

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089800.D
 Acq On : 19 Aug 2016 17:22
 Operator : UM/SJ
 Sample : PB92924BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

Quant Time: Aug 22 01:15:04 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	532635	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1971042	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	979130	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1750891	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1432552	20.00	ng	-0.03
86) Perylene-d12	15.29	264	1085070	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2278465	73.36	ng	0.01
7) Phenol-d6	6.32	99	2973348	77.99	ng	0.00
23) Nitrobenzene-d5	7.24	82	2402151	75.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	613595	65.94	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4721094	84.74	ng	0.00
78) Terphenyl-d14	12.79	244	4141061	65.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	1827	0.12	ng	# 23
4) n-Nitrosodimethylamine	2.76	42	409	0.03	ng	# 1
6) Aniline	6.31	93	479	0.01	ng	# 1
8) 2-Chlorophenol	6.46	128	790	0.02	ng	# 1
9) Benzaldehyde	6.22	77	1847	0.07	ng	# 68
10) Phenol	6.32	94	1942	0.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.44	93	5045	0.15	ng	# 1
15) Benzyl Alcohol	6.83	79	42778	1.69	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1282	0.03	ng	# 80
17) 2-Methylphenol	6.95	107	1096	0.04	ng	# 1
18) Hexachloroethane	7.28	117	5007	0.35	ng	# 2
19) n-Nitroso-di-n-propylamine	7.24	70	322113	13.21	ng	# 75
20) 3+4-Methylphenols	7.12	107	802	0.02	ng	# 19
22) Acetophenone	7.08	105	954	0.02	ng	# 1
24) Nitrobenzene	7.24	77	7547	0.21	ng	# 38
25) Isophorone	7.24	82	2000348	31.26	ng	# 67
27) 2,4-Dimethylphenol	7.66	122	1618	0.05	ng	# 22
28) bis(2-Chloroethoxy)methane	7.77	93	827	0.02	ng	# 1
31) Naphthalene	8.00	128	3143	0.03	ng	# 67
32) Benzoic acid	7.71	122	6809	0.27	ng	# 75
33) 4-Chloroaniline	8.01	127	440	0.01	ng	# 4
35) Caprolactam	8.41	113	989	0.12	ng	# 1
36) 4-Chloro-3-methylphenol	8.52	107	3091	0.11	ng	# 16
37) 2-Methylnaphthalene	8.59	142	265	0.00	ng	# 51
42) 2,4,6-Trichlorophenol	8.98	196	455	0.02	ng	# 12
43) 2,4,5-Trichlorophenol	8.98	196	455	0.02	ng	# 1
45) 1,1'-Biphenyl	9.05	154	9787	0.13	ng	# 1
46) 2-Chloronaphthalene	9.12	162	663	0.01	ng	# 1
47) 2-Nitroaniline	9.26	65	971	0.06	ng	# 30
48) Acenaphthylene	9.56	152	967	0.01	ng	# 17
50) 2,6-Dinitrotoluene	9.71	165	129104	8.11	ng	# 26
51) Acenaphthene	9.71	154	5017	0.08	ng	# 14
52) 3-Nitroaniline	9.69	138	1234	0.07	ng	# 33
53) 2,4-Dinitrophenol	9.92	184	209	2.21	ng	# 1

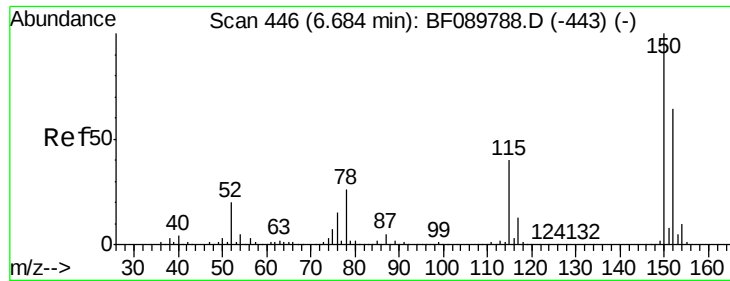
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	9.92	168	754	0.01	ng	# 1
55) 4-Nitrophenol	9.79	139	456	0.03	ng	# 23
56) 2,4-Dinitrotoluene	10.00	165	4909	0.24	ng	# 66
57) Fluorene	10.22	166	2191	0.04	ng	# 57
58) 2,3,4,6-Tetrachlorophenol	10.03	232	228	0.02	ng	# 1
59) Diethylphthalate	10.11	149	323337	4.62	ng	# 99
60) 4-Chlorophenyl-phenylether	10.23	204	704	0.03	ng	# 24
61) 4-Nitroaniline	10.33	138	285	0.02	ng	# 22
62) Azobenzene	10.40	77	4316	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	1175	0.12	ng	# 1
65) n-Nitrosodiphenylamine	10.36	169	1217	0.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.50	248	33498	1.82	ng	# 1
68) Atrazine	10.88	200	3431	0.20	ng	# 55
69) Pentachlorophenol	10.98	266	252	0.02	ng	# 24
70) Phenanthrene	11.20	178	4161	0.05	ng	# 75
71) Anthracene	11.24	178	1626	0.02	ng	# 61
72) Carbazole	11.40	167	2864	0.04	ng	# 57
73) Di-n-butylphthalate	11.76	149	150549	1.49	ng	# 98
74) Fluoranthene	12.38	202	2487	0.03	ng	# 13
76) Benzidine	12.56	184	8036	0.17	ng	# 1
77) Pyrene	12.38	202	2487	0.02	ng	# 97
79) Butylbenzylphthalate	13.26	149	13582	0.26	ng	# 83
80) Benzo(a)anthracene	13.84	228	13056	0.16	ng	# 79
81) 3,3'-Dichlorobenzidine	13.73	252	5650	0.21	ng	# 1
82) Chrysene	13.84	228	13056	0.19	ng	# 76
83) Bis(2-ethylhexyl)phthalate	13.85	149	177011	2.44	ng	# 99
84) Di-n-octyl phthalate	14.56	149	2610908	27.07	ng	# 67
85) Indeno(1,2,3-cd)pyrene	16.57	276	4516	0.05	ng	# 35
87) Benzo(b)fluoranthene	14.93	252	8415	0.14	ng	# 1
88) Benzo(k)fluoranthene	14.93	252	8415	0.16	ng	# 1
89) Benzo(a)pyrene	15.23	252	3899	0.07	ng	# 1
90) Dibenzo(a,h)anthracene	16.59	278	3869	0.06	ng	# 58
91) Benzo(g,h,i)perylene	16.95	276	4182	0.06	ng	# 85

(#) = 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

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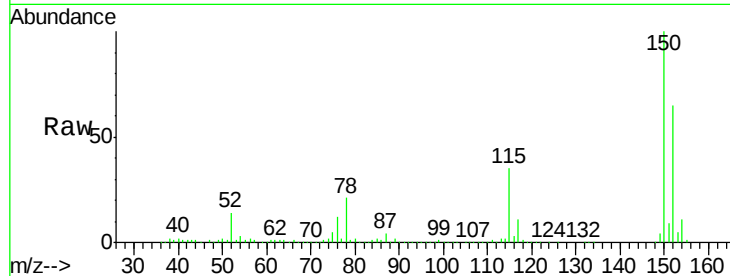
Tgt Ion:152 Resp: 532635

Ion Ratio Lower Upper

152 100

150 154.1 125.3 187.9

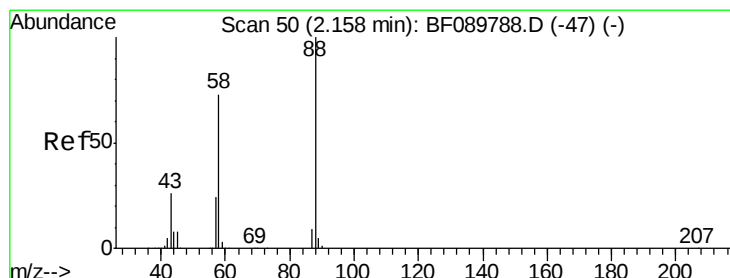
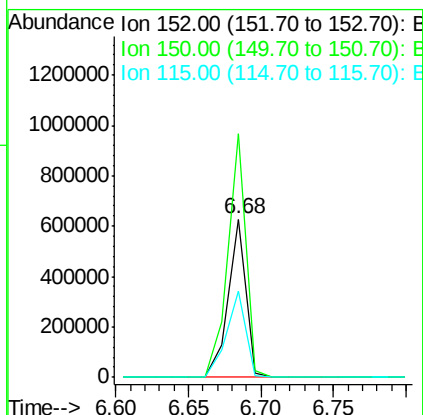
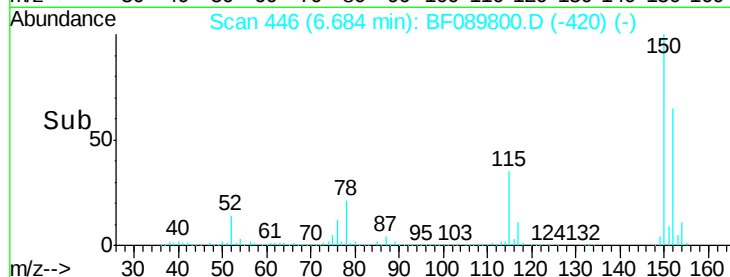
115 54.7 40.9 61.3



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



#2

1,4-Dioxane

Concen: 0.12 ng

RT: 2.34 min Scan# 66

Delta R.T. 0.18 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

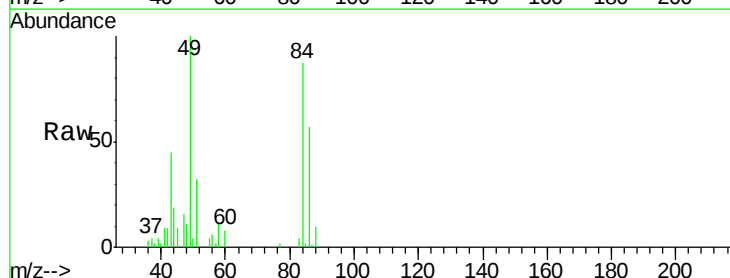
Tgt Ion: 88 Resp: 1827

Ion Ratio Lower Upper

88 100

58 0.0 57.0 85.4#

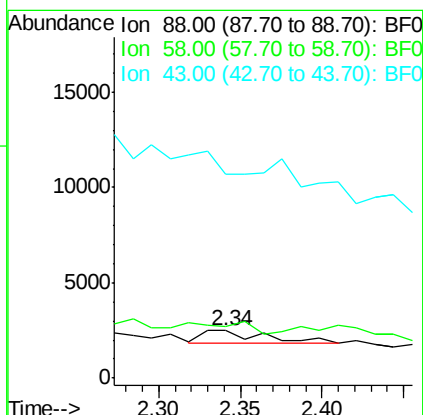
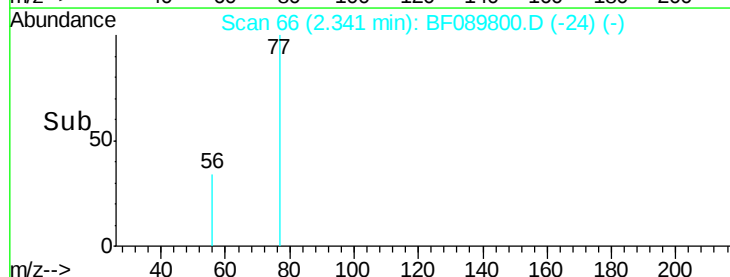
43 0.0 21.8 32.8#

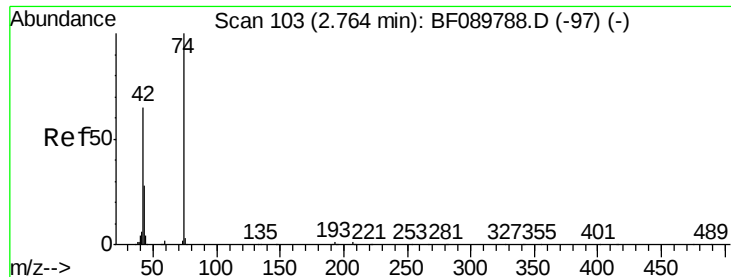


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

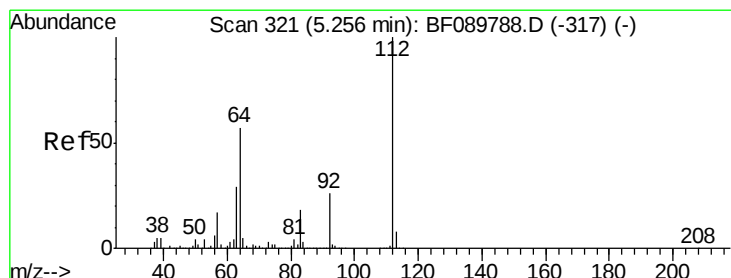
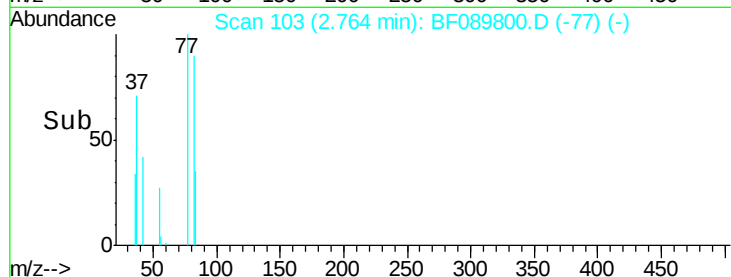
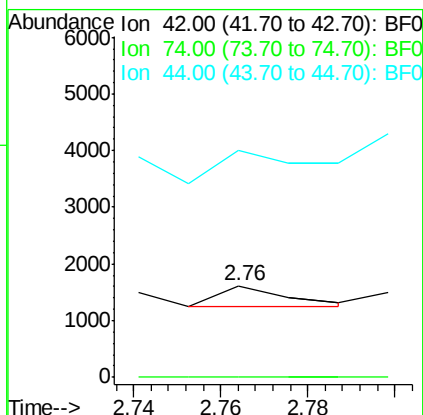
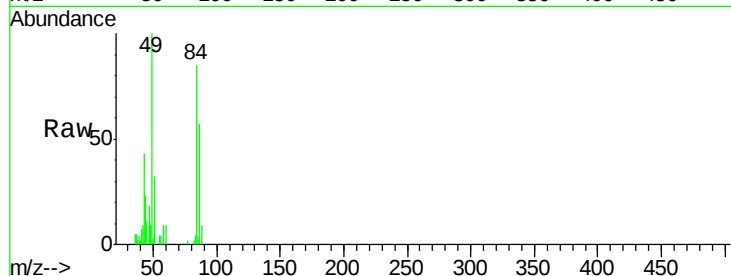
Tgt Ion: 42 Resp: 409

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

44 247.1 6.9 10.3#



#5

2-Fluorophenol

Concen: 73.36 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

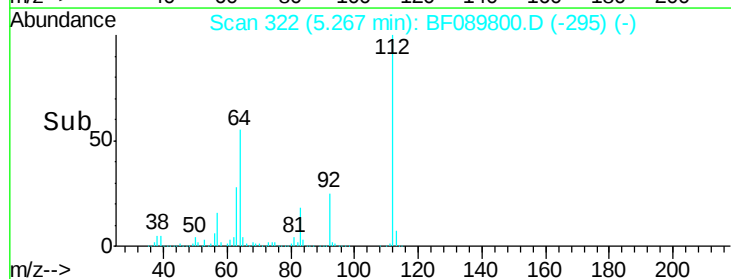
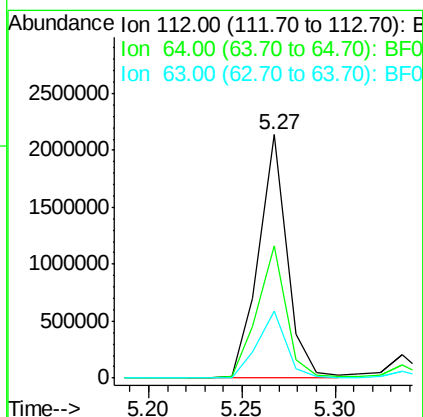
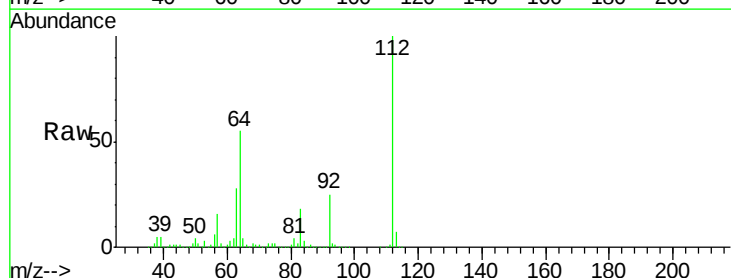
Tgt Ion: 112 Resp: 2278465

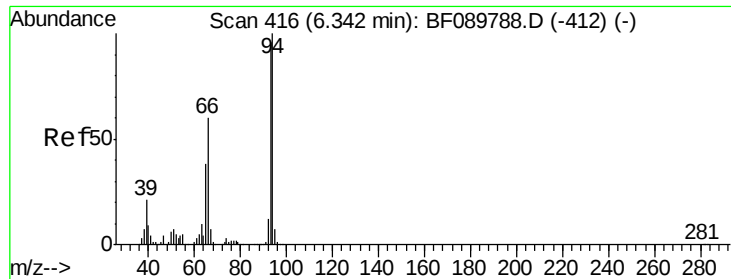
Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

63 27.6 23.1 34.7





#6

Aniline

Concen: 0.01 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

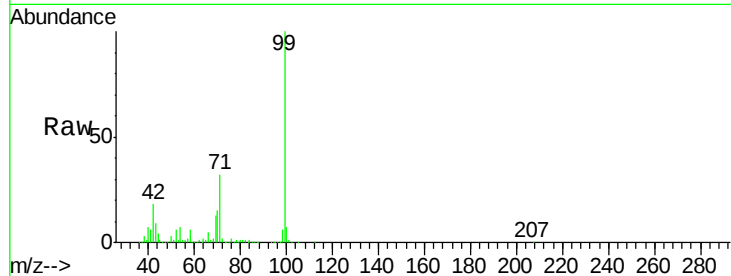
Tgt Ion: 93 Resp: 479

Ion Ratio Lower Upper

93 100

66 14565.3 30.6 46.0#

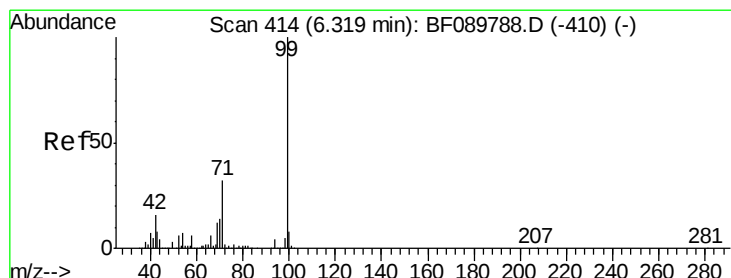
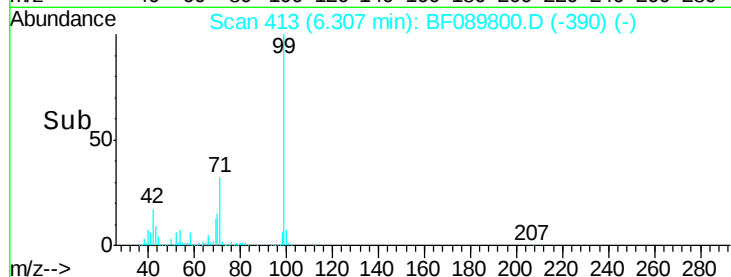
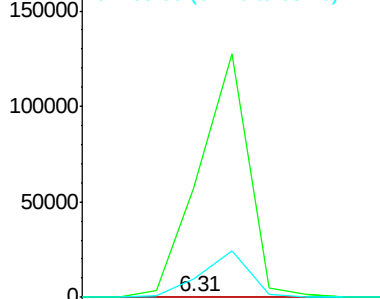
65 2456.1 15.4 23.2#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 77.99 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

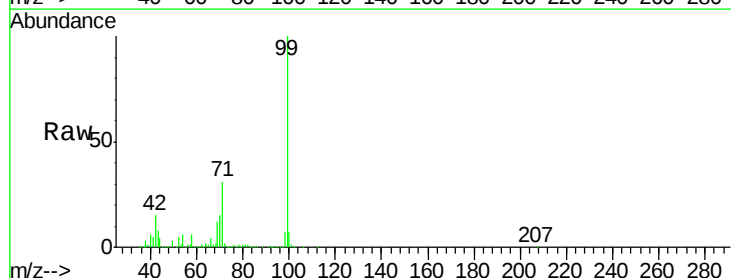
Tgt Ion: 99 Resp: 2973348

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.4

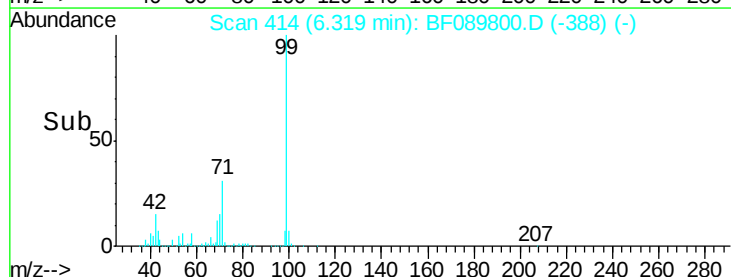
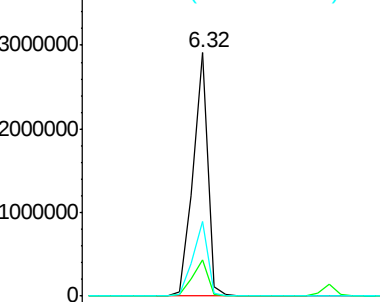
71 30.7 23.8 35.8

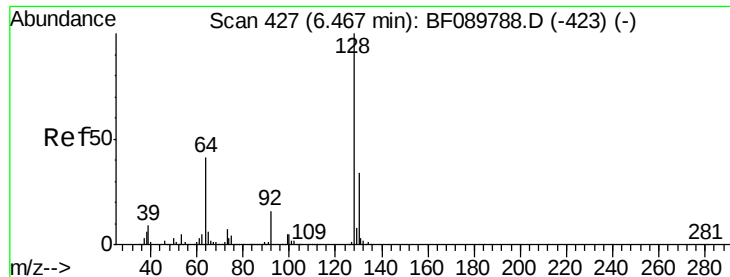


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.02 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

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ClientSampleId :

PB93006BL

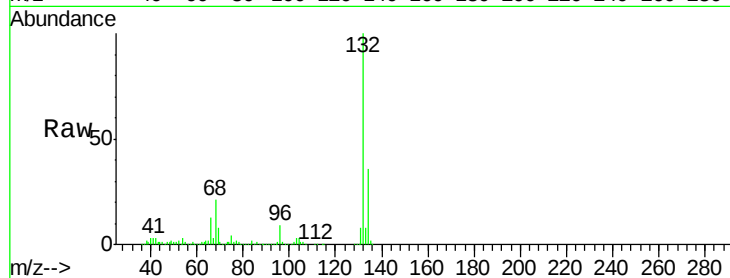
Tgt Ion:128 Resp: 790

Ion Ratio Lower Upper

128 100

130 148.6 12.0 52.0#

64 2093.5 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

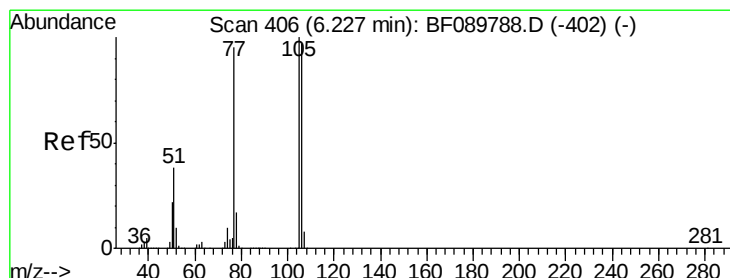
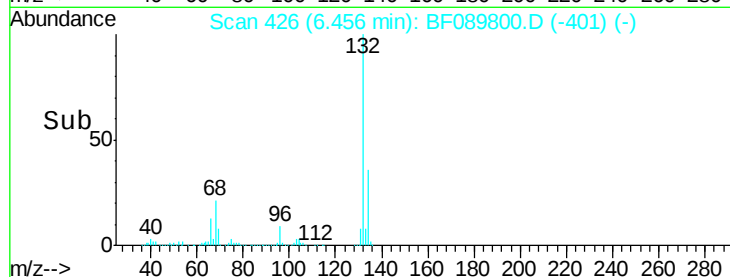
50000

0

6.45

6.50

Time-->



#9

Benzaldehyde

Concen: 0.07 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

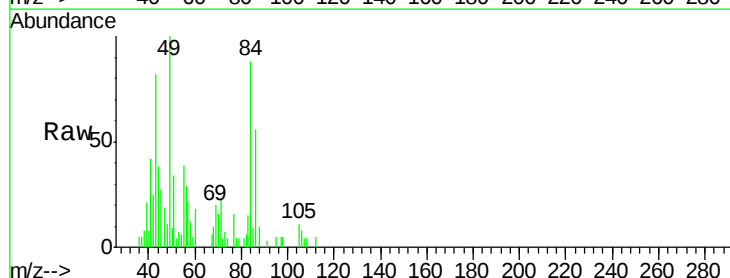
Tgt Ion: 77 Resp: 1847

Ion Ratio Lower Upper

77 100

105 70.8 73.3 113.3#

106 49.4 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

6000

5000

4000

3000

2000

1000

0

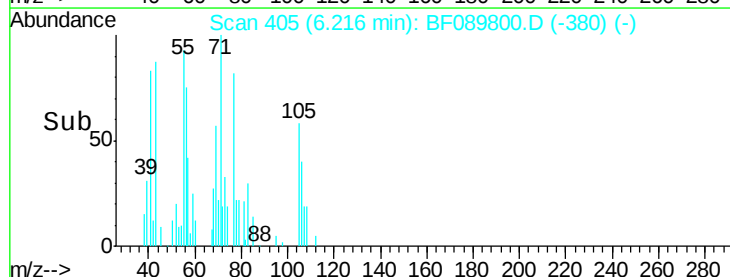
6.15

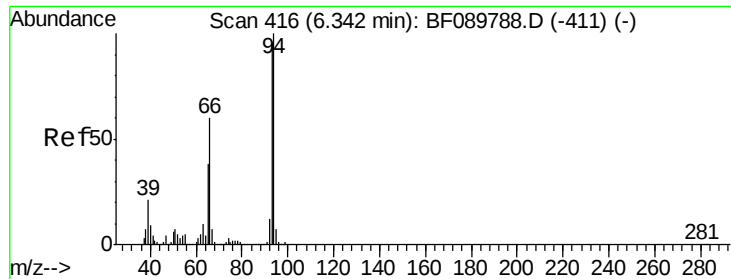
6.20

6.25

6.30

Time-->





#10

Phenol

Concen: 0.04 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089800.D

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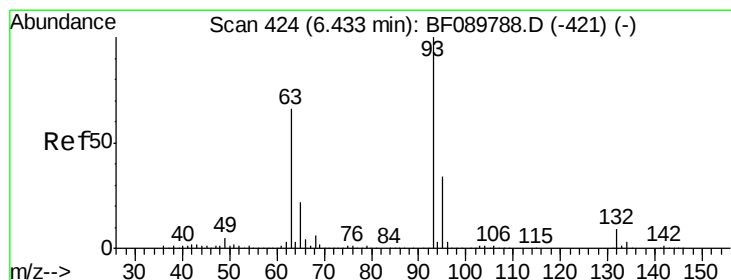
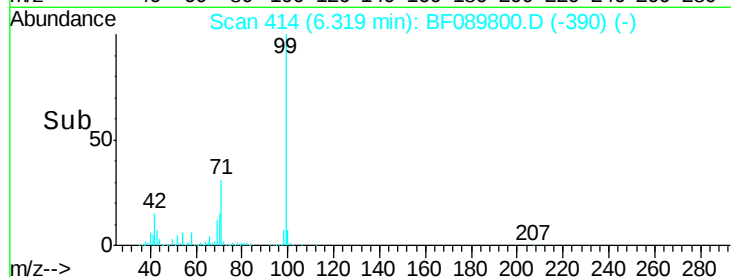
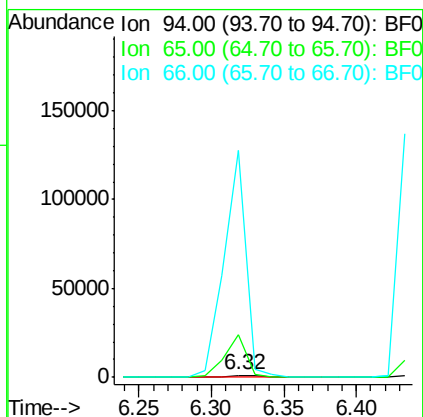
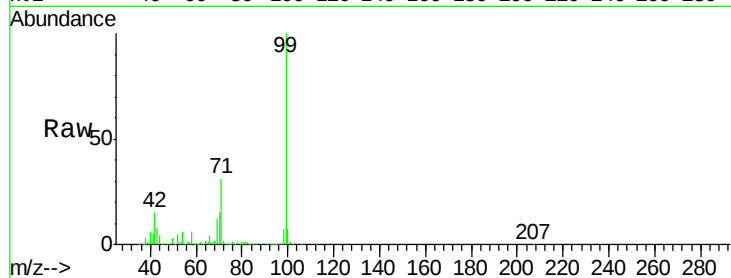
Tgt Ion: 94 Resp: 1942

