

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089650.D
 Acq On : 6 Aug 2016 4:43
 Operator : UM/SJ
 Sample : H4352-02MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Quant Time: Aug 06 05:13:44 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	43902	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	181952	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	73808	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	108761	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	87989	20.00	ng	0.00
86) Perylene-d12	20.05	264	79083	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	393521	150.24	ng	0.06
7) Phenol-d6	7.00	99	464007	130.58	ng	0.02
23) Nitrobenzene-d5	8.36	82	357297	108.62	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	84257	138.33	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	613388	108.01	ng	0.00
78) Terphenyl-d14	17.05	244	364554	81.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	50192	33.43	ng	# 83
3) Pyridine	2.49	79	65590	23.77	ng	99
4) n-Nitrosodimethylamine	2.43	42	56951	47.36	ng	99
6) Aniline	6.96	93	14326	3.11	ng	95
8) 2-Chlorophenol	7.13	128	168117	52.28	ng	98
9) Benzaldehyde	6.76	77	27457	21.30	ng	91
10) Phenol	7.02	94	179589	49.23	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	162648	51.89	ng	99
12) 1,3-Dichlorobenzene	7.35	146	166820	47.76	ng	99
13) 1,4-Dichlorobenzene	7.47	146	166653	47.84	ng	99
14) 1,2-Dichlorobenzene	7.70	146	167104	45.51	ng	100
15) Benzyl Alcohol	7.74	79	132230	56.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	192245	48.17	ng	# 55
17) 2-Methylphenol	7.95	107	123103	53.01	ng	93
18) Hexachloroethane	8.23	117	62994	42.91	ng	92
19) n-Nitroso-di-n-propylamine	8.17	70	127532	49.68	ng	96
20) 3+4-Methylphenols	8.22	107	156691	53.45	ng	99
22) Acetophenone	8.12	105	206320	47.57	ng	97
24) Nitrobenzene	8.39	77	178137	57.01	ng	98
25) Isophorone	8.79	82	332076	52.72	ng	100
26) 2-Nitrophenol	8.89	139	81291	56.69	ng	98
27) 2,4-Dimethylphenol	9.04	122	146432	56.80	ng	96
28) bis(2-Chloroethoxy)methane	9.16	93	207285	54.39	ng	99
29) 2,4-Dichlorophenol	9.31	162	129666	53.16	ng	97
30) 1,2,4-Trichlorobenzene	9.40	180	139803	50.18	ng	98
31) Naphthalene	9.51	128	493691	51.05	ng	100
32) Benzoic acid	9.36	122	57687	35.62	ng	98
33) 4-Chloroaniline	9.69	127	22248	6.13	ng	96
34) Hexachlorobutadiene	9.72	225	75939	47.34	ng	98
35) Caprolactam	10.28	113	19134	26.91	ng	95
36) 4-Chloro-3-methylphenol	10.51	107	138815	48.96	ng	96
37) 2-Methylnaphthalene	10.63	142	298733	50.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	116645	42.05	ng	100
40) Hexachlorocyclopentadiene	10.89	237	31359	38.02	ng	99

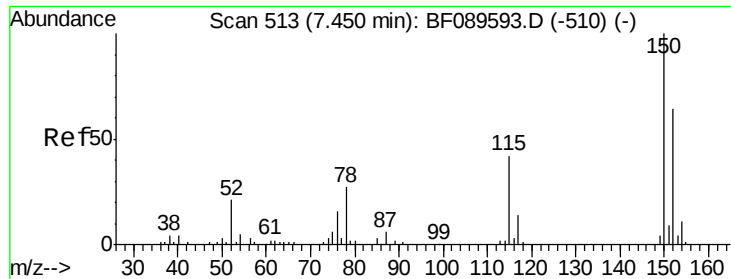
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089650.D
 Acq On : 6 Aug 2016 4:43
 Operator : UM/SJ
 Sample : H4352-02MSD
 Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	83365	60.93	ng	97
43) 2,4,5-Trichlorophenol	11.21	196	87317	59.71	ng	98
45) 1,1'-Biphenyl	11.40	154	327249	49.16	ng	100
46) 2-Chloronaphthalene	11.42	162	268789	53.86	ng	99
47) 2-Nitroaniline	11.62	65	81915	50.92	ng	94
48) Acenaphthylene	12.07	152	419335	51.01	ng	100
49) Dimethylphthalate	11.97	163	336331	58.14	ng	99
50) 2,6-Dinitrotoluene	12.05	165	66914	58.17	ng	90
51) Acenaphthene	12.35	154	247744	52.18	ng	99
52) 3-Nitroaniline	12.32	138	21572	15.68	ng	93
53) 2,4-Dinitrophenol	12.51	184	29571	63.69	ng	98
54) Dibenzofuran	12.64	168	368096	56.39	ng	100
55) 4-Nitrophenol	12.69	139	56915	80.01	ng	# 69
56) 2,4-Dinitrotoluene	12.70	165	85538	52.87	ng	90
57) Fluorene	13.19	166	278821	49.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	63513	57.21	ng	97
59) Diethylphthalate	13.11	149	335344	56.05	ng	99
60) 4-Chlorophenyl-phenylether	13.22	204	130753	51.11	ng	96
61) 4-Nitroaniline	13.31	138	45135	36.49	ng	98
62) Azobenzene	13.47	77	327389	56.58	ng	92
64) 4,6-Dinitro-2-methylphenol	13.37	198	25089	38.85	ng	86
65) n-Nitrosodiphenylamine	13.44	169	229269	62.41	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	68638	65.25	ng	97
67) Hexachlorobenzene	14.07	284	64307	55.57	ng	98
68) Atrazine	14.35	200	57125	55.70	ng	97
69) Pentachlorophenol	14.42	266	57389	113.98	ng	99
70) Phenanthrene	14.73	178	341150	57.69	ng	99
71) Anthracene	14.81	178	351044	55.36	ng	99
72) Carbazole	15.11	167	293243	55.49	ng	99
73) Di-n-butylphthalate	15.70	149	431831	60.42	ng	99
74) Fluoranthene	16.49	202	322605	53.07	ng	99
77) Pyrene	16.80	202	328096	42.18	ng	99
79) Butylbenzylphthalate	17.73	149	158539	47.89	ng	100
80) Benzo(a)anthracene	18.38	228	281238	55.63	ng	98
81) 3,3'-Dichlorobenzidine	18.37	252	30938	19.42	ng	96
82) Chrysene	18.42	228	288644	54.42	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	221388	48.30	ng	100
84) Di-n-octyl phthalate	19.25	149	400307	60.69	ng	99
85) Indeno(1,2,3-cd)pyrene	21.23	276	221936	55.11	ng	100
87) Benzo(b)fluoranthene	19.65	252	254635	52.35	ng	# 97
88) Benzo(k)fluoranthene	19.65	252	254635	51.89	ng	98
89) Benzo(a)pyrene	19.99	252	245677	53.95	ng	# 96
90) Dibenzo(a,h)anthracene	21.25	278	192682	45.29	ng	97
91) Benzo(g,h,i)perylene	21.57	276	174175	39.99	ng	98

(#) = 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: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

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WASTE-GAC-VPMSD

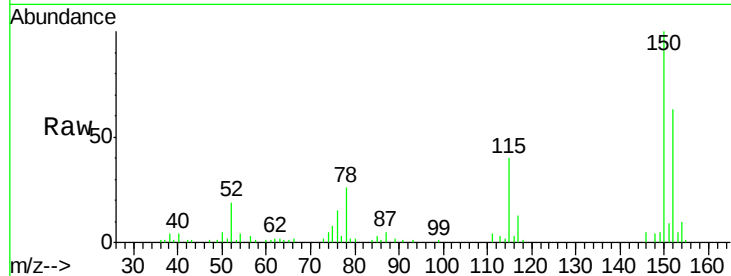
Tgt Ion:152 Resp: 43902

Ion Ratio Lower Upper

152 100

150 158.0 125.5 188.3

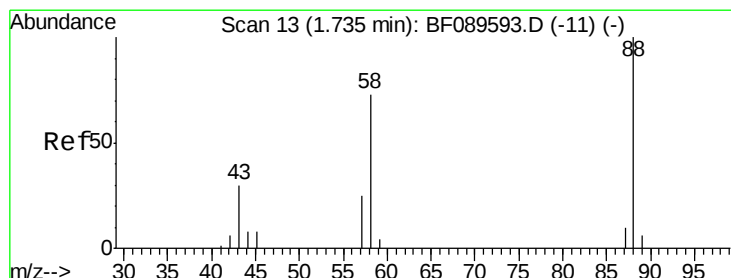
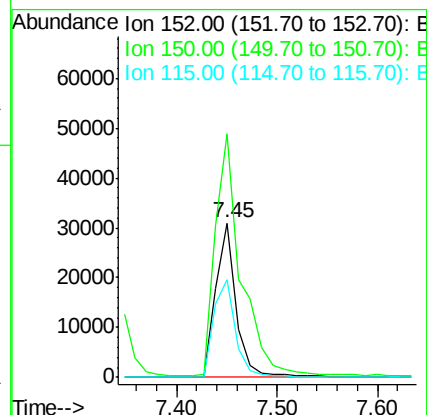
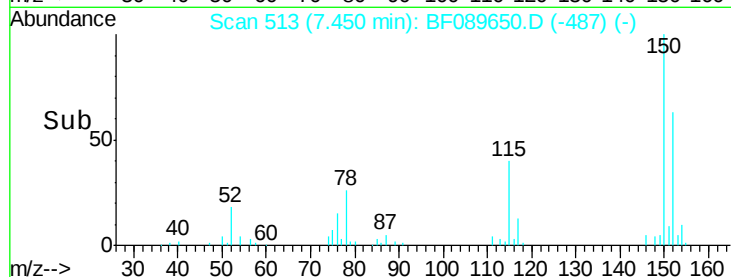
115 63.2 52.0 78.0



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: 33.43 ng

RT: 1.94 min Scan# 31

Delta R.T. 0.21 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

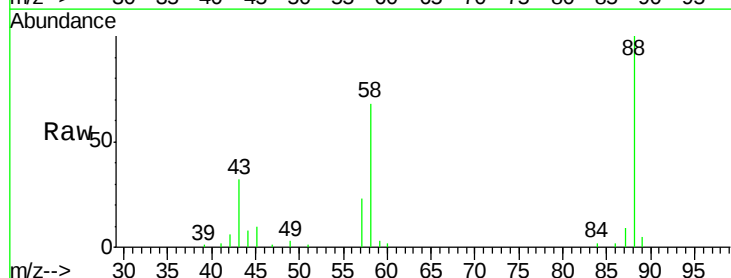
Tgt Ion: 88 Resp: 50192

Ion Ratio Lower Upper

88 100

58 64.9 49.8 74.8

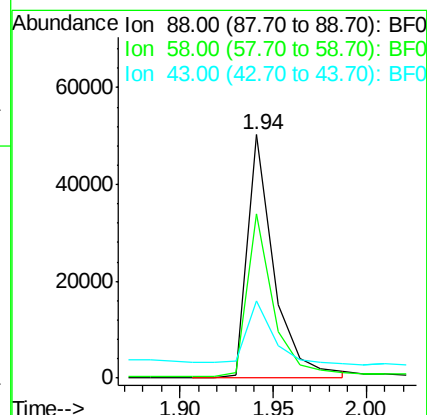
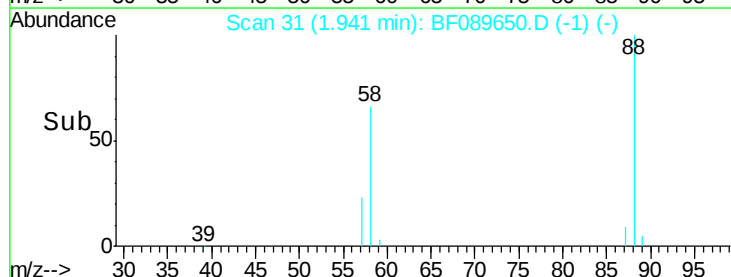
43 0.0 20.1 30.1#

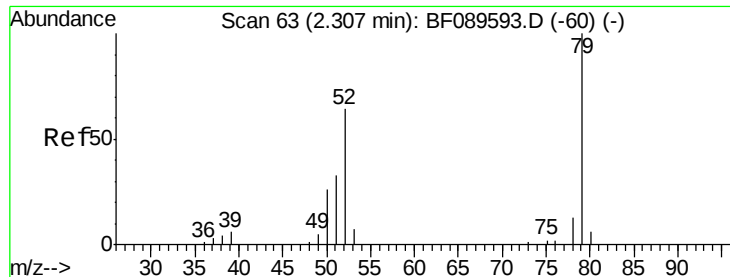


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.77 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.18 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

