

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089811.D
 Acq On : 19 Aug 2016 22:13
 Operator : UM/SJ
 Sample : H4518-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-5)

Quant Time: Aug 22 01:22:09 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	592875	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1983334	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	921818	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1436719	20.00	ng	0.00
75) Chrysene-d12	13.83	240	1119763	20.00	ng	-0.05
86) Perylene-d12	15.26	264	1214508	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	3142062	90.88	ng	0.01
7) Phenol-d6	6.32	99	3791308	89.34	ng	0.00
23) Nitrobenzene-d5	7.24	82	2173837	68.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	799062	91.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4068434	77.57	ng	0.00
78) Terphenyl-d14	12.78	244	2425563	49.00	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	2.80	79	1733	0.04	ng	# 1
4) n-Nitrosodimethylamine	2.76	42	394	0.02	ng	# 1
6) Aniline	6.36	93	12876	0.23	ng	# 84
8) 2-Chlorophenol	6.47	128	1766	0.04	ng	# 84
9) Benzaldehyde	6.23	77	5112	0.18	ng	# 85
10) Phenol	6.33	94	31478	0.63	ng	# 1
11) bis(2-Chloroethyl)ether	6.44	93	6008	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.86	146	4468	0.10	ng	# 89
13) 1,4-Dichlorobenzene	6.86	146	4469	0.10	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	4469	0.11	ng	# 88
15) Benzyl Alcohol	6.84	79	41052	1.46	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.98	45	169	0.00	ng	# 1
17) 2-Methylphenol	6.95	107	518	0.02	ng	# 30
18) Hexachloroethane	7.22	117	2053	0.13	ng	# 31
19) n-Nitroso-di-n-propylamine	7.24	70	278789	10.27	ng	# 76
20) 3+4-Methylphenols	7.10	107	2341	0.06	ng	# 57
22) Acetophenone	7.10	105	5597	0.12	ng	# 90
24) Nitrobenzene	7.24	77	6685	0.19	ng	# 30
25) Isophorone	7.24	82	1953211	30.33	ng	# 67
27) 2,4-Dimethylphenol	7.67	122	7863	0.24	ng	# 6
28) bis(2-Chloroethoxy)methane	7.74	93	1168	0.03	ng	# 24
31) Naphthalene	7.99	128	29281	0.32	ng	# 98
32) Benzoic acid	7.67	122	7863	0.31	ng	# 92
33) 4-Chloroaniline	7.99	127	5769	0.14	ng	# 60
35) Caprolactam	8.41	113	493	0.06	ng	# 1
36) 4-Chloro-3-methylphenol	8.55	107	2897	0.10	ng	# 63
37) 2-Methylnaphthalene	8.67	142	10201	0.17	ng	# 91
45) 1,1'-Biphenyl	9.14	154	4695	0.07	ng	# 93
46) 2-Chloronaphthalene	9.15	162	215	0.00	ng	# 36
47) 2-Nitroaniline	9.24	65	461	0.03	ng	# 5
48) Acenaphthylene	9.58	152	42007	0.50	ng	# 98
49) Dimethylphthalate	9.44	163	1019077	15.70	ng	# 100
50) 2,6-Dinitrotoluene	9.44	165	10655	0.71	ng	# 1
51) Acenaphthene	9.75	154	15553	0.28	ng	# 93

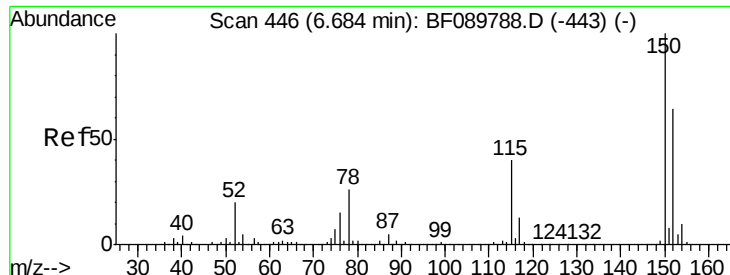
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) 3-Nitroaniline	9.67	138	556	0.03	ng	# 1
54) Dibenzofuran	9.92	168	11348	0.16	ng	# 95
55) 4-Nitrophenol	9.83	139	900	0.07	ng	# 1
56) 2,4-Dinitrotoluene	9.71	165	126327	6.50	ng	# 35
57) Fluorene	10.26	166	12689	0.23	ng	# 94
59) Diethylphthalate	10.15	149	13365	0.20	ng	# 98
60) 4-Chlorophenyl-phenylether	10.07	204	382	0.01	ng	# 69
61) 4-Nitroaniline	10.25	138	1531	0.10	ng	# 57
62) Azobenzene	10.42	77	1047	0.02	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.50	198	1526	0.18	ng	# 1
65) n-Nitrosodiphenylamine	10.38	169	3631	0.08	ng	# 97
66) 4-Bromophenyl-phenylether	10.50	248	47011	3.12	ng	# 1
68) Atrazine	11.05	200	230	0.02	ng	# 1
69) Pentachlorophenol	10.99	266	283	0.03	ng	# 64
70) Phenanthrene	11.21	178	238267	3.28	ng	# 98
71) Anthracene	11.27	178	52598	0.71	ng	# 97
72) Carbazole	11.42	167	25066	0.38	ng	# 98
73) Di-n-butylphthalate	11.77	149	180712	2.18	ng	# 98
74) Fluoranthene	12.39	202	371534	5.38	ng	# 94
76) Benzydine	12.38	184	1379	0.04	ng	# 1
77) Pyrene	12.62	202	406529	4.46	ng	# 97
79) Butylbenzylphthalate	13.27	149	1095551	26.60	ng	# 90
80) Benzo(a)anthracene	13.82	228	200053	3.12	ng	# 96
81) 3,3'-Dichlorobenzidine	13.79	252	746	0.04	ng	# 1
82) Chrysene	13.85	228	156849	2.85	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.84	149	971150	17.12	ng	# 97
84) Di-n-octyl phthalate	14.57	149	426340	5.66	ng	# 68
85) Indeno(1,2,3-cd)pyrene	16.53	276	163113	2.33	ng	# 94
87) Benzo(b)fluoranthene	14.88	252	384801	5.76	ng	# 96
88) Benzo(k)fluoranthene	14.88	252	384801	6.35	ng	# 95
89) Benzo(a)pyrene	15.19	252	227071	3.59	ng	# 90
90) Dibenzo(a,h)anthracene	16.55	278	38747	0.56	ng	# 70
91) Benzo(g,h,i)perylene	16.90	276	162202	2.24	ng	# 98

(#) = 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: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

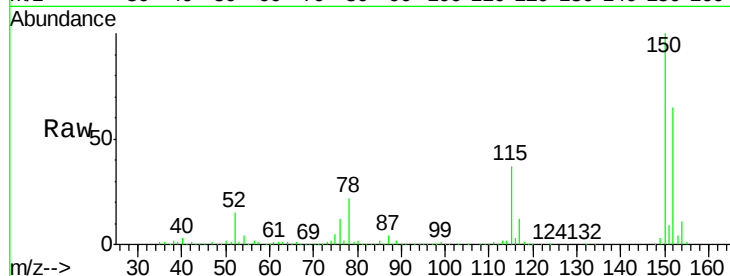
Tgt Ion:152 Resp: 592875

Ion Ratio Lower Upper

152 100

150 153.4 125.3 187.9

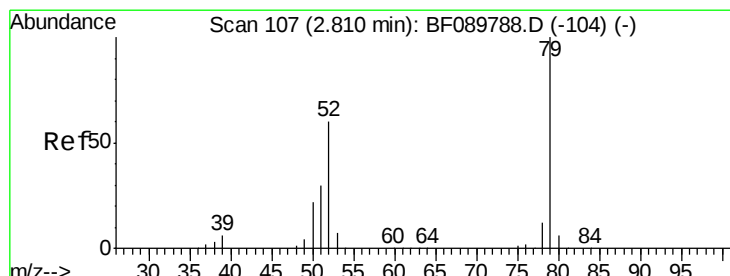
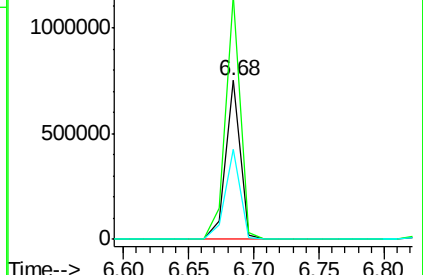
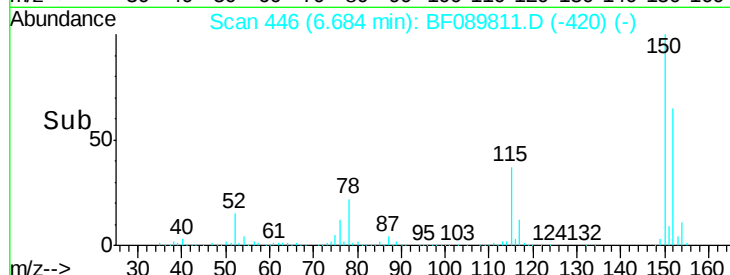
115 57.1 40.9 61.3



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: 0.04 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

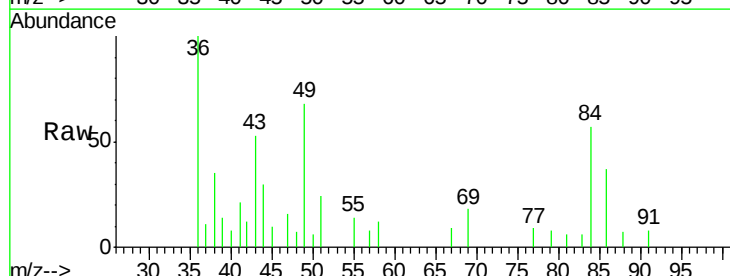
Tgt Ion: 79 Resp: 1733

Ion Ratio Lower Upper

79 100

52 0.0 53.6 80.4#

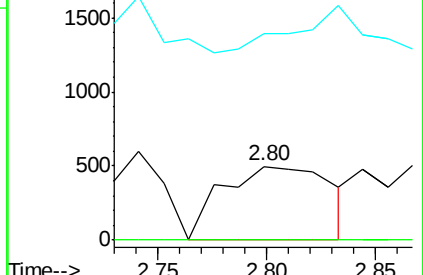
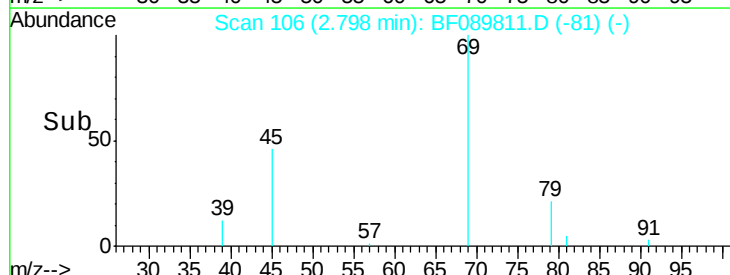
51 280.5 26.6 39.8#

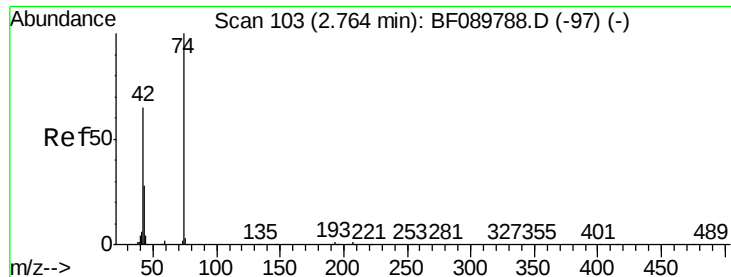


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampled :

A-1(0-5)

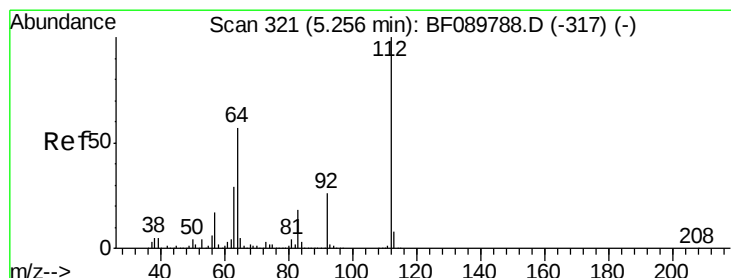
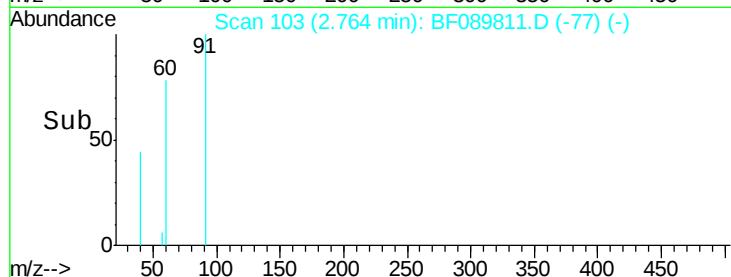
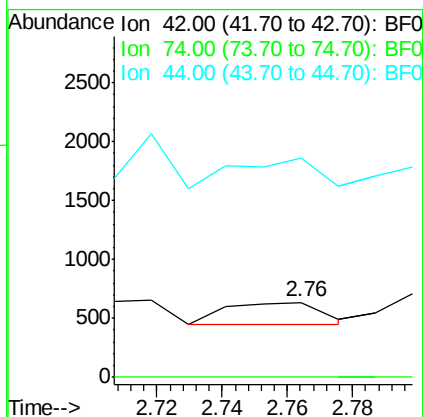
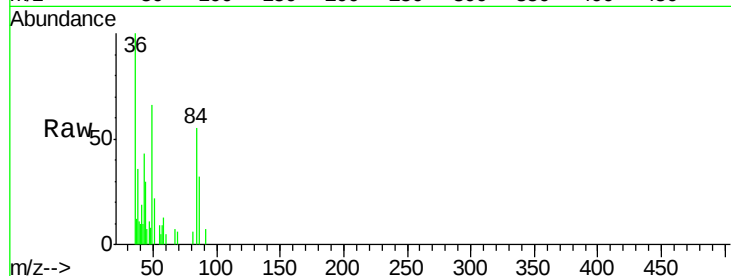
Tgt Ion: 42 Resp: 394

Ion Ratio Lower Upper

42 100

74 0.0 106.2 159.2#

44 291.7 6.9 10.3#



#5

2-Fluorophenol

Concen: 90.88 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

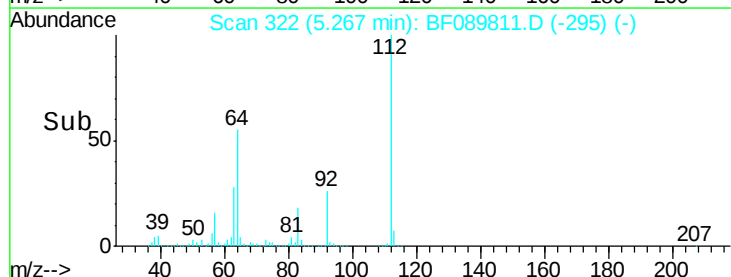
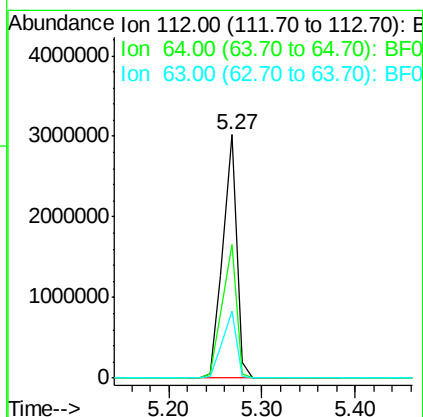
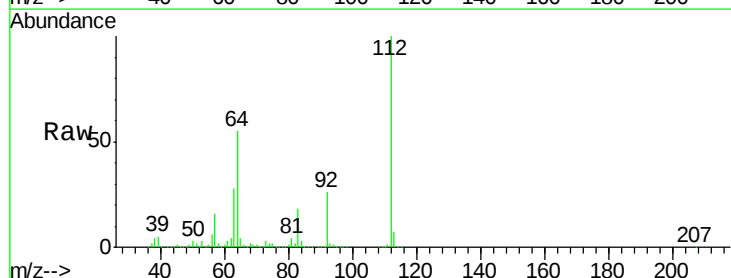
Tgt Ion: 112 Resp: 3142062

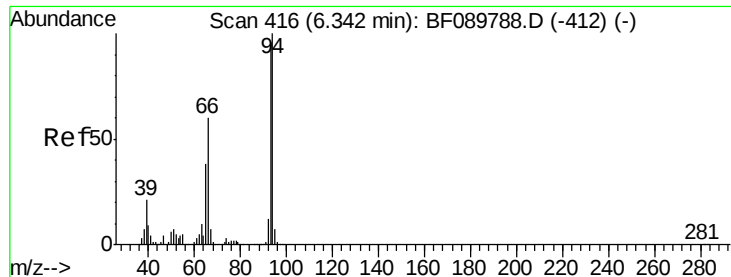
Ion Ratio Lower Upper

112 100

64 54.6 45.0 67.4

63 27.7 23.1 34.7





#6

Aniline

Concen: 0.23 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.02 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

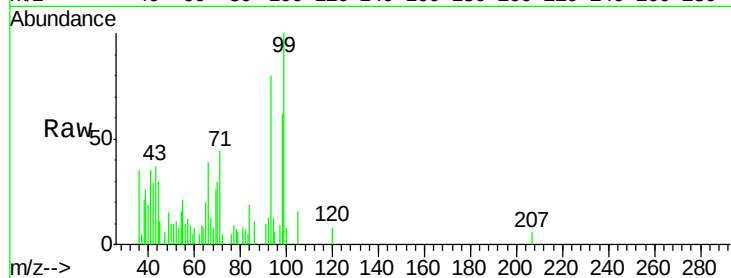
Tgt Ion: 93 Resp: 12876

Ion Ratio Lower Upper

93 100

66 48.7 30.6 46.0#

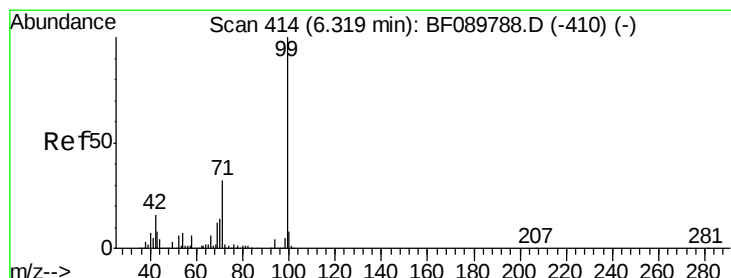
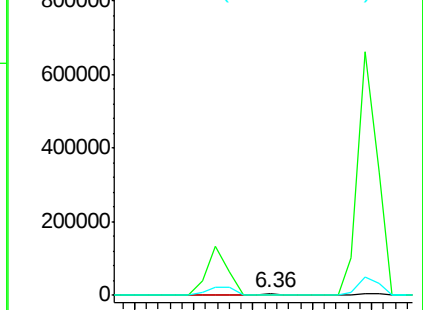
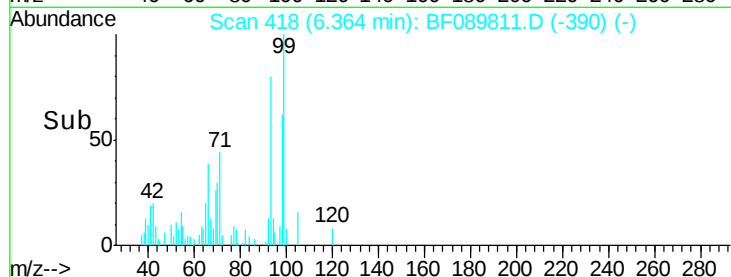
65 25.7 15.4 23.2#



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: 89.34 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

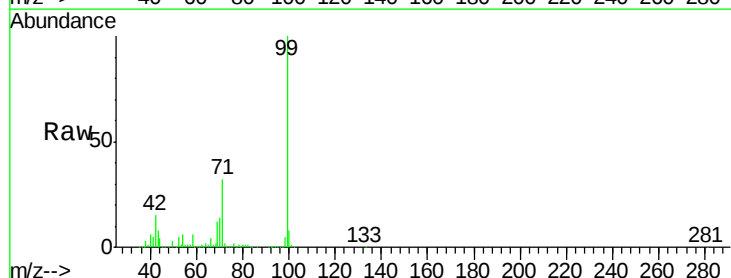
Tgt Ion: 99 Resp: 3791308

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.4

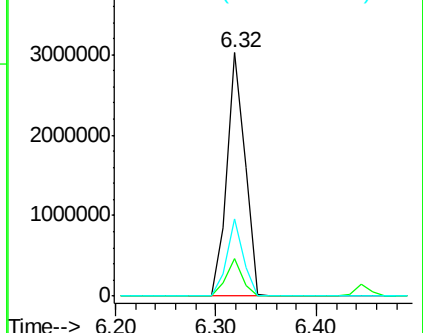
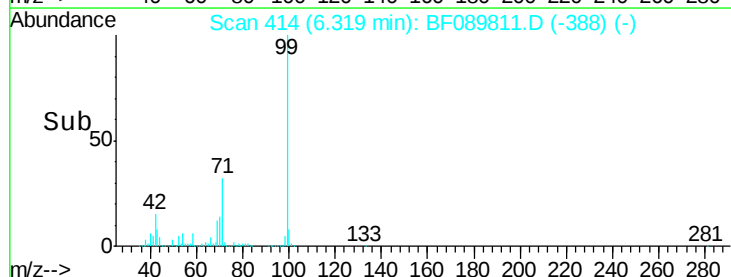
71 31.6 23.8 35.8

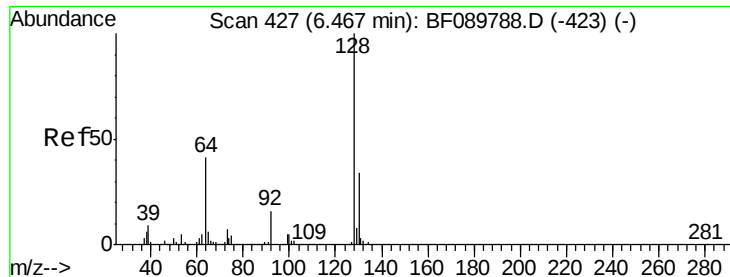


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

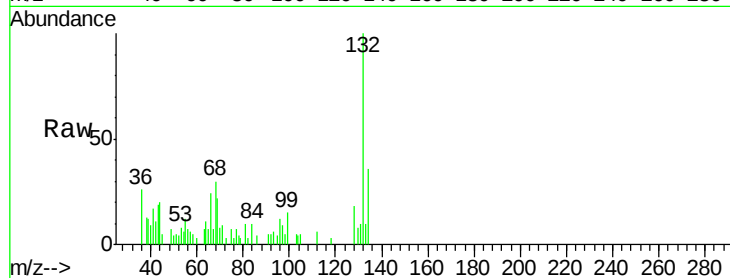
Tgt Ion:128 Resp: 1766

Ion Ratio Lower Upper

128 100

130 44.5 12.0 52.0

64 63.7 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

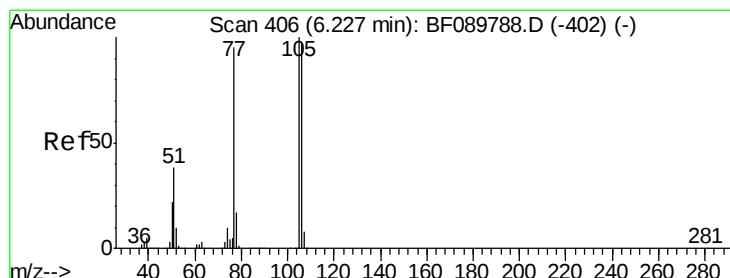
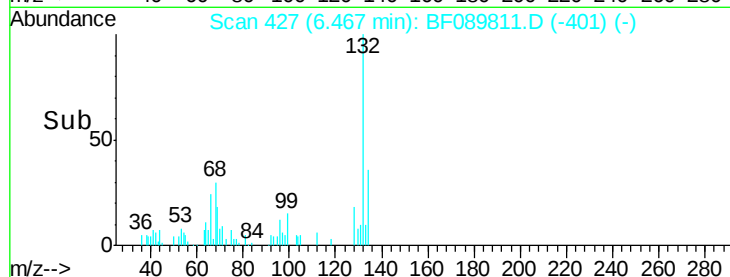
50000

0

6.45 6.50

6.47

Time-->



#9

Benzaldehyde

Concen: 0.18 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

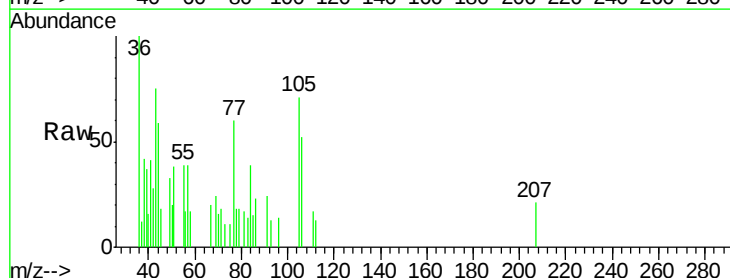
Tgt Ion: 77 Resp: 5112

Ion Ratio Lower Upper

77 100

105 119.8 73.3 113.3#

106 86.8 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

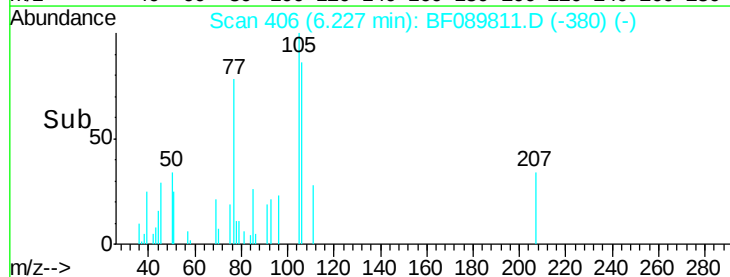
1000

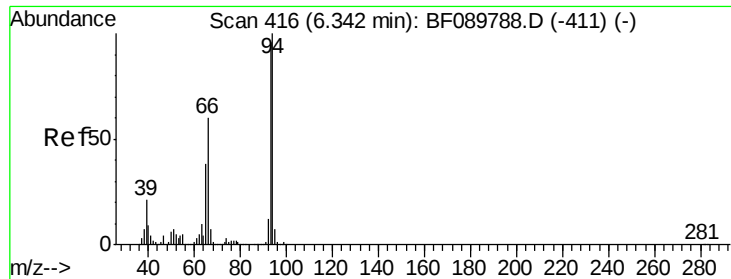
0

6.15 6.20 6.25 6.30

6.23

Time-->





#10

Phenol

Concen: 0.63 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

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ClientSampleId :

