

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089301.D
 Acq On : 26 Jul 2016 4:16
 Operator : UM/SJ
 Sample : SP3750
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3750

Quant Time: Jul 26 05:34:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	45374	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	190399	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	81383	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	140970	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	83922	20.00	ng	-0.01
86) Perylene-d12	15.03	264	79199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.34	99	7937	2.06	ng	0.11
23) Nitrobenzene-d5	7.07	82	12935	3.61	ng	-0.07
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	59783	46.15	ng	# 82
3) Pyridine	2.67	79	157999	48.01	ng	95
4) n-Nitrosodimethylamine	2.65	42	57079	41.20	ng	97
6) Aniline	6.23	93	155654	29.94	ng	# 38
8) 2-Chlorophenol	6.34	128	163947	49.52	ng	85
9) Benzaldehyde	6.10	77	100120	54.50	ng	93
10) Phenol	6.23	94	211766	47.78	ng	84
11) bis(2-Chloroethyl)ether	6.31	93	165944	49.85	ng	98
12) 1,3-Dichlorobenzene	6.50	146	160222	43.83	ng	# 91
13) 1,4-Dichlorobenzene	6.58	146	178884	48.59	ng	94
14) 1,2-Dichlorobenzene	6.73	146	169963	48.96	ng	99
15) Benzyl Alcohol	6.72	79	132301	46.96	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.86	45	176774	46.61	ng	# 56
17) 2-Methylphenol	6.84	107	124754	47.84	ng	95
18) Hexachloroethane	7.07	117	64465	46.58	ng	# 81
19) n-Nitroso-di-n-propylamine	6.99	70	124758	49.58	ng	97
20) 3+4-Methylphenols	7.00	107	165295	46.69	ng	94
22) Acetophenone	6.98	105	207068	40.73	ng	99
24) Nitrobenzene	7.15	77	168270	44.52	ng	95
25) Isophorone	7.39	82	321983	48.75	ng	97
26) 2-Nitrophenol	7.47	139	80125	45.46	ng	# 87
27) 2,4-Dimethylphenol	7.53	122	141879	47.77	ng	96
28) bis(2-Chloroethoxy)methane	7.62	93	200561	48.55	ng	100
29) 2,4-Dichlorophenol	7.72	162	125860	47.03	ng	94
30) 1,2,4-Trichlorobenzene	7.79	180	137942	46.56	ng	95
31) Naphthalene	7.87	128	502850	48.93	ng	100
32) Benzoic acid	7.68	122	64875	28.41	ng	92
33) 4-Chloroaniline	7.93	127	107863	24.96	ng	# 90
34) Hexachlorobutadiene	7.99	225	71860	43.58	ng	98
35) Caprolactam	8.36	113	7829	9.42	ng	92
36) 4-Chloro-3-methylphenol	8.43	107	145589	45.15	ng	95
37) 2-Methylnaphthalene	8.56	142	283507	43.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	120577	39.86	ng	99
40) Hexachlorocyclopentadiene	8.72	237	38848	42.76	ng	98

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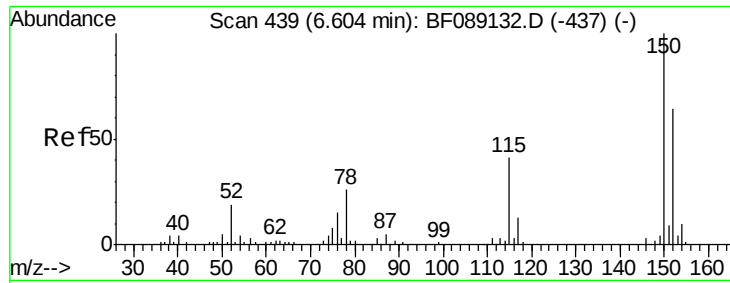
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.84	196	80144	47.34	ng	95
43) 2,4,5-Trichlorophenol	8.89	196	97070	57.12	ng	# 93
45) 1,1'-Biphenyl	9.03	154	337652	46.07	ng	97
46) 2-Chloronaphthalene	9.05	162	280430	50.35	ng	94
47) 2-Nitroaniline	9.15	65	90431	47.33	ng	92
48) Acenaphthylene	9.46	152	424365	48.47	ng	99
49) Dimethylphthalate	9.34	163	320541	51.33	ng	98
50) 2,6-Dinitrotoluene	9.40	165	67841	48.12	ng	# 86
51) Acenaphthene	9.63	154	248861	48.05	ng	100
52) 3-Nitroaniline	9.56	138	55937	33.41	ng	83
53) 2,4-Dinitrophenol	9.68	184	26076	40.93	ng	90
54) Dibenzofuran	9.80	168	379305	54.20	ng	96
55) 4-Nitrophenol	9.76	139	73913	72.96	ng	91
56) 2,4-Dinitrotoluene	9.80	165	93372	51.41	ng	88
57) Fluorene	10.14	166	274297	46.17	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	67299	55.14	ng	93
59) Diethylphthalate	10.03	149	353533	57.09	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	131234	48.39	ng	# 75
61) 4-Nitroaniline	10.18	138	63603	39.04	ng	94
62) Azobenzene	10.30	77	369829	54.95	ng	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	22448	27.35	ng	90
65) n-Nitrosodiphenylamine	10.26	169	274795	58.33	ng	98
66) 4-Bromophenyl-phenylether	10.63	248	76554	54.88	ng	# 81
67) Hexachlorobenzene	10.69	284	75671	50.43	ng	# 76
68) Atrazine	10.80	200	80017	54.31	ng	94
69) Pentachlorophenol	10.88	266	62452	90.22	ng	97
70) Phenanthrene	11.10	178	364811	47.18	ng	99
71) Anthracene	11.14	178	416935	51.87	ng	99
72) Carbazole	11.30	167	343984	48.72	ng	99
73) Di-n-butylphthalate	11.65	149	517164	59.22	ng	99
74) Fluoranthene	12.26	202	341228	41.98	ng	98
76) Benzidine	12.41	184	236912	82.11	ng	97
77) Pyrene	12.49	202	341289	49.24	ng	100
79) Butylbenzylphthalate	13.13	149	170333	58.10	ng	# 75
80) Benzo(a)anthracene	13.68	228	250899	46.94	ng	100
81) 3,3'-Dichlorobenzidine	13.65	252	81000	45.69	ng	96
82) Chrysene	13.71	228	273457	53.56	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	236686	60.86	ng	# 97
84) Di-n-octyl phthalate	14.30	149	369943	57.65	ng	98
85) Indeno(1,2,3-cd)pyrene	16.24	276	227101	61.24	ng	99
87) Benzo(b)fluoranthene	14.70	252	493982	86.12	ng	# 94
88) Benzo(k)fluoranthene	14.70	252	493982	120.43	ng	# 98
89) Benzo(a)pyrene	14.97	252	232872	52.29	ng	98
90) Dibenzo(a,h)anthracene	16.24	278	190786	54.26	ng	# 91
91) Benzo(g,h,i)perylene	16.59	276	179940	50.76	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

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SP3750

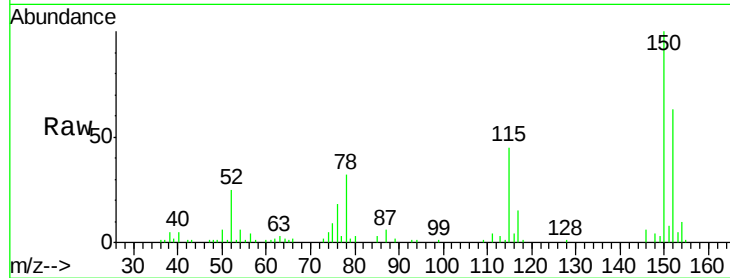
Tgt Ion:152 Resp: 45374

Ion Ratio Lower Upper

152 100

150 159.6 125.1 187.7

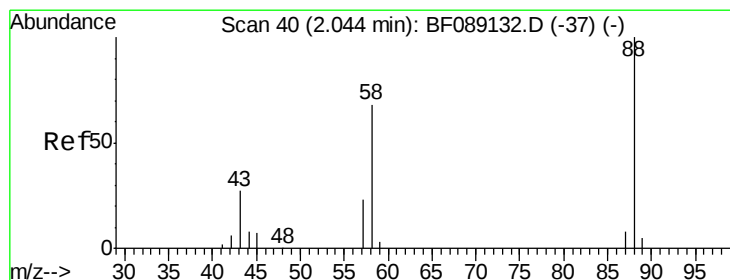
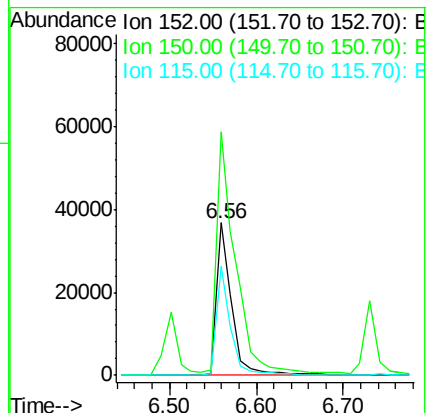
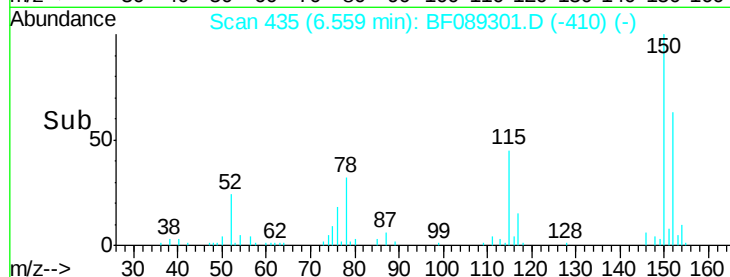
115 71.2 51.1 76.7



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: 46.15 ng

RT: 2.07 min Scan# 42

Delta R.T. 0.08 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

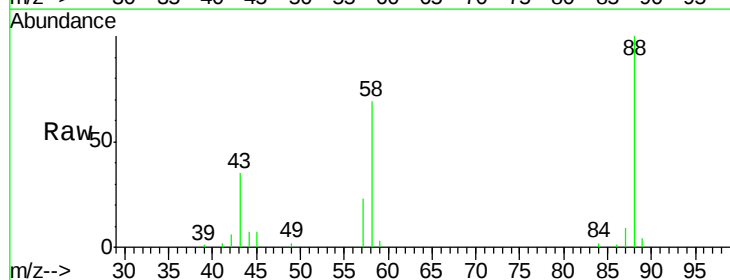
Tgt Ion: 88 Resp: 59783

Ion Ratio Lower Upper

88 100

58 71.8 49.2 73.8

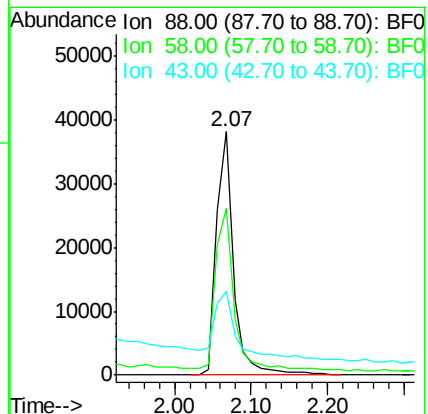
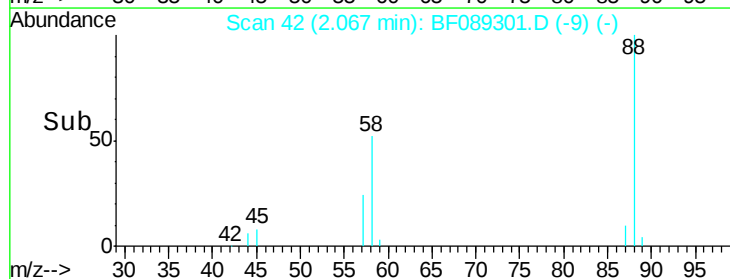
43 40.6 20.6 30.8#

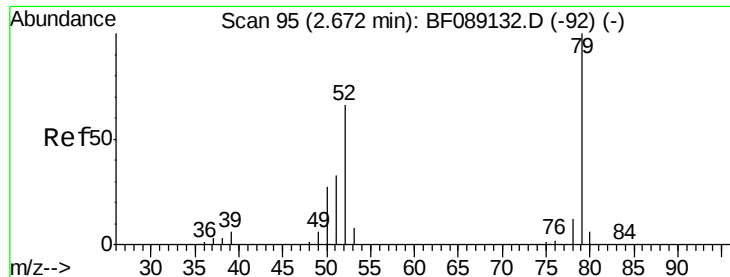


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 48.01 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

Instrument :

BNA_F

ClientSampleId :