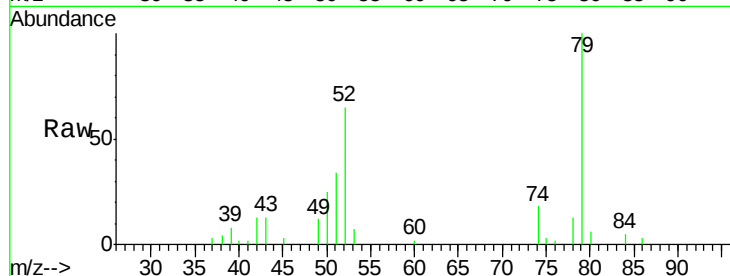
Tgt Ion: 79 Resp: 65590

Ion Ratio Lower Upper

79 100

52 64.7 51.0 76.4

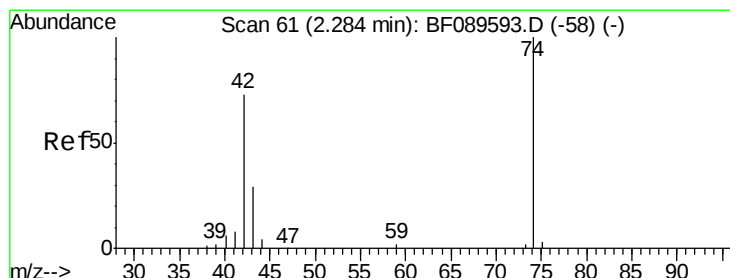
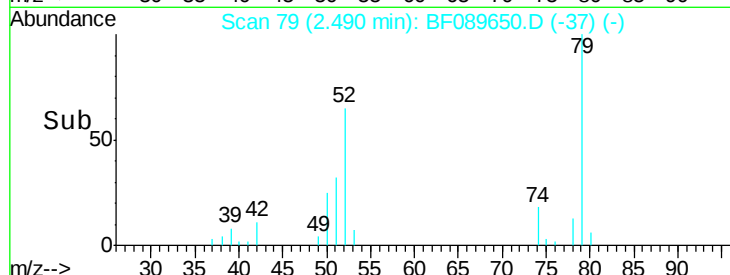
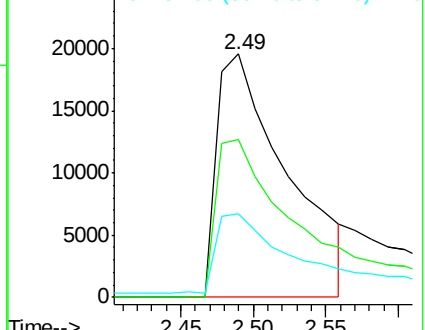
51 34.3 27.9 41.9



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: 47.36 ng

RT: 2.43 min Scan# 74

Delta R.T. 0.15 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

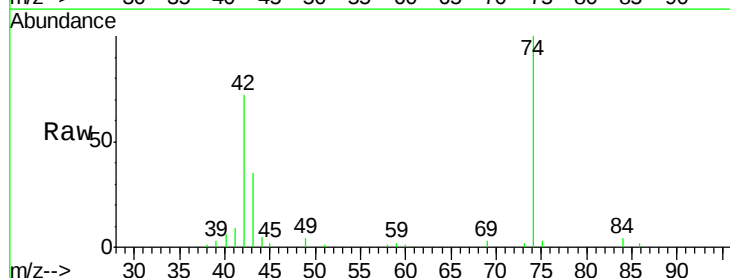
Tgt Ion: 42 Resp: 56951

Ion Ratio Lower Upper

42 100

74 138.9 110.0 165.0

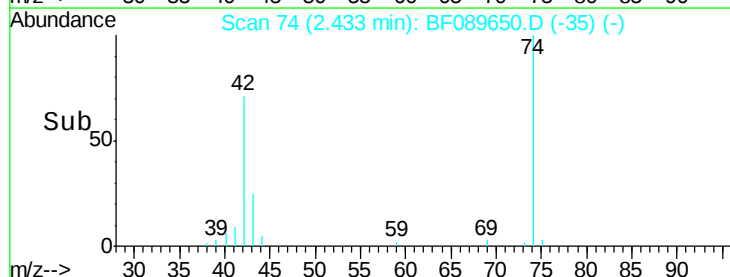
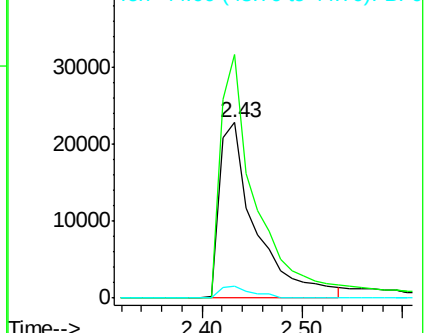
44 6.6 4.8 7.2

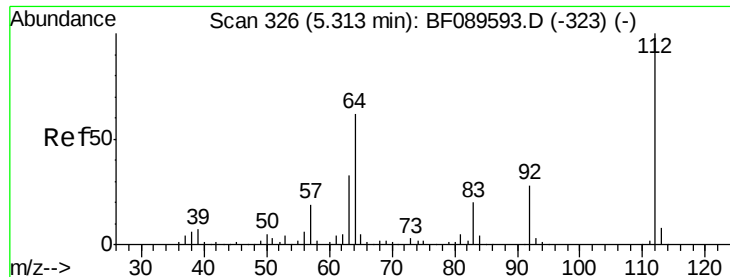


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

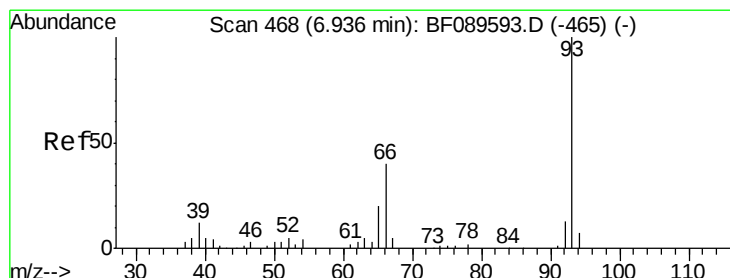
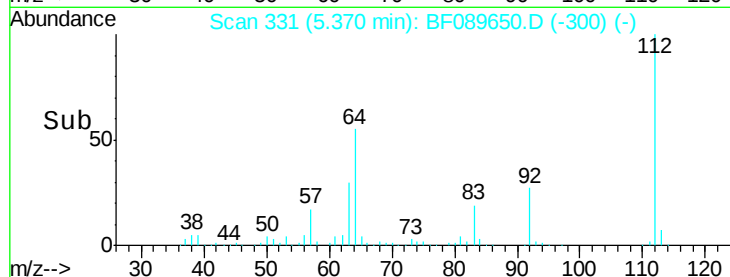
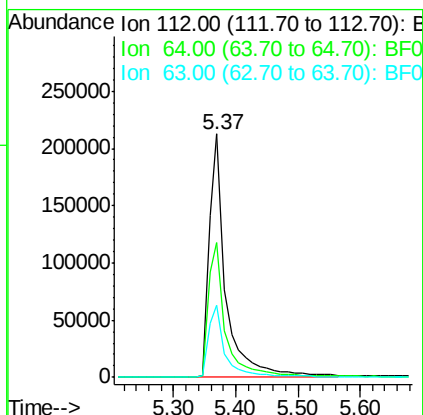
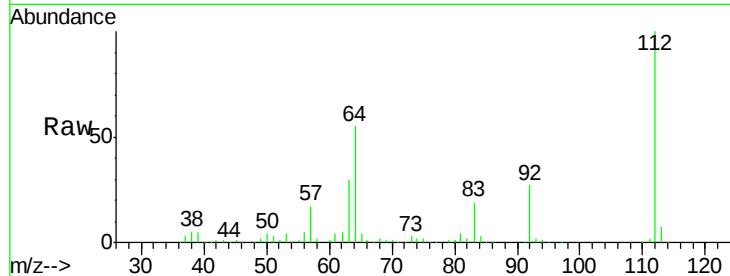




#5
 2-Fluorophenol
 Concen: 150.24 ng
 RT: 5.37 min Scan# 331
 Delta R.T. 0.06 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

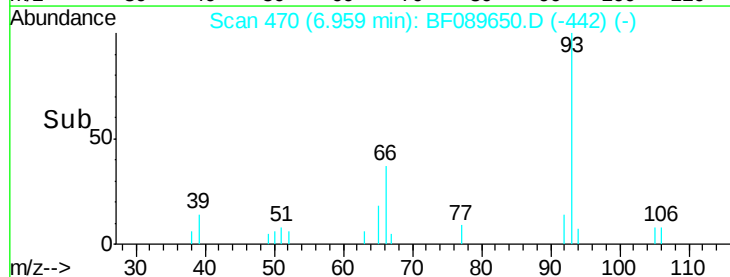
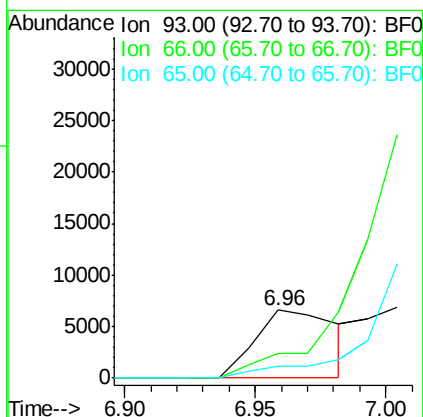
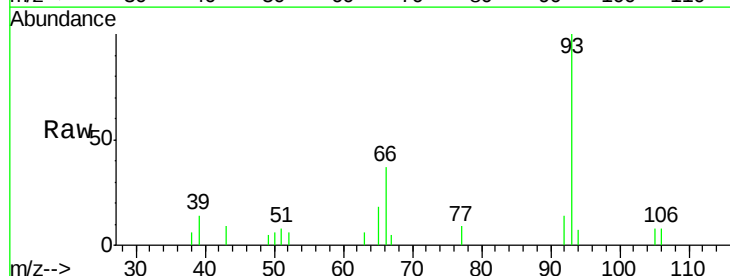
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion: 112 Resp: 393521
 Ion Ratio Lower Upper
 112 100
 64 55.4 49.9 74.9
 63 29.8 26.1 39.1



#6
 Aniline
 Concen: 3.11 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.02 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion: 93 Resp: 14326
 Ion Ratio Lower Upper
 93 100
 66 36.5 32.2 48.2
 65 17.8 15.8 23.8





#7

Phenol-d6

Concen: 130.58 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.02 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

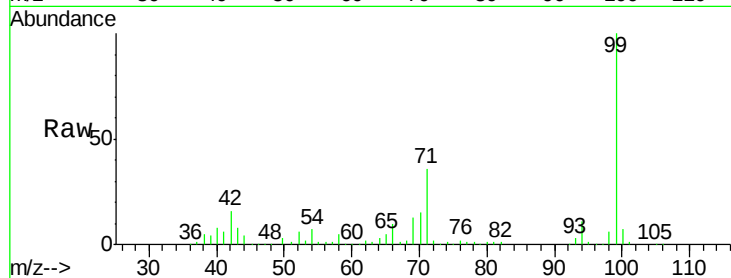
Tgt Ion: 99 Resp: 464007

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

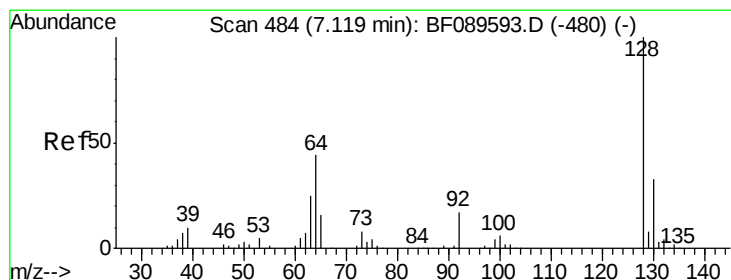
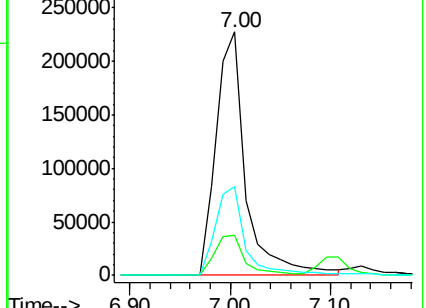
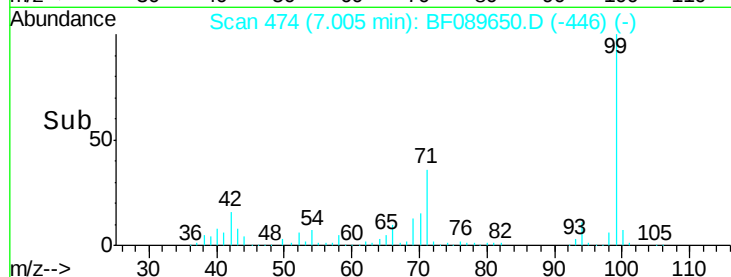
71 36.3 29.0 43.4



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: 52.28 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

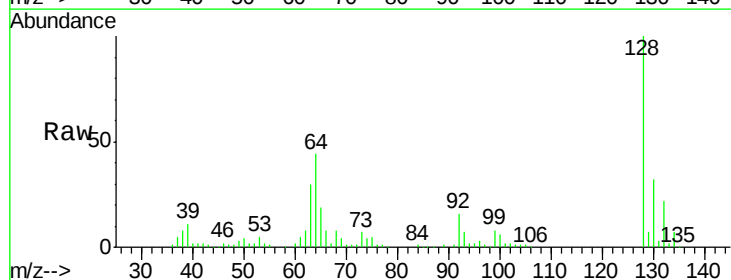
Tgt Ion: 128 Resp: 168117

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

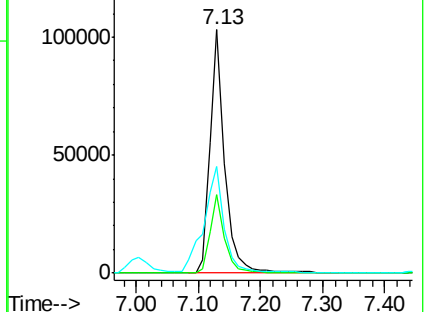
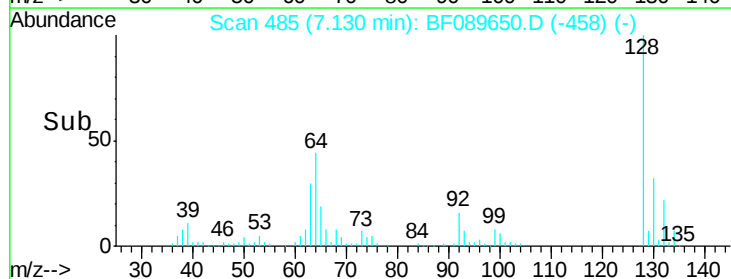
64 43.6 25.3 65.3