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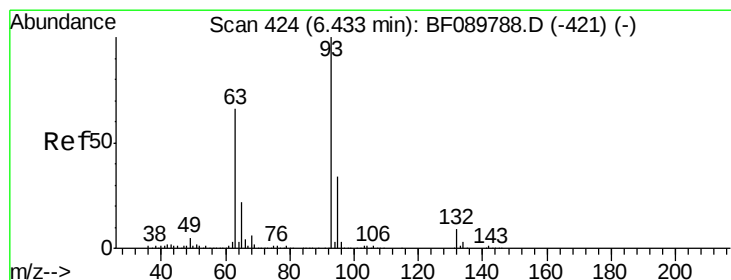
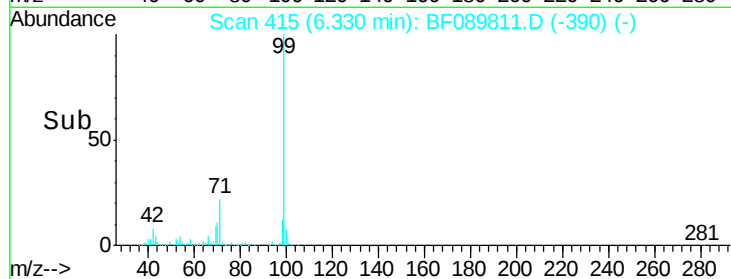
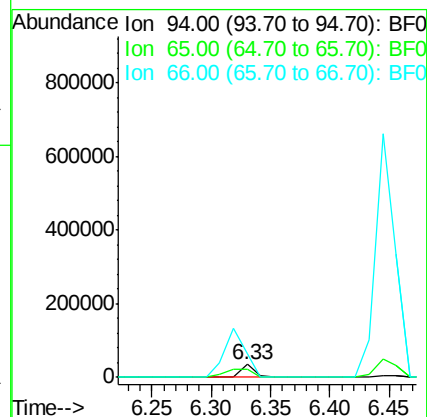
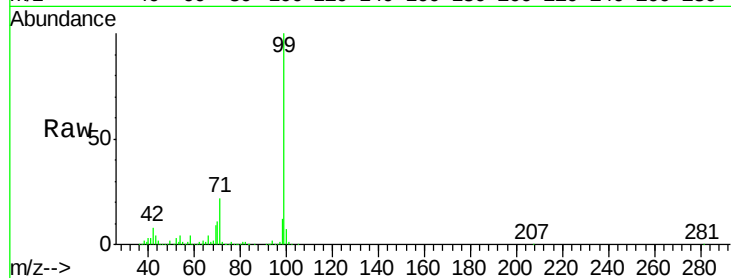
Tgt Ion: 94 Resp: 31478

Ion Ratio Lower Upper

94 100

65 58.5 14.0 54.0#

66 176.5 31.2 71.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

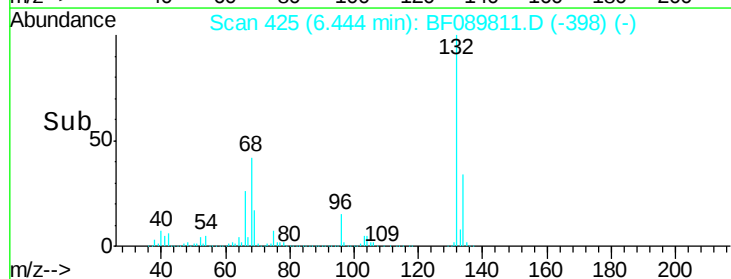
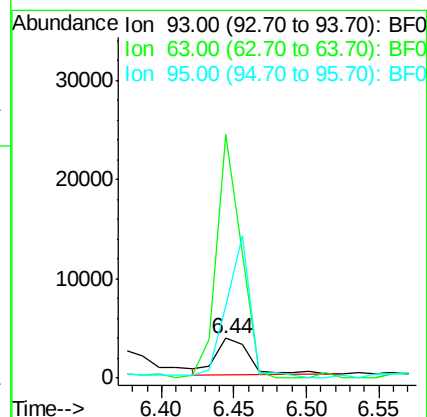
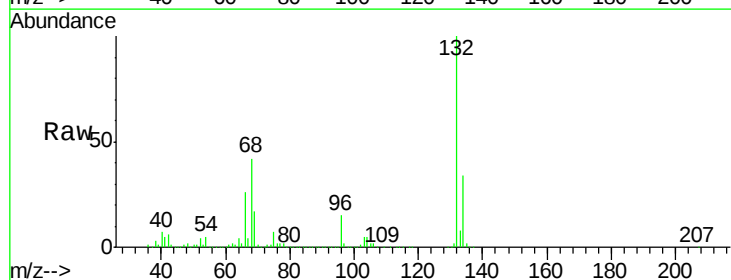
Tgt Ion: 93 Resp: 6008

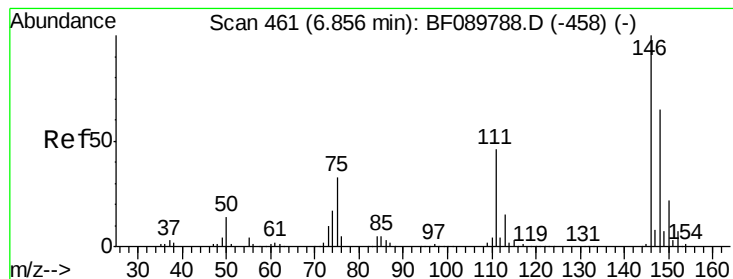
Ion Ratio Lower Upper

93 100

63 610.5 55.8 95.8#

95 179.7 13.0 53.0#





#12

1,3-Dichlorobenzene

Concen: 0.10 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

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ClientSampleId :

A-1(0-5)

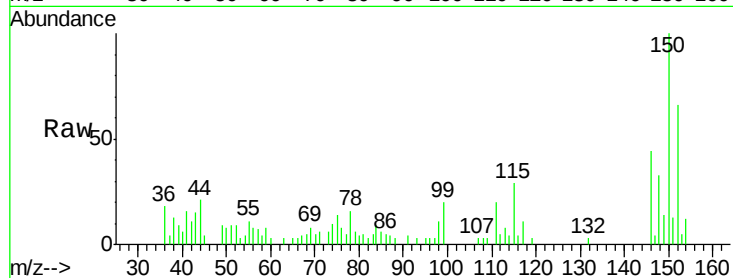
Tgt Ion:146 Resp: 4468

Ion Ratio Lower Upper

146 100

148 75.2 51.0 76.4

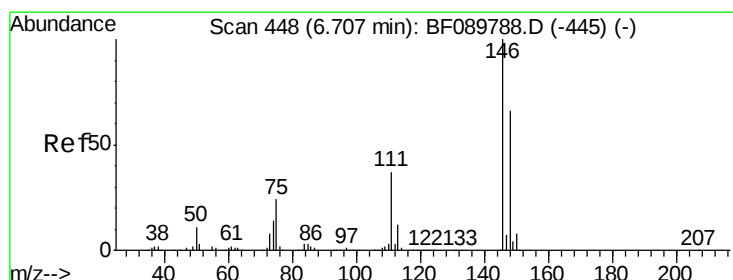
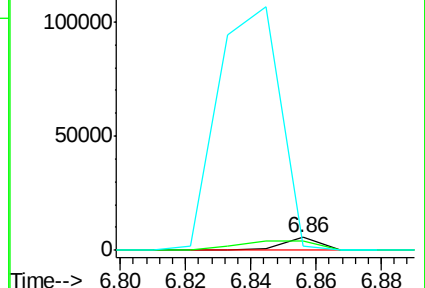
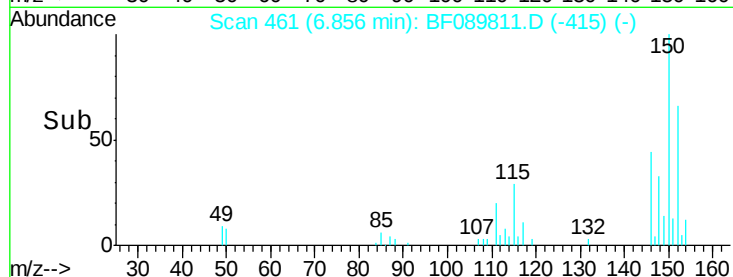
75 32.3 27.0 40.6



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: 0.10 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

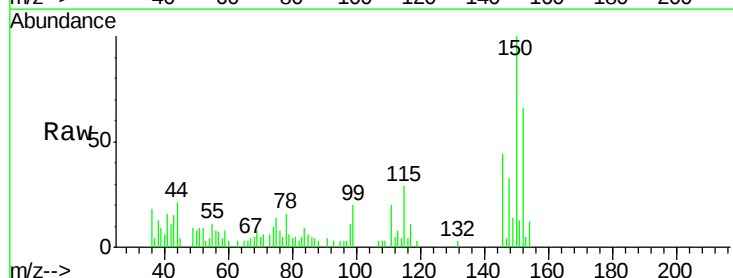
Tgt Ion:146 Resp: 4469

Ion Ratio Lower Upper

146 100

148 75.2 51.0 76.6

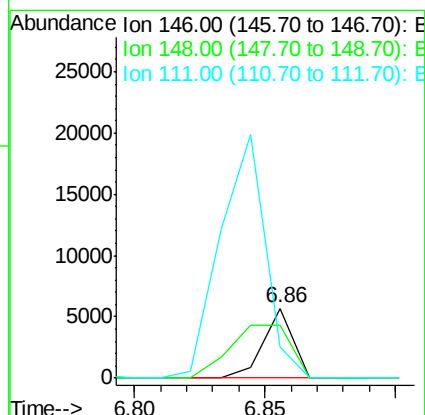
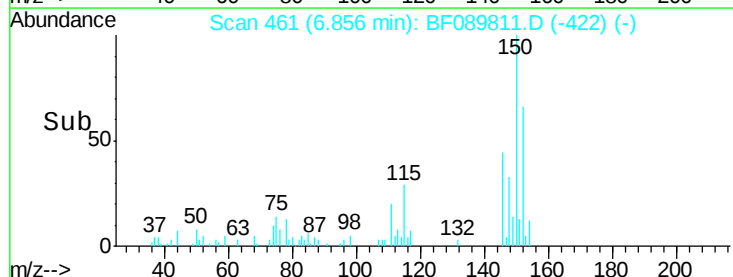
111 44.3 34.6 52.0

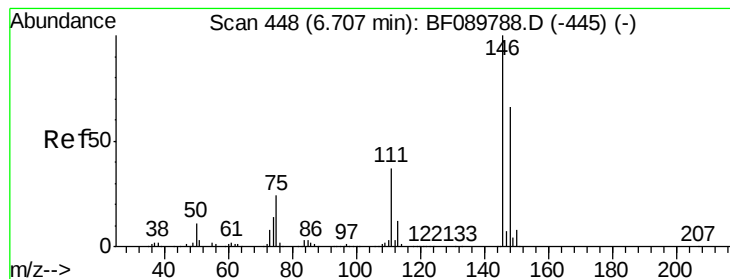


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.11 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

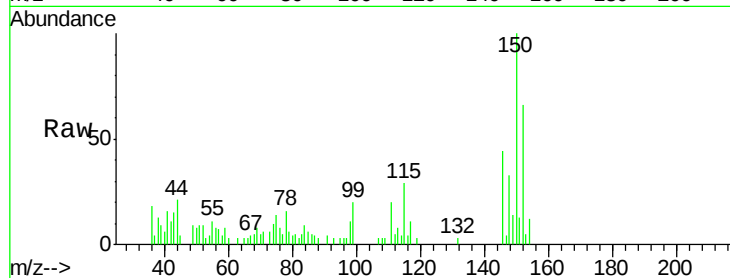
Tgt Ion:146 Resp: 4469

Ion Ratio Lower Upper

146 100

148 75.2 52.2 78.2

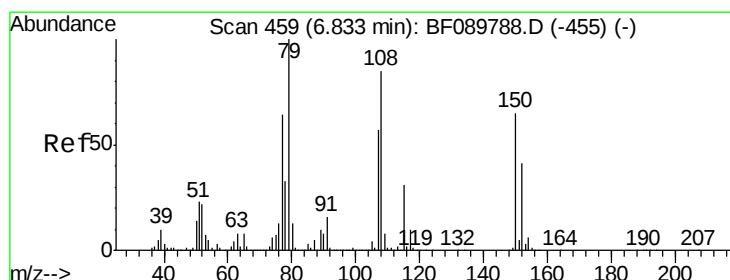
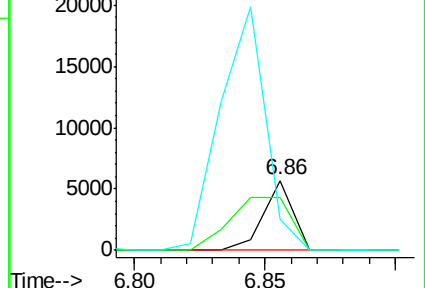
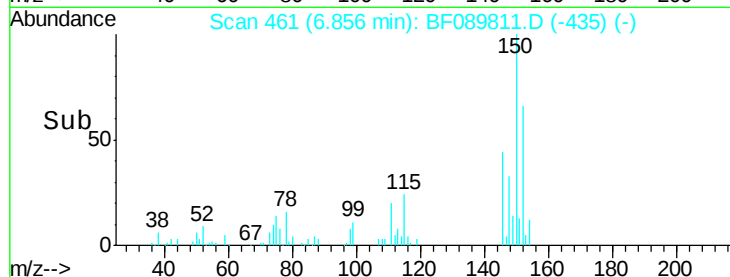
111 44.3 29.8 44.6



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: 1.46 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

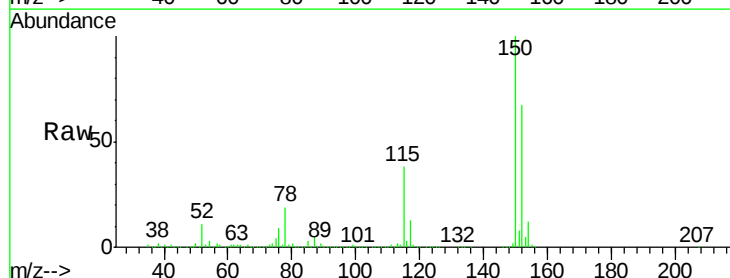
Tgt Ion: 79 Resp: 41052

Ion Ratio Lower Upper

79 100

108 37.3 62.5 93.7#

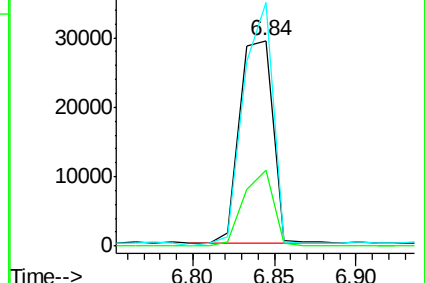
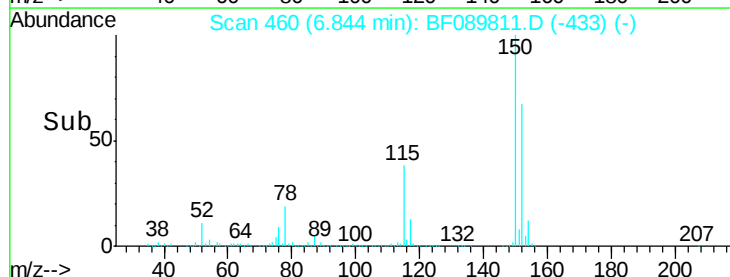
77 118.5 51.5 77.3#

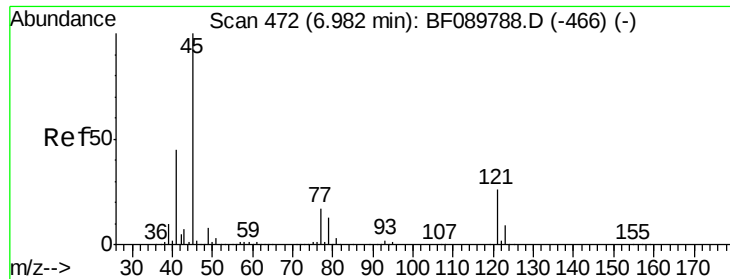


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

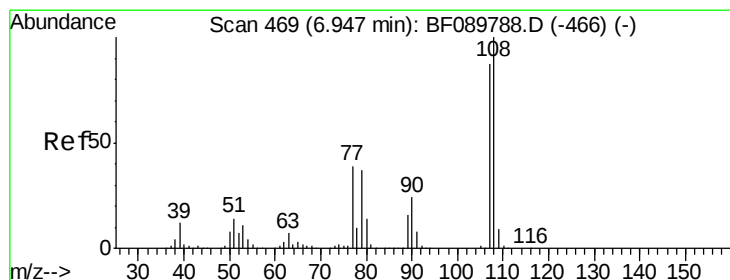
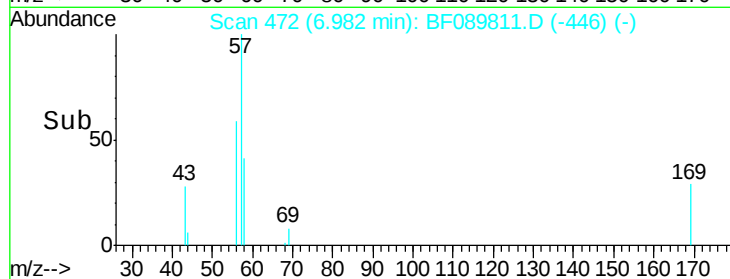
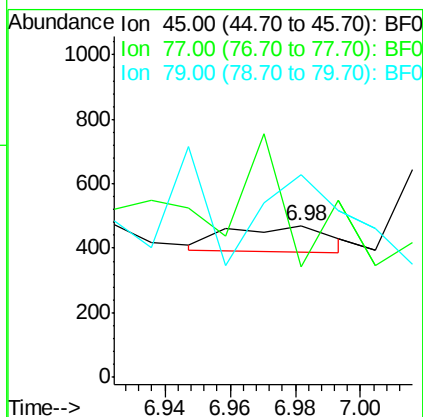
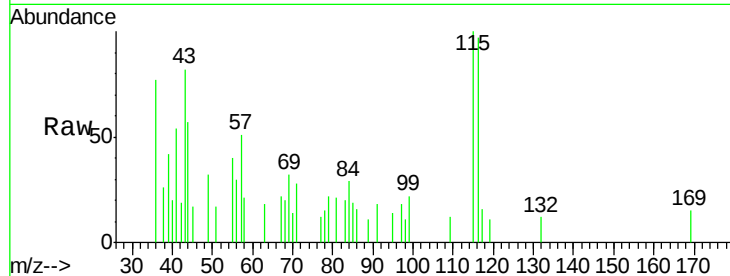




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.00 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

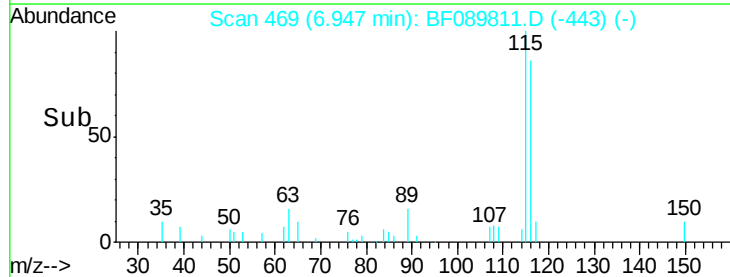
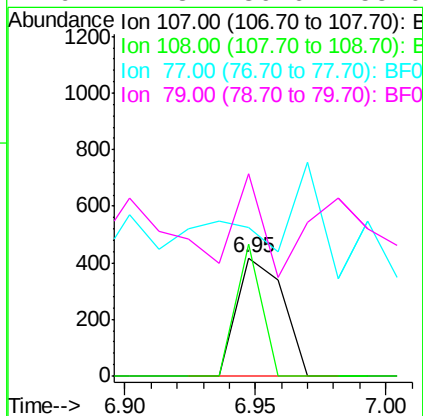
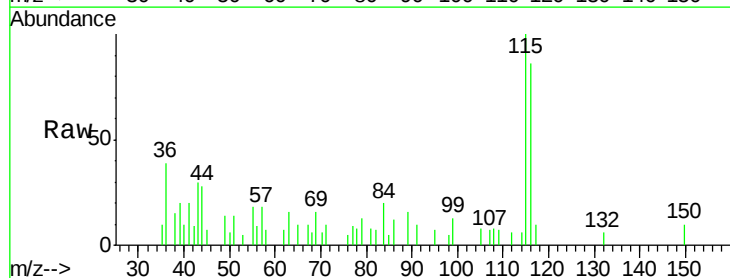
Instrument :
BNA_F
ClientSampleId :
A-1(0-5)

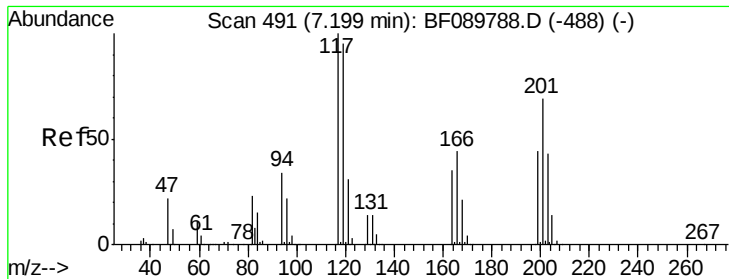
Tgt Ion: 45 Resp: 169
Ion Ratio Lower Upper
45 100
77 72.8 0.0 33.5#
79 133.1 0.0 30.7#



#17
2-Methylphenol
Concen: 0.02 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion: 107 Resp: 518
Ion Ratio Lower Upper
107 100
108 112.0 91.0 136.4
77 125.4 37.4 56.0#
79 171.3 36.6 55.0#





#18

Hexachloroethane

Concen: 0.13 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.02 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampled :

A-1(0-5)

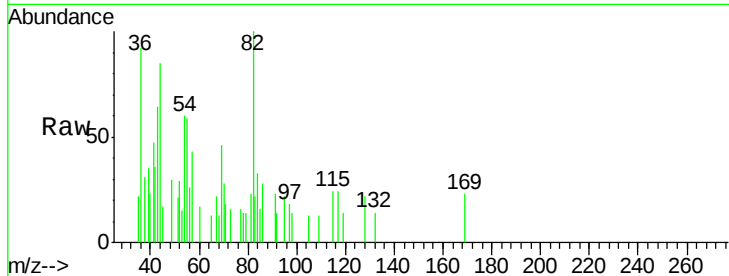
Tgt Ion:117 Resp: 2053

Ion Ratio Lower Upper

117 100

119 58.2 77.1 115.7#

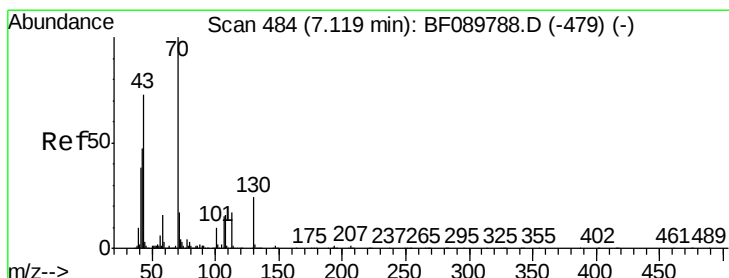
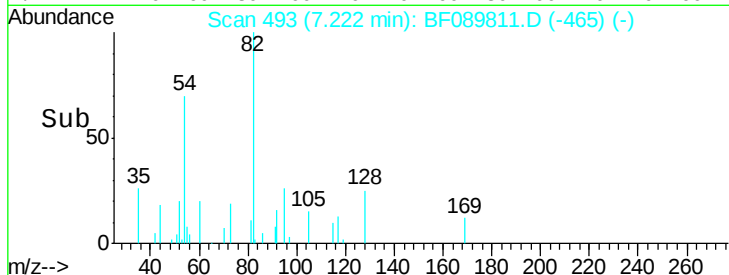
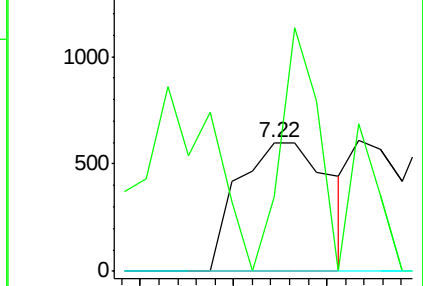
201 0.0 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 10.27 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.13 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Tgt Ion: 70 Resp: 278789

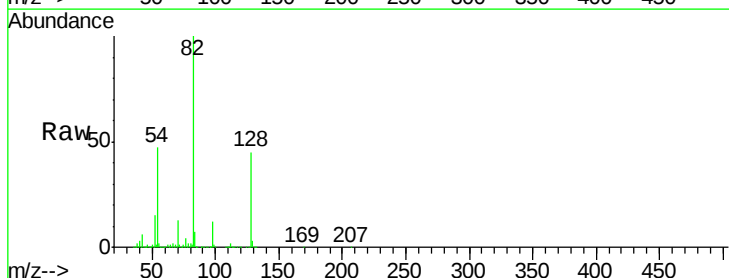
Ion Ratio Lower Upper

70 100

42 42.6 46.3 69.5#

101 0.0 7.0 10.6#

130 2.2 14.4 21.6#

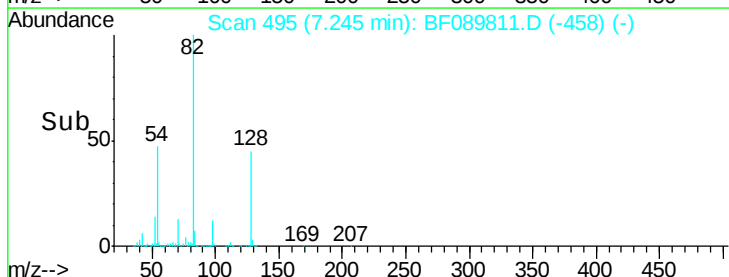
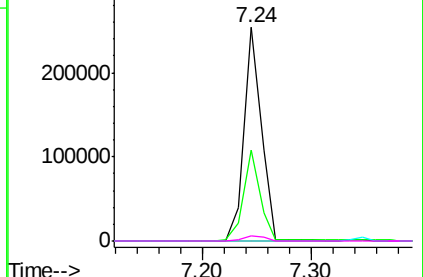


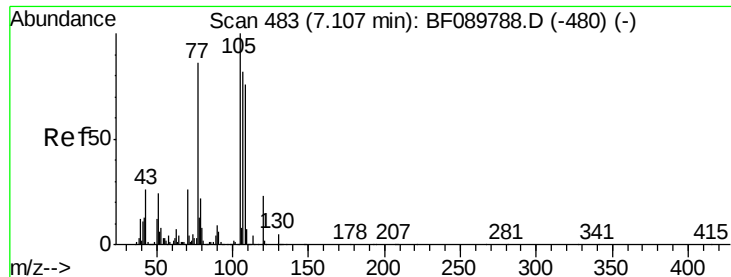
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