SP3750

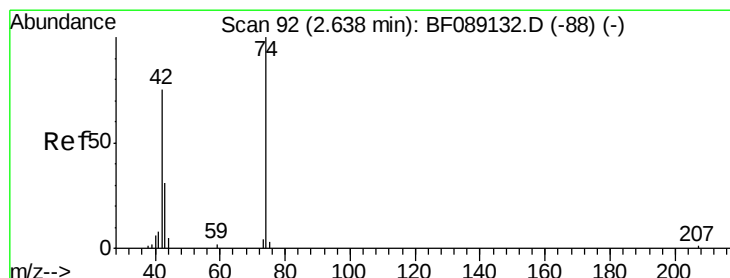
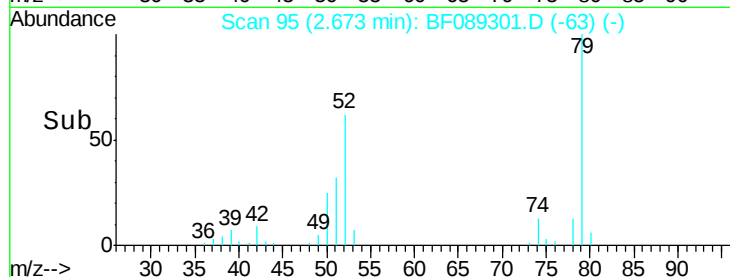
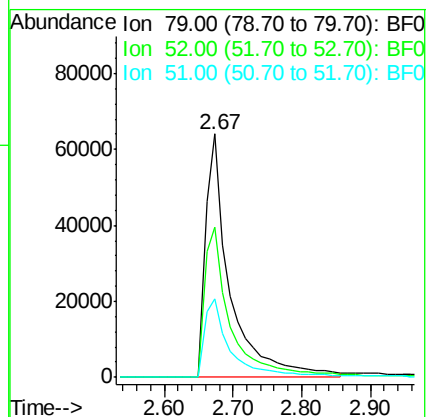
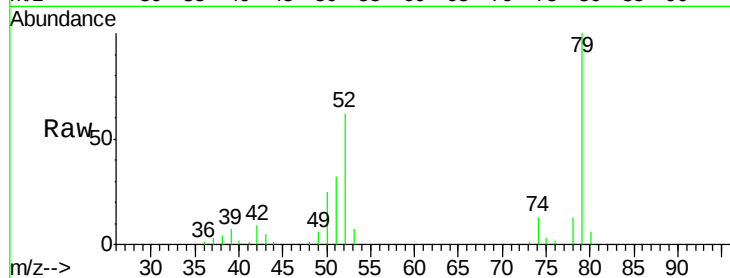
Tgt Ion: 79 Resp: 157999

Ion Ratio Lower Upper

79 100

52 61.6 52.9 79.3

51 32.0 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.07 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

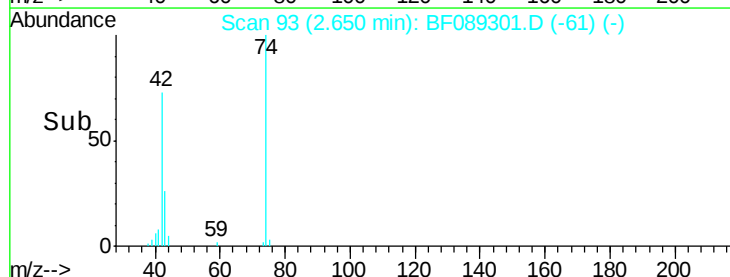
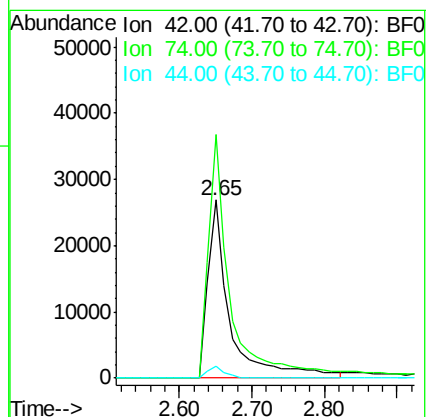
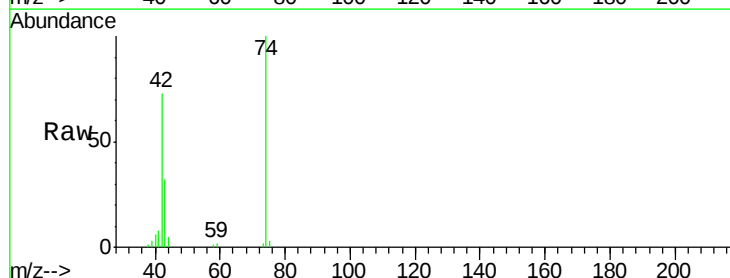
Tgt Ion: 42 Resp: 57079

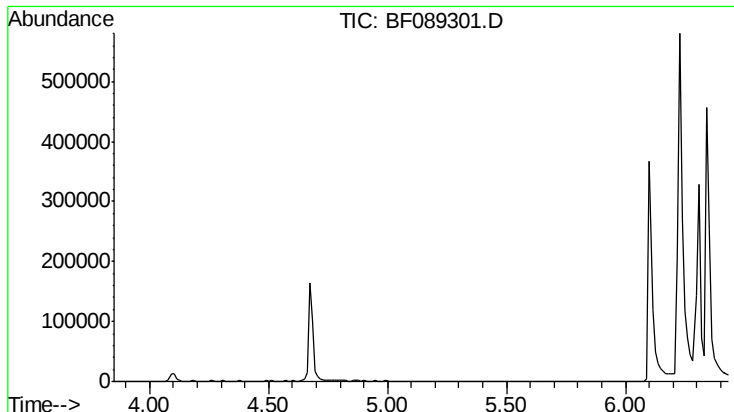
Ion Ratio Lower Upper

42 100

74 136.8 106.4 159.6

44 6.9 5.2 7.8

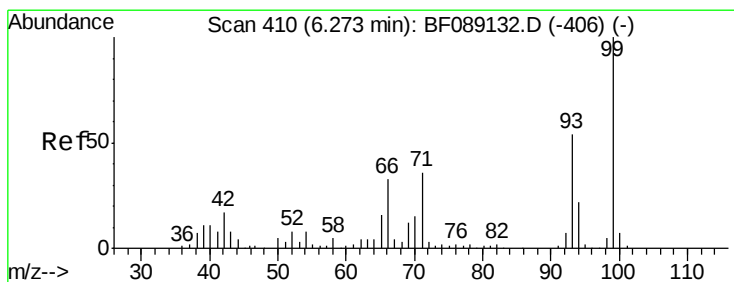
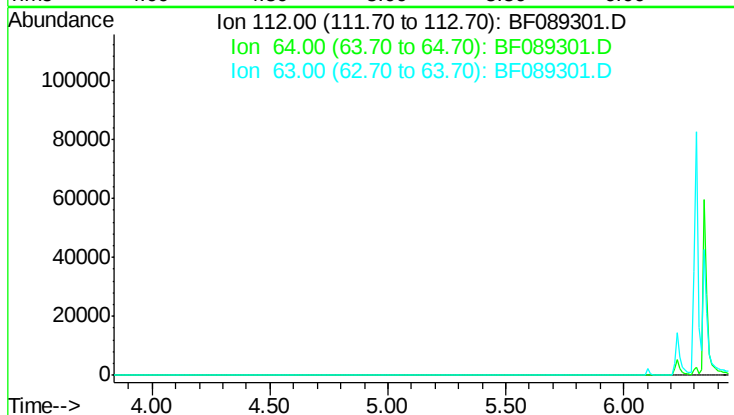




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.14 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

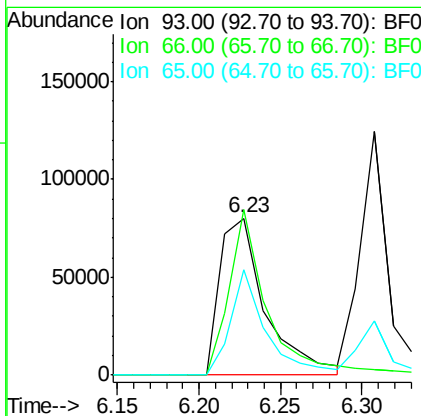
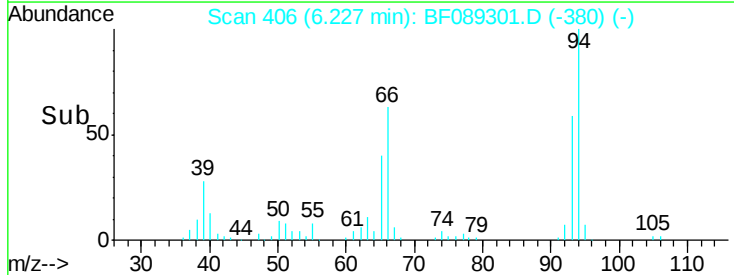
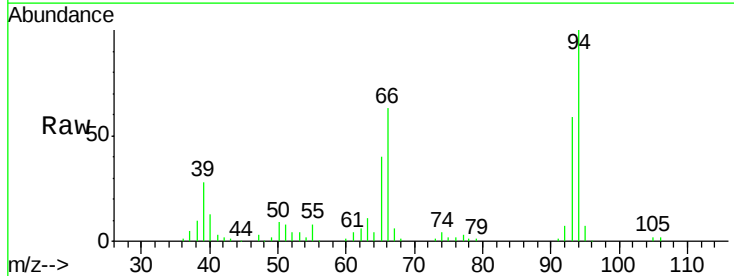
Instrument :
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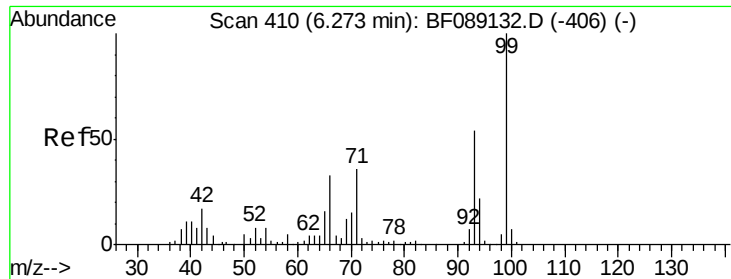
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 63.7
 63 34.1



#6
 Aniline
 Concen: 29.94 ng
 RT: 6.23 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Tgt Ion: 93 Resp: 155654
 Ion Ratio Lower Upper
 93 100
 66 105.6 48.9 73.3#
 65 67.3 23.9 35.9#





#7

Phenol-d6

Concen: 2.06 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.11 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

Instrument :

BNA_F

ClientSampled :

SP3750

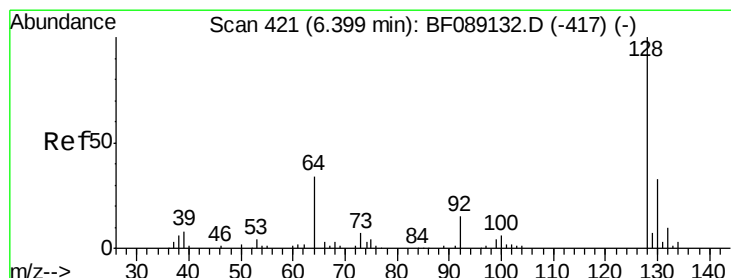
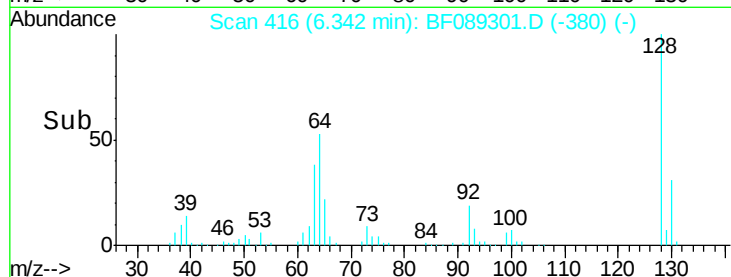
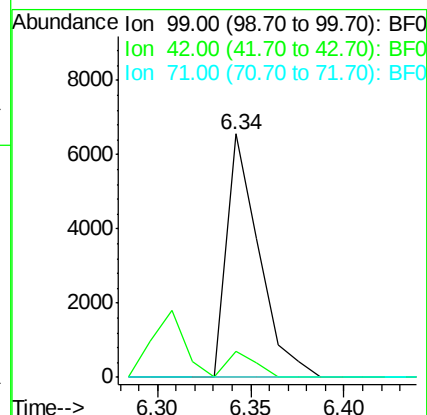
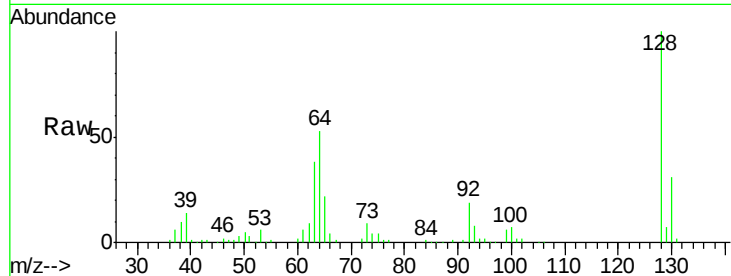
Tgt Ion: 99 Resp: 7937