Ion Ratio Lower Upper

94 100

65 2416.1 14.0 54.0#

66 12825.8 31.2 71.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.15 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

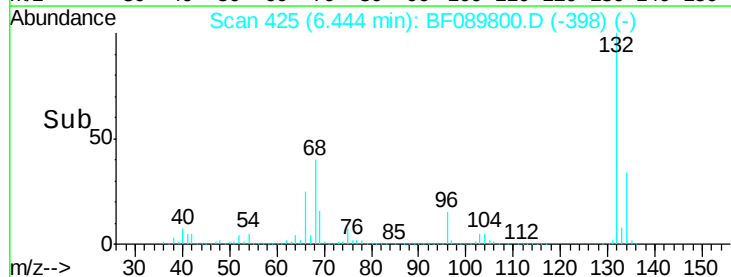
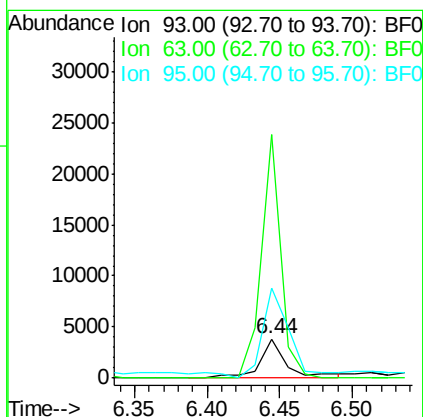
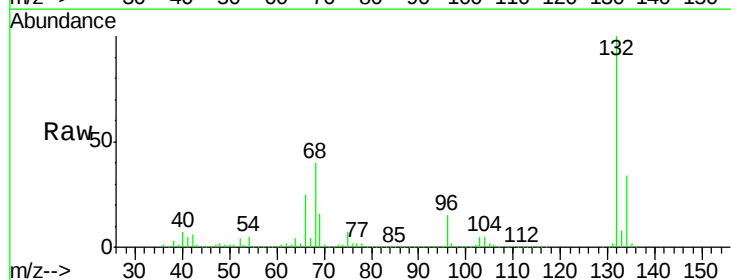
Tgt Ion: 93 Resp: 5045

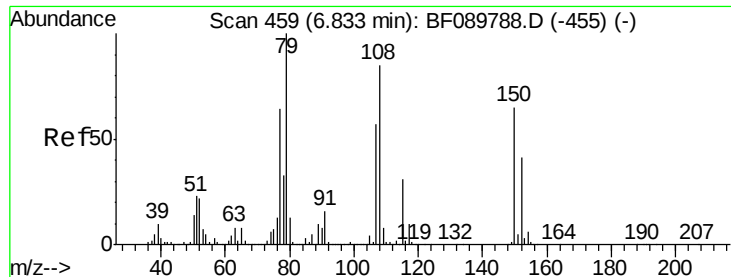
Ion Ratio Lower Upper

93 100

63 623.3 55.8 95.8#

95 229.5 13.0 53.0#





#15

Benzyl Alcohol

Concen: 1.69 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

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Acq: 19 Aug 2016 17:22

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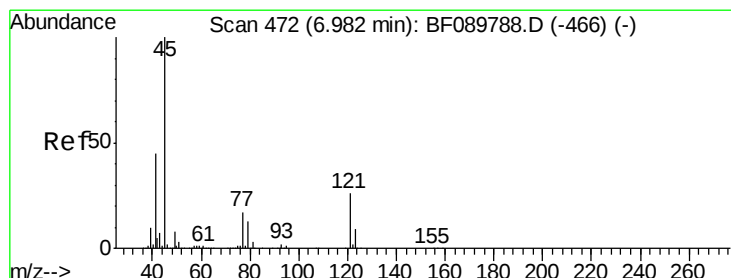
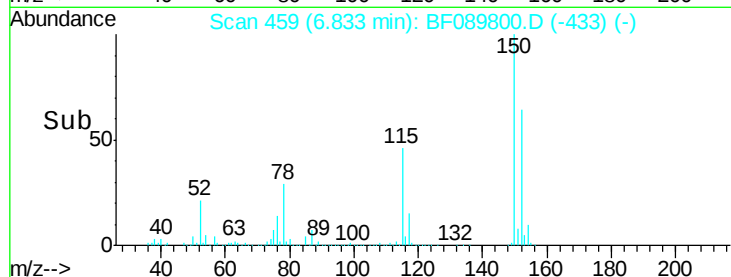
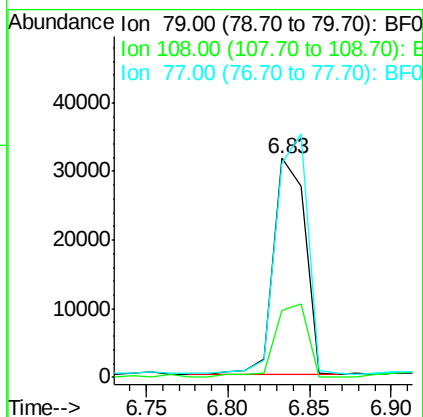
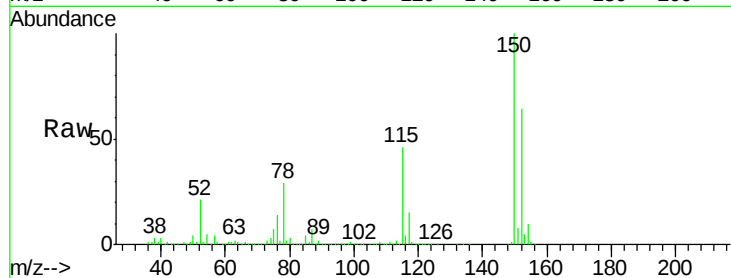
Tgt Ion: 79 Resp: 42778

Ion Ratio Lower Upper

79 100

108 30.7 62.5 93.7#

77 97.9 51.5 77.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

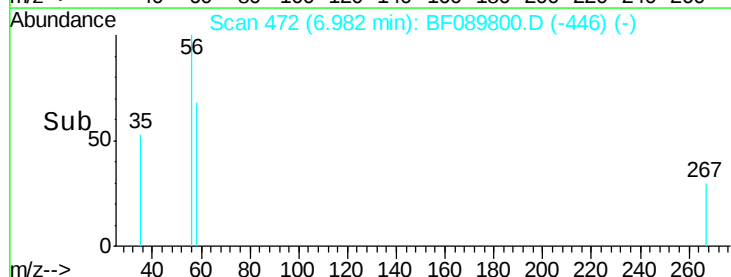
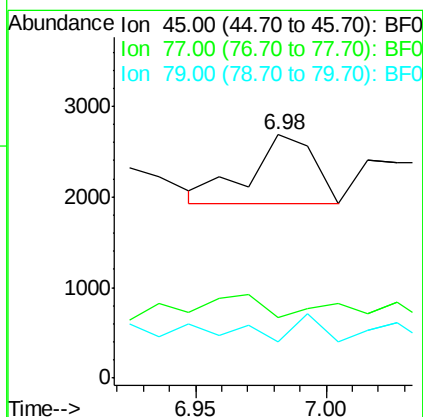
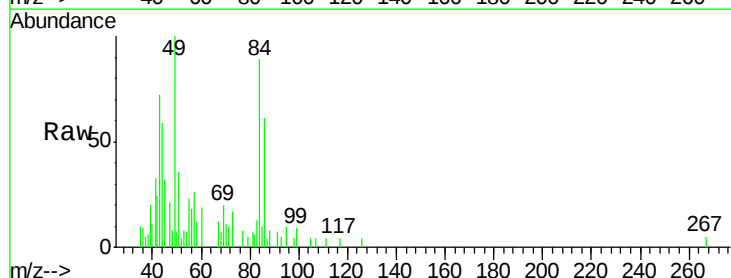
Tgt Ion: 45 Resp: 1282

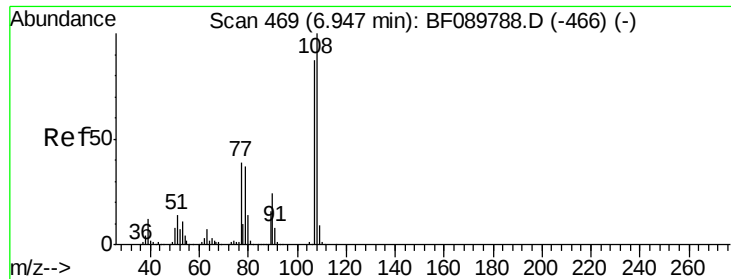
Ion Ratio Lower Upper

45 100

77 24.6 0.0 33.5

79 15.0 0.0 30.7

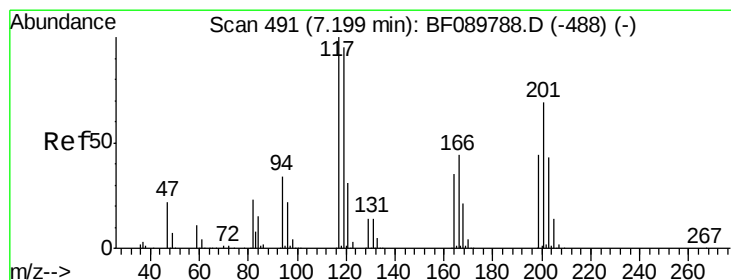
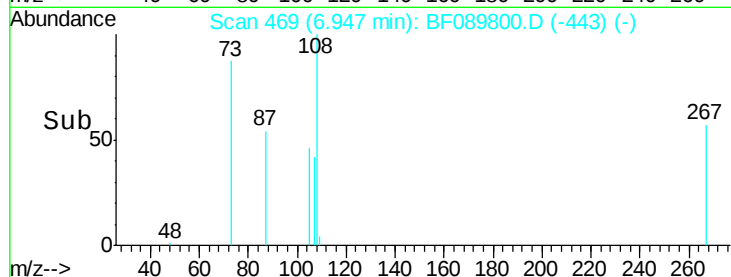
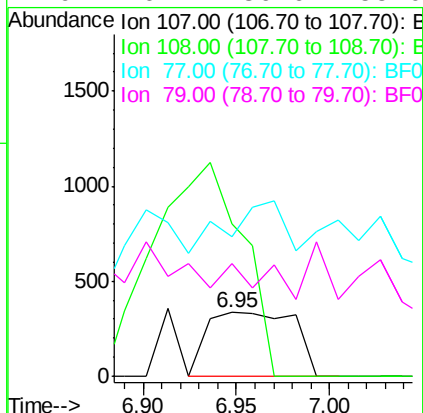
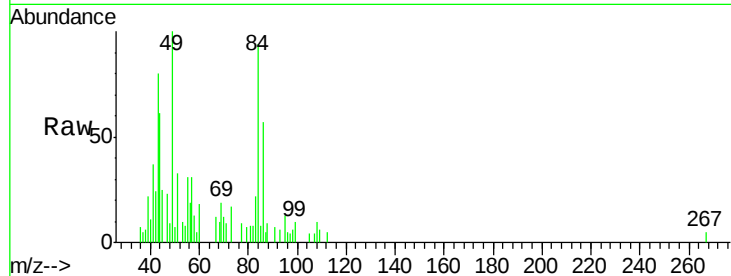




#17
2-Methylphenol
Concen: 0.04 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

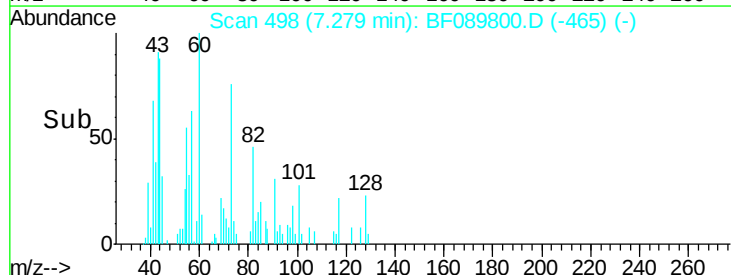
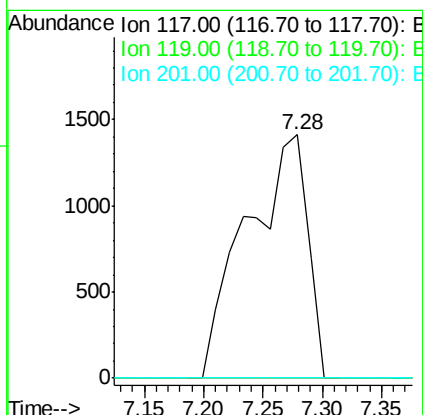
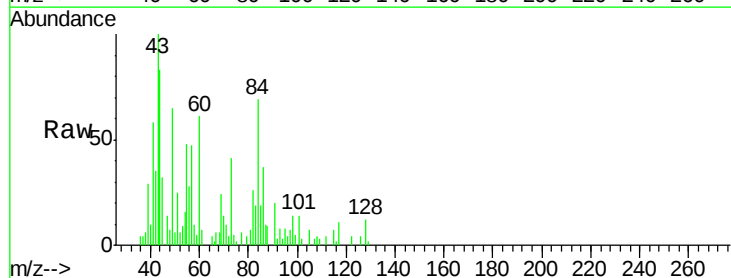
Instrument :
BNA_F
ClientSampleId :
PB93006BL

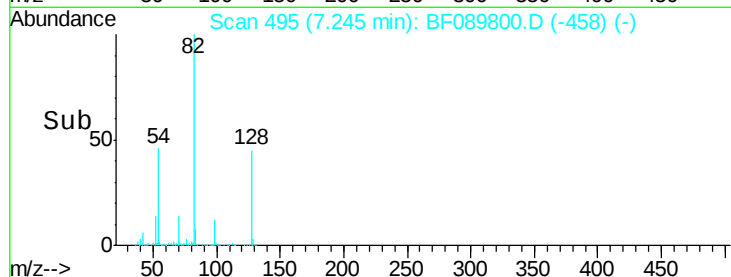
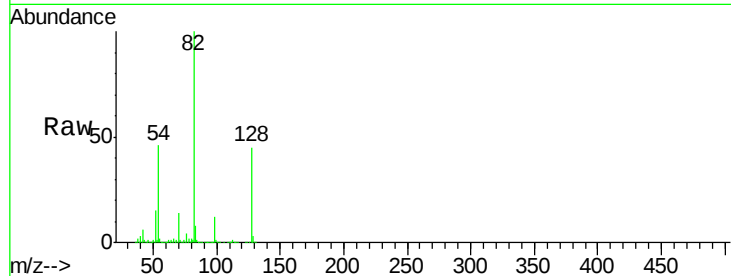
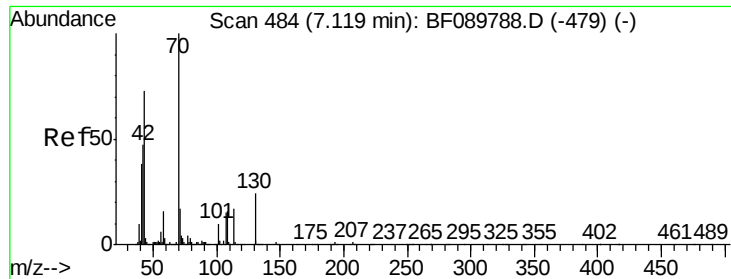
Tgt Ion	Ratio	Lower	Upper
107	100		
108	238.1	91.0	136.4#
77	217.6	37.4	56.0#
79	176.2	36.6	55.0#



#18
Hexachloroethane
Concen: 0.35 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.08 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

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

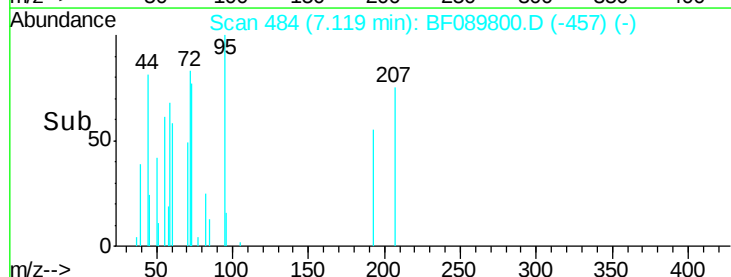
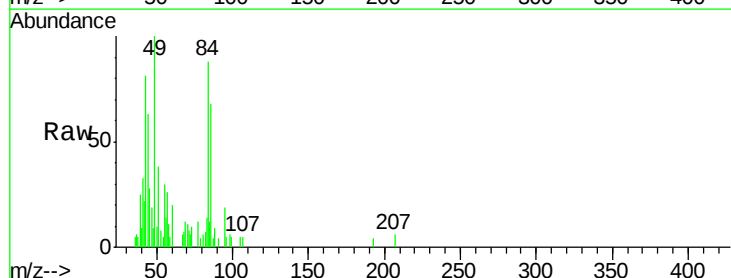
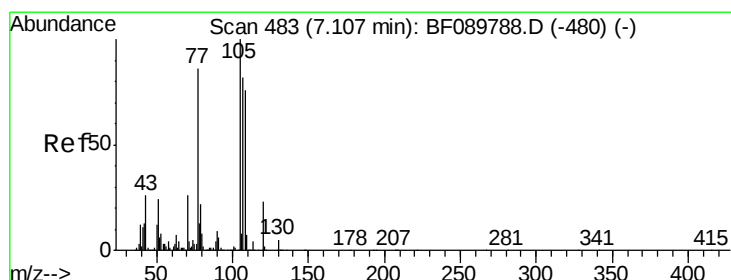
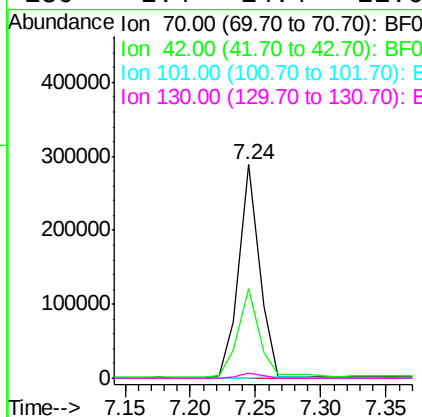




#19
n-Nitroso-di-n-propylamine
Concen: 13.21 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.13 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

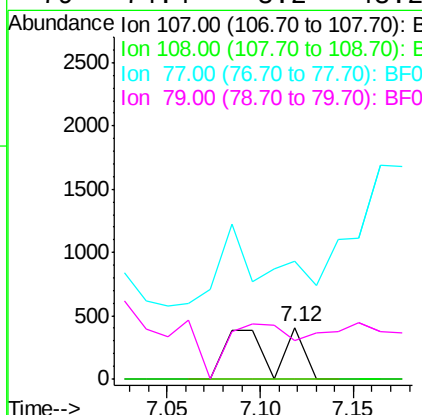
Instrument :
BNA_F
ClientSampleId :
PB93006BL

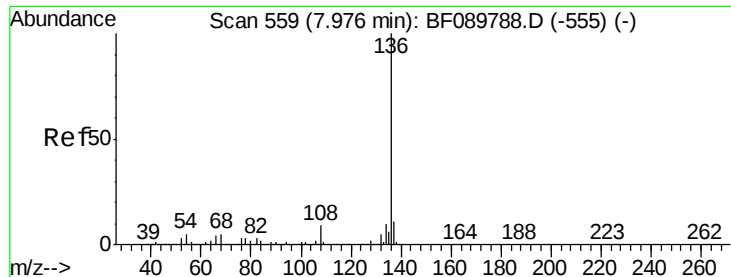
Tgt Ion:	70	Resp:	322113
Ion	Ratio	Lower	Upper
70	100		
42	42.0	46.3	69.5#
101	0.2	7.0	10.6#
130	2.4	14.4	21.6#



#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion:	107	Resp:	802
Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	228.7	122.3	162.3#
79	74.4	8.2	48.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

Tgt Ion:136 Resp: 1971042

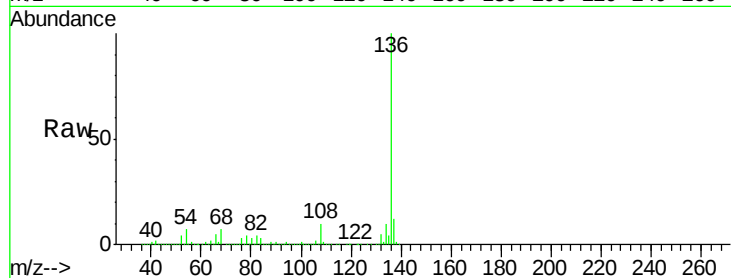
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 7.4 7.2 10.8

68 6.6 5.8 8.8

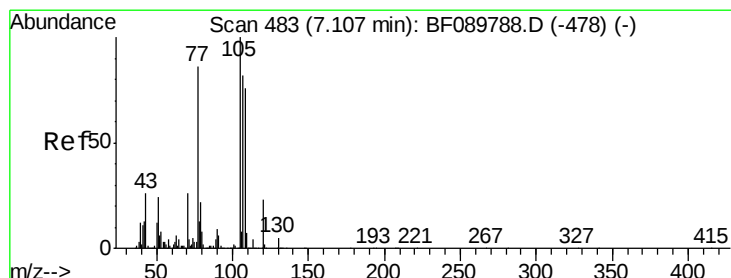
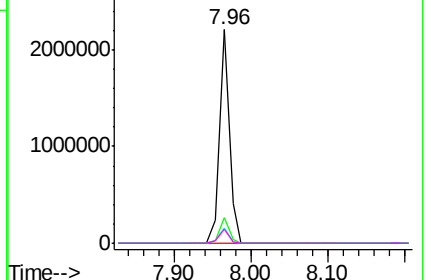
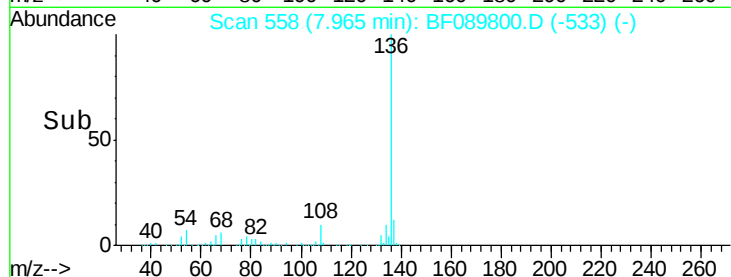


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.02 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Tgt Ion:105 Resp: 954

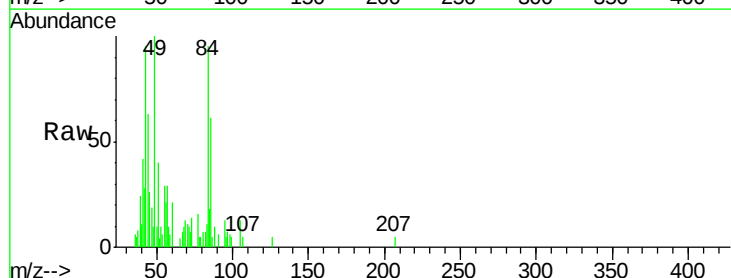
Ion Ratio Lower Upper

105 100

71 77.1 1.9 2.9#

51 316.0 28.5 42.7#

120 0.0 16.6 25.0#

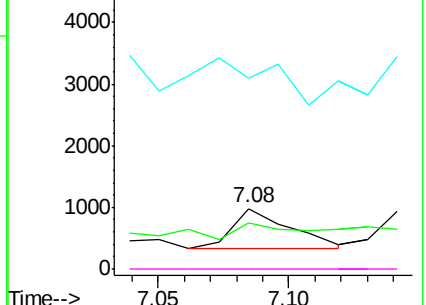
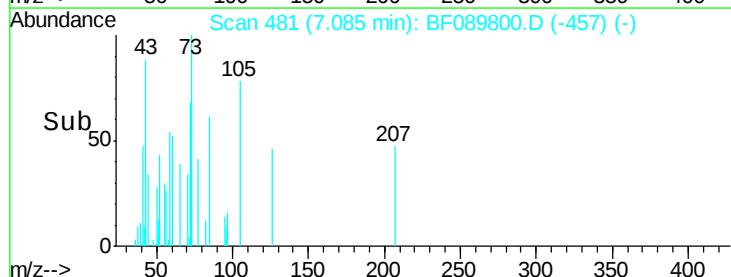


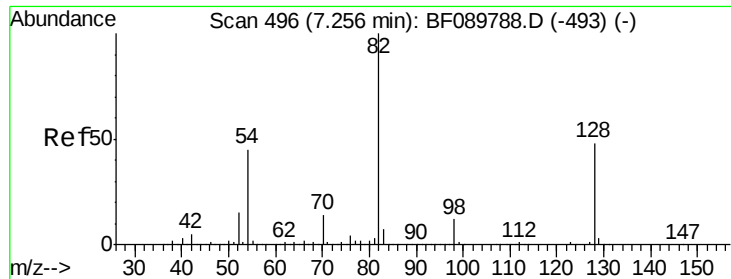
Abundance Ion 105.00 (104.70 to 105.70): E