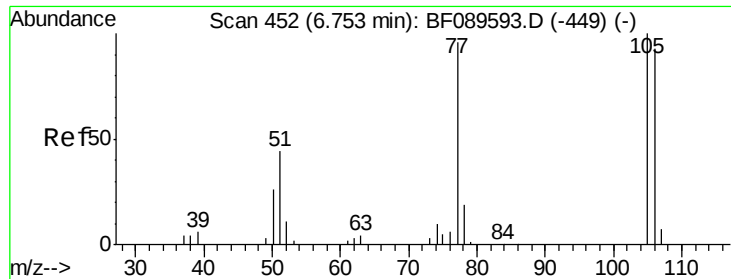


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

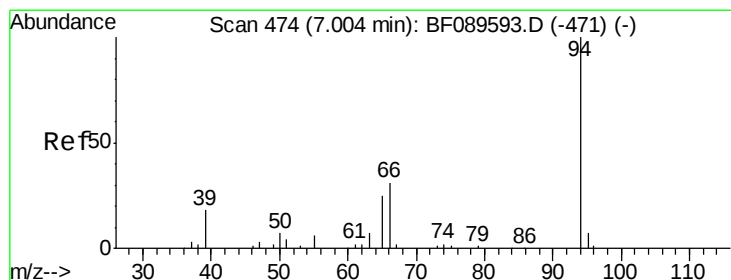
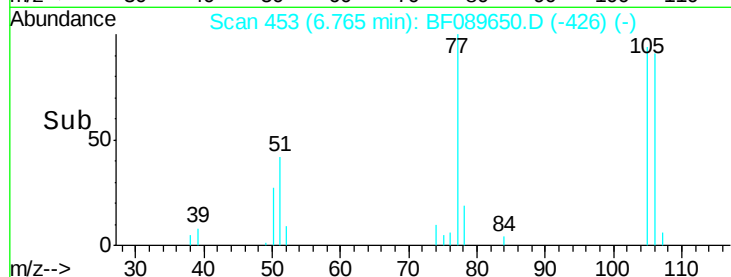
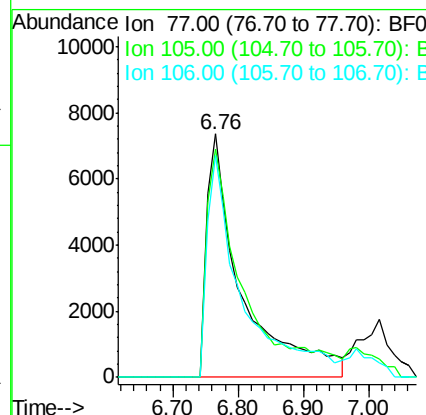
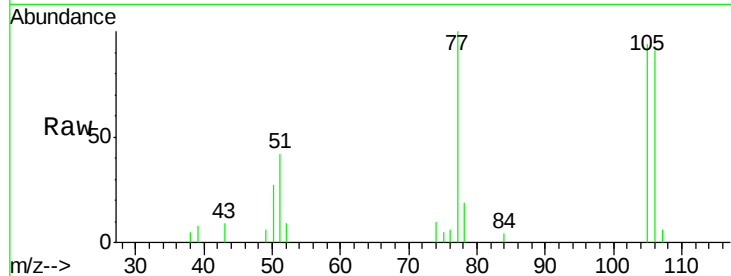




#9
Benzaldehyde
Concen: 21.30 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

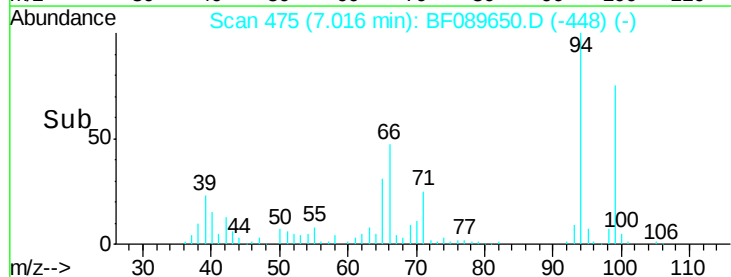
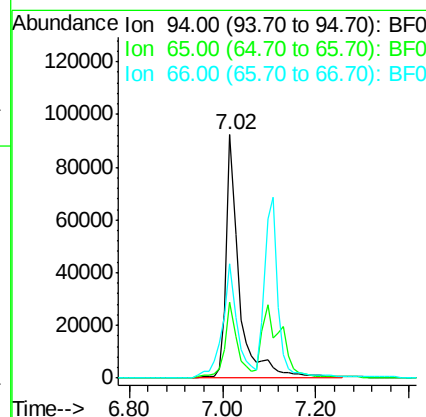
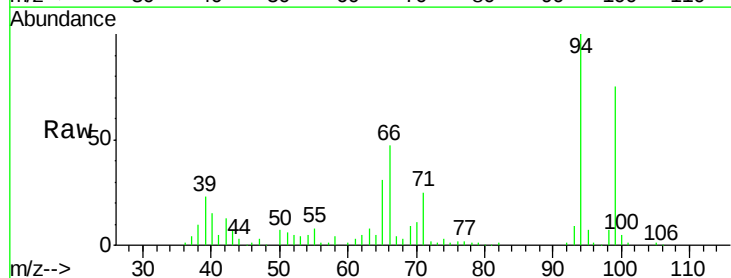
Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

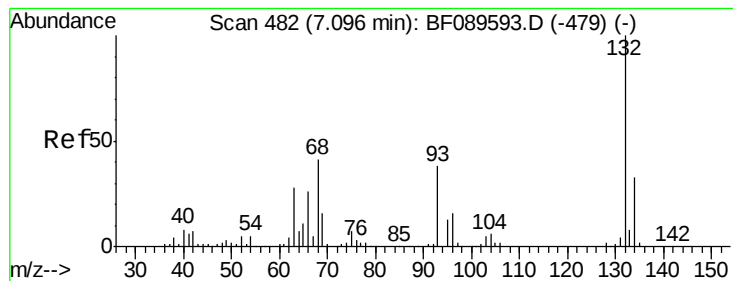
Tgt Ion: 77 Resp: 27457
Ion Ratio Lower Upper
77 100
105 93.9 84.7 124.7
106 90.9 77.1 117.1



#10
Phenol
Concen: 49.23 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion: 94 Resp: 179589
Ion Ratio Lower Upper
94 100
65 31.0 11.0 51.0
66 47.1 27.4 67.4

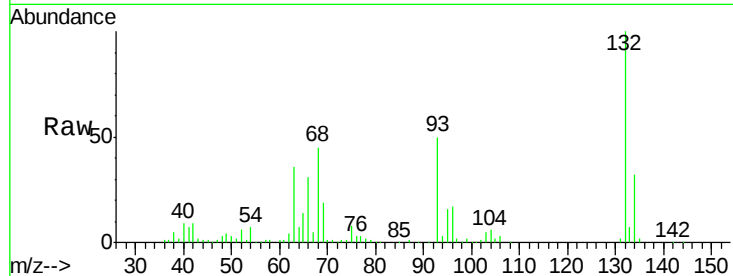




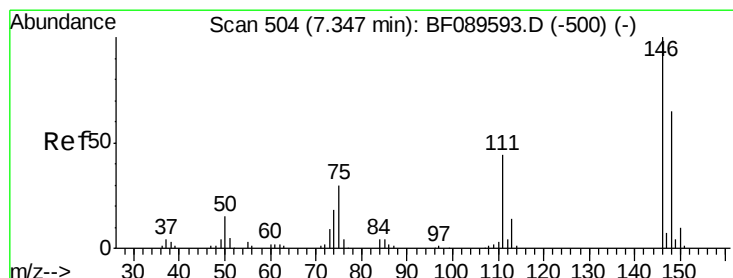
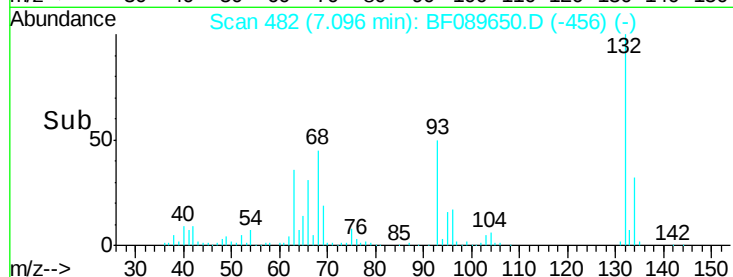
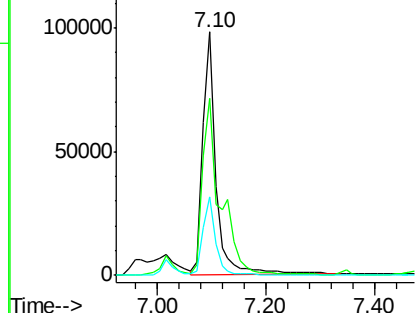
#11
bis(2-Chloroethyl)ether
Concen: 51.89 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion: 93 Resp: 162648
Ion Ratio Lower Upper
93 100
63 72.6 52.2 92.2
95 32.2 13.1 53.1

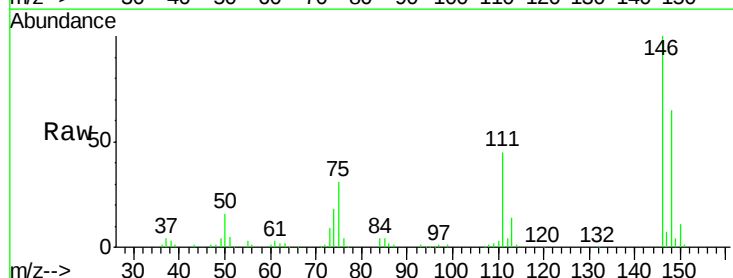


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

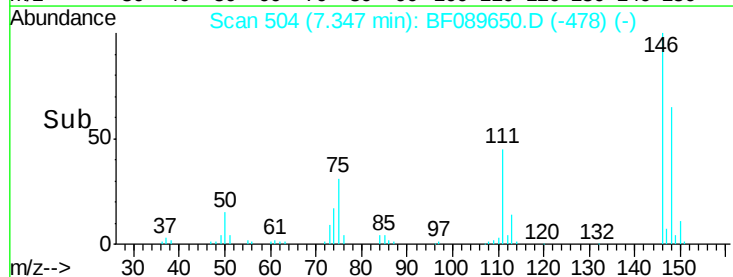
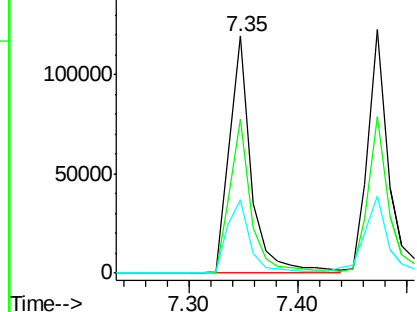


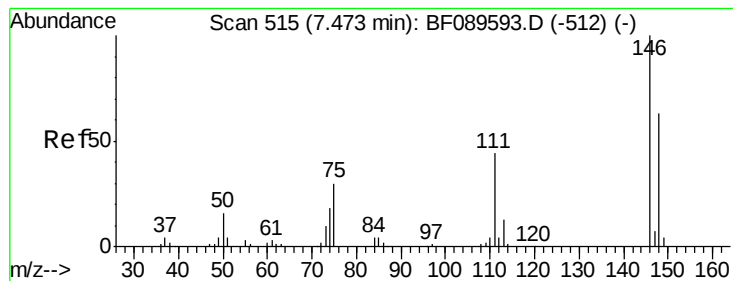
#12
1,3-Dichlorobenzene
Concen: 47.76 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion: 146 Resp: 166820
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 31.1 24.1 36.1



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: 47.84 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