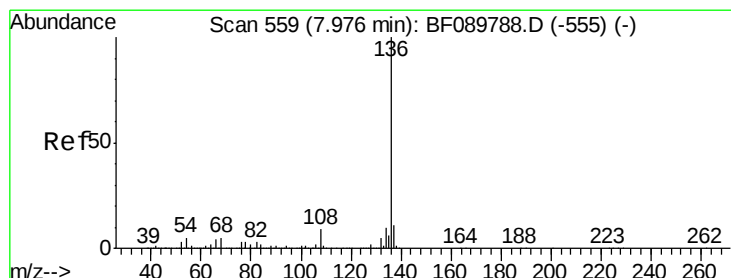
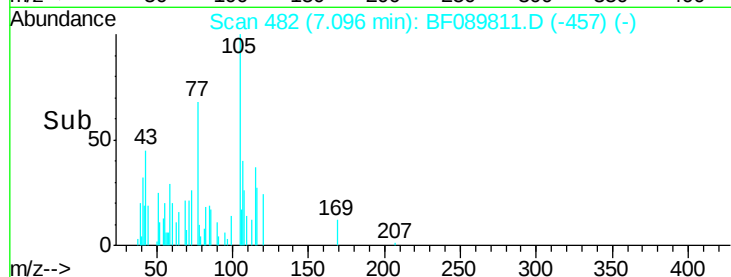
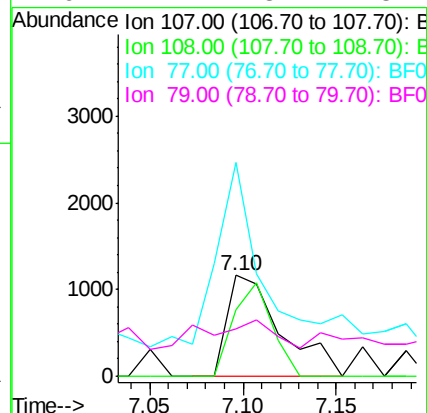
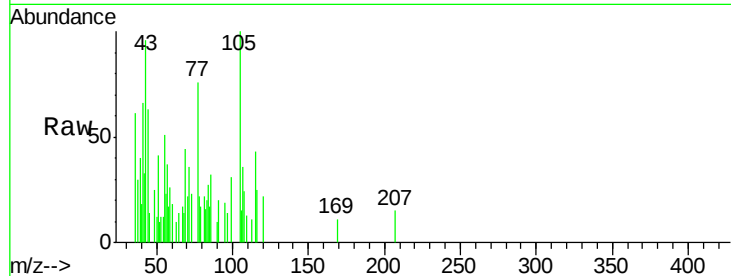




#20
3+4-Methylphenols
Concen: 0.06 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

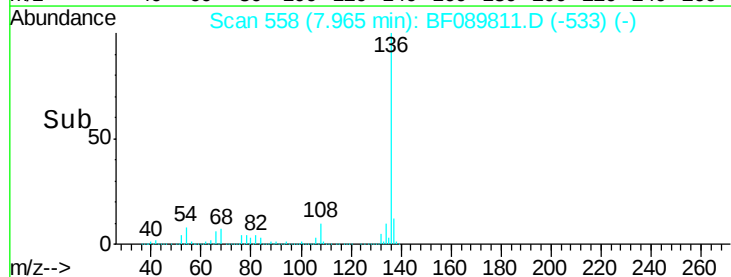
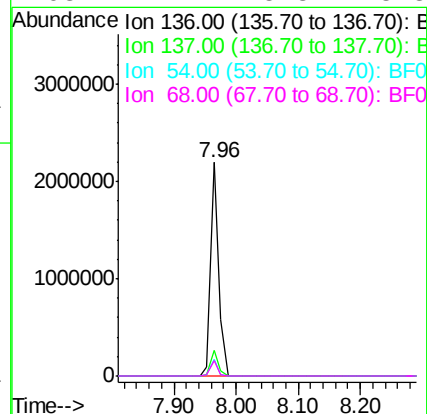
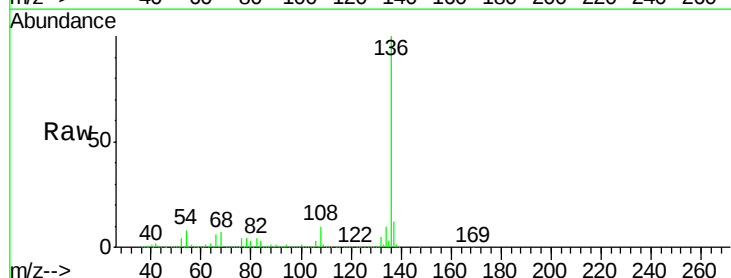
Instrument :
BNA_F
ClientSampleId :
A-1(0-5)

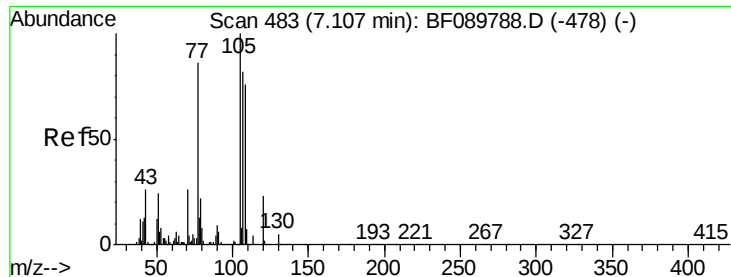
Tgt Ion:107 Resp: 2341
Ion Ratio Lower Upper
107 100
108 66.2 68.2 108.2#
77 211.9 122.3 162.3#
79 47.1 8.2 48.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion:136 Resp: 1983334
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 8.1 7.2 10.8
68 7.4 5.8 8.8





#22

Acetophenone

Concen: 0.12 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

Tgt Ion: 105 Resp: 5597

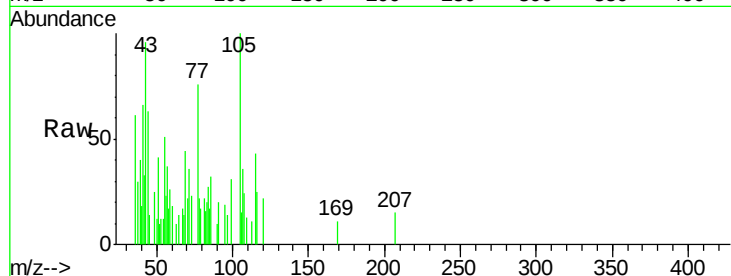
Ion Ratio Lower Upper

105 100

71 36.3 1.9 2.9#

51 40.6 28.5 42.7

120 21.7 16.6 25.0

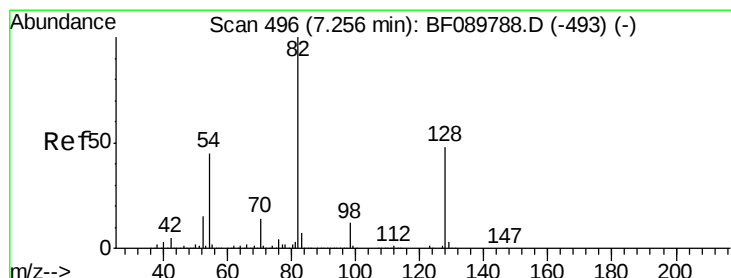
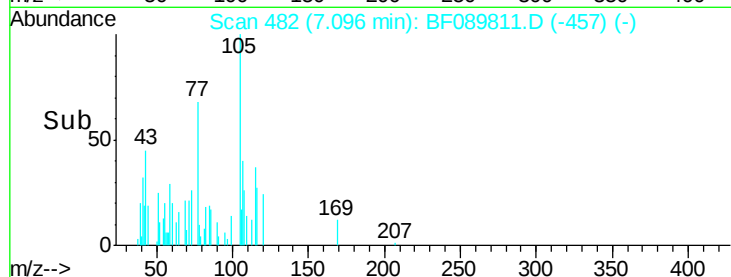
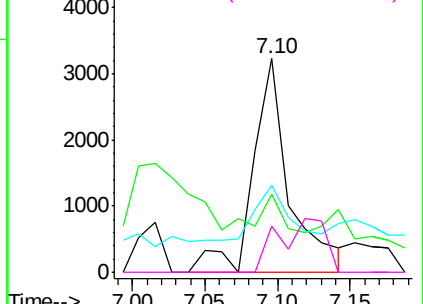


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.09 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

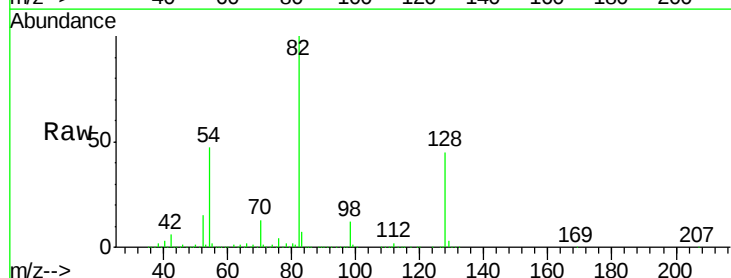
Tgt Ion: 82 Resp: 2173837

Ion Ratio Lower Upper

82 100

128 44.7 34.4 51.6

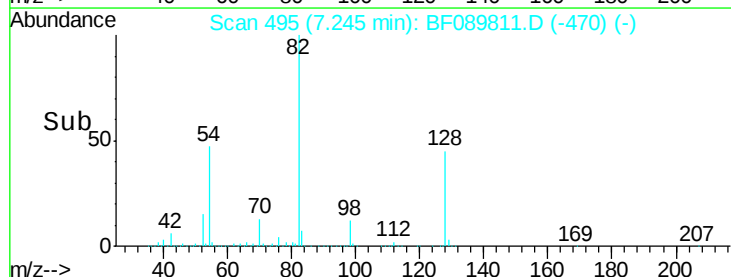
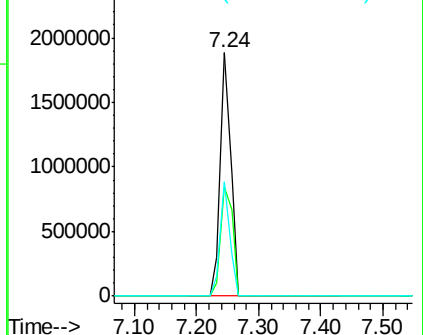
54 46.8 40.3 60.5

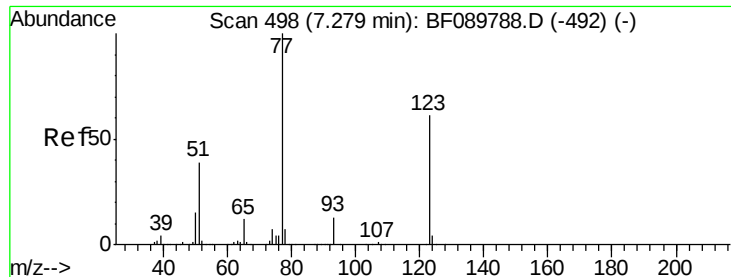


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.19 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

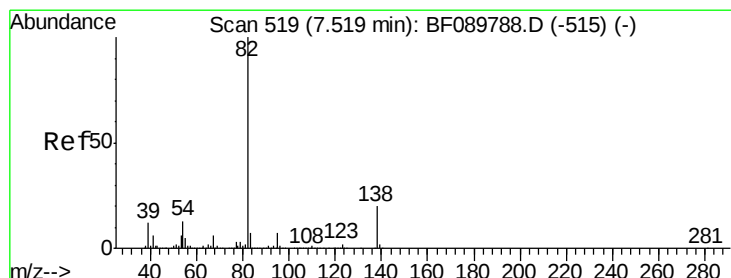
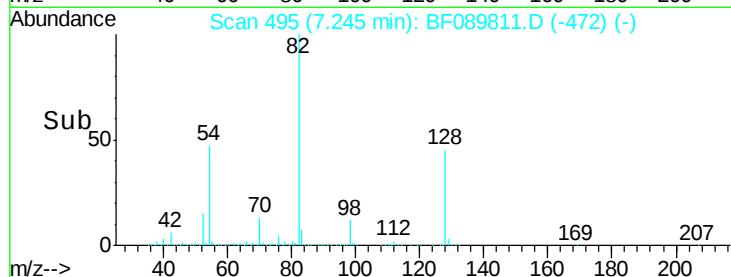
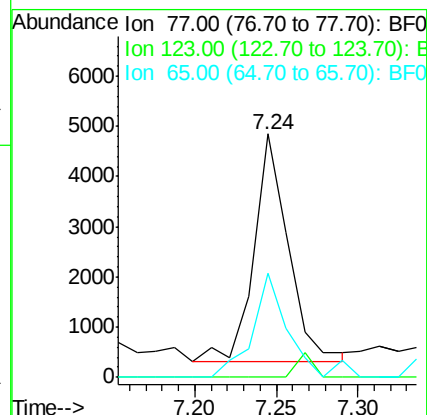
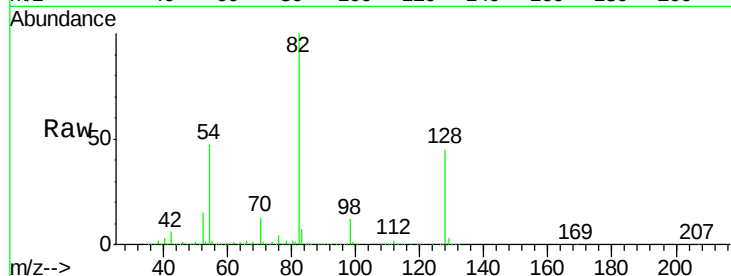
Tgt Ion: 77 Resp: 6685

Ion Ratio Lower Upper

77 100

123 0.0 36.2 54.2#

65 42.7 10.6 15.8#



#25

Isophorone

Concen: 30.33 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.27 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

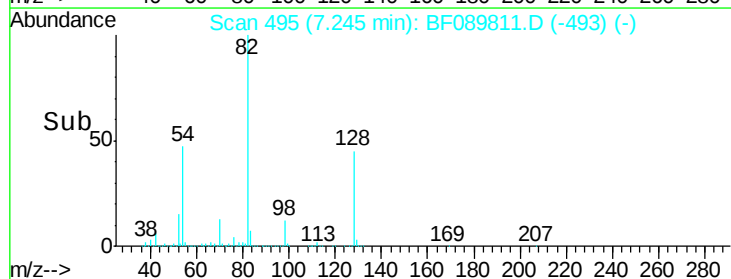
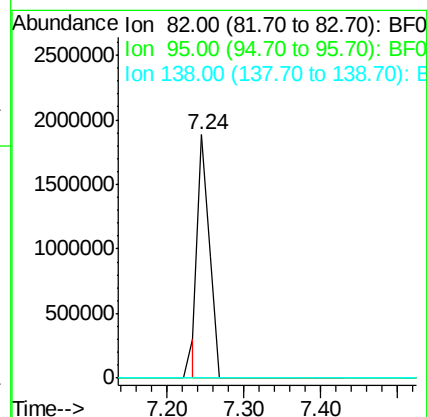
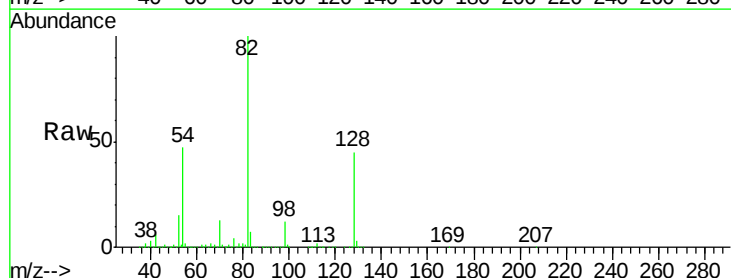
Tgt Ion: 82 Resp: 1953211

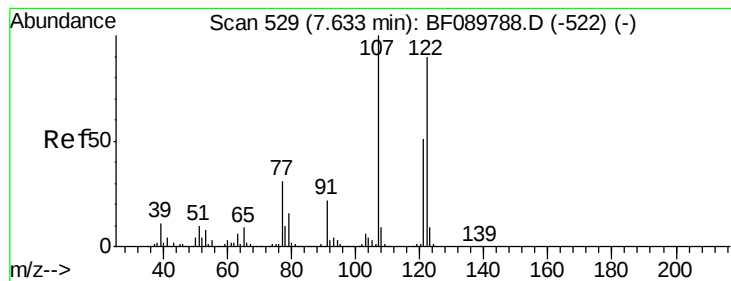
Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.0 19.4#





#27

2,4-Dimethylphenol

Concen: 0.24 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.03 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

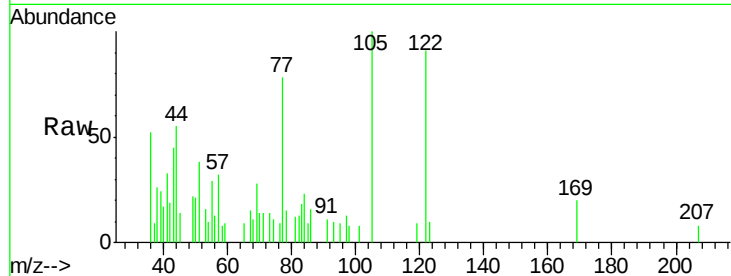
Tgt Ion:122 Resp: 7863

Ion Ratio Lower Upper

122 100

107 0.0 84.8 127.2#

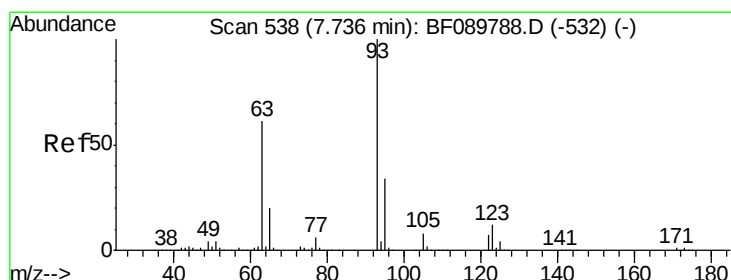
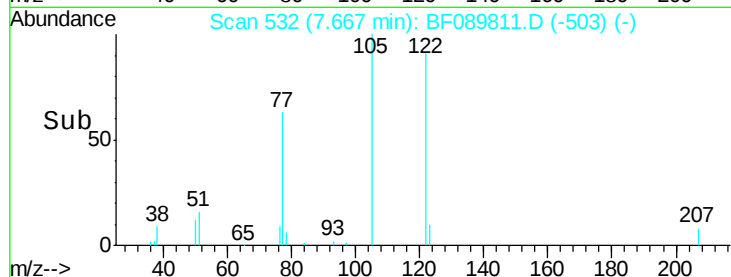
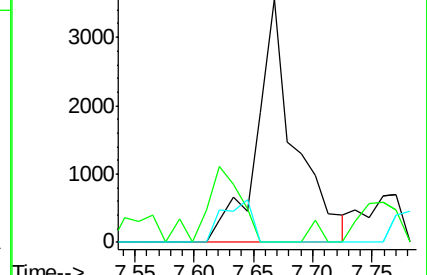
121 0.0 47.0 70.6#



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: 0.03 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

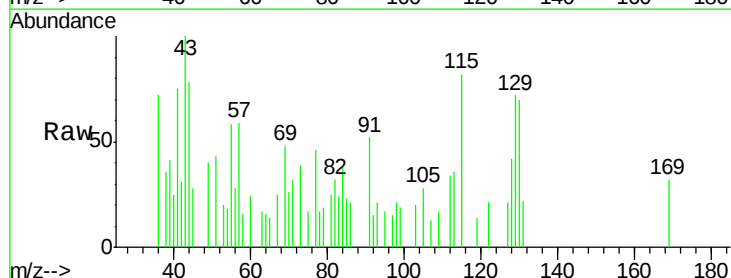
Tgt Ion: 93 Resp: 1168

Ion Ratio Lower Upper

93 100

95 83.3 25.5 38.3#

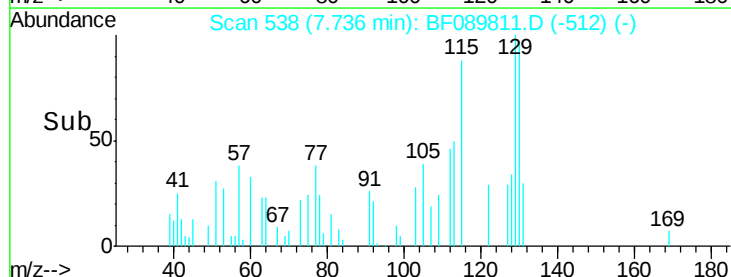
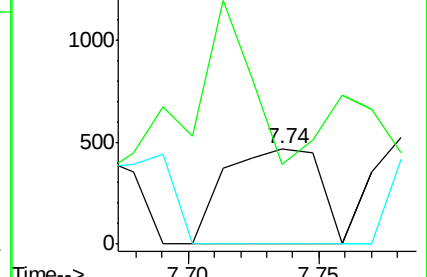
123 0.0 8.5 12.7#

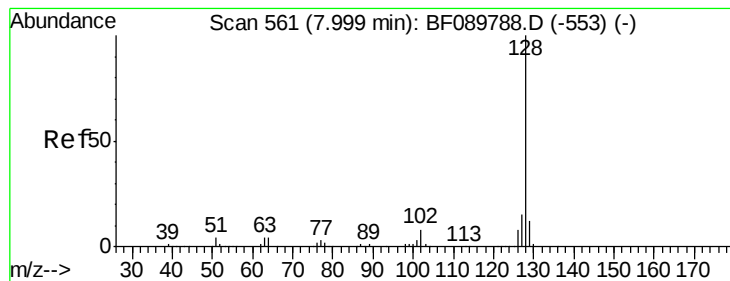


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 0.32 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

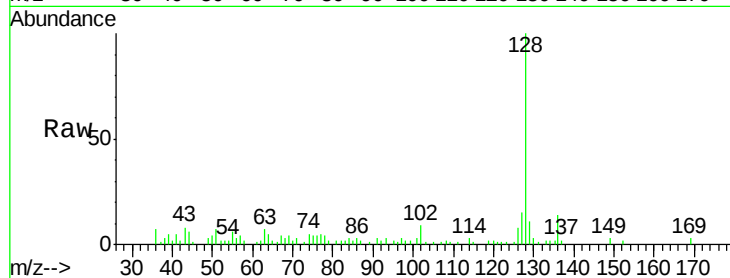
Tgt Ion:128 Resp: 29281

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

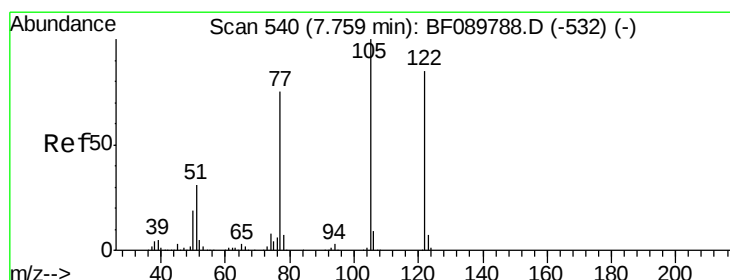
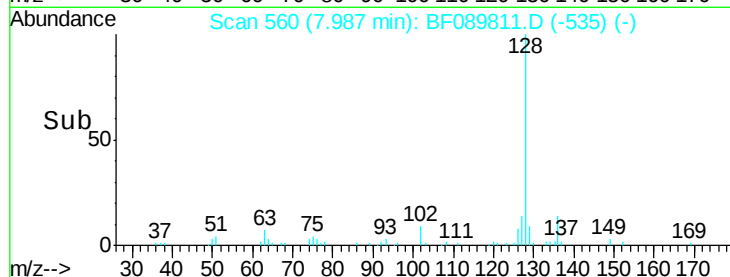
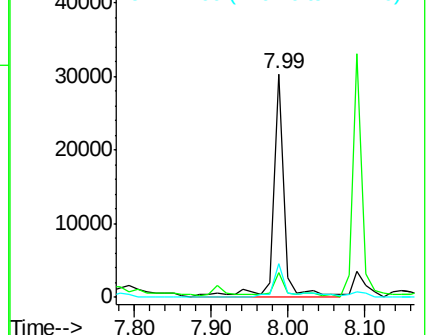
127 14.8 11.3 16.9



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: 0.31 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.09 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

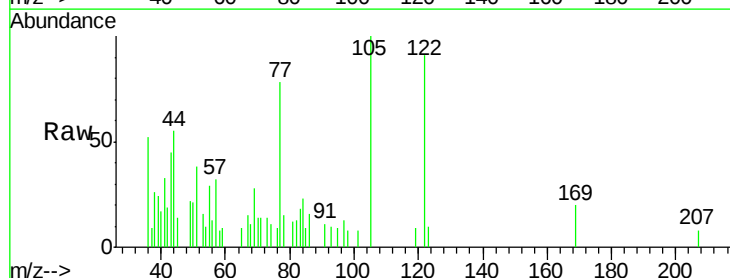
Tgt Ion:122 Resp: 7863

Ion Ratio Lower Upper

122 100

105 110.4 100.8 140.8

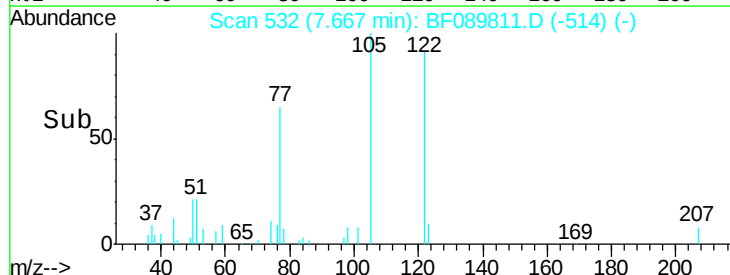
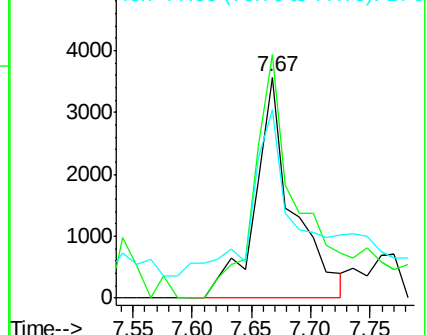
77 85.8 72.1 112.1