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

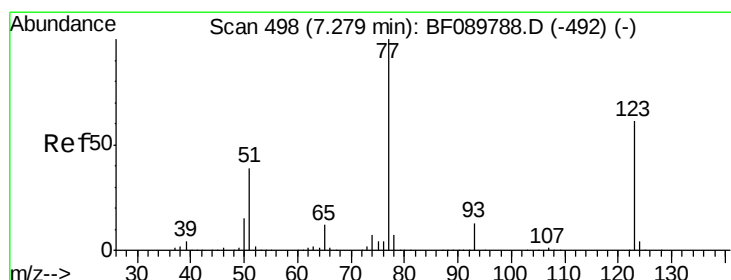
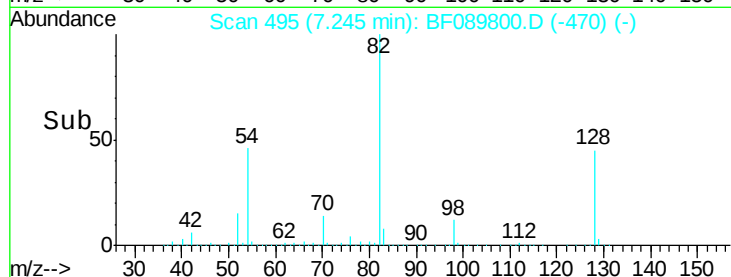
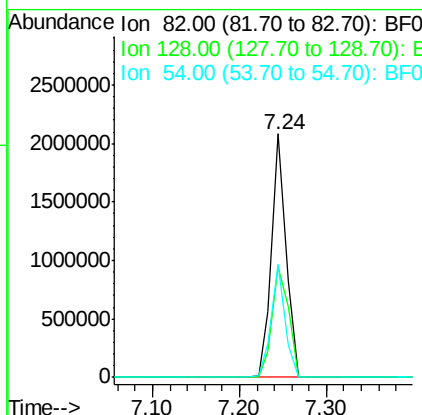
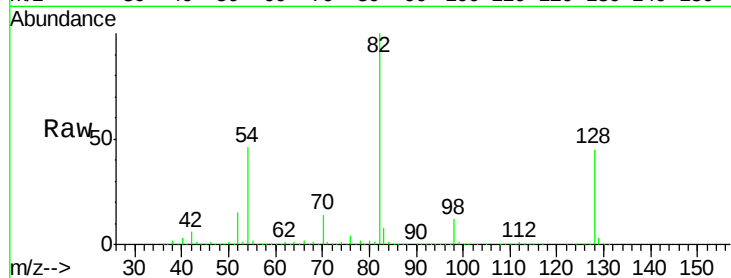




#23
Nitrobenzene-d5
Concen: 75.71 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

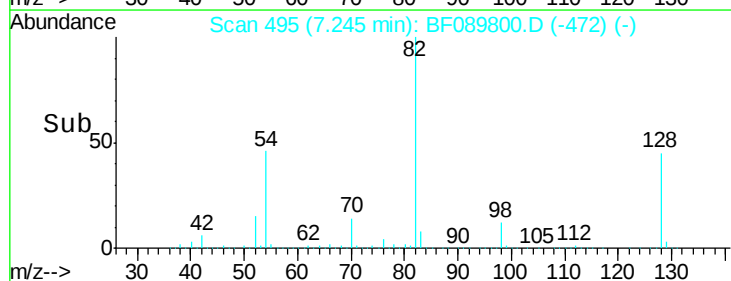
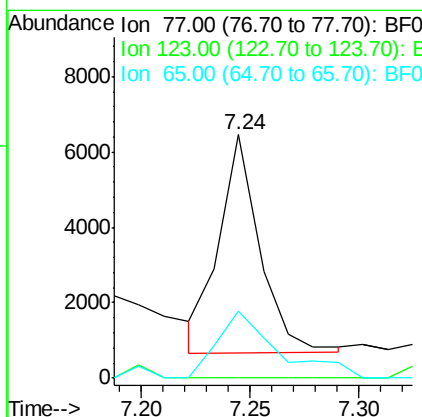
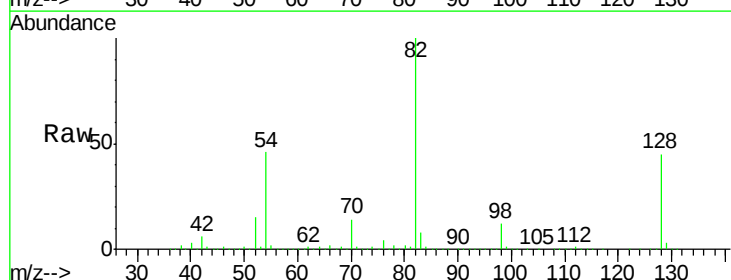
Instrument :
BNA_F
ClientSampled :
PB93006BL

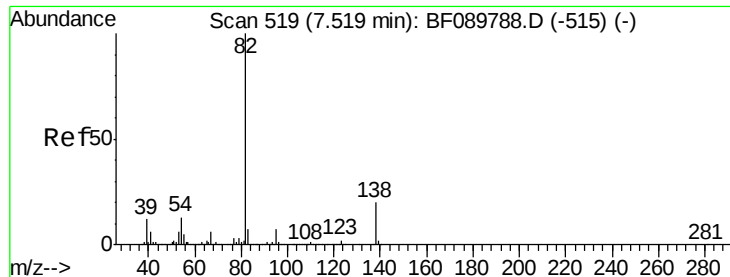
Tgt Ion: 82 Resp: 2402151
Ion Ratio Lower Upper
82 100
128 45.3 34.4 51.6
54 46.4 40.3 60.5



#24
Nitrobenzene
Concen: 0.21 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion: 77 Resp: 7547
Ion Ratio Lower Upper
77 100
123 0.0 36.2 54.2#
65 27.7 10.6 15.8#





#25

Isophorone

Concen: 31.26 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.27 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

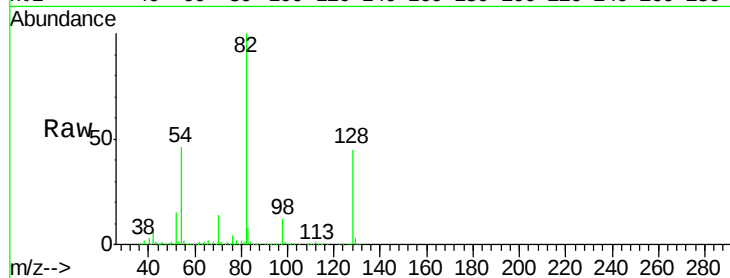
Tgt Ion: 82 Resp: 2000348

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

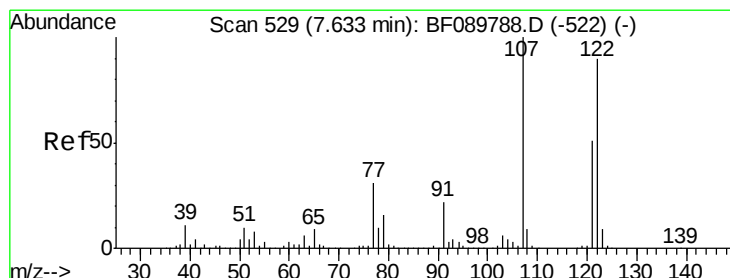
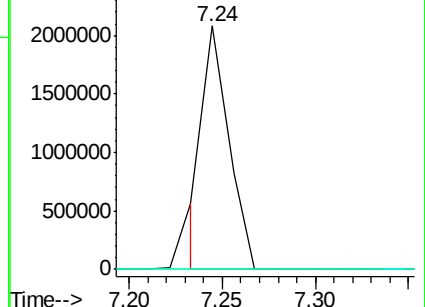
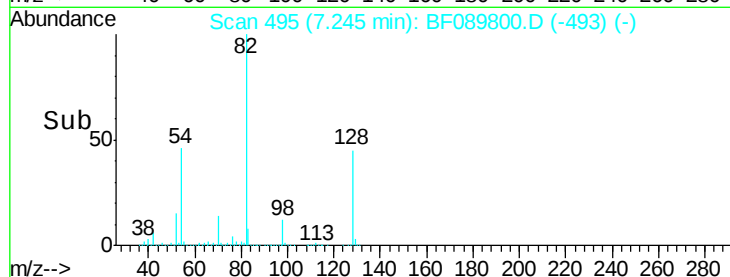
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF089800.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BF089800.D (-495) (-)

Ion 138.00 (137.70 to 138.70): BF089800.D (-495) (-)



#27

2,4-Dimethylphenol

Concen: 0.05 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

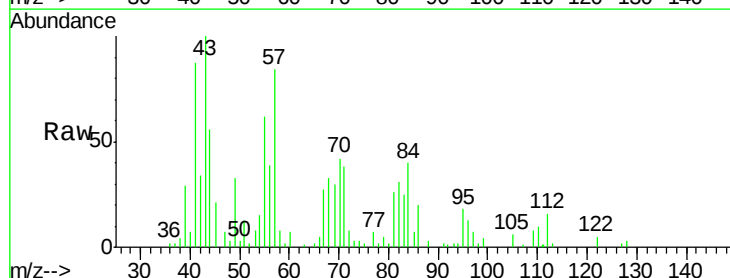
Tgt Ion: 122 Resp: 1618

Ion Ratio Lower Upper

122 100

107 25.8 84.8 127.2#

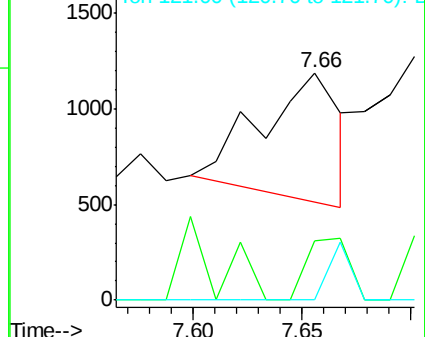
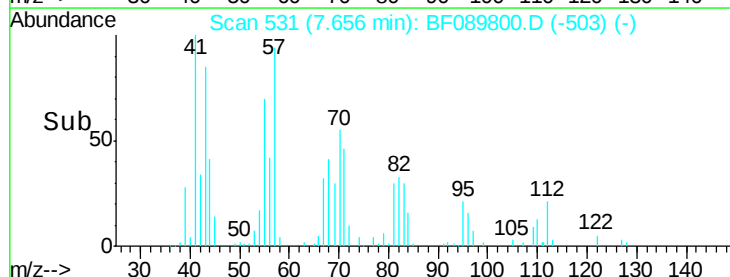
121 0.0 47.0 70.6#

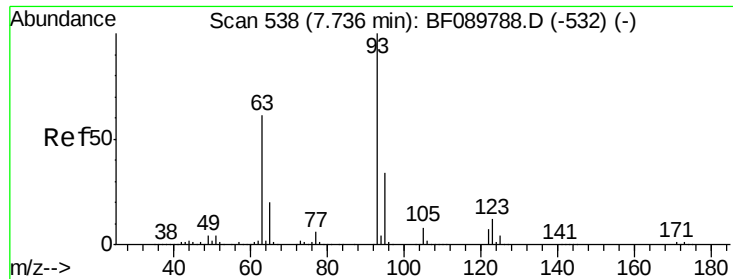


Abundance Ion 122.00 (121.70 to 122.70): BF089800.D (-531) (-)

Ion 107.00 (106.70 to 107.70): BF089800.D (-531) (-)

Ion 121.00 (120.70 to 121.70): BF089800.D (-531) (-)

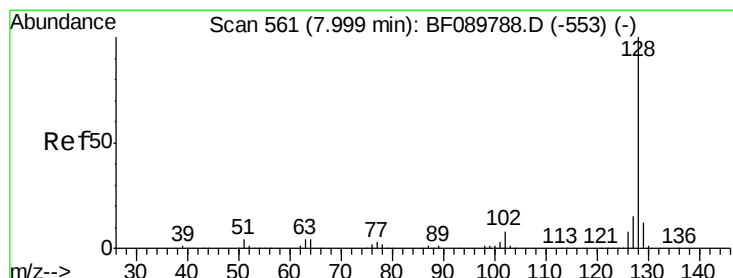
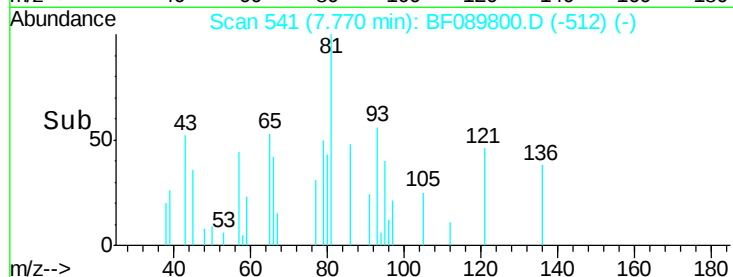
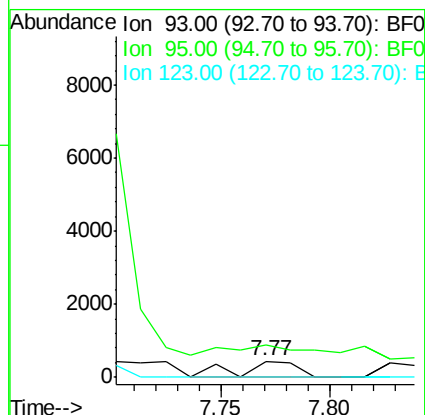
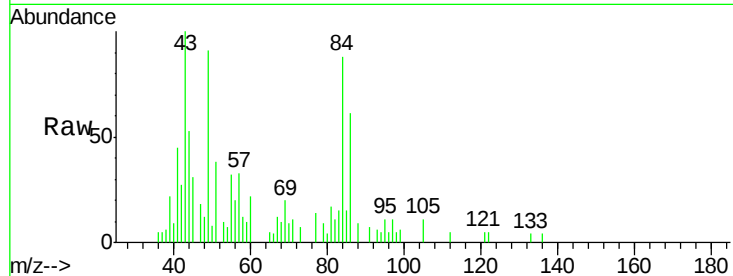




#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.03 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

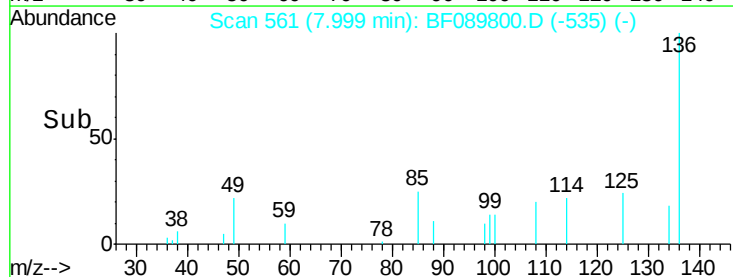
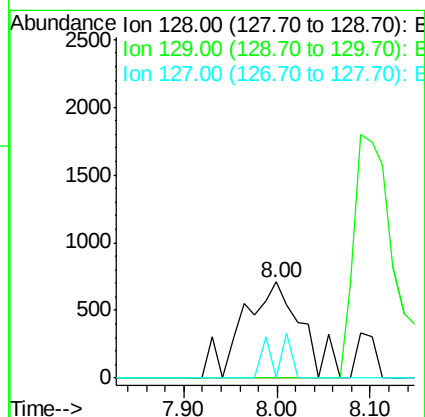
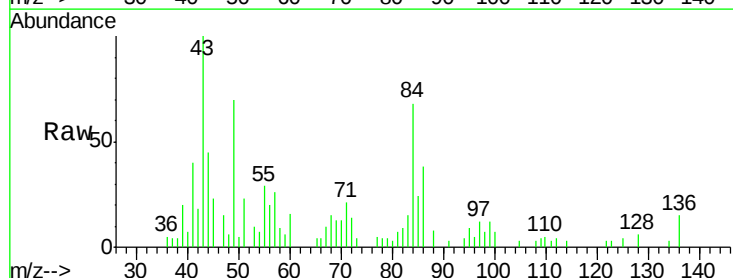
Instrument :
BNA_F
ClientSampleId :
PB93006BL

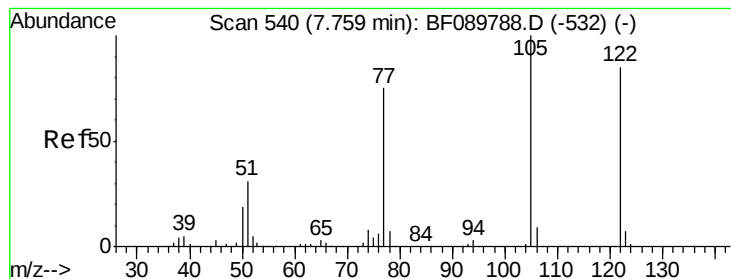
Tgt Ion: 93 Resp: 827
Ion Ratio Lower Upper
93 100
95 200.2 25.5 38.3#
123 0.0 8.5 12.7#



#31
Naphthalene
Concen: 0.03 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion: 128 Resp: 3143
Ion Ratio Lower Upper
128 100
129 0.0 9.5 14.3#
127 0.0 11.3 16.9#





#32

Benzoic acid

Concen: 0.27 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.04 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

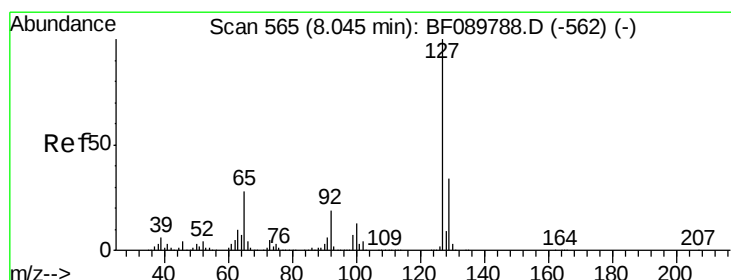
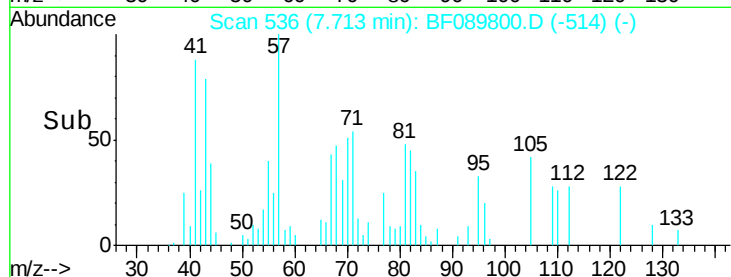
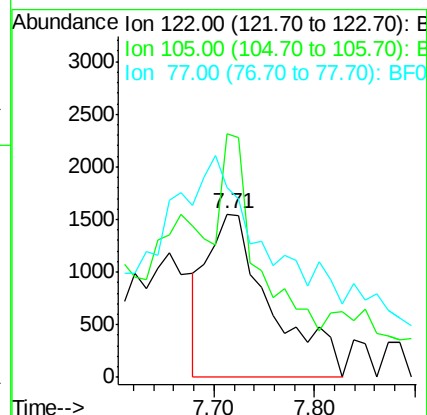
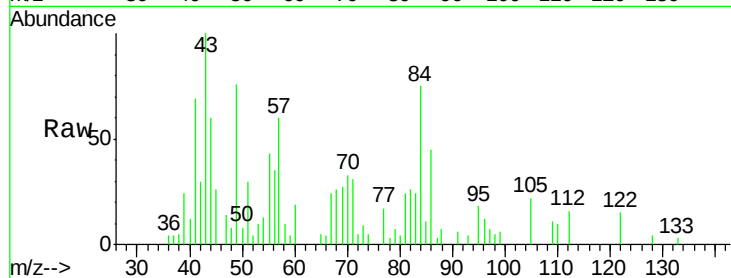
Tgt Ion:122 Resp: 6809

Ion Ratio Lower Upper

122 100

105 149.2 100.8 140.8#

77 116.4 72.1 112.1#



#33

4-Chloroaniline

Concen: 0.01 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Tgt Ion:127 Resp: 440

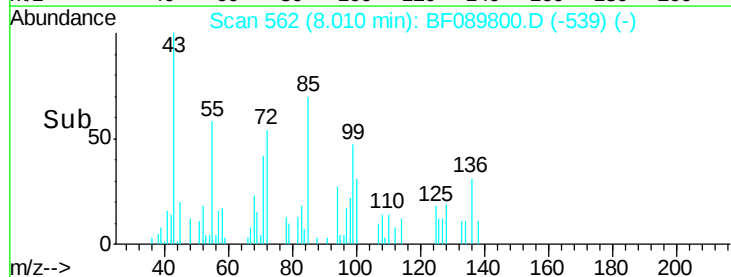
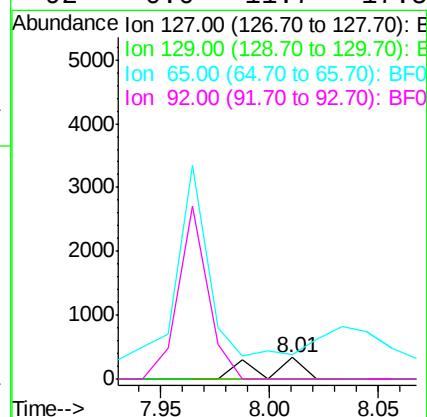
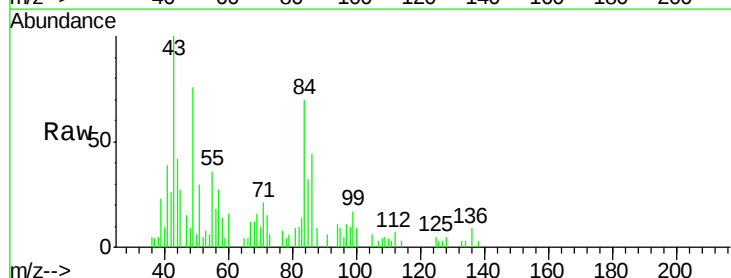
Ion Ratio Lower Upper

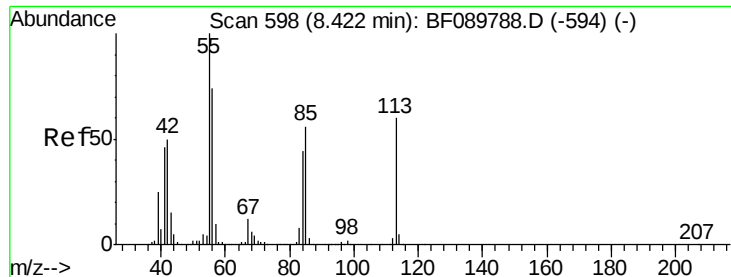
127 100

129 0.0 27.0 40.6#

65 112.1 14.7 22.1#

92 0.0 11.7 17.5#

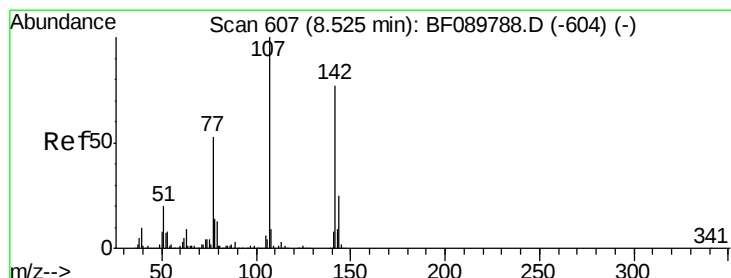
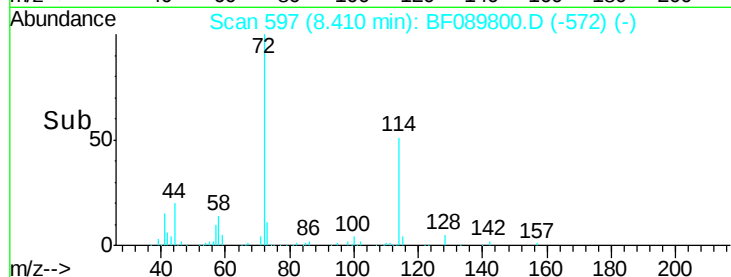
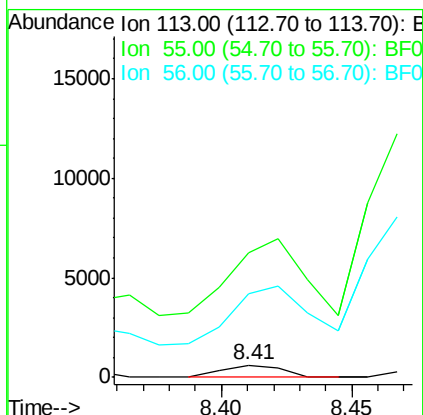
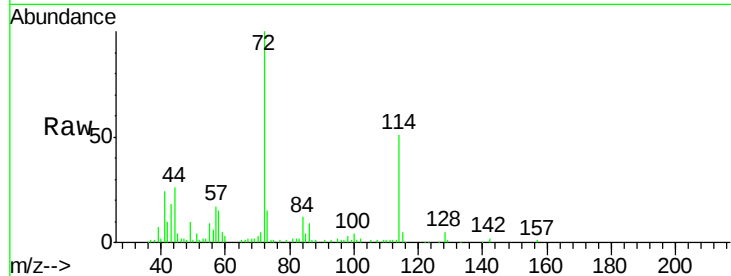




#35
 Caprolactam
 Concen: 0.12 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

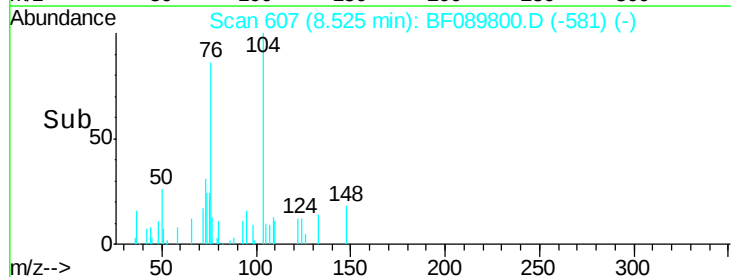
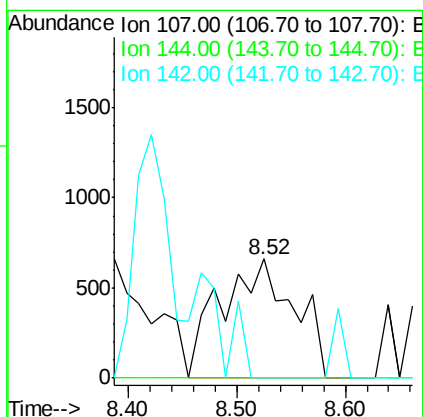
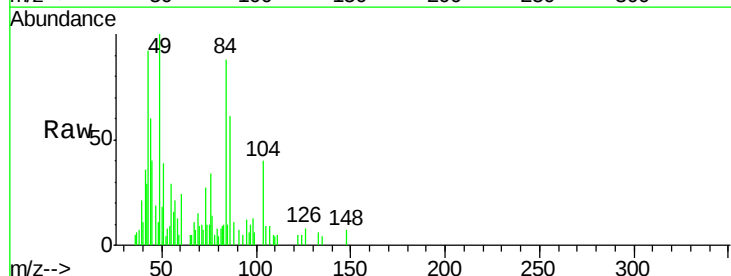
Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

