

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088706.D
 Acq On : 5 Jul 2016 16:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 06 01:32:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	97517	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	431089	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	202190	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	381639	20.00	ng	0.00
75) Chrysene-d12	13.92	240	264789	20.00	ng	0.00
86) Perylene-d12	15.30	264	234990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	511368	78.59	ng	0.00
7) Phenol-d6	6.41	99	649003	77.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	629869	76.57	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	168683	89.84	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1001433	78.24	ng	0.00
78) Terphenyl-d14	12.87	244	871973	73.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	114522	35.50	ng	# 37
3) Pyridine	3.00	79	332151	35.48	ng	93
4) n-Nitrosodimethylamine	2.97	42	122188	34.17	ng	84
6) Aniline	6.43	93	462389	37.74	ng	# 61
8) 2-Chlorophenol	6.56	128	270897	38.74	ng	100
9) Benzaldehyde	6.32	77	196574	34.52	ng	87
10) Phenol	6.43	94	342597	35.70	ng	# 39
11) bis(2-Chloroethyl)ether	6.51	93	258321	36.10	ng	93
12) 1,3-Dichlorobenzene	6.72	146	311005	40.41	ng	99
13) 1,4-Dichlorobenzene	6.80	146	321322	42.07	ng	99
14) 1,2-Dichlorobenzene	6.80	146	321322	44.94	ng	96
15) Benzyl Alcohol	6.92	79	253544	40.97	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	355978	34.35	ng	90
17) 2-Methylphenol	7.04	107	229198	40.18	ng	97
18) Hexachloroethane	7.29	117	118612	40.14	ng	# 84
19) n-Nitroso-di-n-propylamine	7.20	70	199269	35.28	ng	93
20) 3+4-Methylphenols	7.20	107	299105	43.68	ng	90
22) Acetophenone	7.19	105	401195	38.34	ng	# 85
24) Nitrobenzene	7.36	77	294159	35.47	ng	# 80
25) Isophorone	7.61	82	590199	38.73	ng	99
26) 2-Nitrophenol	7.68	139	146213	42.99	ng	95
27) 2,4-Dimethylphenol	7.72	122	272468	38.46	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	353951	35.69	ng	# 94
29) 2,4-Dichlorophenol	7.92	162	217169	37.93	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	262930	41.85	ng	98
31) Naphthalene	8.09	128	891237	41.94	ng	99
32) Benzoic acid	7.86	122	197598	38.42	ng	93
33) 4-Chloroaniline	8.14	127	390939	41.34	ng	99
34) Hexachlorobutadiene	8.20	225	133331	39.63	ng	99
35) Caprolactam	8.51	113	79841	41.06	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	257775	38.08	ng	89
37) 2-Methylnaphthalene	8.78	142	559404	40.88	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	293606	43.66	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	129505	39.23	ng	98

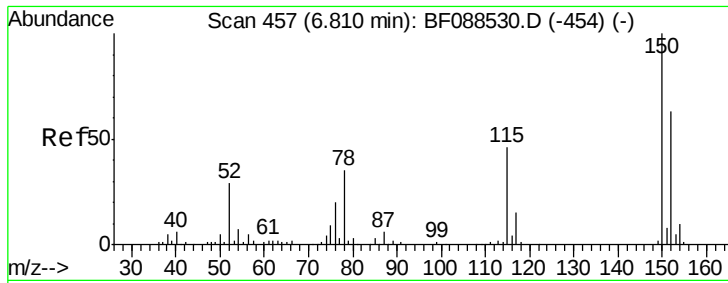
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088706.D
 Acq On : 5 Jul 2016 16:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 06 01:32:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	160675	36.24	ng	96
43) 2,4,5-Trichlorophenol	9.10	196	170560	44.71	ng	99
45) 1,1'-Biphenyl	9.24	154	707626	42.26	ng	97
46) 2-Chloronaphthalene	9.27	162	541164	41.17	ng	94
47) 2-Nitroaniline	9.36	65	199728	42.82	ng	89
48) Acenaphthylene	9.68	152	887959	42.46	ng	99
49) Dimethylphthalate	9.54	163	529941	36.79	ng	99
50) 2,6-Dinitrotoluene	9.60	165	118541	37.13	ng	# 47
51) Acenaphthene	9.85	154	550737	42.96	ng	98
52) 3-Nitroaniline	9.77	138	175046	43.13	ng	99
53) 2,4-Dinitrophenol	9.87	184	70094	49.73	ng	# 90
54) Dibenzofuran	10.02	168	703984	41.96	ng	96
55) 4-Nitrophenol	9.93	139	137287	44.51	ng	# 86
56) 2,4-Dinitrotoluene	10.00	165	152726	36.59	ng	# 51
57) Fluorene	10.35	166	511145	39.53	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126264	42.78	ng	# 49
59) Diethylphthalate	10.24	149	553983	38.32	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	238599	39.71	ng	96
61) 4-Nitroaniline	10.38	138	140517	35.98	ng	84
62) Azobenzene	10.51	77	663461	40.24	ng	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	98872	48.44	ng	# 79
65) n-Nitrosodiphenylamine	10.47	169	490267	37.96	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	162334	42.21	ng	95
67) Hexachlorobenzene	10.90	284	157236	36.93	ng	94
68) Atrazine	11.00	200	171023	42.49	ng	96
69) Pentachlorophenol	11.10	266	99328	39.42	ng	97
70) Phenanthrene	11.31	178	743465	35.64	ng	99
71) Anthracene	11.37	178	838475	40.42	ng	98
72) Carbazole	11.52	167	724425	37.10	ng	99
73) Di-n-butylphthalate	11.86	149	954055	42.01	ng	99
74) Fluoranthene	12.49	202	743136	35.14	ng	96
76) Benzidine	12.62	184	511627	38.23	ng	99
77) Pyrene	12.72	202	768145	34.21	ng	100
79) Butylbenzylphthalate	13.35	149	385087	38.45	ng	# 84
80) Benzo(a)anthracene	13.91	228	640751	37.58	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	254389	39.68	ng	# 99
82) Chrysene	13.94	228	603321	35.77	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	478226	41.83	ng	98
84) Di-n-octyl phthalate	14.51	149	875465	45.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	493510	38.03	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1087041	73.74	ng	# 96
88) Benzo(k)fluoranthene	14.91	252	1087041	84.71	ng	98
89) Benzo(a)pyrene	15.25	252	494380	39.61	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	420581	40.36	ng	99
91) Benzo(g,h,i)perylene	17.04	276	426526	39.55	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

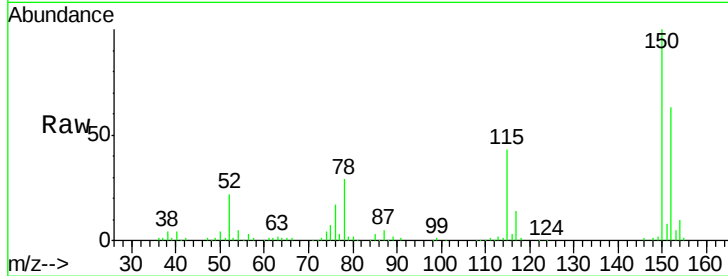
Tgt Ion:152 Resp: 97517

Ion Ratio Lower Upper

152 100

150 157.9 123.8 185.6

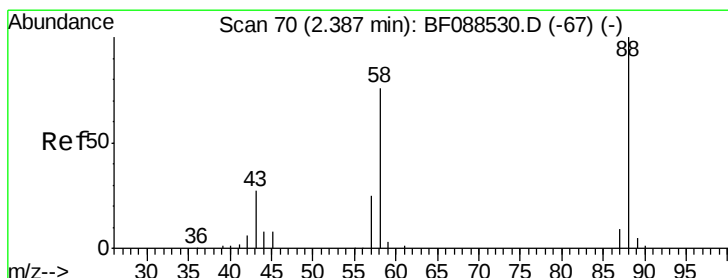
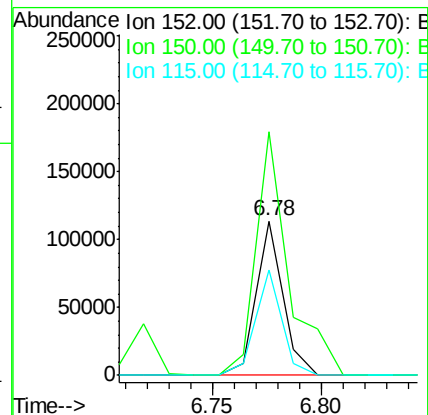
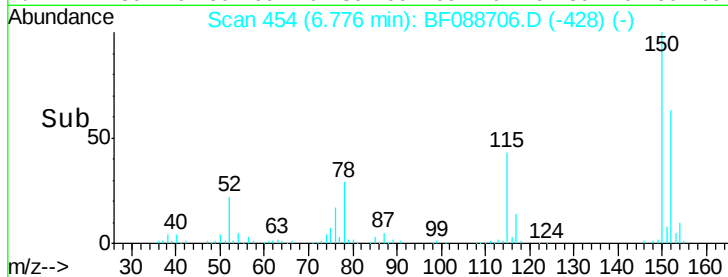
115 68.6 39.6 59.4#



