

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089616.D
 Acq On : 5 Aug 2016 6:57
 Operator : UM/SJ
 Sample : H4288-22MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

Quant Time: Aug 05 07:39:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	45383	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	192558	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	90383	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	170527	20.00	ng	0.00
75) Chrysene-d12	18.39	240	112454	20.00	ng	0.00
86) Perylene-d12	20.05	264	80556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	149333	55.15	ng	0.02
7) Phenol-d6	6.98	99	132369	36.04	ng	0.00
23) Nitrobenzene-d5	8.36	82	311626	89.51	ng	0.00
41) 2,4,6-Tribromophenol	13.60	330	101812	136.50	ng	0.01
44) 2-Fluorobiphenyl	11.26	172	593864	85.39	ng	0.00
78) Terphenyl-d14	17.05	244	477601	83.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	18341	11.82	ng	# 68
3) Pyridine	2.39	79	27295	9.57	ng	97
4) n-Nitrosodimethylamine	2.35	42	14791	16.32	ng	# 91
6) Aniline	6.95	93	72088	15.15	ng	98
8) 2-Chlorophenol	7.12	128	118063	35.52	ng	97
9) Benzaldehyde	6.75	77	49770	37.35	ng	96
10) Phenol	7.00	94	54167	14.36	ng	# 70
11) bis(2-Chloroethyl)ether	7.08	93	138429	42.73	ng	99
12) 1,3-Dichlorobenzene	7.35	146	121516	33.66	ng	98
13) 1,4-Dichlorobenzene	7.47	146	120946	33.59	ng	100
14) 1,2-Dichlorobenzene	7.70	146	126987	33.45	ng	98
15) Benzyl Alcohol	7.74	79	67444	28.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	165221	40.05	ng	# 58
17) 2-Methylphenol	7.95	107	71909	29.95	ng	# 90
18) Hexachloroethane	8.23	117	47334	31.19	ng	95
19) n-Nitroso-di-n-propylamine	8.17	70	117418	44.25	ng	100
20) 3+4-Methylphenols	8.22	107	85490	28.21	ng	93
22) Acetophenone	8.12	105	170511	37.14	ng	96
24) Nitrobenzene	8.39	77	154769	46.81	ng	97
25) Isophorone	8.79	82	306549	45.99	ng	98
26) 2-Nitrophenol	8.89	139	66189	43.62	ng	99
27) 2,4-Dimethylphenol	9.04	122	107732	39.49	ng	95
28) bis(2-Chloroethoxy)methane	9.18	93	184748	45.81	ng	99
29) 2,4-Dichlorophenol	9.30	162	111815	43.31	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	112633	38.20	ng	99
31) Naphthalene	9.51	128	409986	40.06	ng	99
32) Benzoic acid	9.29	122	12192	7.11	ng	95
33) 4-Chloroaniline	9.66	127	70053	18.23	ng	99
34) Hexachlorobutadiene	9.72	225	56949	33.54	ng	99
35) Caprolactam	10.30	113	2857	3.80	ng	# 85
36) 4-Chloro-3-methylphenol	10.49	107	117592	39.19	ng	97
37) 2-Methylnaphthalene	10.63	142	269858	42.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	110107	32.41	ng	99
40) Hexachlorocyclopentadiene	10.89	237	75941	66.34	ng	97

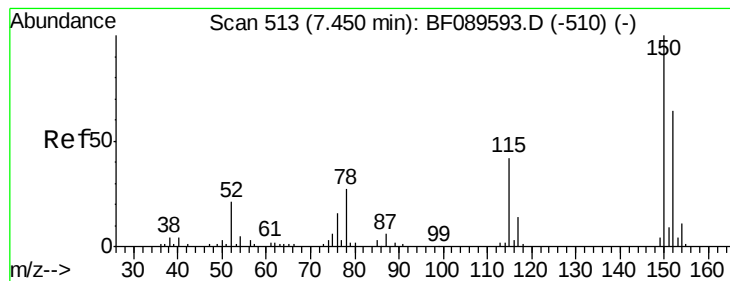
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
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 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	74819	44.65	ng	97
43) 2,4,5-Trichlorophenol	11.20	196	81757	45.65	ng	99
45) 1,1'-Biphenyl	11.40	154	316544	38.84	ng	100
46) 2-Chloronaphthalene	11.42	162	267972	43.85	ng	98
47) 2-Nitroaniline	11.62	65	90065	45.72	ng	95
48) Acenaphthylene	12.07	152	435398	43.25	ng	100
49) Dimethylphthalate	11.96	163	343880	48.54	ng	99
50) 2,6-Dinitrotoluene	12.04	165	72224	51.28	ng	# 86
51) Acenaphthene	12.35	154	256669	44.14	ng	98
52) 3-Nitroaniline	12.31	138	39887	23.68	ng	# 89
53) 2,4-Dinitrophenol	12.50	184	56042	86.87	ng	96
54) Dibenzofuran	12.64	168	398436	49.85	ng	98
55) 4-Nitrophenol	12.64	139	154530	Below Cal		# 23
56) 2,4-Dinitrotoluene	12.71	165	100497	50.73	ng	# 84
57) Fluorene	13.19	166	324713	47.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	61592	45.31	ng	97
59) Diethylphthalate	13.11	149	350009	47.77	ng	98
60) 4-Chlorophenyl-phenylether	13.22	204	144622	46.16	ng	95
61) 4-Nitroaniline	13.31	138	60615	40.02	ng	93
62) Azobenzene	13.49	77	380448	53.69	ng	99
64) 4,6-Dinitro-2-methylphenol	13.37	198	46407	44.87	ng	79
65) n-Nitrosodiphenylamine	13.44	169	268114	46.55	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	82832	50.22	ng	98
67) Hexachlorobenzene	14.07	284	82087	45.24	ng	99
68) Atrazine	14.37	200	84073	52.28	ng	99
69) Pentachlorophenol	14.42	266	73186	93.48	ng	98
70) Phenanthrene	14.73	178	445679	48.06	ng	99
71) Anthracene	14.82	178	470808	47.36	ng	99
72) Carbazole	15.11	167	413039	49.85	ng	100
73) Di-n-butylphthalate	15.70	149	568630	50.75	ng	100
74) Fluoranthene	16.49	202	440611	46.22	ng	99
77) Pyrene	16.80	202	445400	44.80	ng	99
79) Butylbenzylphthalate	17.73	149	215321	50.89	ng	97
80) Benzo(a)anthracene	18.38	228	304324	47.10	ng	99
81) 3,3'-Dichlorobenzidine	18.37	252	22519	11.06	ng	# 97
82) Chrysene	18.42	228	314301	46.37	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	291373	49.74	ng	100
84) Di-n-octyl phthalate	19.25	149	430512	51.07	ng	100
85) Indeno(1,2,3-cd)pyrene	21.22	276	247853	48.15	ng	100
87) Benzo(b)fluoranthene	19.65	252	230900	46.60	ng	99
88) Benzo(k)fluoranthene	19.65	252	230900	46.20	ng	# 96
89) Benzo(a)pyrene	19.99	252	215113	46.37	ng	99
90) Dibenzo(a,h)anthracene	21.23	278	208680	48.16	ng	98
91) Benzo(g,h,i)perylene	21.57	276	211000	47.56	ng	94

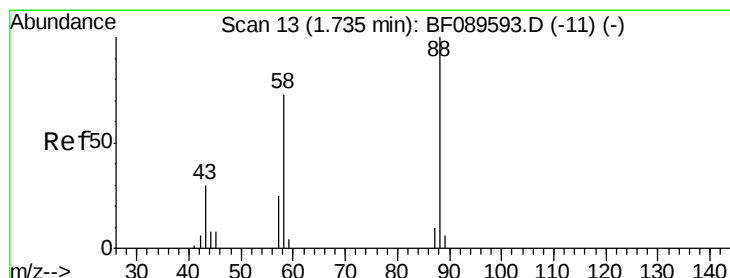
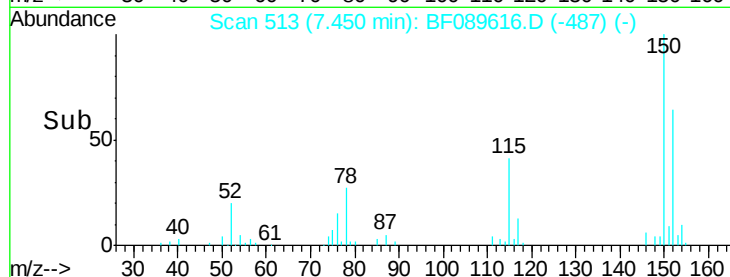
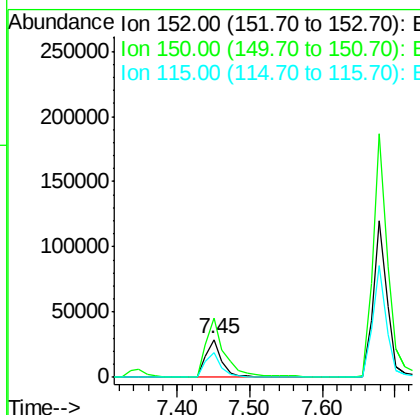
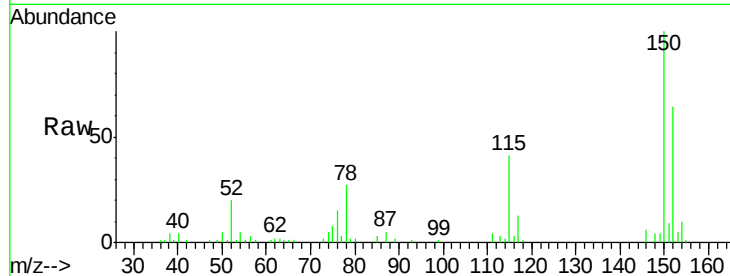
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

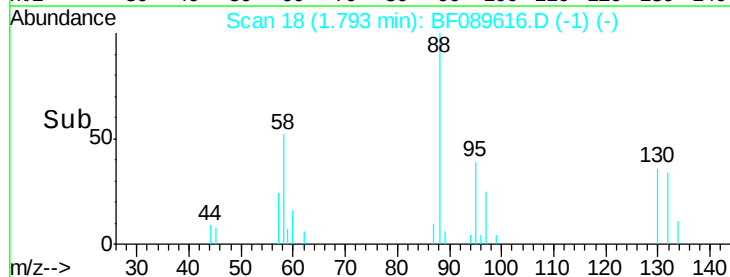
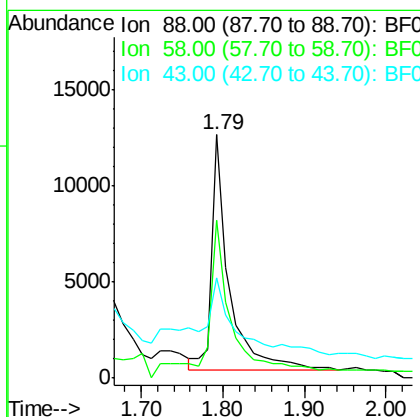
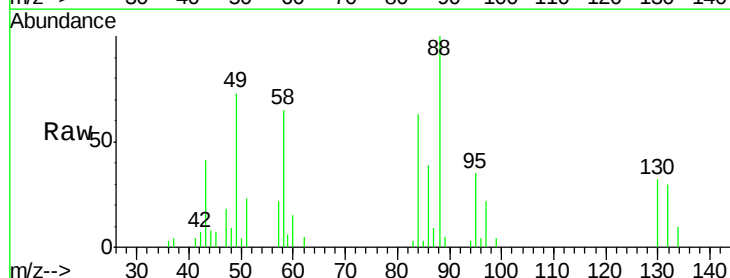
Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

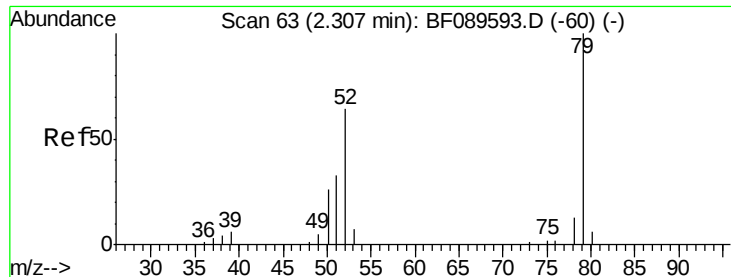
Tgt Ion: 152 Resp: 45383
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.5 188.3
 115 64.2 52.0 78.0



#2
 1,4-Dioxane
 Concen: 11.82 ng
 RT: 1.79 min Scan# 18
 Delta R.T. 0.06 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion: 88 Resp: 18341
 Ion Ratio Lower Upper
 88 100
 58 81.5 49.8 74.8#
 43 50.1 20.1 30.1#





#3

Pyridine

Concen: 9.57 ng

RT: 2.39 min Scan# 70

Delta R.T. 0.08 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

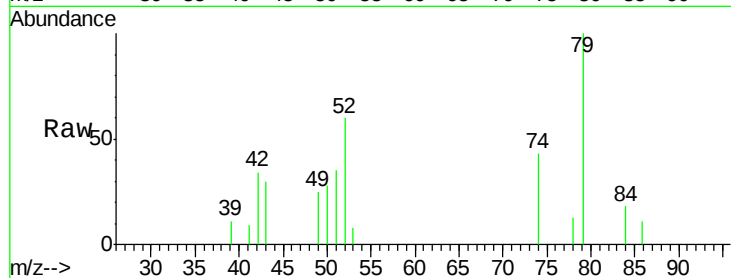
Tgt Ion: 79 Resp: 27295

Ion Ratio Lower Upper

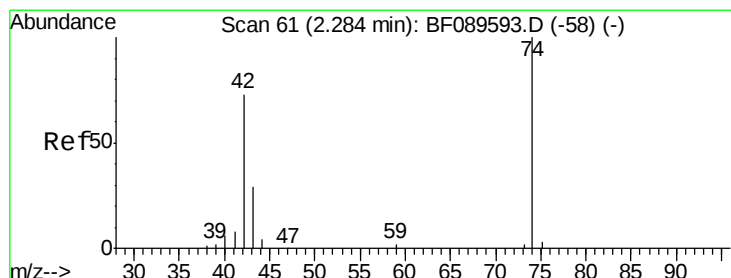
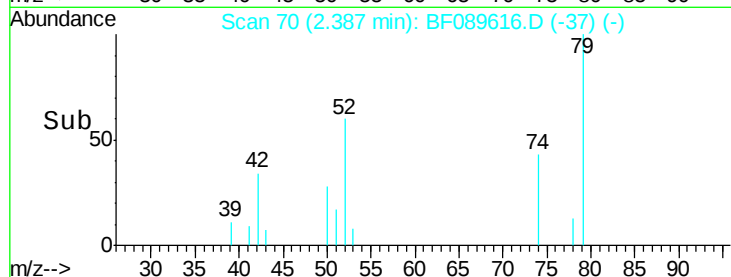
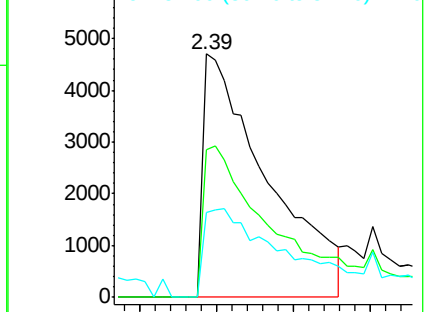
79 100