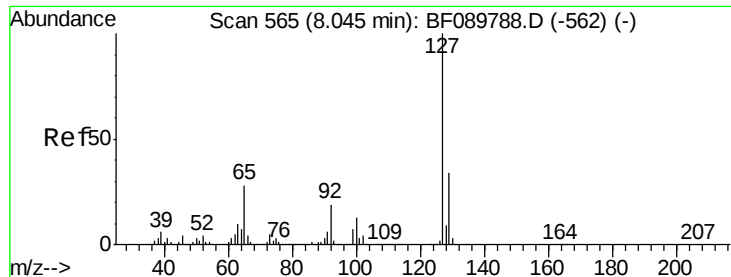


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

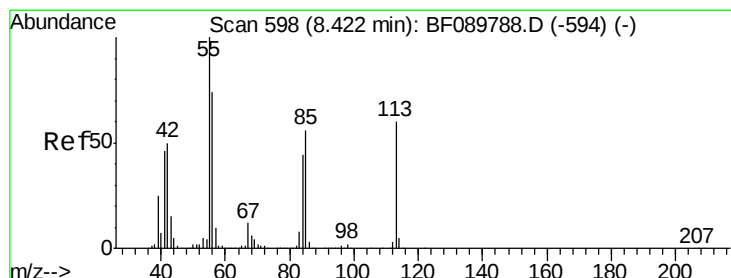
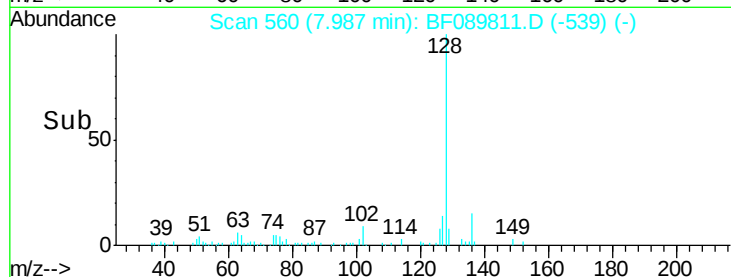
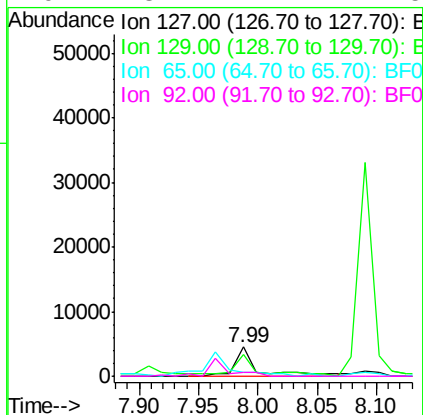
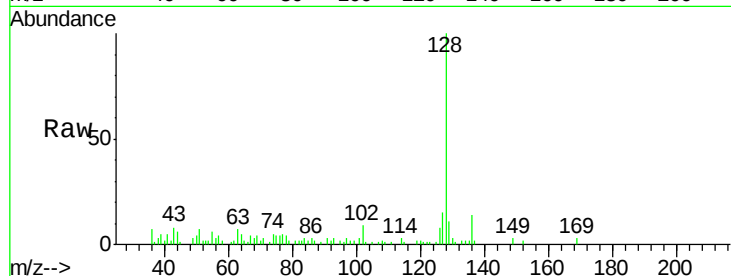




#33
 4-Chloroaniline
 Concen: 0.14 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.06 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

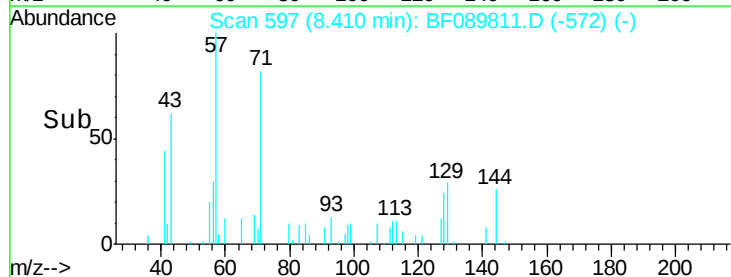
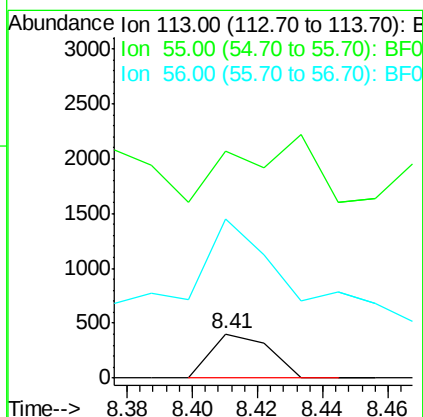
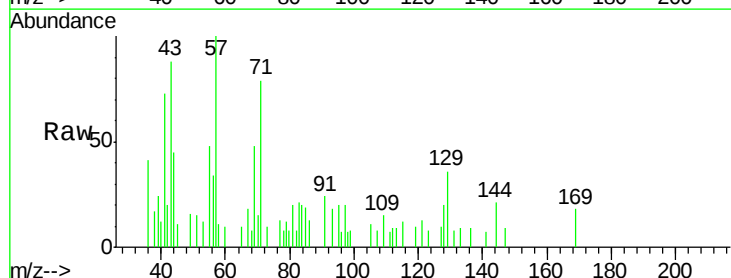
Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-5)

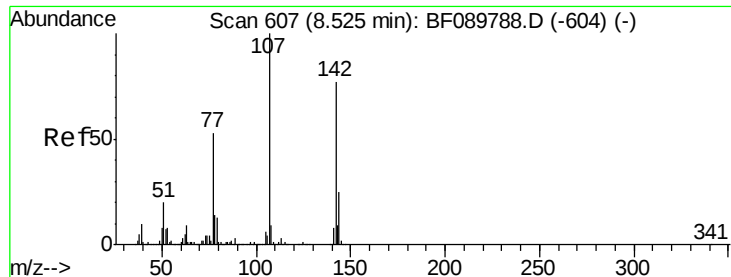
Tgt Ion:	127	Resp:	5769
Ion	Ratio	Lower	Upper
127	100		
129	75.4	27.0	40.6#
65	14.9	14.7	22.1
92	13.2	11.7	17.5



#35
 Caprolactam
 Concen: 0.06 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Tgt Ion:	113	Resp:	493
Ion	Ratio	Lower	Upper
113	100		
55	510.1	135.9	175.9#
56	358.6	93.9	133.9#

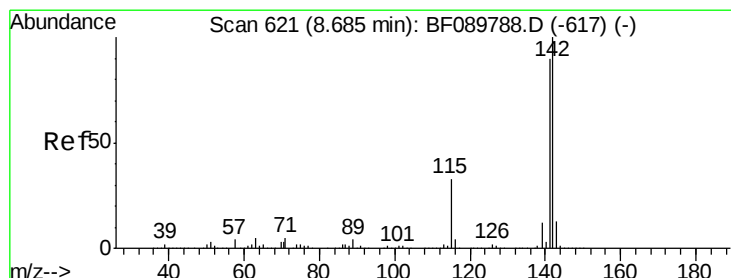
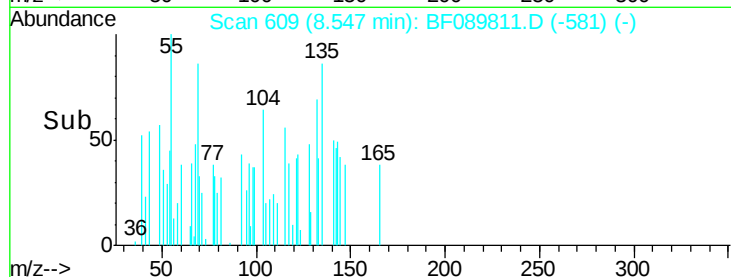
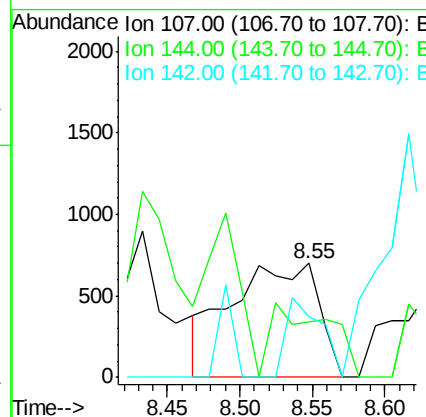
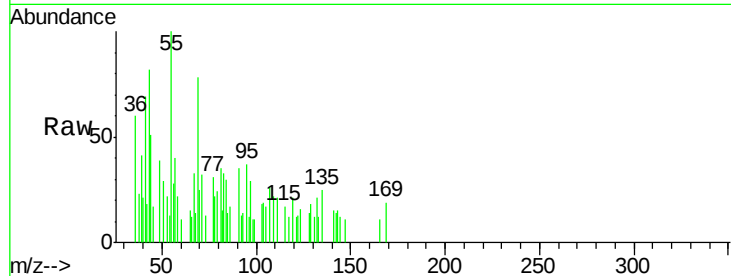




#36
 4-Chloro-3-methylphenol
 Concen: 0.10 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.02 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

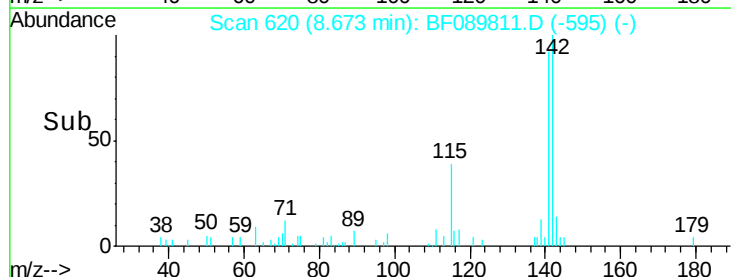
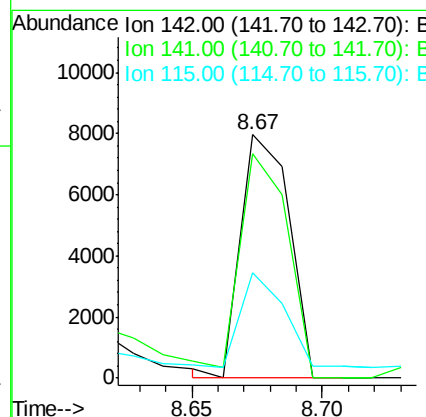
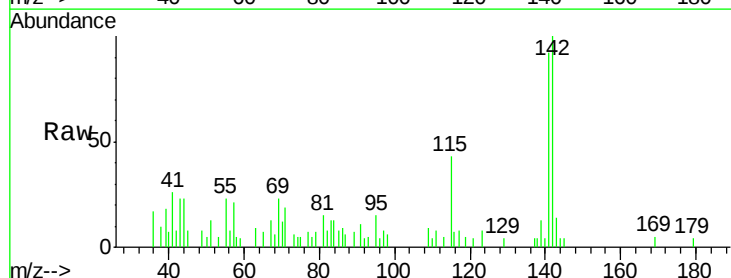
Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-5)

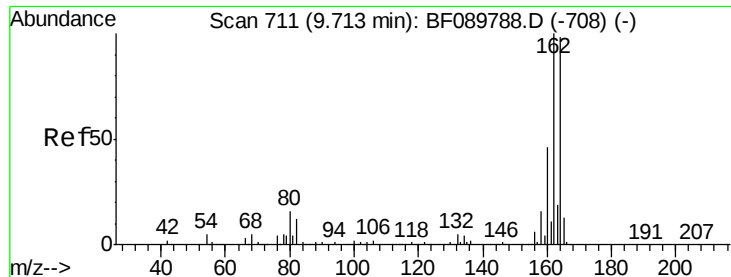
Tgt Ion:107 Resp: 2897
 Ion Ratio Lower Upper
 107 100
 144 48.4 22.6 34.0#
 142 53.3 69.3 103.9#



#37
 2-Methylnaphthalene
 Concen: 0.17 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Tgt Ion:142 Resp: 10201
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.4 107.2
 115 43.3 22.7 34.1#

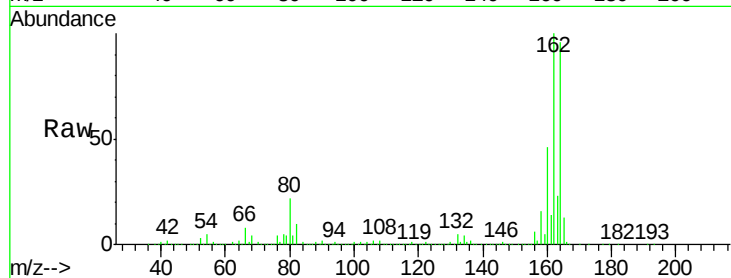




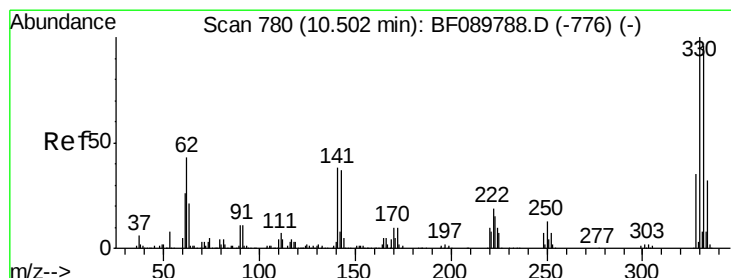
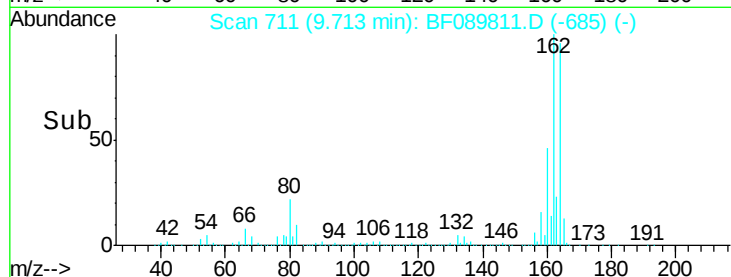
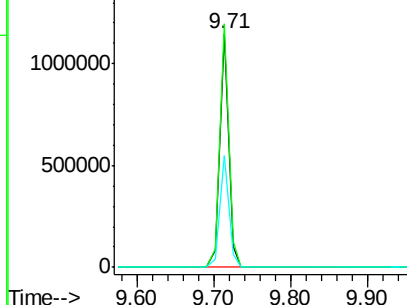
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-5)

Tgt Ion:164 Resp: 921818
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.2
160 48.0 37.8 56.6

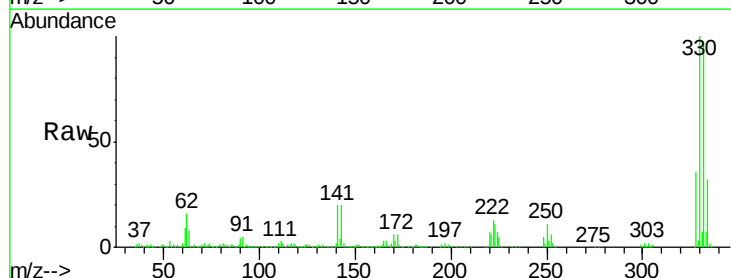


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

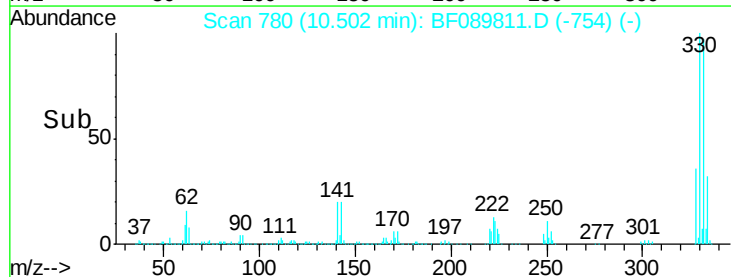
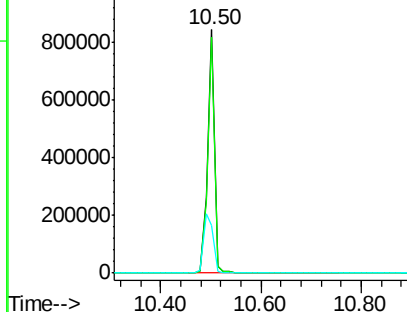


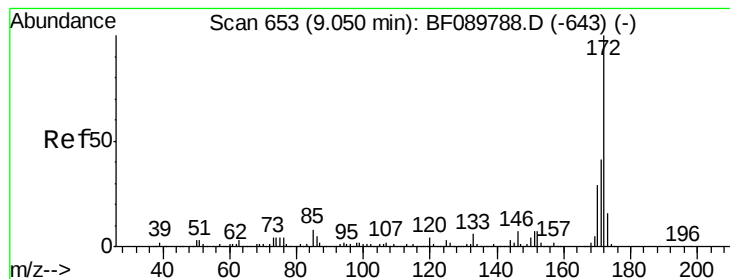
#41
2,4,6-Tribromophenol
Concen: 91.21 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion:330 Resp: 799062
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 33.5 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

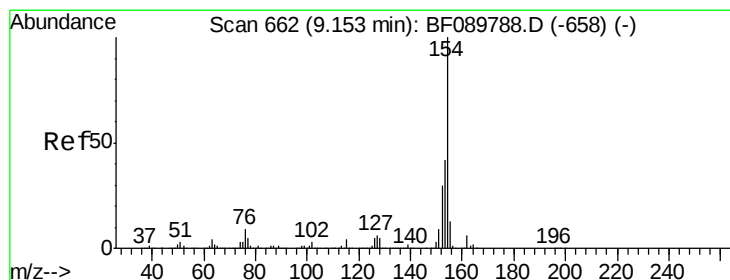
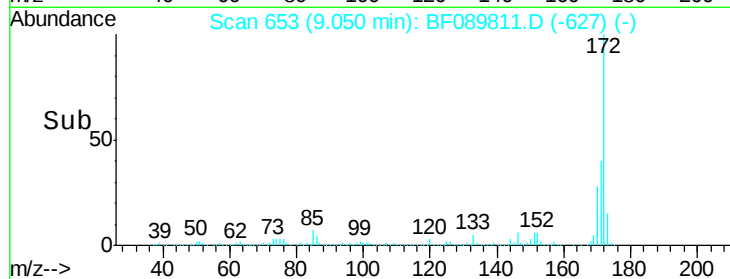
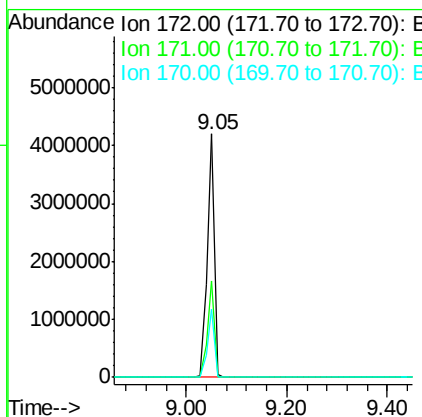
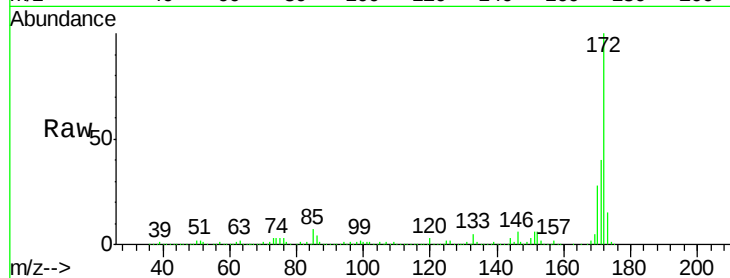




#44
 2-Fluorobiphenyl
 Concen: 77.57 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

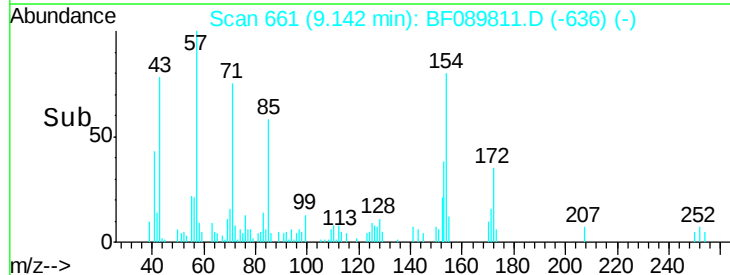
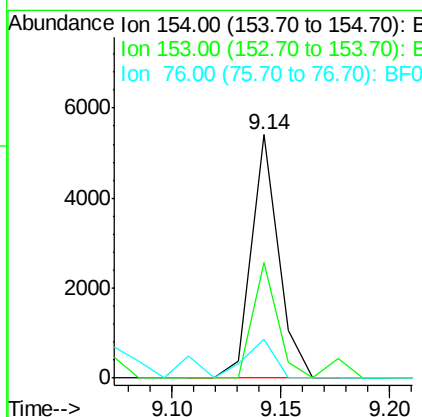
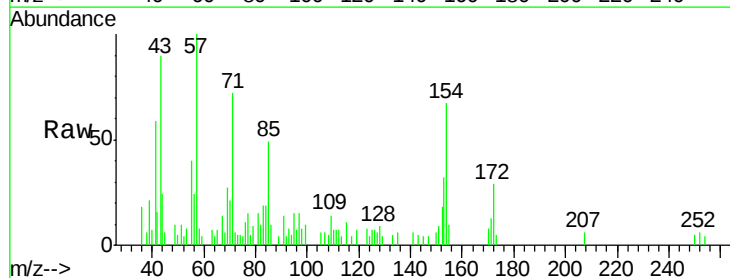
Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-5)

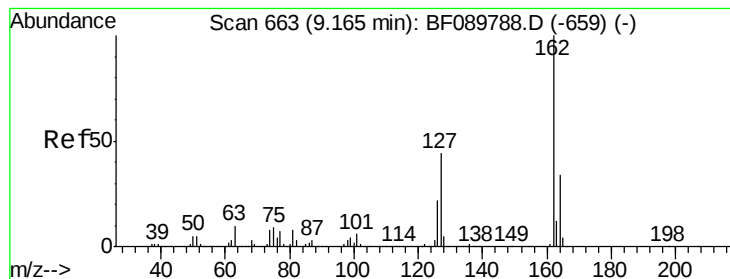
Tgt Ion:172 Resp: 4068434
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.5 45.7
 170 27.8 20.6 31.0



#45
 1,1'-Biphenyl
 Concen: 0.07 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Tgt Ion:154 Resp: 4695
 Ion Ratio Lower Upper
 154 100
 153 47.7 21.5 61.5
 76 16.0 0.0 36.7





#46

2-Chloronaphthalene

Concen: 0.00 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

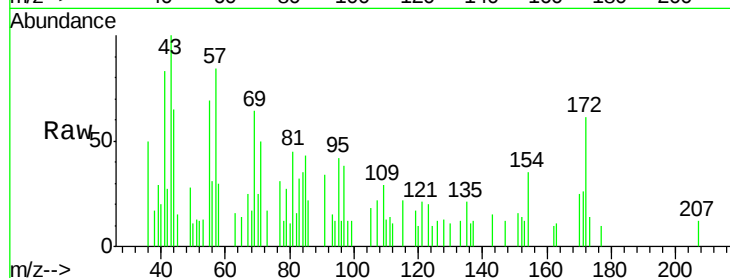
Tgt Ion: 162 Resp: 215

Ion Ratio Lower Upper

162 100

127 0.0 35.5 53.3#

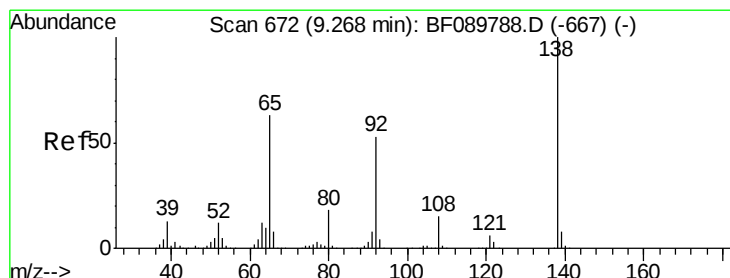
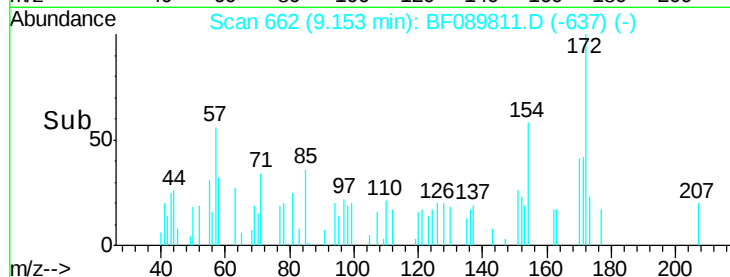
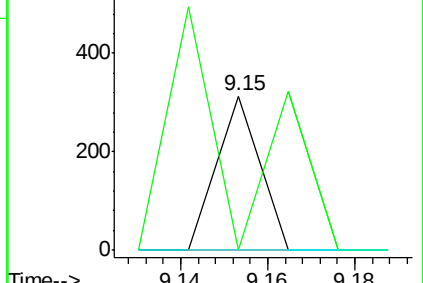
164 0.0 26.6 40.0#



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: 0.03 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

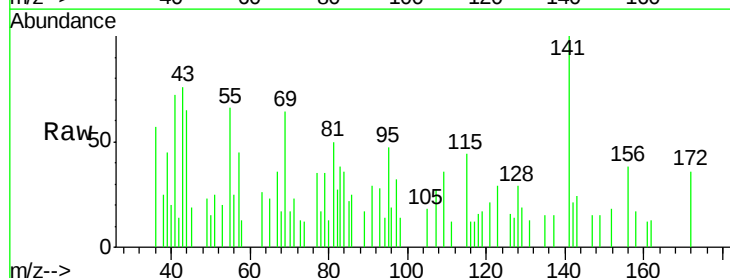
Tgt Ion: 65 Resp: 461

Ion Ratio Lower Upper

65 100

92 0.0 56.3 84.5#

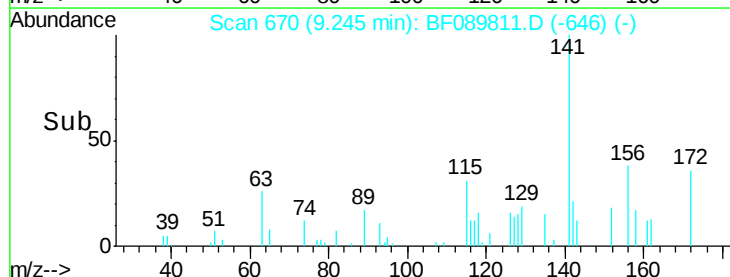
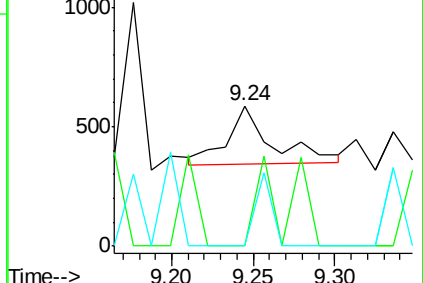
138 0.0 81.8 122.8#

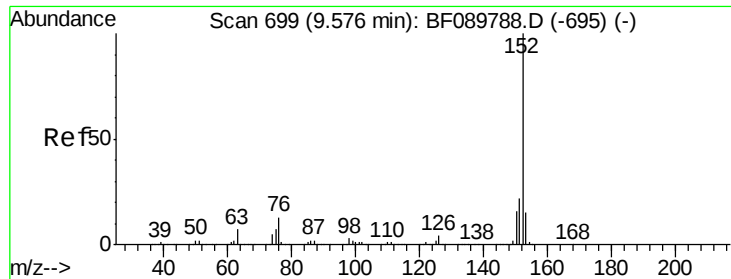


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.50 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