Ion Ratio Lower Upper

99 100

42 10.6 13.5 20.3#

71 0.0 28.9 43.3#



#8

2-Chlorophenol

Concen: 49.52 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

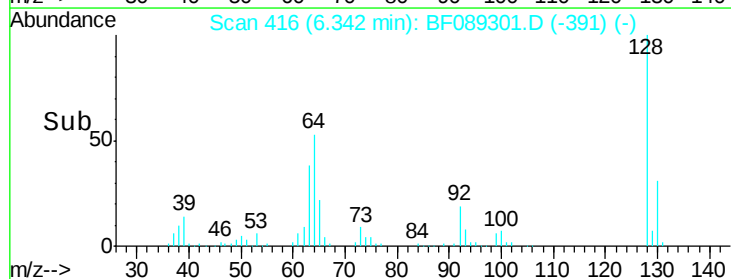
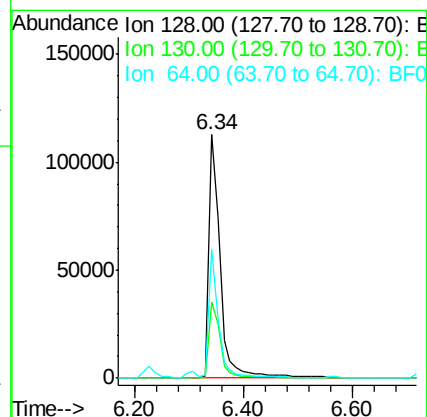
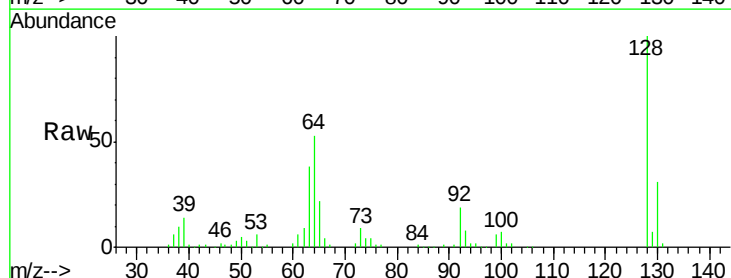
Tgt Ion: 128 Resp: 163947

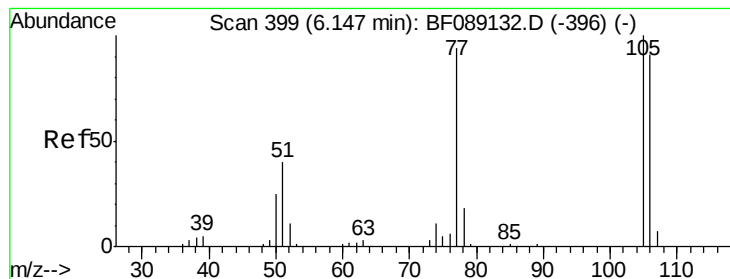
Ion Ratio Lower Upper

128 100

130 31.4 12.6 52.6

64 52.9 17.5 57.5





#9

Benzaldehyde

Concen: 54.50 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.01 min

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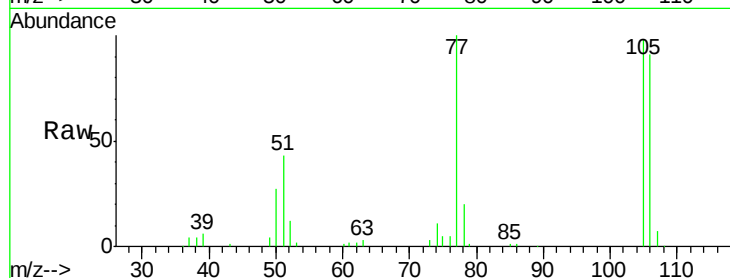
Tgt Ion: 77 Resp: 100120

Ion Ratio Lower Upper

77 100

105 97.7 86.2 126.2

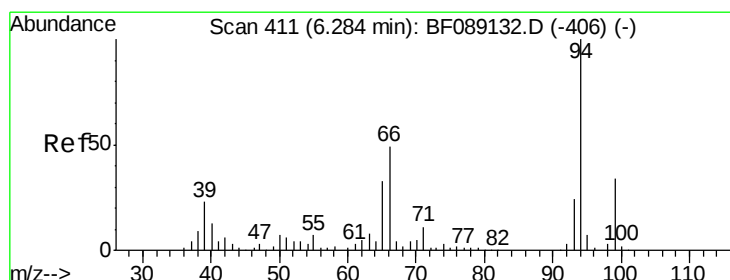
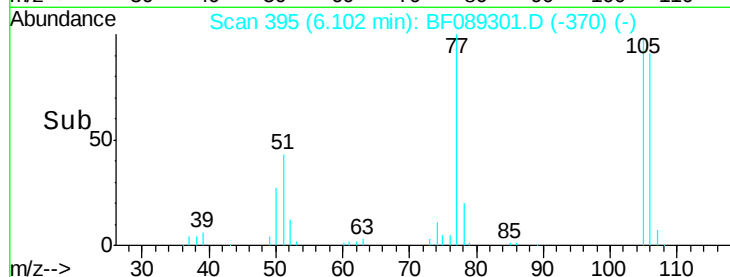
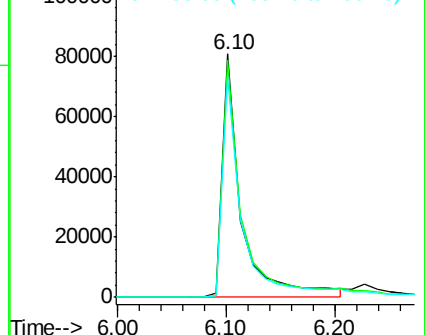
106 90.7 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.78 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

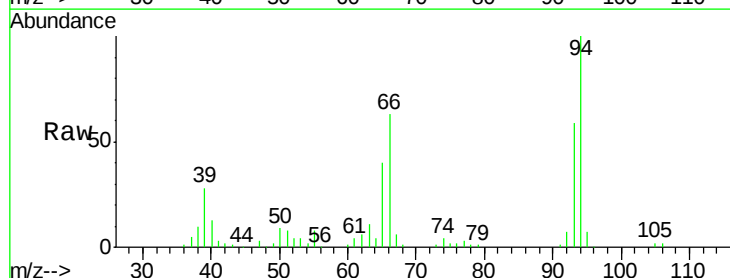
Tgt Ion: 94 Resp: 211766

Ion Ratio Lower Upper

94 100

65 39.9 13.3 53.3

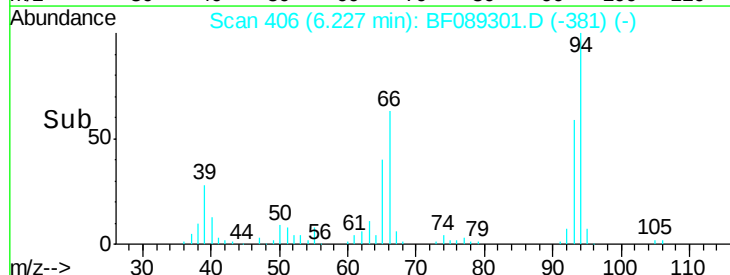
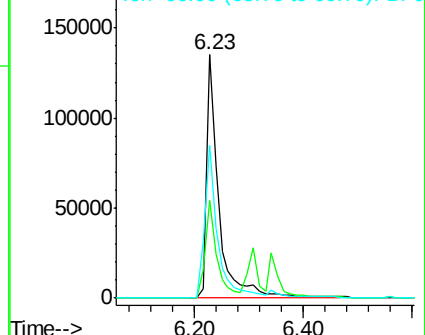
66 62.6 29.3 69.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

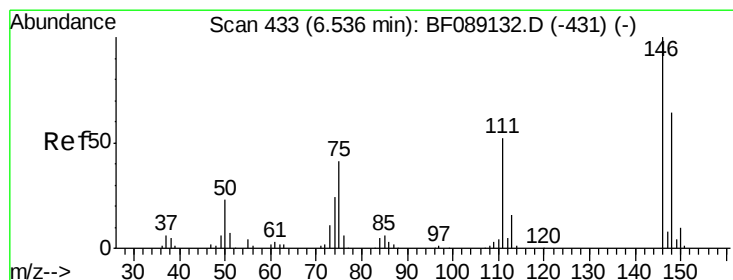
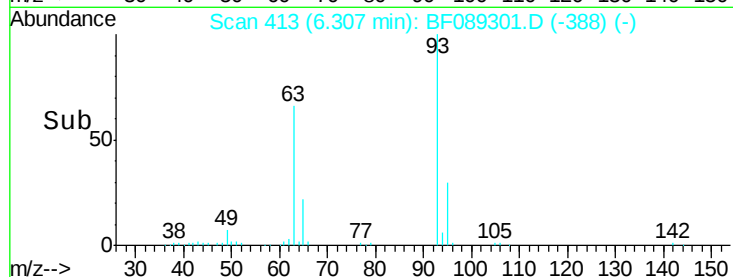
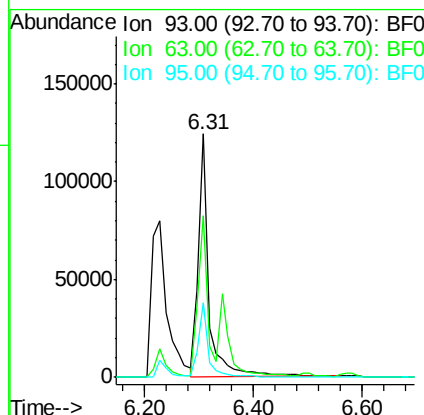
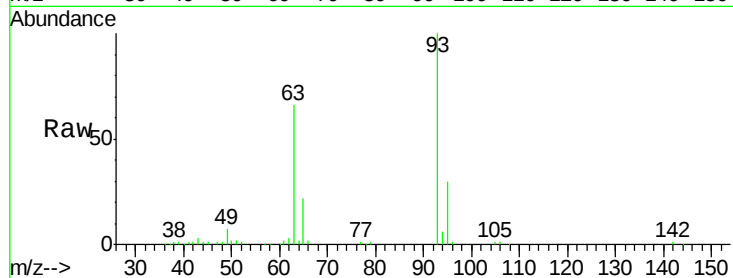




#11
bis(2-Chloroethyl)ether
Concen: 49.85 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

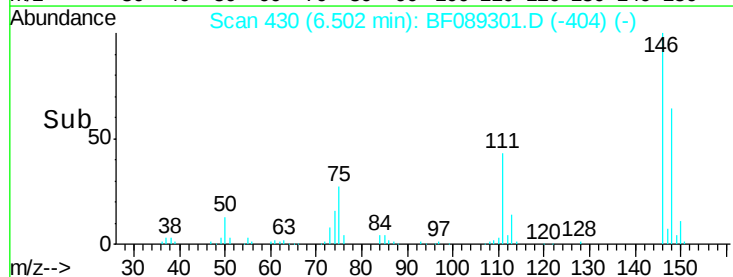
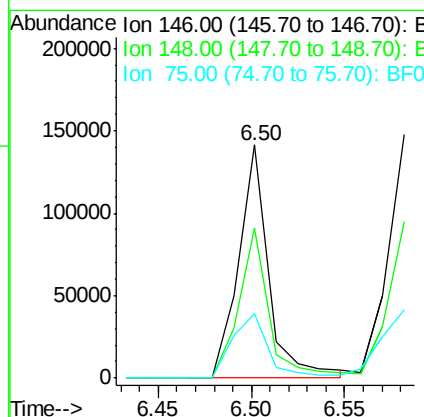
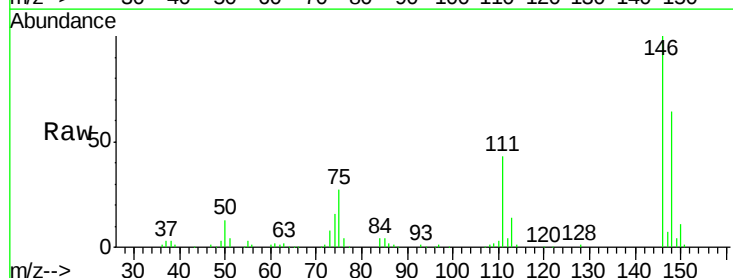
Instrument :
BNA_F
ClientSampleId :
SP3750

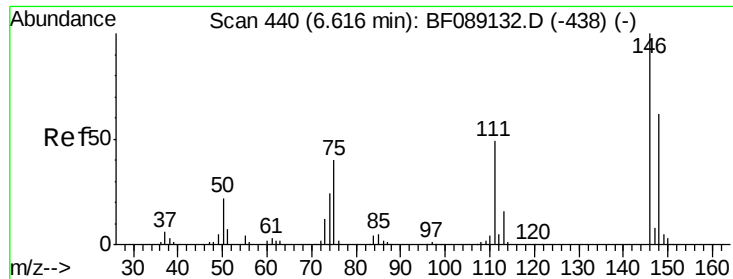
Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.3	47.3	87.3
95	30.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 43.83 ng
RT: 6.50 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
75	27.4	32.5	48.7