52 60.5 51.0 76.4

51 35.1 27.9 41.9



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: 16.32 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.07 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

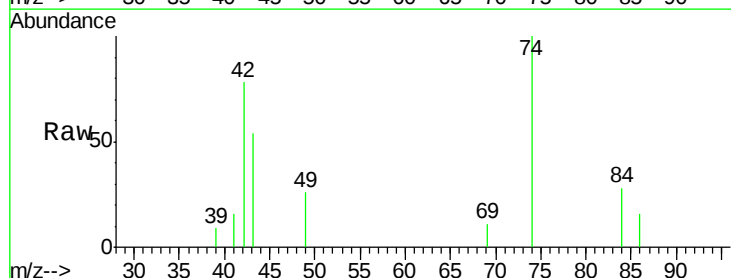
Tgt Ion: 42 Resp: 14791

Ion Ratio Lower Upper

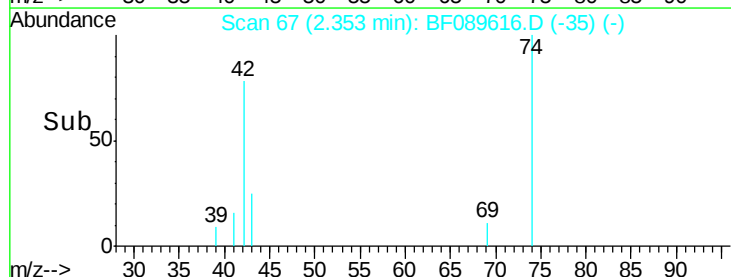
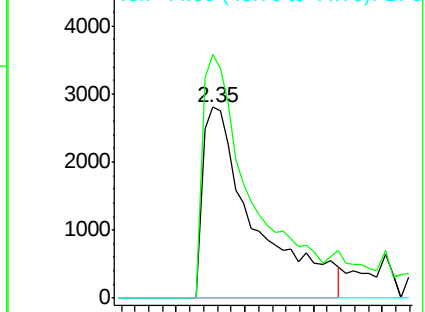
42 100

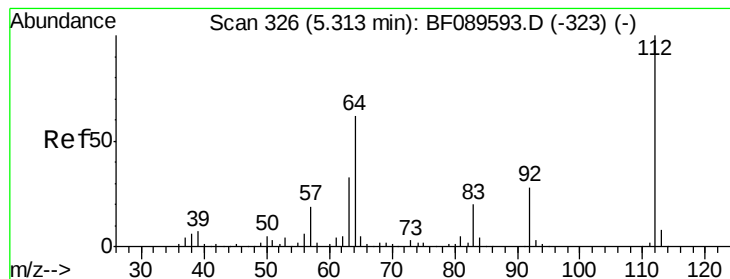
74 127.6 110.0 165.0

44 0.0 4.8 7.2#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 55.15 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

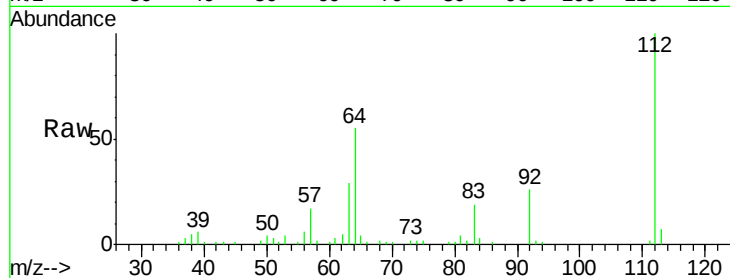
Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

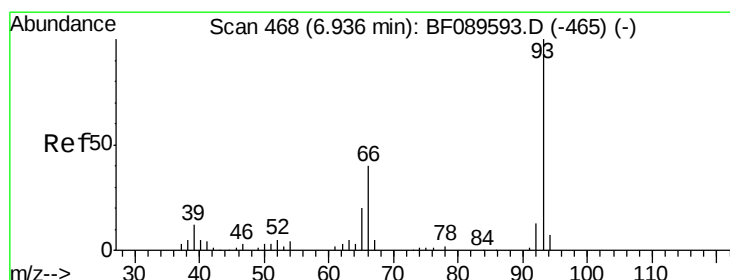
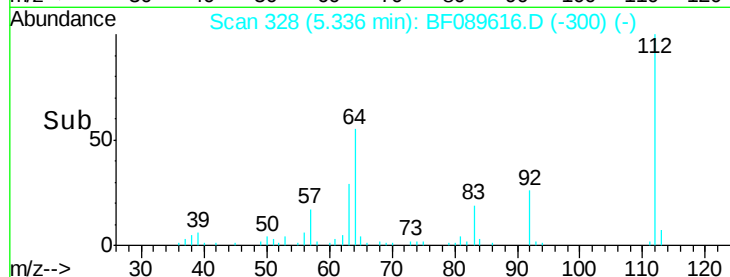
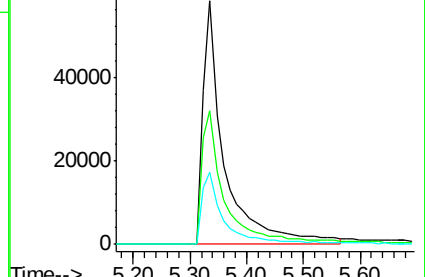
Tgt Ion:	112	Resp:	149333
Ion	Ratio	Lower	Upper
112	100		
64	54.7	49.9	74.9
63	29.4	26.1	39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.15 ng

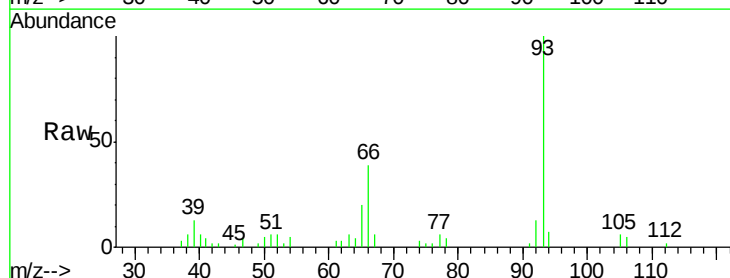
RT: 6.95 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

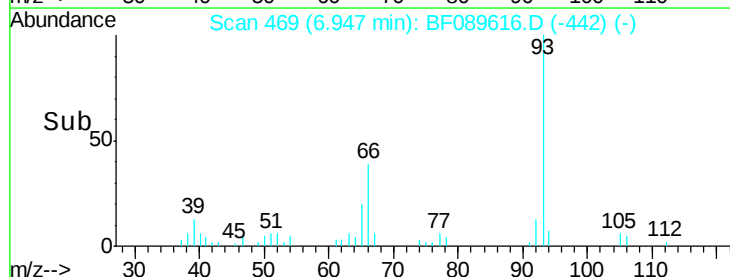
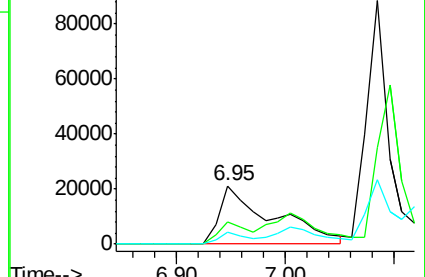
Tgt Ion:	93	Resp:	72088
Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.2	48.2
65	19.8	15.8	23.8

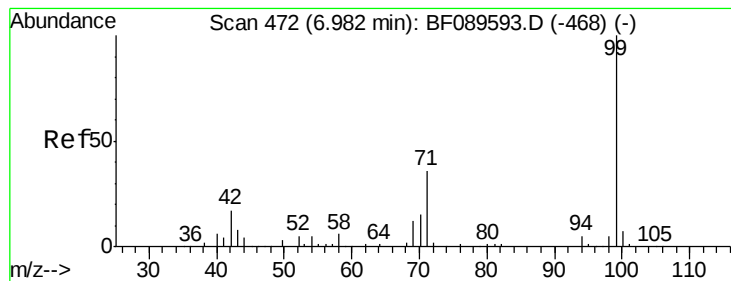


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 36.04 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

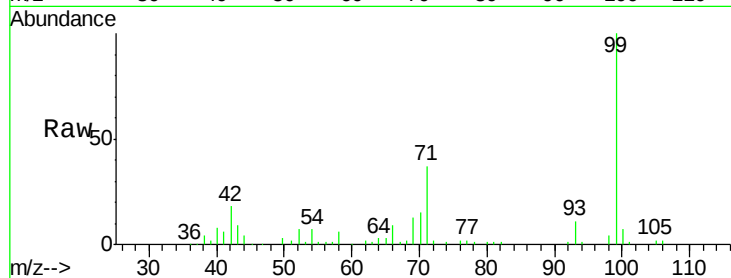
Tgt Ion: 99 Resp: 132369

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

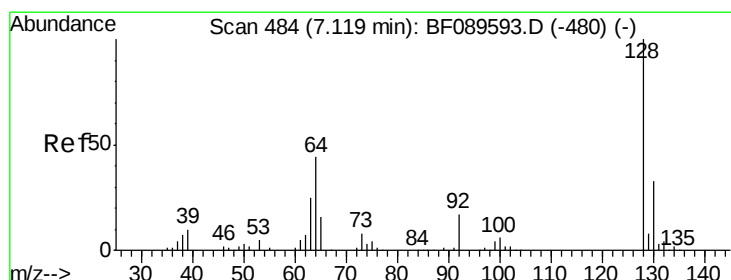
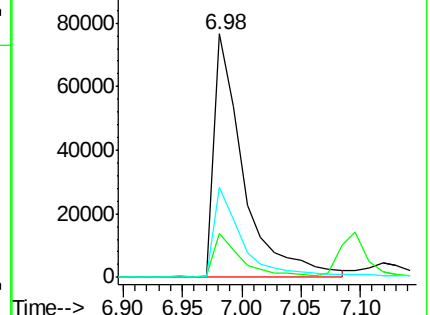
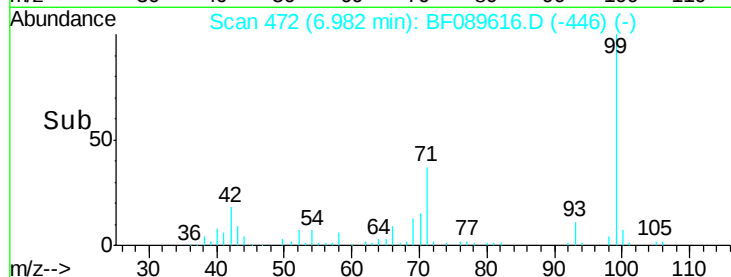
71 36.9 29.0 43.4



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: 35.52 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

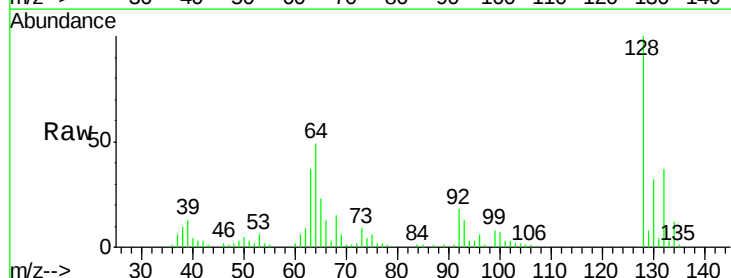
Tgt Ion: 128 Resp: 118063

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

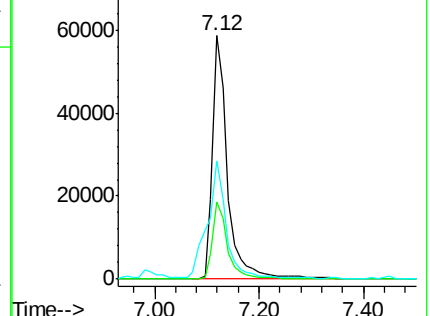
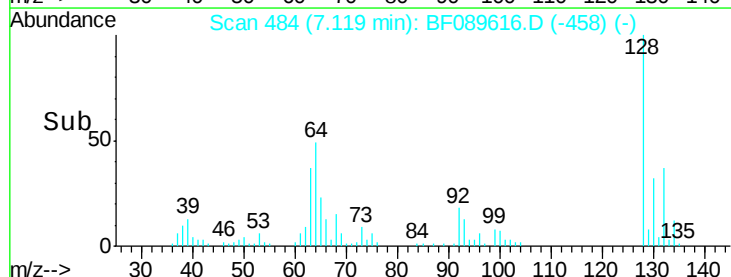
64 48.7 25.3 65.3

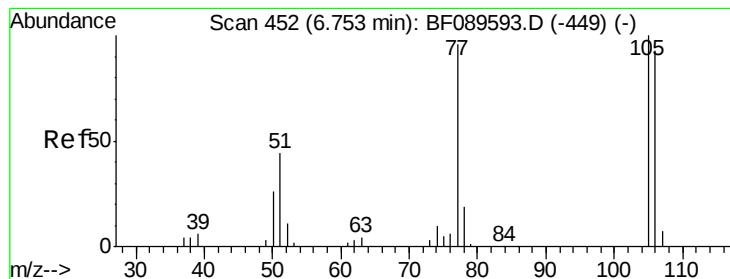


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.35 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