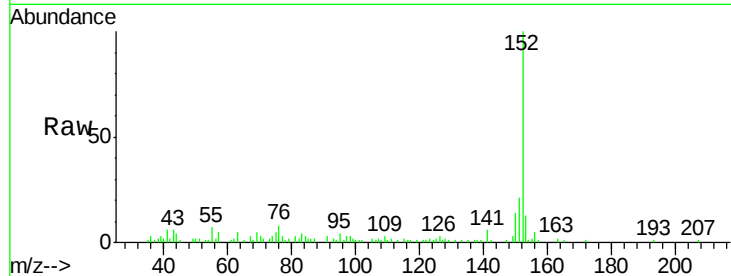
Tgt Ion:152 Resp: 42007

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

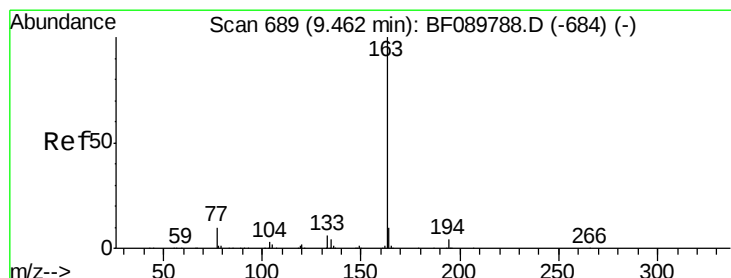
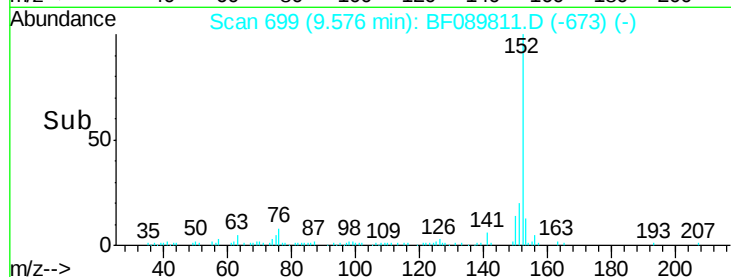
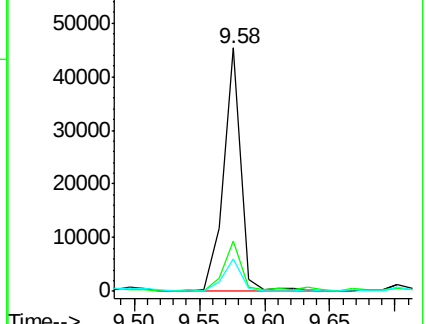
153 13.4 11.2 16.8



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: 15.70 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

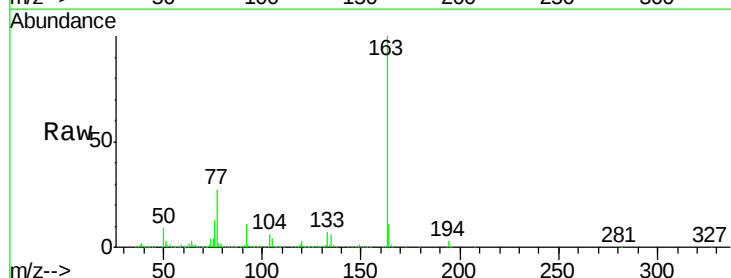
Tgt Ion:163 Resp: 1019077

Ion Ratio Lower Upper

163 100

194 3.0 2.6 3.8

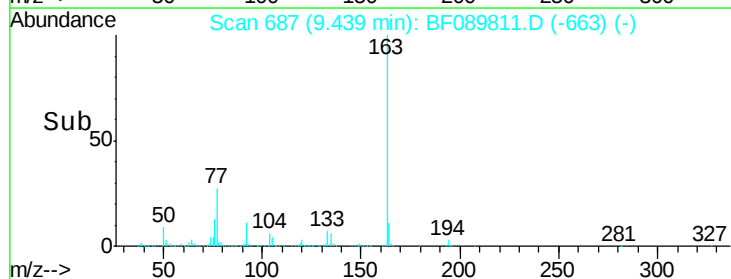
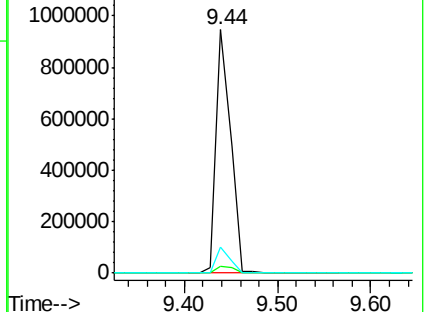
164 10.8 8.6 12.8

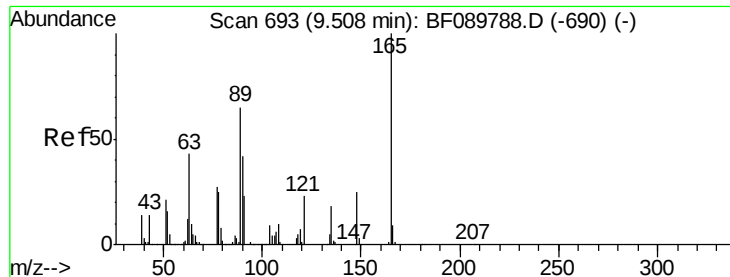


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

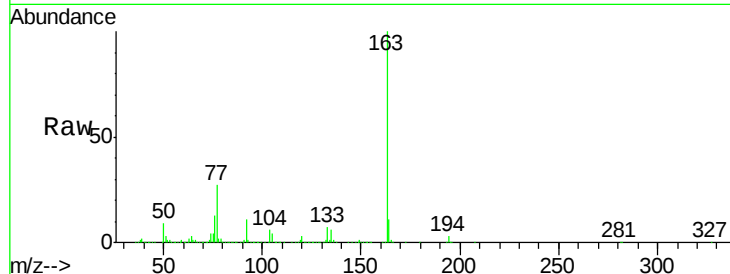




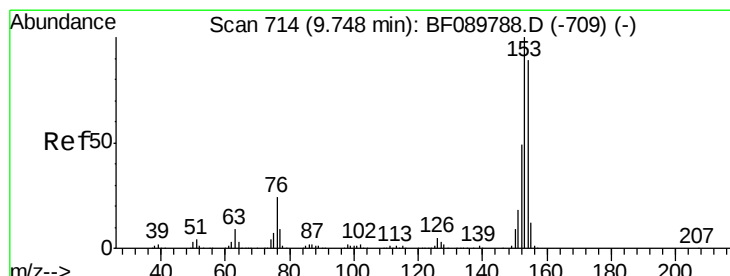
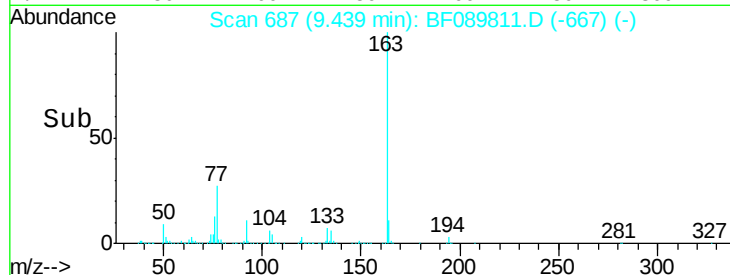
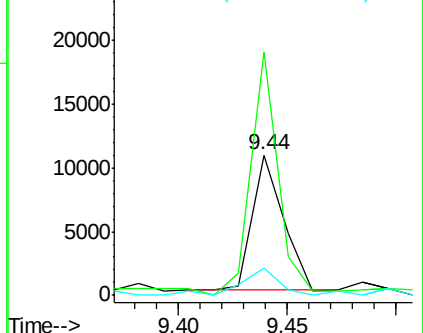
#50
2,6-Dinitrotoluene
Concen: 0.71 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Instrument :
BNA_F
ClientSampled :
A-1(0-5)

Tgt Ion:165 Resp: 10655
Ion Ratio Lower Upper
165 100
63 173.6 41.7 62.5#
89 19.0 44.6 67.0#

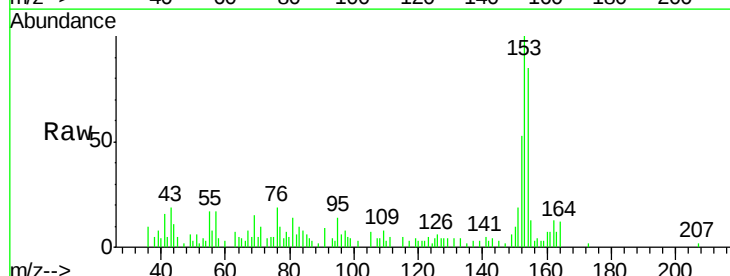


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

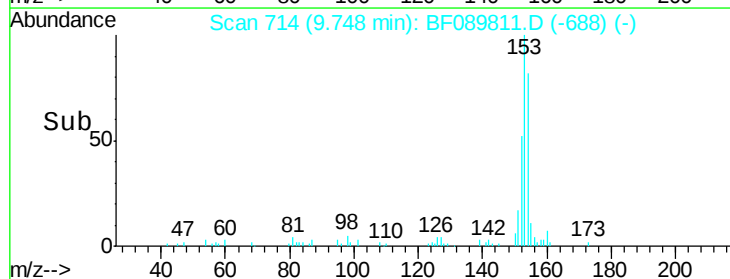
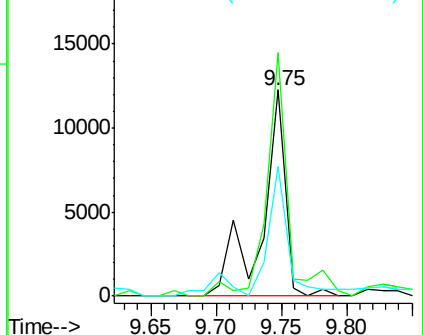


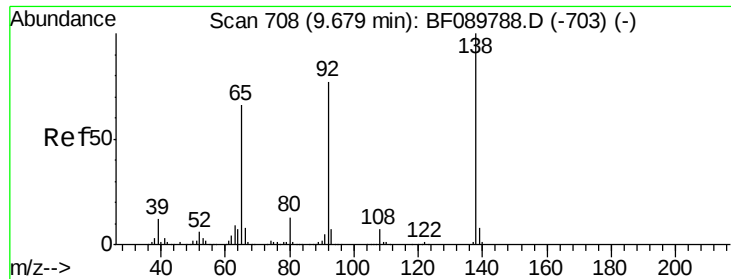
#51
Acenaphthene
Concen: 0.28 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion:154 Resp: 15553
Ion Ratio Lower Upper
154 100
153 118.2 90.5 135.7
152 63.2 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

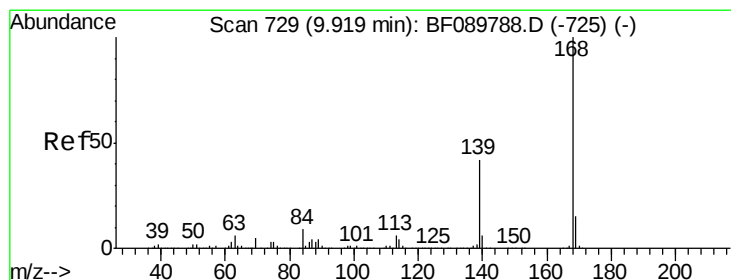
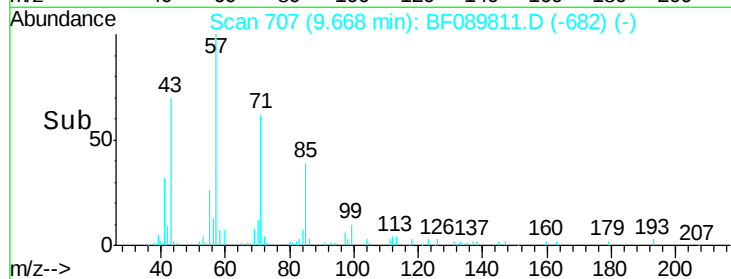
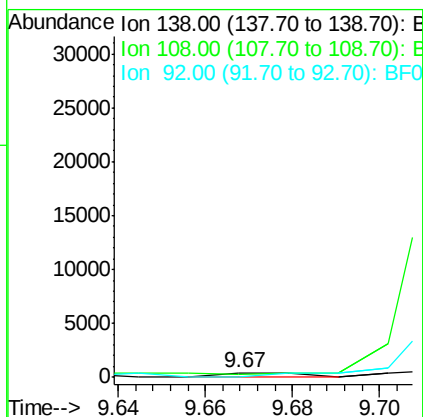
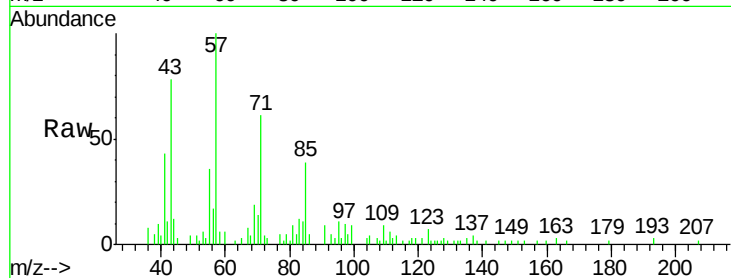




#52
3-Nitroaniline
Concen: 0.03 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

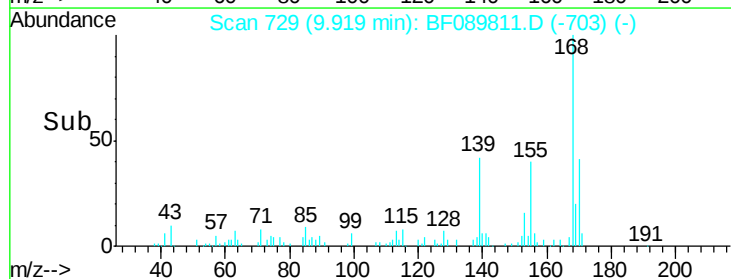
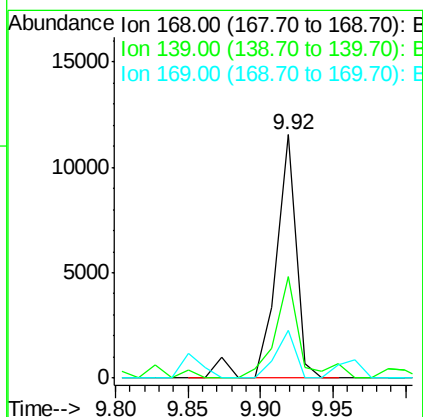
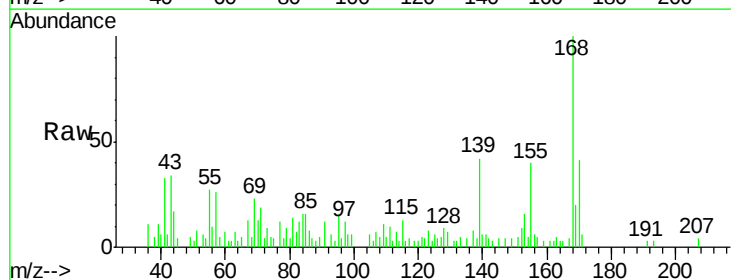
Instrument :
BNA_F
ClientSampleId :
A-1(0-5)

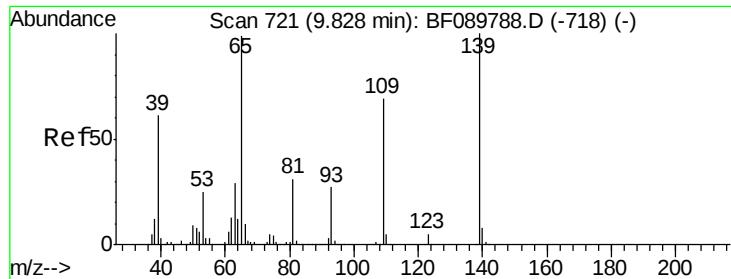
Tgt Ion:138 Resp: 556
Ion Ratio Lower Upper
138 100
108 77.6 8.1 12.1#
92 0.0 92.7 139.1#



#54
Dibenzofuran
Concen: 0.16 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion:168 Resp: 11348
Ion Ratio Lower Upper
168 100
139 41.6 34.6 52.0
169 19.8 11.5 17.3#

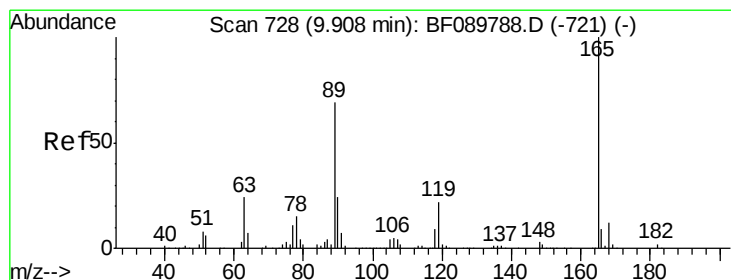
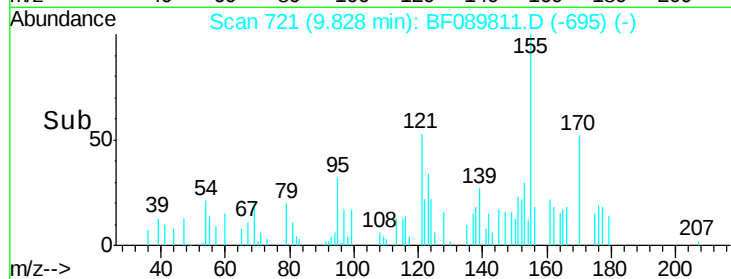
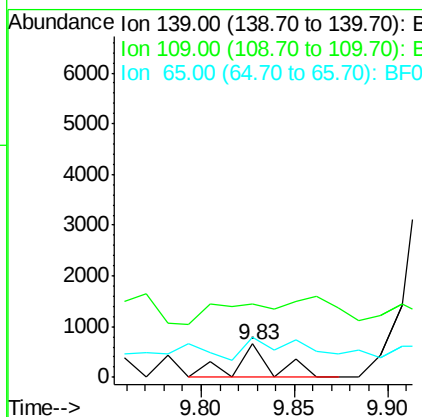
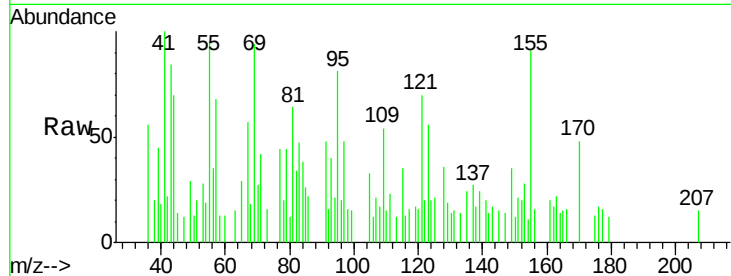




#55
 4-Nitrophenol
 Concen: 0.07 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

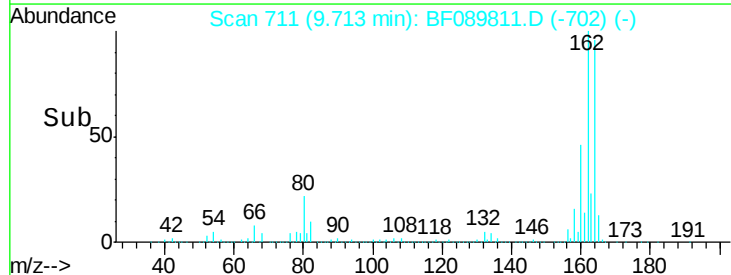
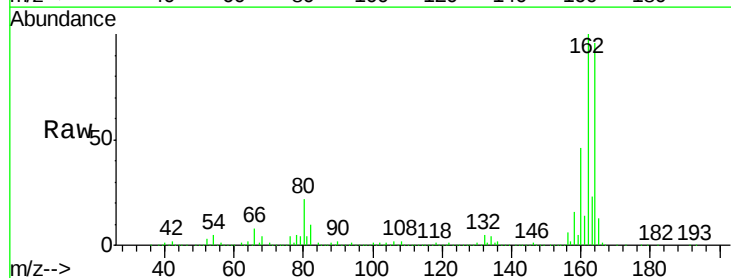
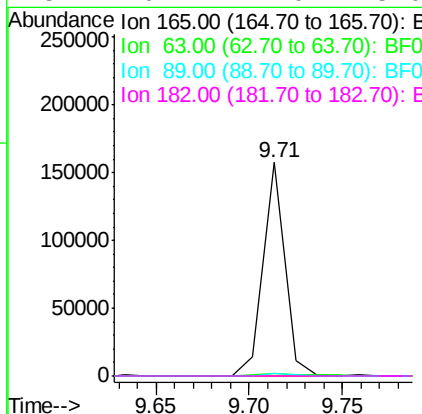
Instrument :
 BNA_F
 ClientSampled :
 A-1(0-5)

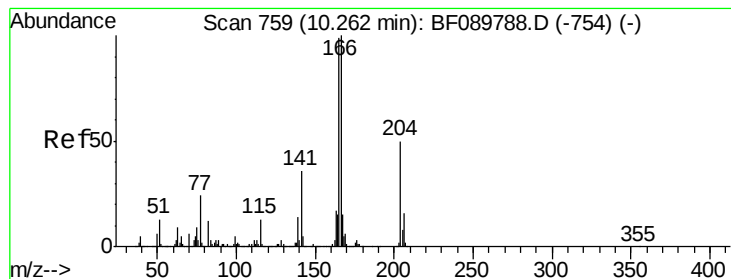
Tgt Ion:139 Resp: 900
 Ion Ratio Lower Upper
 139 100
 109 220.2 43.0 83.0#
 65 120.6 55.7 95.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.50 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.19 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Tgt Ion:165 Resp: 126327
 Ion Ratio Lower Upper
 165 100
 63 1.2 23.7 35.5#
 89 1.2 44.0 66.0#
 182 0.2 2.0 3.0#





#57

Fluorene

Concen: 0.23 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

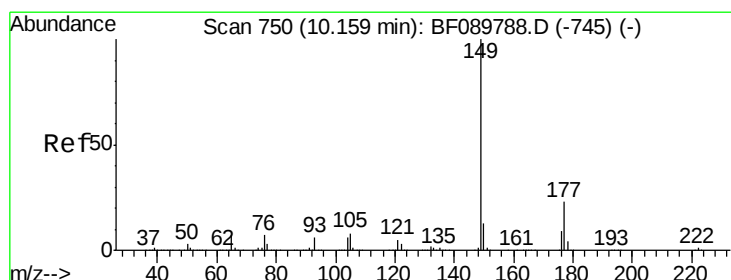
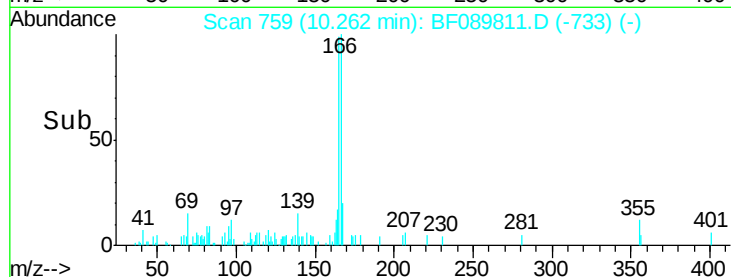
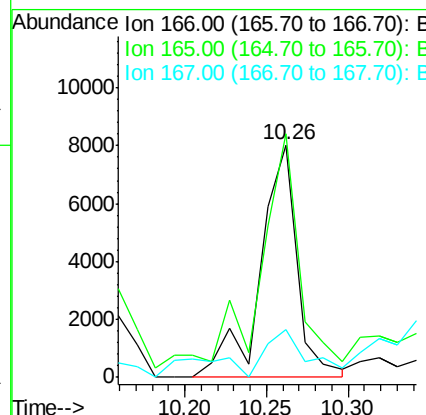
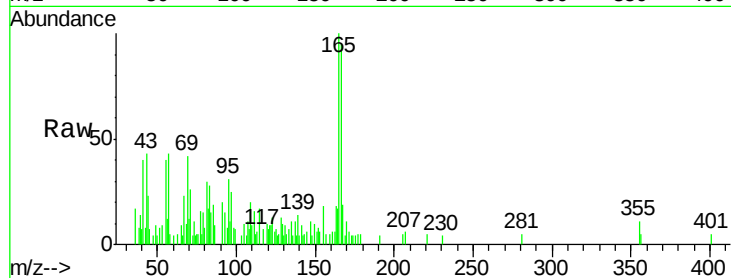
Tgt Ion:166 Resp: 12689

Ion Ratio Lower Upper

166 100

165 104.9 80.2 120.4

167 20.4 11.3 16.9#



#59

Diethylphthalate

Concen: 0.20 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

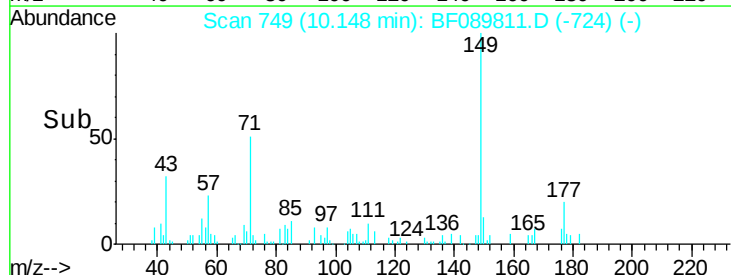
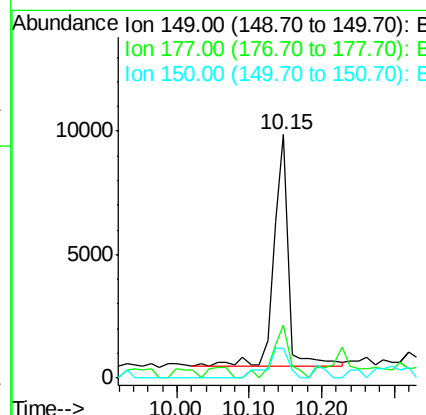
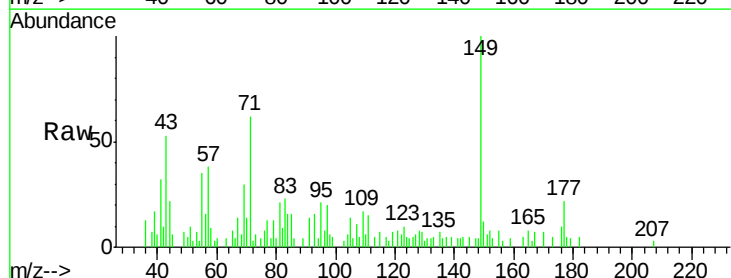
Tgt Ion:149 Resp: 13365

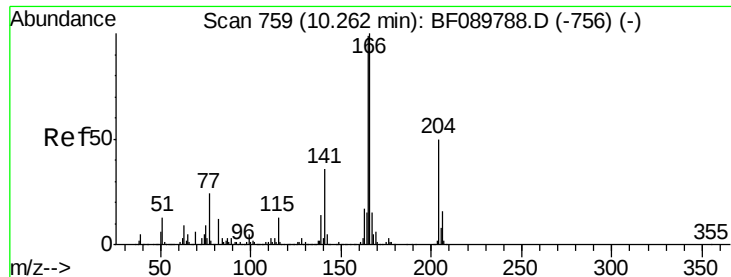
Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

150 12.3 10.5 15.7





#60

4-Chlorophenyl-phenylether

Concen: 0.01 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.19 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