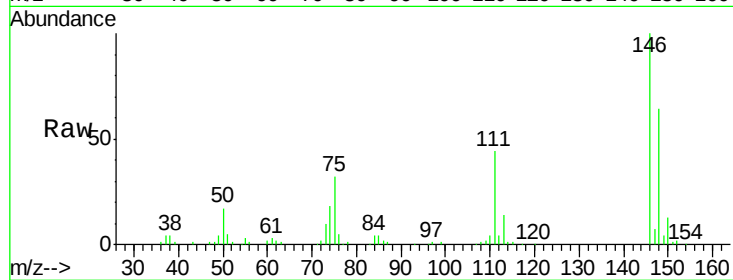
Tgt Ion:146 Resp: 166653

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

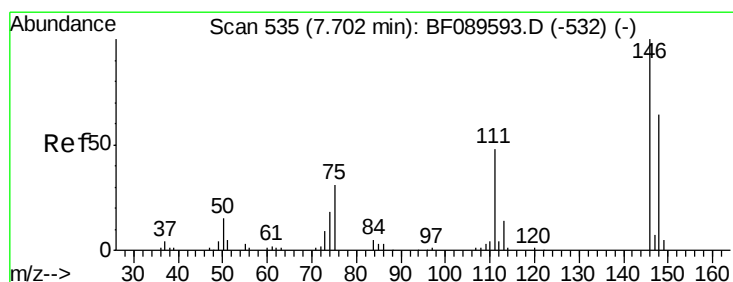
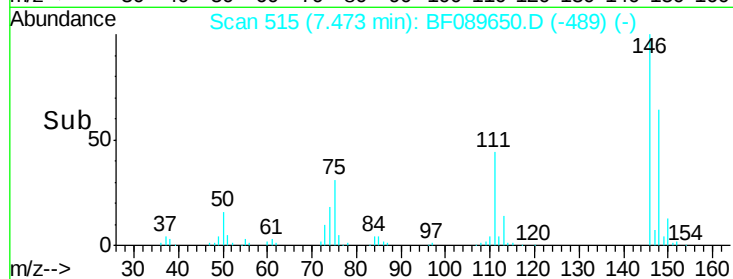
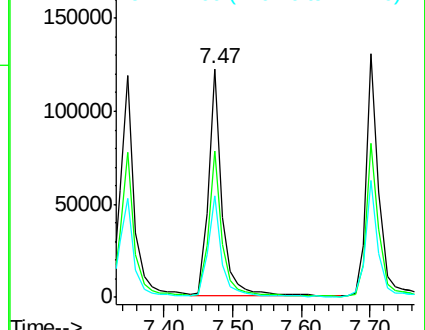
111 44.3 35.0 52.4



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: 45.51 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

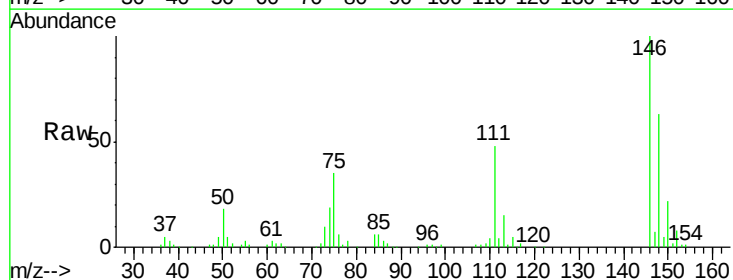
Tgt Ion:146 Resp: 167104

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

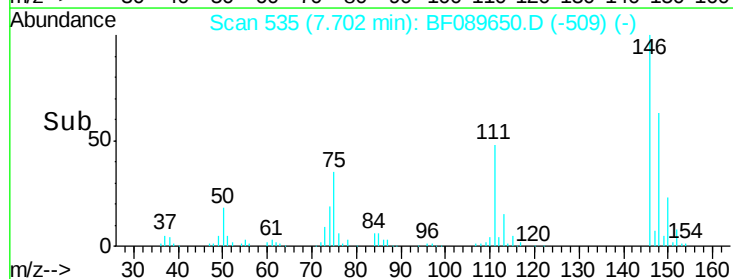
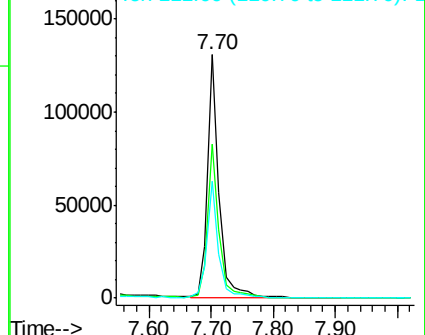
111 47.8 38.5 57.7

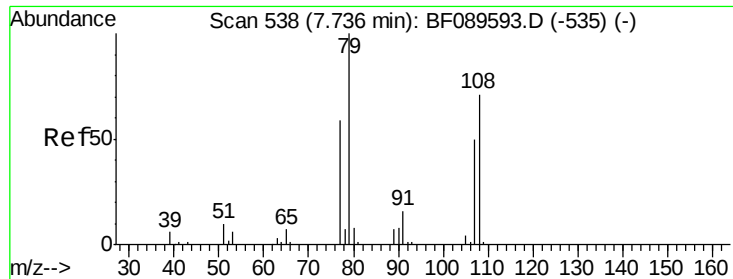


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.75 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

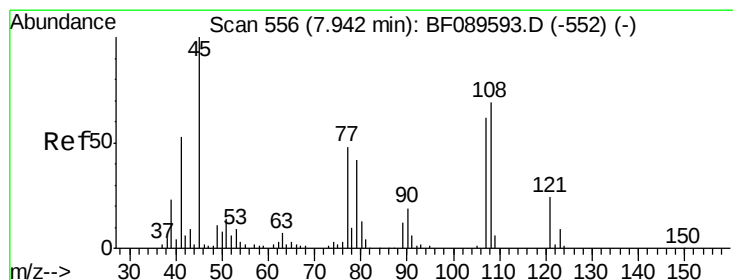
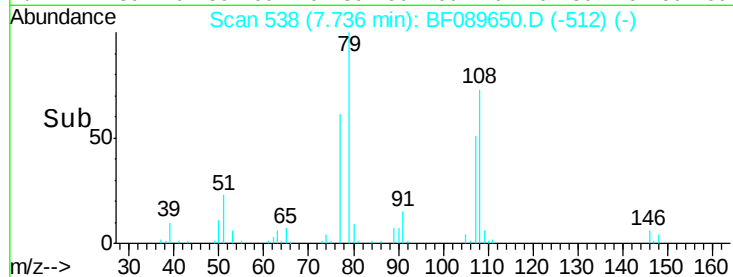
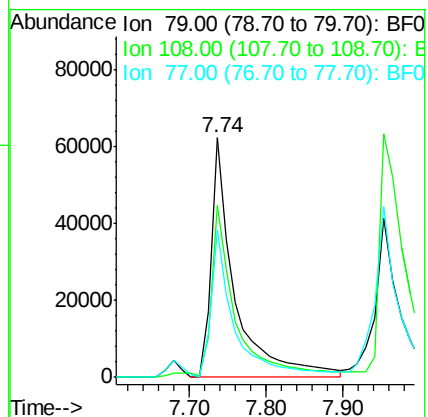
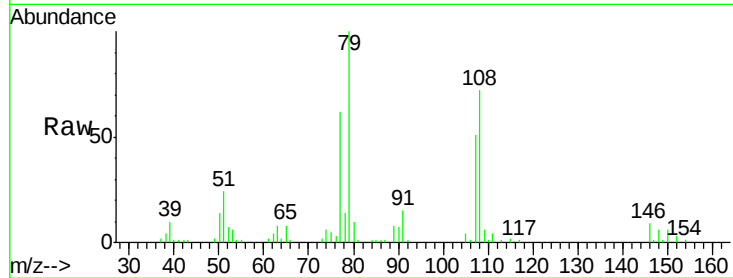
Tgt Ion: 79 Resp: 132230

Ion Ratio Lower Upper

79 100

108 71.9 58.3 87.5

77 61.5 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.17 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

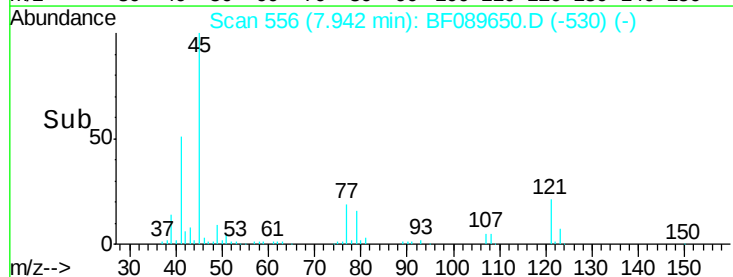
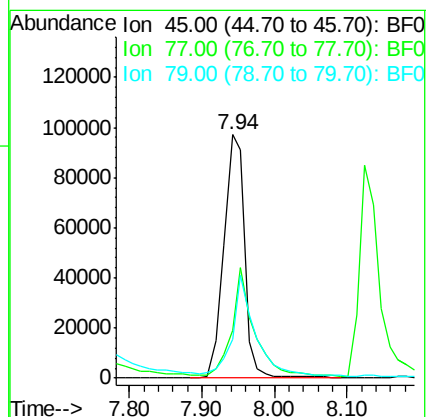
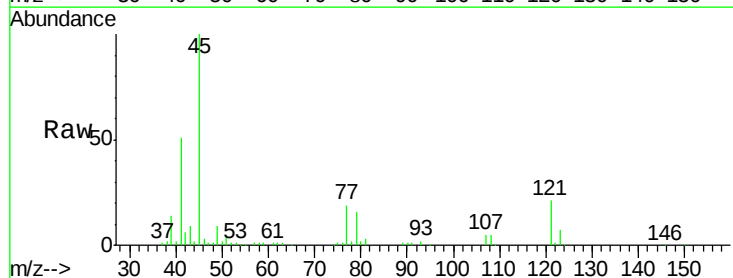
Tgt Ion: 45 Resp: 192245

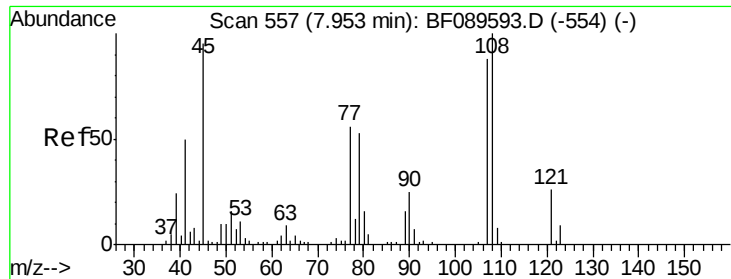
Ion Ratio Lower Upper

45 100

77 19.4 30.1 70.1#

79 15.8 25.5 65.5#

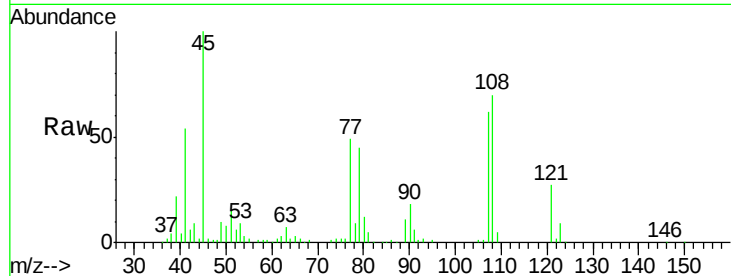




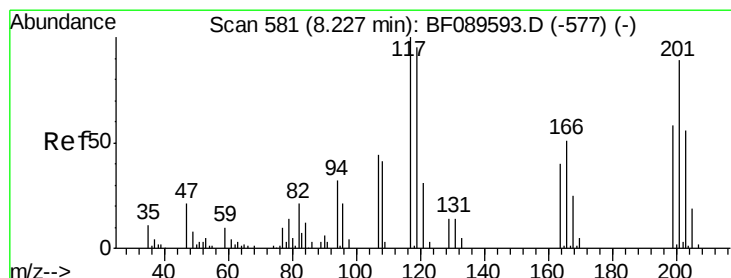
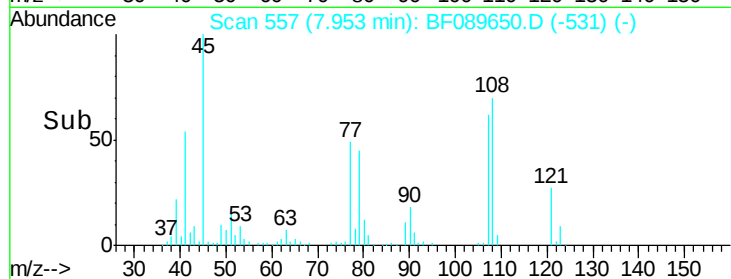
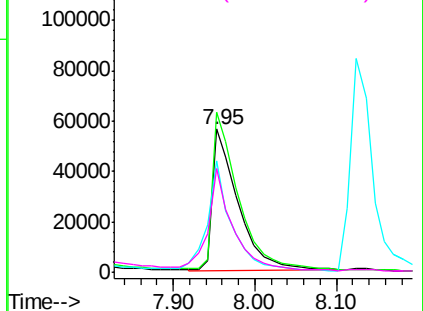
#17
2-Methylphenol
Concen: 53.01 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion:107 Resp: 123103
Ion Ratio Lower Upper
107 100
108 111.6 91.2 136.8
77 78.0 54.6 82.0
79 72.7 52.7 79.1