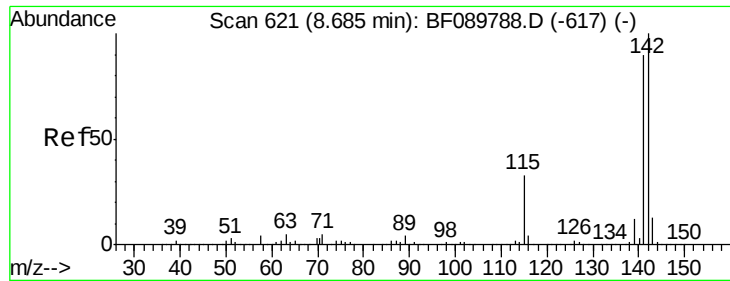
Tgt Ion:113 Resp: 989
 Ion Ratio Lower Upper
 113 100
 55 1006.6 135.9 175.9#
 56 681.5 93.9 133.9#



#36
 4-Chloro-3-methylphenol
 Concen: 0.11 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion:107 Resp: 3091
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.6 34.0#
 142 0.0 69.3 103.9#

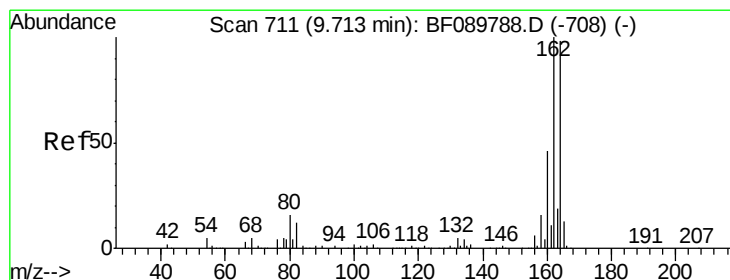
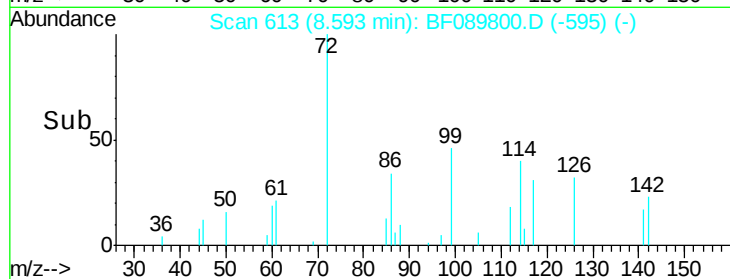
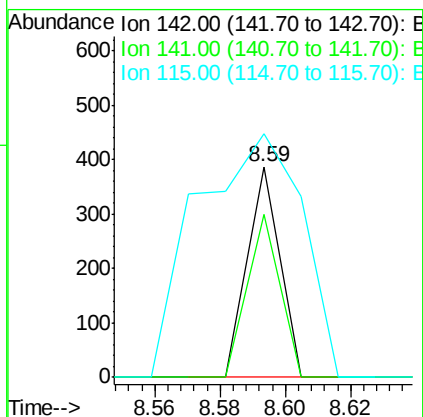
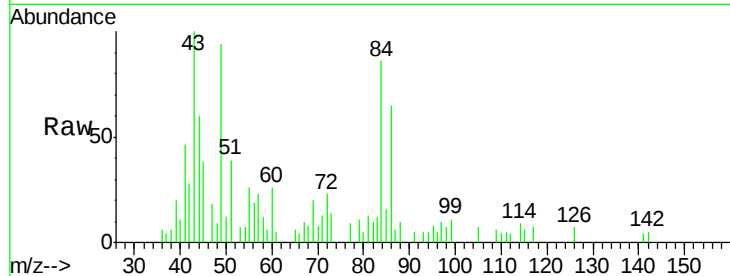




#37
2-Methylnaphthalene
Concen: 0.00 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.09 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

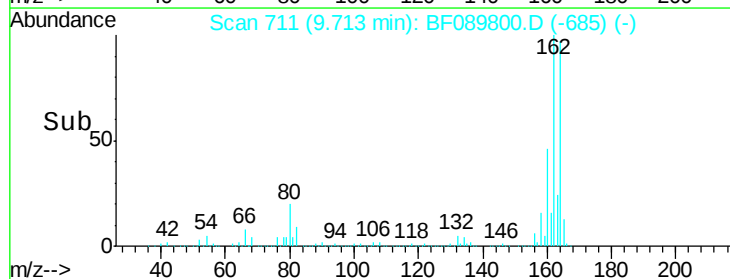
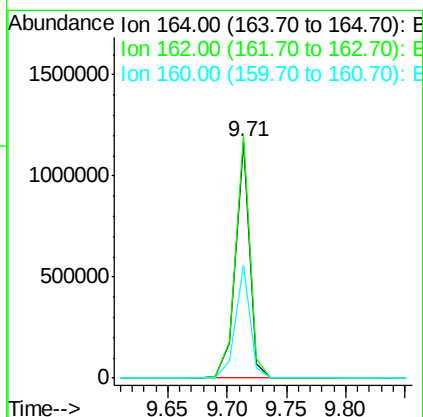
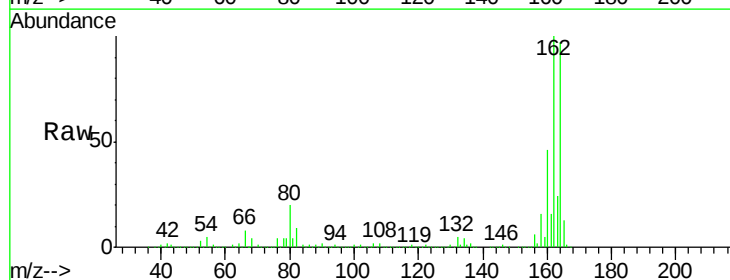
Instrument :
BNA_F
ClientSampleId :
PB93006BL

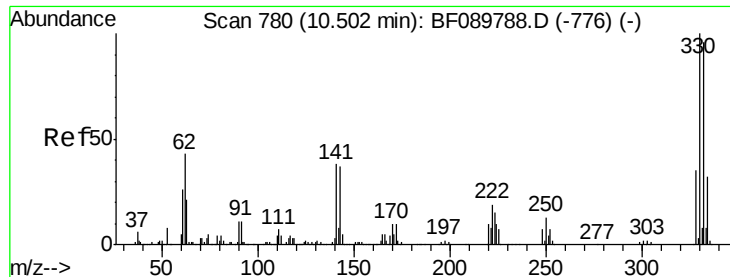
Tgt Ion:142 Resp: 265
Ion Ratio Lower Upper
142 100
141 77.5 71.4 107.2
115 115.5 22.7 34.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion:164 Resp: 979130
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.2
160 47.8 37.8 56.6

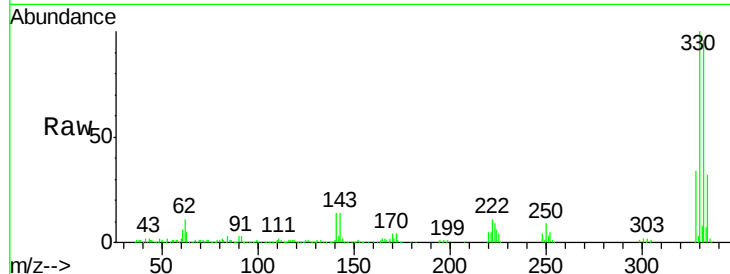




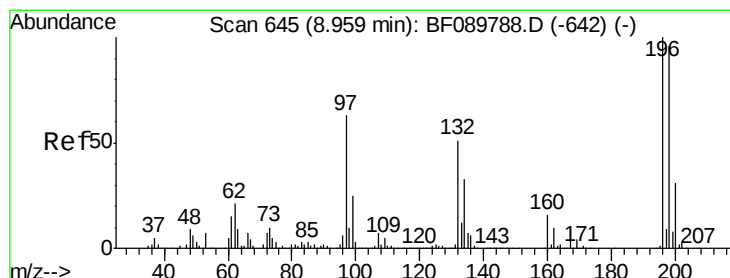
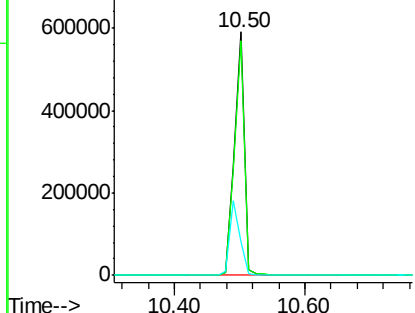
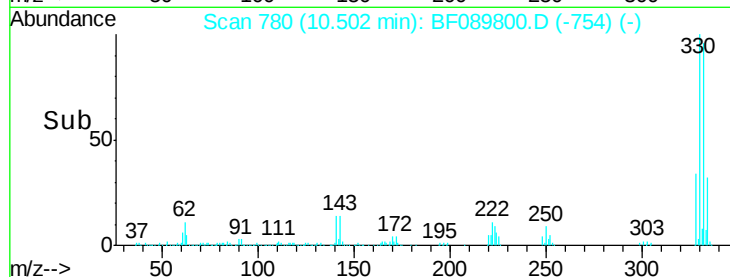
#41
 2,4,6-Tribromophenol
 Concen: 65.94 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

Tgt Ion:330 Resp: 613595
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.7 115.1
 141 32.2 30.2 45.2

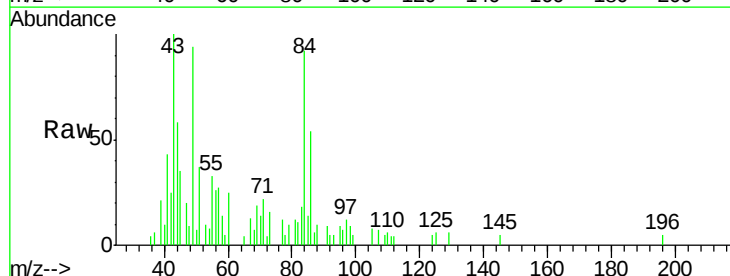


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

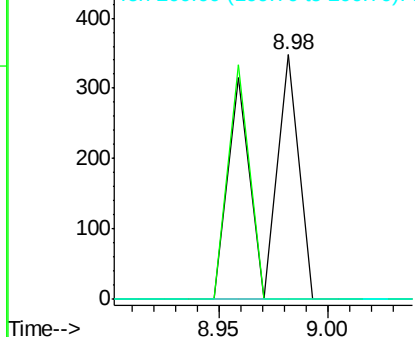
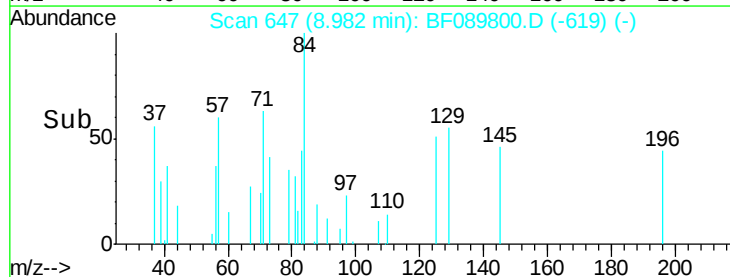


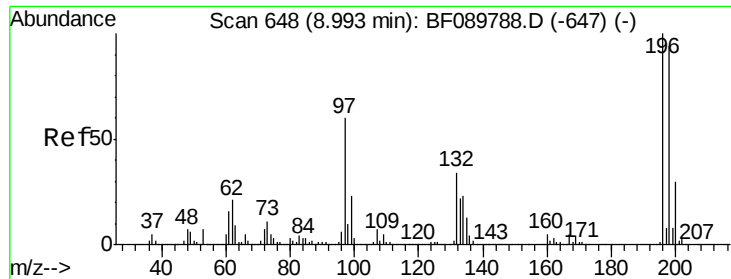
#42
 2,4,6-Trichlorophenol
 Concen: 0.02 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.02 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion:196 Resp: 455
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 24.6 36.8#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

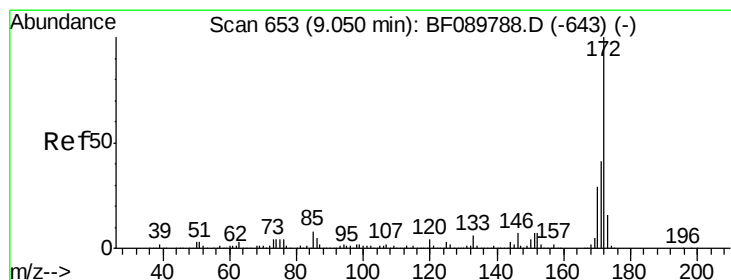
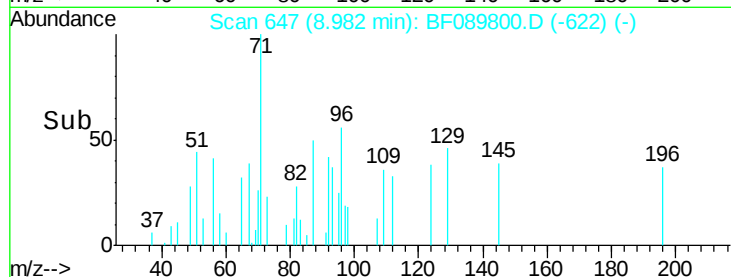
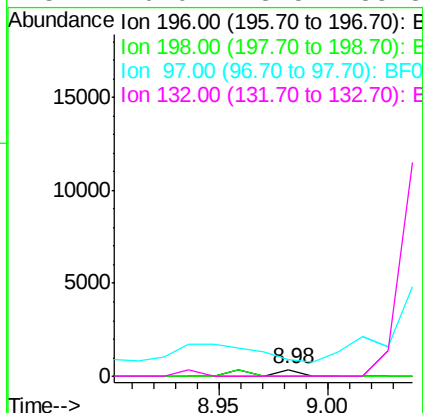
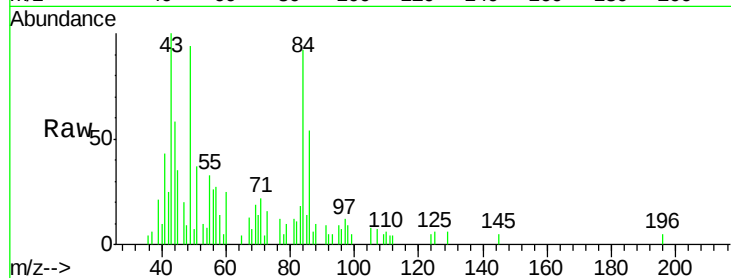




#43
 2,4,5-Trichlorophenol
 Concen: 0.02 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

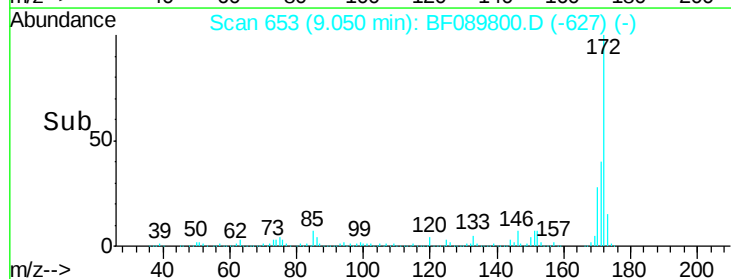
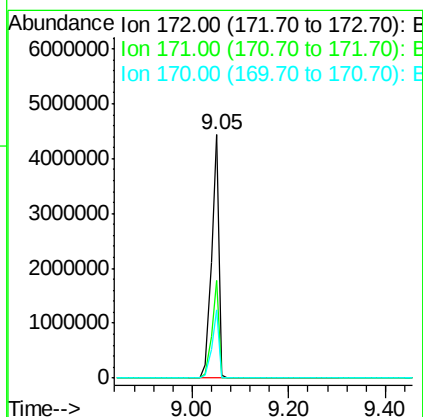
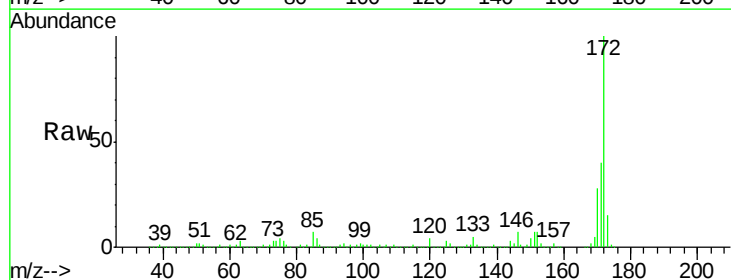
Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

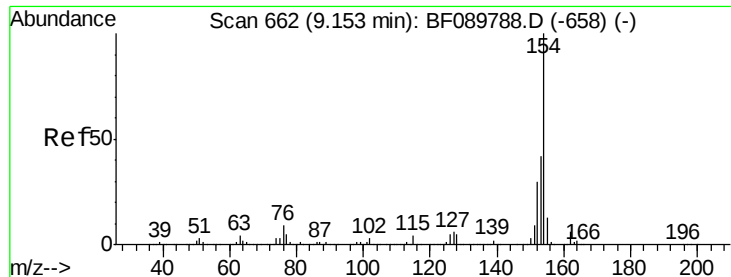
Tgt Ion:196 Resp: 455
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 114.8#
 97 260.9 35.8 53.8#
 132 0.0 23.5 35.3#



#44
 2-Fluorobiphenyl
 Concen: 84.74 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion:172 Resp: 4721094
 Ion Ratio Lower Upper
 172 100
 171 40.2 30.5 45.7
 170 28.1 20.6 31.0





#45

1,1'-Biphenyl

Concen: 0.13 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.10 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

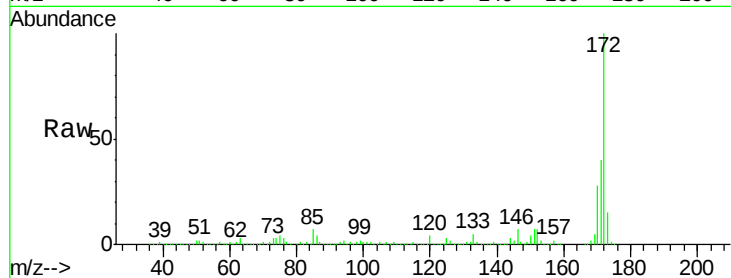
Tgt Ion:154 Resp: 9787

Ion Ratio Lower Upper

154 100

153 1051.7 21.5 61.5#

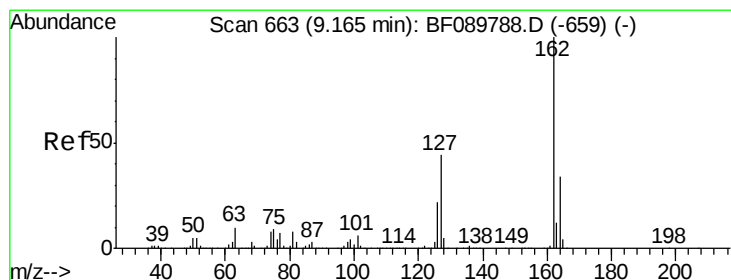
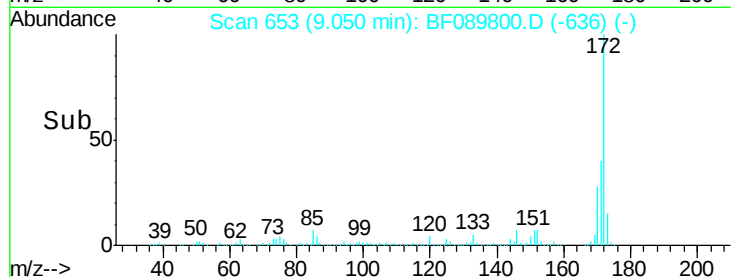
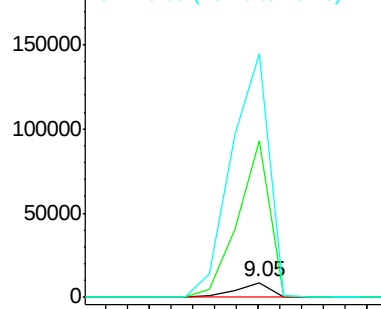
76 1639.2 0.0 36.7#



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



#46

2-Chloronaphthalene

Concen: 0.01 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

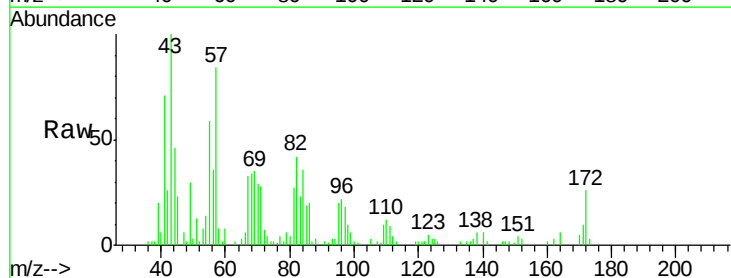
Tgt Ion:162 Resp: 663

Ion Ratio Lower Upper

162 100

127 0.0 35.5 53.3#

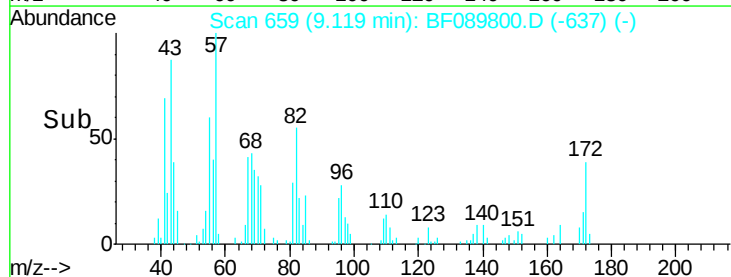
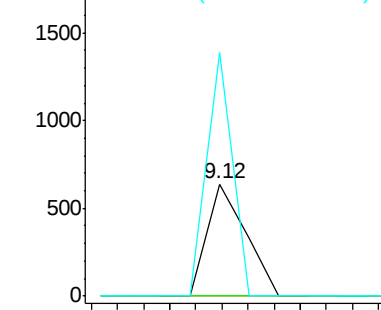
164 217.6 26.6 40.0#

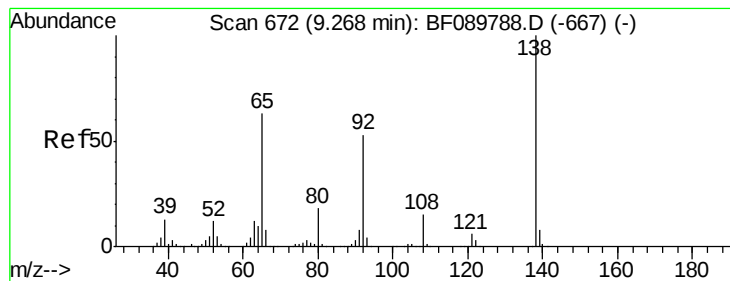


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

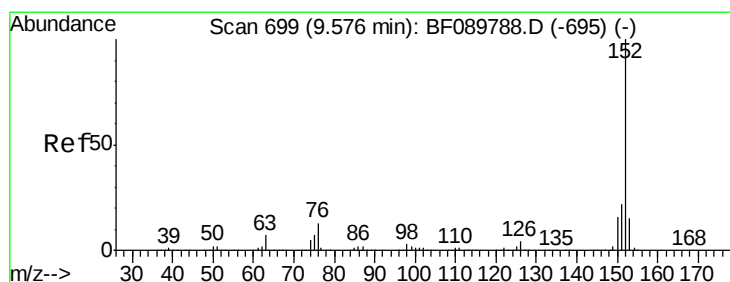
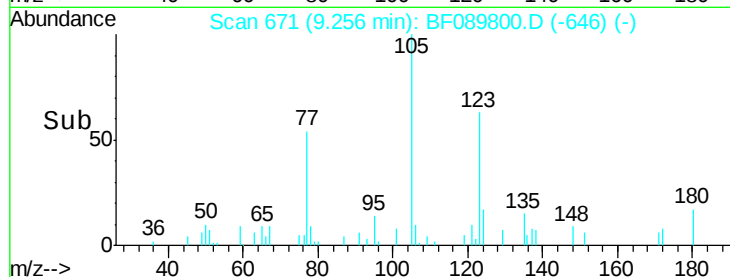
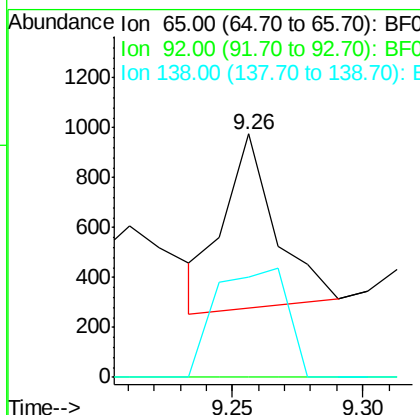
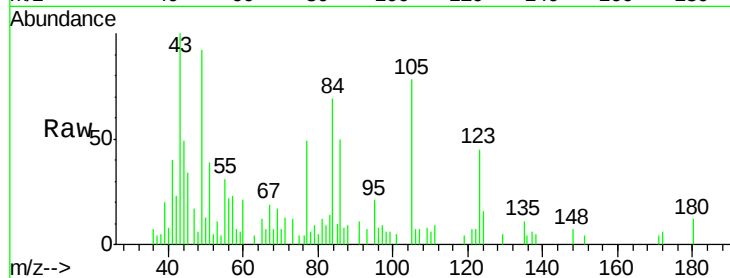




#47
2-Nitroaniline
Concen: 0.06 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

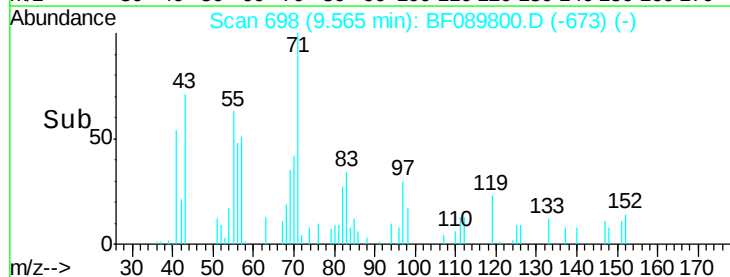
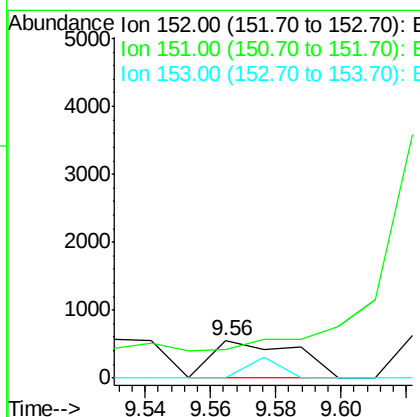
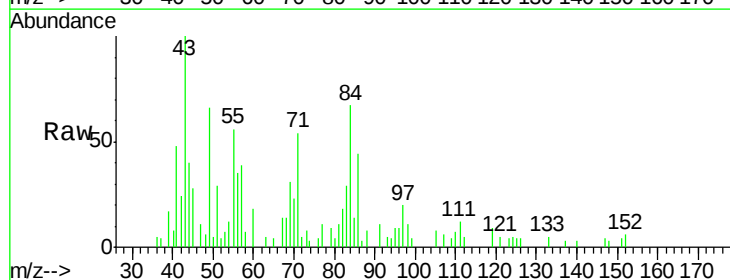
Instrument :
BNA_F
ClientSampled :
PB93006BL

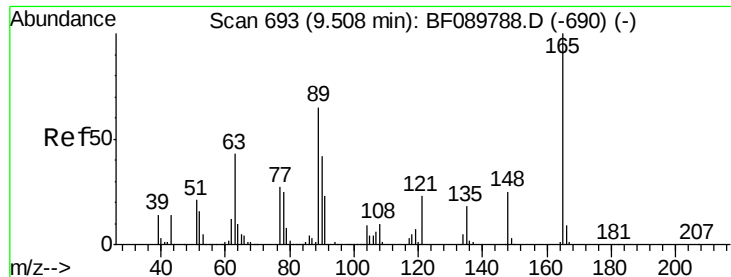
Tgt Ion: 65 Resp: 971
Ion Ratio Lower Upper
65 100
92 0.0 56.3 84.5#
138 41.4 81.8 122.8#