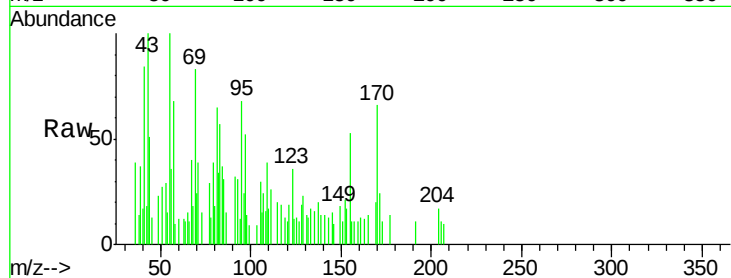
Tgt Ion: 204 Resp: 382

Ion Ratio Lower Upper

204 100

206 0.0 26.5 39.7#

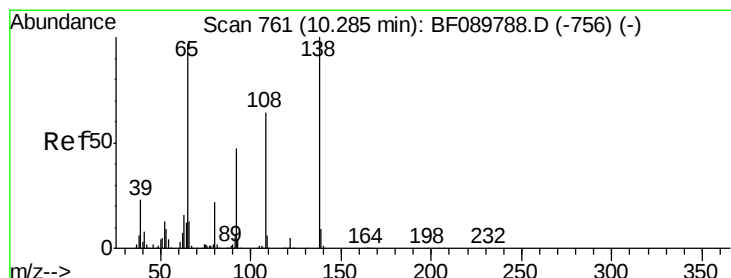
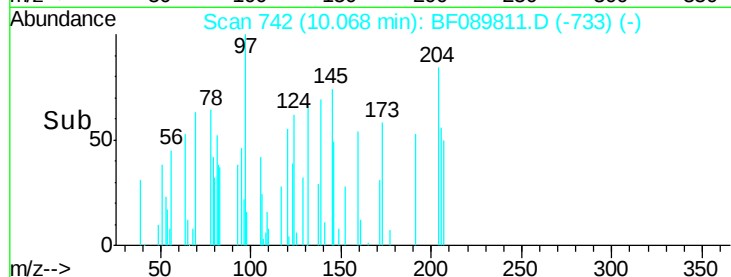
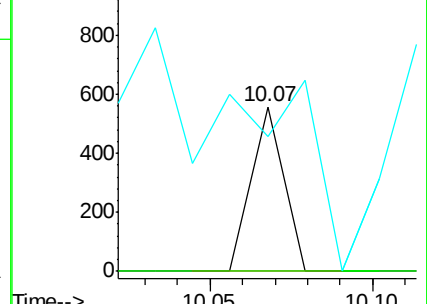
141 82.2 54.1 81.1#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 0.10 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

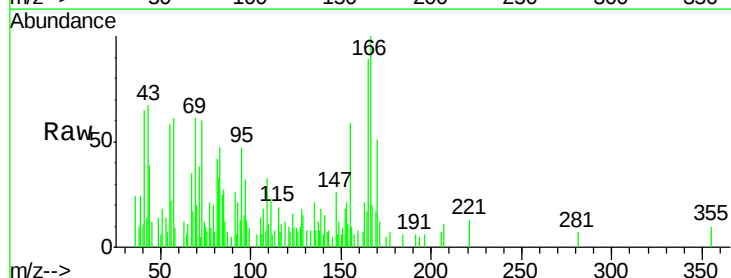
Tgt Ion: 138 Resp: 1531

Ion Ratio Lower Upper

138 100

92 79.1 26.4 66.4#

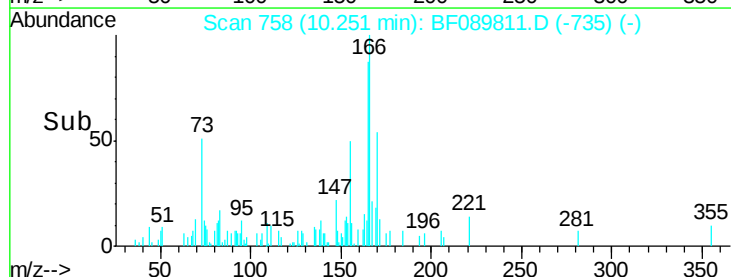
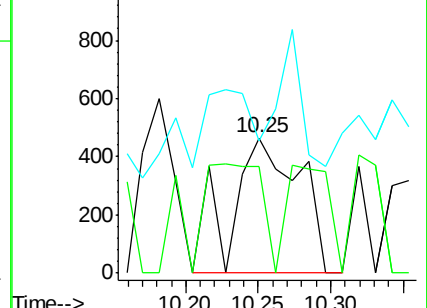
108 97.8 47.0 87.0#

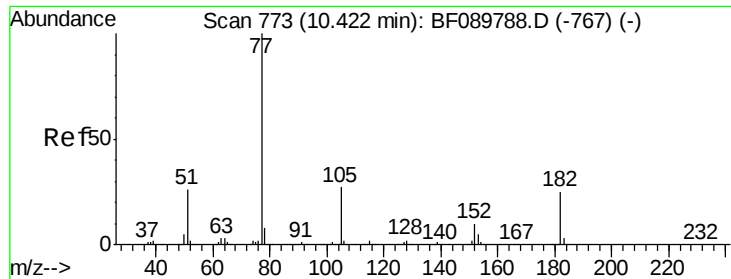


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.02 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

Tgt Ion: 77 Resp: 1047

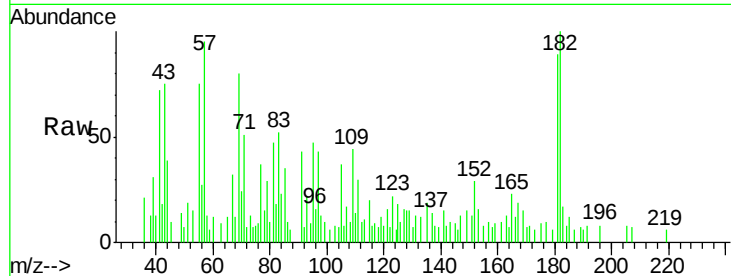
Ion Ratio Lower Upper

77 100

182 271.1 5.6 45.6#

105 101.2 4.0 44.0#

51 51.0 7.8 47.8#

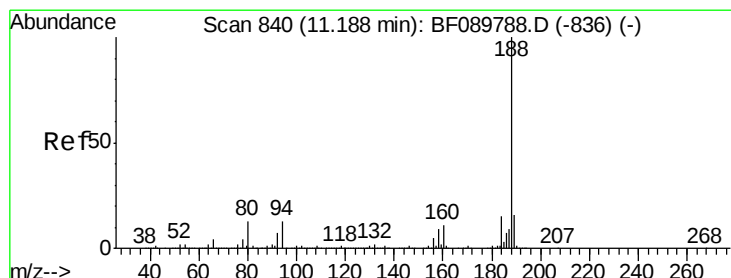
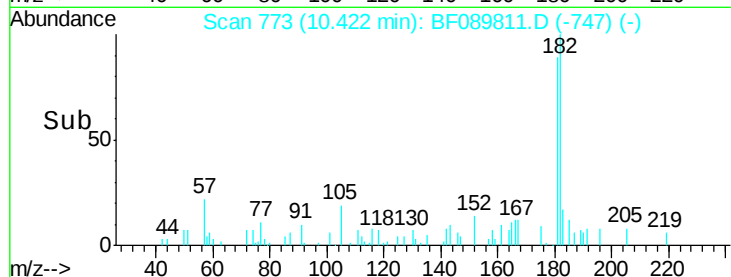
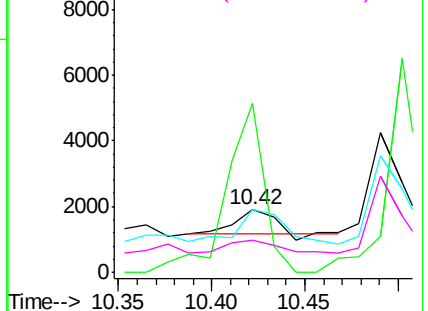


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF089811.D

Acq: 19 Aug 2016 22:13

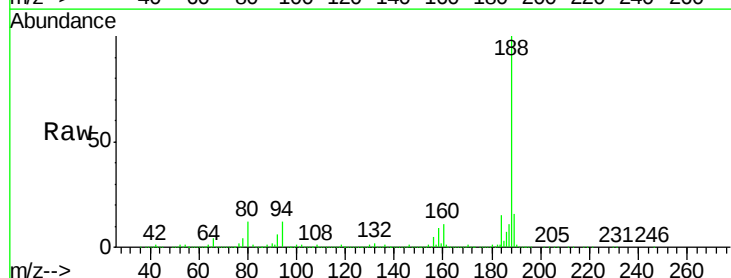
Tgt Ion: 188 Resp: 1436719

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

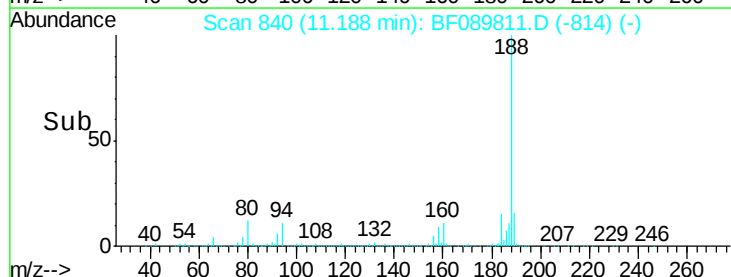
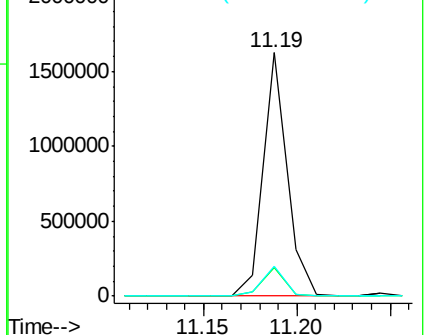
80 12.1 10.9 16.3

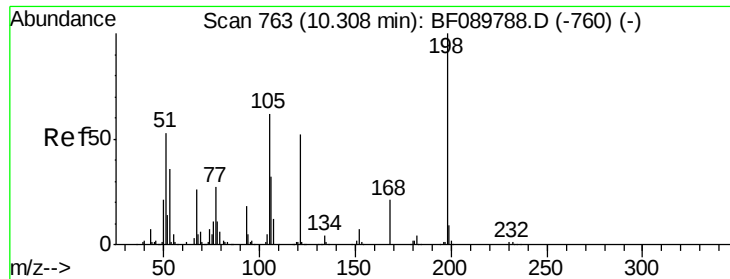


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.18 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.19 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

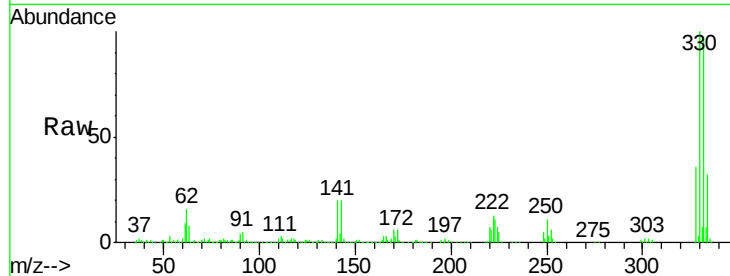
Tgt Ion:198 Resp: 1526

Ion Ratio Lower Upper

198 100

51 130.6 32.3 72.3#

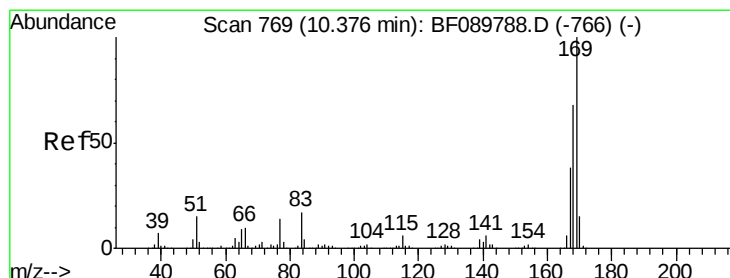
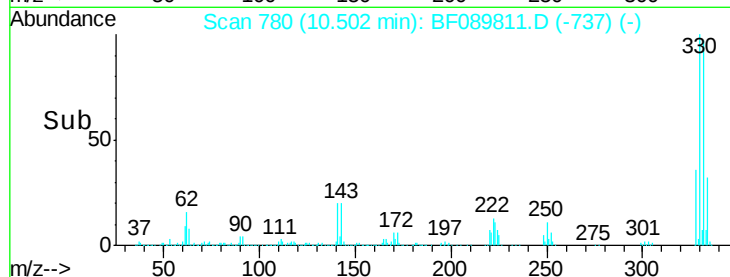
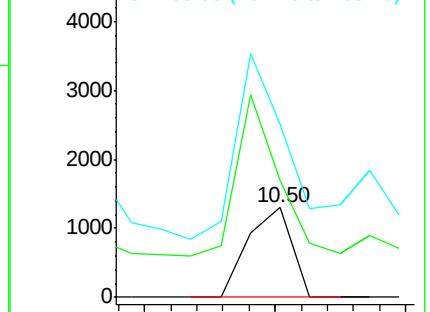
105 193.7 32.9 72.9#



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: 0.08 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

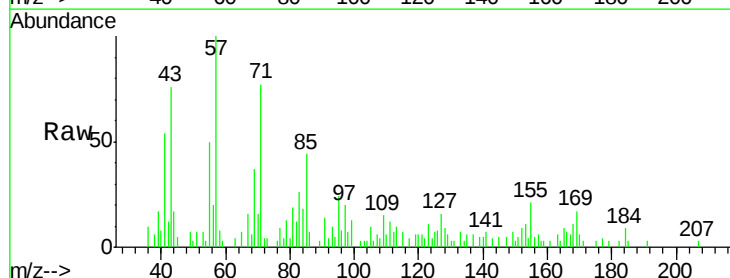
Tgt Ion:169 Resp: 3631

Ion Ratio Lower Upper

169 100

168 64.4 54.6 82.0

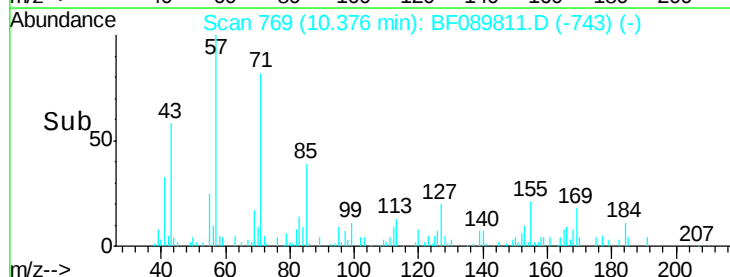
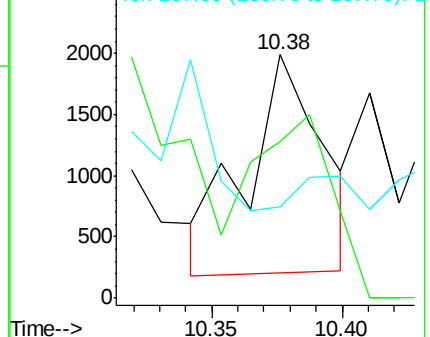
167 37.5 30.6 45.8

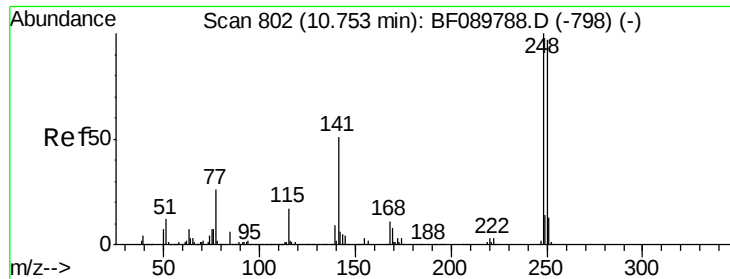


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

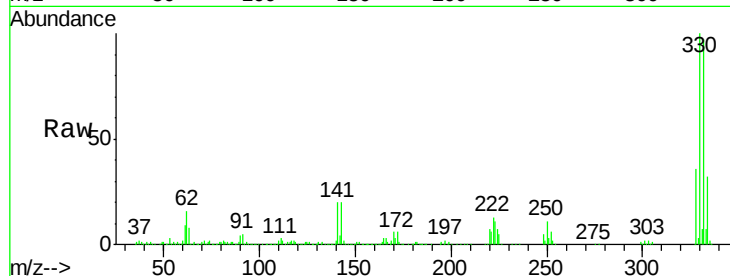




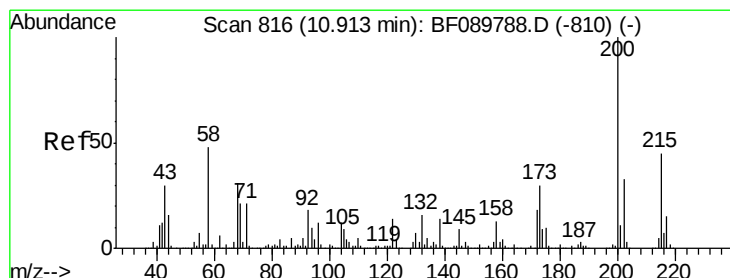
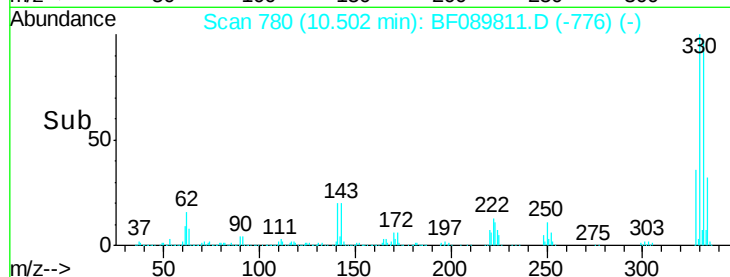
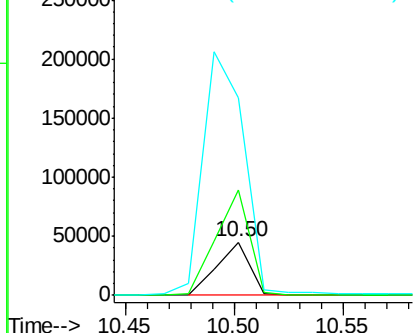
#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Instrument :
BNA_F
ClientSampled :
A-1(0-5)

Tgt Ion:248 Resp: 47011
Ion Ratio Lower Upper
248 100
250 199.2 78.6 117.8#
141 372.7 31.4 47.2#

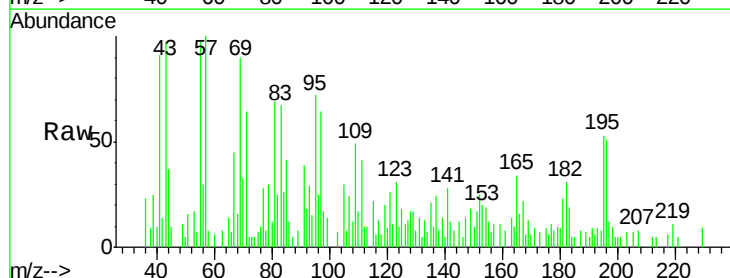


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

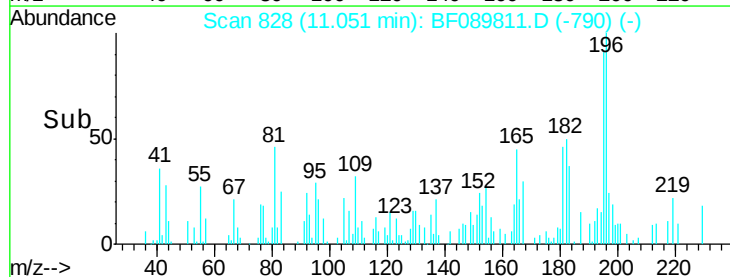
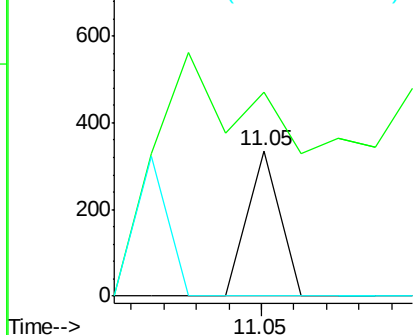


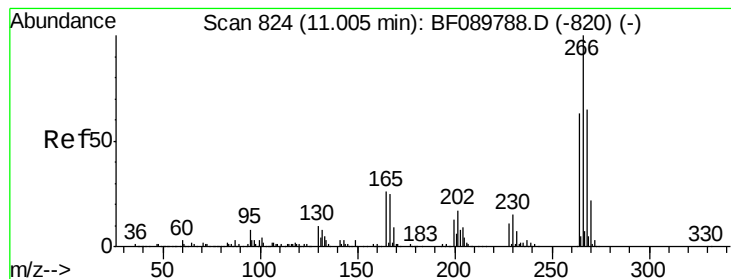
#68
Atrazine
Concen: 0.02 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.14 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion:200 Resp: 230
Ion Ratio Lower Upper
200 100
173 140.6 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: 0.03 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

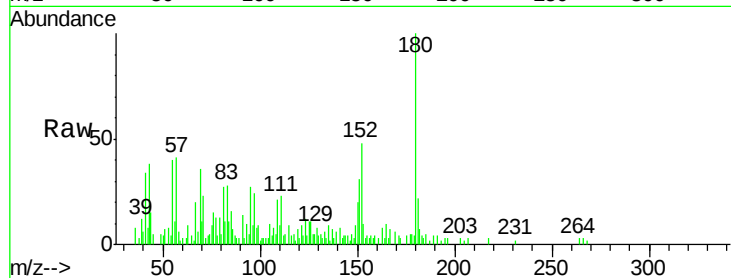
Tgt Ion:266 Resp: 283

Ion Ratio Lower Upper

266 100

268 84.7 53.2 79.8#

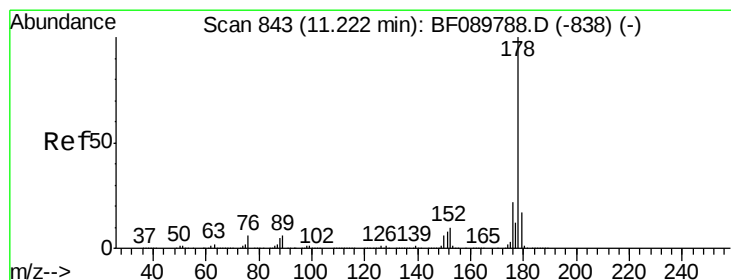
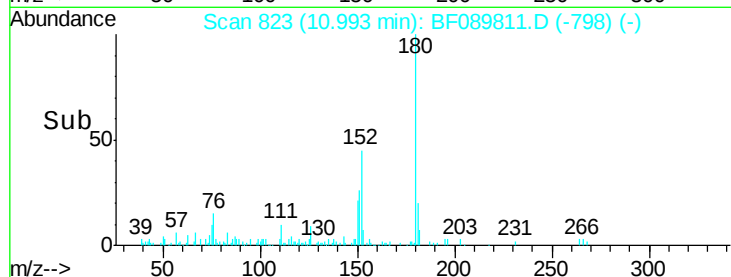
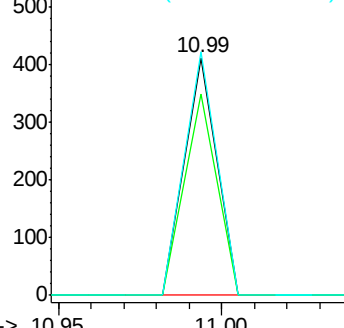
264 102.7 51.1 76.7#



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: 3.28 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

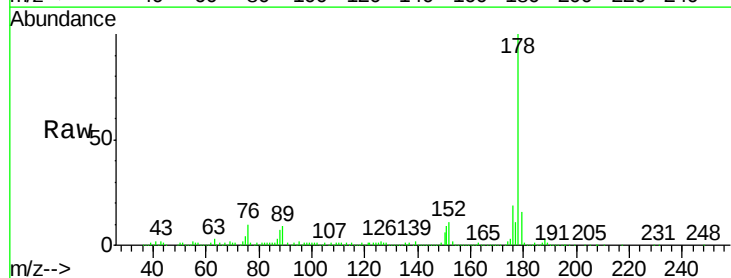
Tgt Ion:178 Resp: 238267

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

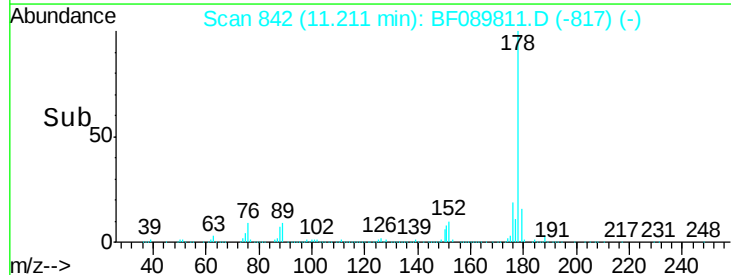
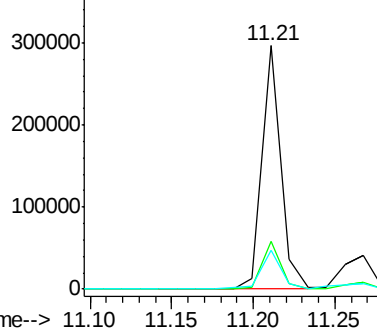
179 15.9 12.5 18.7

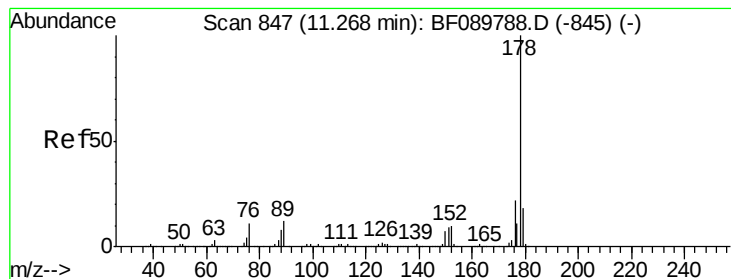


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.71 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