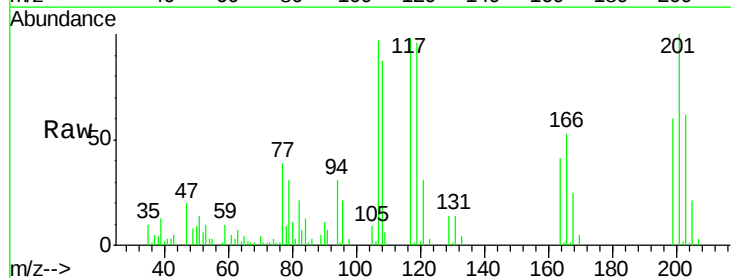


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

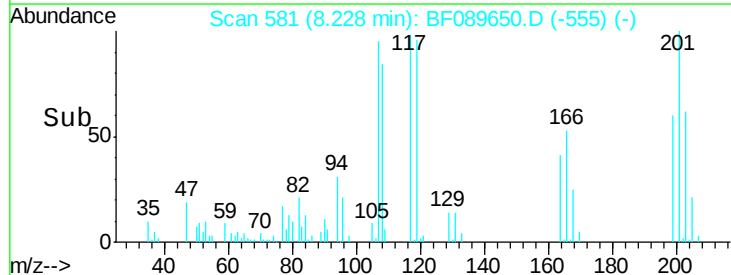
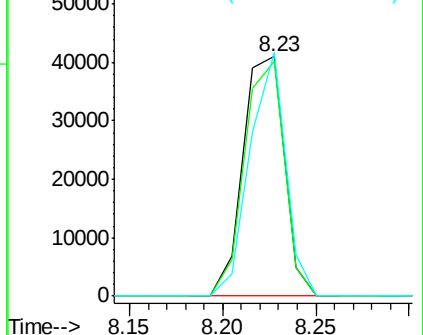


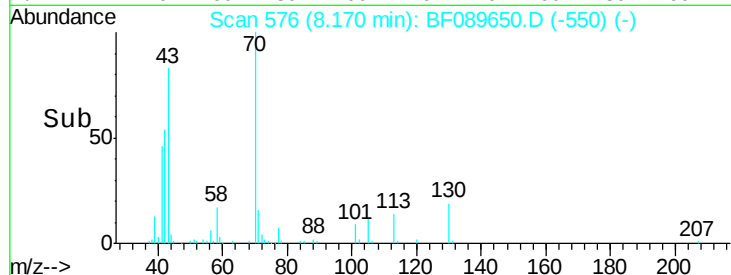
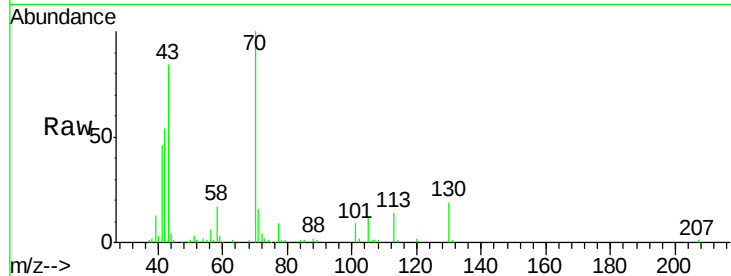
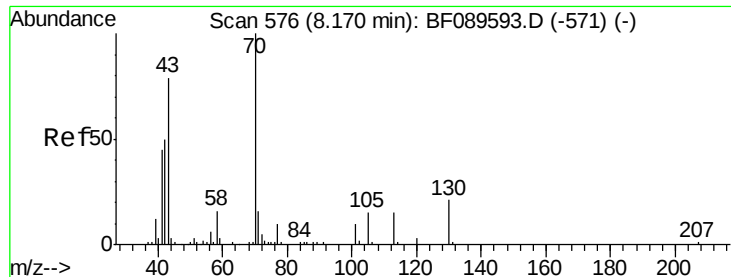
#18
Hexachloroethane
Concen: 42.91 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion:117 Resp: 62994
Ion Ratio Lower Upper
117 100
119 98.0 75.7 113.5
201 101.8 71.6 107.4



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

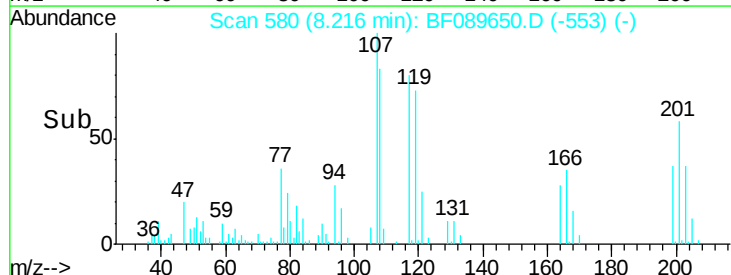
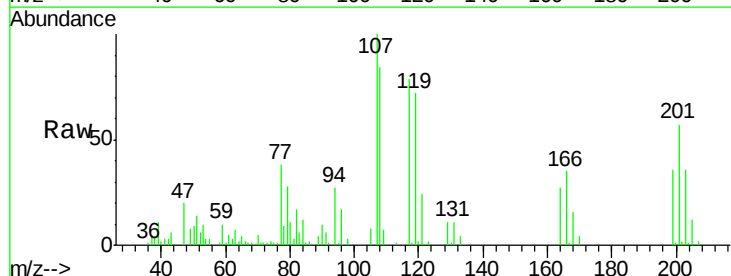
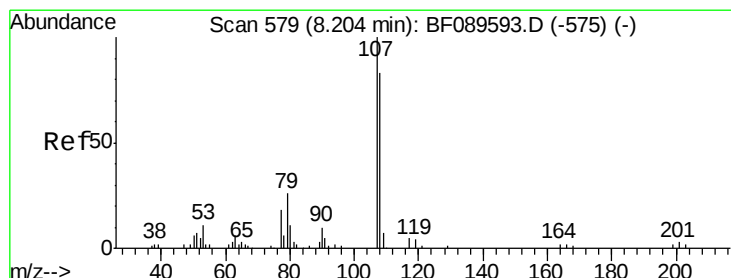
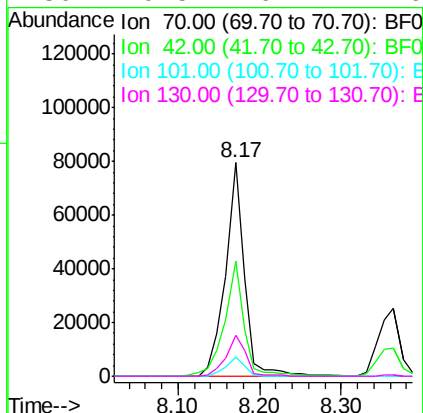




#19
n-Nitroso-di-n-propylamine
Concen: 49.68 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

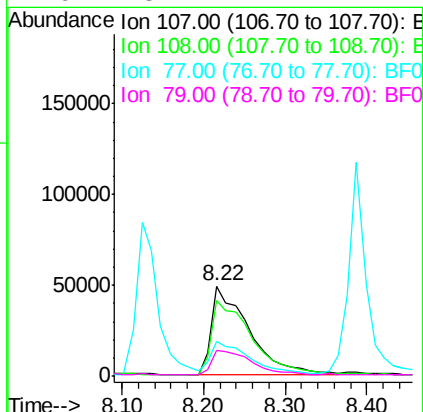
Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

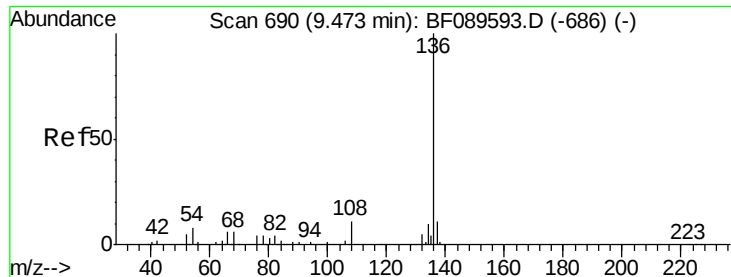
Tgt Ion:	70	Resp:	127532
Ion	Ratio	Lower	Upper
70	100		
42	54.1	40.2	60.2
101	9.3	7.8	11.6
130	19.5	16.4	24.6



#20
3+4-Methylphenols
Concen: 53.45 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion:	107	Resp:	156691
Ion	Ratio	Lower	Upper
107	100		
108	83.7	63.8	103.8
77	38.3	19.5	59.5
79	28.1	7.1	47.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

Tgt Ion:136 Resp: 181952

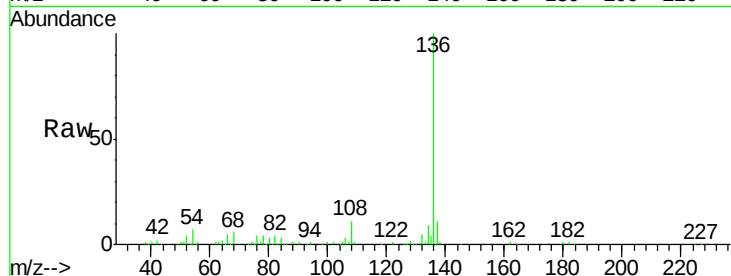
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 7.1 6.0 9.0

68 5.6 4.6 6.8

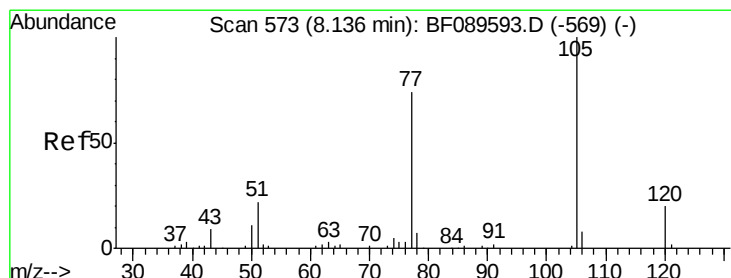
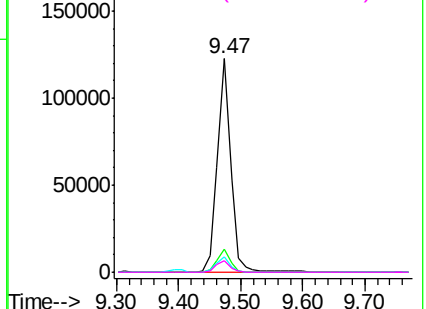
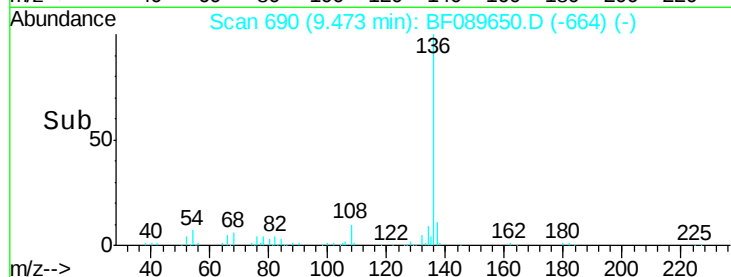


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.57 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Tgt Ion:105 Resp: 206320

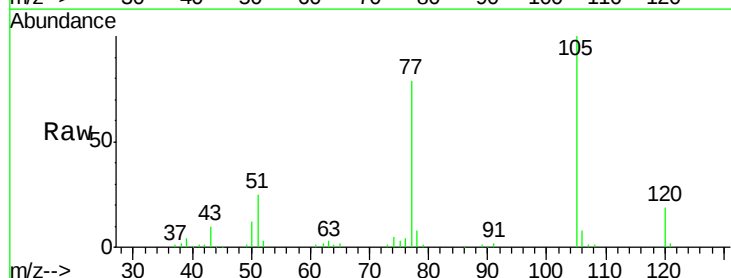
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.0 18.2 27.2

120 19.0 15.7 23.5

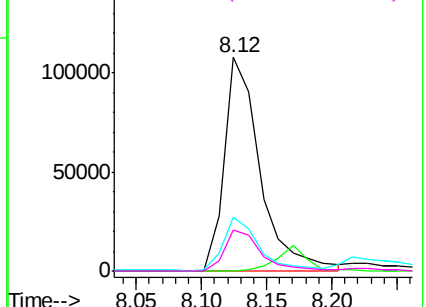
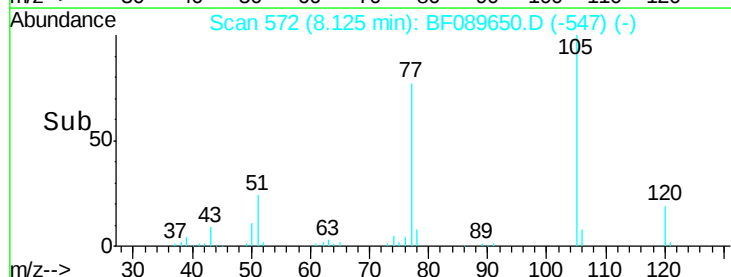


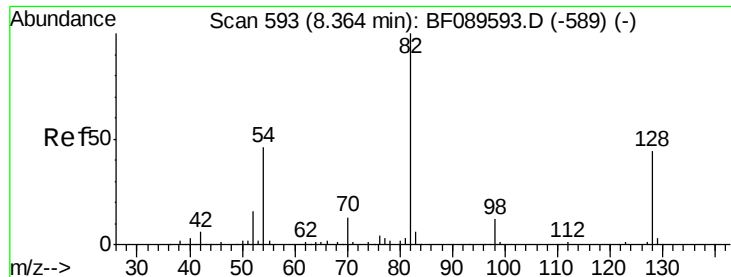
Abundance Ion 105.00 (104.70 to 105.70): E

