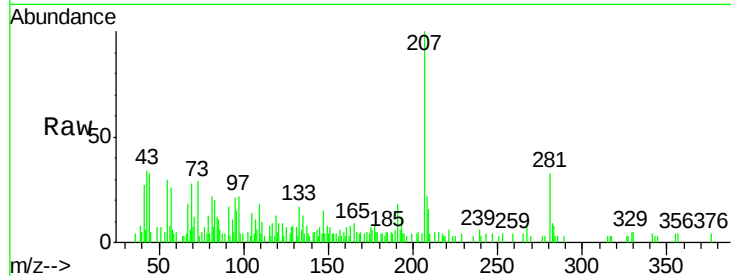




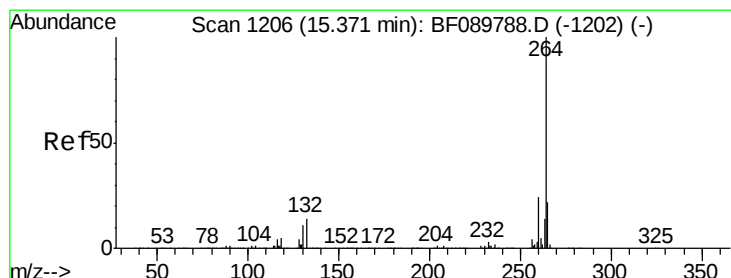
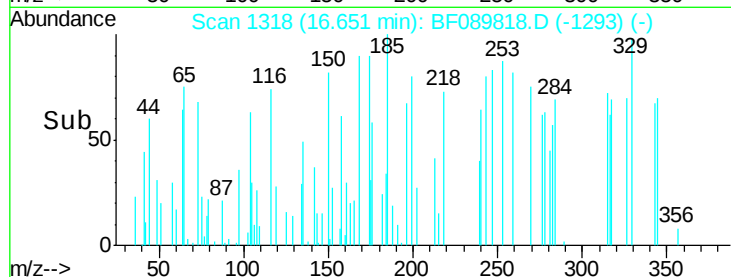
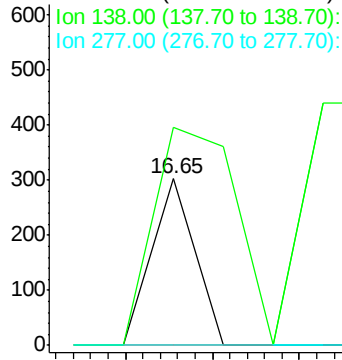
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 A-1-2(5-15)

Tgt Ion: 276 Resp: 208
 Ion Ratio Lower Upper
 276 100
 138 250.0 24.6 36.8#
 277 0.0 20.4 30.6#

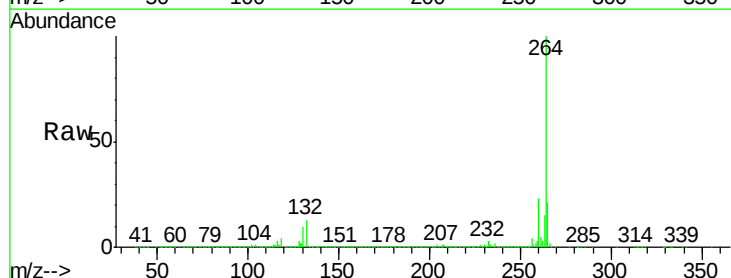


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

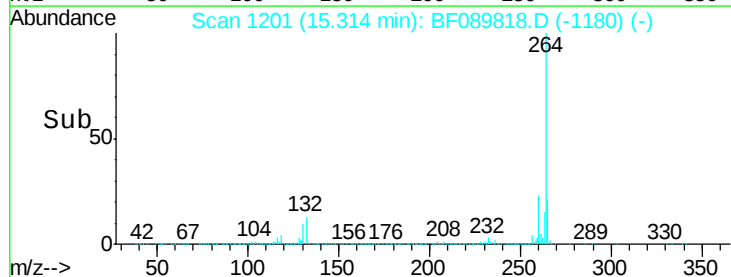
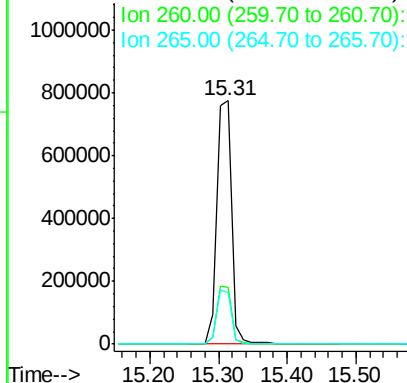