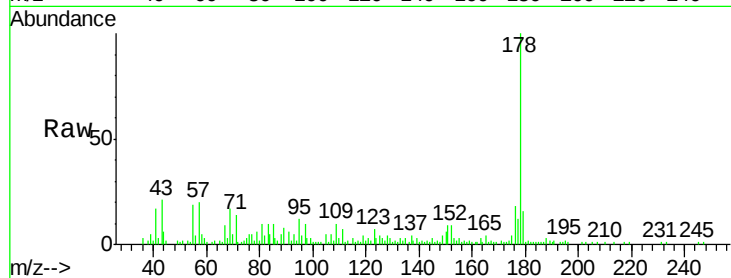
Tgt Ion:178 Resp: 52598

Ion Ratio Lower Upper

178 100

176 18.4 16.4 24.6

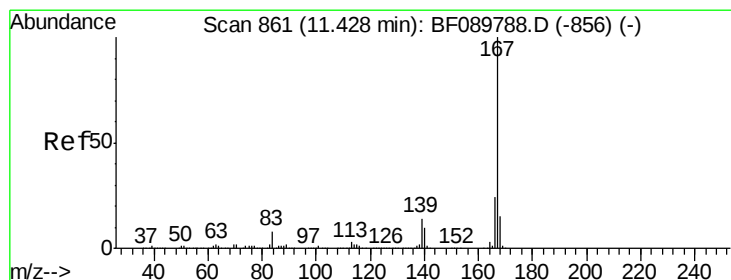
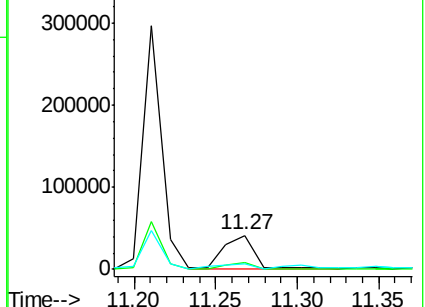
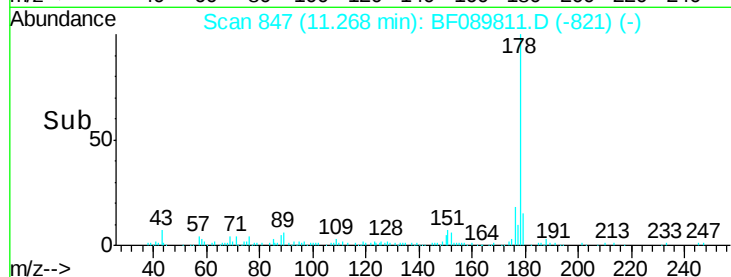
179 16.1 13.1 19.7



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: 0.38 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

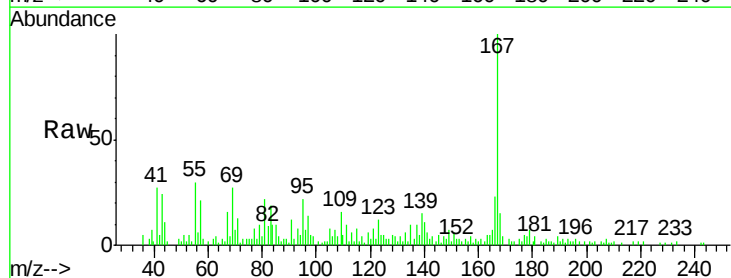
Tgt Ion:167 Resp: 25066

Ion Ratio Lower Upper

167 100

166 23.1 17.9 26.9

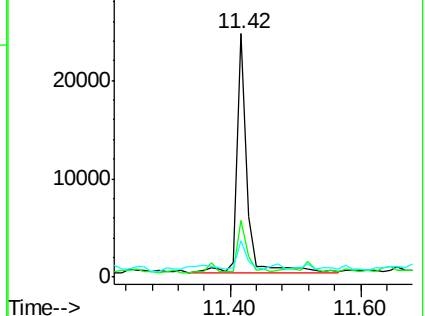
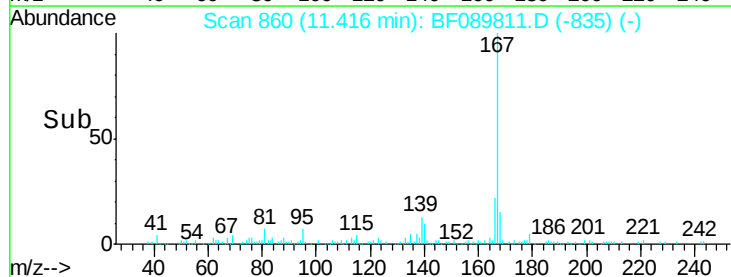
139 14.8 12.4 18.6

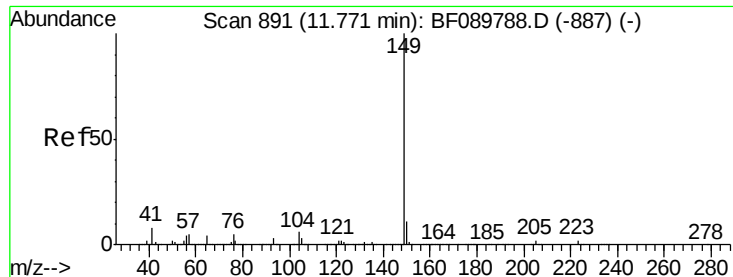


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

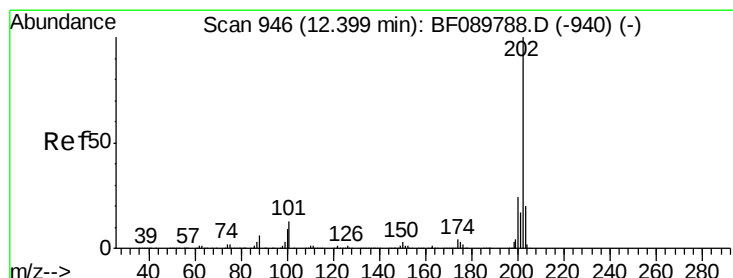
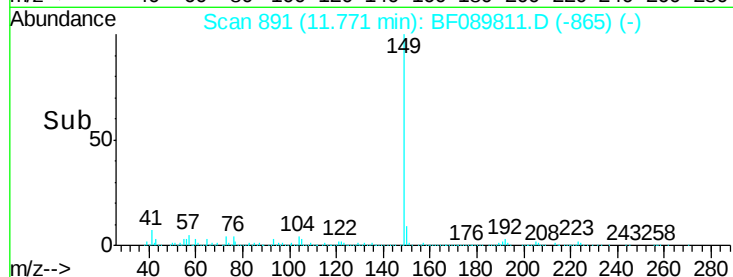
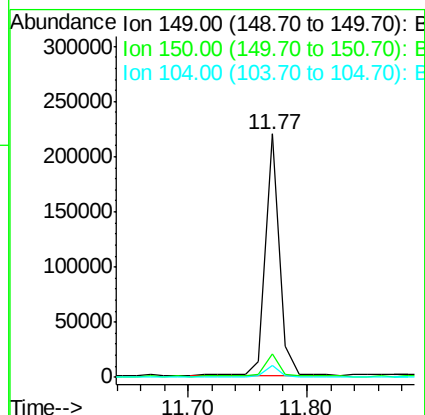
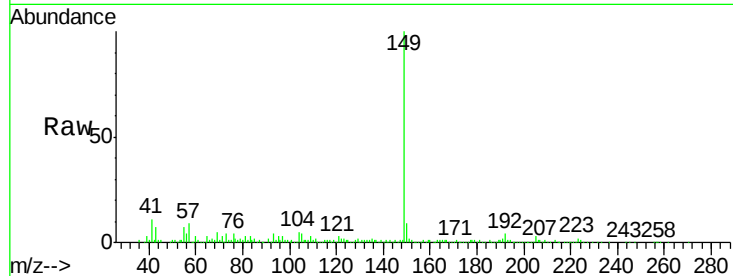




#73
Di-n-butylphthalate
Concen: 2.18 ng
RT: 11.77 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

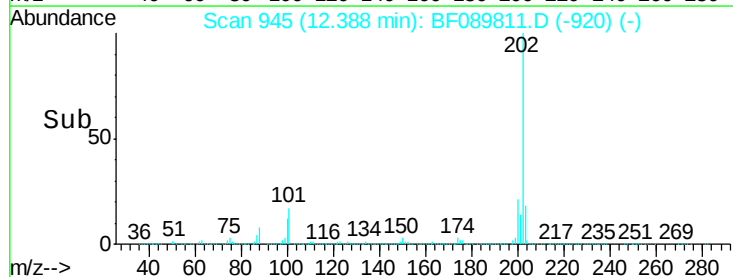
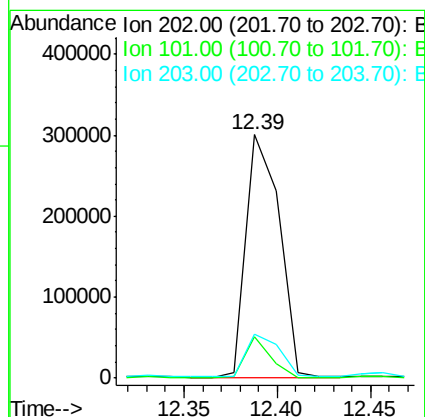
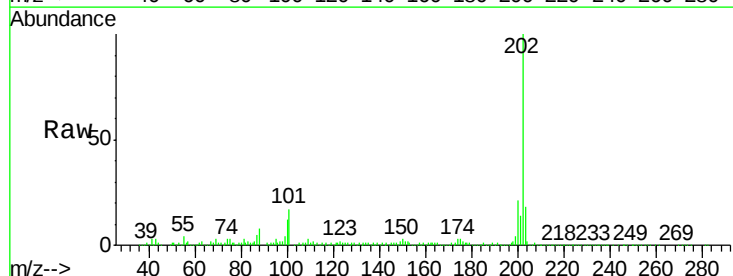
Instrument :
BNA_F
ClientSampleId :
A-1(0-5)

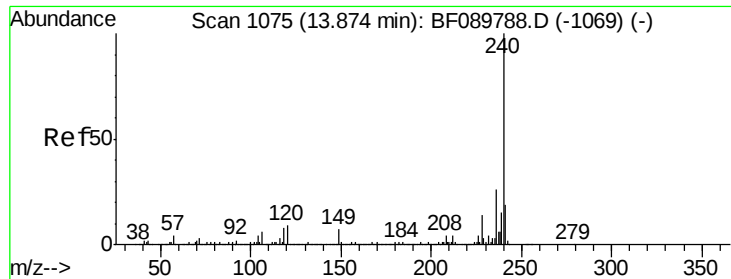
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	4.7	4.3	6.5



#74
Fluoranthene
Concen: 5.38 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	31.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

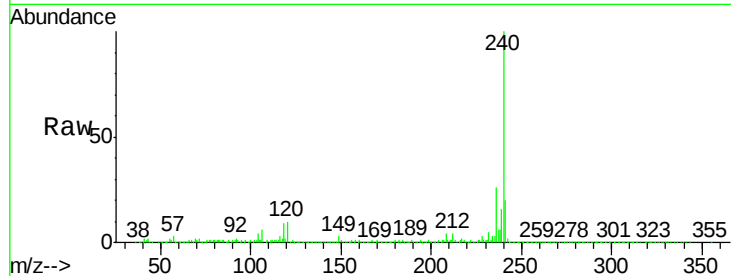
Tgt Ion:240 Resp: 1119763

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

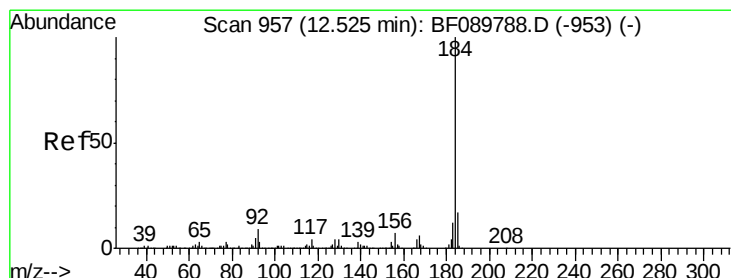
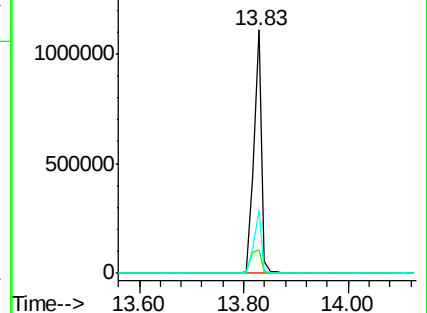
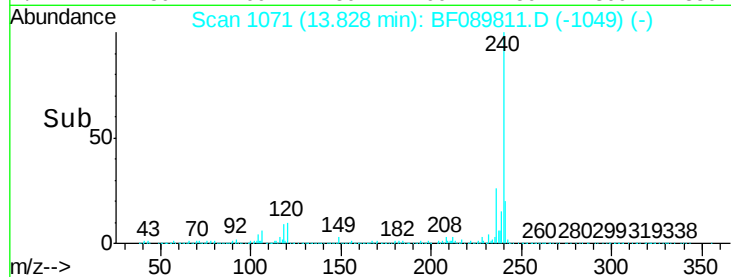
236 26.2 21.3 31.9



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: 0.04 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.15 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

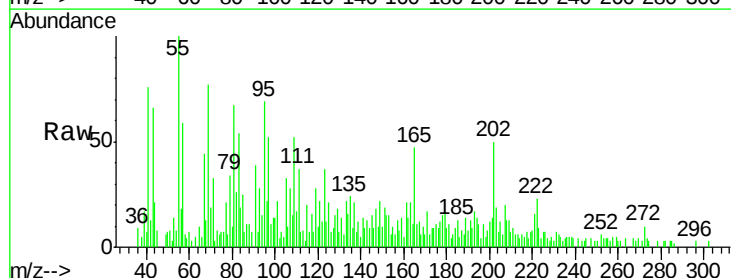
Tgt Ion:184 Resp: 1379

Ion Ratio Lower Upper

184 100

185 153.3 13.8 20.8#

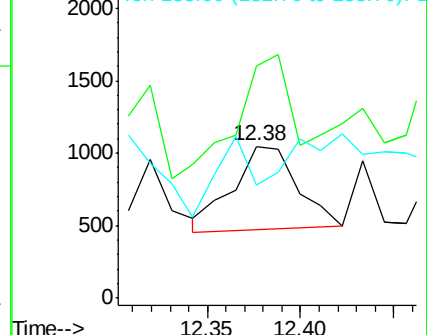
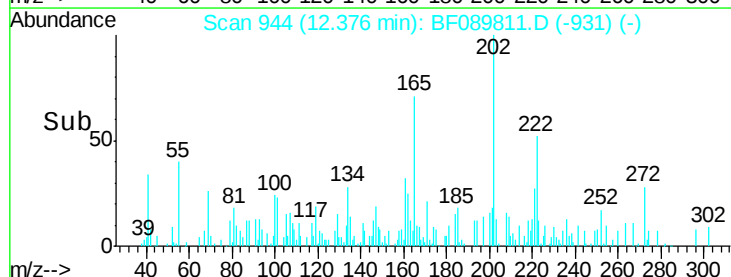
183 74.6 9.7 14.5#

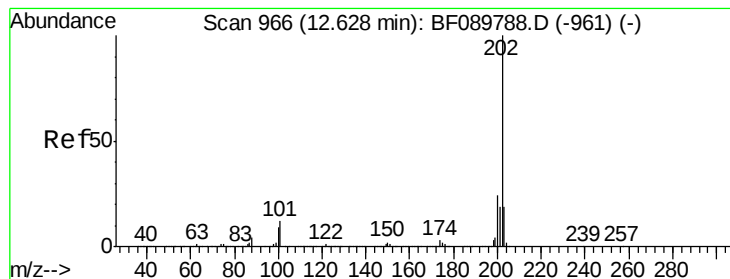


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 4.46 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

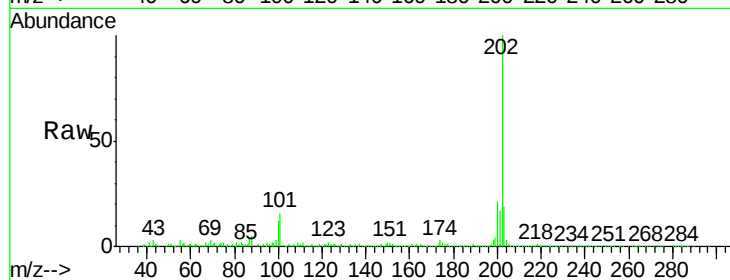
Tgt Ion:202 Resp: 406529

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

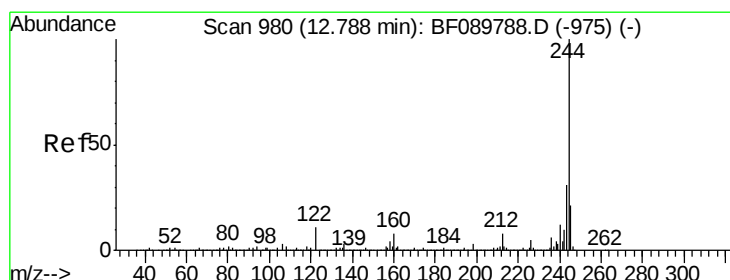
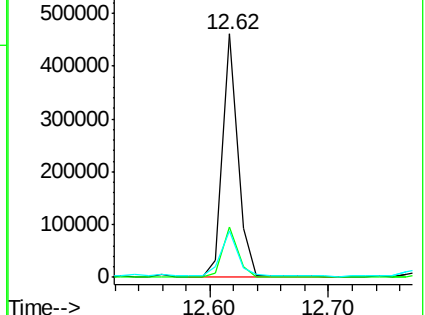
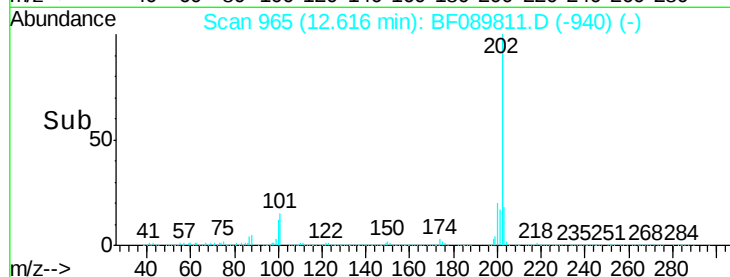
203 19.0 14.2 21.4



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: 49.00 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

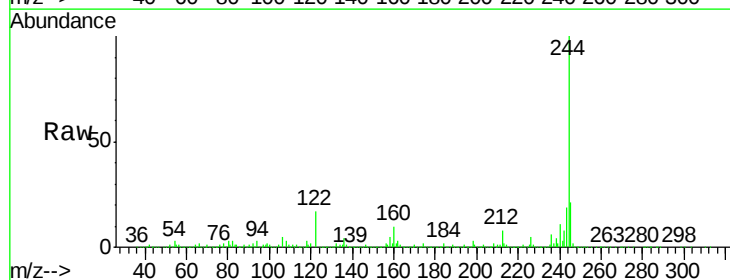
Tgt Ion:244 Resp: 2425563

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

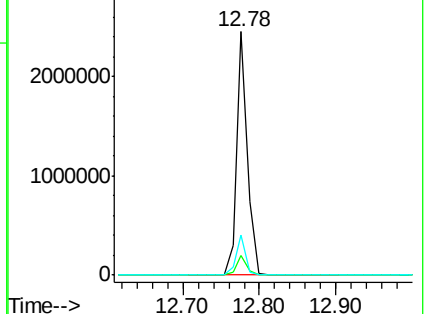
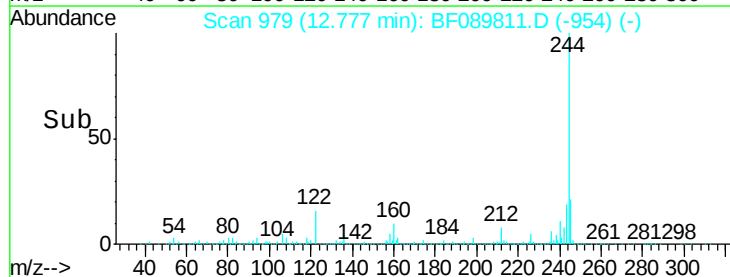
122 16.5 12.0 18.0

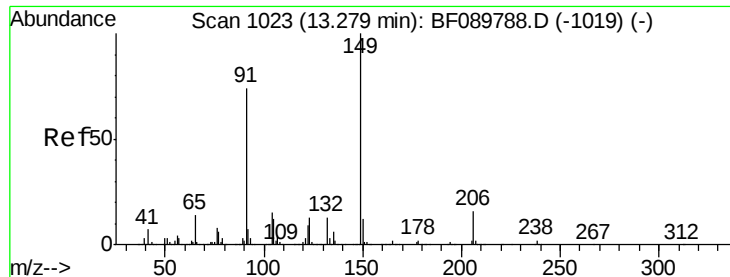


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

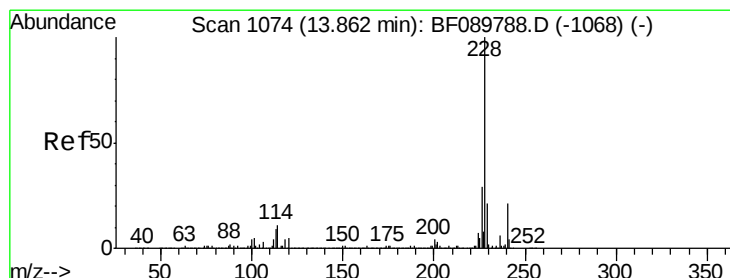
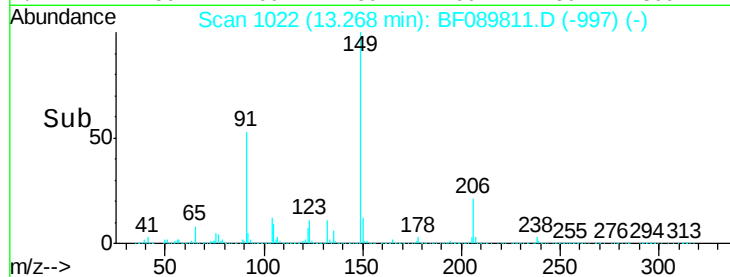
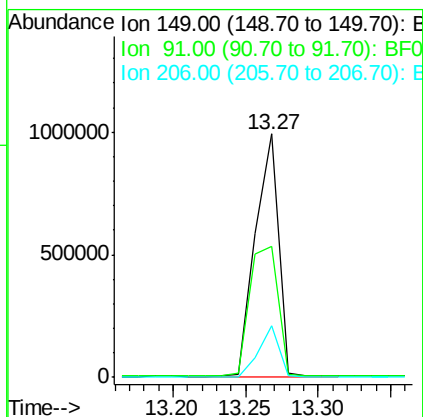
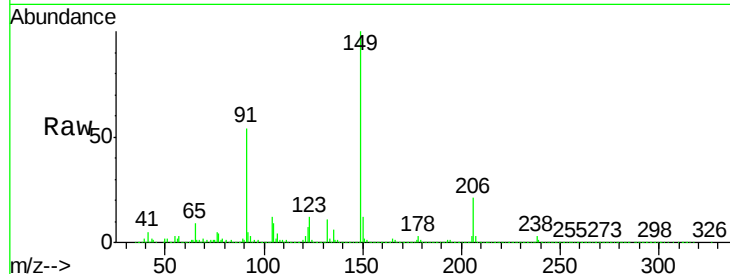




#79
Butylbenzylphthalate
Concen: 26.60 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

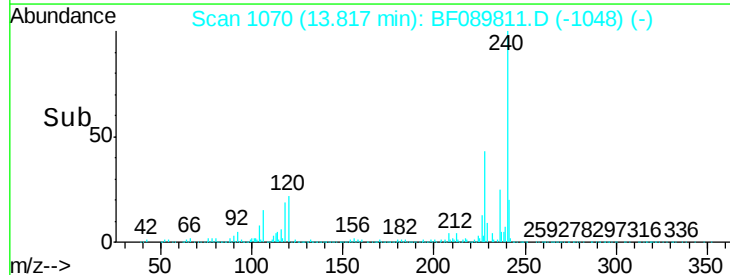
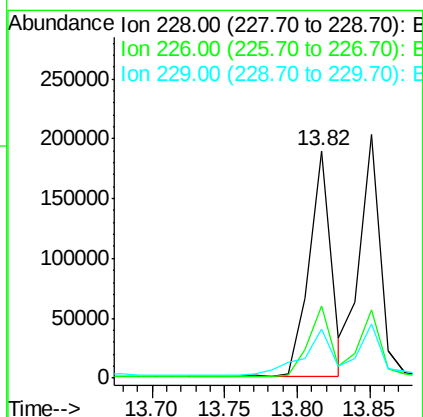
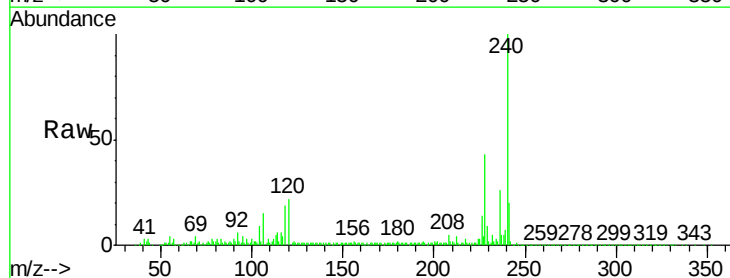
Instrument :
BNA_F
ClientSampleId :
A-1(0-5)

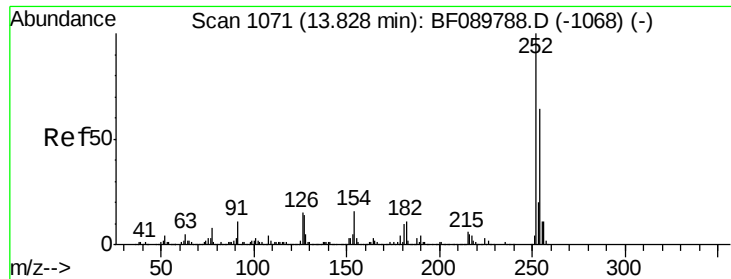
Tgt Ion:149 Resp: 1095551
Ion Ratio Lower Upper
149 100
91 53.7 50.7 76.1
206 21.3 15.5 23.3



#80
Benzo(a)anthracene
Concen: 3.12 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF089811.D
Acq: 19 Aug 2016 22:13

Tgt Ion:228 Resp: 200053
Ion Ratio Lower Upper
228 100
226 31.5 23.2 34.8
229 21.5 16.2 24.4

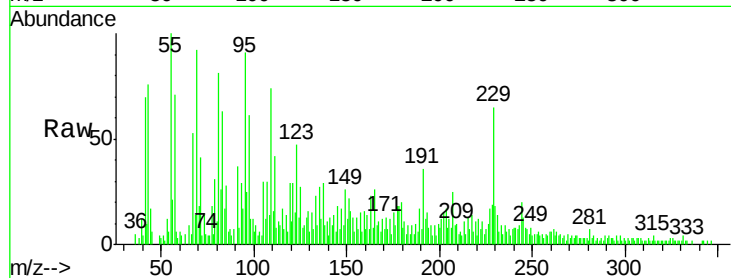




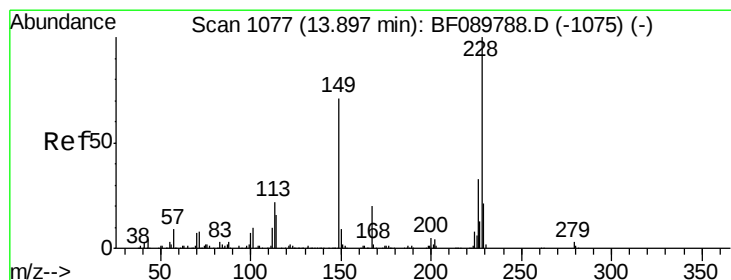
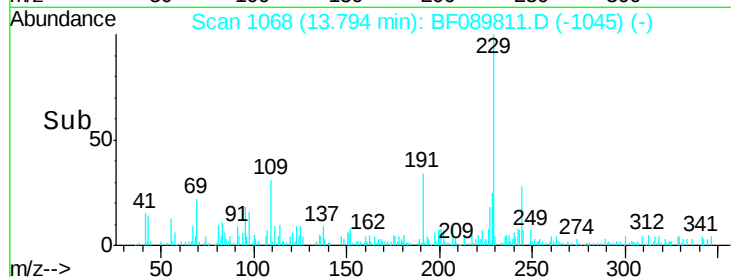
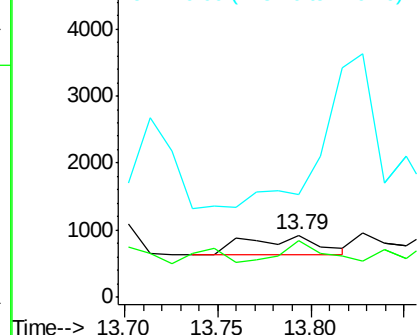
#81
 3,3'-Dichlorobenzidine
 Concen: 0.04 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.03 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-5)