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

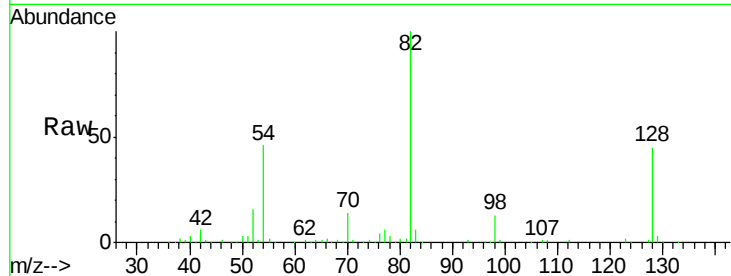




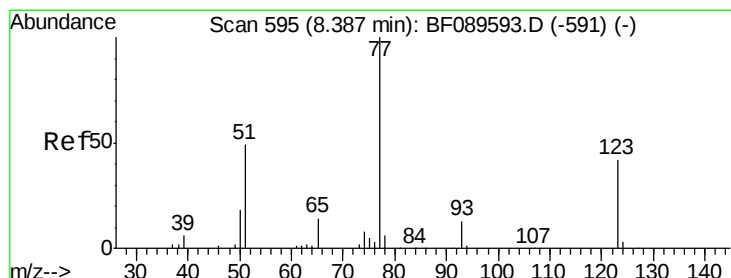
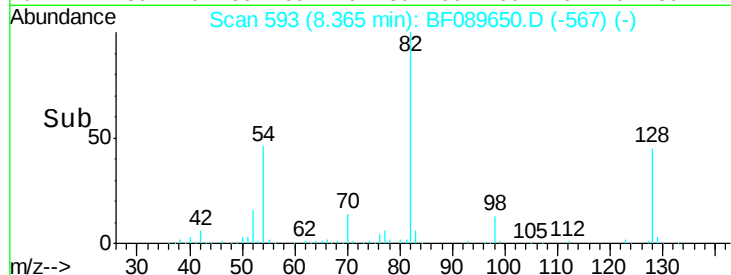
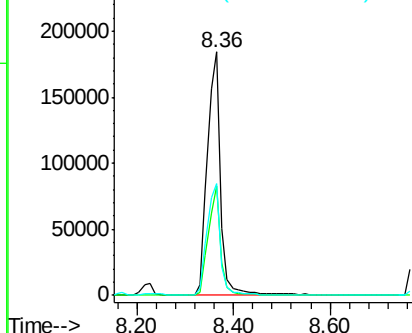
#23
 Nitrobenzene-d5
 Concen: 108.62 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion: 82 Resp: 357297
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.4 53.0
 54 45.8 36.4 54.6

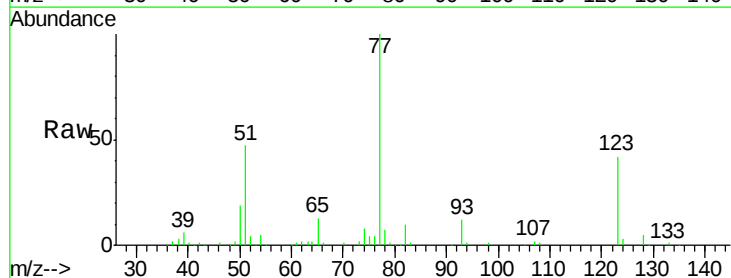


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

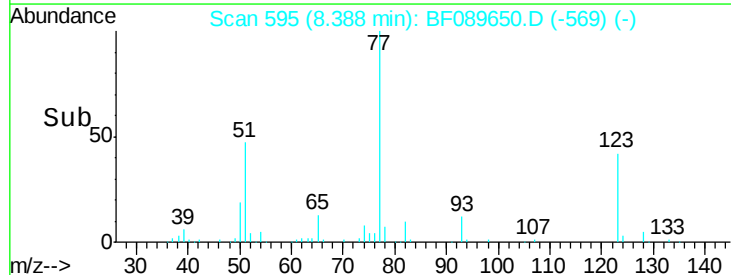
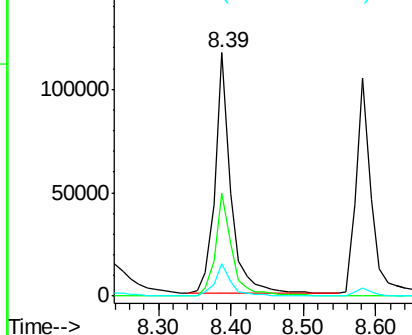


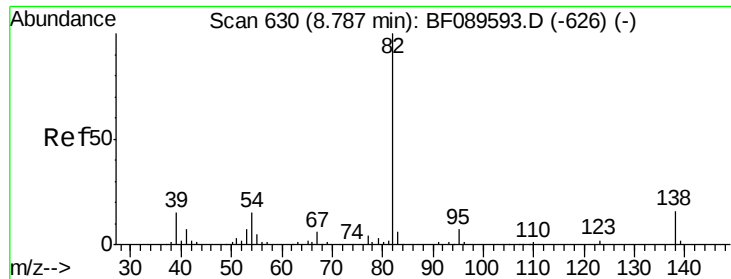
#24
 Nitrobenzene
 Concen: 57.01 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion: 77 Resp: 178137
 Ion Ratio Lower Upper
 77 100
 123 42.2 32.6 49.0
 65 13.2 11.0 16.6



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: 52.72 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VPMSD

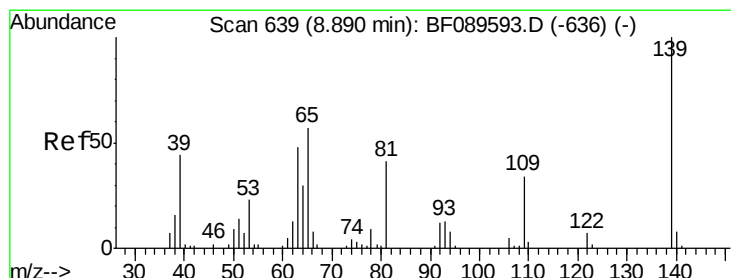
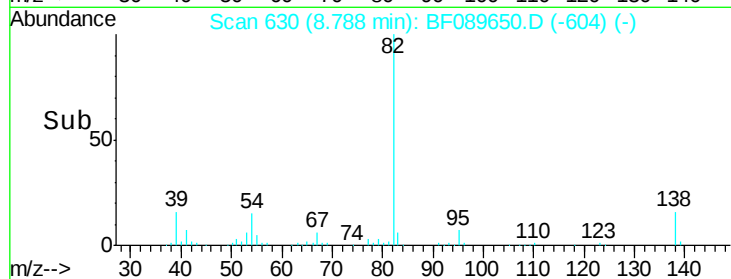
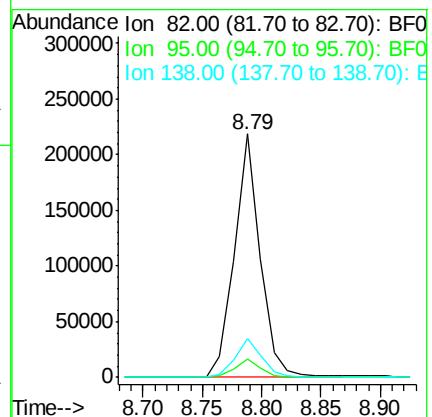
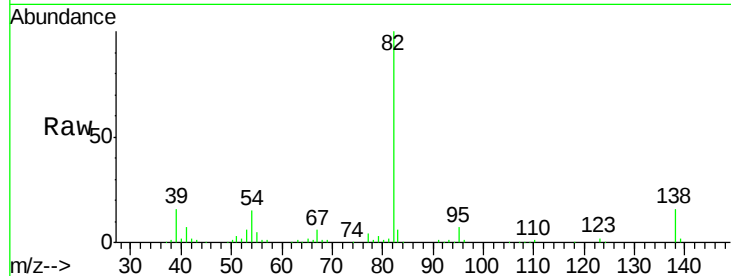
Tgt Ion: 82 Resp: 332076

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

138 15.8 12.6 18.8



#26

2-Nitrophenol

Concen: 56.69 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089650.D

Acq: 6 Aug 2016 4:43

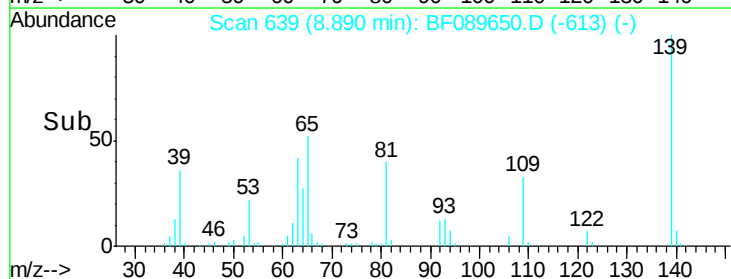
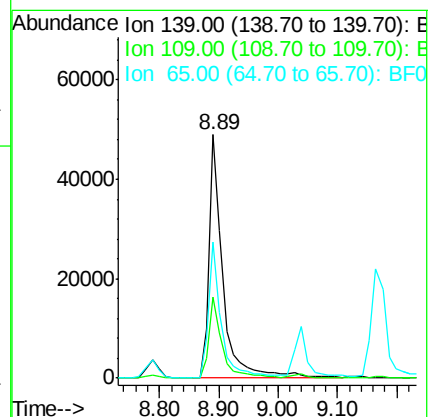
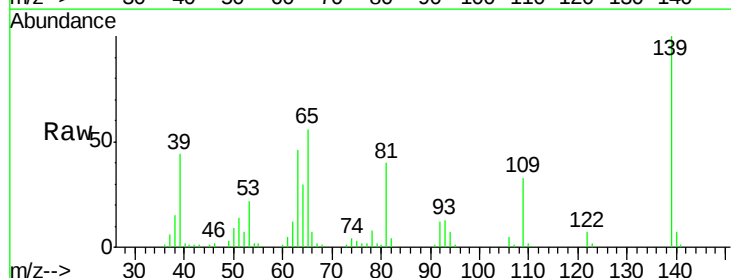
Tgt Ion: 139 Resp: 81291

Ion Ratio Lower Upper

139 100

109 33.2 27.5 41.3

65 55.8 45.7 68.5

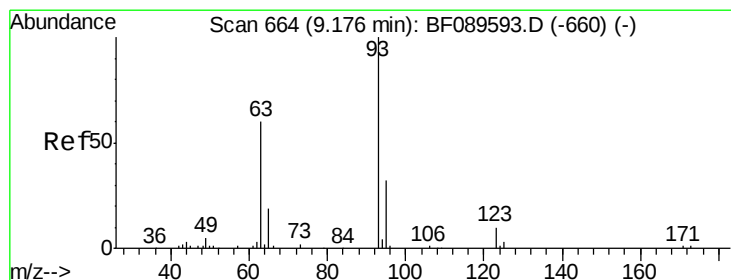
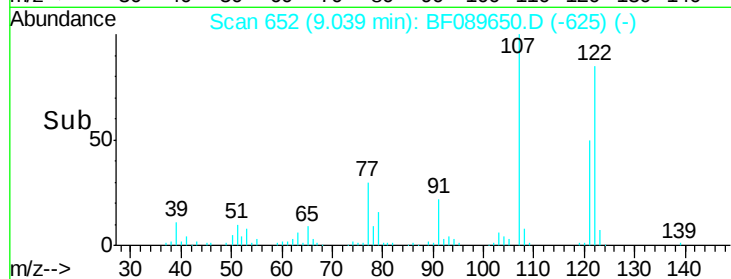
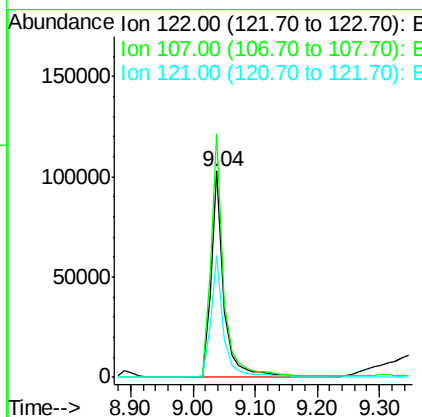
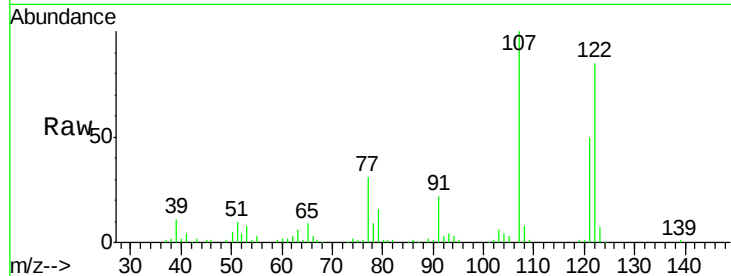




#27
 2,4-Dimethylphenol
 Concen: 56.80 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