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: 35.50 ng

RT: 2.33 min Scan# 65

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

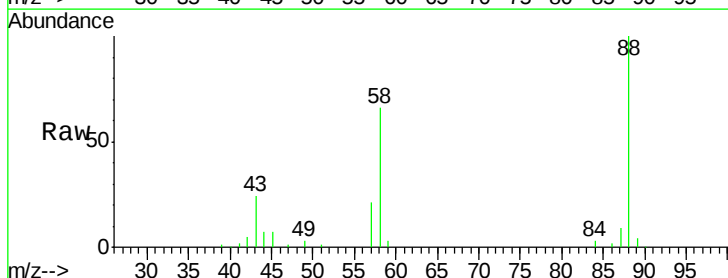
Tgt Ion: 88 Resp: 114522

Ion Ratio Lower Upper

88 100

58 67.6 0.0 0.0#

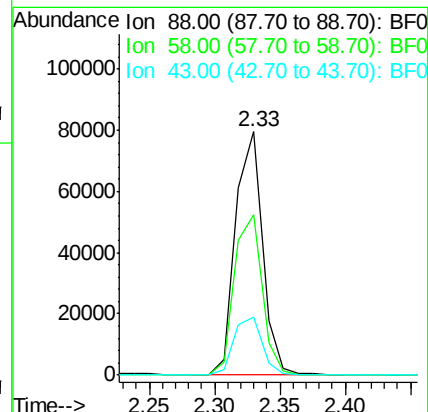
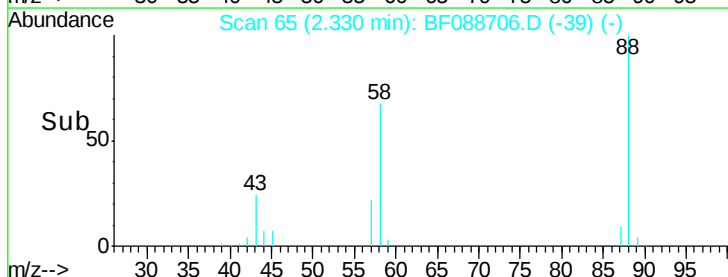
43 25.1 3.4 5.2#

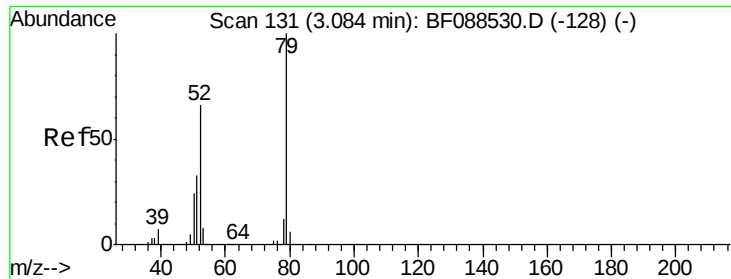


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.48 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

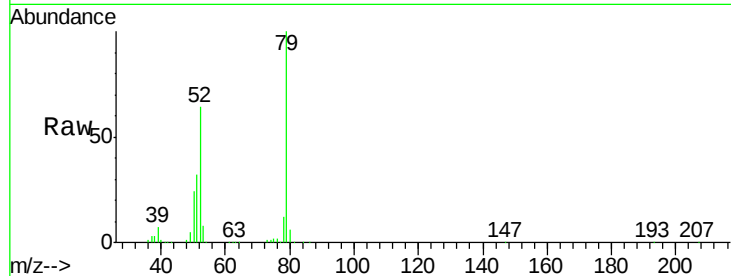
Tgt Ion: 79 Resp: 332151

Ion Ratio Lower Upper

79 100

52 63.9 56.3 84.5

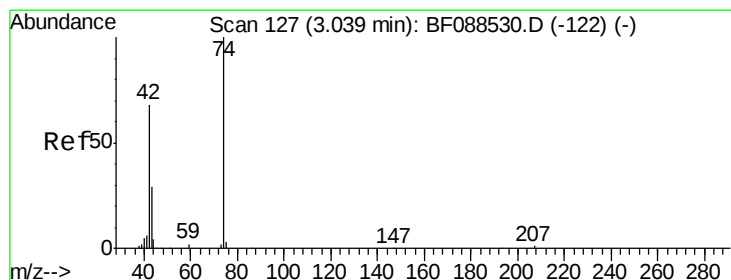
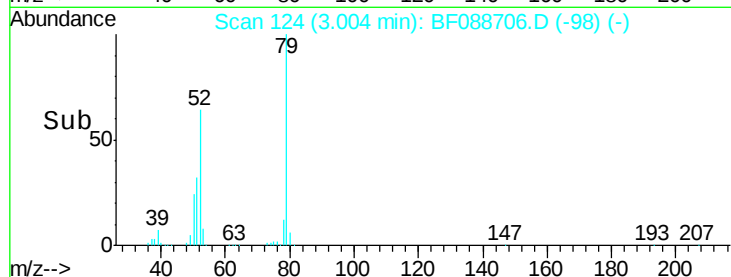
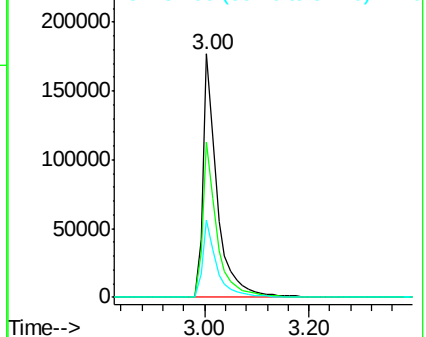
51 31.8 27.4 41.2



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: 34.17 ng

RT: 2.97 min Scan# 121

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

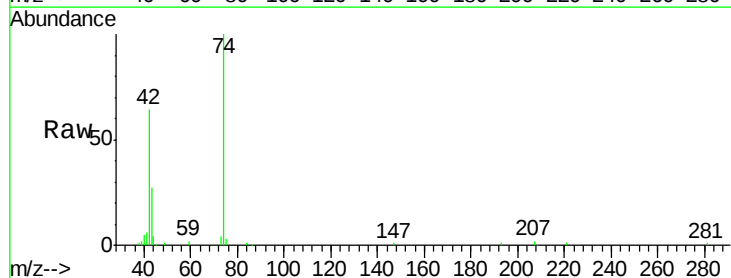
Tgt Ion: 42 Resp: 122188

Ion Ratio Lower Upper

42 100

74 155.7 108.6 163.0

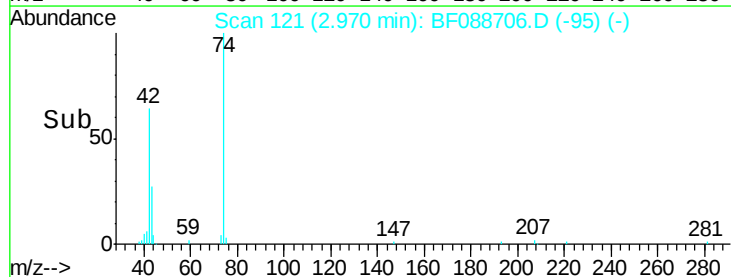
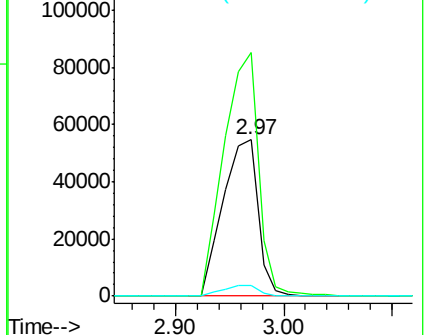
44 6.8 5.5 8.3



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: 78.59 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

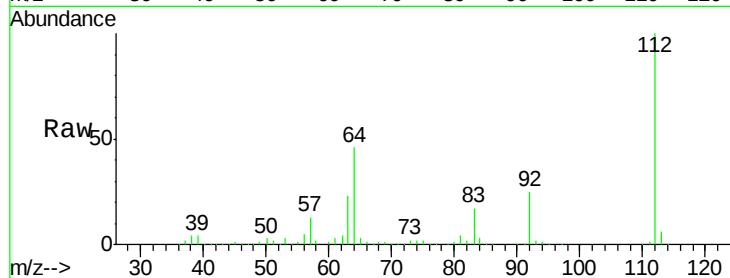
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

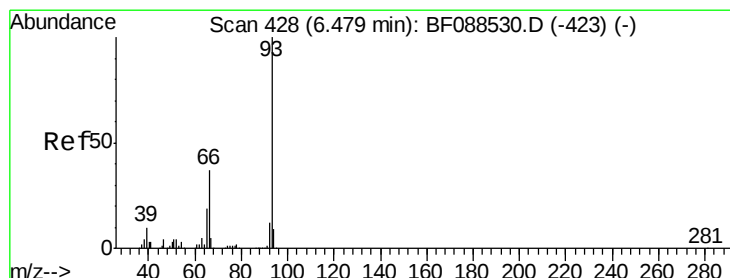
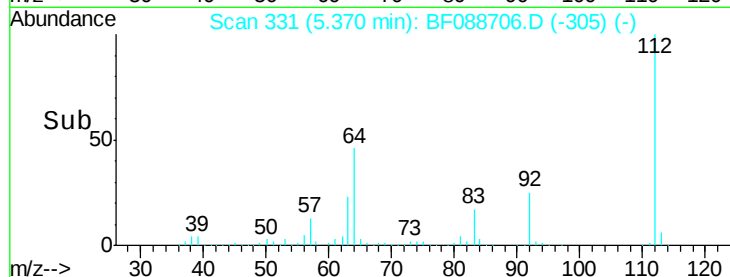
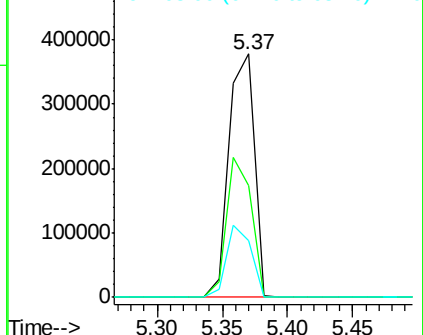
Tgt Ion:	112	Resp:	511368
Ion	Ratio	Lower	Upper
112	100		
64	46.0	42.2	63.2
63	23.5	21.8	32.8



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: 37.74 ng

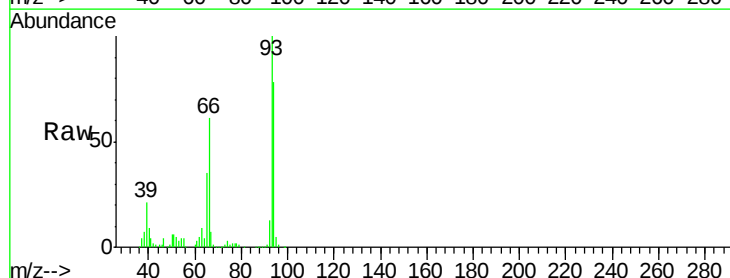
RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