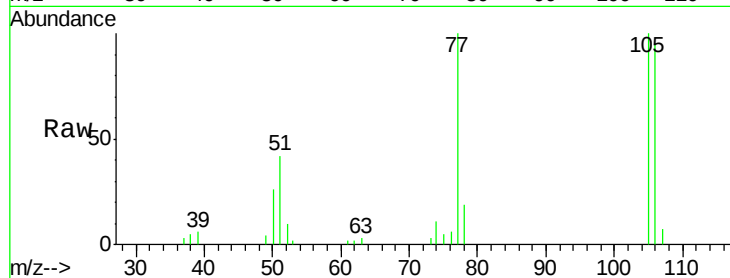
Tgt Ion: 77 Resp: 49770

Ion Ratio Lower Upper

77 100

105 99.7 84.7 124.7

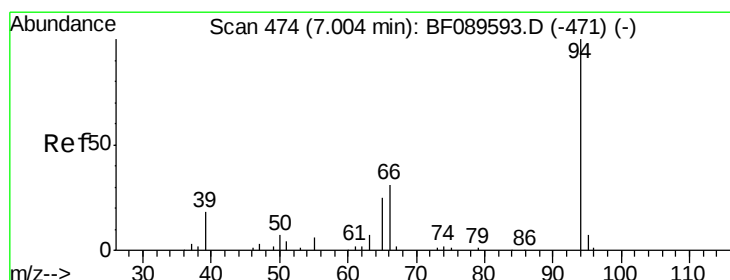
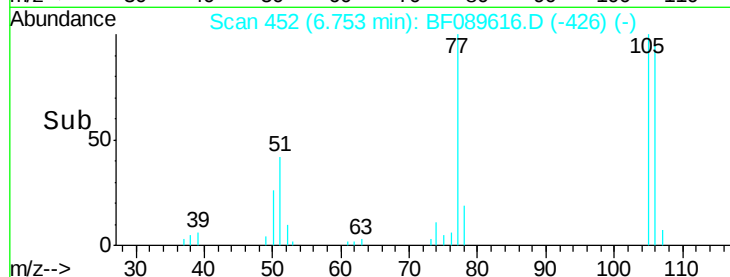
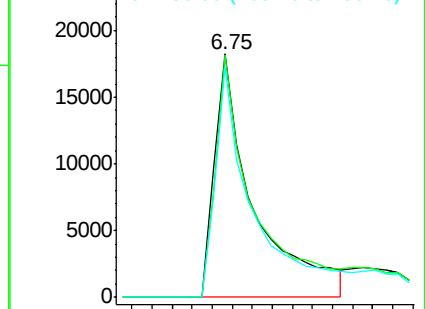
106 94.7 77.1 117.1



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: 14.36 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

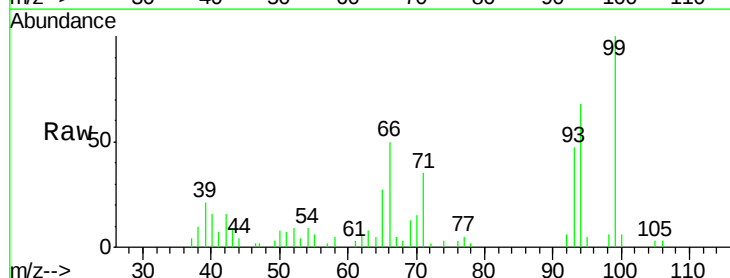
Tgt Ion: 94 Resp: 54167

Ion Ratio Lower Upper

94 100

65 39.7 11.0 51.0

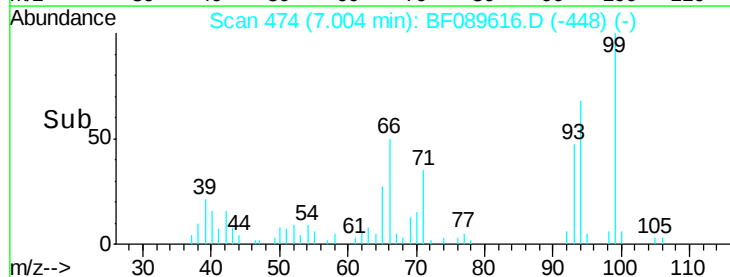
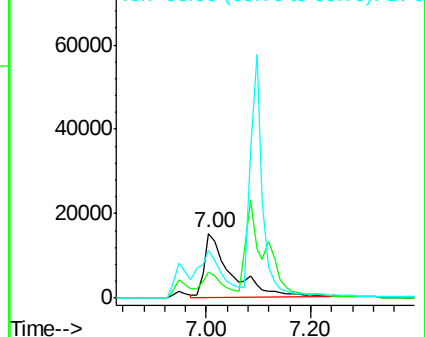
66 73.6 27.4 67.4#

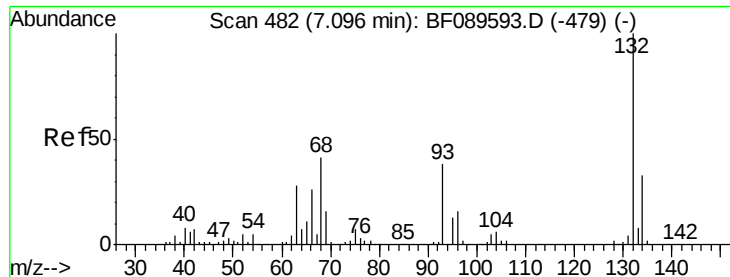


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

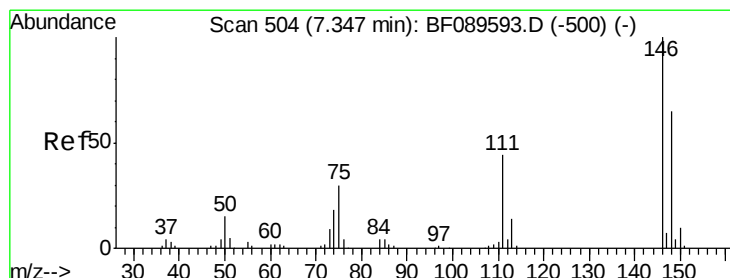
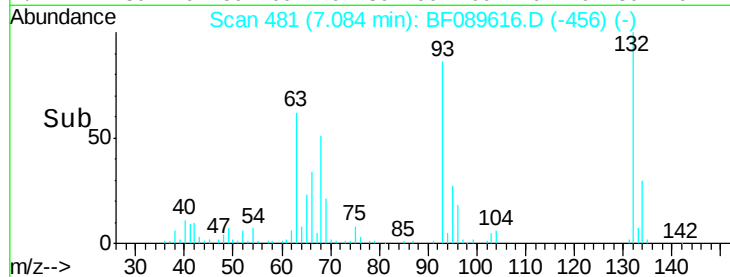
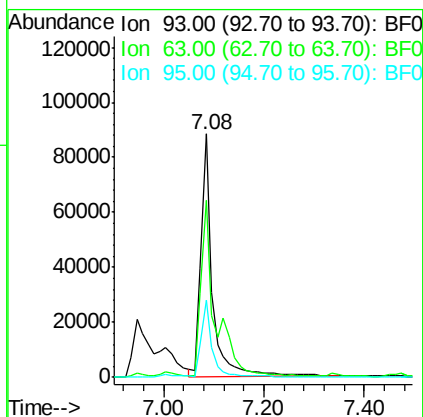
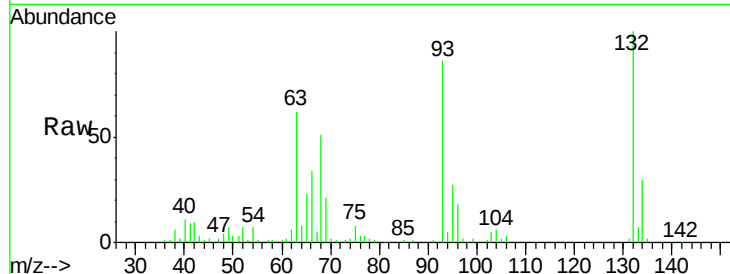




#11
 bis(2-Chloroethyl)ether
 Concen: 42.73 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

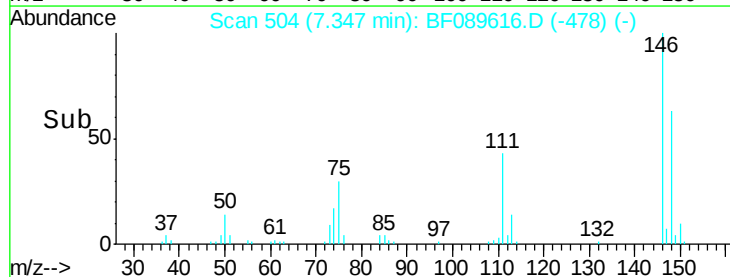
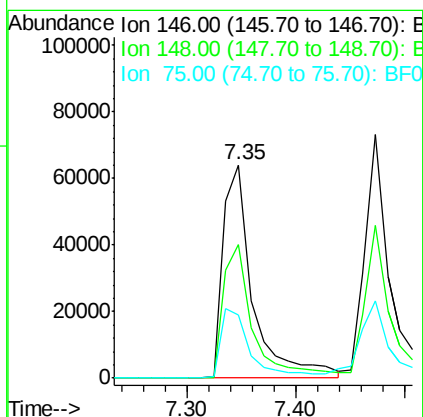
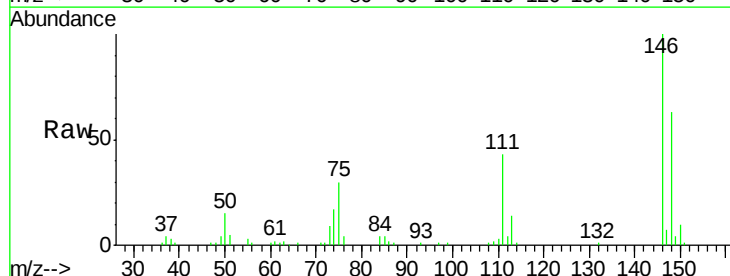
Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

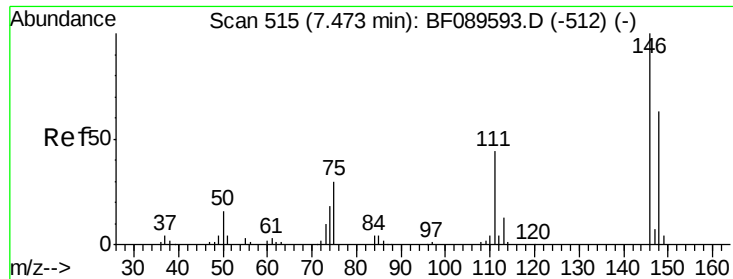
Tgt Ion: 93 Resp: 138429
 Ion Ratio Lower Upper
 93 100
 63 72.6 52.2 92.2
 95 31.9 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 33.66 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion: 146 Resp: 121516
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.1 78.1
 75 29.7 24.1 36.1

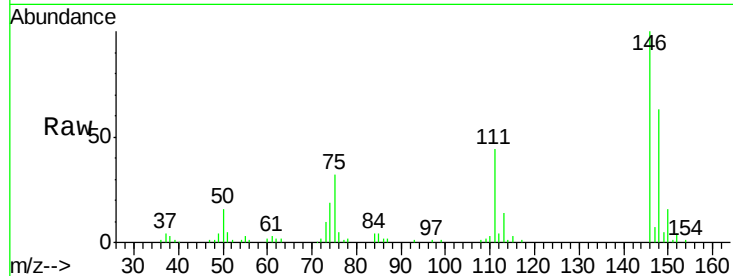




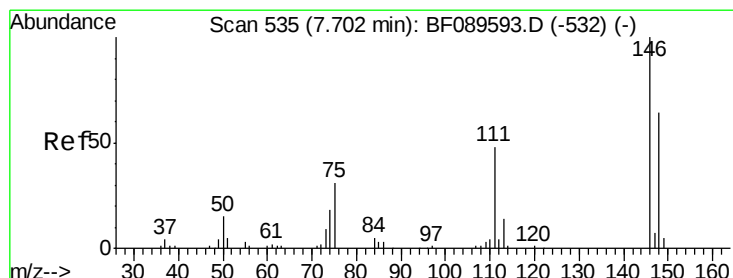
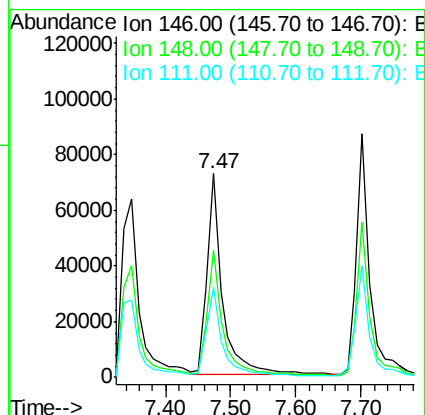
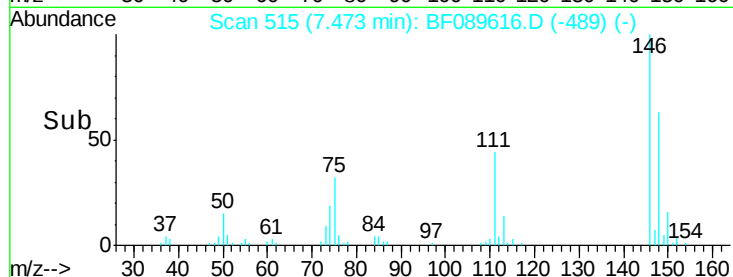
#13
 1,4-Dichlorobenzene
 Concen: 33.59 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

Tgt Ion:146 Resp: 120946
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.4 75.6
 111 43.9 35.0 52.4