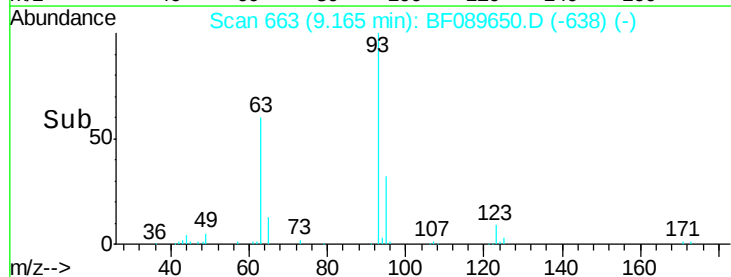
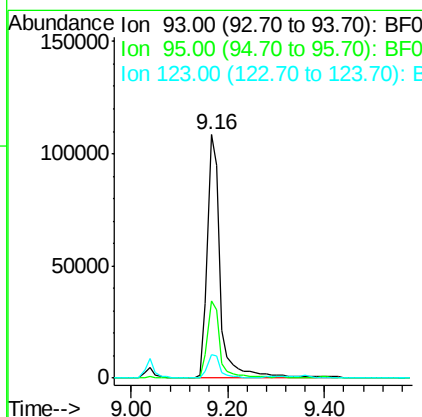
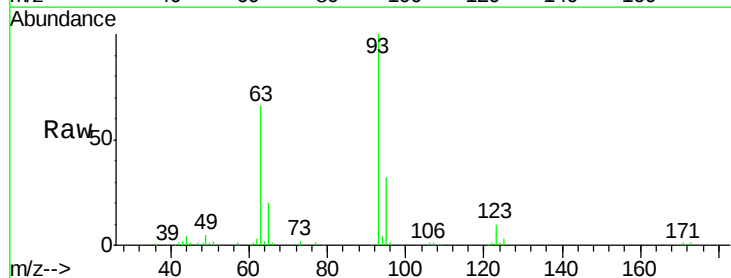
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

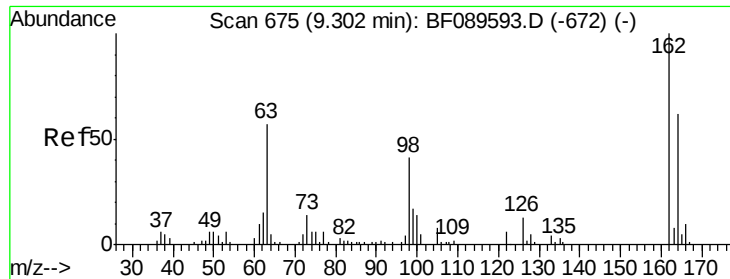
Tgt Ion:122 Resp: 146432
 Ion Ratio Lower Upper
 122 100
 107 118.0 99.5 149.3
 121 59.4 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.39 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion: 93 Resp: 207285
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.8 38.8
 123 9.6 8.0 12.0

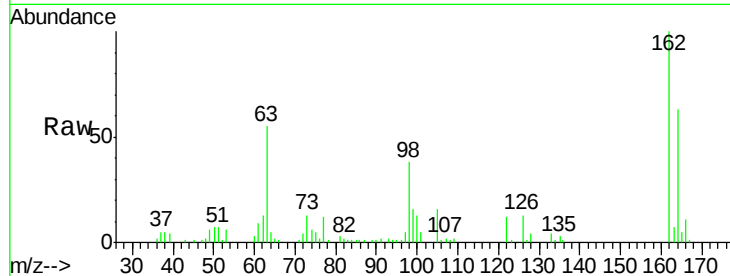




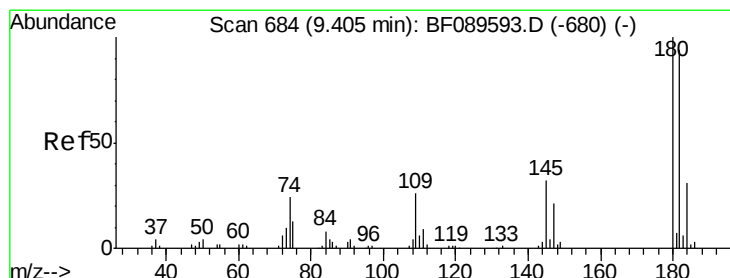
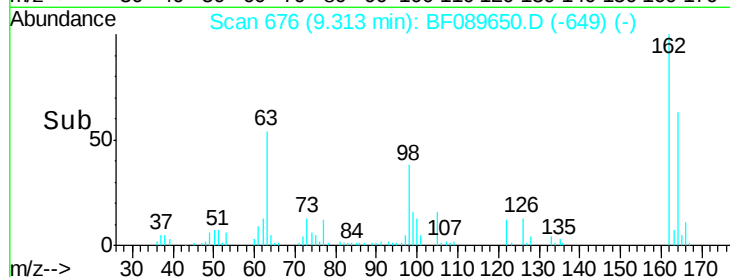
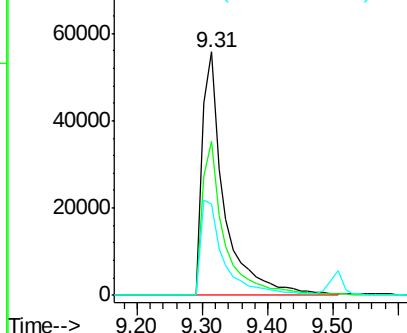
#29
 2,4-Dichlorophenol
 Concen: 53.16 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.3	82.3
98	37.8	21.2	61.2

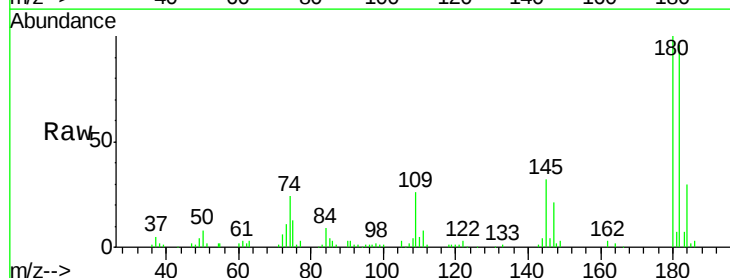


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

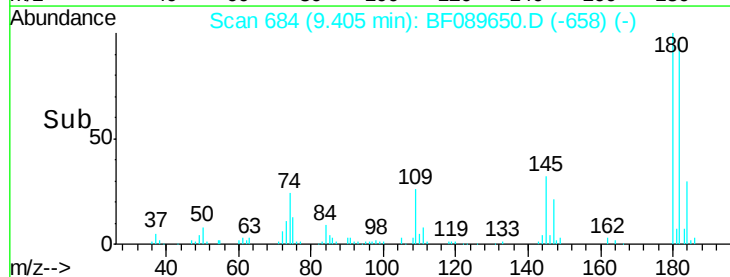
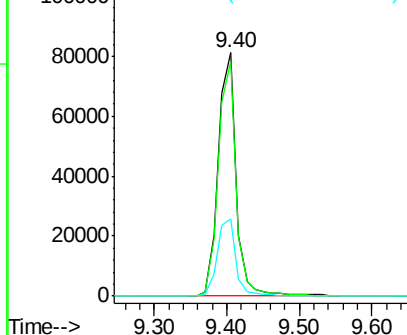


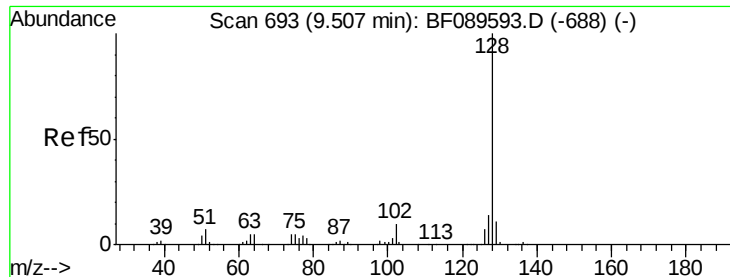
#30
 1,2,4-Trichlorobenzene
 Concen: 50.18 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
145	31.8	25.6	38.4



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

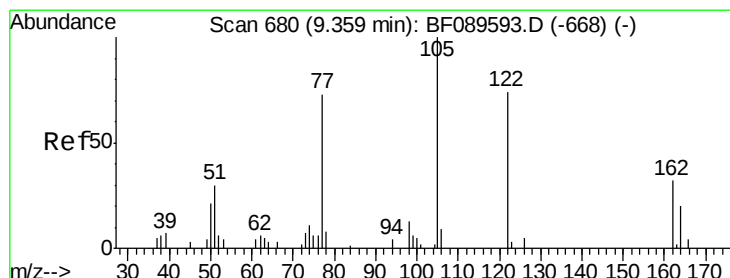
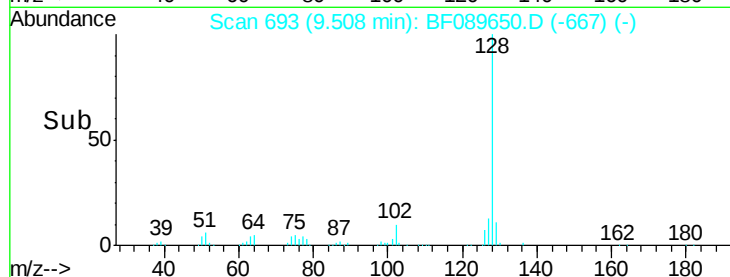
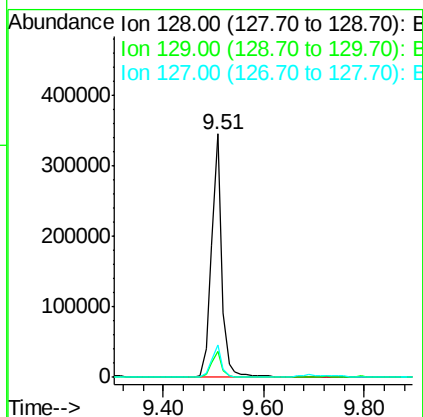
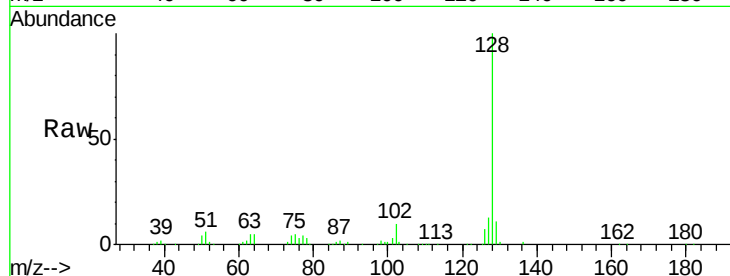




#31
Naphthalene
Concen: 51.05 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

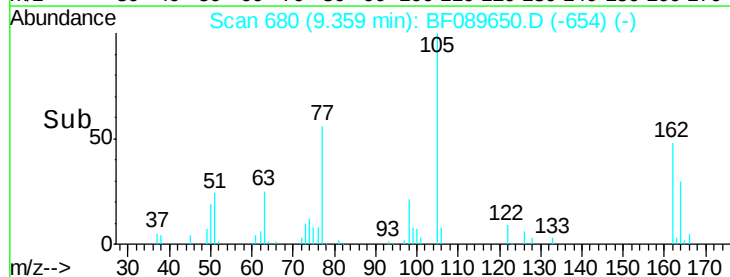
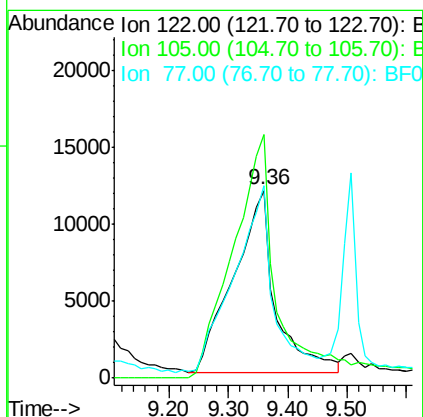
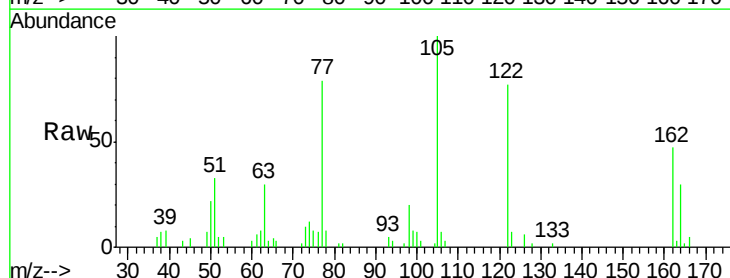
Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

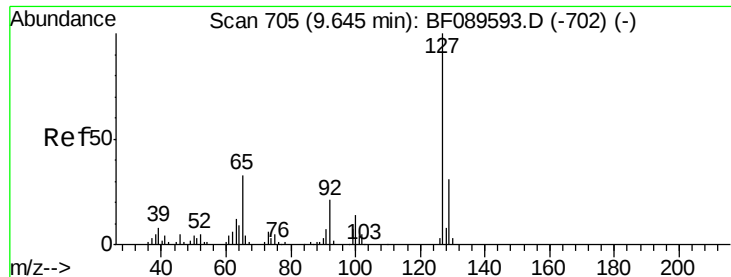
Tgt Ion:128 Resp: 493691
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 35.62 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion:122 Resp: 57687
Ion Ratio Lower Upper
122 100
105 129.9 109.9 149.9
77 102.5 77.5 117.5