#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion: 152 Resp: 967
Ion Ratio Lower Upper
152 100
151 75.3 17.1 25.7#
153 0.0 11.2 16.8#





#50

2,6-Dinitrotoluene

Concen: 8.11 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.21 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

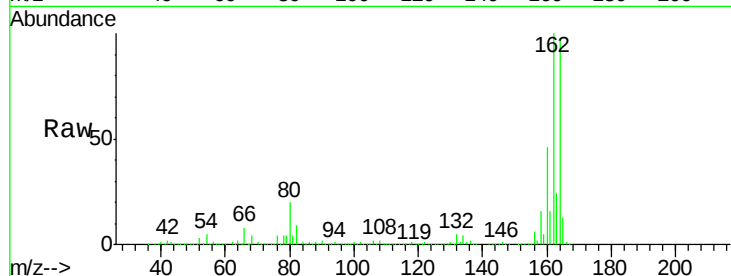
BNA_F

ClientSampleId :

PB93006BL

Tgt Ion:165 Resp: 129104

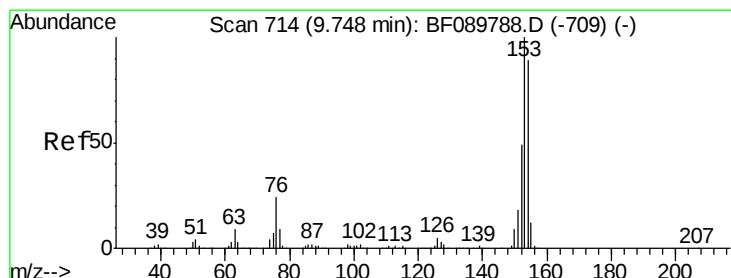
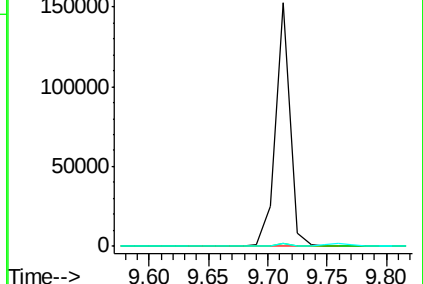
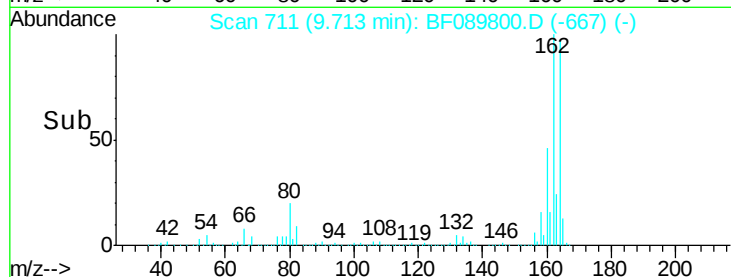
Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.7	62.5#
89	1.3	44.6	67.0#



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: 0.08 ng

RT: 9.71 min Scan# 711

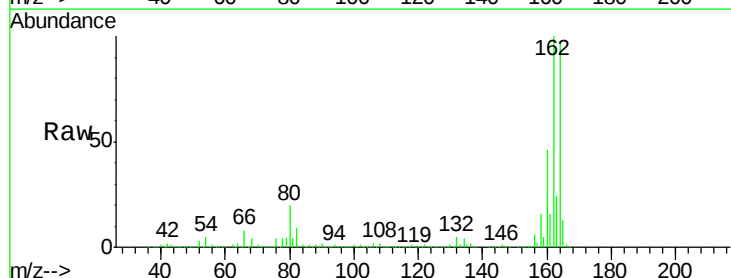
Delta R.T. -0.03 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Tgt Ion:154 Resp: 5017

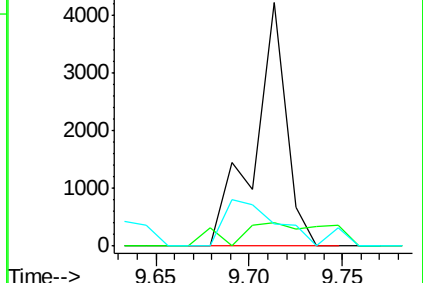
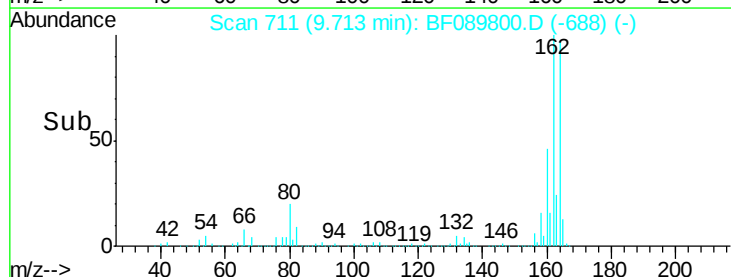
Ion	Ratio	Lower	Upper
154	100		
153	9.7	90.5	135.7#
152	9.3	44.6	67.0#

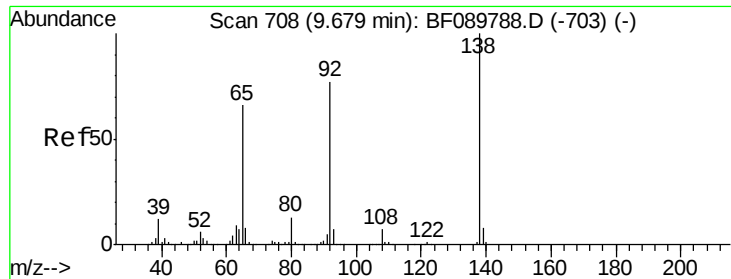


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

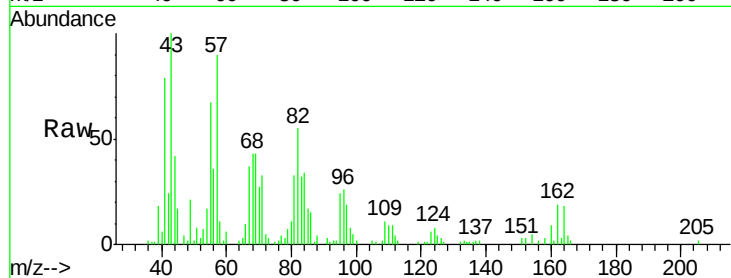




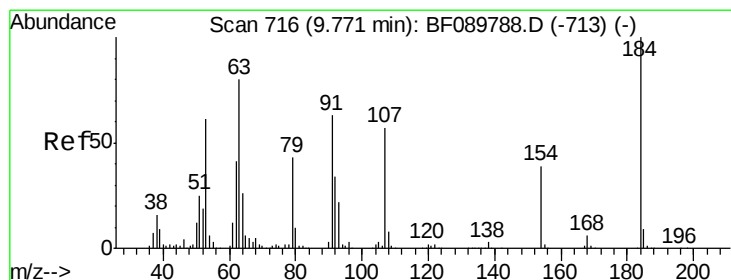
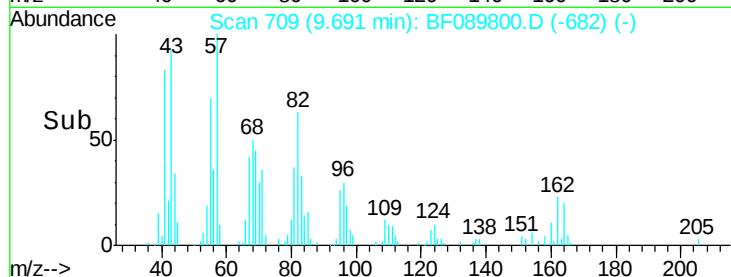
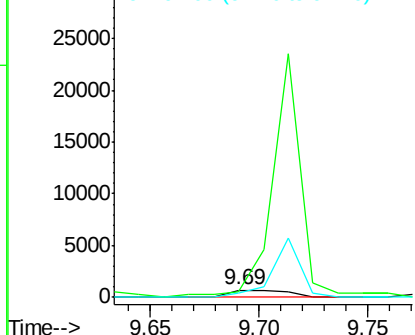
#52
 3-Nitroaniline
 Concen: 0.07 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

Tgt Ion:138 Resp: 1234
 Ion Ratio Lower Upper
 138 100
 108 83.4 8.1 12.1#
 92 55.2 92.7 139.1#

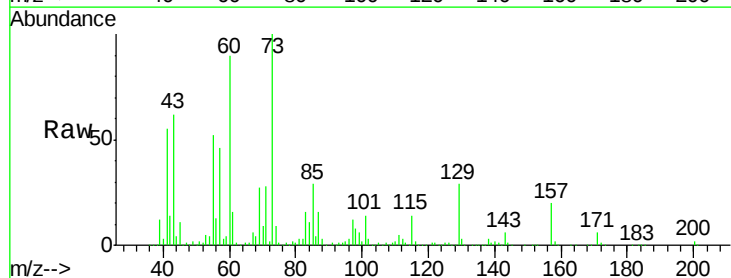


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BFO

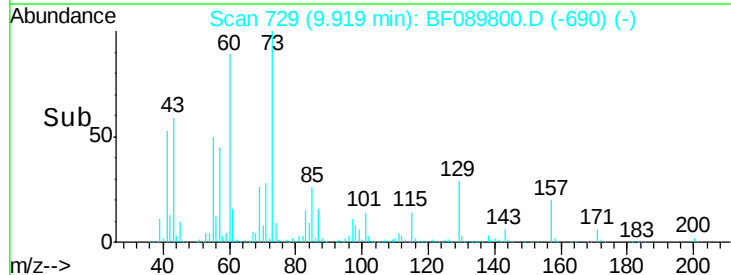
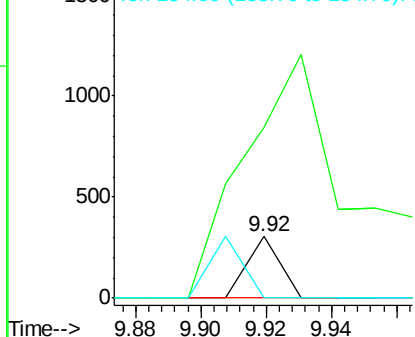


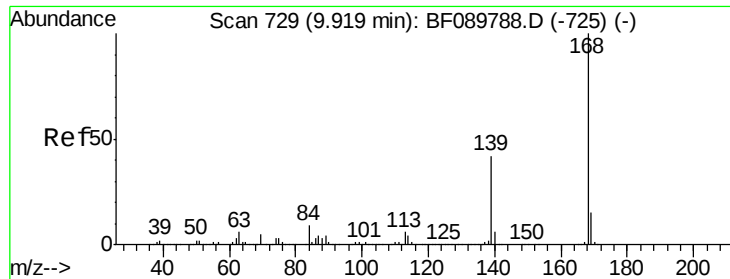
#53
 2,4-Dinitrophenol
 Concen: 2.21 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.15 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion:184 Resp: 209
 Ion Ratio Lower Upper
 184 100
 63 276.7 54.2 81.4#
 154 0.0 52.7 79.1#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BFO
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 0.01 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampled :

PB93006BL

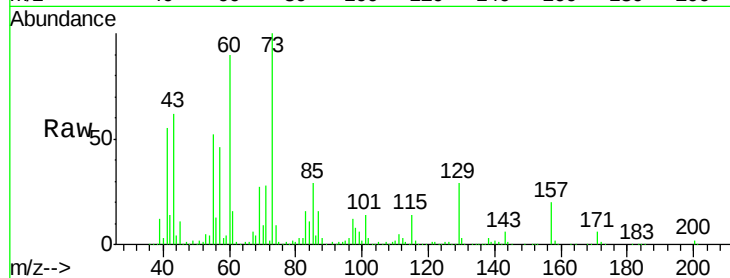
Tgt Ion:168 Resp: 754

Ion Ratio Lower Upper

168 100

139 354.5 34.6 52.0#

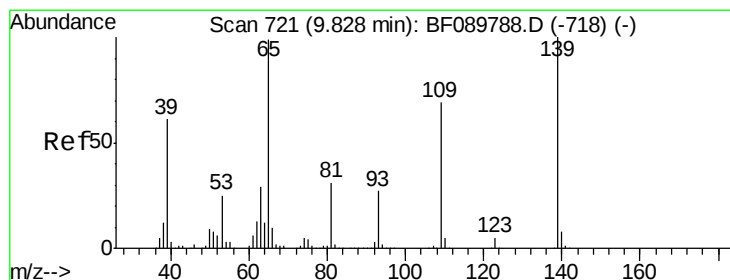
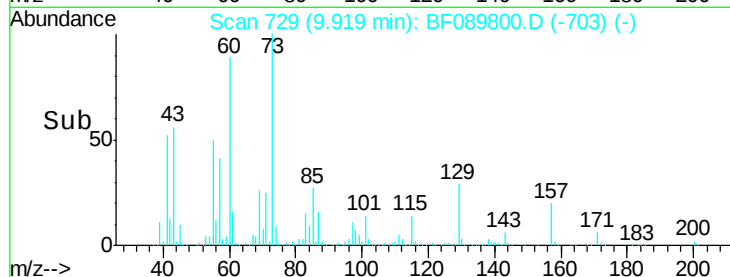
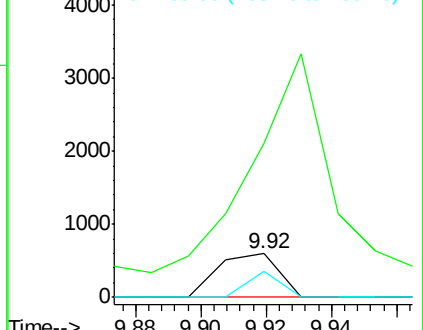
169 59.0 11.5 17.3#



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: 0.03 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

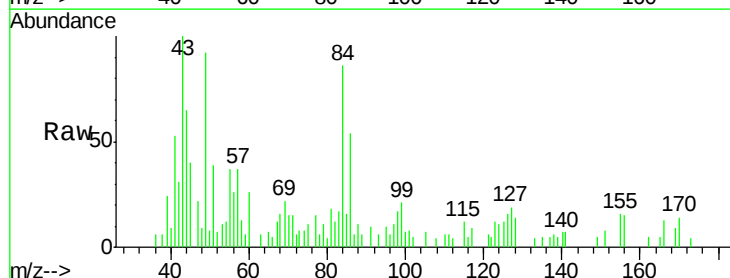
Tgt Ion:139 Resp: 456

Ion Ratio Lower Upper

139 100

109 0.0 43.0 83.0#

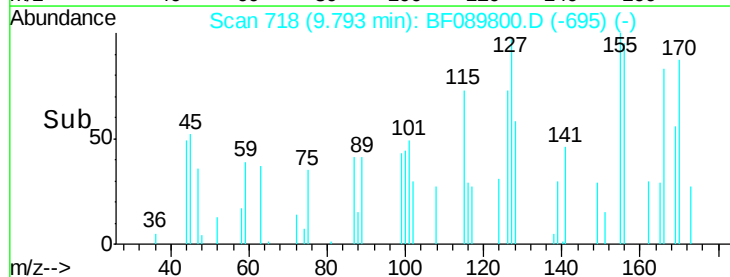
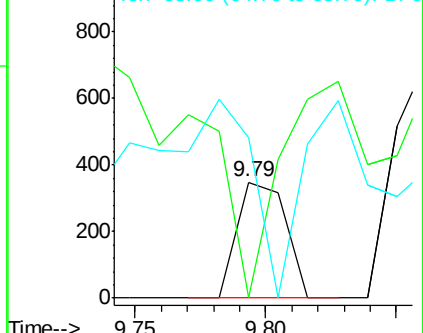
65 138.4 55.7 95.7#

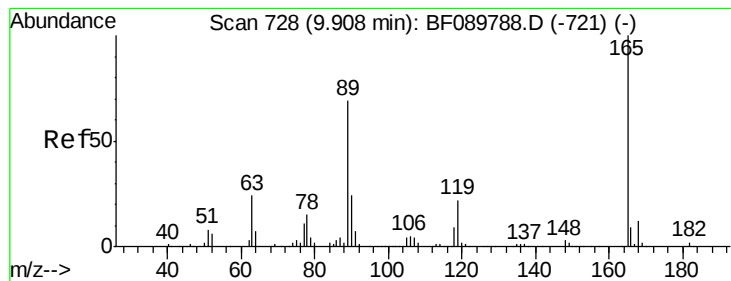


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 0.24 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.09 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

Tgt Ion:165 Resp: 4909

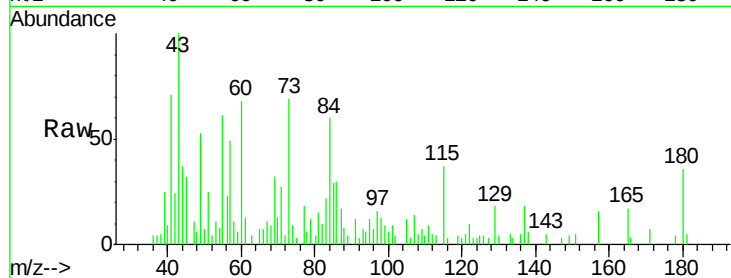
Ion Ratio Lower Upper

165 100

63 21.0 23.7 35.5#

89 22.9 44.0 66.0#

182 0.0 2.0 3.0#

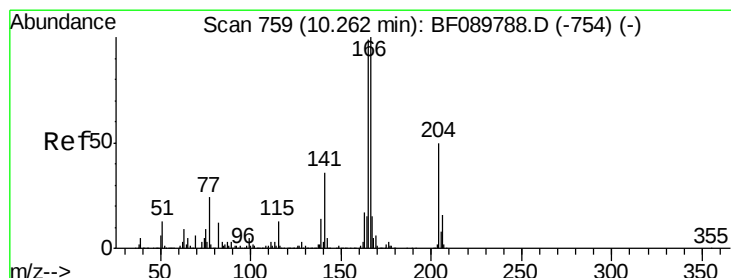
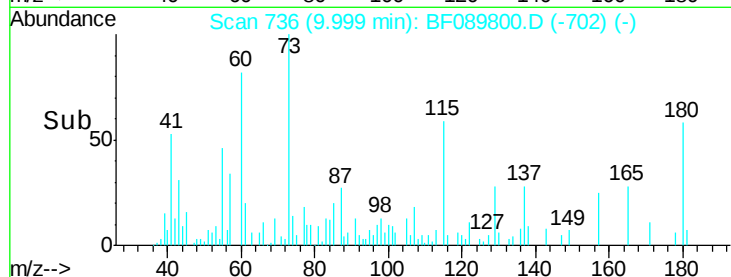
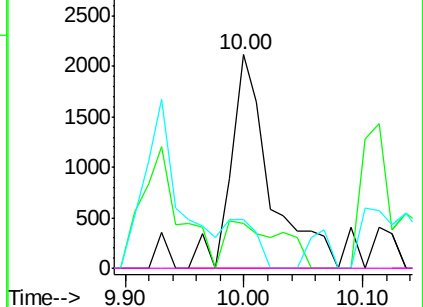


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.04 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.05 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

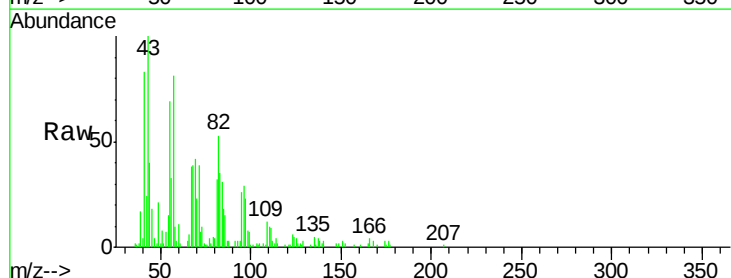
Tgt Ion:166 Resp: 2191

Ion Ratio Lower Upper

166 100

165 56.3 80.2 120.4#

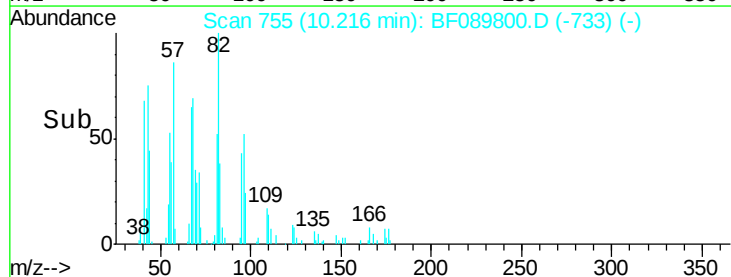
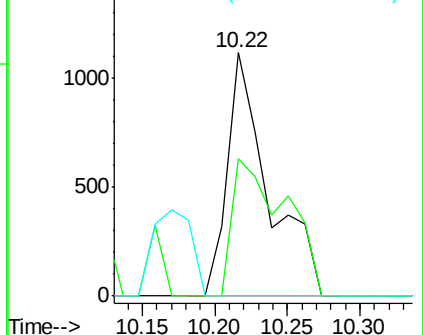
167 0.0 11.3 16.9#

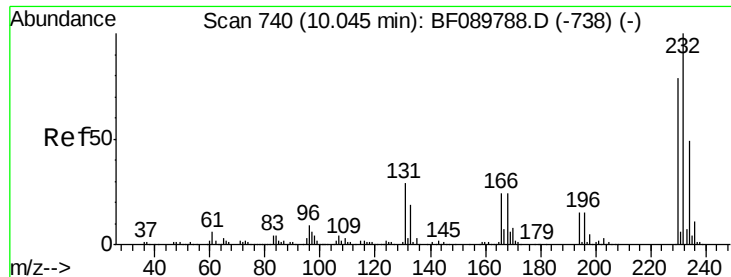


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

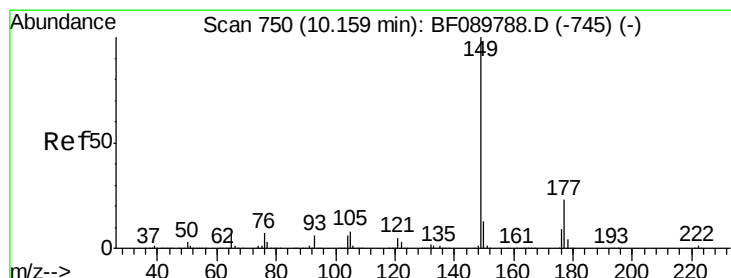
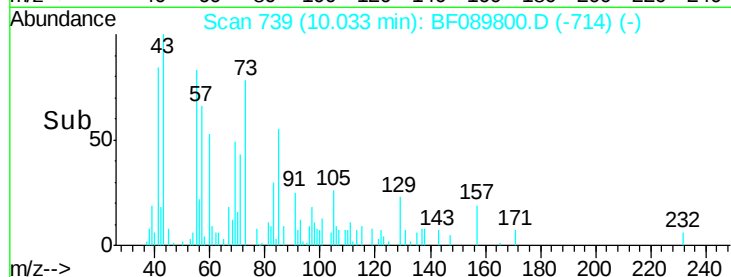
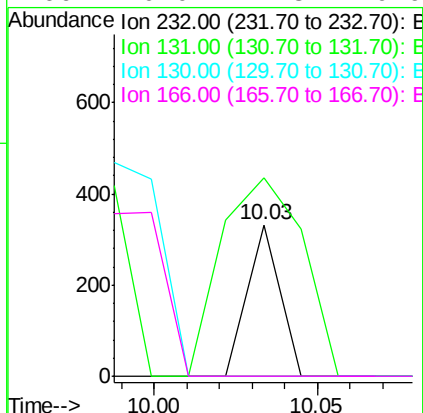
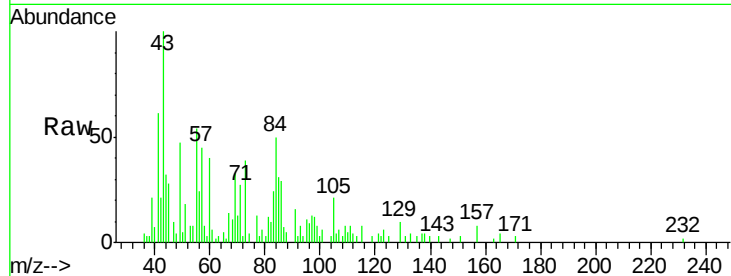




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.02 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

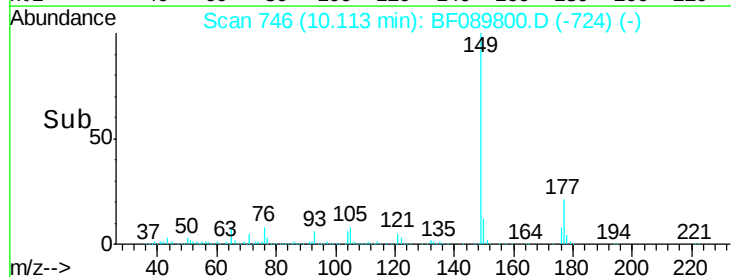
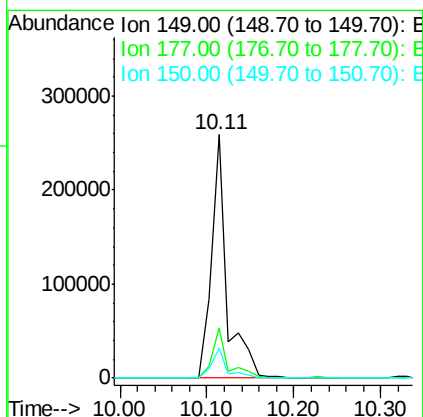
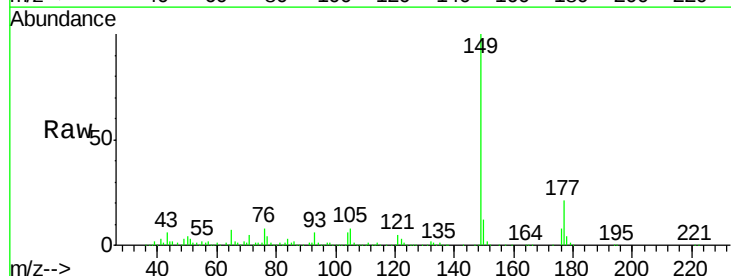
Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

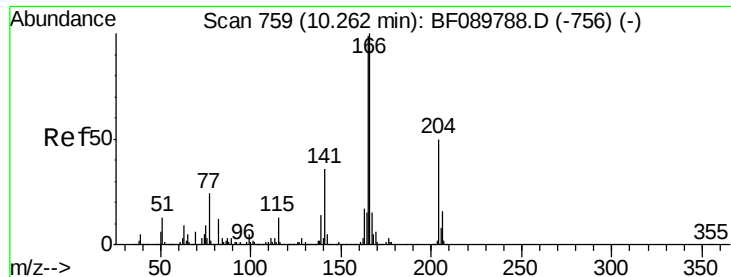
Tgt Ion: 232 Resp: 228
 Ion Ratio Lower Upper
 232 100
 131 331.6 42.5 63.7#
 130 0.0 2.2 3.4#
 166 0.0 27.3 40.9#