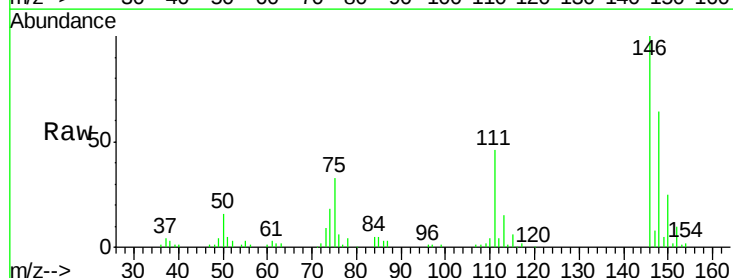


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

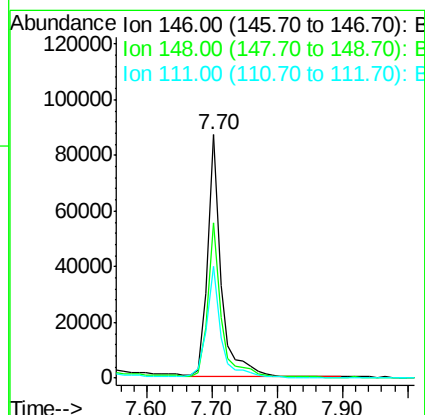
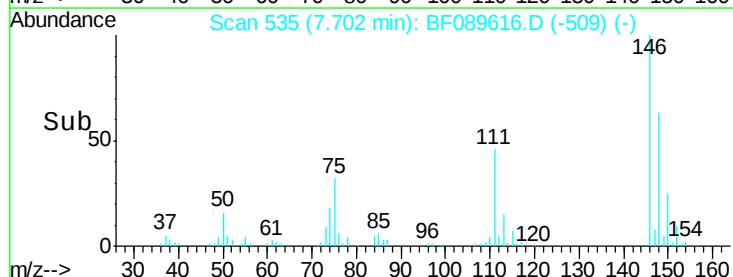


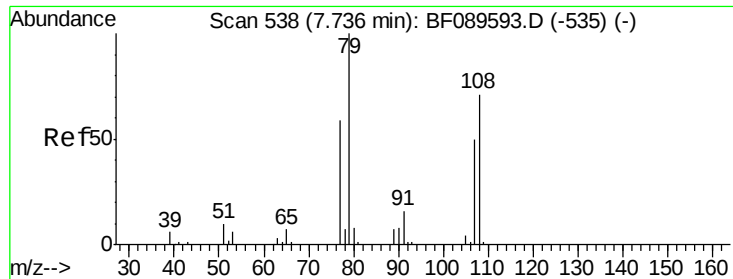
#14
 1,2-Dichlorobenzene
 Concen: 33.45 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion:146 Resp: 126987
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 45.8 38.5 57.7



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

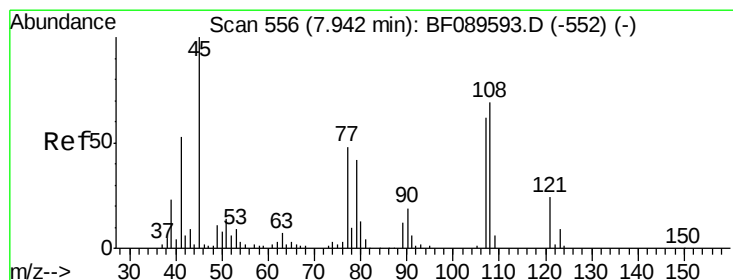
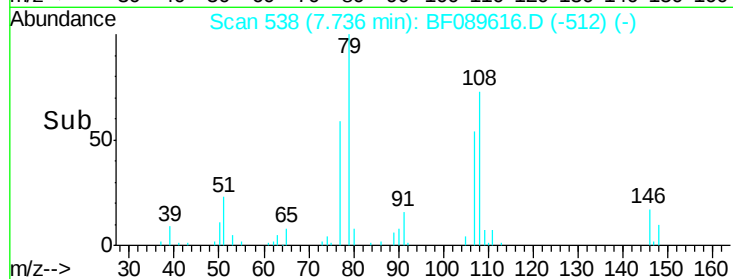
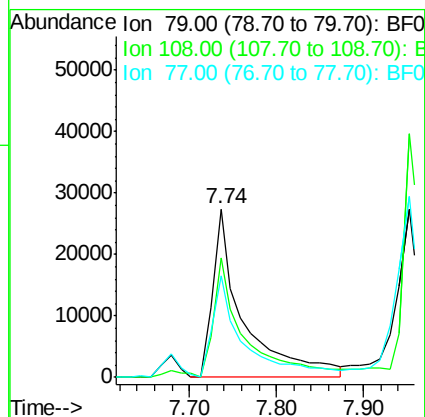
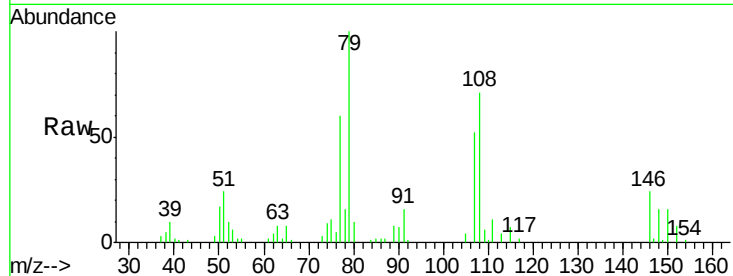




#15
Benzyl Alcohol
Concen: 28.00 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF089616.D
Acq: 5 Aug 2016 6:57

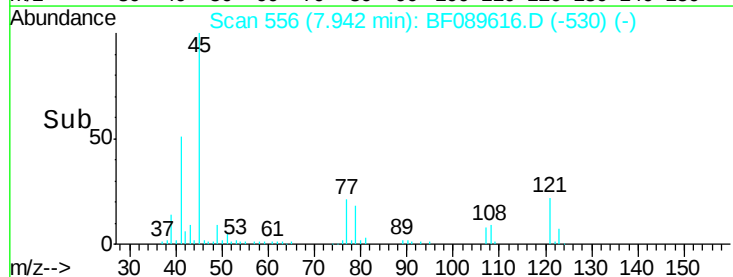
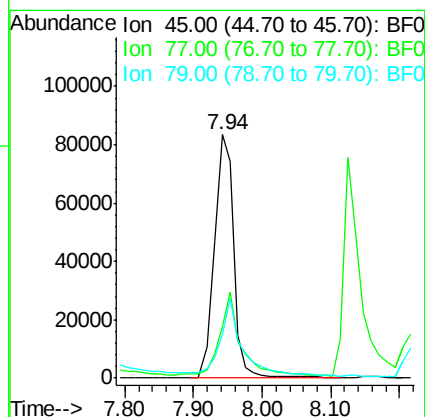
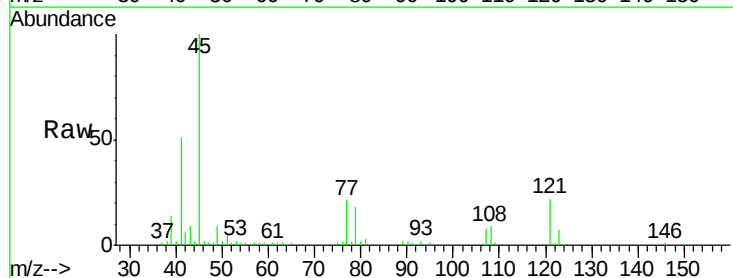
Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0MS

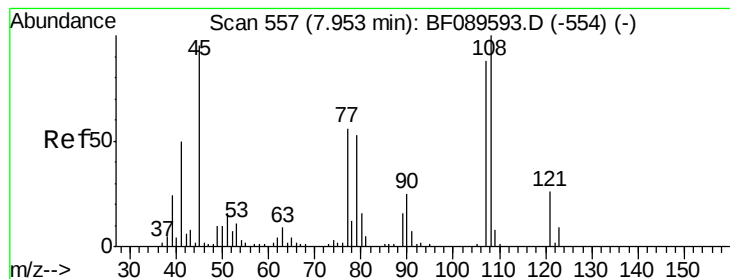
Tgt Ion: 79 Resp: 67444
Ion Ratio Lower Upper
79 100
108 70.7 58.3 87.5
77 60.4 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.05 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089616.D
Acq: 5 Aug 2016 6:57

Tgt Ion: 45 Resp: 165221
Ion Ratio Lower Upper
45 100
77 21.1 30.1 70.1#
79 17.9 25.5 65.5#





#17

2-Methylphenol

Concen: 29.95 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

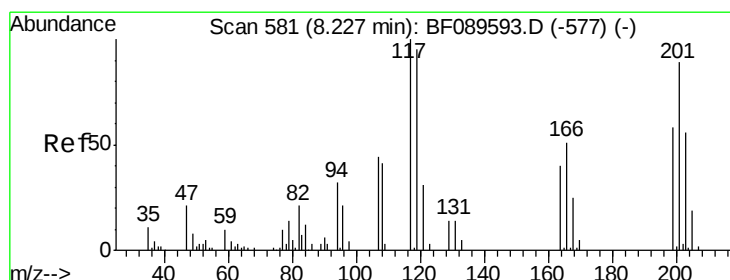
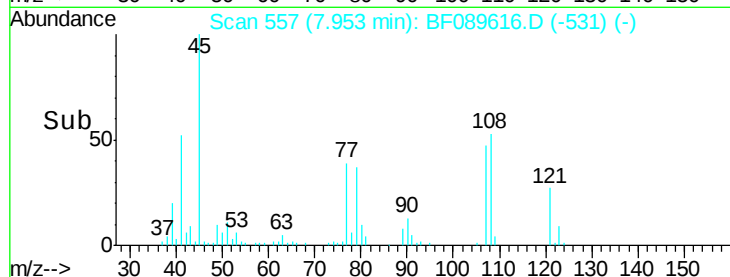
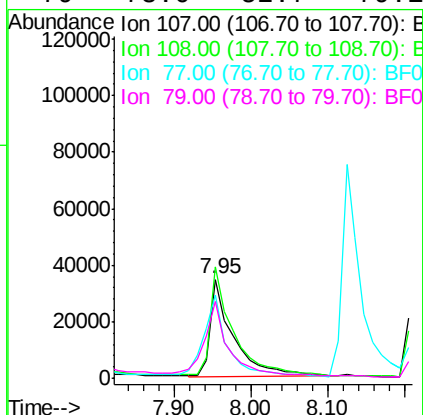
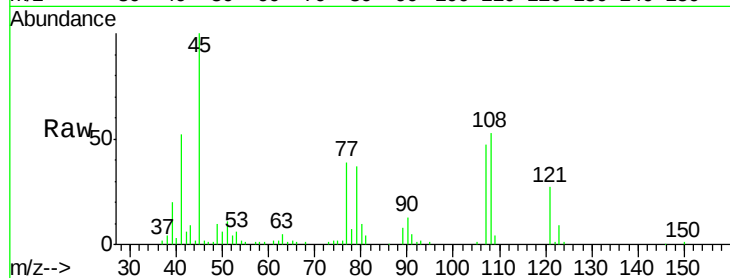
Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

Tgt Ion:	107	Resp:	71909
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.2	136.8
77	83.6	54.6	82.0#
79	78.0	52.7	79.1



#18

Hexachloroethane

Concen: 31.19 ng

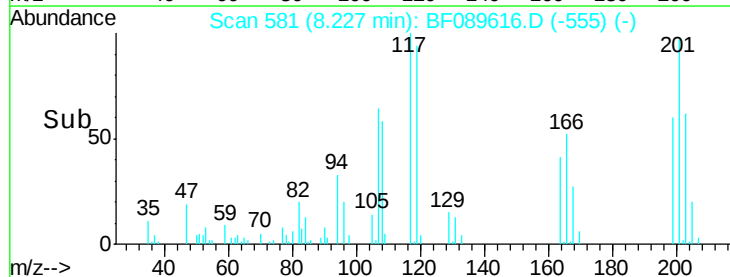
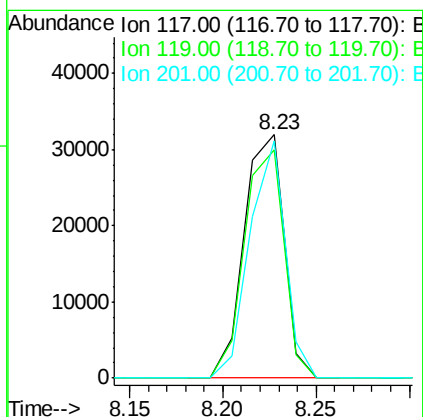
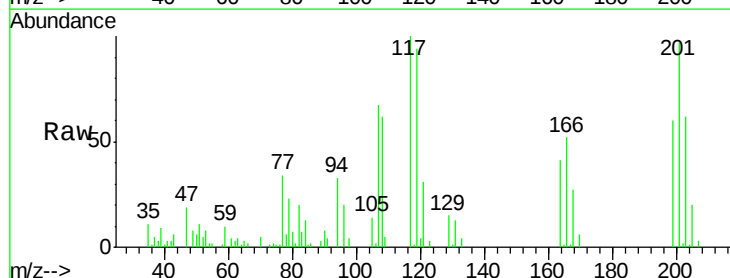
RT: 8.23 min Scan# 581

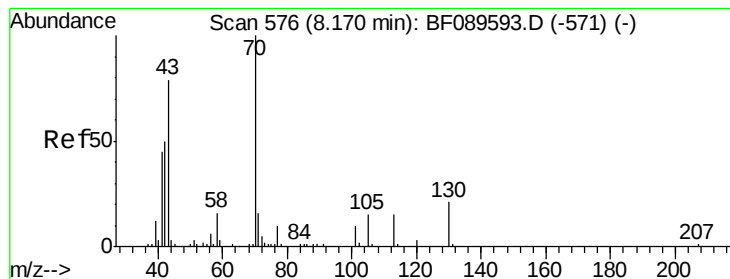
Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Tgt Ion:	117	Resp:	47334
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.7	113.5
201	97.3	71.6	107.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.25 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