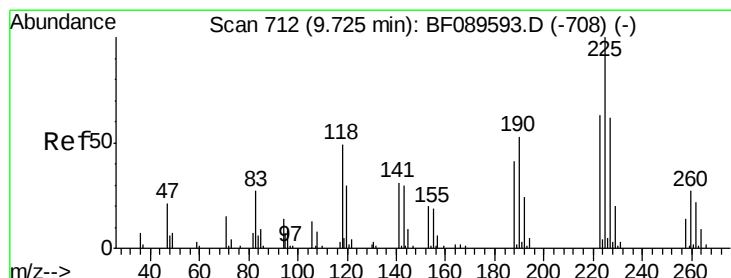
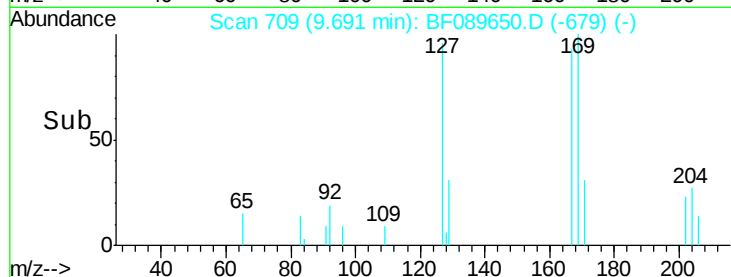
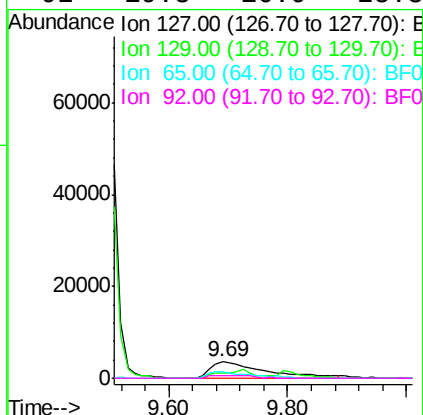
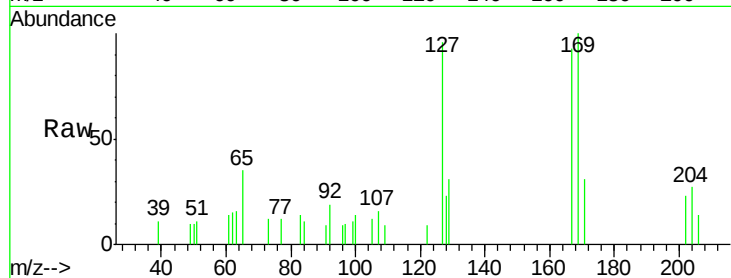




#33
4-Chloroaniline
Concen: 6.13 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.05 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

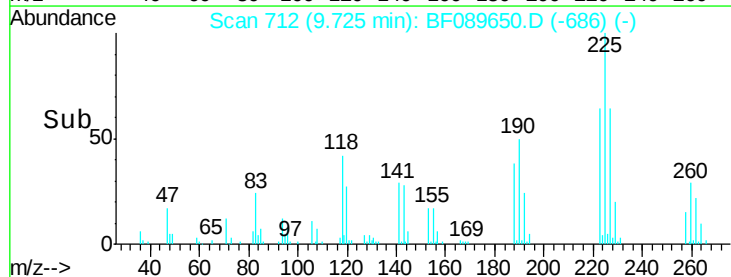
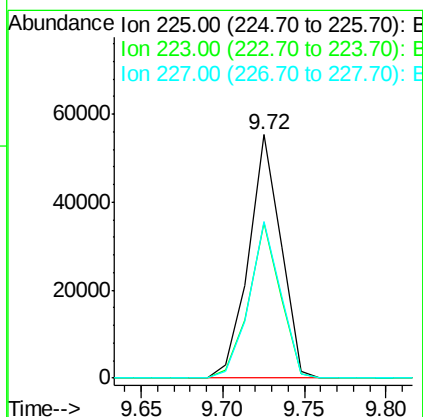
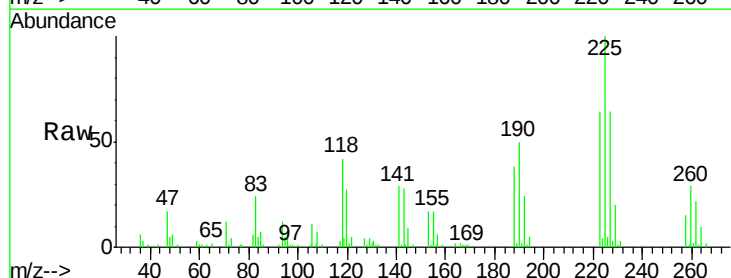
Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

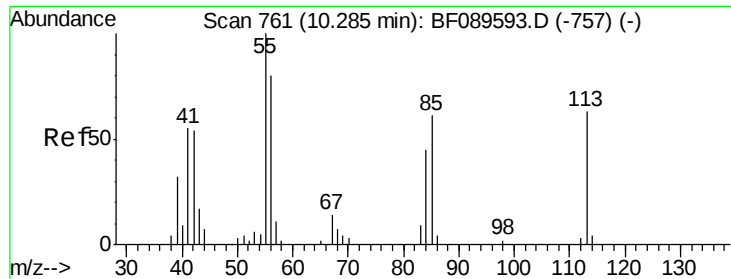
Tgt Ion:	127	Resp:	22248
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.1	37.7
65	36.7	26.2	39.2
92	19.8	16.9	25.3



#34
Hexachlorobutadiene
Concen: 47.34 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion:	225	Resp:	75939
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	64.2	49.4	74.0

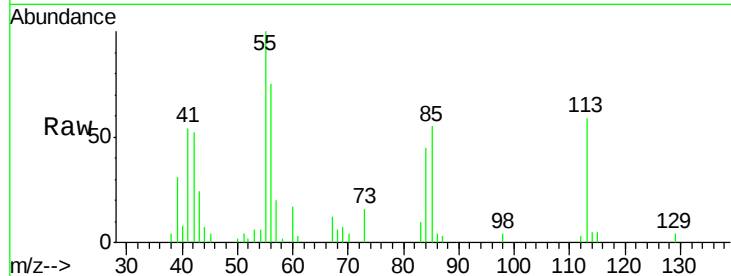




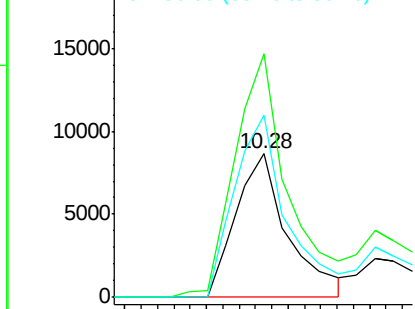
#35
 Caprolactam
 Concen: 26.91 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VPMSD

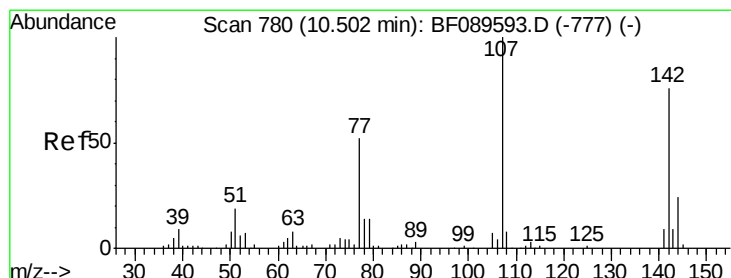
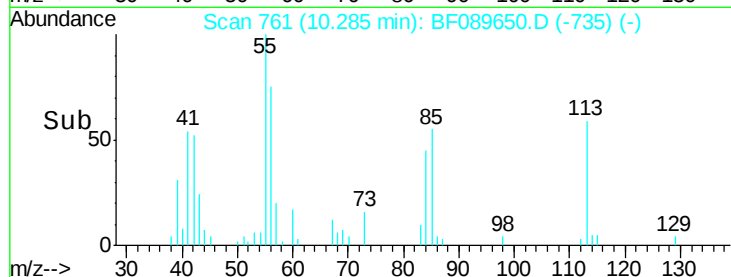
Tgt Ion:113 Resp: 19134
 Ion Ratio Lower Upper
 113 100
 55 169.9 139.6 179.6
 56 127.5 108.2 148.2



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

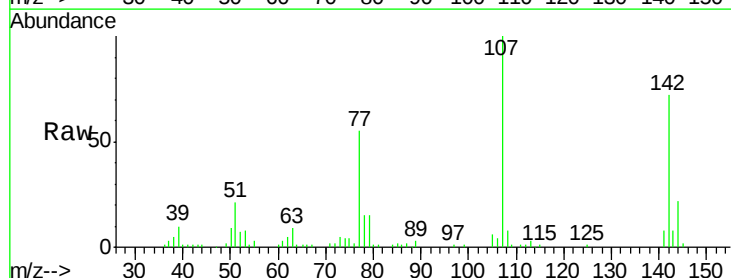


Time-->

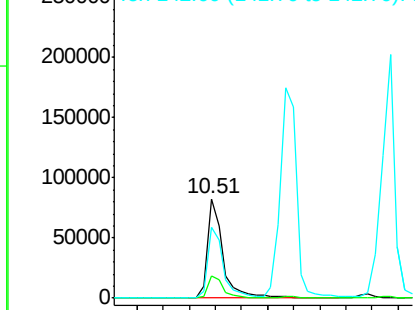


#36
 4-Chloro-3-methylphenol
 Concen: 48.96 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089650.D
 Acq: 6 Aug 2016 4:43

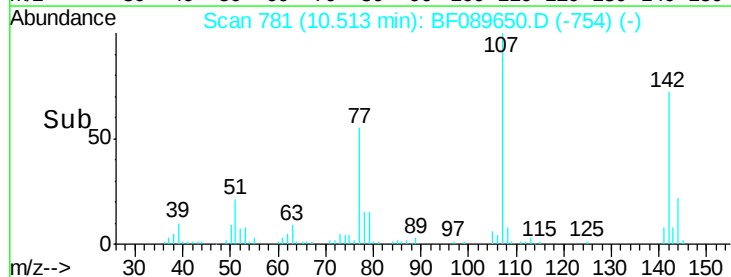
Tgt Ion:107 Resp: 138815
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.9 28.3
 142 72.1 60.4 90.6

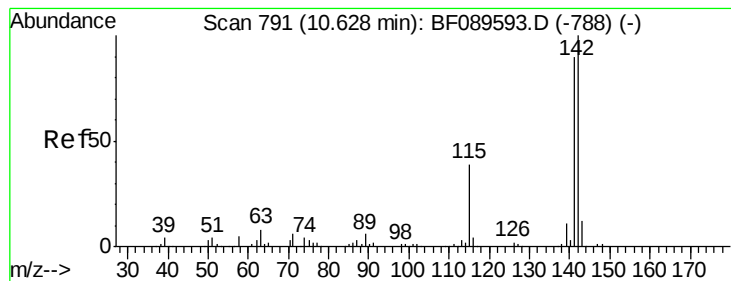


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->

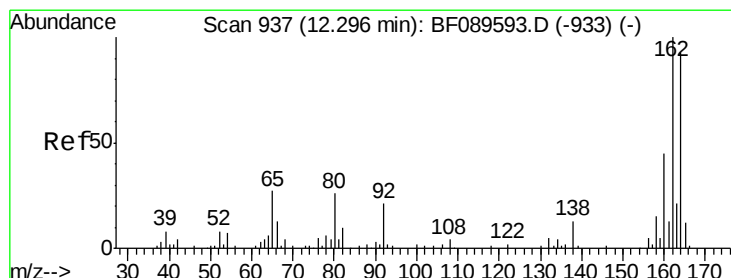
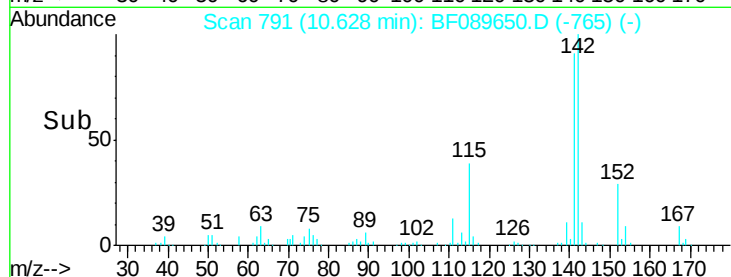
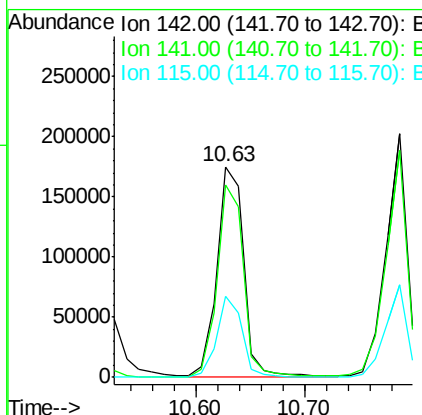
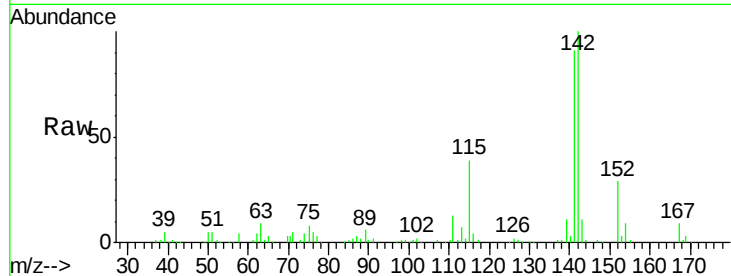




#37
2-Methylnaphthalene
Concen: 50.23 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Tgt Ion:142 Resp: 298733
Ion Ratio Lower Upper
142 100
141 90.9 71.8 107.6
115 38.6 31.0 46.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089650.D
Acq: 6 Aug 2016 4:43

Tgt Ion:164 Resp: 73808
Ion Ratio Lower Upper
164 100
162 106.7 85.7 128.5
160 47.0 38.2 57.4