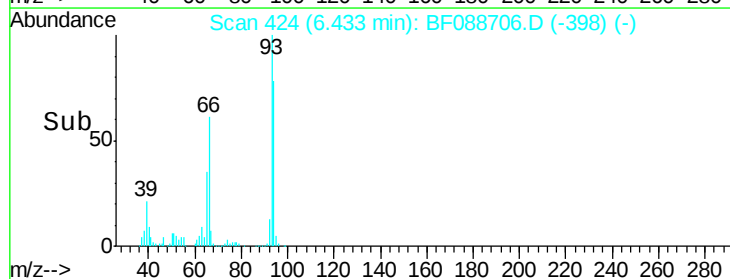
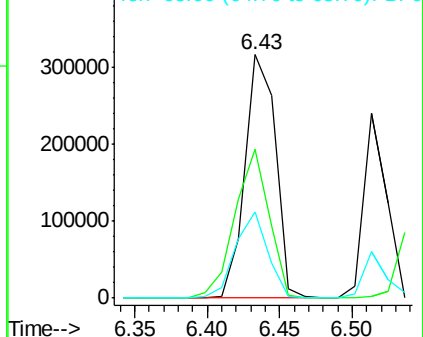
Tgt Ion:	93	Resp:	462389
Ion	Ratio	Lower	Upper
93	100		
66	61.1	29.8	44.8#
65	35.4	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.19 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

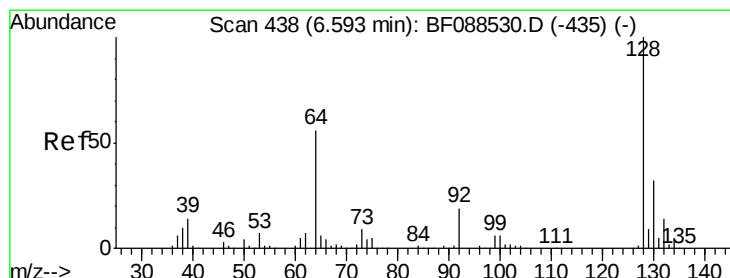
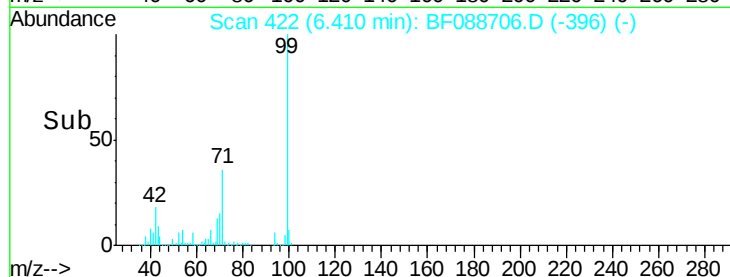
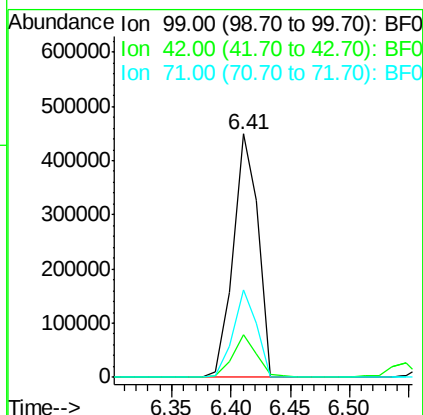
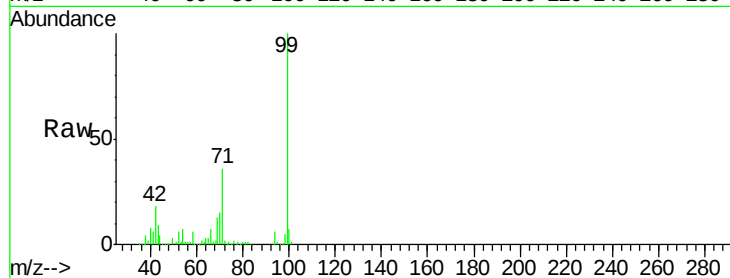
Tgt Ion: 99 Resp: 649003

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 36.0 23.4 35.0#



#8

2-Chlorophenol

Concen: 38.74 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

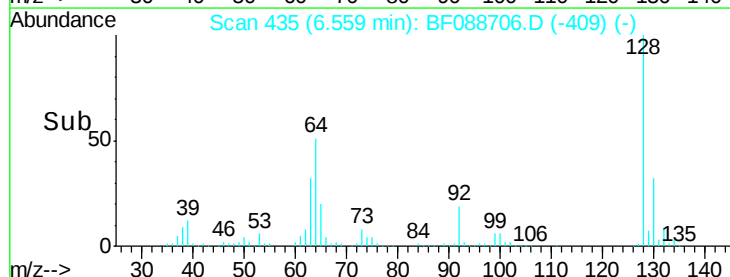
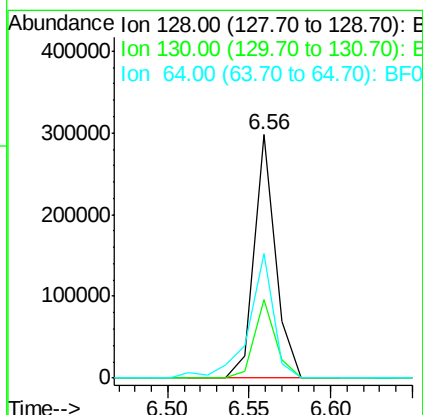
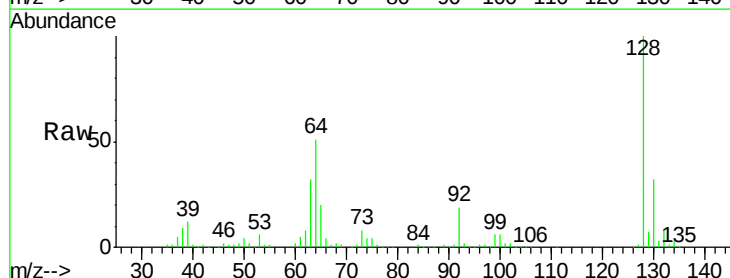
Tgt Ion: 128 Resp: 270897

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 50.9 30.8 70.8





#9

Benzaldehyde

Concen: 34.52 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

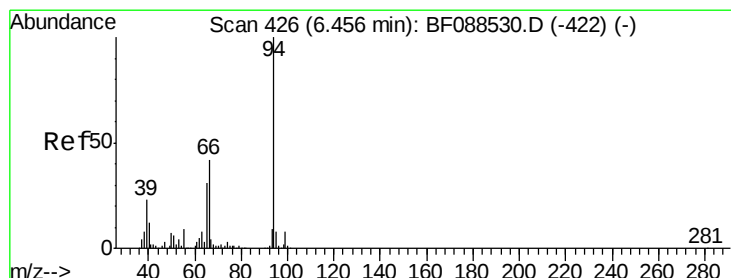
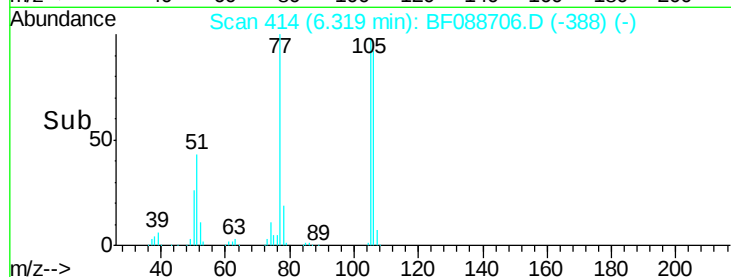
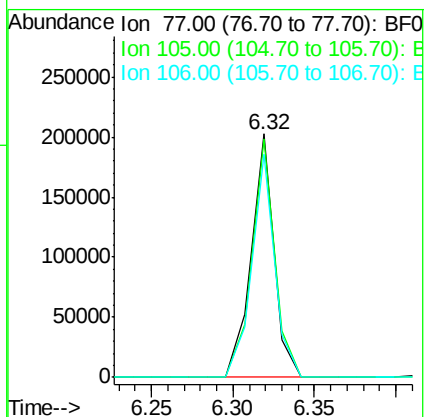
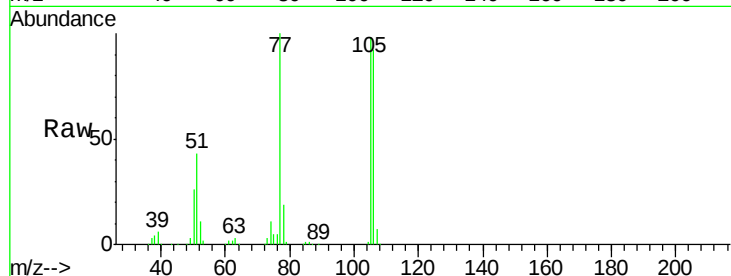
Tgt Ion: 77 Resp: 196574

Ion Ratio Lower Upper

77 100

105 98.0 90.6 130.6

106 91.5 85.3 125.3



#10

Phenol

Concen: 35.70 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

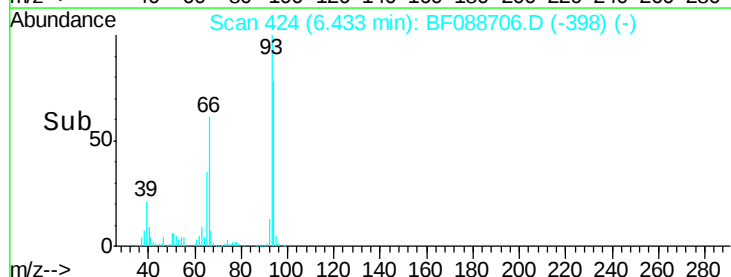
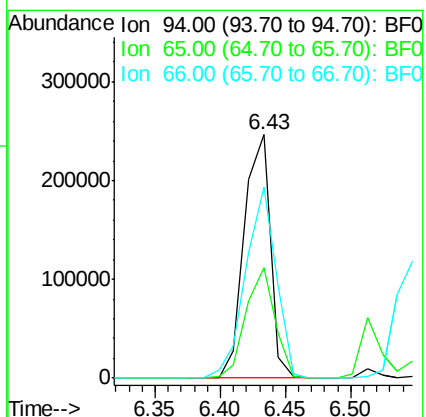
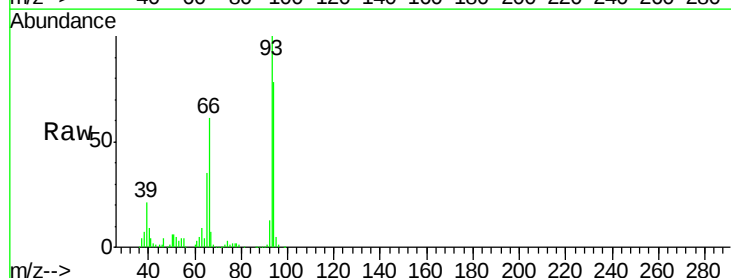
Tgt Ion: 94 Resp: 342597