#59
 Diethylphthalate
 Concen: 4.62 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.05 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion: 149 Resp: 323337
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.6 25.0
 150 12.3 10.5 15.7

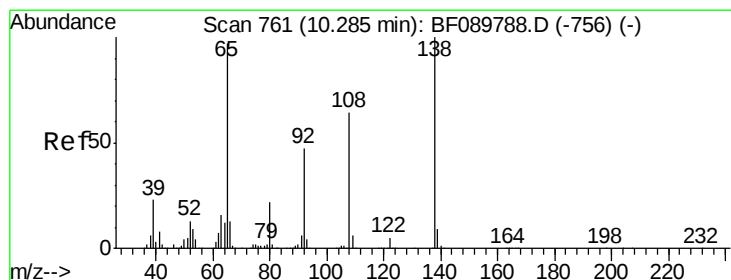
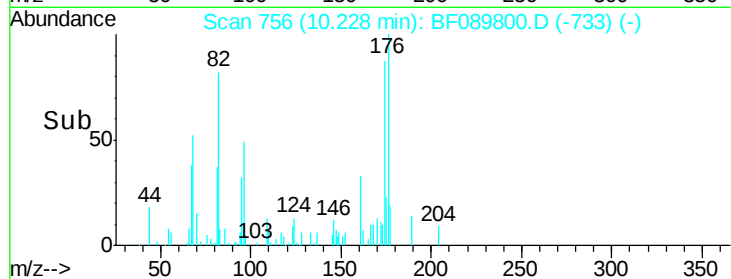
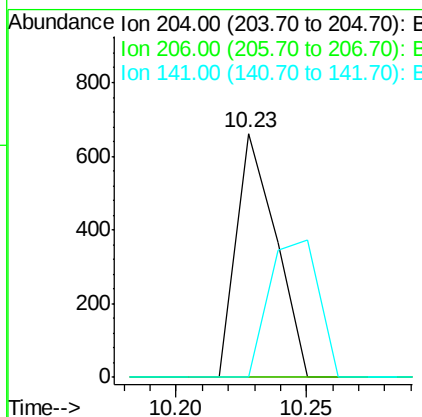
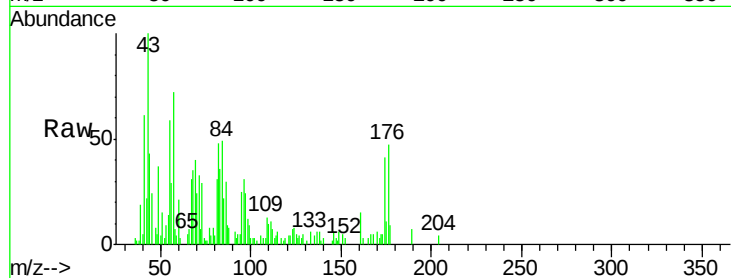




#60
4-Chlorophenyl-phenylether
Concen: 0.03 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

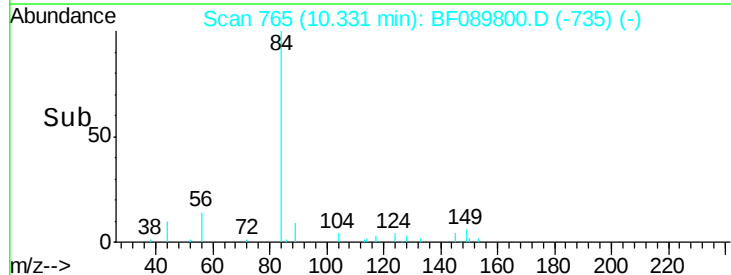
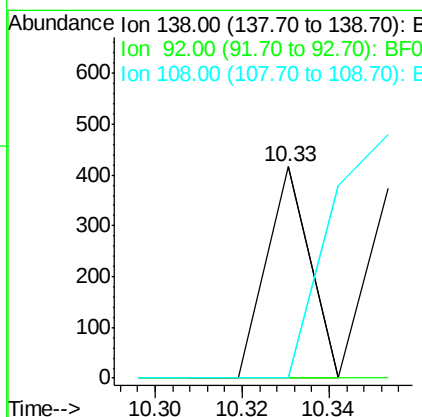
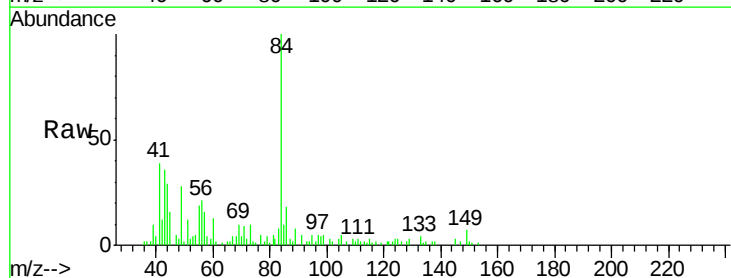
Instrument :
BNA_F
ClientSampleId :
PB93006BL

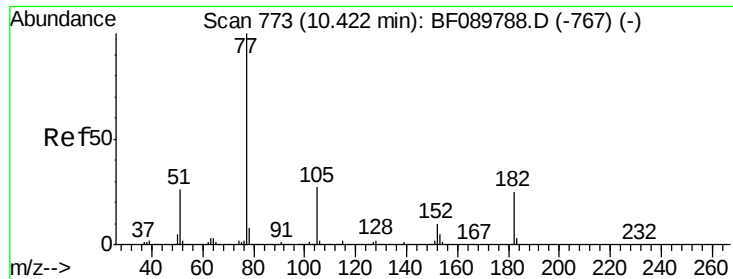
Tgt Ion: 204 Resp: 704
Ion Ratio Lower Upper
204 100
206 0.0 26.5 39.7#
141 0.0 54.1 81.1#



#61
4-Nitroaniline
Concen: 0.02 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.05 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion: 138 Resp: 285
Ion Ratio Lower Upper
138 100
92 0.0 26.4 66.4#
108 0.0 47.0 87.0#





#62

Azobenzene

Concen: 0.07 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

Tgt Ion: 77 Resp: 4316

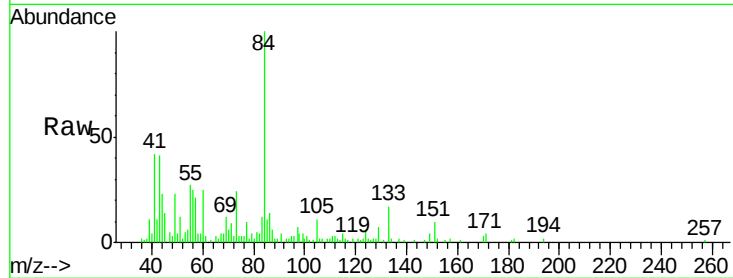
Ion Ratio Lower Upper

77 100

182 22.7 5.6 45.6

105 107.8 4.0 44.0#

51 119.0 7.8 47.8#

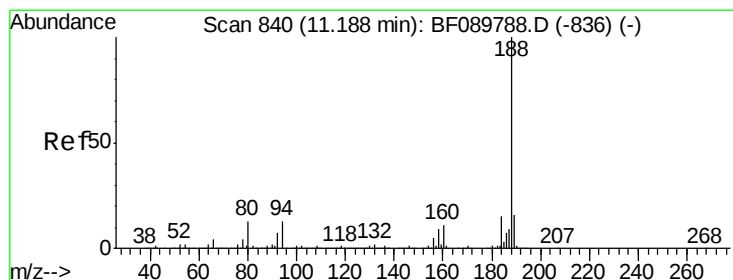
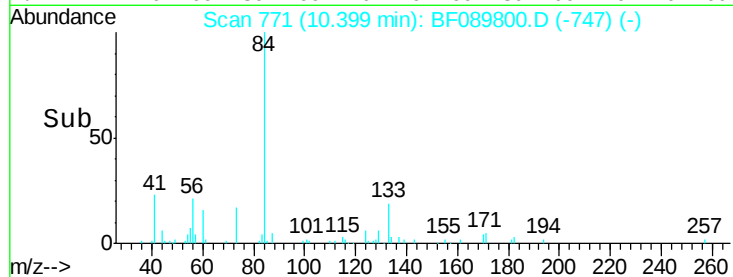
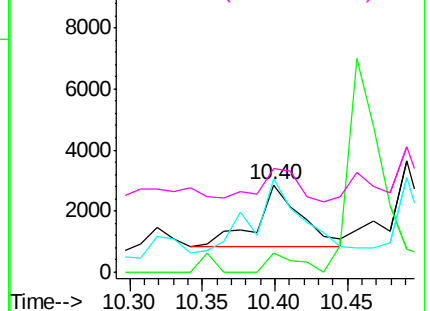


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

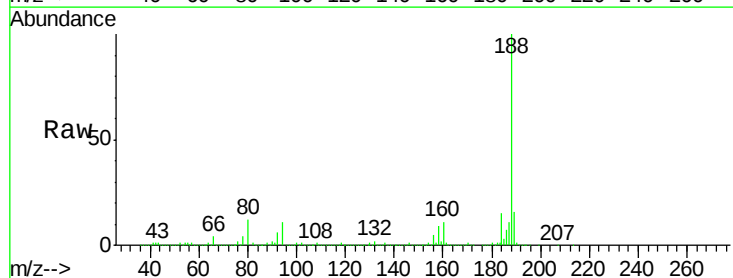
Tgt Ion: 188 Resp: 1750891

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

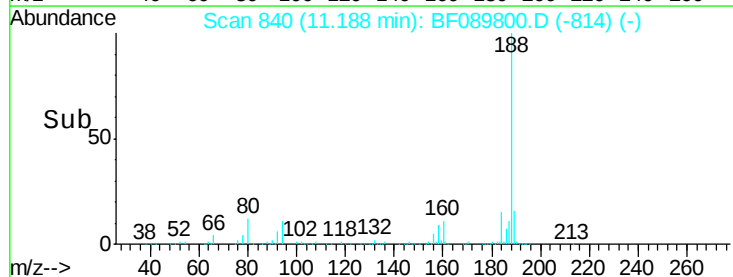
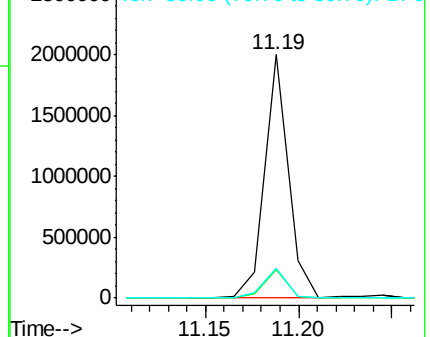
80 12.0 10.9 16.3

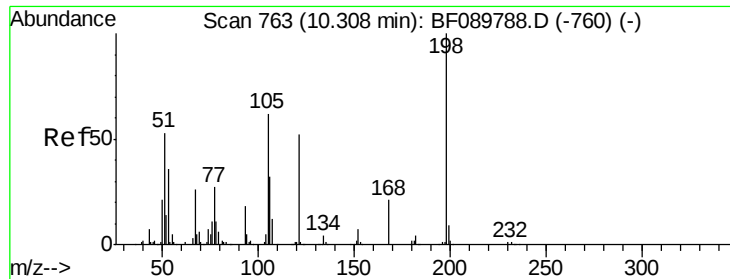


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.12 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.18 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

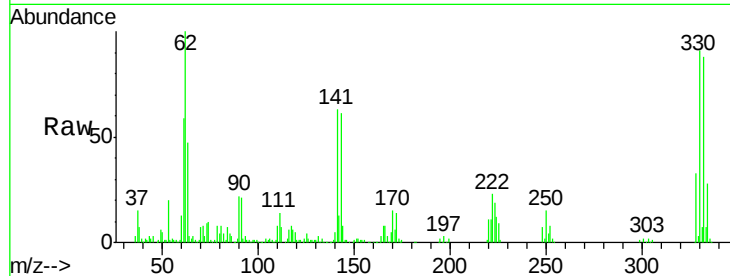
Tgt Ion:198 Resp: 1175

Ion Ratio Lower Upper

198 100

51 466.3 32.3 72.3#

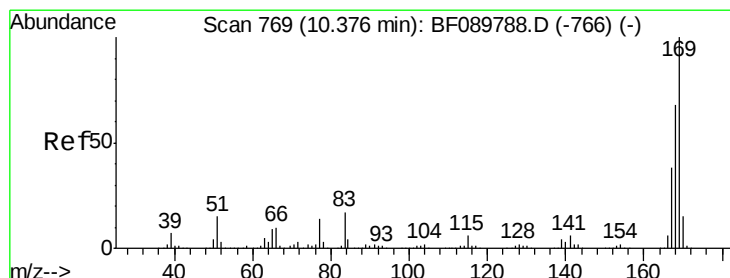
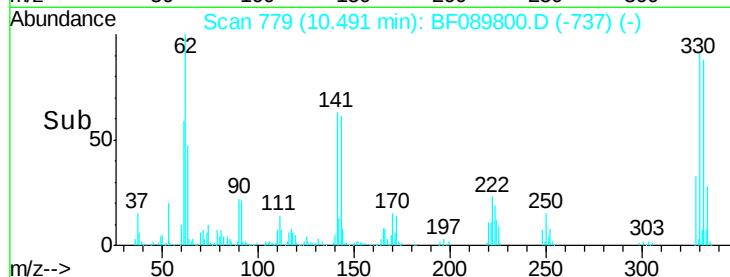
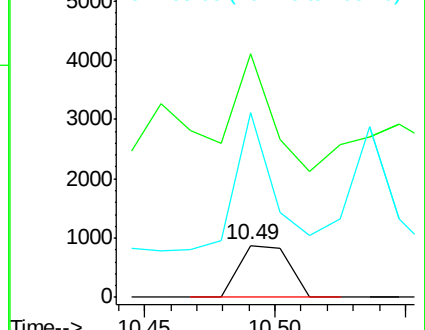
105 353.9 32.9 72.9#



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: 0.02 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

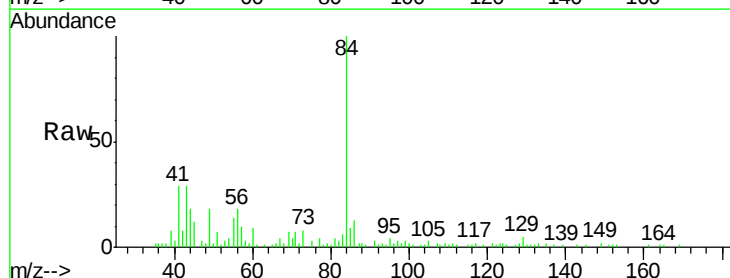
Tgt Ion:169 Resp: 1217

Ion Ratio Lower Upper

169 100

168 0.0 54.6 82.0#

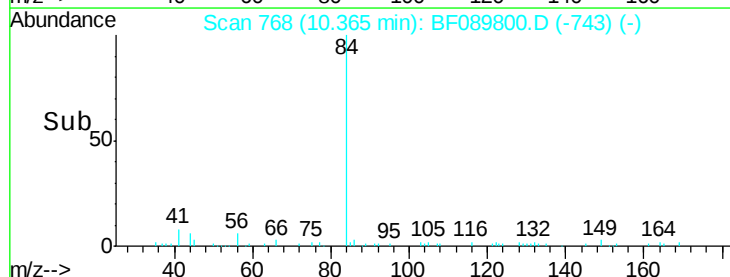
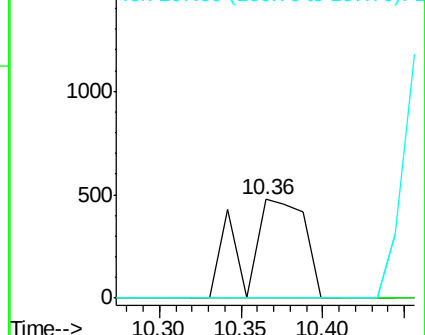
167 0.0 30.6 45.8#

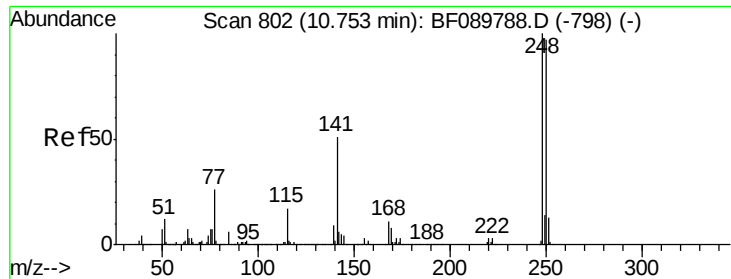


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

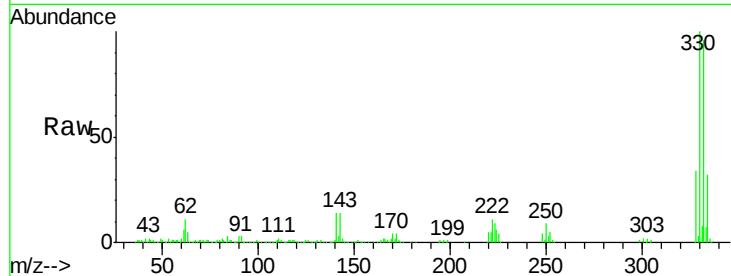




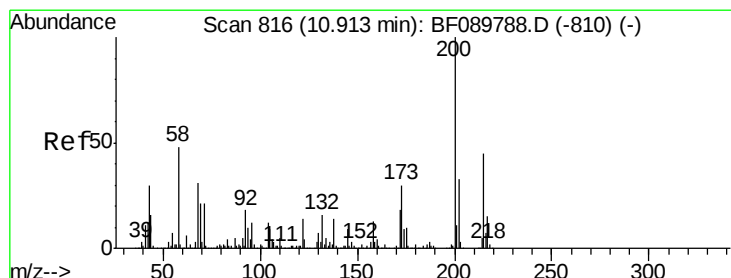
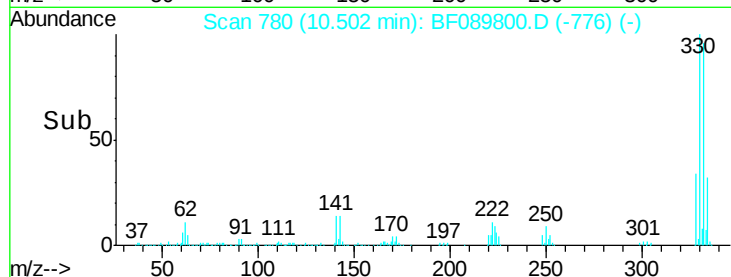
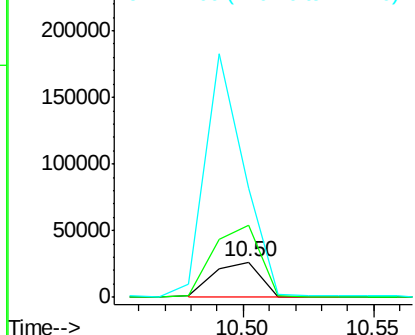
#66
4-Bromophenyl-phenylether
Concen: 1.82 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB93006BL

Tgt Ion:248 Resp: 33498
Ion Ratio Lower Upper
248 100
250 202.3 78.6 117.8#
141 308.8 31.4 47.2#

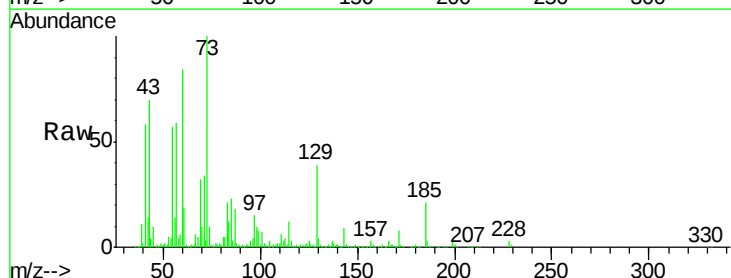


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

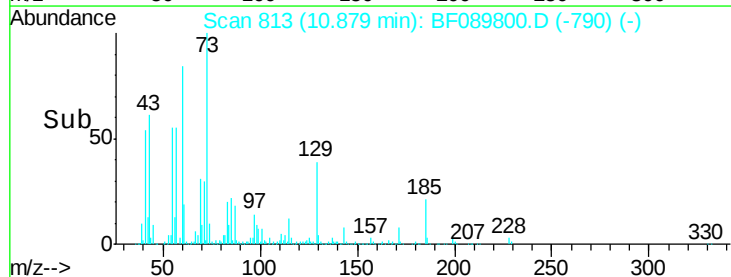
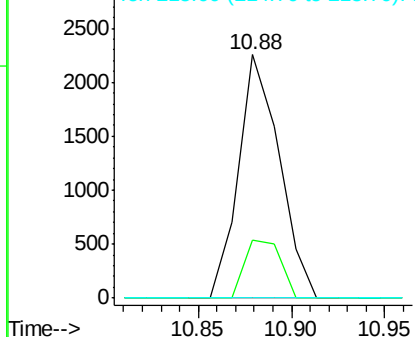


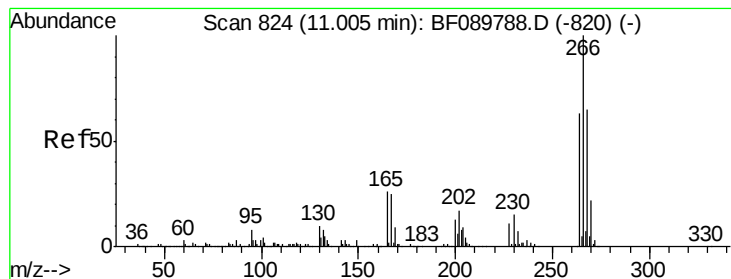
#68
Atrazine
Concen: 0.20 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion:200 Resp: 3431
Ion Ratio Lower Upper
200 100
173 23.7 6.6 46.6
215 0.0 24.7 64.7#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.02 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

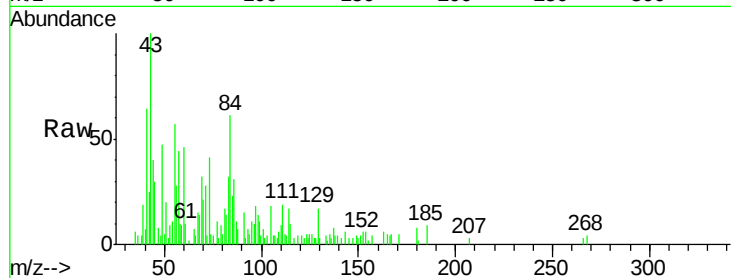
Tgt Ion:266 Resp: 252

Ion Ratio Lower Upper

266 100

268 123.4 53.2 79.8#

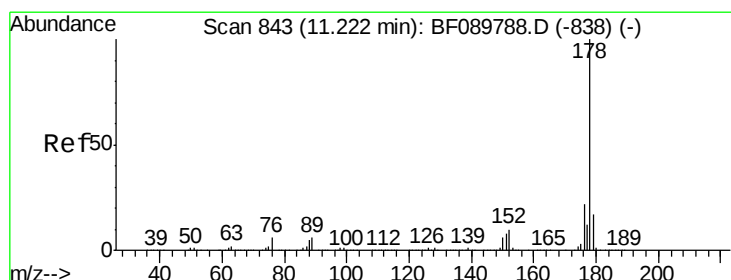
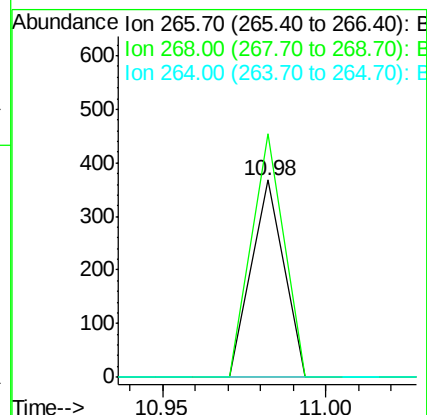
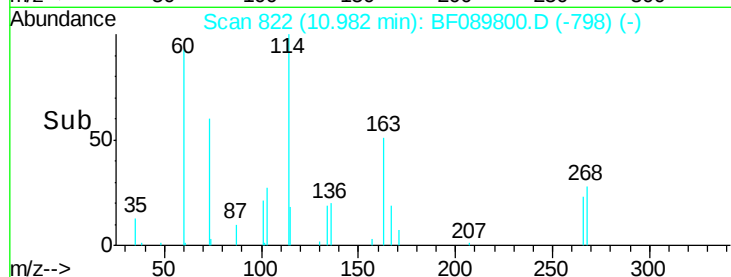
264 0.0 51.1 76.7#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.05 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

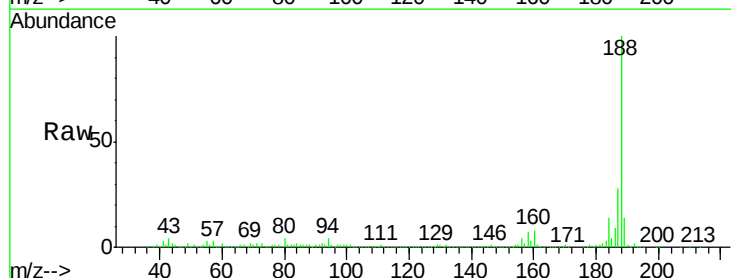
Tgt Ion:178 Resp: 4161

Ion Ratio Lower Upper

178 100

176 22.3 16.4 24.6

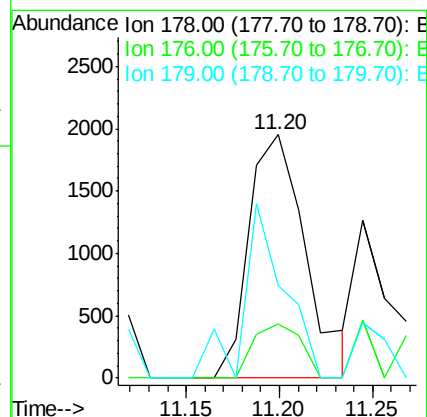
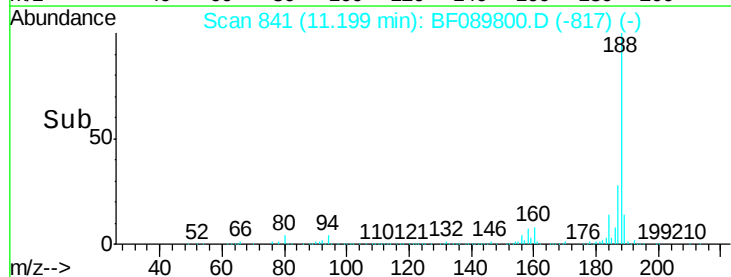
179 37.8 12.5 18.7#