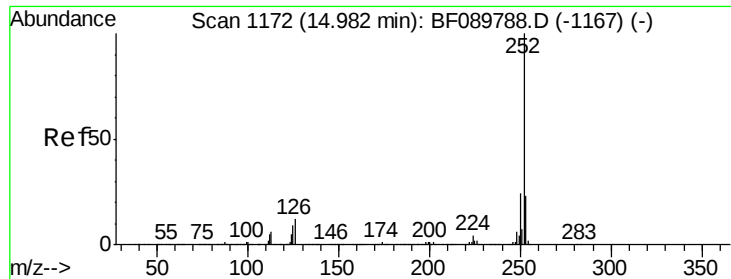
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.06 min
 Lab File: BF089818.D
 Acq: 20 Aug 2016 1:19

Tgt Ion: 264 Resp: 1187293
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.2 30.2
 265 21.3 17.4 26.2



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

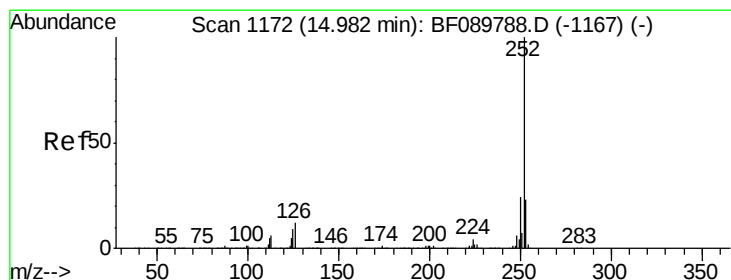
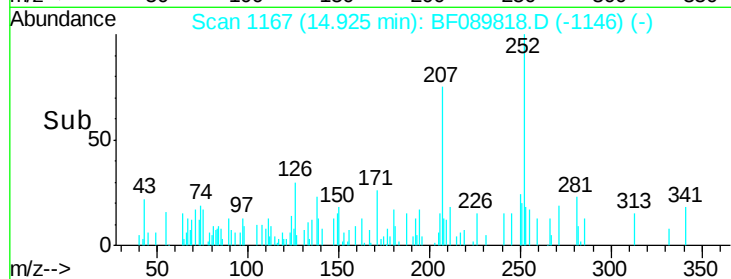
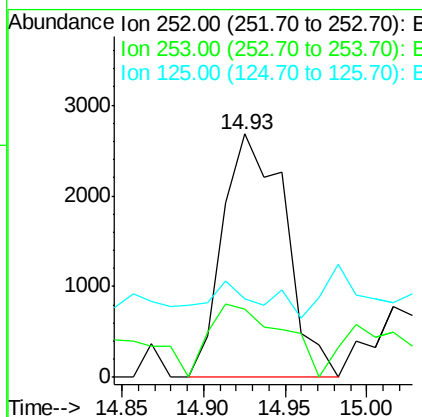
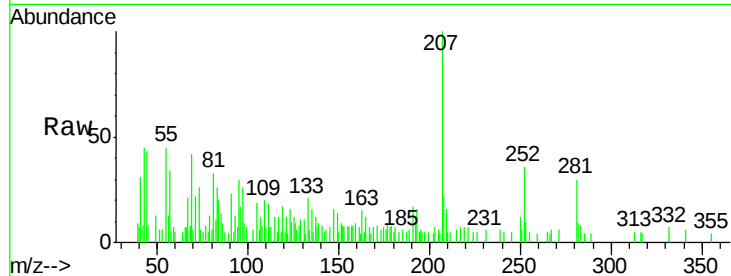