Ion Ratio Lower Upper

94 100

65 45.4 5.9 45.9

66 78.5 14.0 54.0#

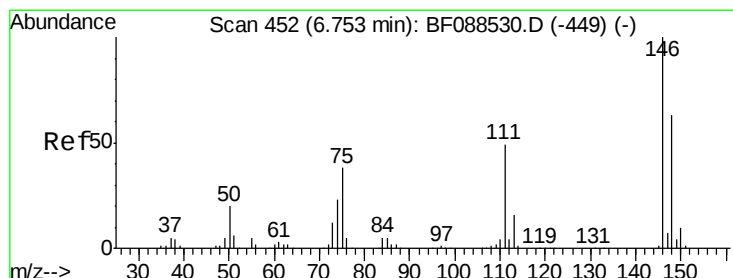
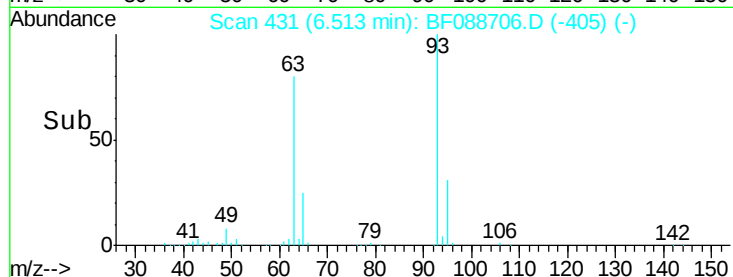
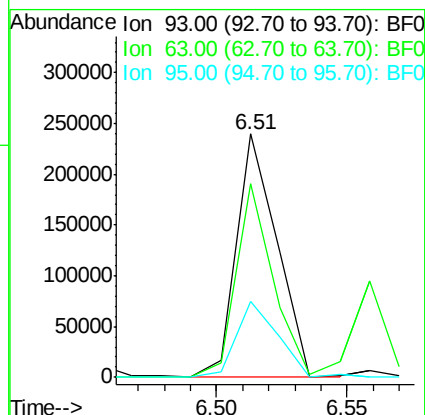
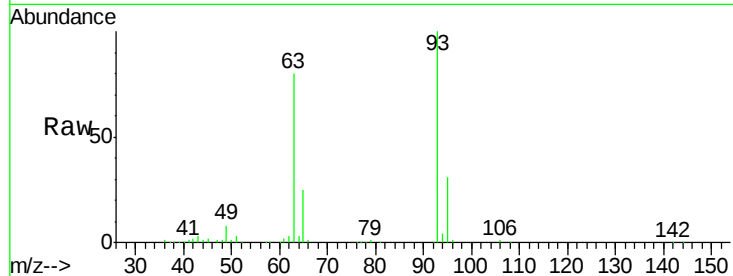




#11
bis(2-Chloroethyl)ether
Concen: 36.10 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

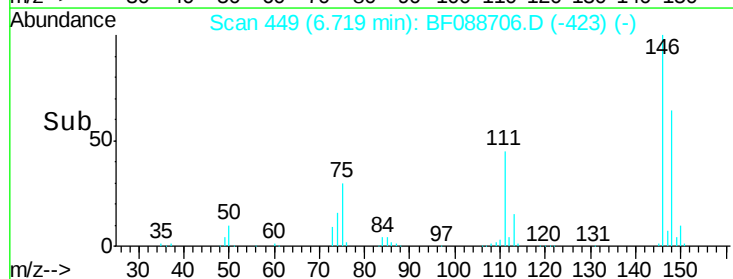
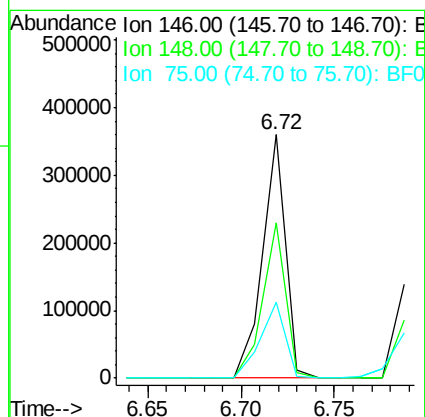
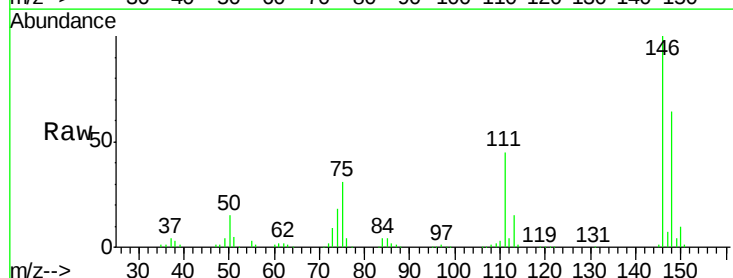
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

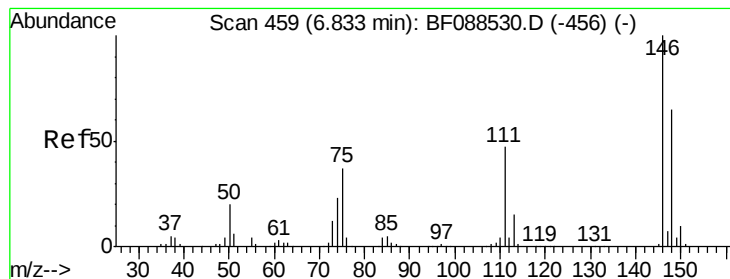
Tgt Ion: 93 Resp: 258321
Ion Ratio Lower Upper
93 100
63 79.7 67.6 107.6
95 31.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.41 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Tgt Ion: 146 Resp: 311005
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 31.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.07 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

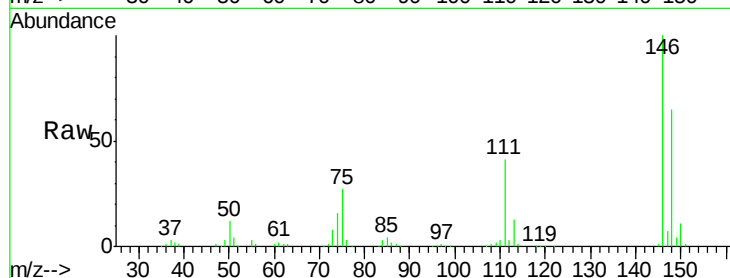
Tgt Ion:146 Resp: 321322

Ion Ratio Lower Upper

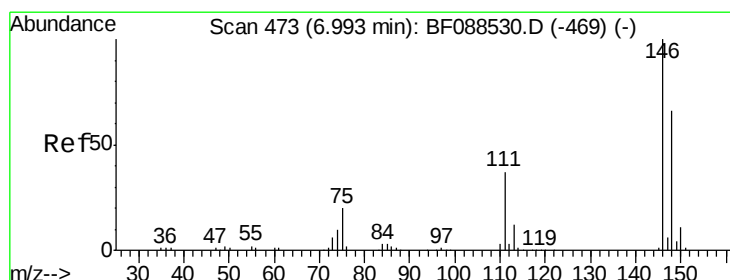
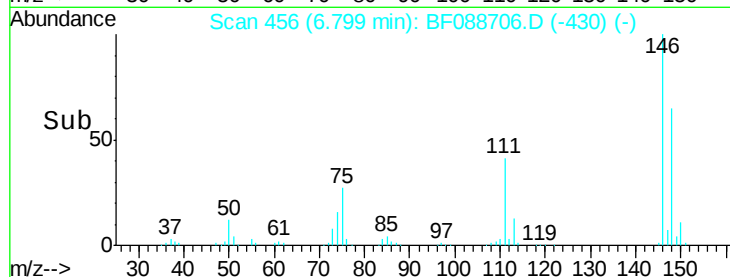
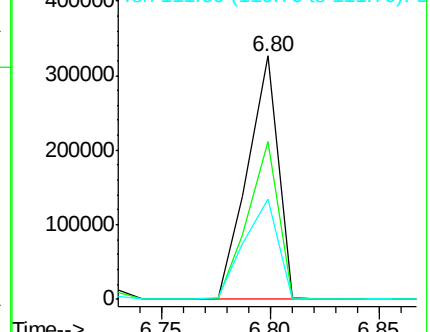
146 100

148 64.9 52.0 78.0

111 41.0 33.8 50.8



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: 44.94 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.15 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