Tgt Ion: 70 Resp: 117418

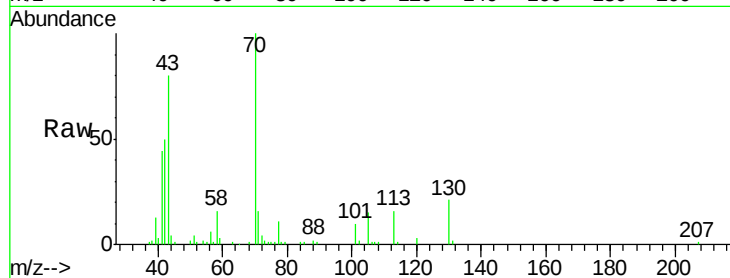
Ion Ratio Lower Upper

70 100

42 50.2 40.2 60.2

101 9.8 7.8 11.6

130 21.0 16.4 24.6

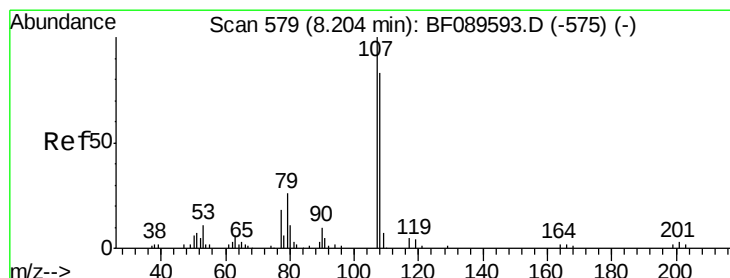
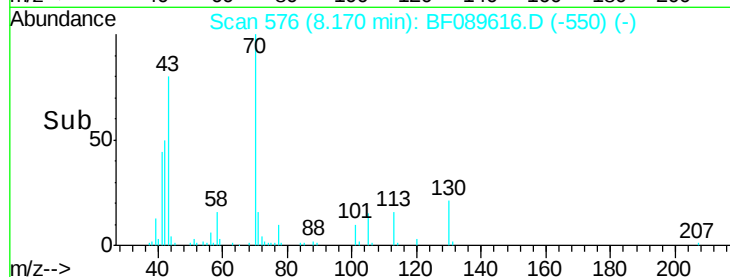
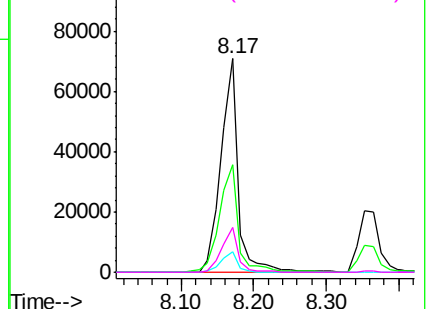


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 28.21 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Tgt Ion: 107 Resp: 85490

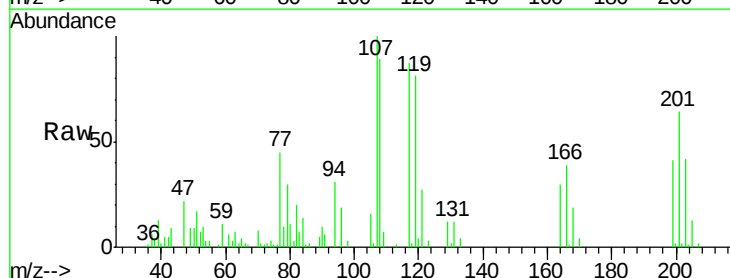
Ion Ratio Lower Upper

107 100

108 88.9 63.8 103.8

77 45.1 19.5 59.5

79 30.4 7.1 47.1

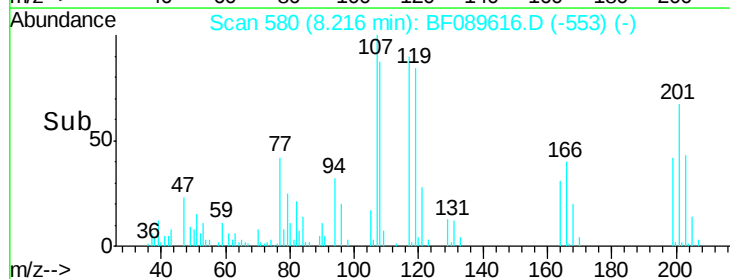
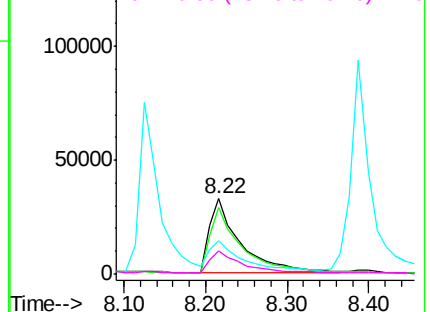


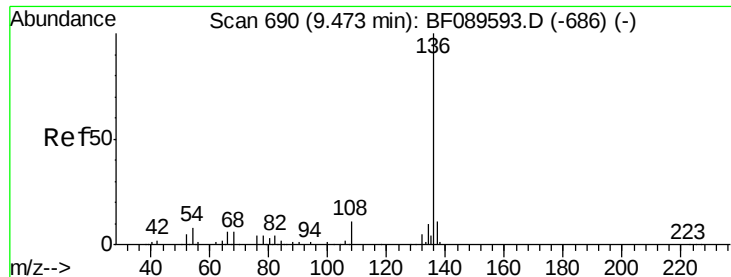
Abundance Ion 107.00 (106.70 to 107.70): E

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

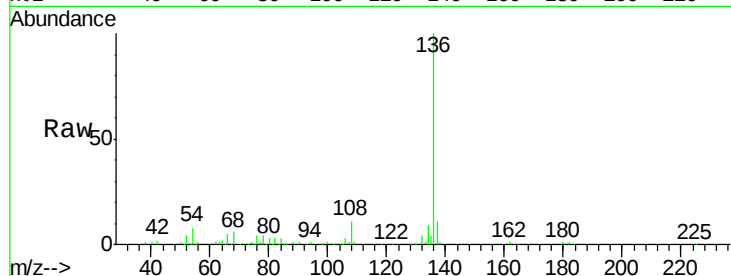




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089616.D
Acq: 5 Aug 2016 6:57

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0MS

Tgt Ion:	136	Resp:	192558
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.5	6.0	9.0
68	5.7	4.6	6.8



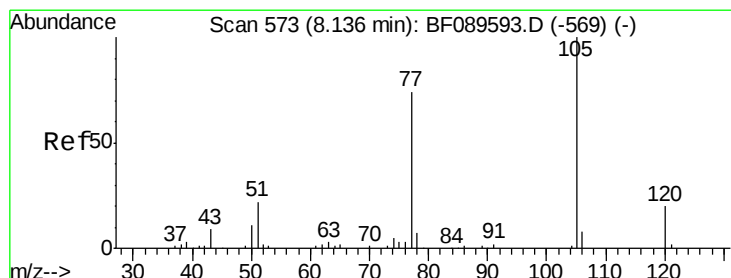
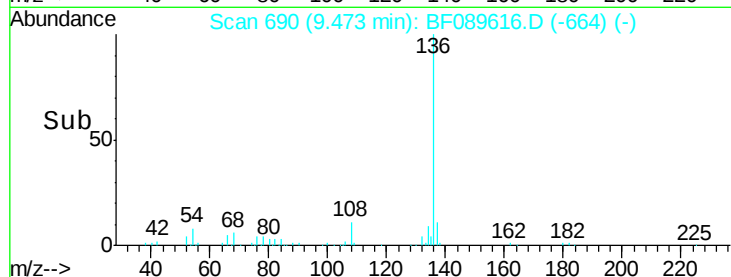
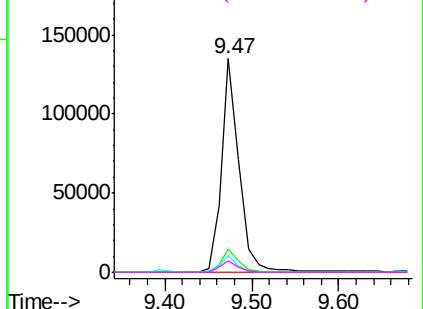
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

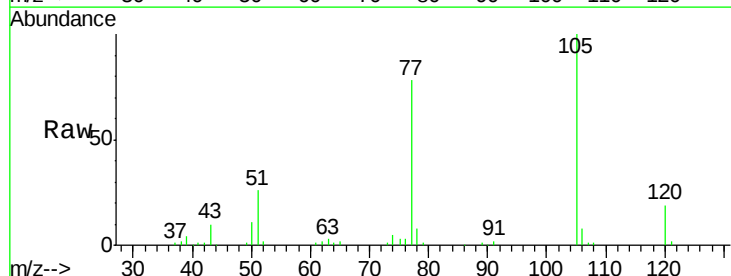
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.14 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF089616.D
Acq: 5 Aug 2016 6:57

Tgt Ion:	105	Resp:	170511
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	25.5	18.2	27.2
120	19.0	15.7	23.5



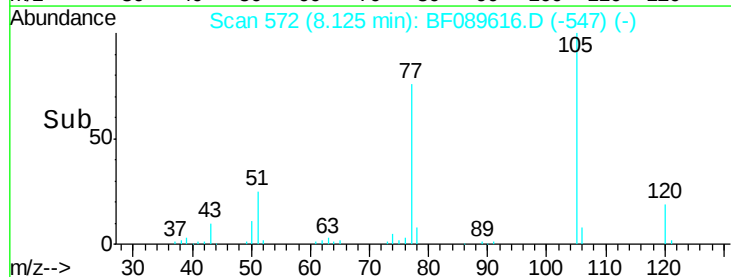
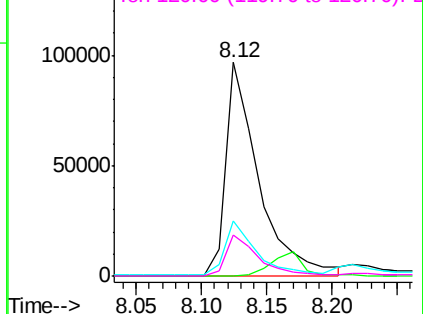
Abundance

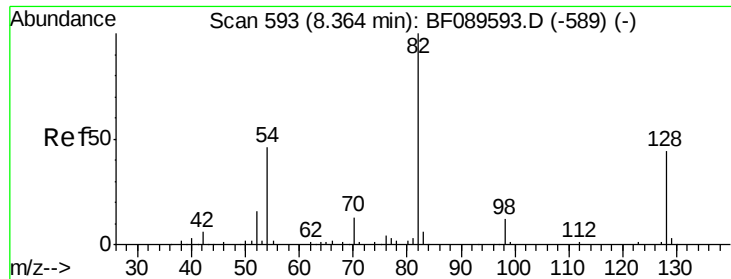
Ion 105.00 (104.70 to 105.70): E

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

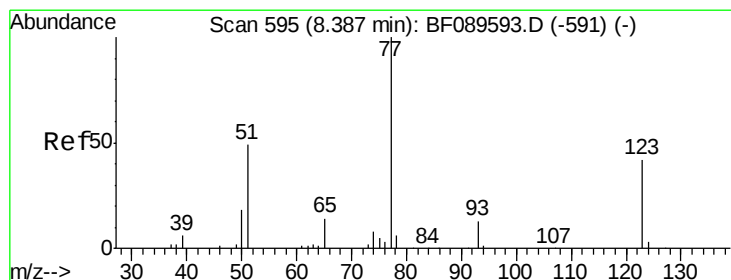
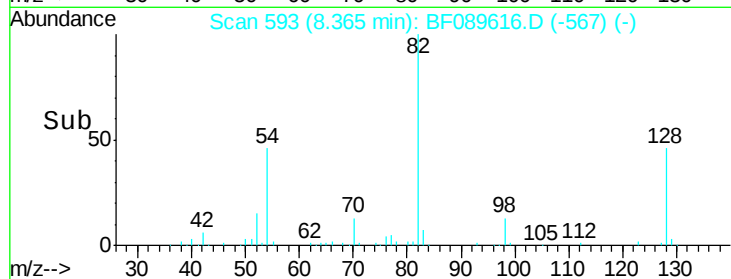
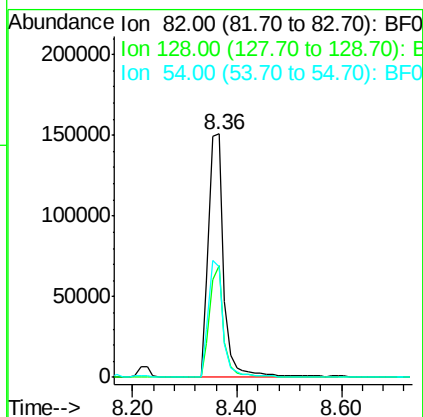
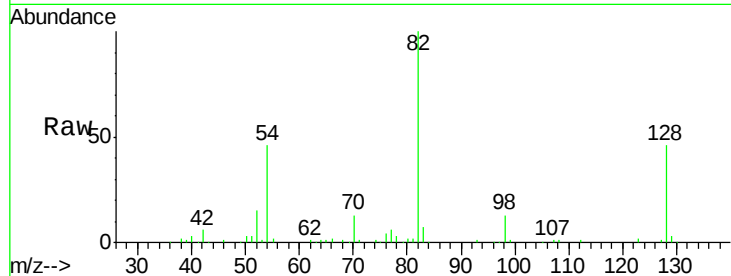




#23
 Nitrobenzene-d5
 Concen: 89.51 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

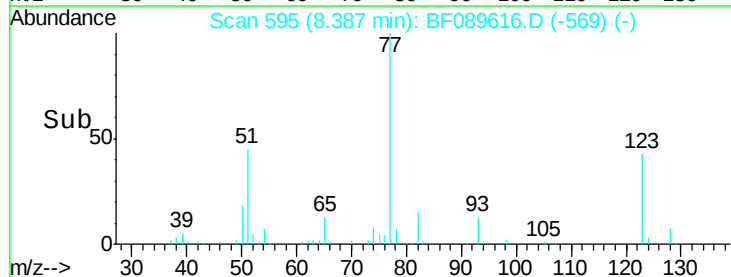
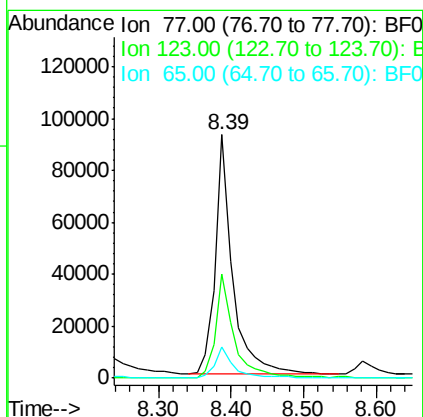
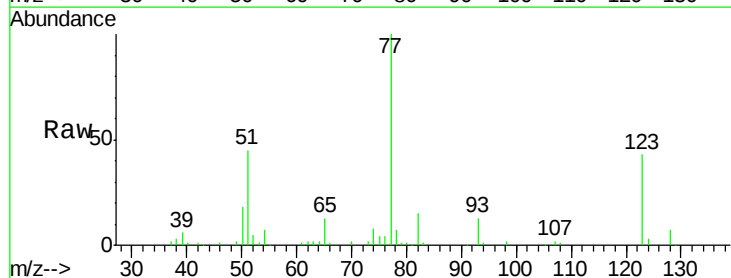
Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