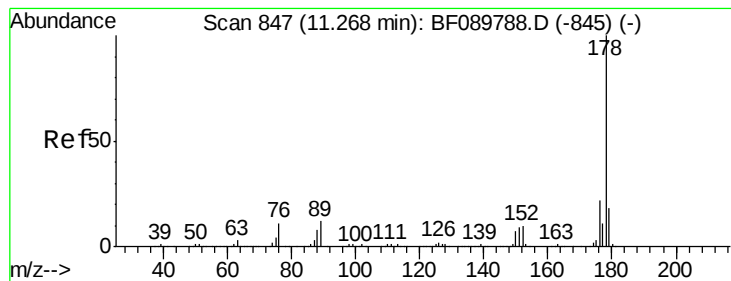


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.02 ng

RT: 11.24 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

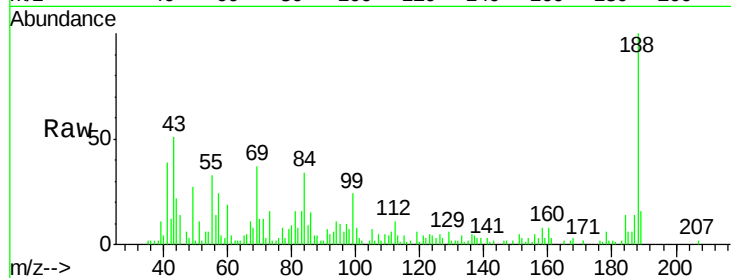
Tgt Ion:178 Resp: 1626

Ion Ratio Lower Upper

178 100

176 36.4 16.4 24.6#

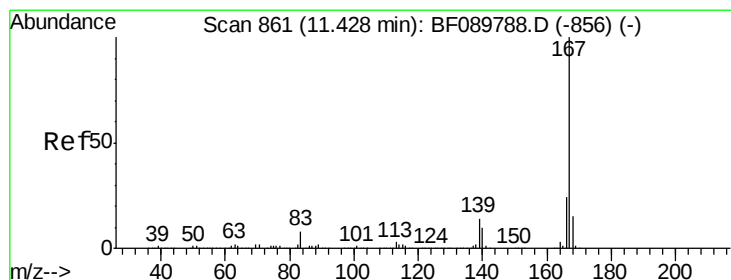
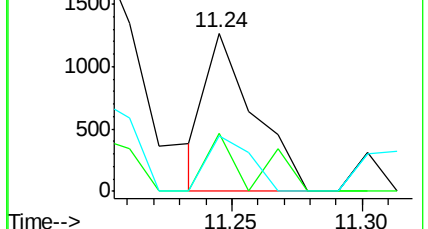
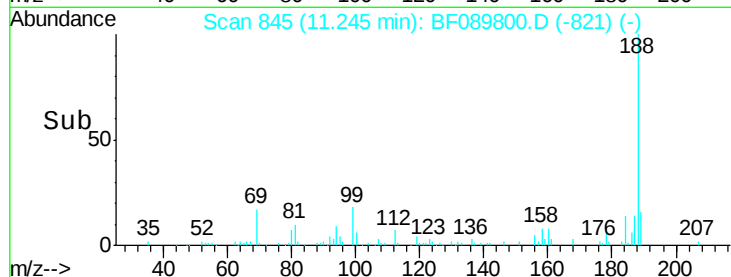
179 35.3 13.1 19.7#



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: 0.04 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

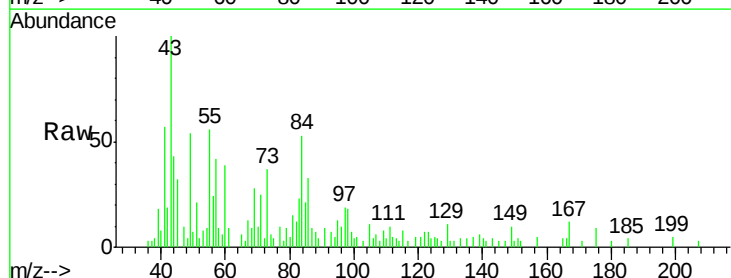
Tgt Ion:167 Resp: 2864

Ion Ratio Lower Upper

167 100

166 30.8 17.9 26.9#

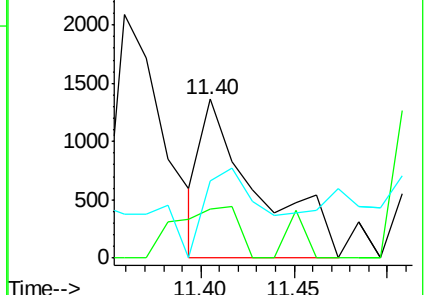
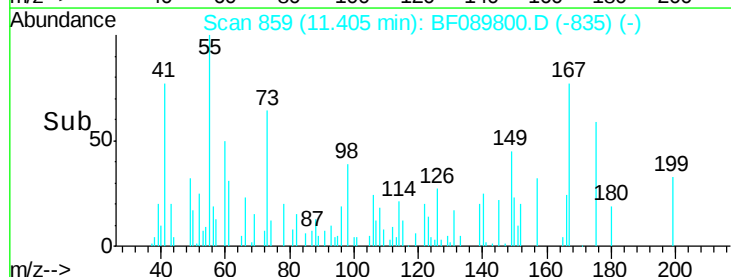
139 48.8 12.4 18.6#

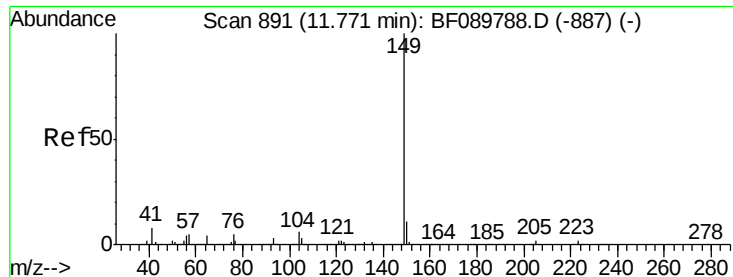


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.49 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

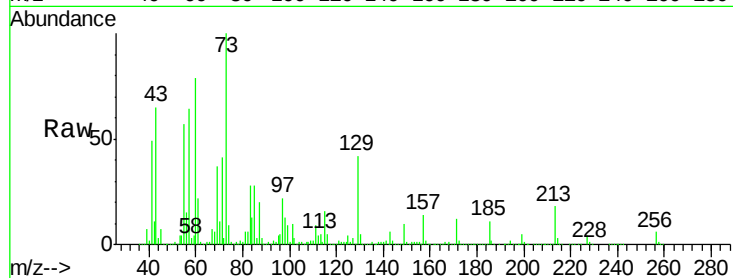
Tgt Ion:149 Resp: 150549

Ion Ratio Lower Upper

149 100

150 9.1 7.9 11.9

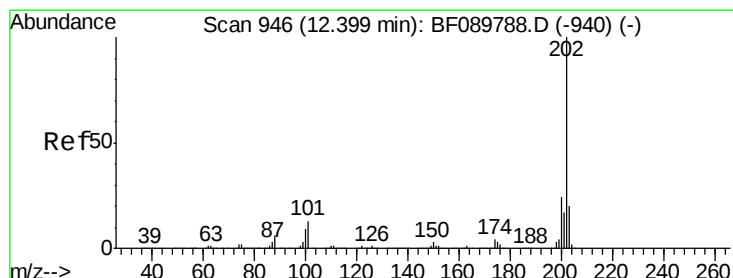
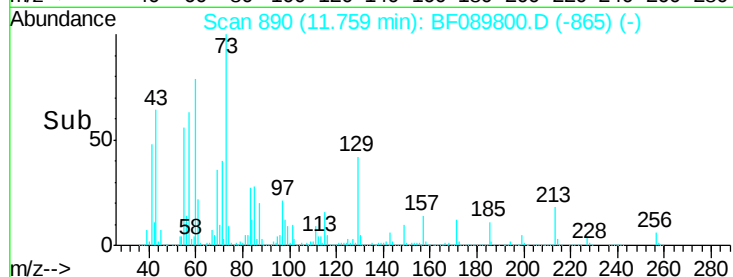
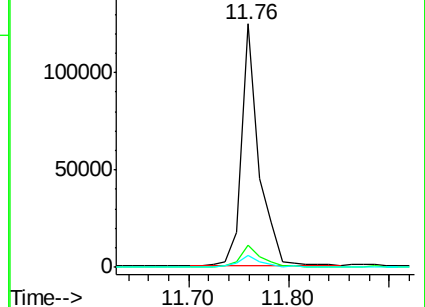
104 5.1 4.3 6.5



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: 0.03 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

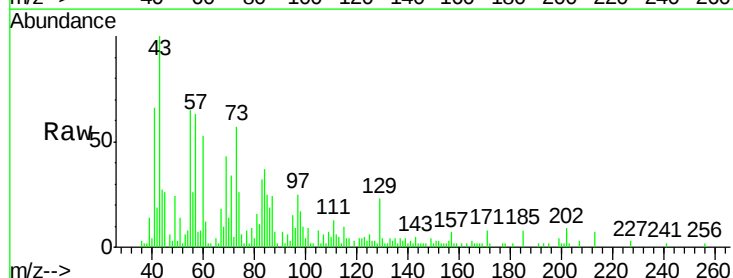
Tgt Ion:202 Resp: 2487

Ion Ratio Lower Upper

202 100

101 94.7 0.0 31.2#

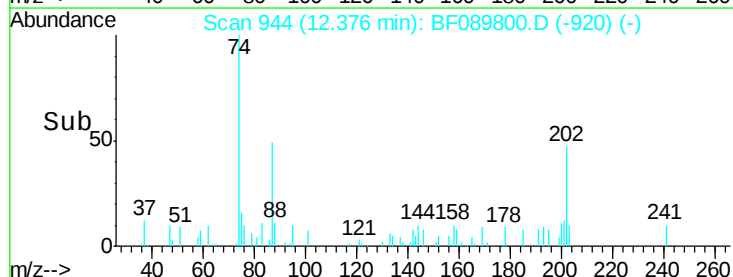
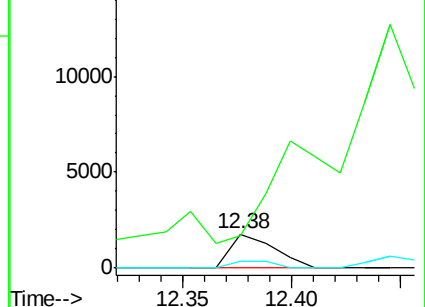
203 20.7 0.0 38.1

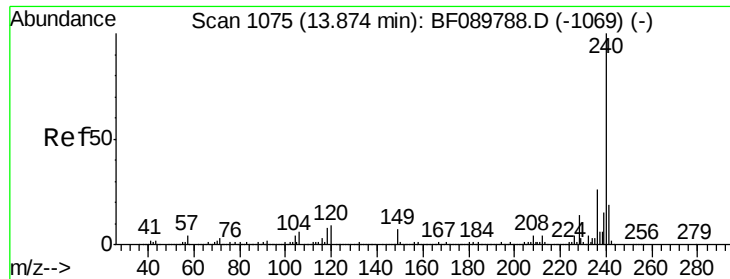


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

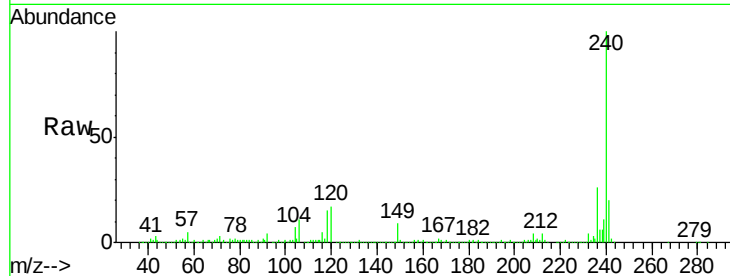
Tgt Ion:240 Resp: 1432552

Ion Ratio Lower Upper

240 100

120 16.8 8.3 12.5#

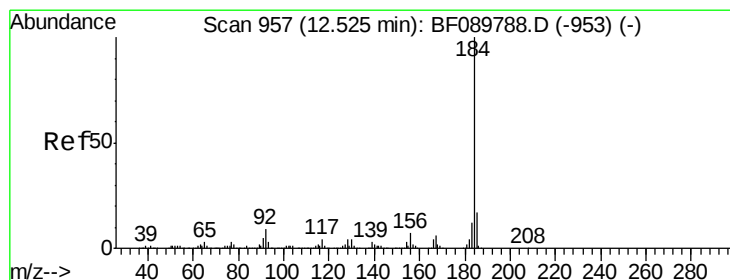
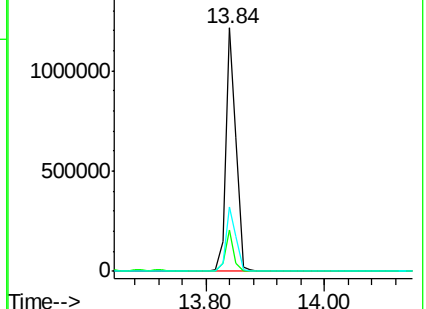
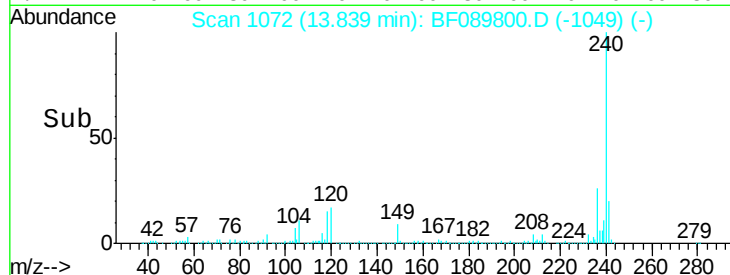
236 26.4 21.3 31.9



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



#76

Benzidine

Concen: 0.17 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.03 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

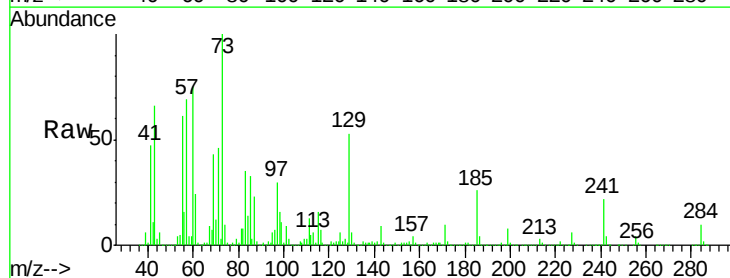
Tgt Ion:184 Resp: 8036

Ion Ratio Lower Upper

184 100

185 13639.3 13.8 20.8#

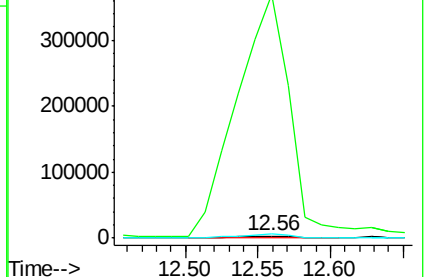
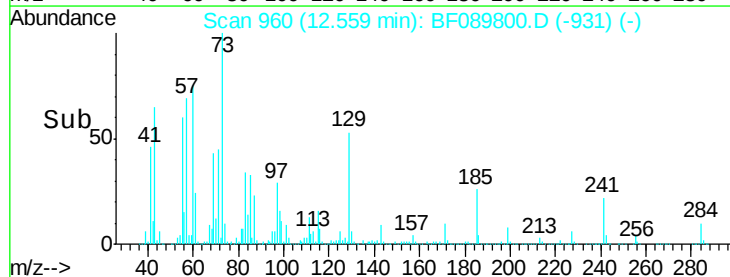
183 209.5 9.7 14.5#

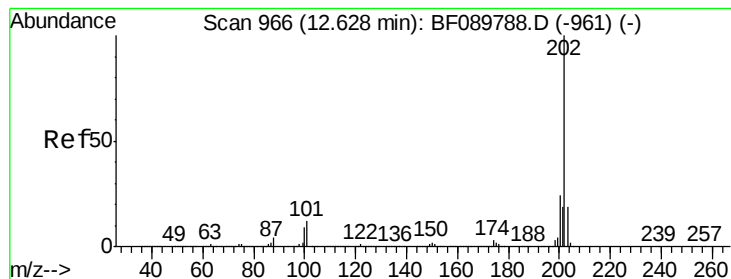


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.02 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.25 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

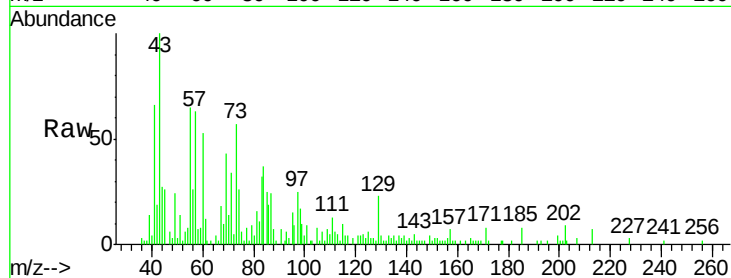
Tgt Ion: 202 Resp: 2487

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.6

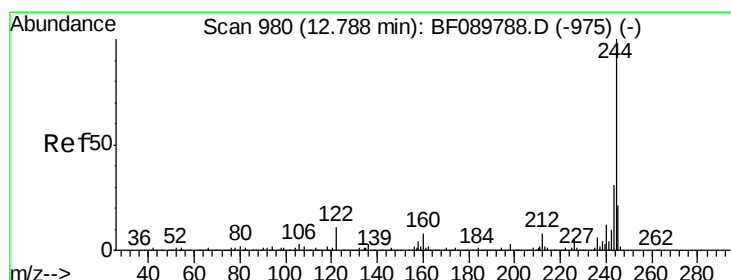
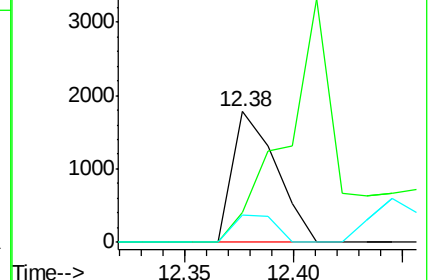
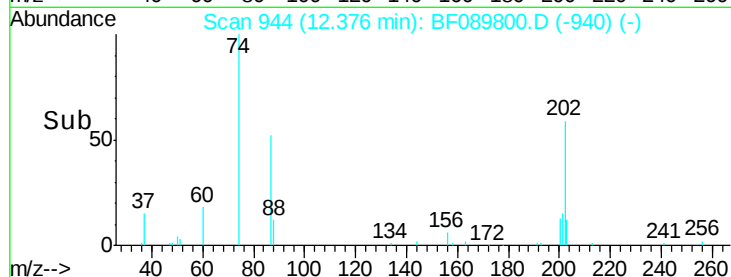
203 20.7 14.2 21.4



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: 65.40 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

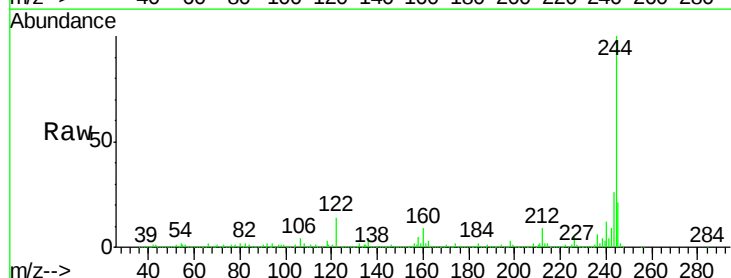
Tgt Ion: 244 Resp: 4141061

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

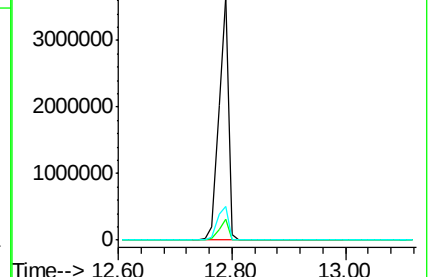
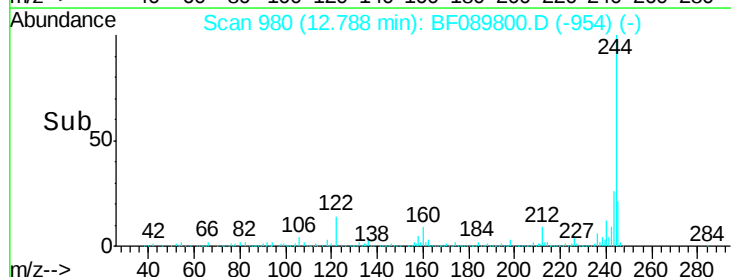
122 14.0 12.0 18.0

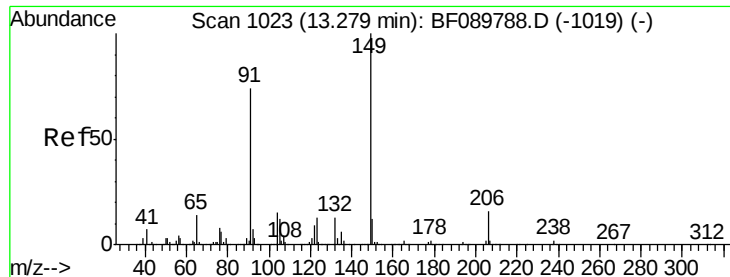


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.26 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

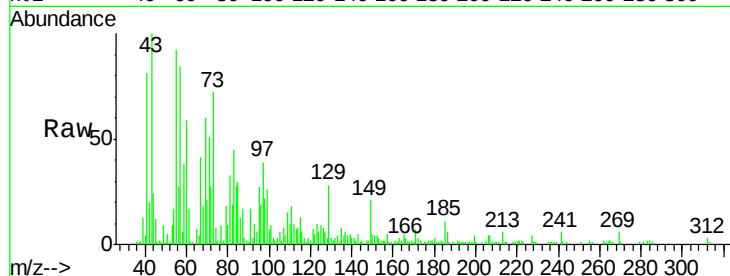
Tgt Ion:149 Resp: 13582

Ion Ratio Lower Upper

149 100

91 79.3 50.7 76.1#

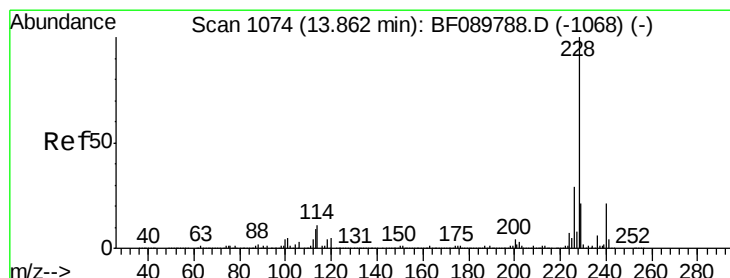
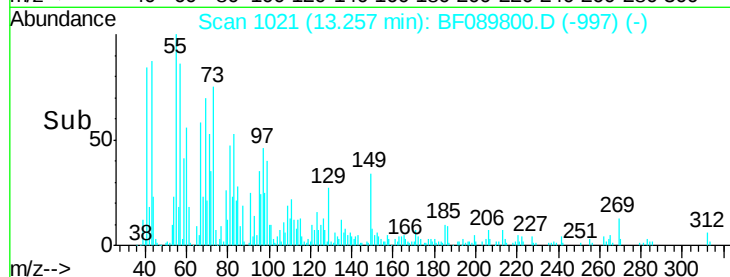
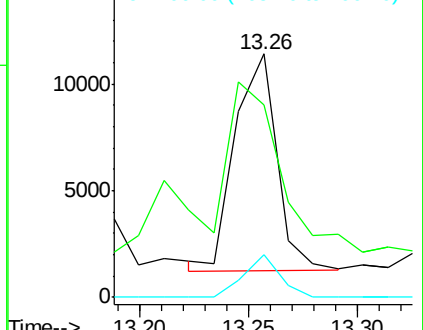
206 17.4 15.5 23.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.16 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

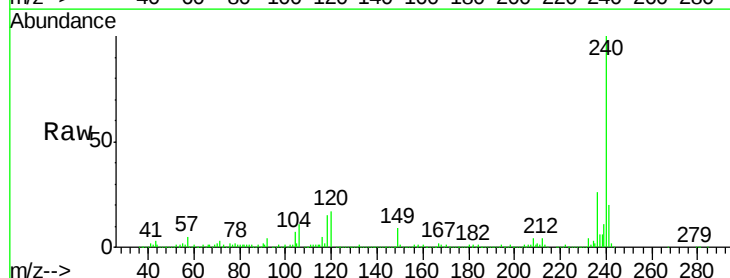
Tgt Ion:228 Resp: 13056

Ion Ratio Lower Upper

228 100

226 13.6 23.2 34.8#

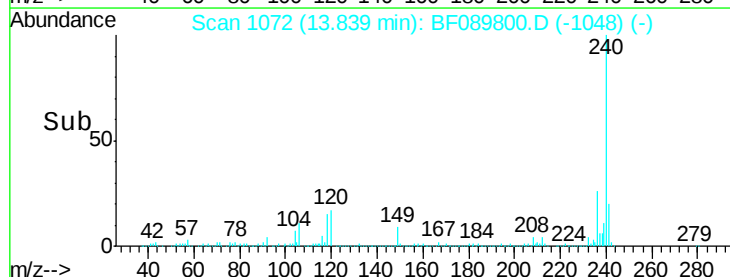
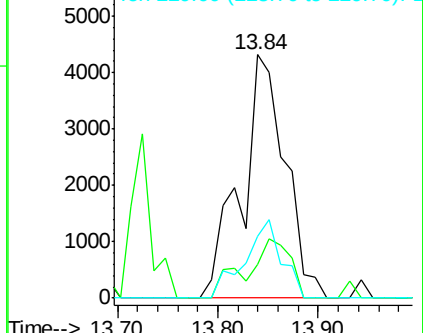
229 25.1 16.2 24.4#

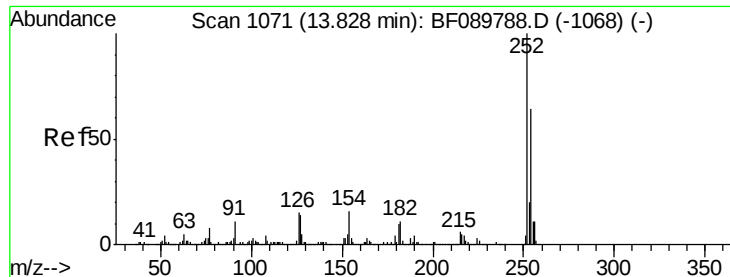


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

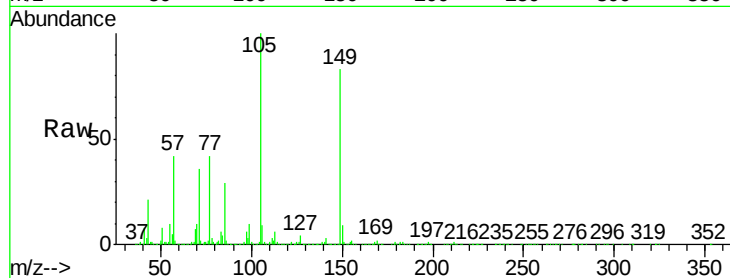




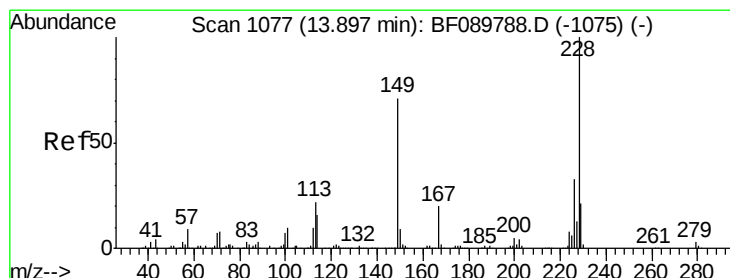
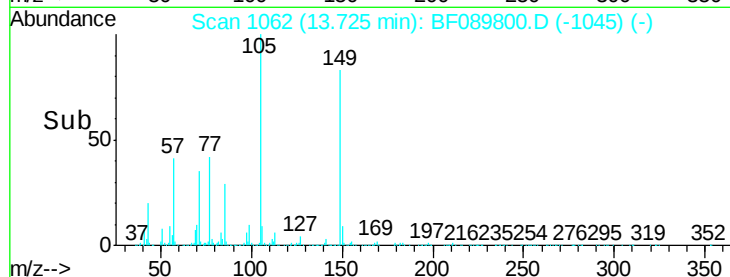
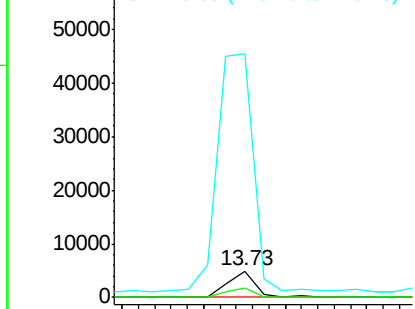
#81
 3,3'-Dichlorobenzidine
 Concen: 0.21 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.10 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