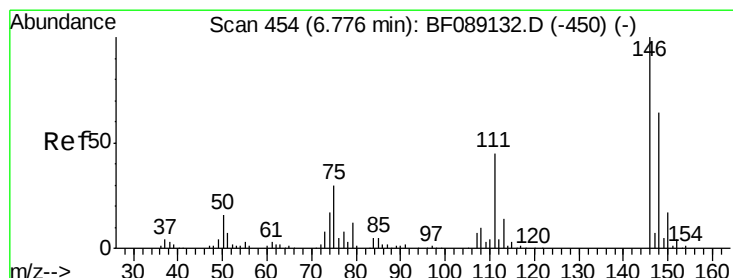
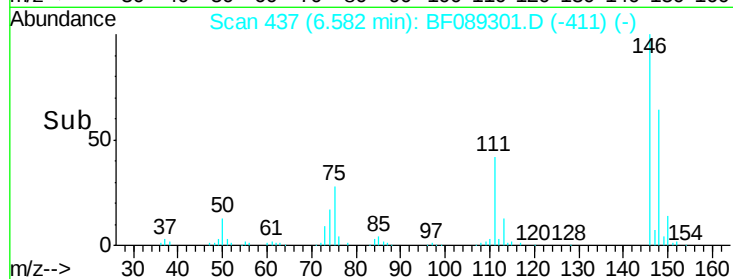
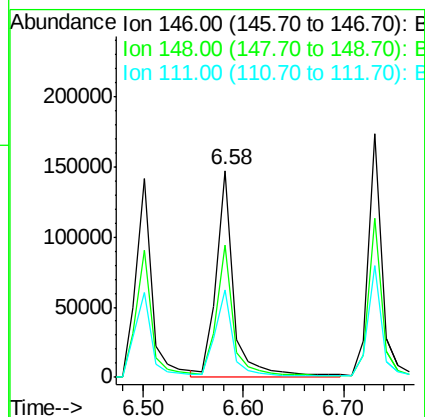
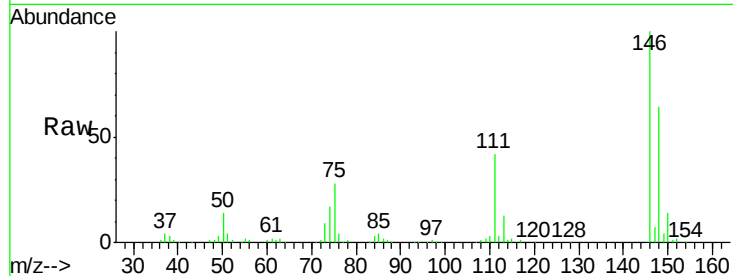




#13
 1,4-Dichlorobenzene
 Concen: 48.59 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

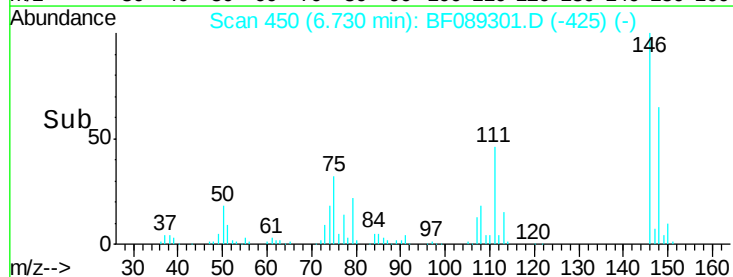
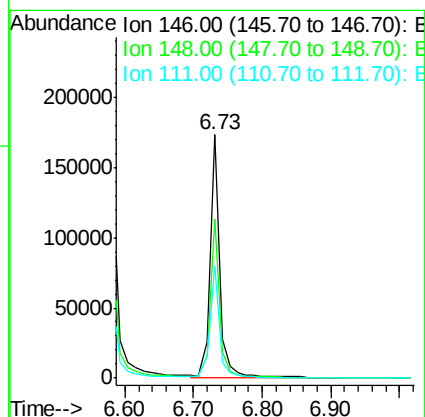
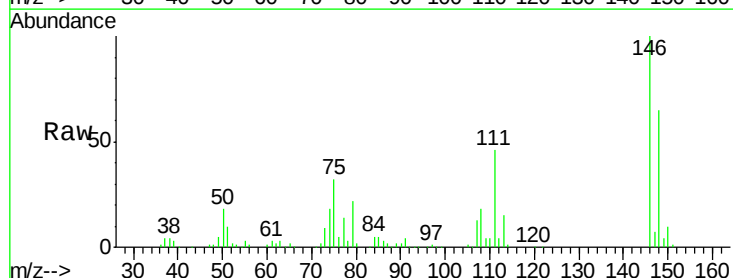
Instrument :
 BNA_F
 ClientSampled :
 SP3750

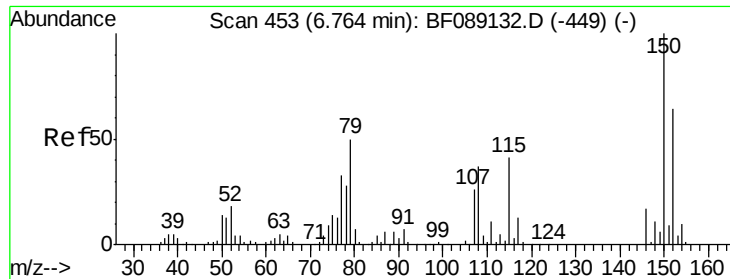
Tgt Ion:146 Resp: 178884
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.9 74.9
 111 42.3 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 48.96 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Tgt Ion:146 Resp: 169963
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.0
 111 46.0 35.9 53.9

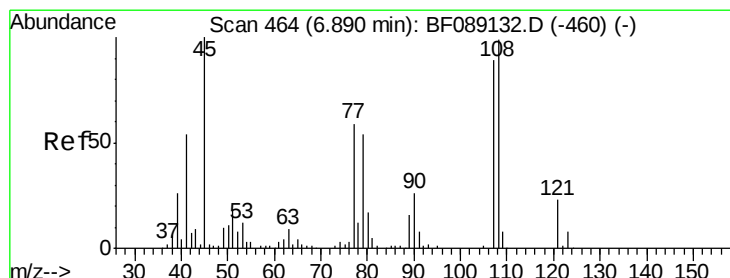
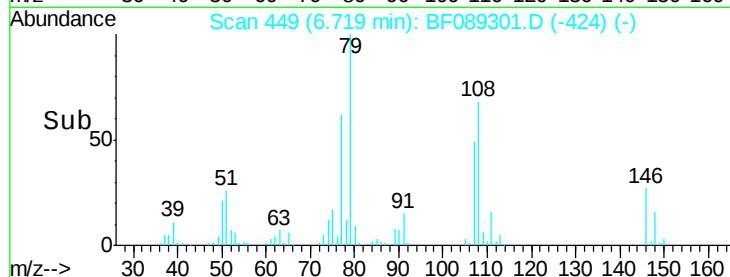
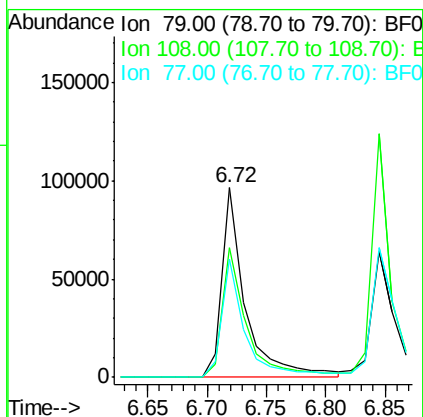
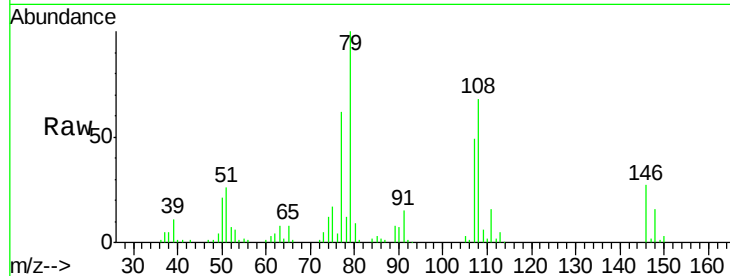




#15
Benzyl Alcohol
Concen: 46.96 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

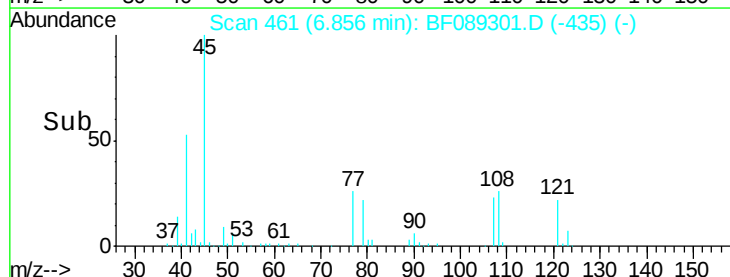
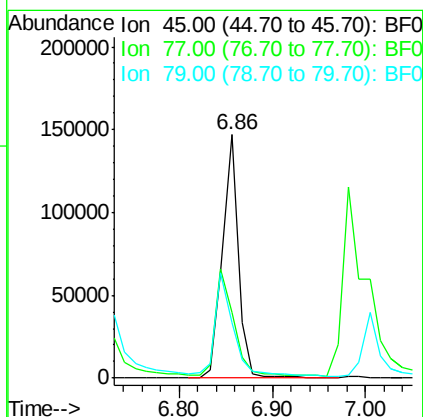
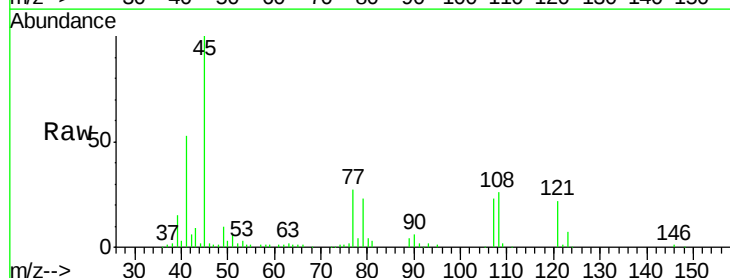
Instrument :
BNA_F
ClientSampleId :
SP3750

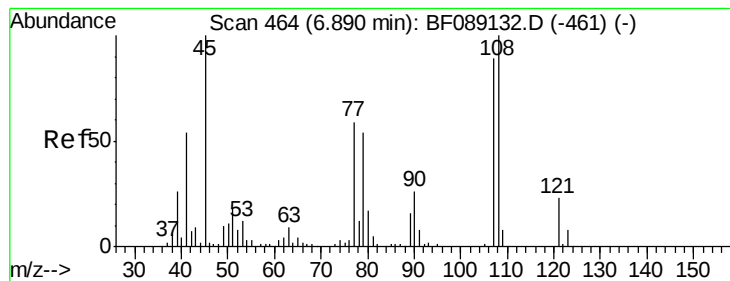
Tgt Ion: 79 Resp: 132301
Ion Ratio Lower Upper
79 100
108 68.5 58.2 87.4
77 62.1 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.61 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Tgt Ion: 45 Resp: 176774
Ion Ratio Lower Upper
45 100
77 26.9 39.7 79.7#
79 22.8 34.7 74.7#





#17

2-Methylphenol

Concen: 47.84 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

Instrument :

BNA_F

ClientSampleId :

SP3750

Tgt Ion:107 Resp: 124754

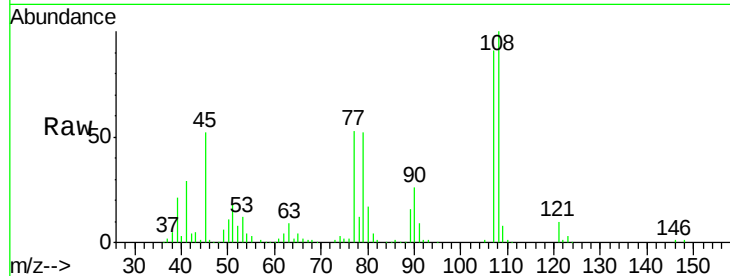
Ion Ratio Lower Upper

107 100

108 109.8 89.4 134.2

77 58.2 53.4 80.0

79 56.6 49.0 73.4

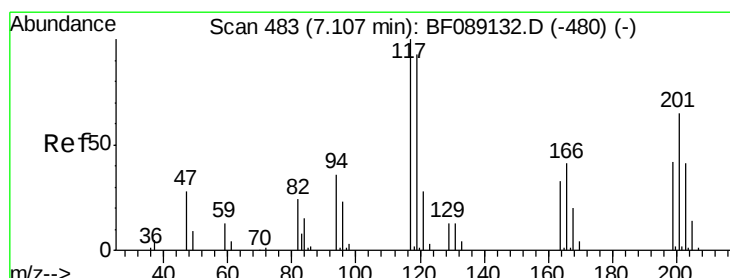
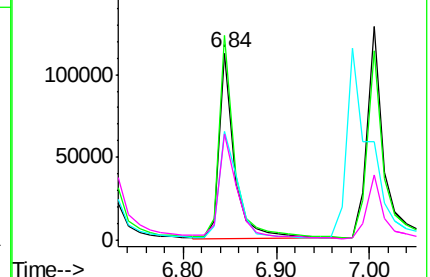
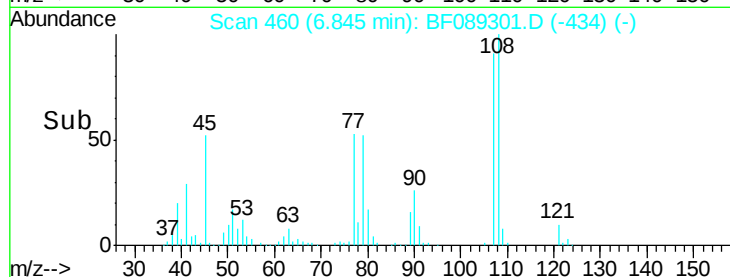


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.58 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