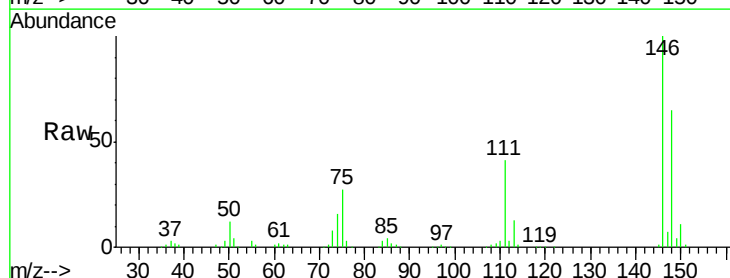
Tgt Ion:146 Resp: 321322

Ion Ratio Lower Upper

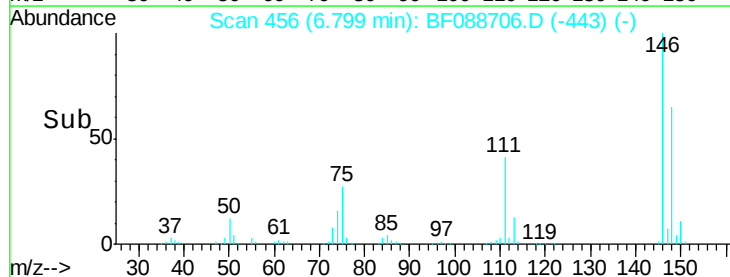
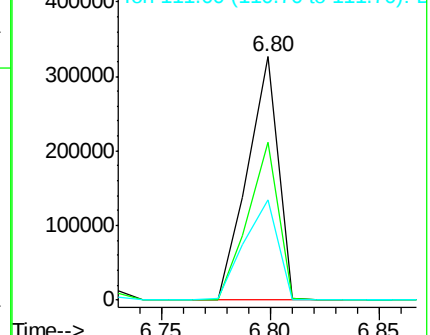
146 100

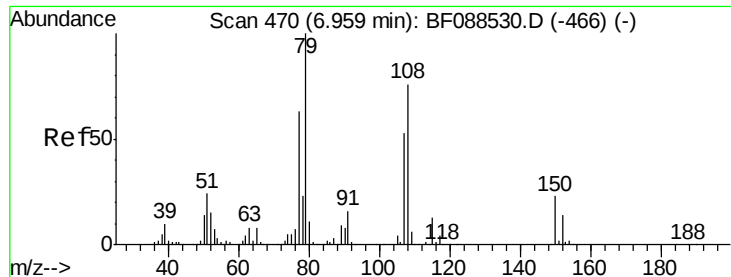
148 64.9 52.3 78.5

111 41.0 28.7 43.1



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: 40.97 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

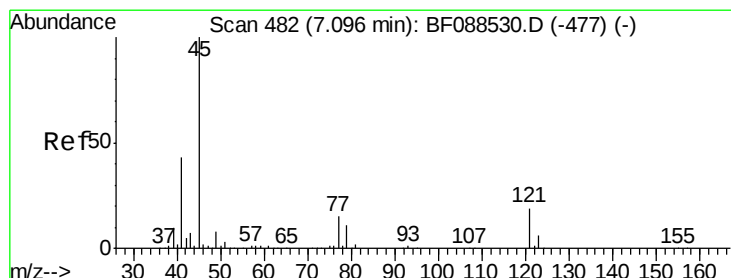
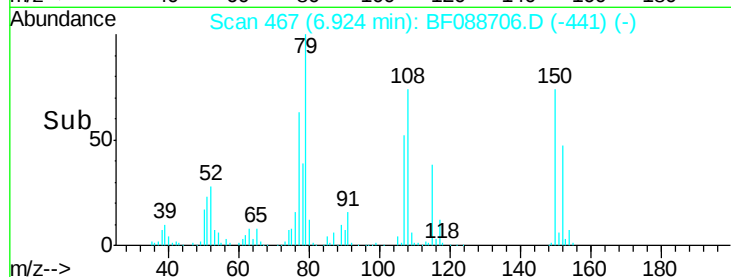
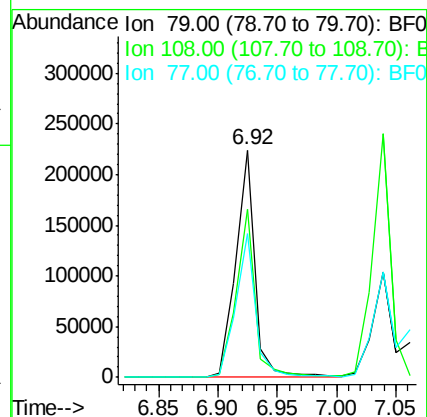
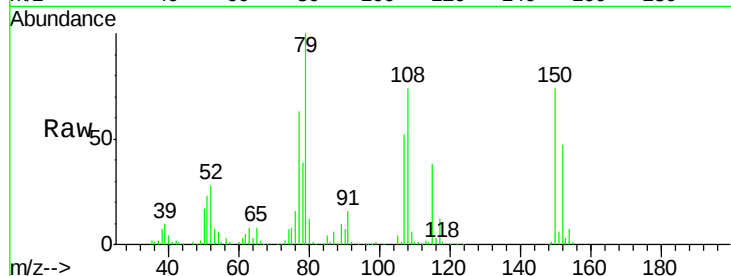
Tgt Ion: 79 Resp: 253544

Ion Ratio Lower Upper

79 100

108 74.2 65.0 97.6

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.35 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

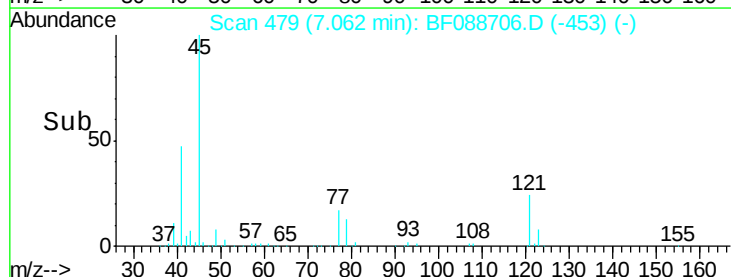
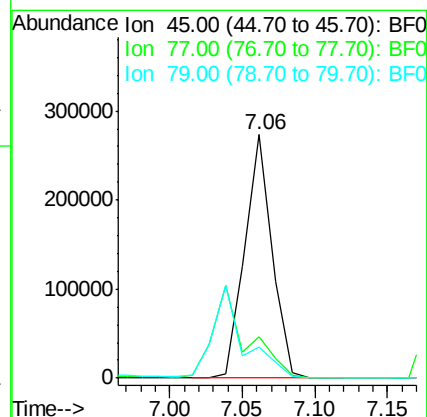
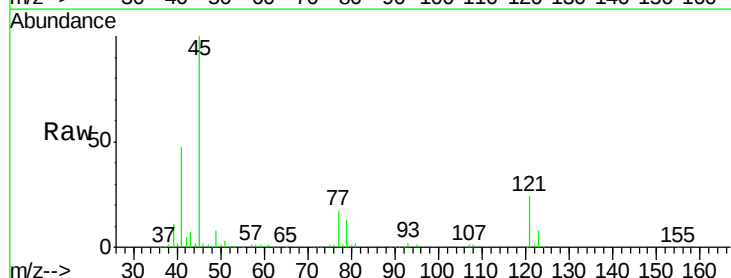
Tgt Ion: 45 Resp: 355978

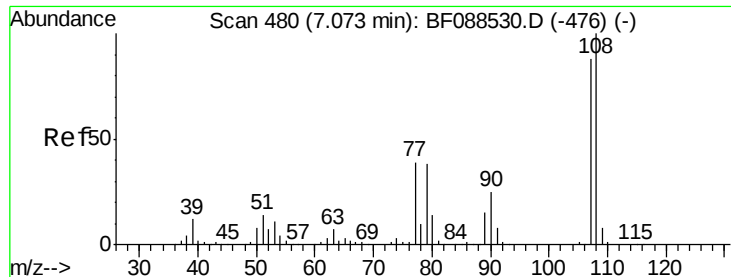
Ion Ratio Lower Upper

45 100

77 17.0 0.0 32.5

79 12.7 0.0 29.5

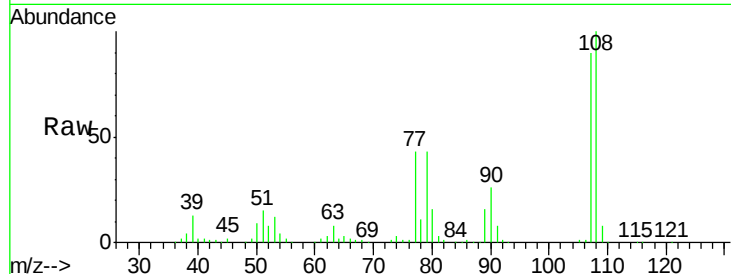




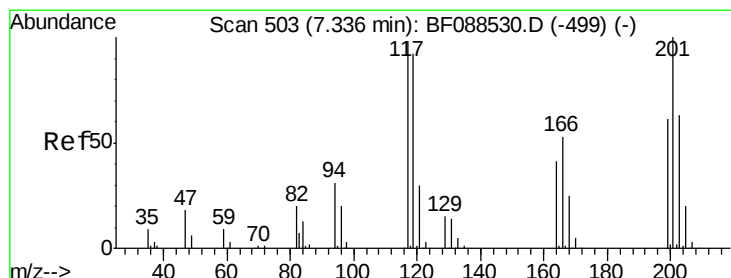
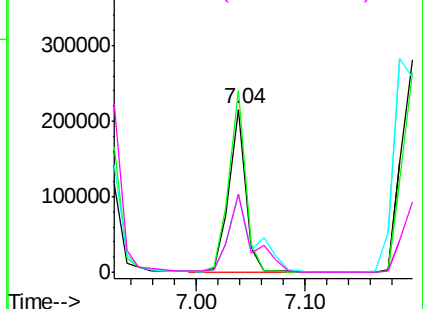
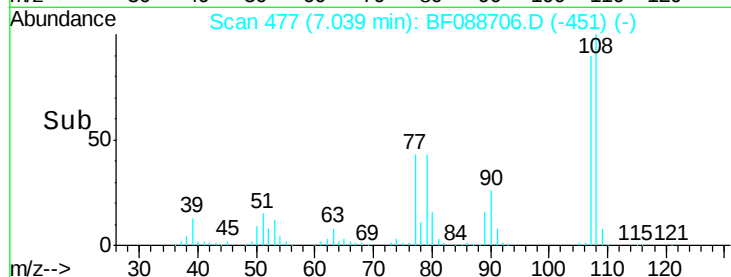
#17
 2-Methylphenol
 Concen: 40.18 ng
 RT: 7.04 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:107 Resp: 229198
 Ion Ratio Lower Upper
 107 100
 108 111.4 90.9 136.3
 77 48.0 36.6 55.0
 79 48.2 36.5 54.7