Tgt Ion:252 Resp: 5650
 Ion Ratio Lower Upper
 252 100
 254 37.3 50.6 75.8#
 126 924.6 12.6 18.8#

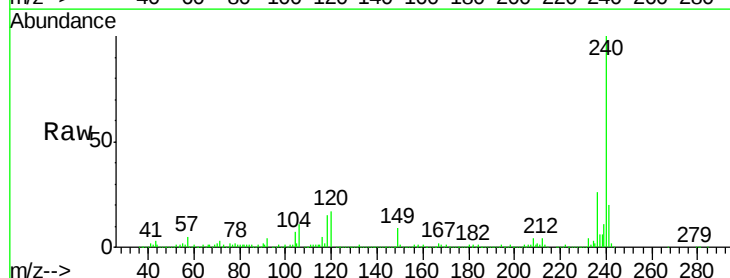


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

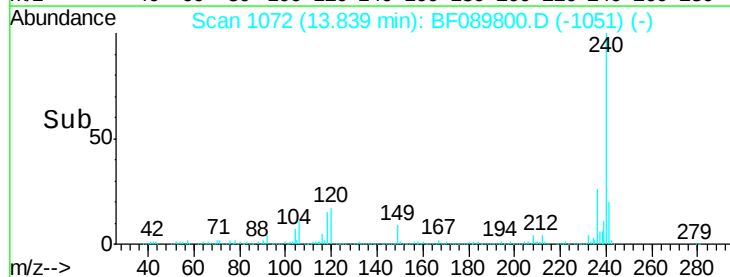
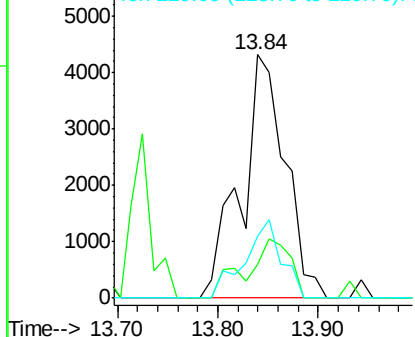


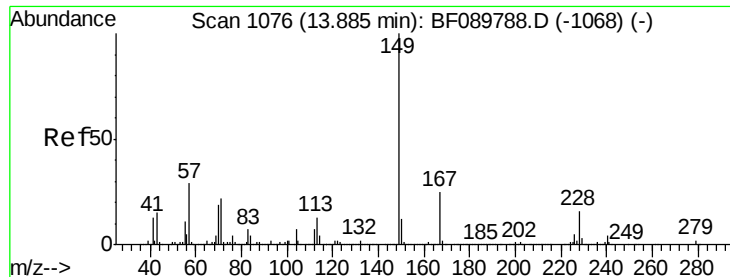
#82
 Chrysene
 Concen: 0.19 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion:228 Resp: 13056
 Ion Ratio Lower Upper
 228 100
 226 13.6 25.4 38.0#
 229 25.1 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: 2.44 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.03 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

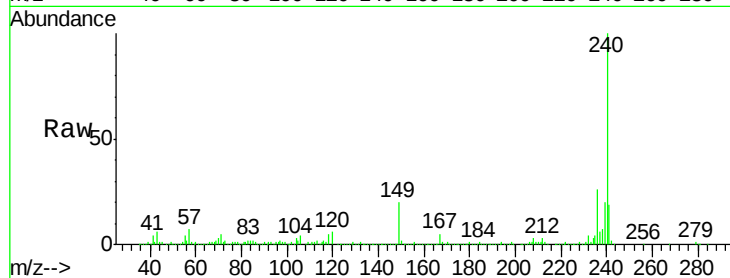
Tgt Ion:149 Resp: 177011

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

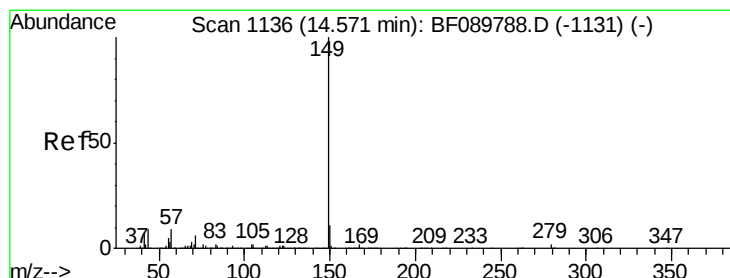
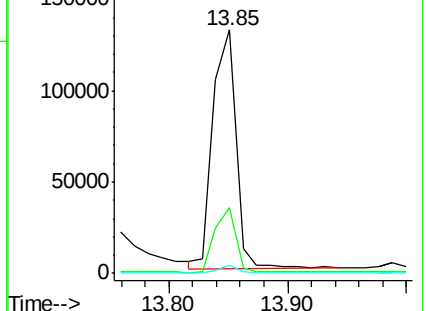
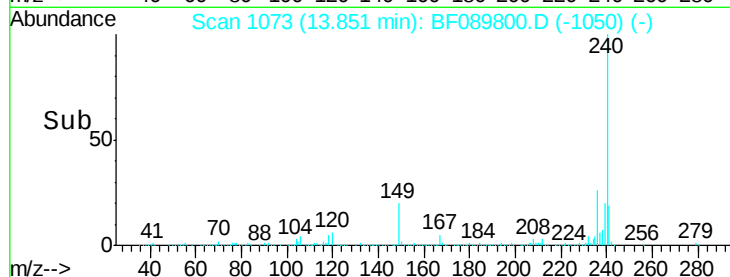
279 3.4 2.9 4.3



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: 27.07 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

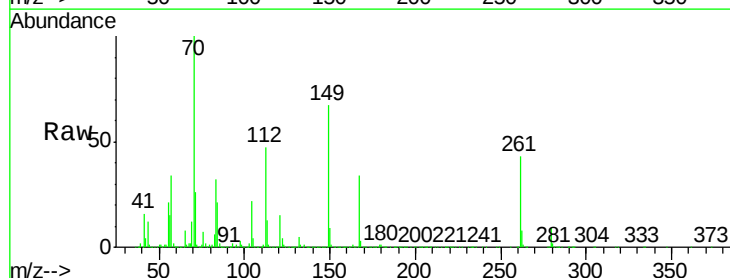
Tgt Ion:149 Resp: 2610908

Ion Ratio Lower Upper

149 100

167 51.8 1.2 1.8#

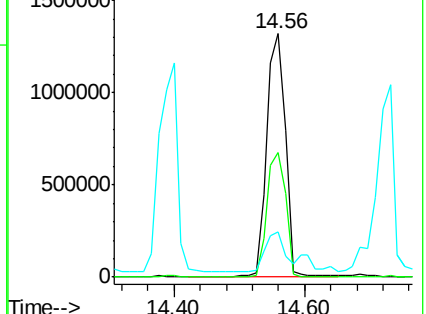
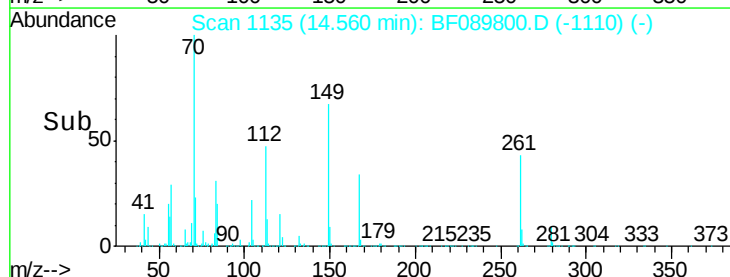
43 17.5 8.4 12.6#

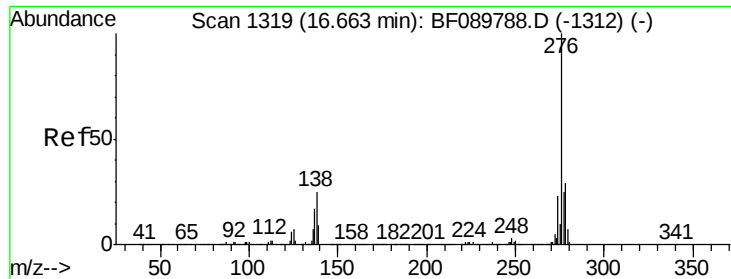


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

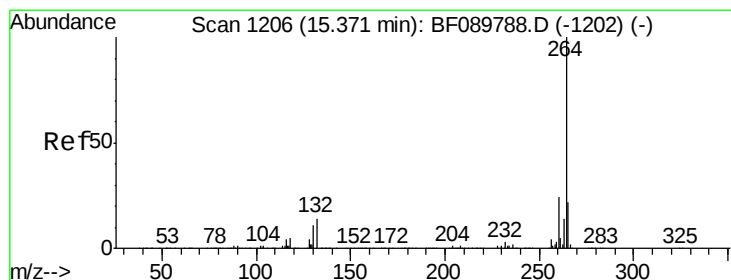
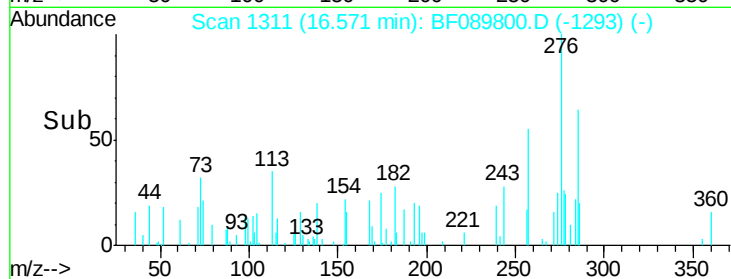
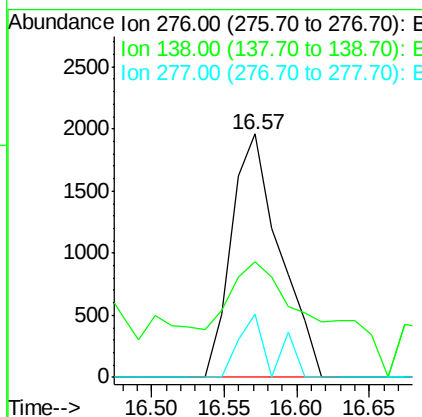
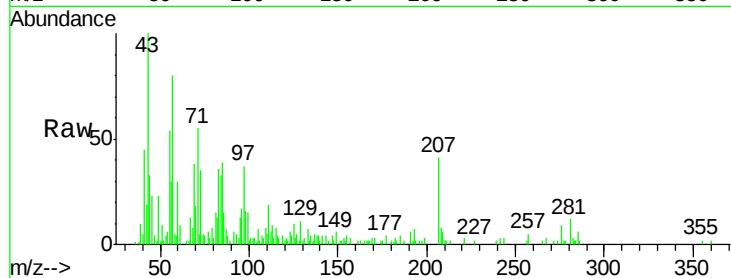




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng
 RT: 16.57 min Scan# 1311
 Delta R.T. -0.09 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

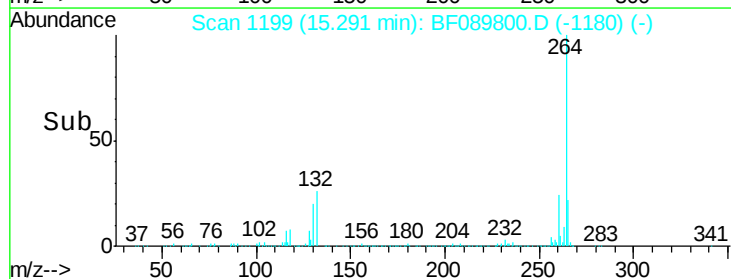
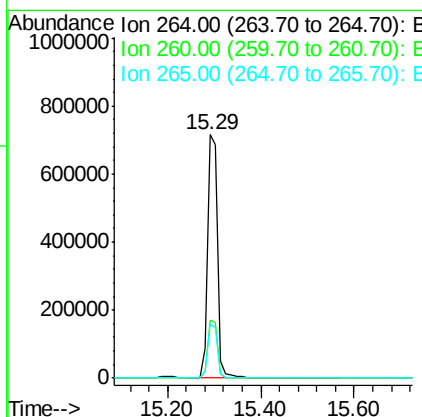
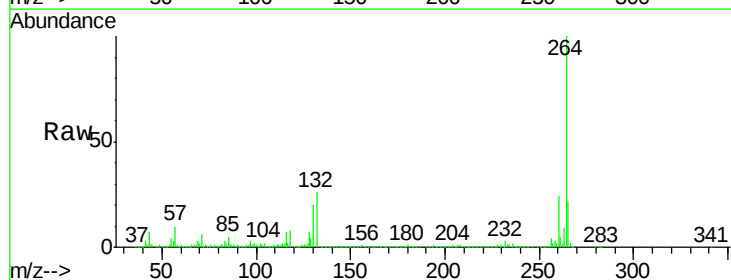
Instrument :
 BNA_F
 ClientSampleId :
 PB93006BL

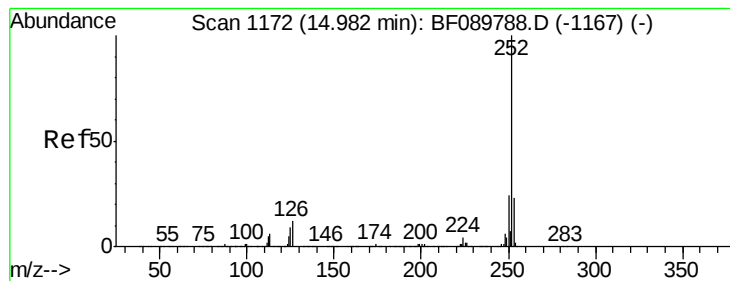
Tgt Ion: 276 Resp: 4516
 Ion Ratio Lower Upper
 276 100
 138 89.2 24.6 36.8#
 277 17.8 20.4 30.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.08 min
 Lab File: BF089800.D
 Acq: 19 Aug 2016 17:22

Tgt Ion: 264 Resp: 1085070
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.2 30.2
 265 22.1 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 0.14 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.06 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

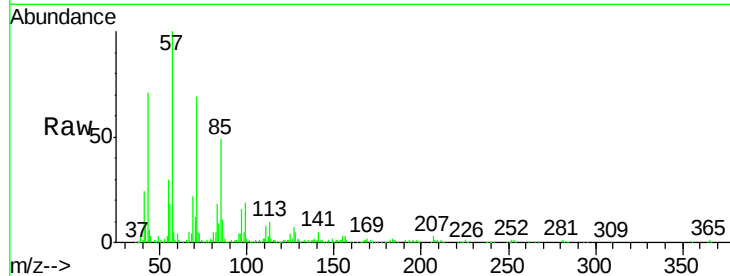
Tgt Ion:252 Resp: 8415

Ion Ratio Lower Upper

252 100

253 65.7 17.8 26.8#

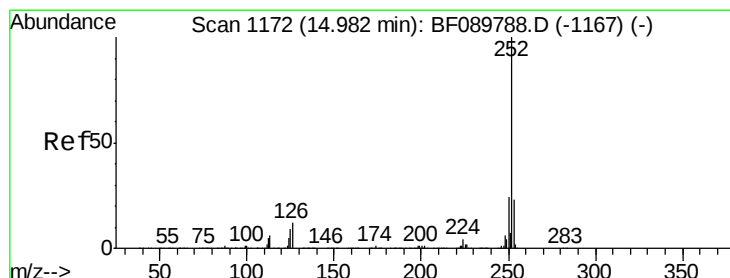
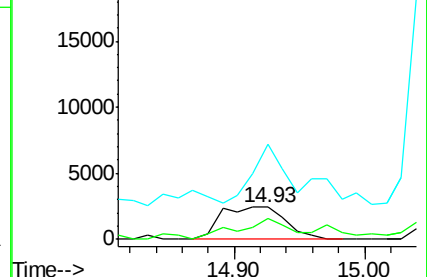
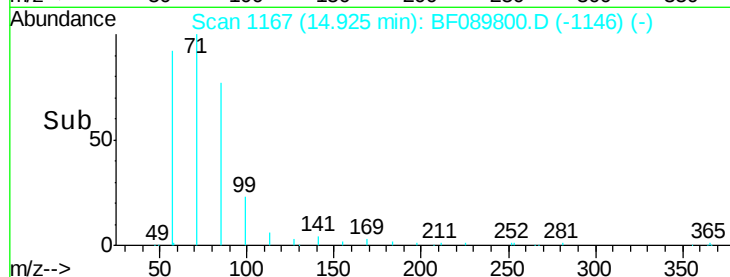
125 295.8 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.16 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

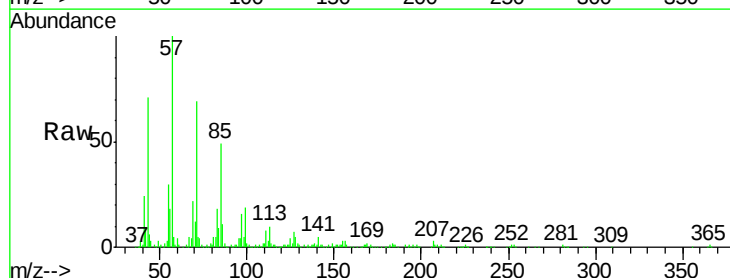
Tgt Ion:252 Resp: 8415

Ion Ratio Lower Upper

252 100

253 65.7 18.4 27.6#

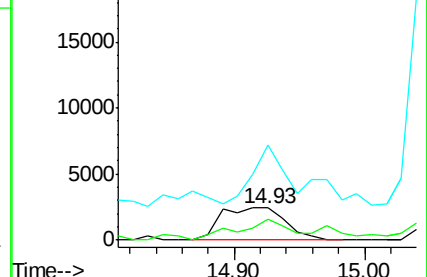
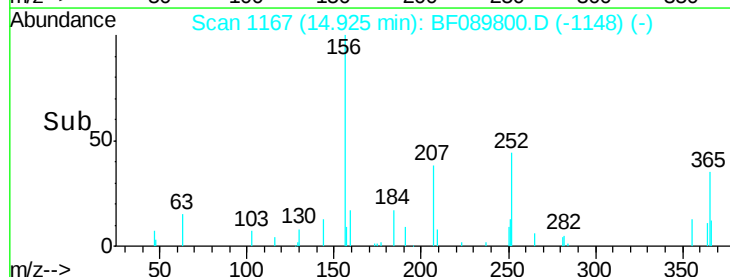
125 295.8 9.8 14.6#

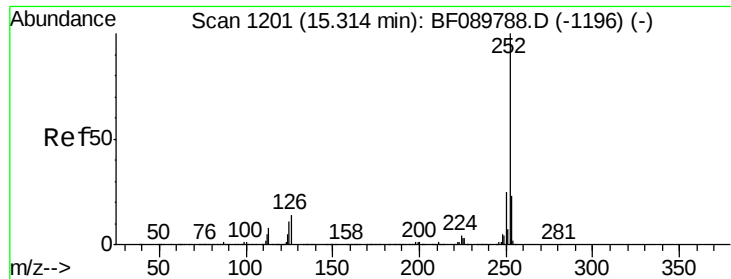


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

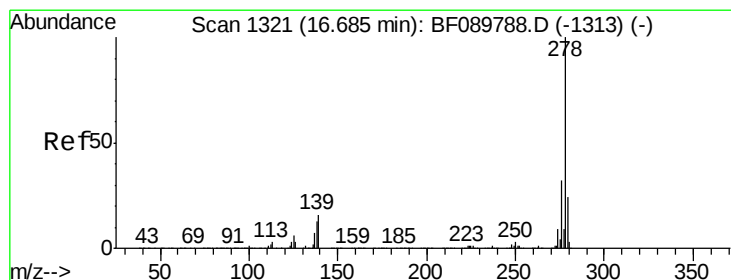
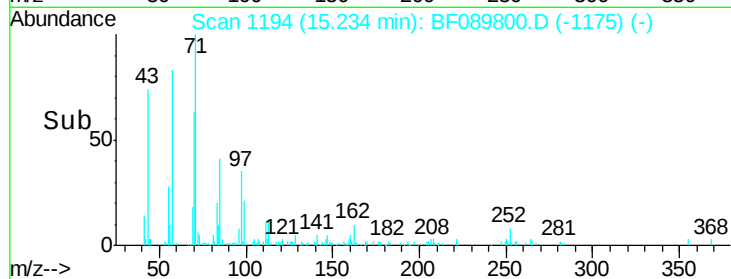
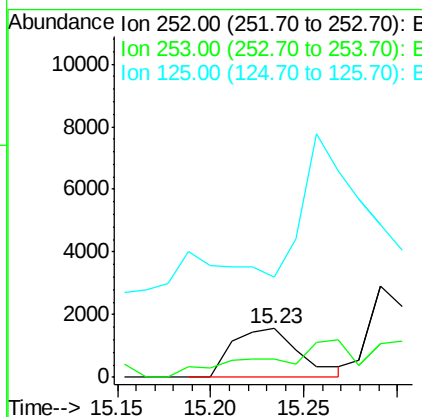
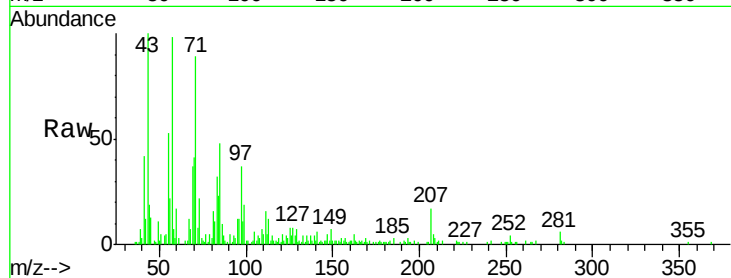




#89
Benzo(a)pyrene
Concen: 0.07 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.08 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

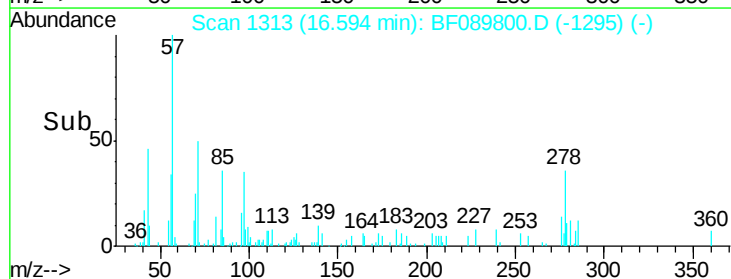
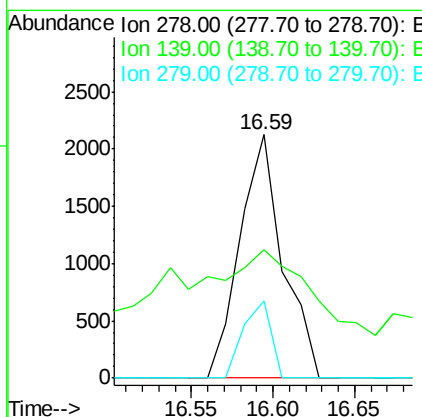
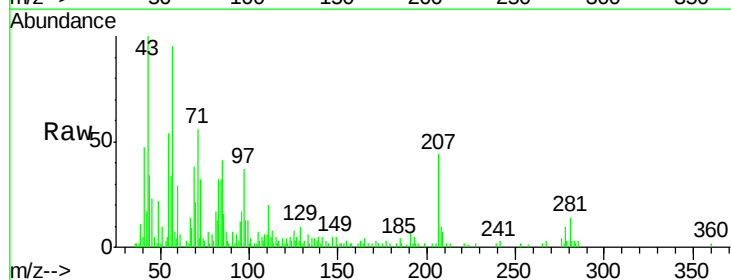
Instrument :
BNA_F
ClientSampleId :
PB93006BL

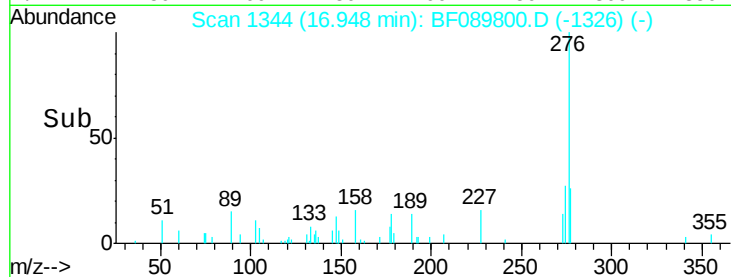
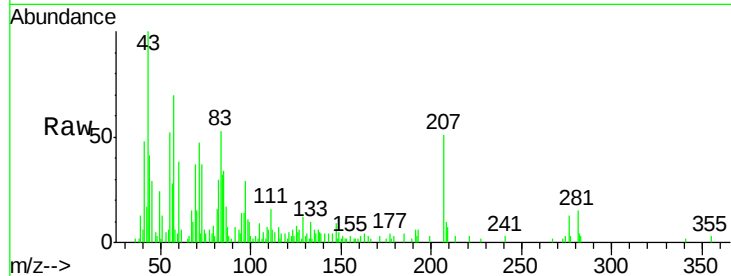
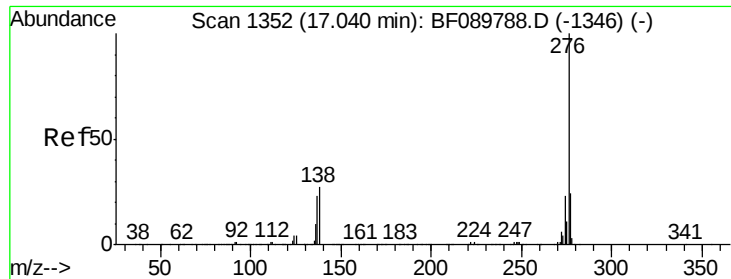
Tgt Ion: 252 Resp: 3899
Ion Ratio Lower Upper
252 100
253 37.3 17.8 26.8#
125 204.9 11.7 17.5#



#90
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.09 min
Lab File: BF089800.D
Acq: 19 Aug 2016 17:22

Tgt Ion: 278 Resp: 3869
Ion Ratio Lower Upper
278 100
139 52.6 14.9 22.3#
279 31.6 19.2 28.8#





#91

Benzo(g,h,i)perylene

Concen: 0.06 ng

RT: 16.95 min Scan# 1344

Delta R.T. -0.09 min

Lab File: BF089800.D

Acq: 19 Aug 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB93006BL

Tgt Ion: 276 Resp: 4182

Ion Ratio Lower Upper

276 100

277 25.9 19.2 28.8

138 40.1 22.1 33.1#