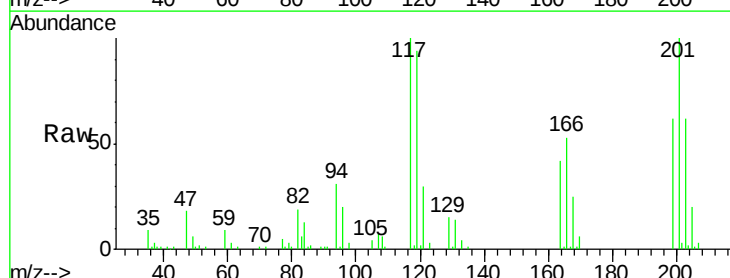
Tgt Ion:117 Resp: 64465

Ion Ratio Lower Upper

117 100

119 94.4 74.5 111.7

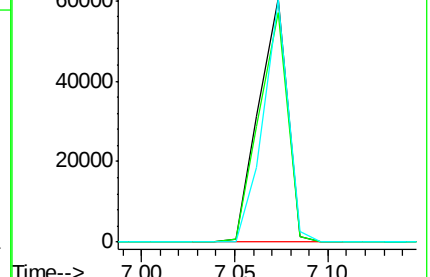
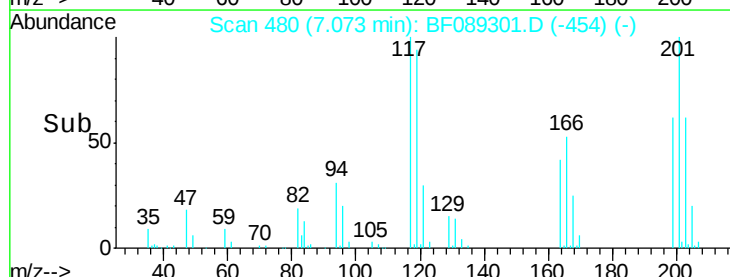
201 99.6 51.8 77.6#

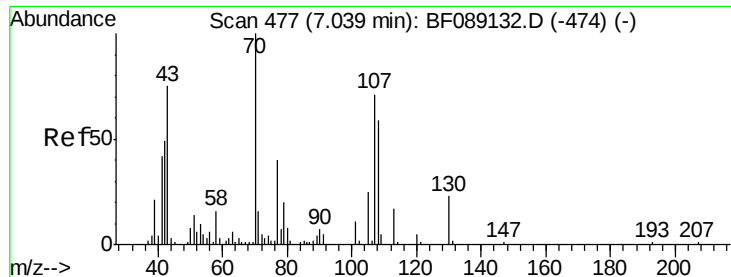


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

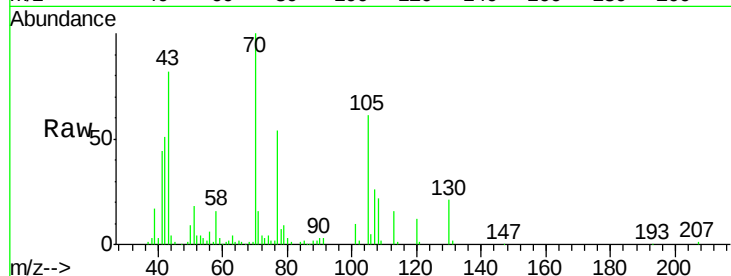




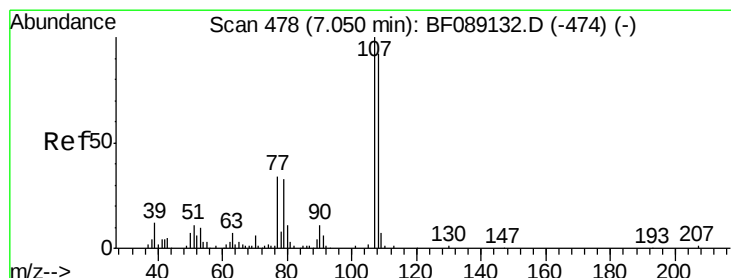
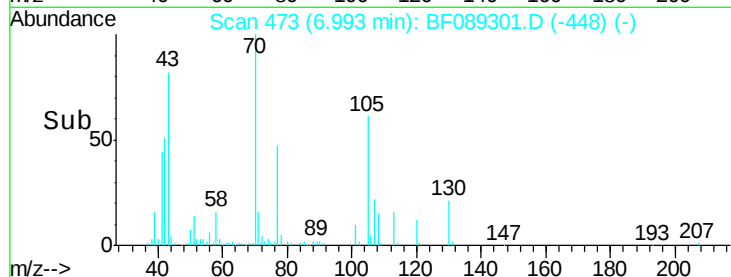
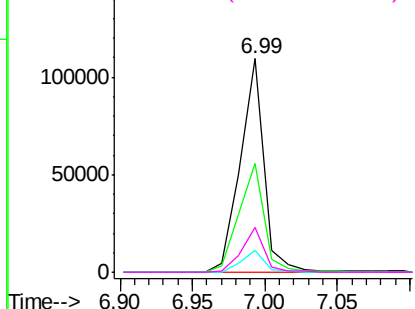
#19
n-Nitroso-di-n-propylamine
Concen: 49.58 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Instrument :
BNA_F
ClientSampleId :
SP3750

Tgt Ion: 70 Resp: 124758
Ion Ratio Lower Upper
70 100
42 50.8 39.2 58.8
101 10.0 8.5 12.7
130 20.9 18.4 27.6



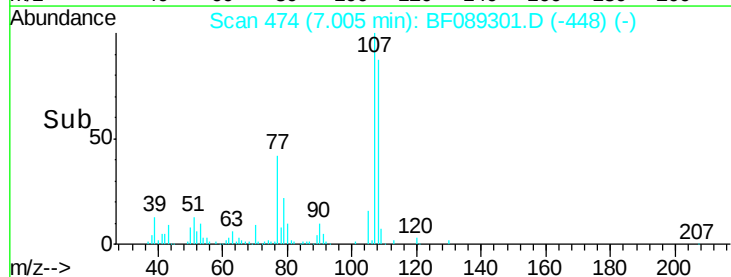
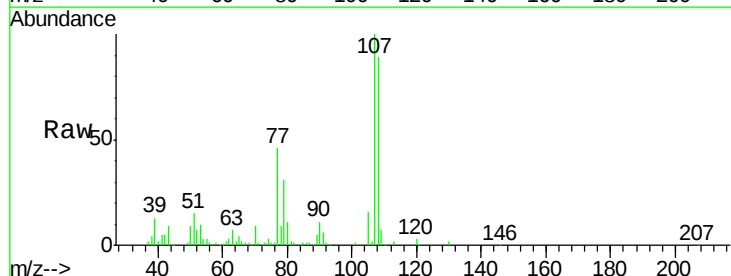
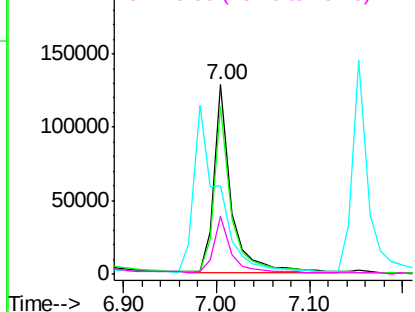
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

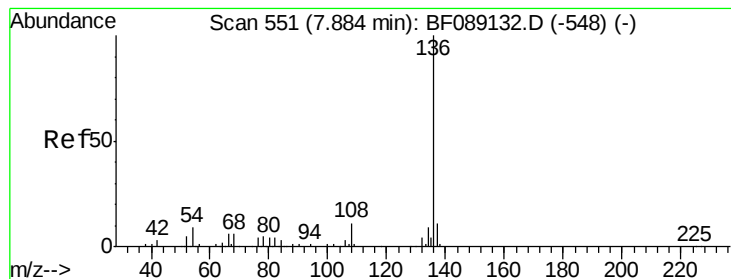


#20
3+4-Methylphenols
Concen: 46.69 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Tgt Ion: 107 Resp: 165295
Ion Ratio Lower Upper
107 100
108 88.9 72.5 112.5
77 46.4 17.7 57.7
79 30.8 12.9 52.9

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

Instrument :

BNA_F

ClientSampleId :

SP3750

Tgt Ion:136 Resp: 190399

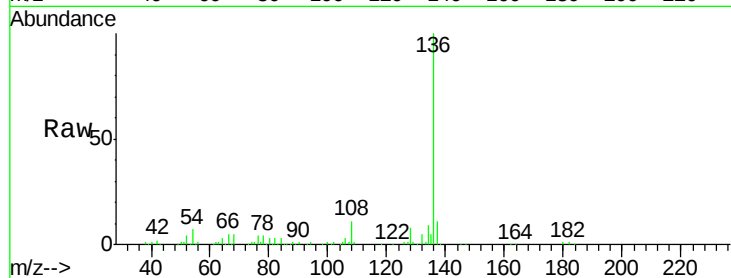
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.6 7.0 10.4#

68 5.4 5.0 7.6

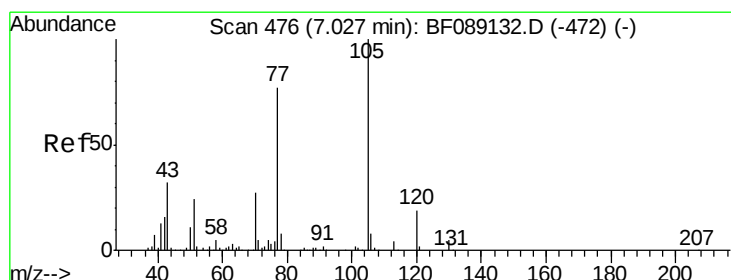
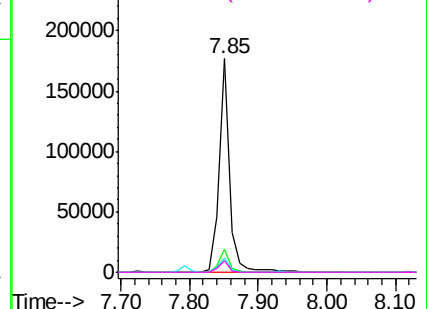
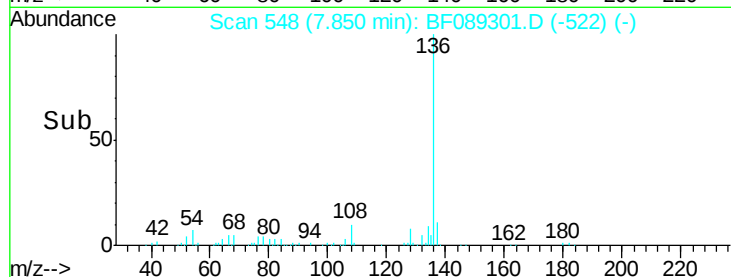


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.73 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

Tgt Ion:105 Resp: 207068

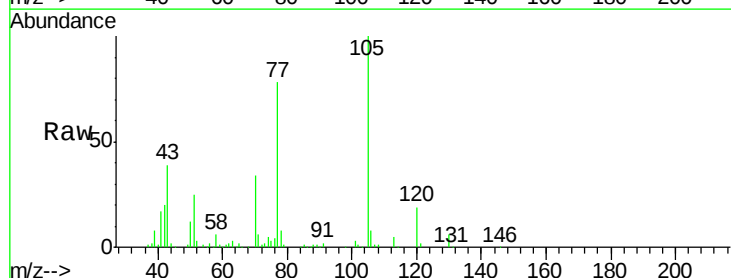
Ion Ratio Lower Upper

105 100

71 5.6 3.8 5.6

51 25.5 19.6 29.4

120 19.3 15.5 23.3

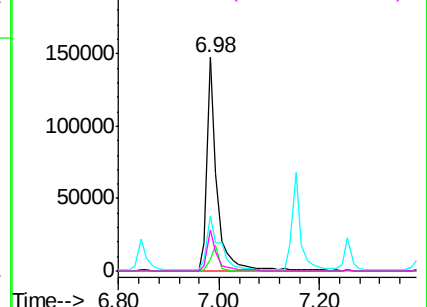
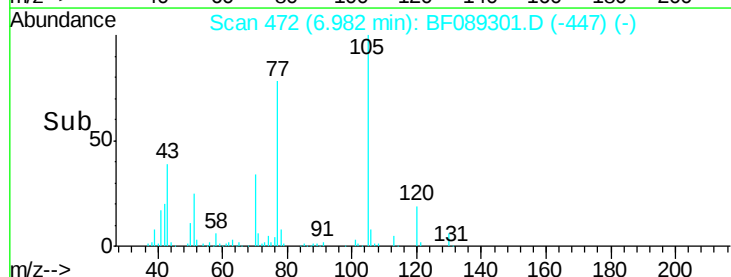


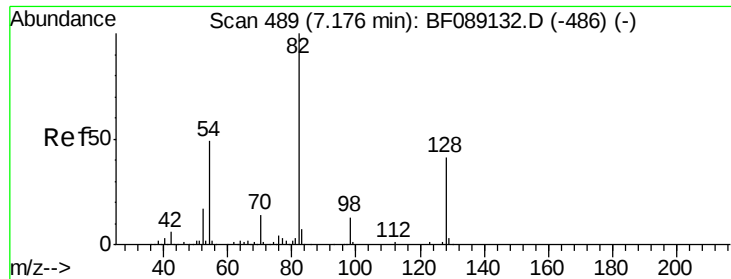
Abundance Ion 105.00 (104.70 to 105.70): E