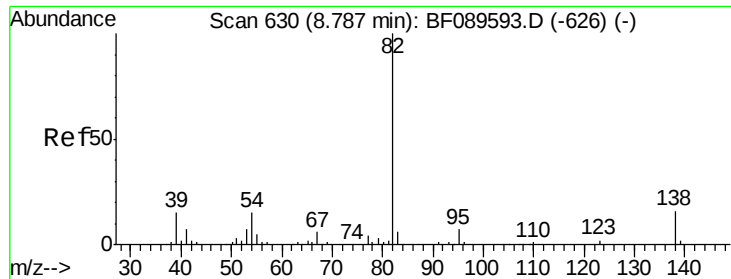
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.4	53.0
54	45.5	36.4	54.6



#24
 Nitrobenzene
 Concen: 46.81 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	32.6	49.0
65	12.7	11.0	16.6





#25

Isophorone

Concen: 45.99 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

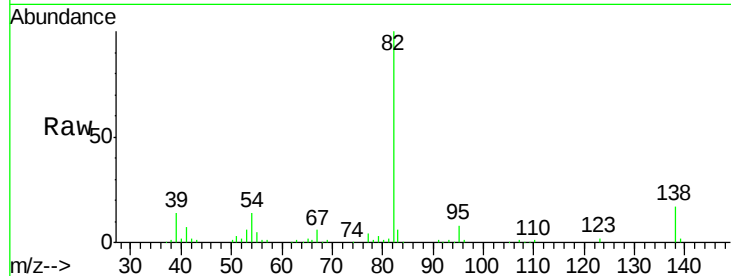
Tgt Ion: 82 Resp: 306549

Ion Ratio Lower Upper

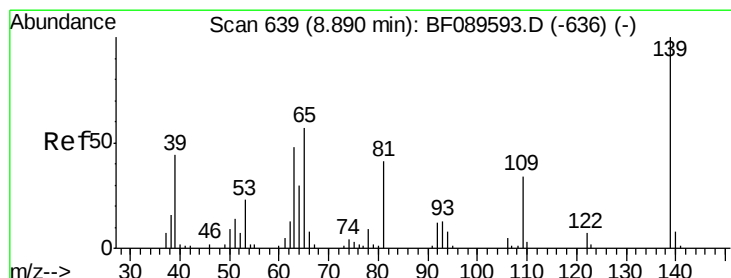
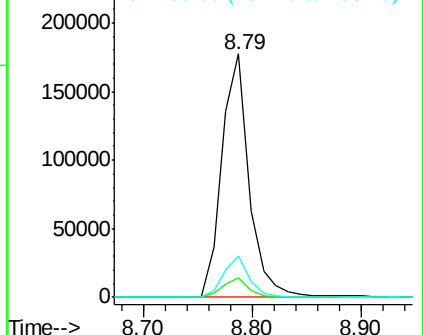
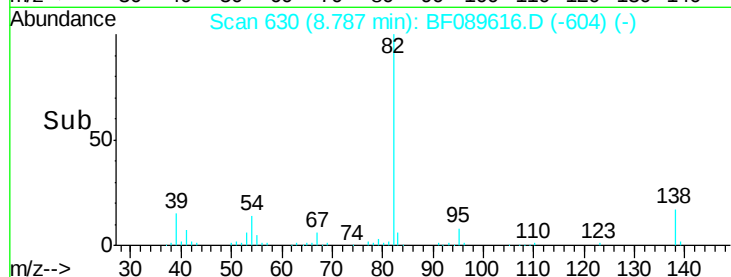
82 100

95 7.8 5.8 8.8

138 16.8 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.62 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

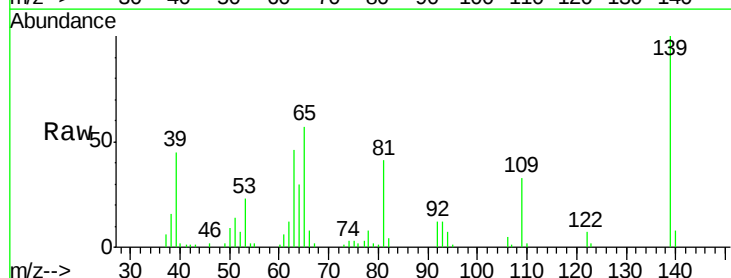
Tgt Ion: 139 Resp: 66189

Ion Ratio Lower Upper

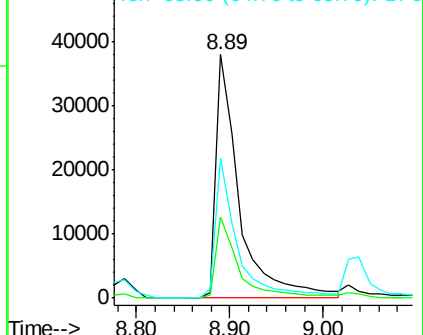
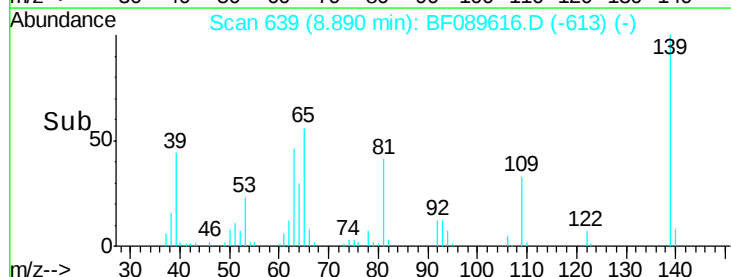
139 100

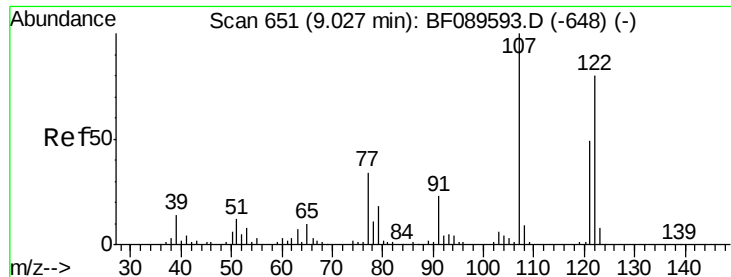
109 33.5 27.5 41.3

65 57.2 45.7 68.5



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





#27

2,4-Dimethylphenol

Concen: 39.49 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

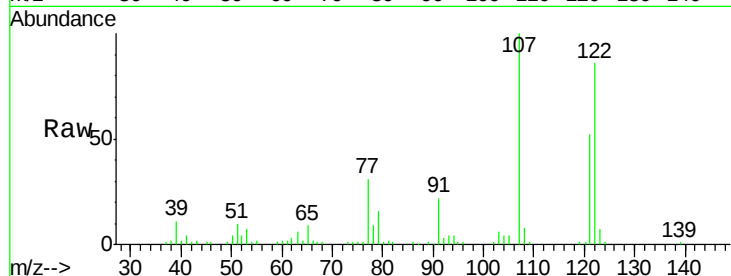
Tgt Ion:122 Resp: 107732

Ion Ratio Lower Upper

122 100

107 115.8 99.5 149.3

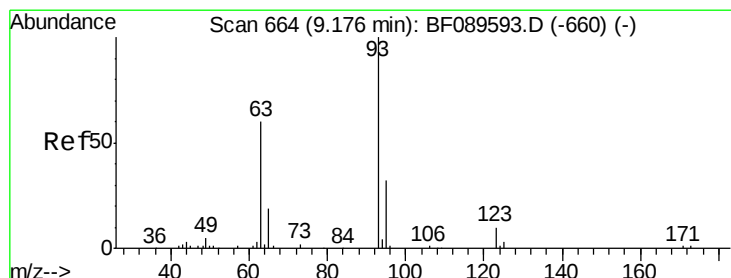
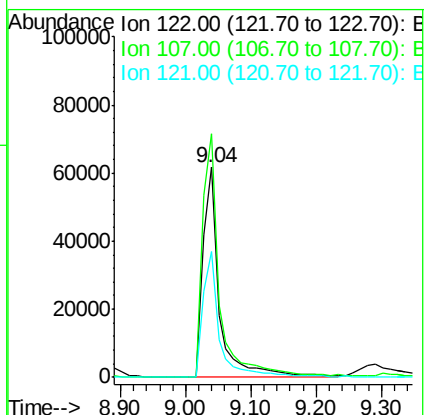
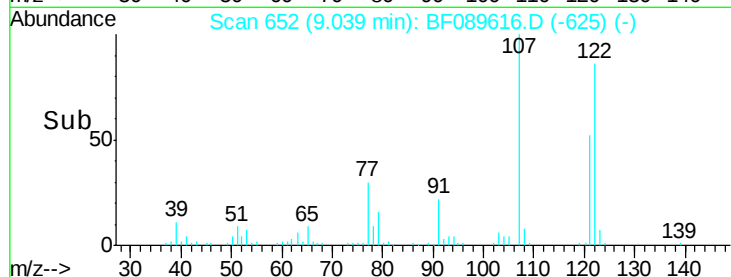
121 59.7 48.5 72.7



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: 45.81 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

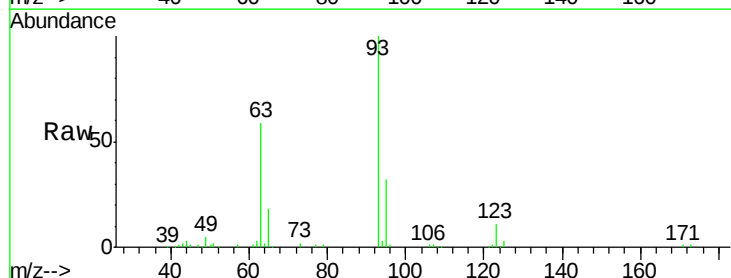
Tgt Ion: 93 Resp: 184748

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

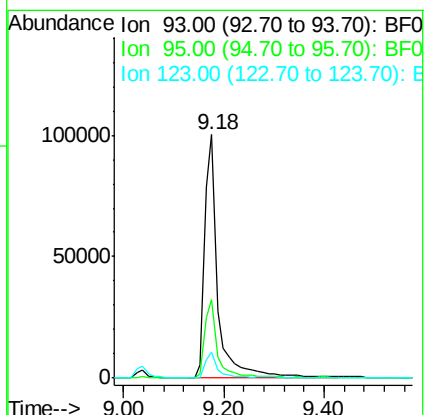
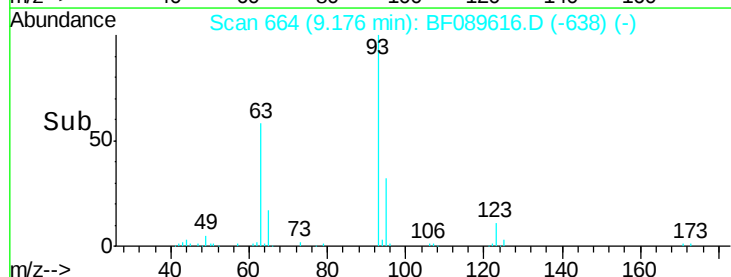
123 10.6 8.0 12.0

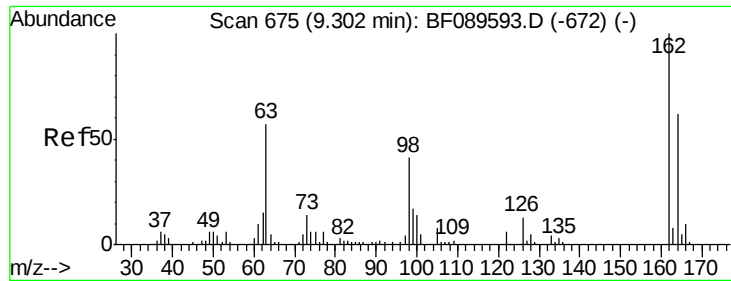


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

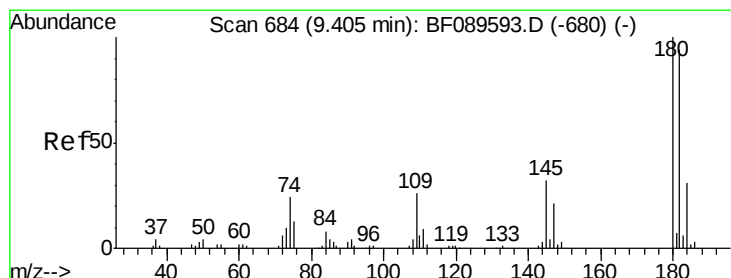
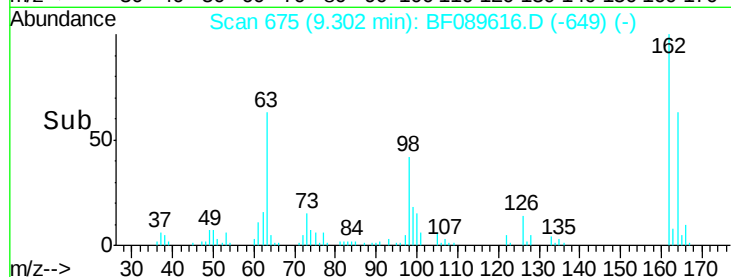
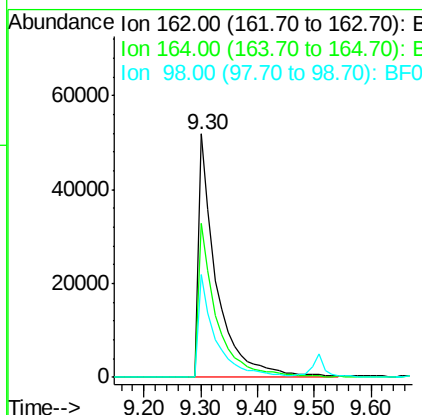
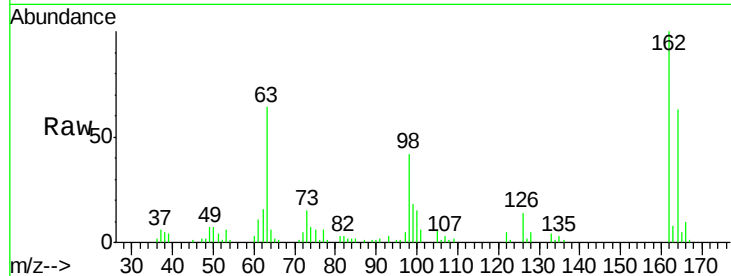