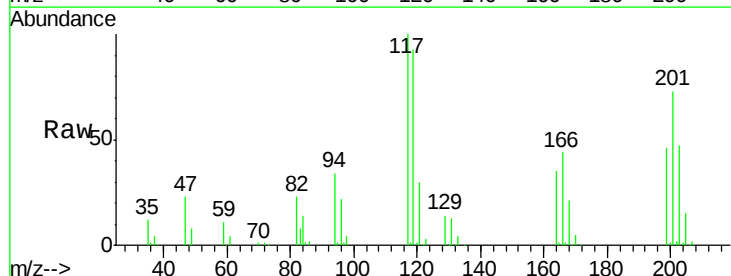


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

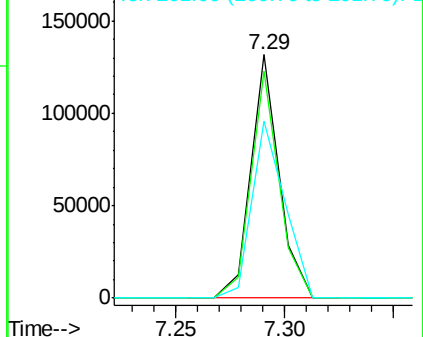
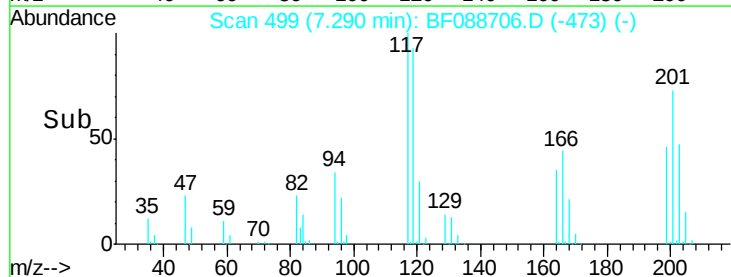


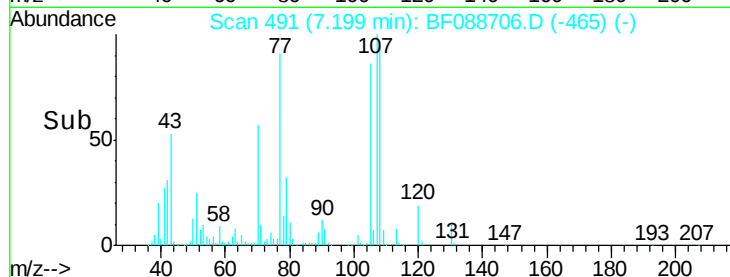
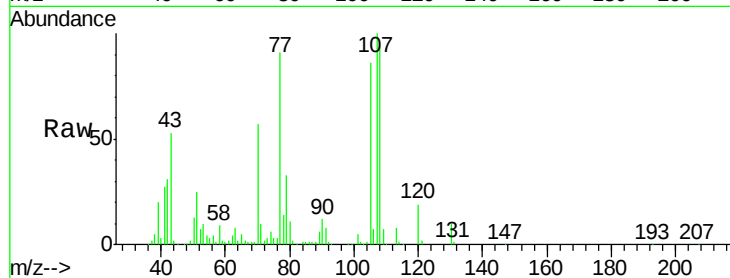
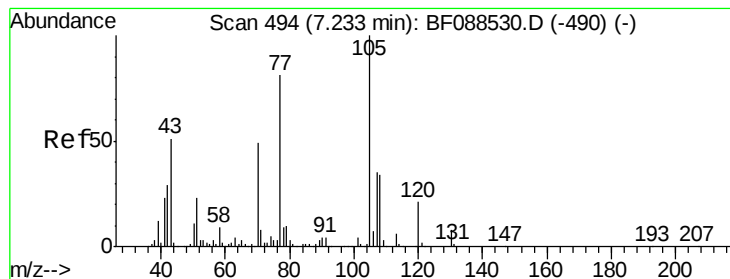
#18
 Hexachloroethane
 Concen: 40.14 ng
 RT: 7.29 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion:117 Resp: 118612
 Ion Ratio Lower Upper
 117 100
 119 93.0 77.4 116.2
 201 72.7 80.4 120.6#



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: 35.28 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 199269

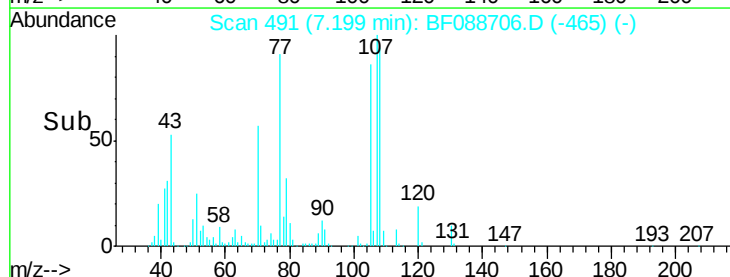
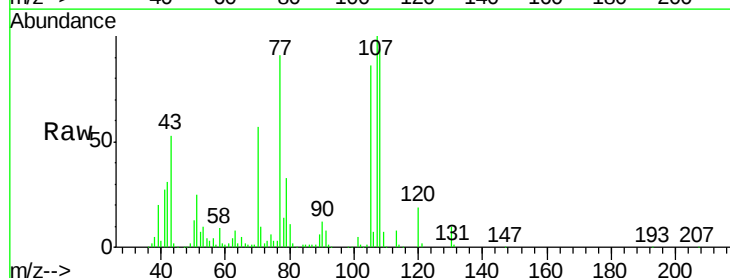
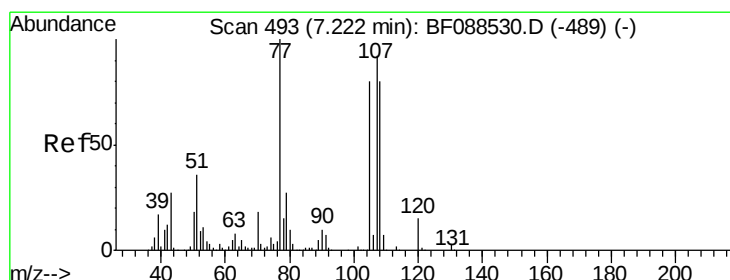
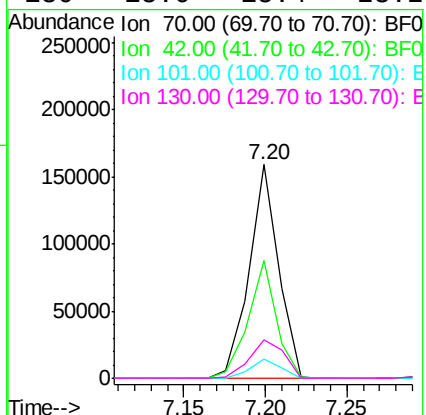
Ion Ratio Lower Upper

70 100

42 55.3 49.6 74.4

101 8.9 7.1 10.7

130 18.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 43.68 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Tgt Ion: 107 Resp: 299105

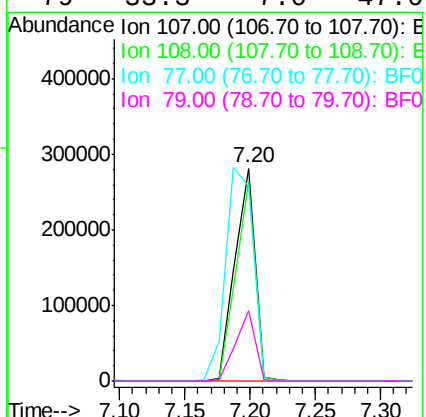
Ion Ratio Lower Upper

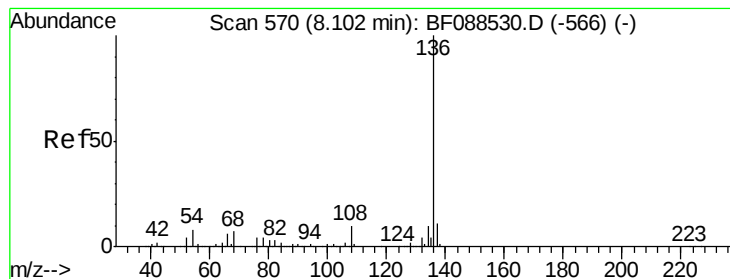
107 100

108 94.2 67.8 107.8

77 91.3 59.3 99.3

79 33.3 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 431089

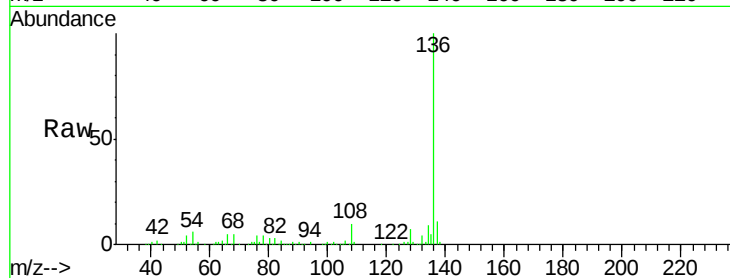
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.3 6.6 10.0#

68 5.5 5.1 7.7

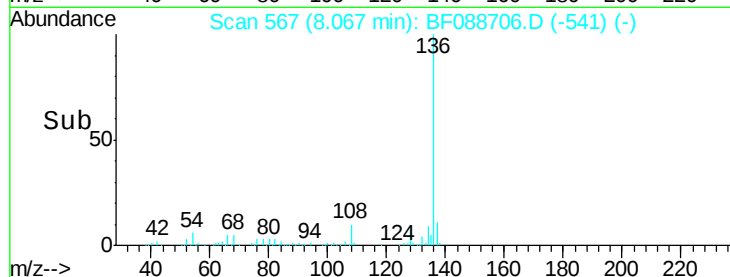


Abundance Ion 136.00 (135.70 to 136.70): E

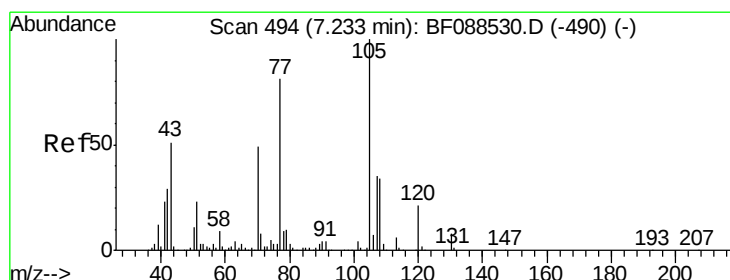
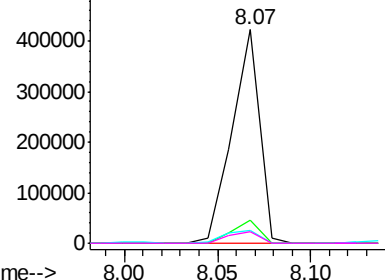
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.34 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Tgt Ion:105 Resp: 401195