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

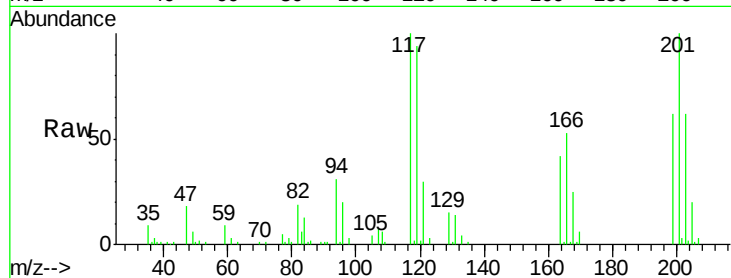




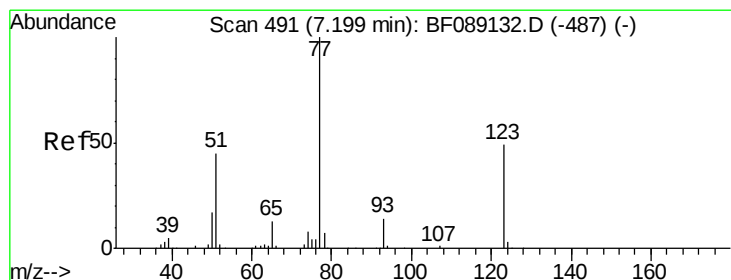
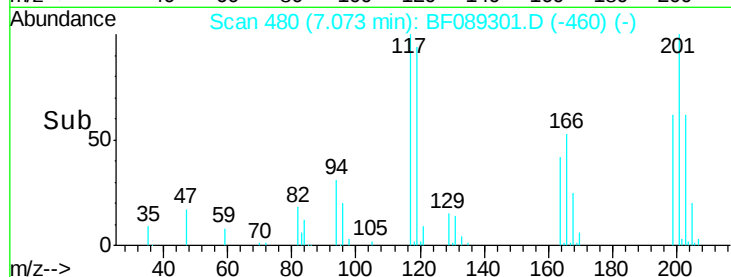
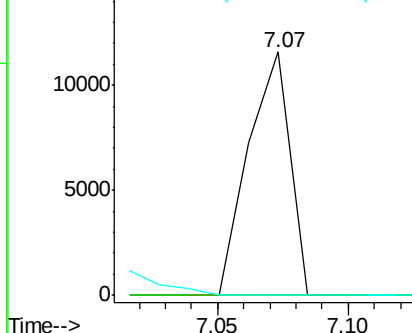
#23
 Nitrobenzene-d5
 Concen: 3.61 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.07 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Instrument :
 BNA_F
 ClientSampleId :
 SP3750

Tgt Ion	Ratio	Lower	Upper
82	100		
128	0.0	33.0	49.6#
54	0.0	39.0	58.4#

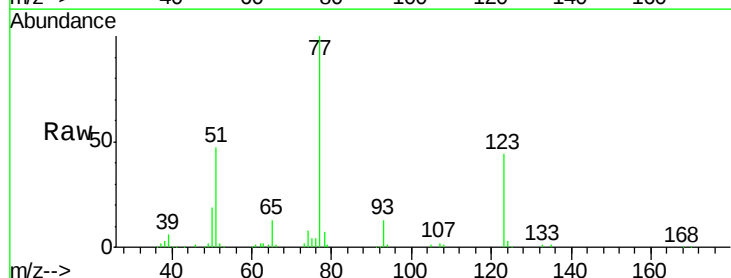


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

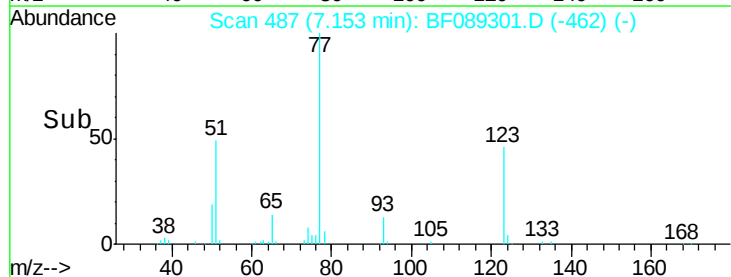
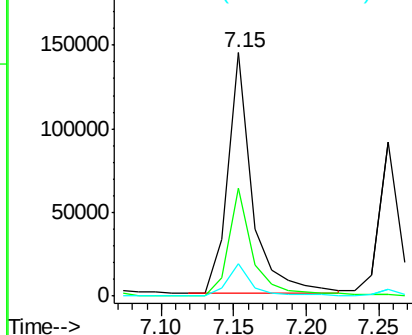


#24
 Nitrobenzene
 Concen: 44.52 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	38.9	58.3
65	13.4	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.75 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

Instrument :

BNA_F

ClientSampleId :

SP3750

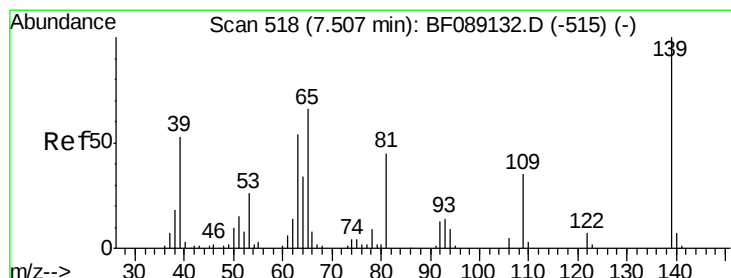
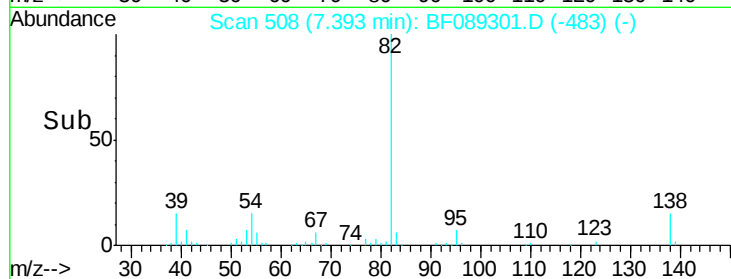
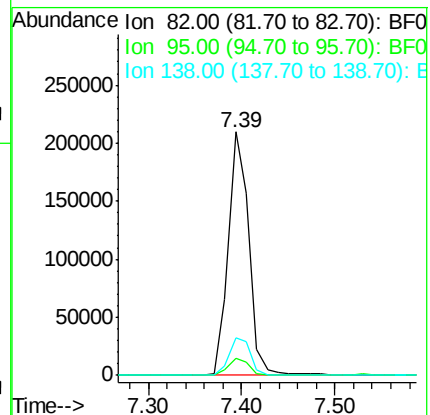
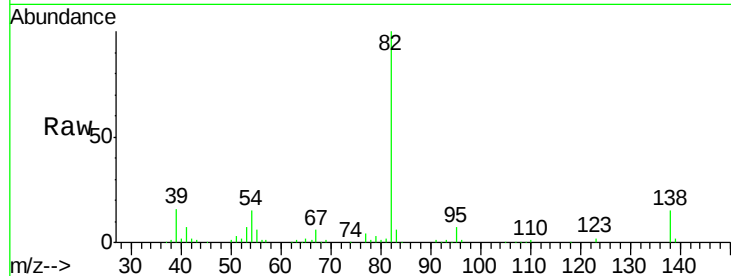
Tgt Ion: 82 Resp: 321983

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

138 15.3 13.6 20.4



#26

2-Nitrophenol

Concen: 45.46 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089301.D

Acq: 26 Jul 2016 4:16

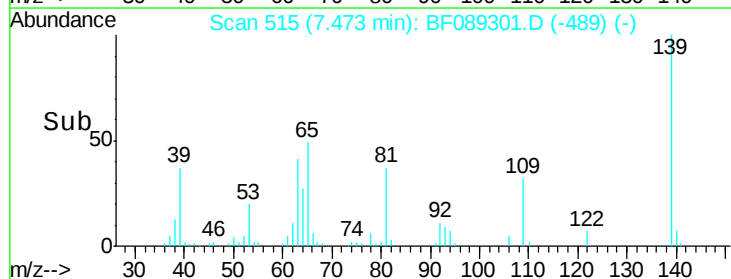
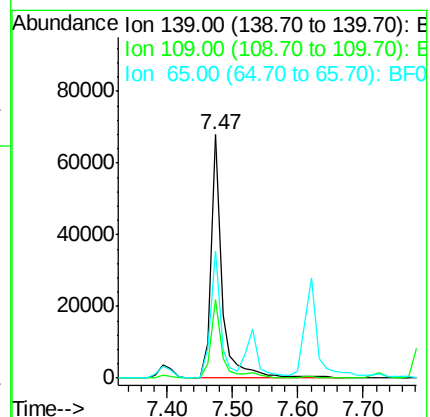
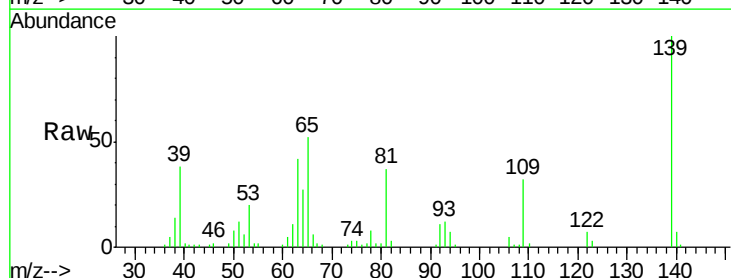
Tgt Ion: 139 Resp: 80125

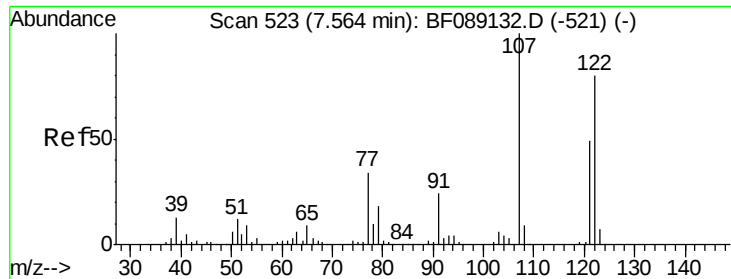
Ion Ratio Lower Upper

139 100

109 32.2 28.1 42.1

65 52.3 52.7 79.1#

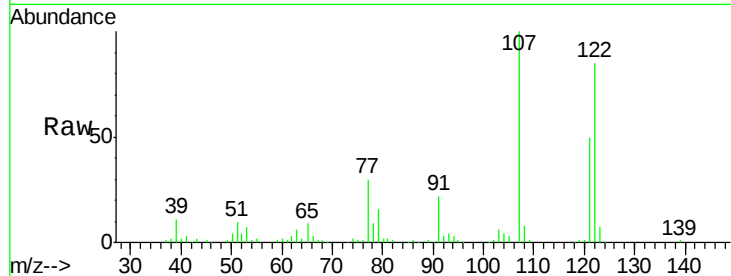




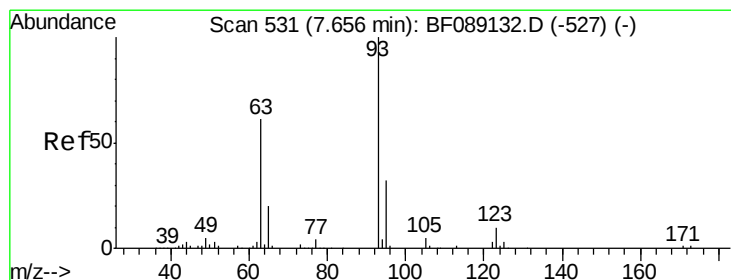
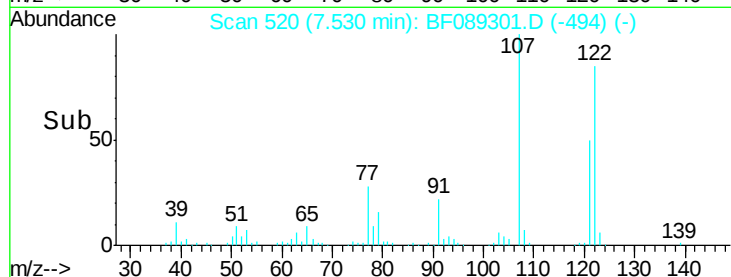
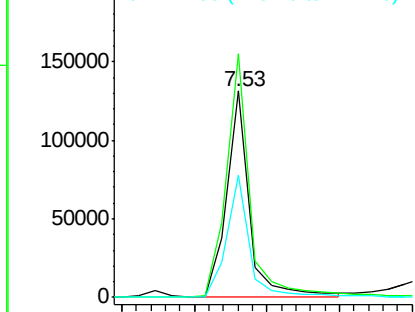
#27
 2,4-Dimethylphenol
 Concen: 47.77 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Instrument :
 BNA_F
 ClientSampleId :
 SP3750

Tgt Ion:122 Resp: 141879
 Ion Ratio Lower Upper
 122 100
 107 118.3 99.7 149.5
 121 59.1 48.5 72.7