#29
 2,4-Dichlorophenol
 Concen: 43.31 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

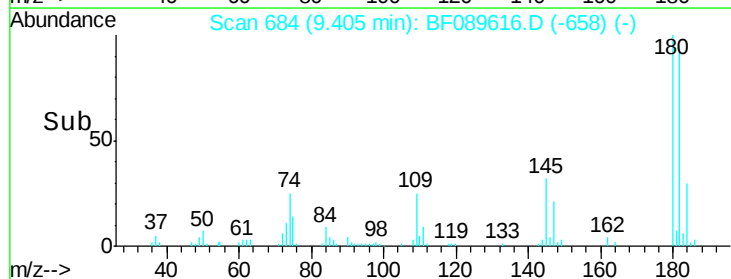
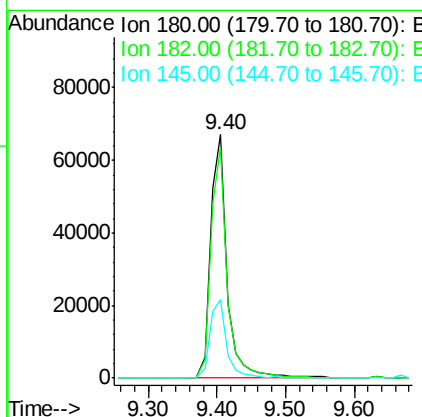
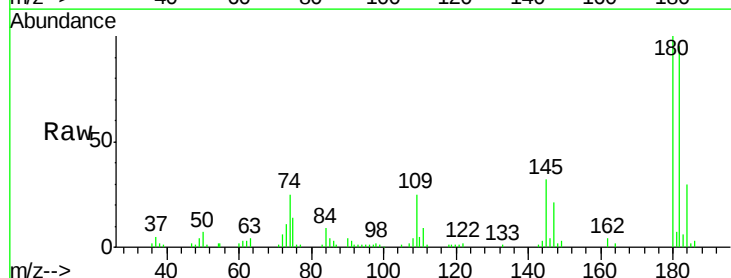
Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

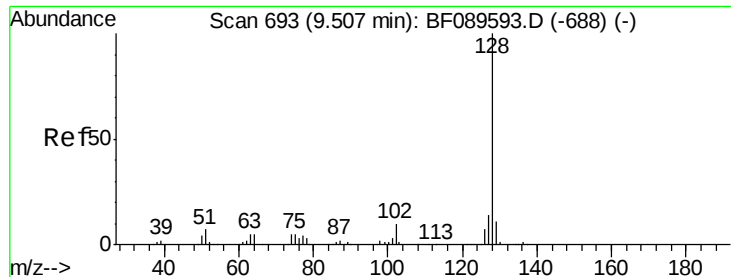
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.3	82.3
98	42.3	21.2	61.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.20 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	32.0	25.6	38.4

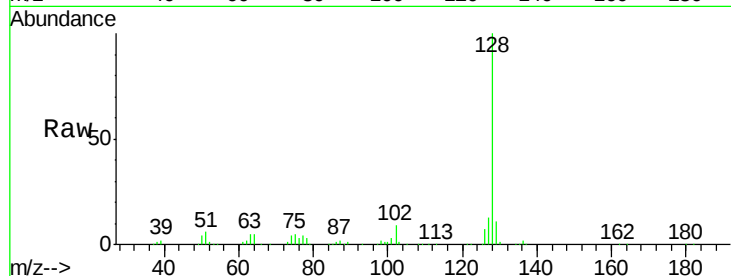




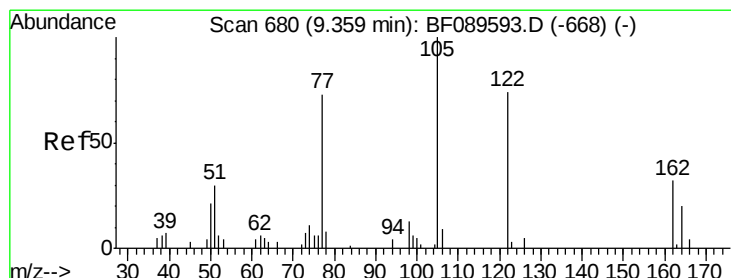
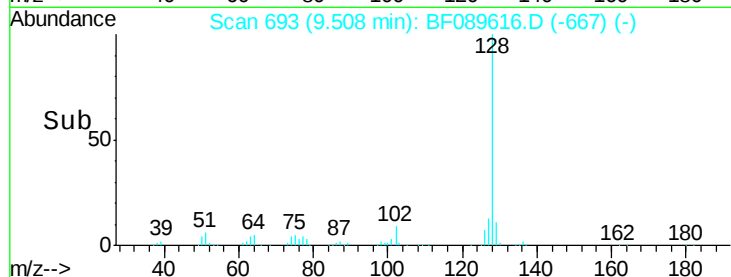
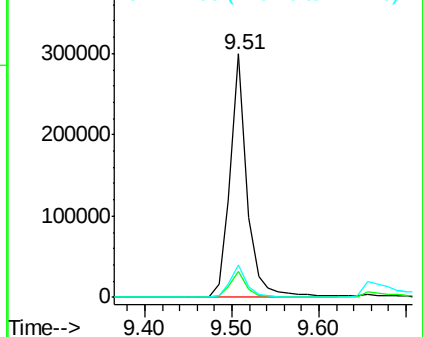
#31
Naphthalene
Concen: 40.06 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089616.D
Acq: 5 Aug 2016 6:57

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0MS

Tgt Ion:128 Resp: 409986
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.9 16.3

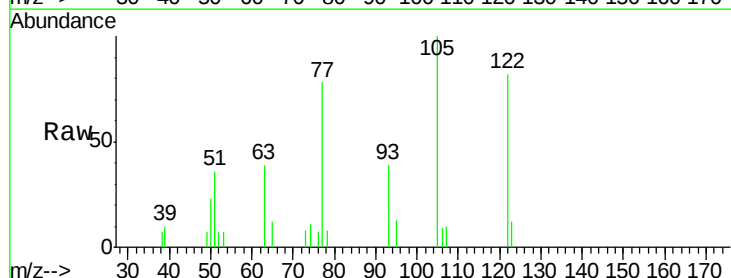


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

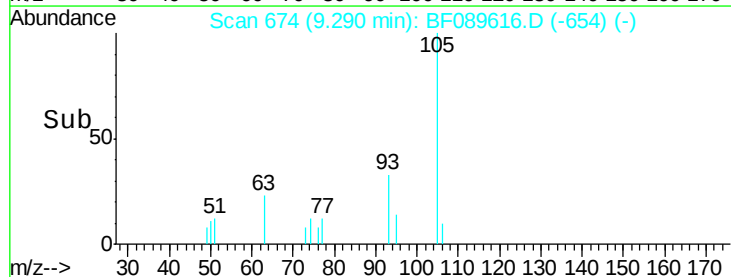
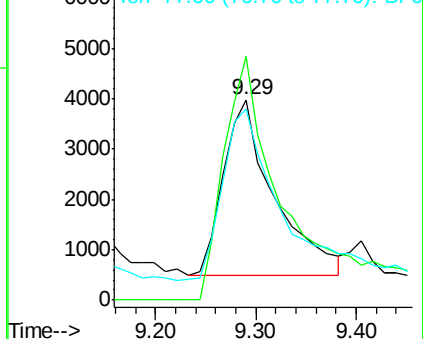


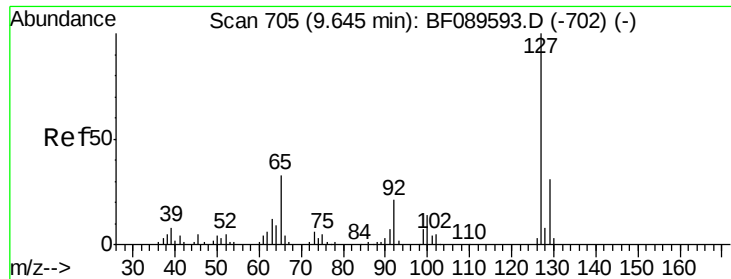
#32
Benzoic acid
Concen: 7.11 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.07 min
Lab File: BF089616.D
Acq: 5 Aug 2016 6:57

Tgt Ion:122 Resp: 12192
Ion Ratio Lower Upper
122 100
105 121.5 109.9 149.9
77 95.2 77.5 117.5



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

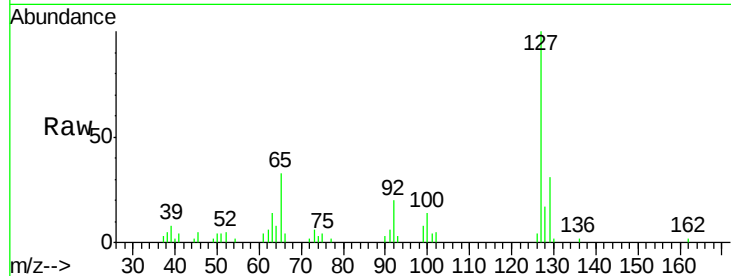




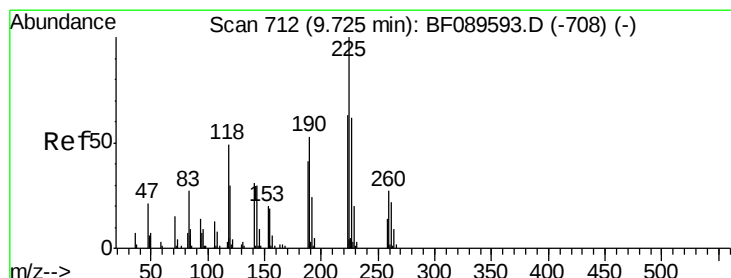
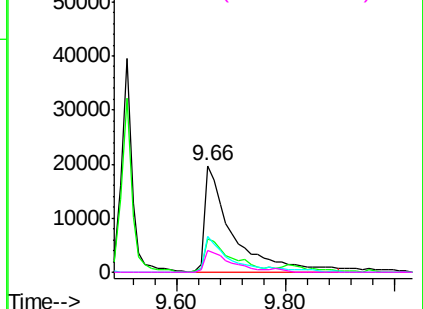
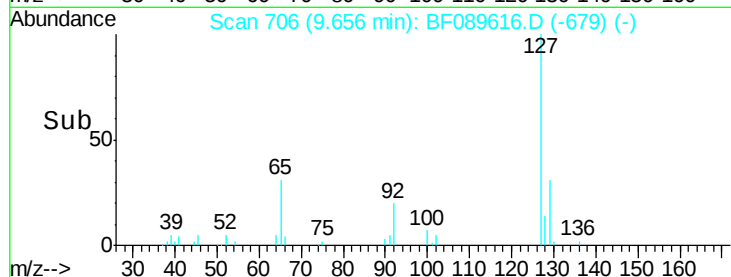
#33
 4-Chloroaniline
 Concen: 18.23 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

Tgt Ion:	127	Resp:	70053
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.1	37.7
65	33.2	26.2	39.2
92	20.2	16.9	25.3

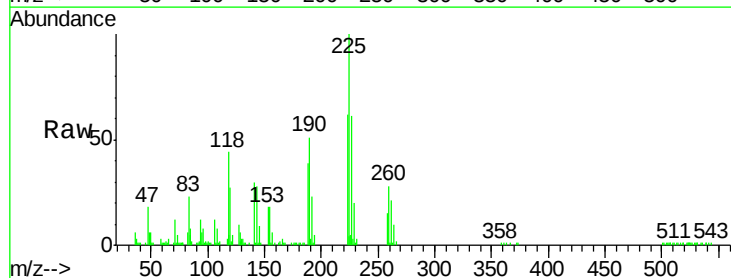


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

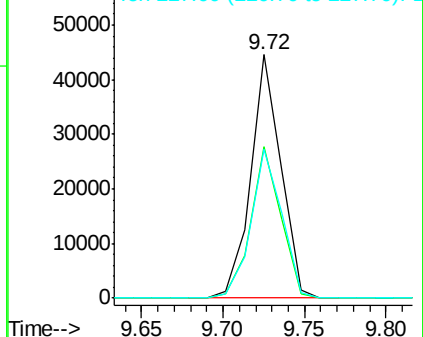
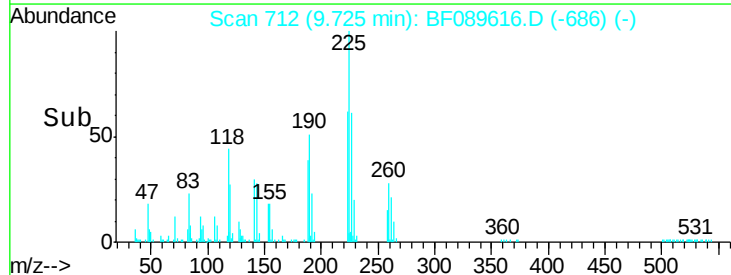


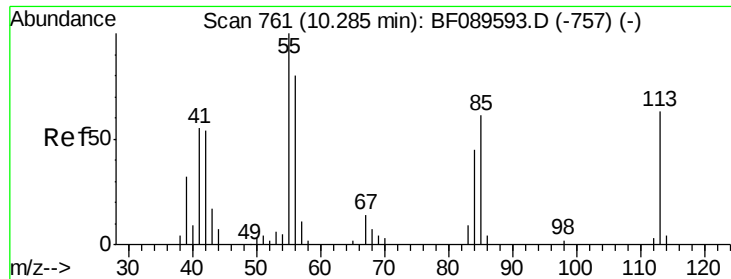
#34
 Hexachlorobutadiene
 Concen: 33.54 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion:	225	Resp:	56949
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	61.2	49.4	74.0