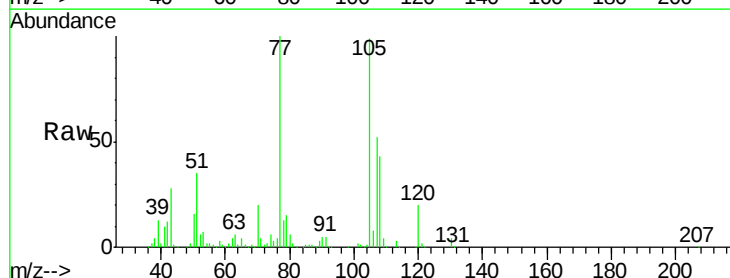
Ion Ratio Lower Upper

105 100

71 3.5 5.3 7.9#

51 34.8 18.2 27.4#

120 19.8 18.0 27.0

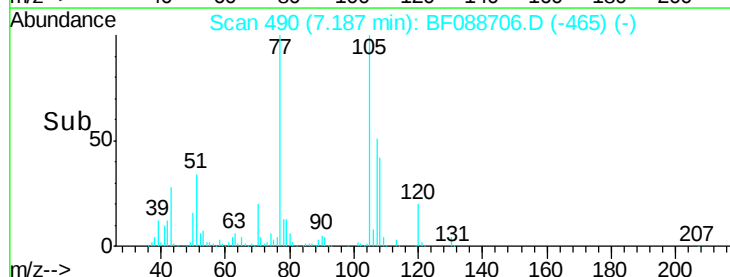


Abundance Ion 105.00 (104.70 to 105.70): E

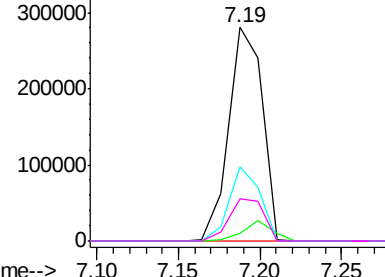
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

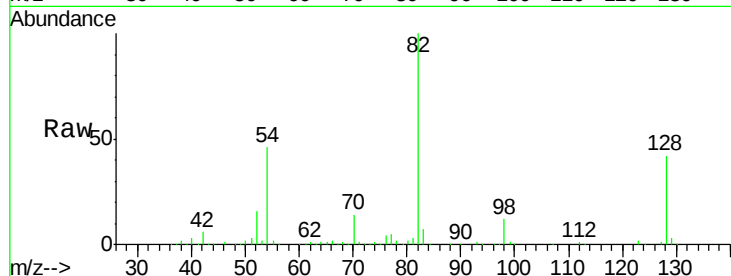




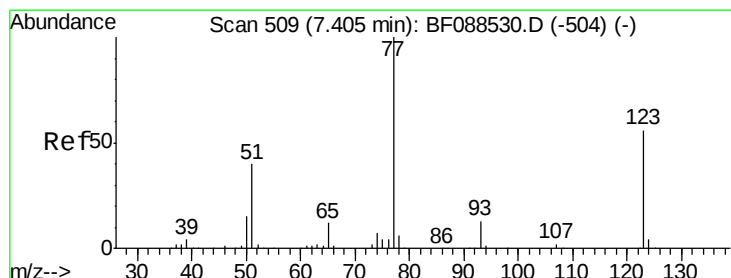
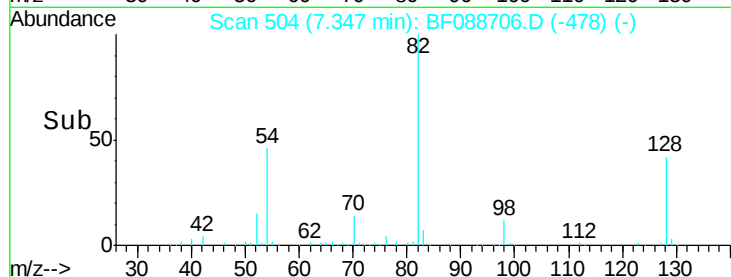
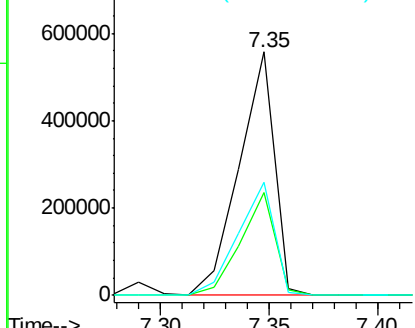
#23
 Nitrobenzene-d5
 Concen: 76.57 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 629869
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.9 53.9
 54 46.3 40.9 61.3

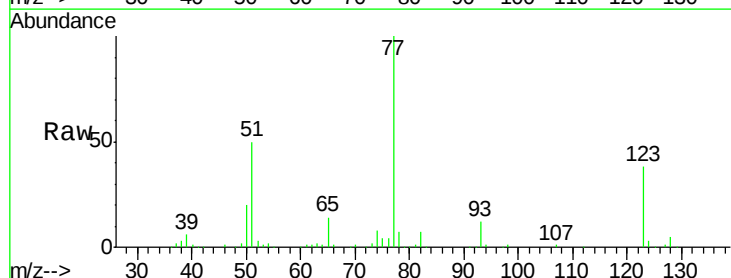


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

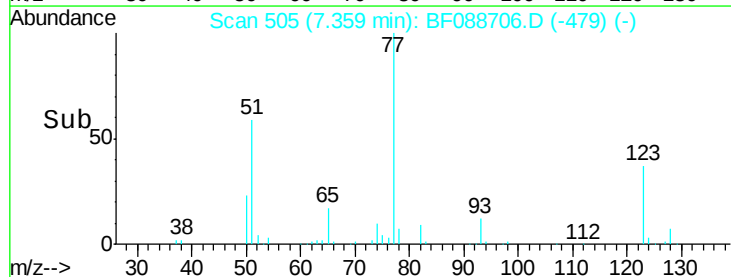
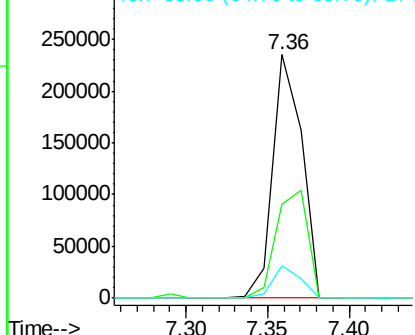


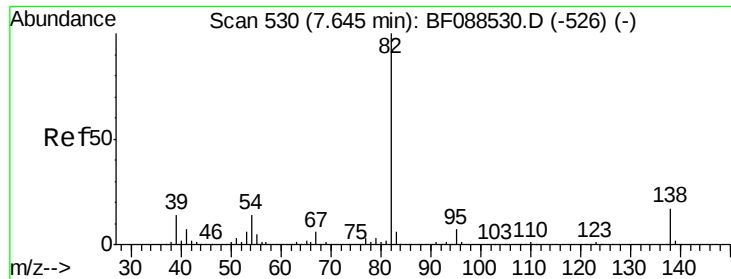
#24
 Nitrobenzene
 Concen: 35.47 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion: 77 Resp: 294159
 Ion Ratio Lower Upper
 77 100
 123 38.5 45.0 67.4#
 65 13.5 10.2 15.2



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: 38.73 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

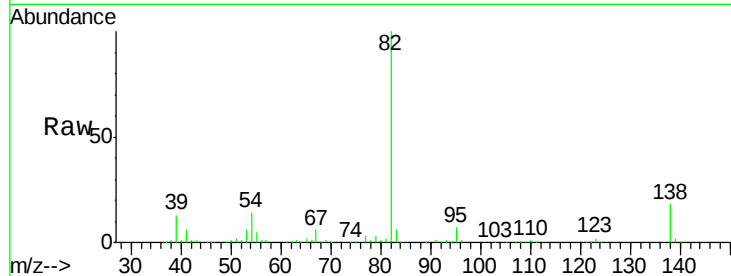
Tgt Ion: 82 Resp: 590199

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

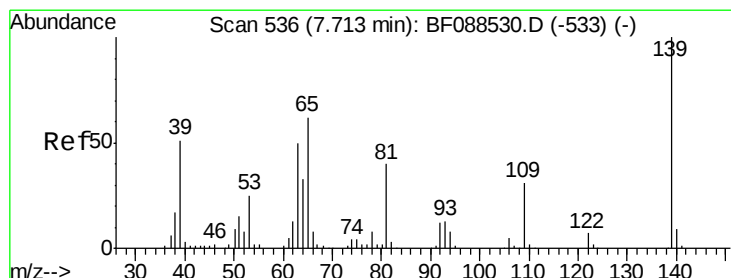
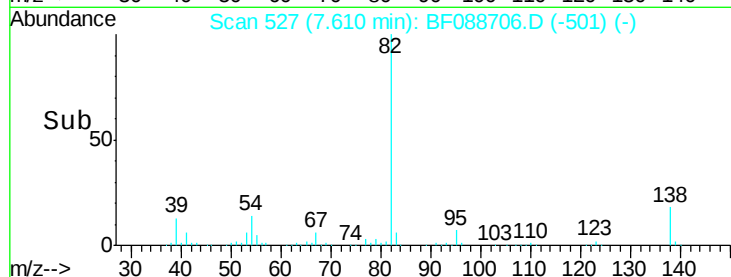
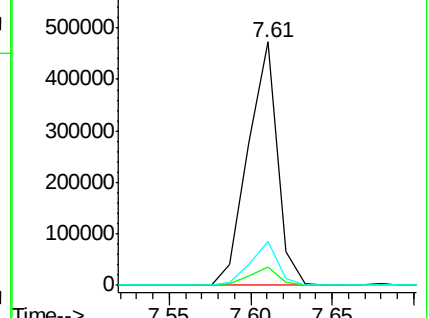
138 17.8 14.6 21.8