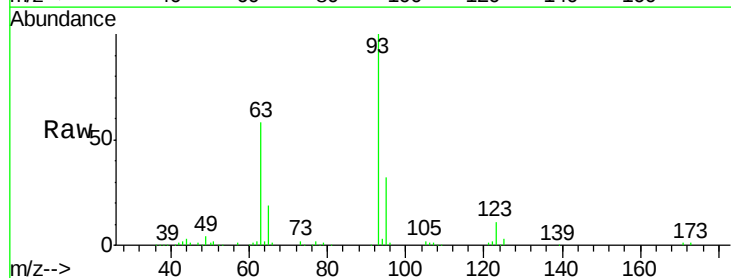


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

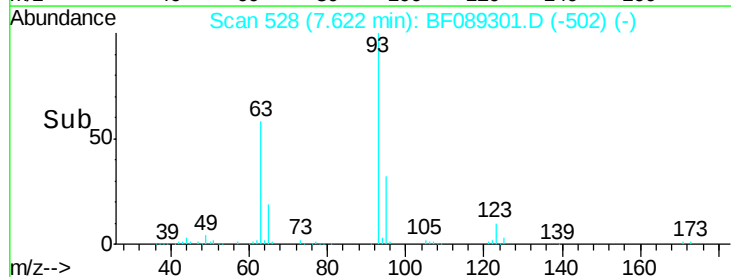
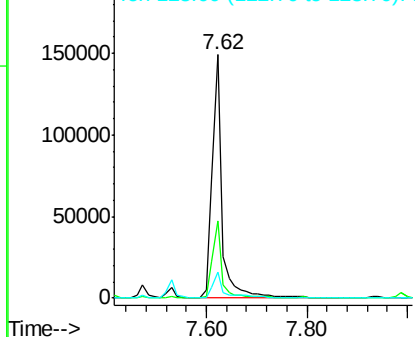


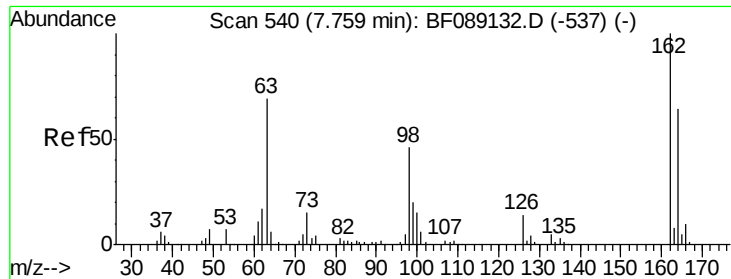
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.55 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Tgt Ion: 93 Resp: 200561
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.0
 123 10.5 8.3 12.5



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

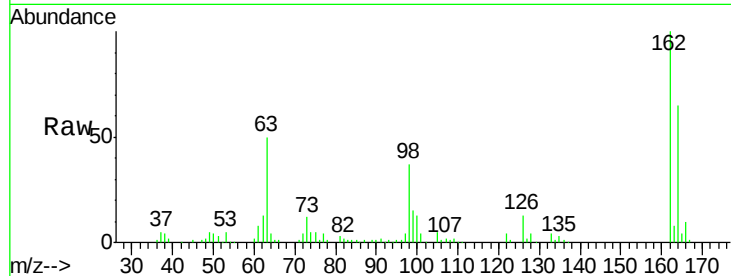




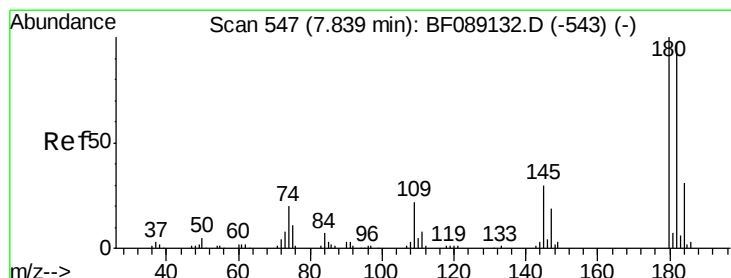
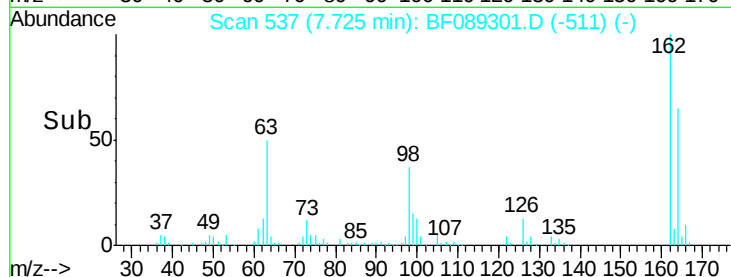
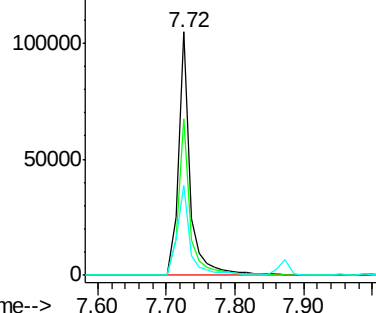
#29
2,4-Dichlorophenol
Concen: 47.03 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Instrument :
BNA_F
ClientSampled :
SP3750

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.0	84.0
98	36.8	26.0	66.0

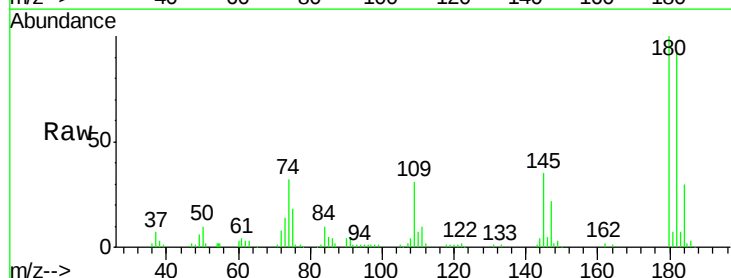


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

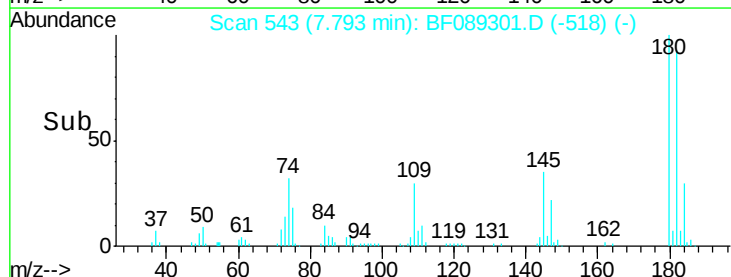
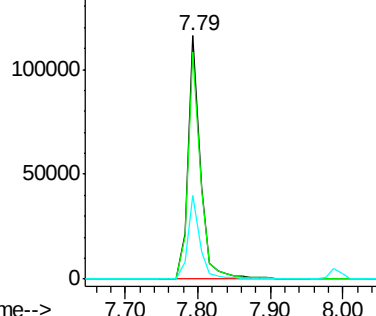


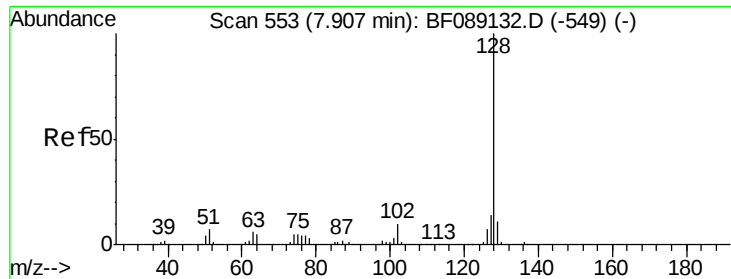
#30
1,2,4-Trichlorobenzene
Concen: 46.56 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.6	116.4
145	34.6	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

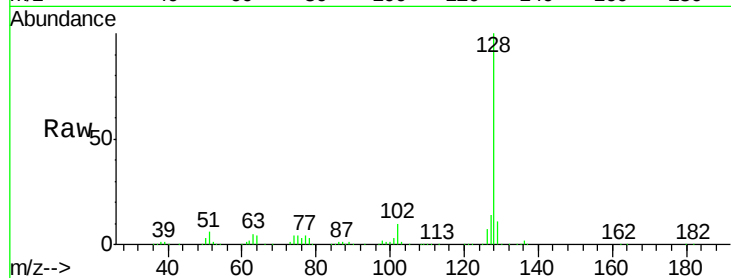




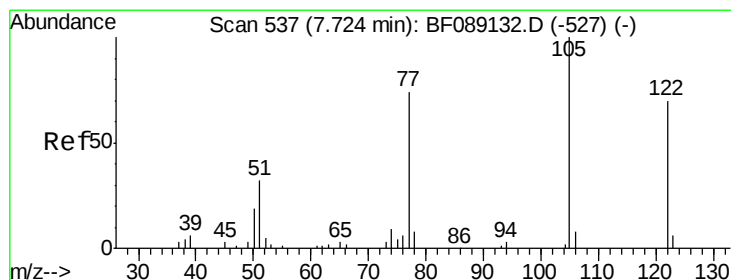
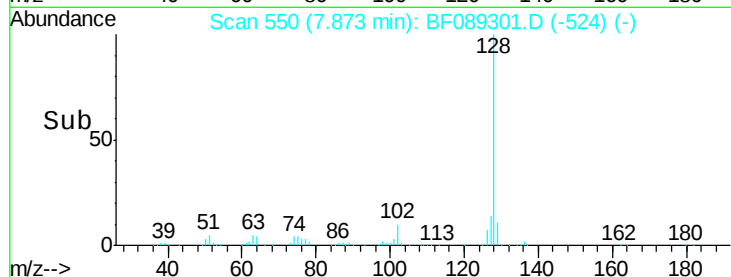
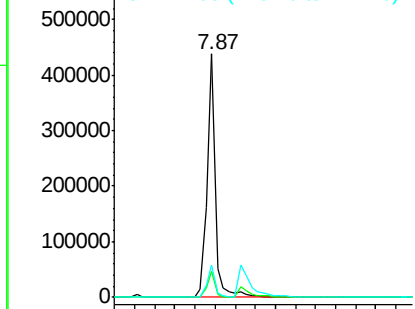
#31
Naphthalene
Concen: 48.93 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Instrument :
BNA_F
ClientSampleId :
SP3750

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.5	10.8	16.2

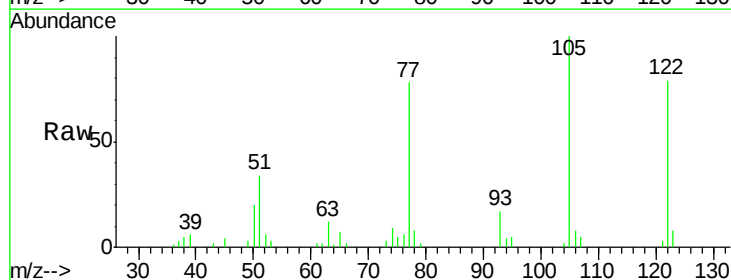


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

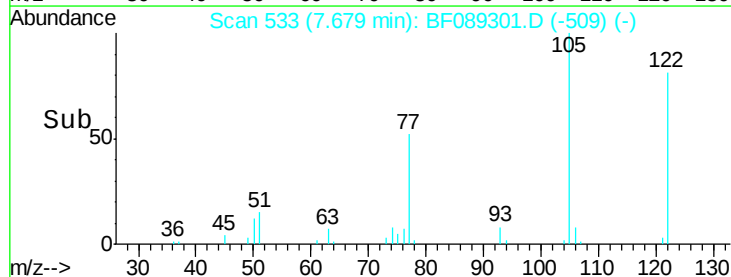
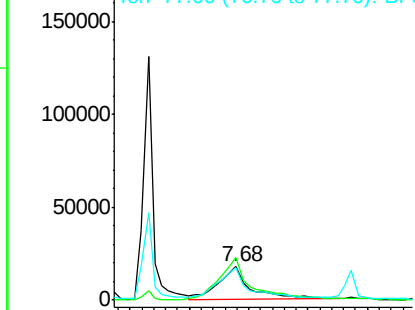


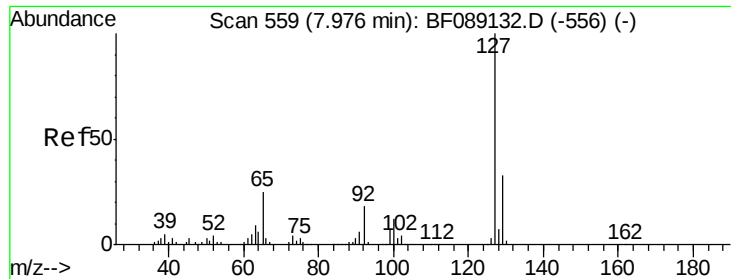
#32
Benzoic acid
Concen: 28.41 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.2	119.0	159.0
77	98.6	84.7	124.7