#87
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

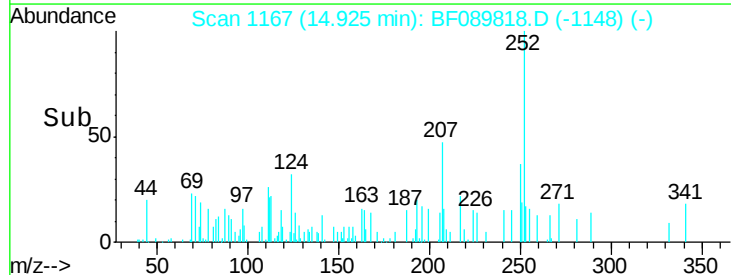
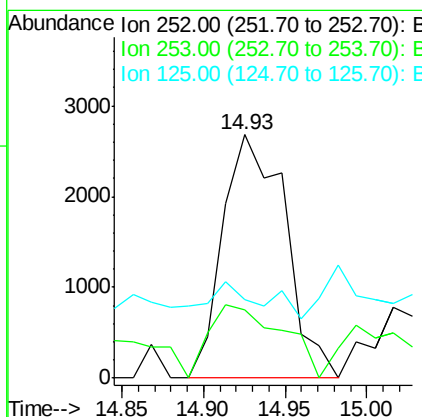
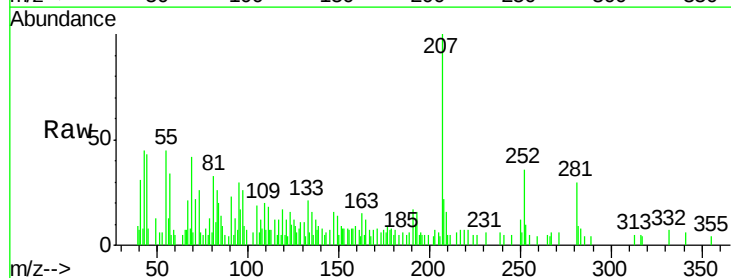
Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

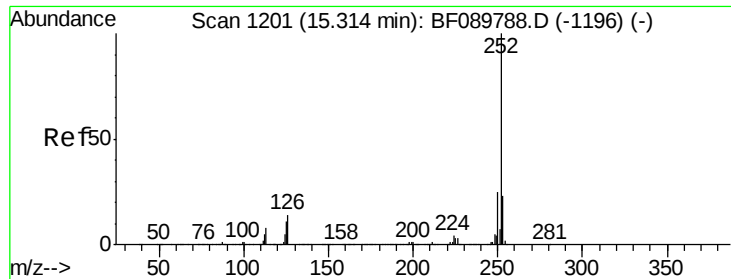
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.8#
125	32.3	11.4	17.2#



#88
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.4	27.6#
125	32.3	9.8	14.6#





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.25 min Scan# 1195

Delta R.T. -0.07 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

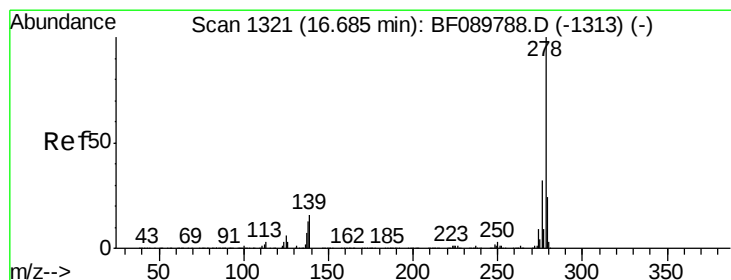
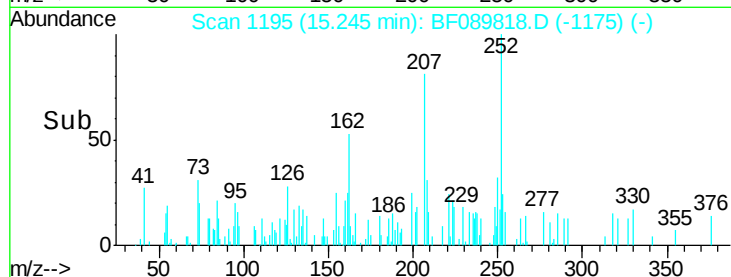
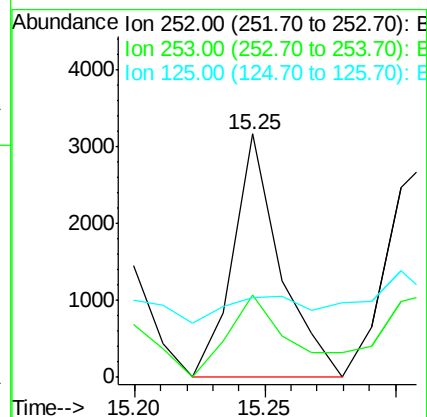
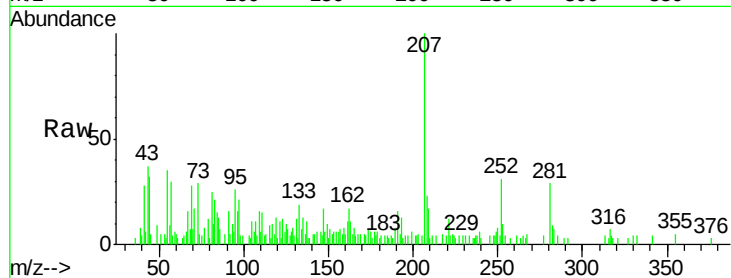
Tgt Ion:252 Resp: 4010