Tgt Ion:252 Resp: 746
 Ion Ratio Lower Upper
 252 100
 254 90.9 50.6 75.8#
 126 167.3 12.6 18.8#

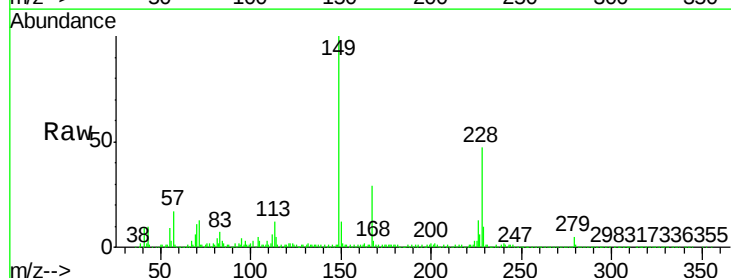


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

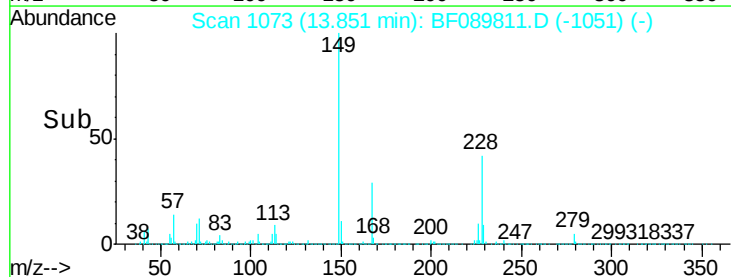
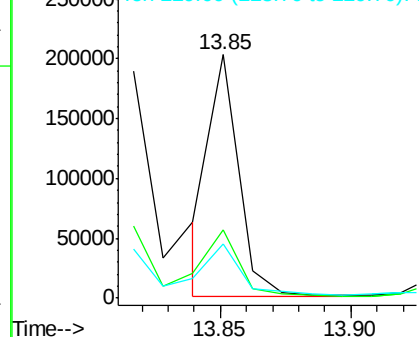


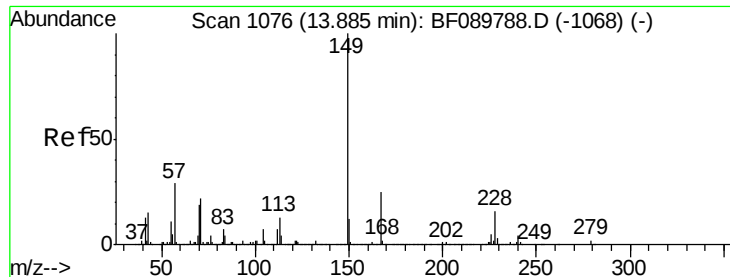
#82
 Chrysene
 Concen: 2.85 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.05 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Tgt Ion:228 Resp: 156849
 Ion Ratio Lower Upper
 228 100
 226 28.2 25.4 38.0
 229 22.1 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: 17.12 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

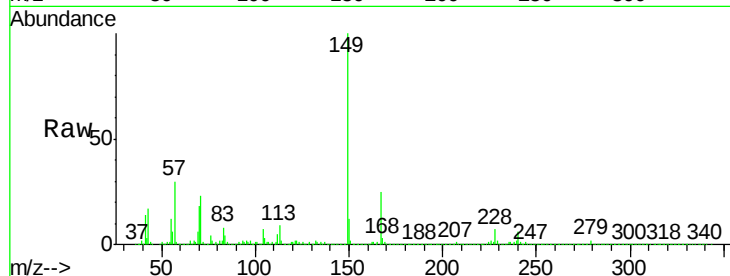
Tgt Ion:149 Resp: 971150

Ion Ratio Lower Upper

149 100

167 25.1 21.2 31.8

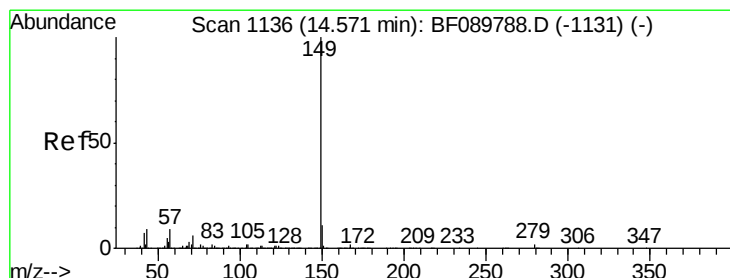
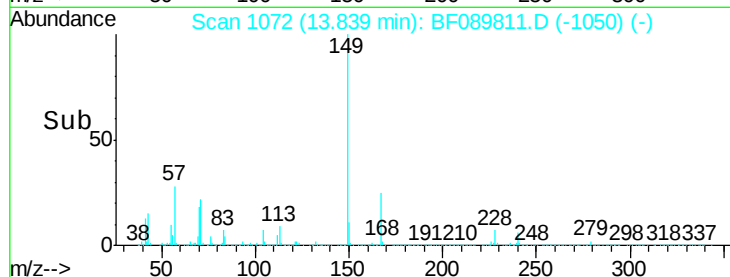
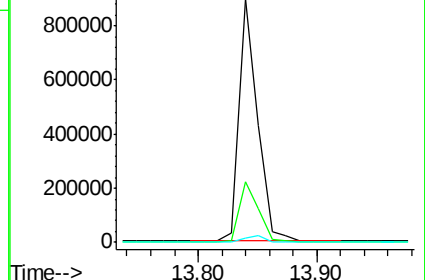
279 1.9 2.9 4.3#



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: 5.66 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

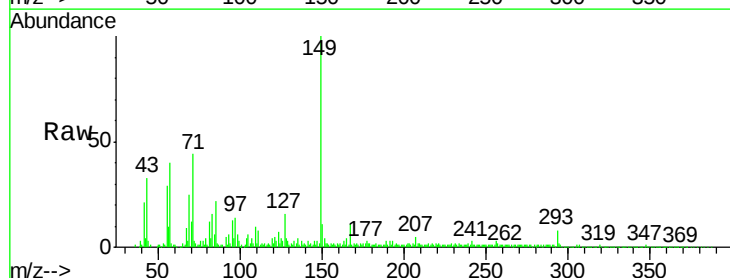
Tgt Ion:149 Resp: 426340

Ion Ratio Lower Upper

149 100

167 8.8 1.2 1.8#

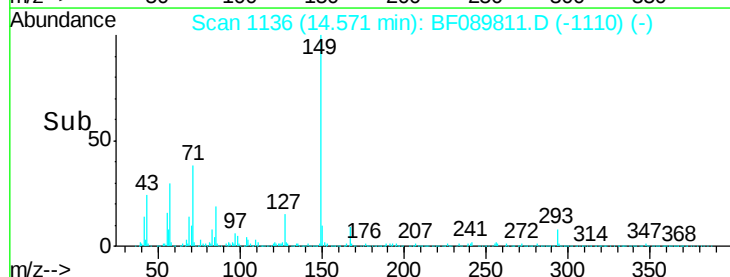
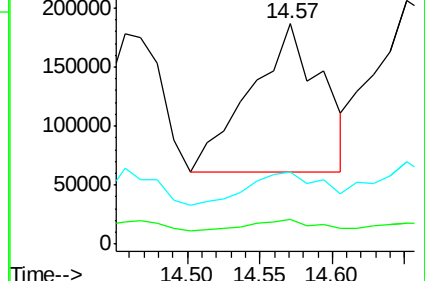
43 23.0 8.4 12.6#

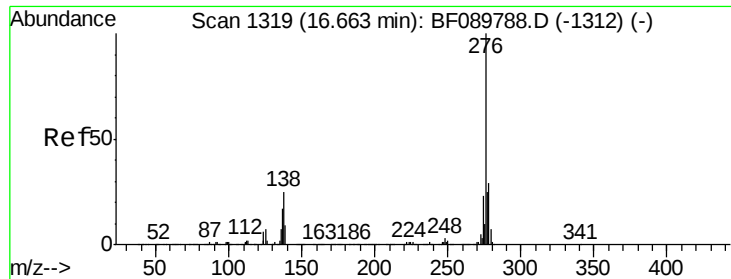


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

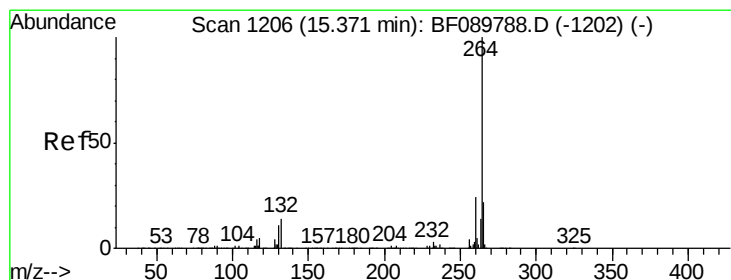
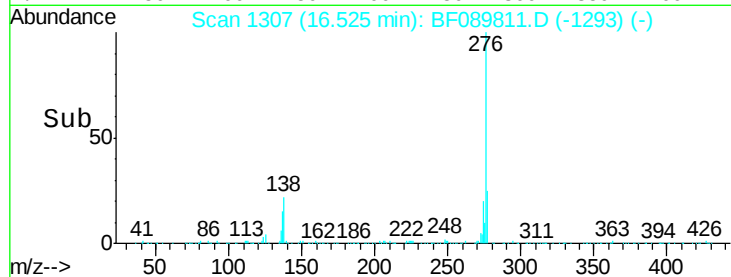
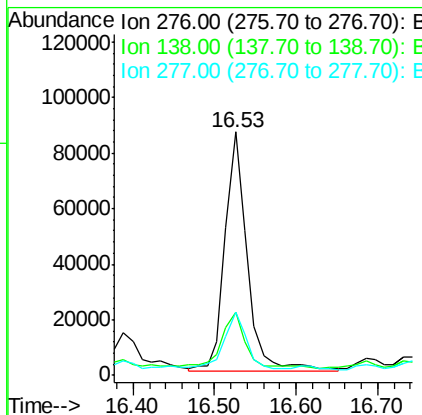
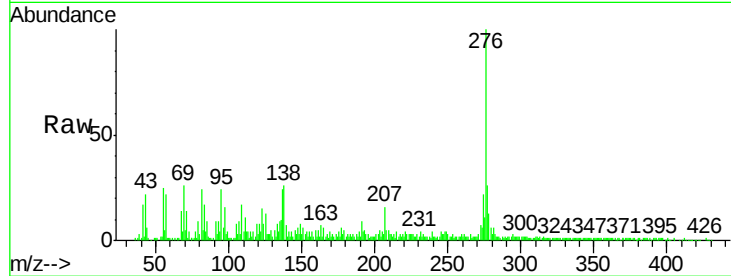




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.33 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. -0.14 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

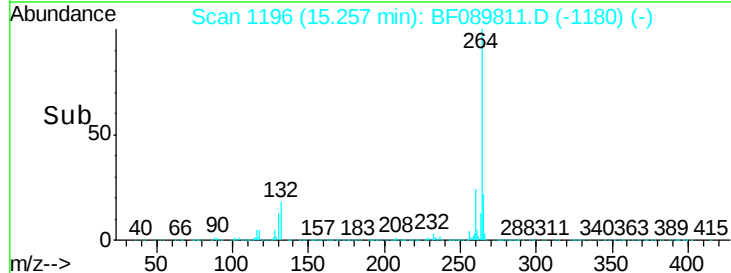
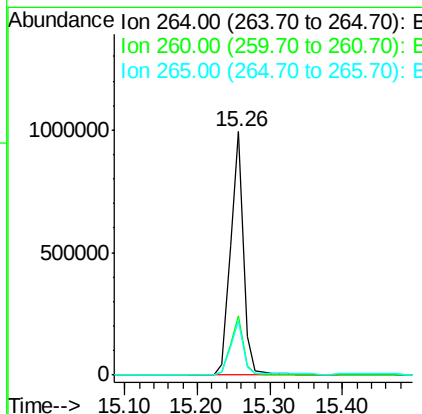
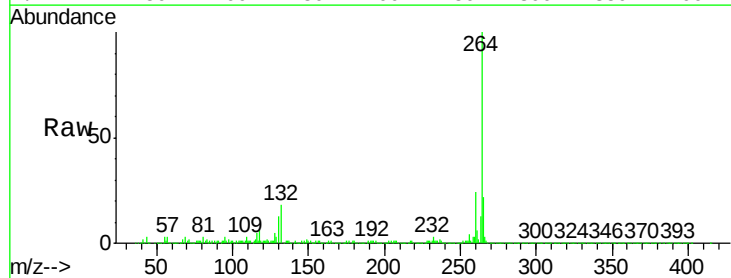
Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-5)

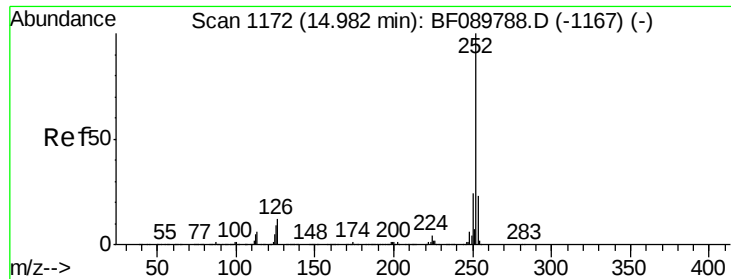
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	24.6	36.8
277	26.6	20.4	30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.11 min
 Lab File: BF089811.D
 Acq: 19 Aug 2016 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	22.3	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 5.76 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.10 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

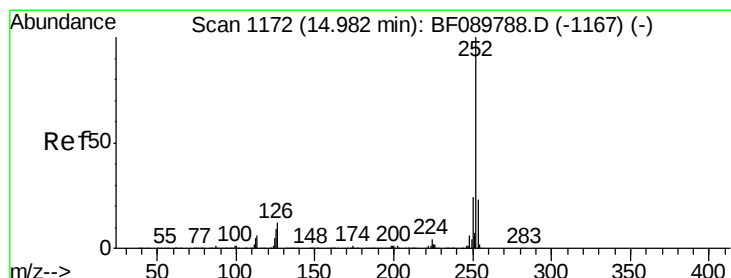
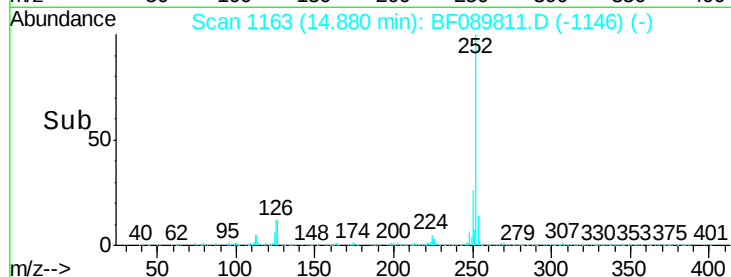
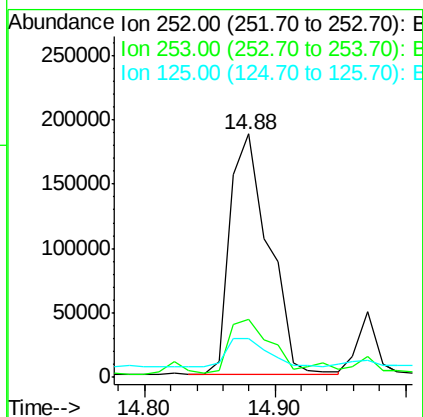
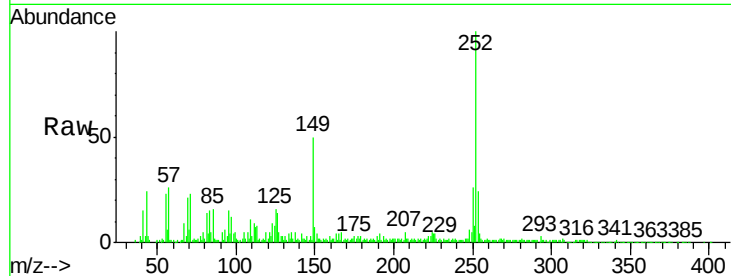
Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

Tgt Ion:	252	Resp:	384801
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	16.2	11.4	17.2



#88

Benzo(k)fluoranthene

Concen: 6.35 ng

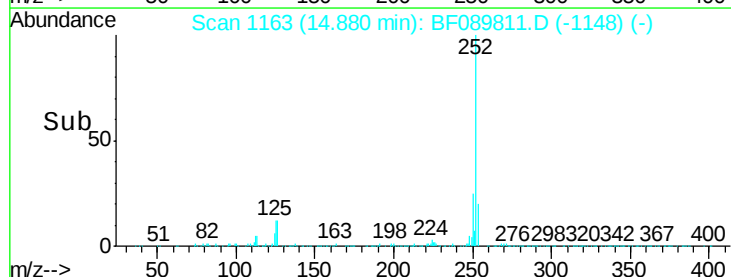
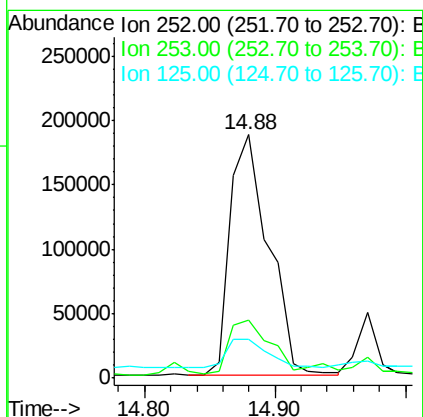
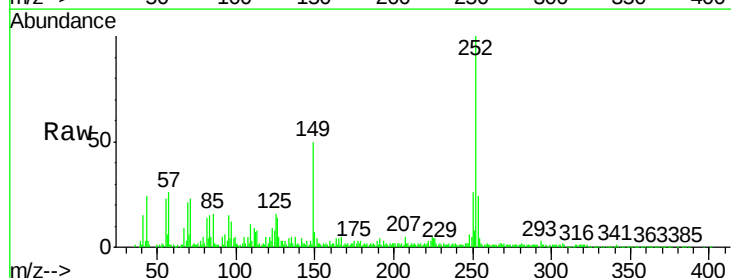
RT: 14.88 min Scan# 1163

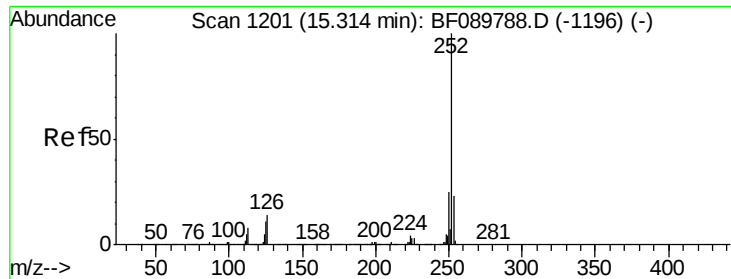
Delta R.T. -0.13 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Tgt Ion:	252	Resp:	384801
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.4	27.6
125	16.2	9.8	14.6#





#89

Benzo(a)pyrene

Concen: 3.59 ng

RT: 15.19 min Scan# 1190

Delta R.T. -0.13 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

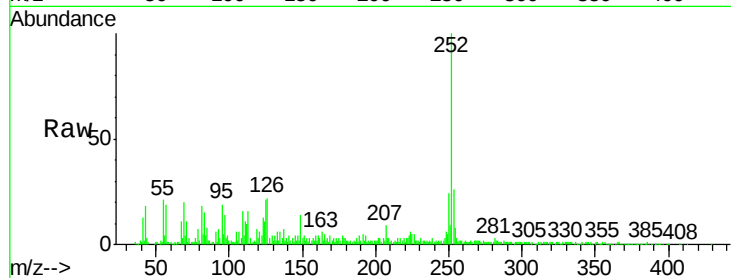
Tgt Ion:252 Resp: 227071

Ion Ratio Lower Upper

252 100

253 25.6 17.8 26.8

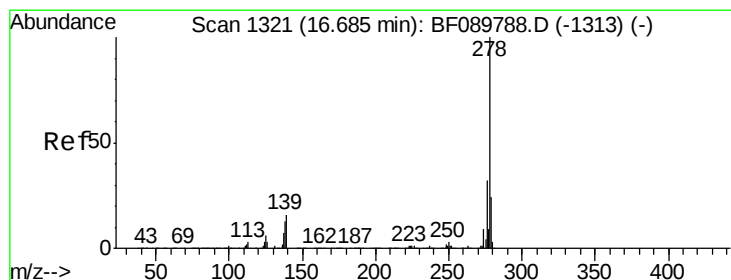
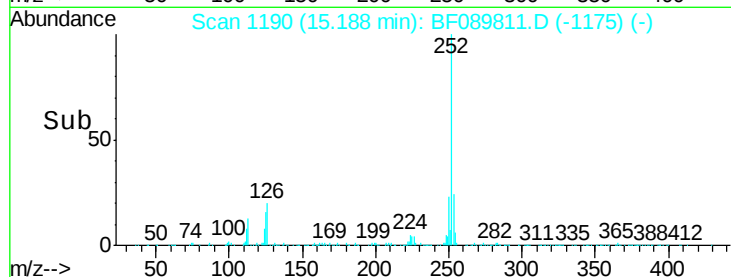
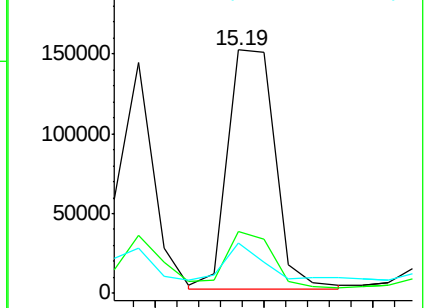
125 20.8 11.7 17.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.56 ng

RT: 16.55 min Scan# 1309

Delta R.T. -0.14 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

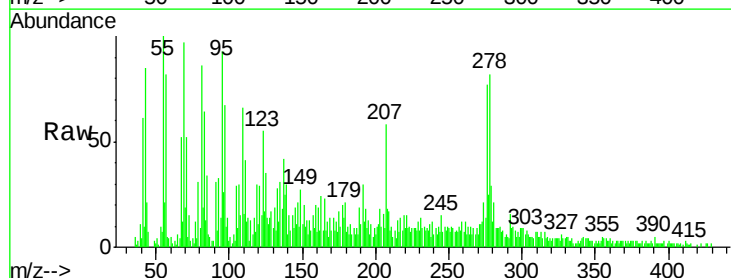
Tgt Ion:278 Resp: 38747

Ion Ratio Lower Upper

278 100

139 36.0 14.9 22.3#

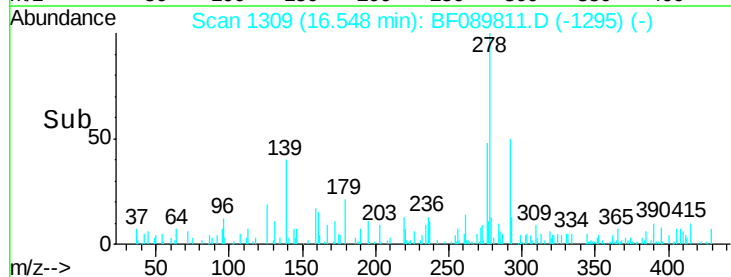
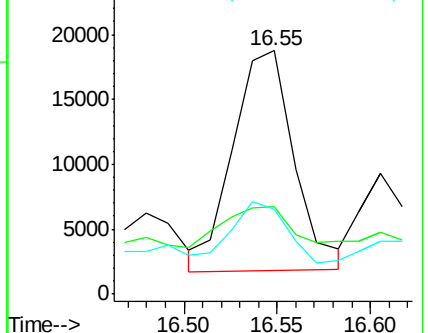
279 35.1 19.2 28.8#

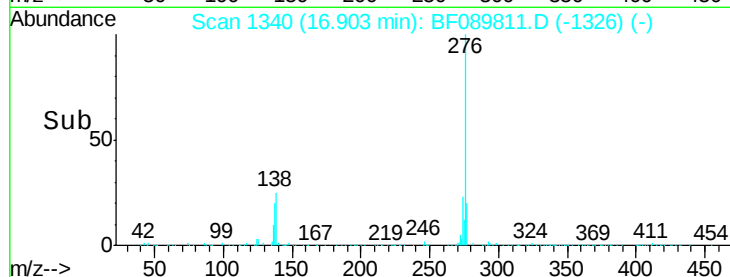
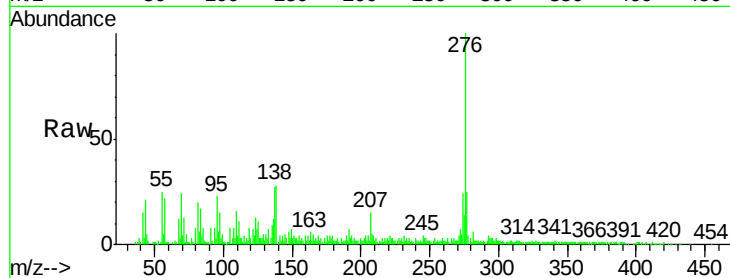
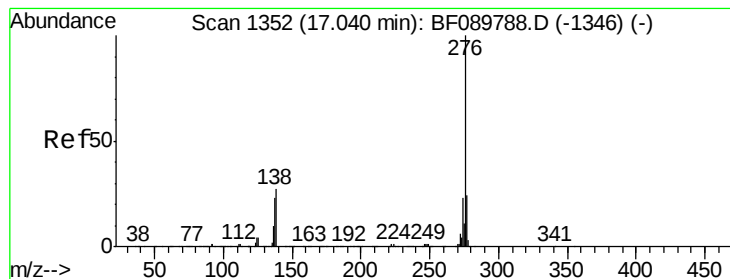


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.24 ng

RT: 16.90 min Scan# 1340

Delta R.T. -0.14 min

Lab File: BF089811.D

Acq: 19 Aug 2016 22:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-5)

Tgt Ion: 276 Resp: 162202

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 28.2 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