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

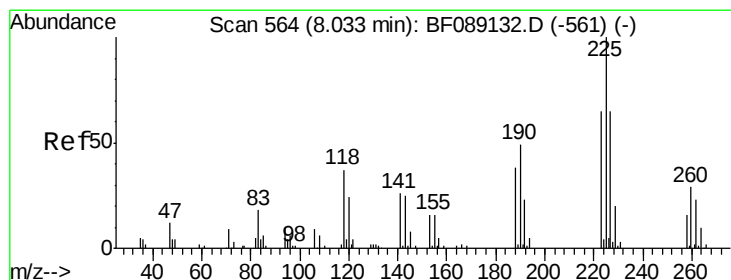
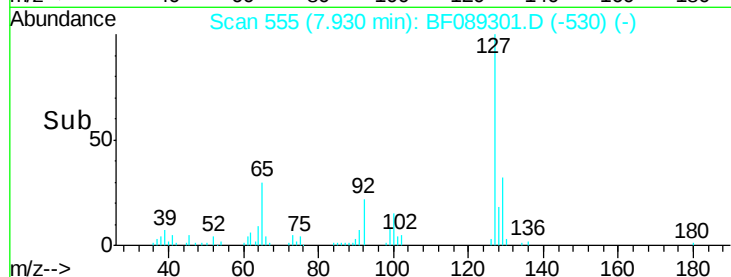
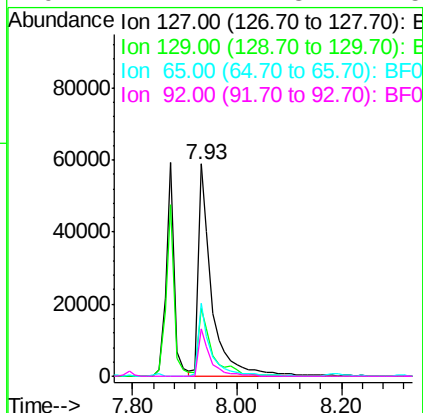
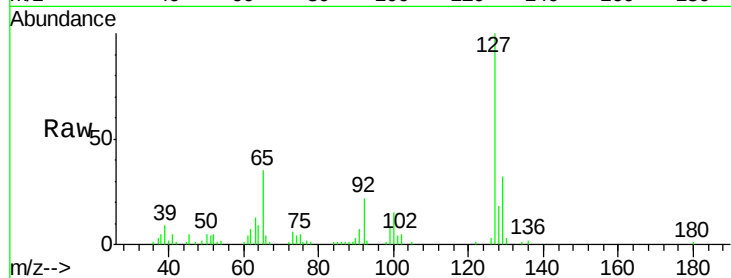




#33
4-Chloroaniline
Concen: 24.96 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

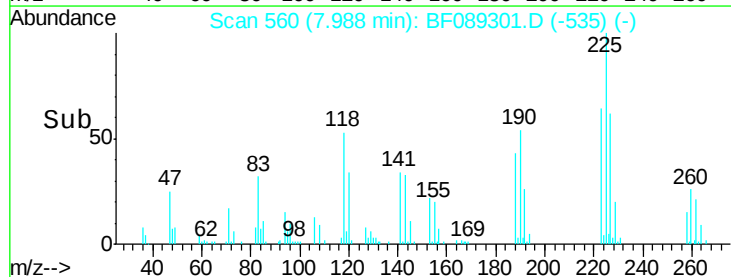
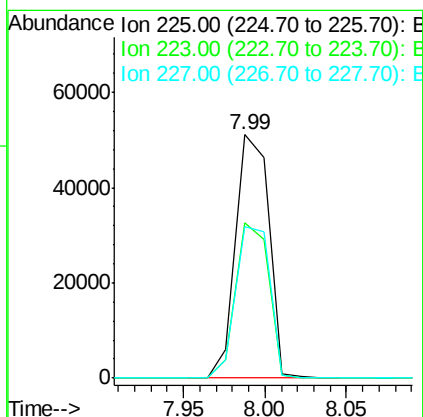
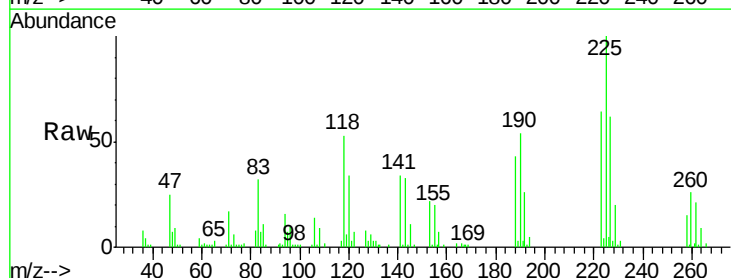
Instrument :
BNA_F
ClientSampleId :
SP3750

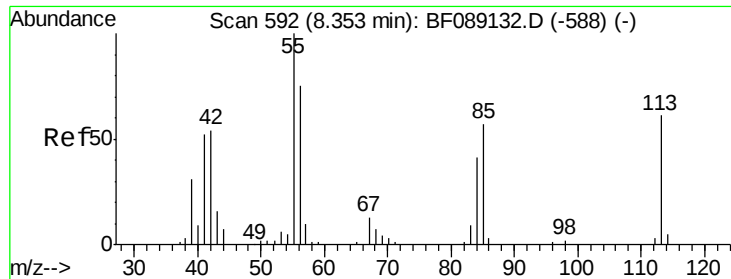
Tgt Ion:	127	Resp:	107863
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	34.7	19.7	29.5#
92	22.4	14.3	21.5#



#34
Hexachlorobutadiene
Concen: 43.58 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089301.D
Acq: 26 Jul 2016 4:16

Tgt Ion:	225	Resp:	71860
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.6	77.4
227	62.3	51.6	77.4

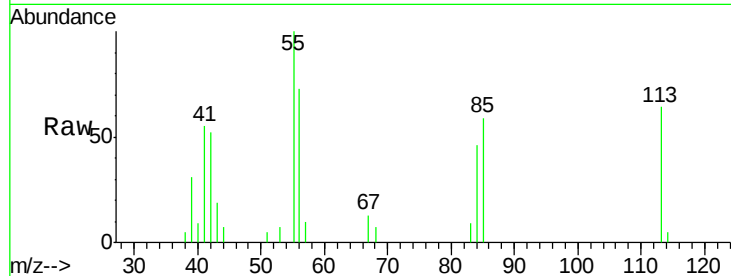




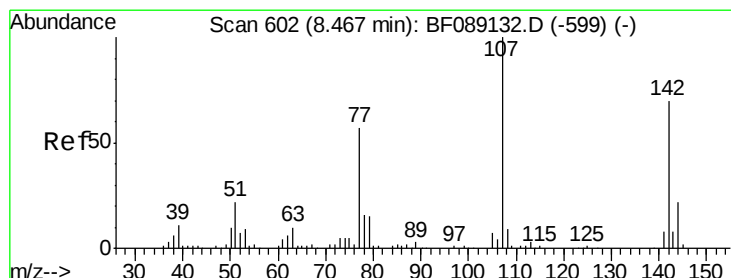
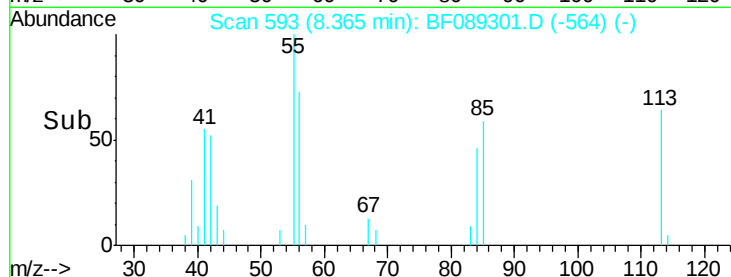
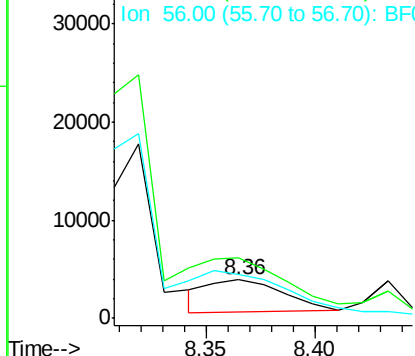
#35
 Caprolactam
 Concen: 9.42 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.03 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Instrument :
 BNA_F
 ClientSampleId :
 SP3750

Tgt Ion:113 Resp: 7829
 Ion Ratio Lower Upper
 113 100
 55 155.2 145.3 185.3
 56 113.8 104.3 144.3

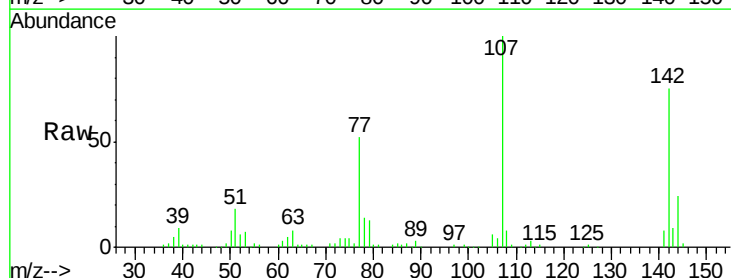


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

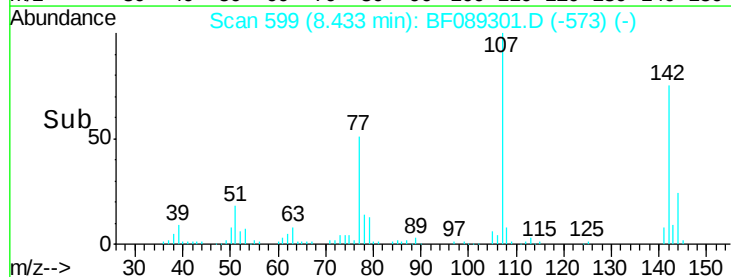
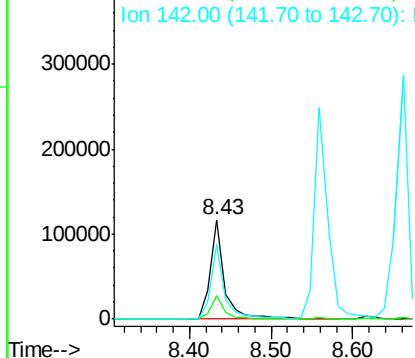


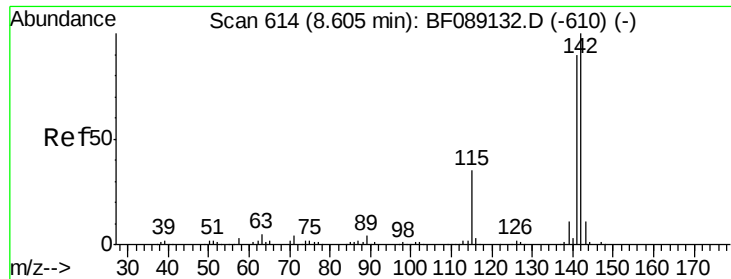
#36
 4-Chloro-3-methylphenol
 Concen: 45.15 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Tgt Ion:107 Resp: 145589
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.8 26.6
 142 74.8 56.1 84.1



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

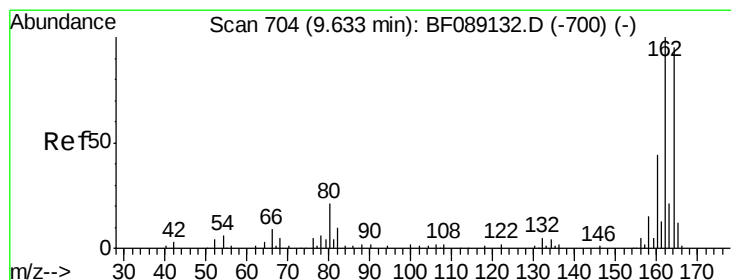
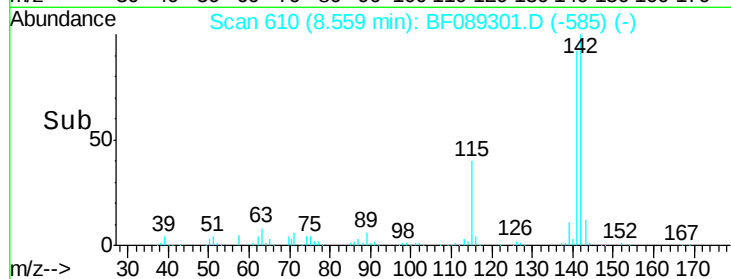
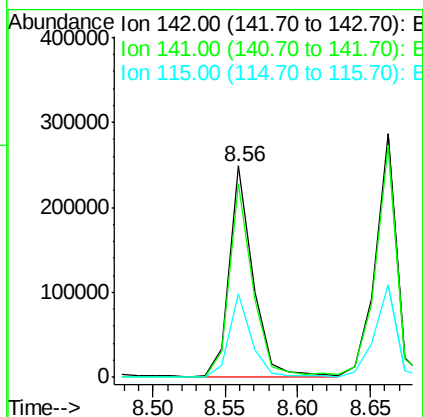
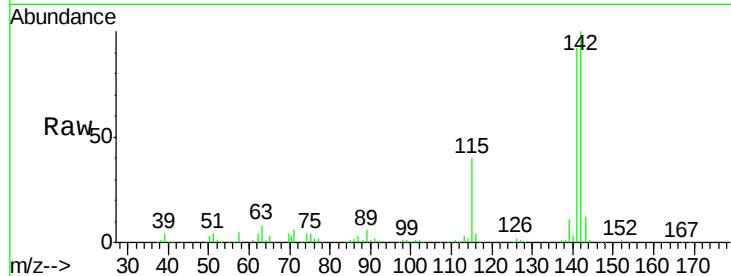




#37
 2-Methylnaphthalene
 Concen: 43.26 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Instrument :
 BNA_F
 ClientSampleId :
 SP3750

Tgt Ion:142 Resp: 283507
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.6 107.4
 115 39.5 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF089301.D
 Acq: 26 Jul 2016 4:16

Tgt Ion:164 Resp: 81383
 Ion Ratio Lower Upper
 164 100
 162 108.8 84.1 126.1
 160 49.6 37.1 55.7