Ion Ratio Lower Upper

252 100

253 33.6 17.8 26.8#

125 33.0 11.7 17.5#



#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 16.61 min Scan# 1314

Delta R.T. -0.08 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

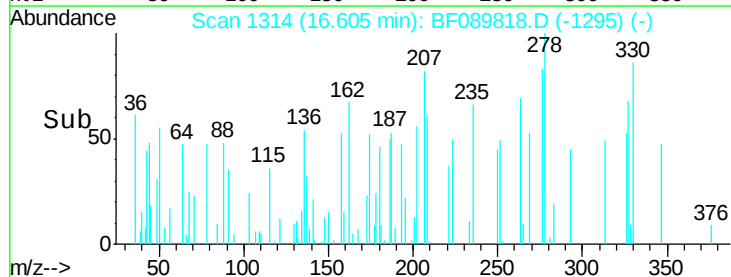
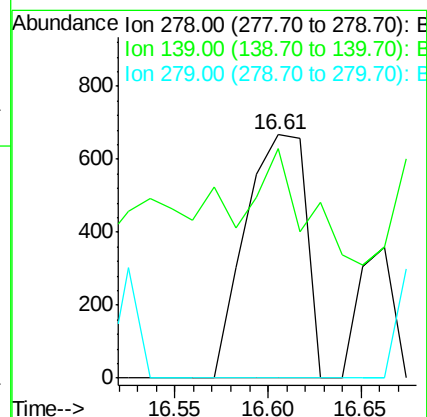
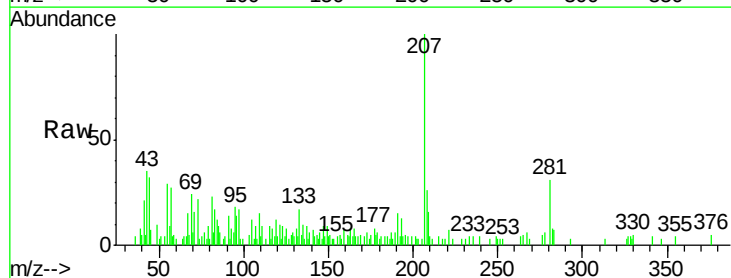
Tgt Ion:278 Resp: 1501

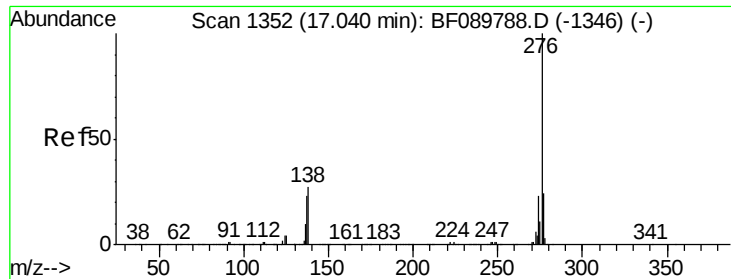
Ion Ratio Lower Upper

278 100

139 94.2 14.9 22.3#

279 0.0 19.2 28.8#





#91

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 16.96 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF089818.D

Acq: 20 Aug 2016 1:19

Instrument :

BNA_F

ClientSampleId :

A-1-2(5-15)

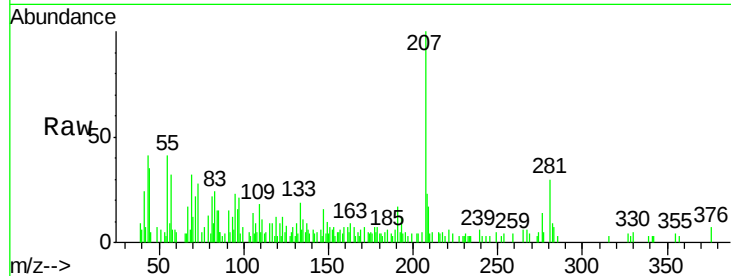
Tgt Ion: 276 Resp: 2728

Ion Ratio Lower Upper

276 100

277 35.4 19.2 28.8#

138 46.9 22.1 33.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