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

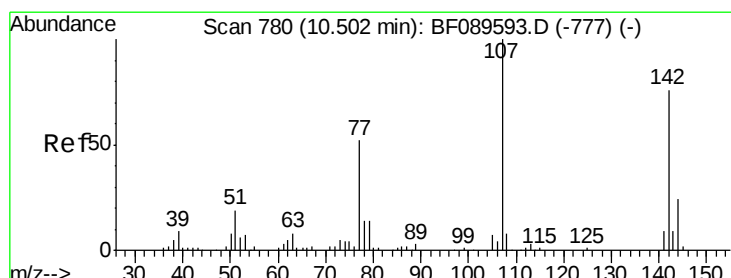
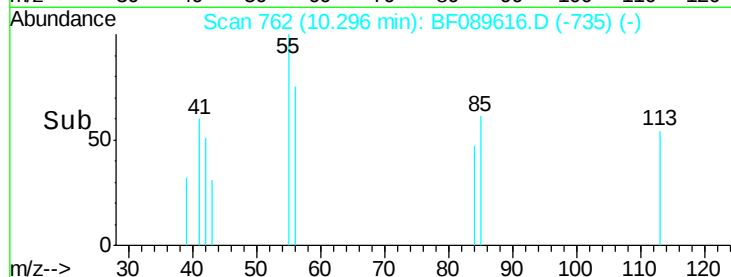
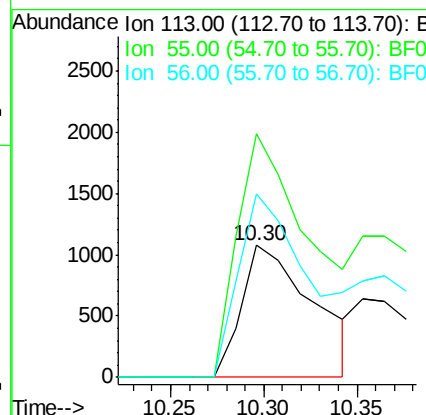
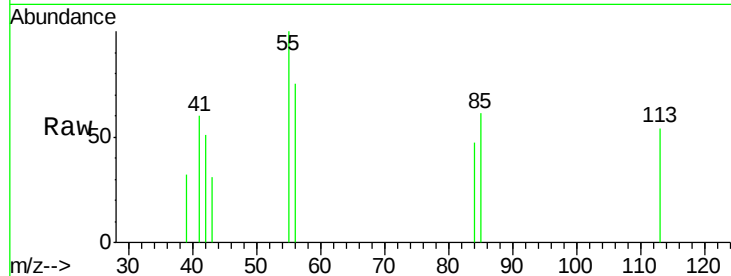




#35
 Caprolactam
 Concen: 3.80 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

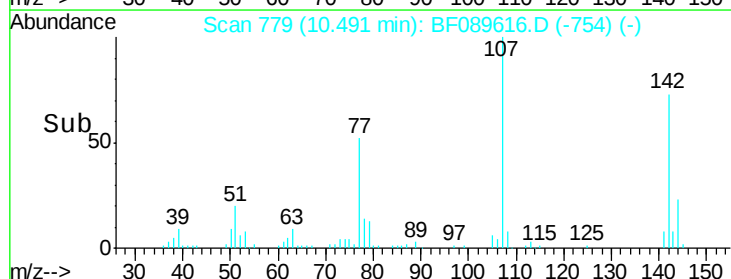
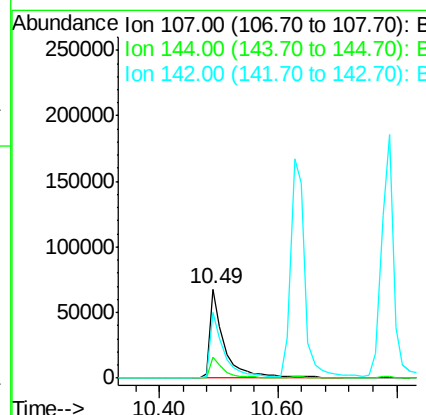
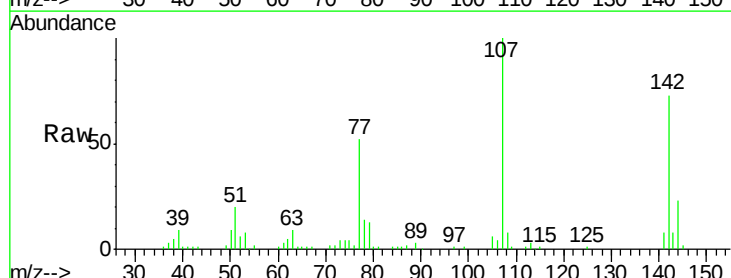
Instrument :
 BNA_F
 ClientSampleId :
 GW-64-9.0-15.0MS

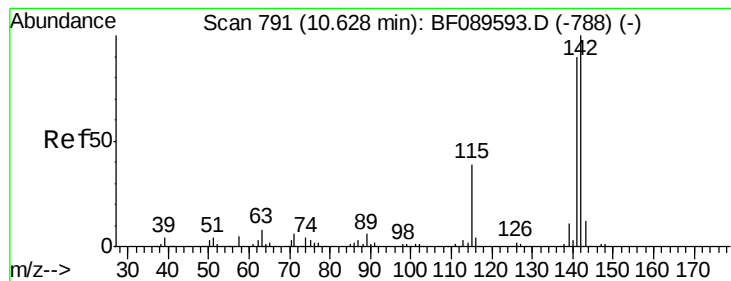
Tgt Ion:113 Resp: 2857
 Ion Ratio Lower Upper
 113 100
 55 184.3 139.6 179.6#
 56 138.9 108.2 148.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.19 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089616.D
 Acq: 5 Aug 2016 6:57

Tgt Ion:107 Resp: 117592
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.9 28.3
 142 73.0 60.4 90.6





#37

2-Methylnaphthalene

Concen: 42.87 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

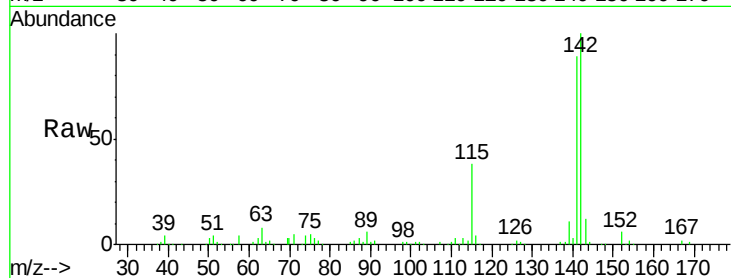
Tgt Ion:142 Resp: 269858

Ion Ratio Lower Upper

142 100

141 88.8 71.8 107.6

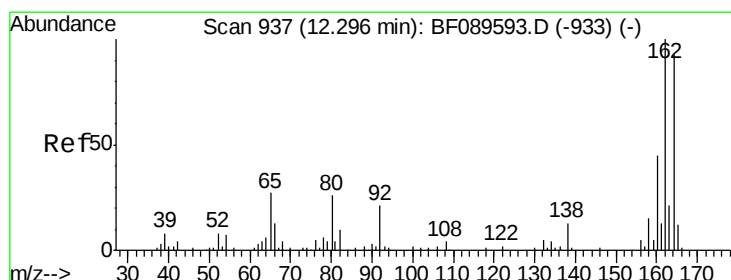
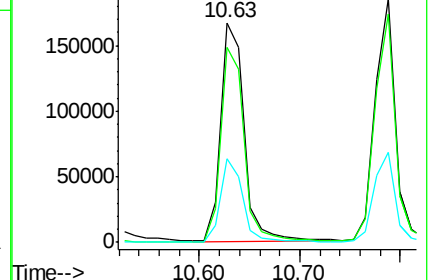
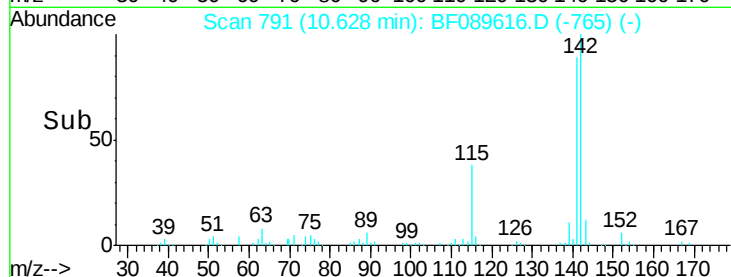
115 38.2 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

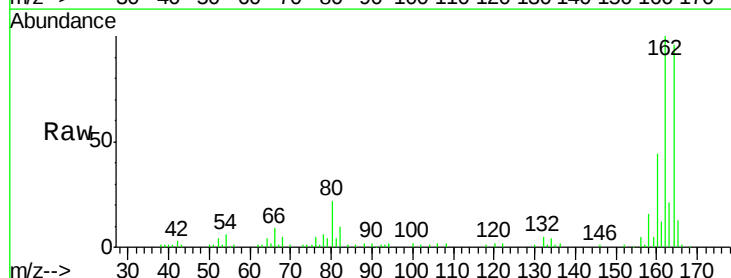
Tgt Ion:164 Resp: 90383

Ion Ratio Lower Upper

164 100

162 104.4 85.7 128.5

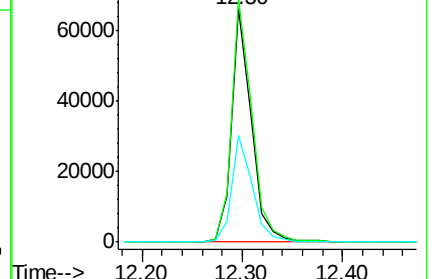
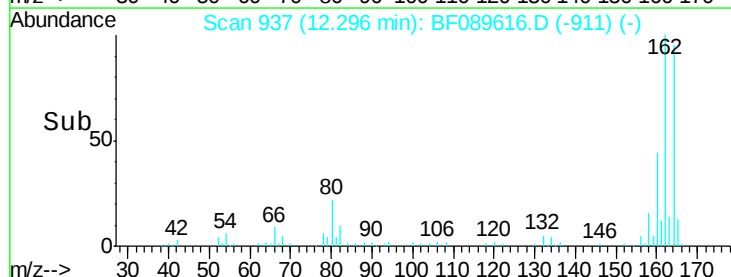
160 45.9 38.2 57.4

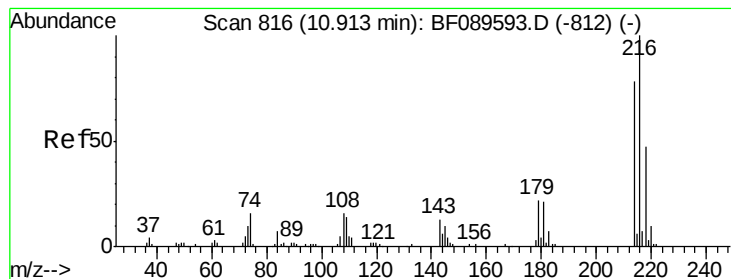


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.41 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

Instrument :

BNA_F

ClientSampleId :

GW-64-9.0-15.0MS

Tgt Ion:216 Resp: 110107

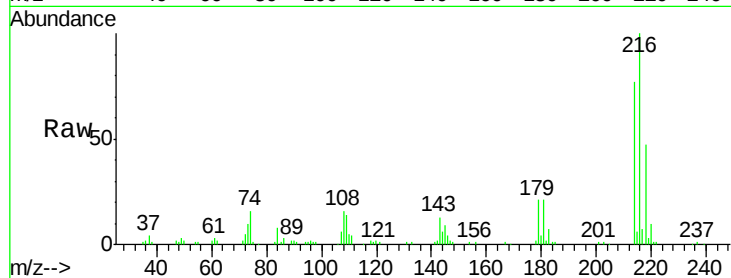
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 22.8 17.8 26.8

108 22.1 16.3 24.5

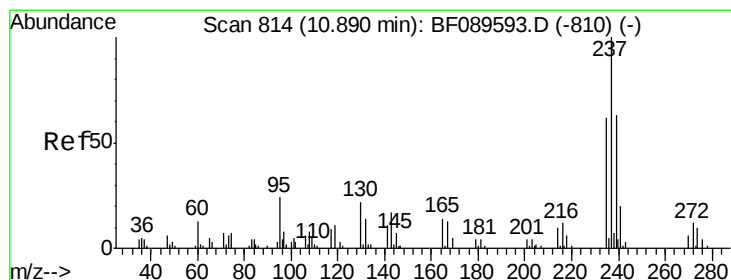
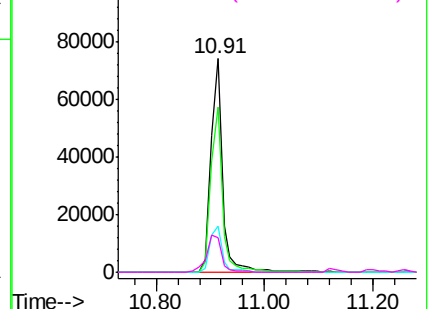
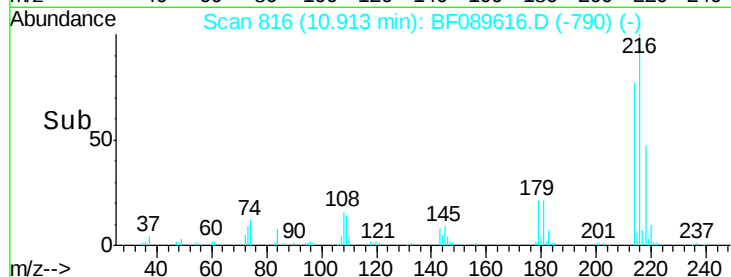


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.34 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF089616.D

Acq: 5 Aug 2016 6:57

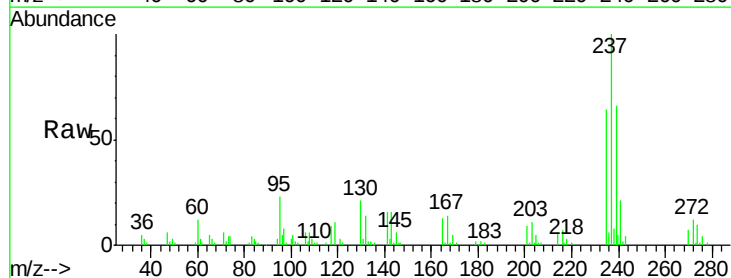
Tgt Ion:237 Resp: 75941

Ion Ratio Lower Upper

237 100

235 64.3 41.9 81.9

272 12.3 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