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: 42.99 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

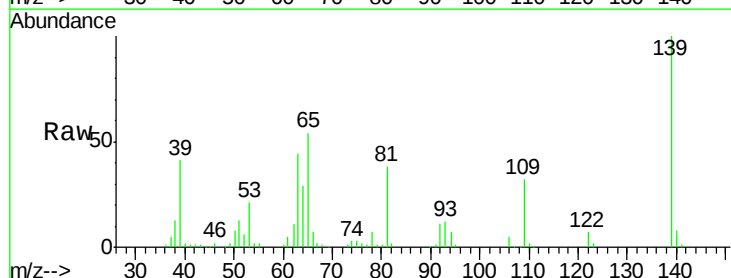
Tgt Ion: 139 Resp: 146213

Ion Ratio Lower Upper

139 100

109 31.5 23.0 34.4

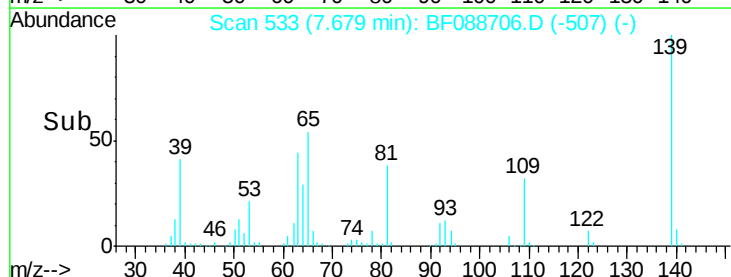
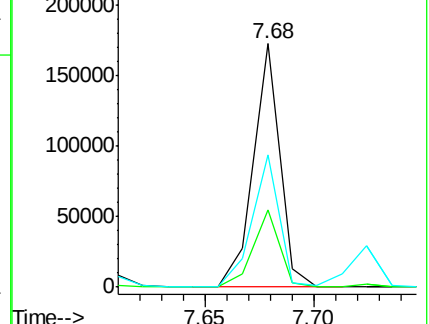
65 54.2 45.8 68.8



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

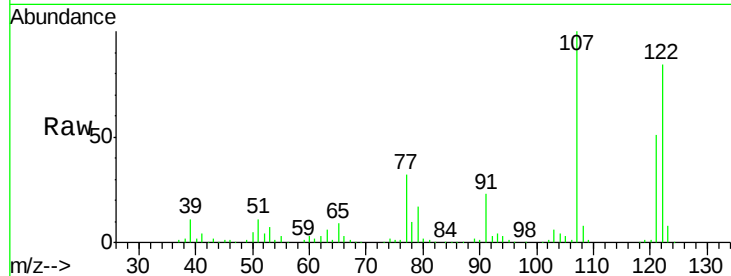




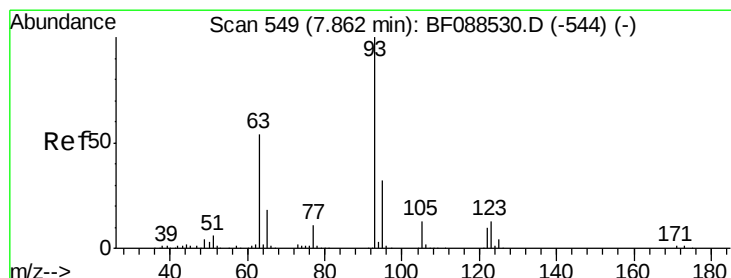
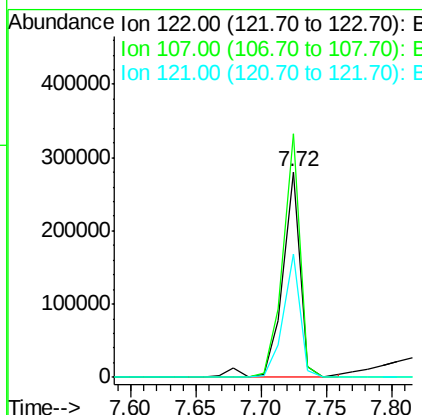
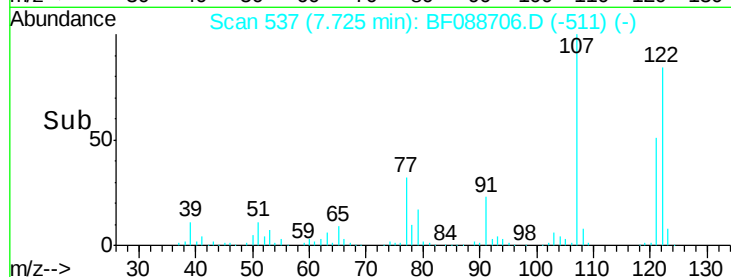
#27
2,4-Dimethylphenol
Concen: 38.46 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 272468
Ion Ratio Lower Upper
122 100
107 118.6 82.4 123.6
121 60.2 46.3 69.5

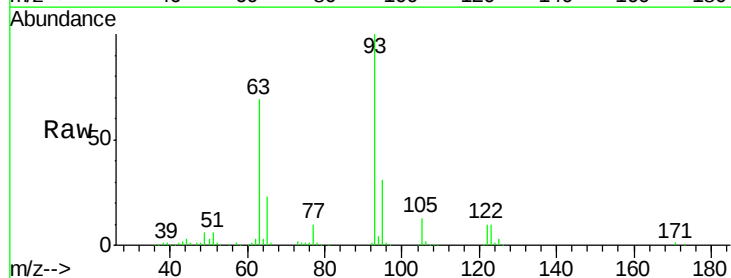


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

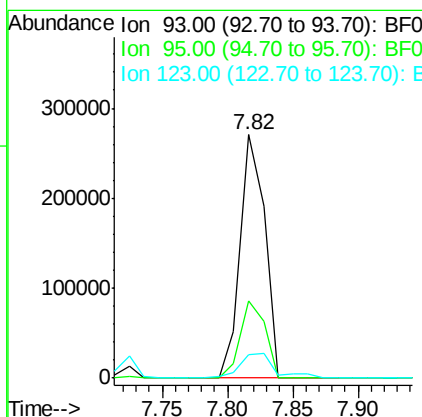
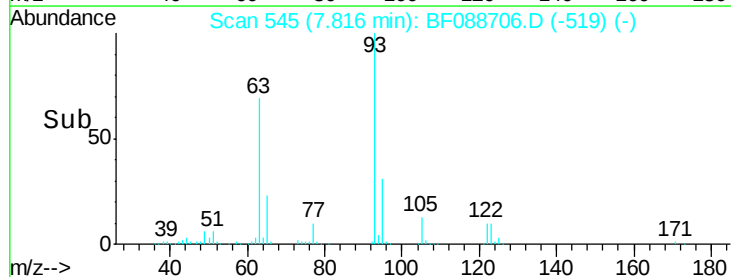


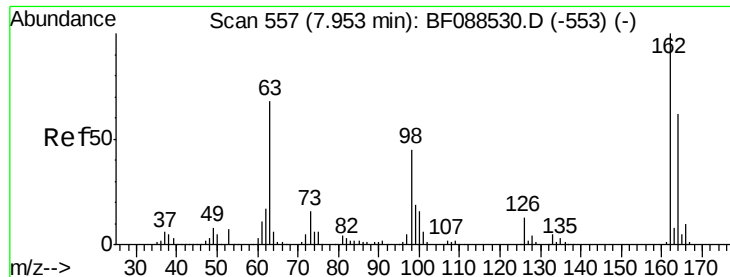
#28
bis(2-Chloroethoxy)methane
Concen: 35.69 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Tgt Ion: 93 Resp: 353951
Ion Ratio Lower Upper
93 100
95 31.5 26.5 39.7
123 9.7 11.6 17.4#



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

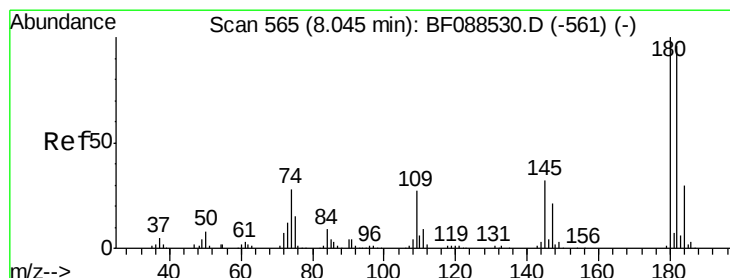
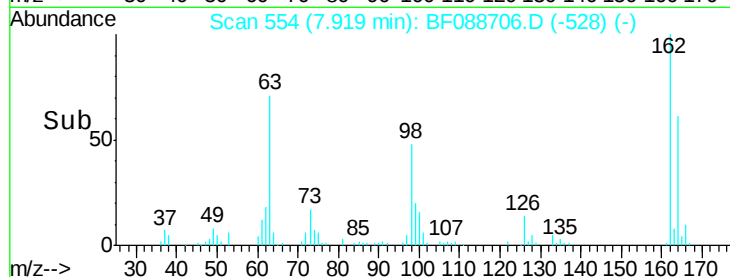
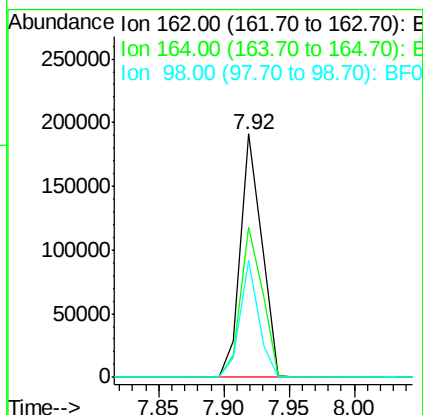
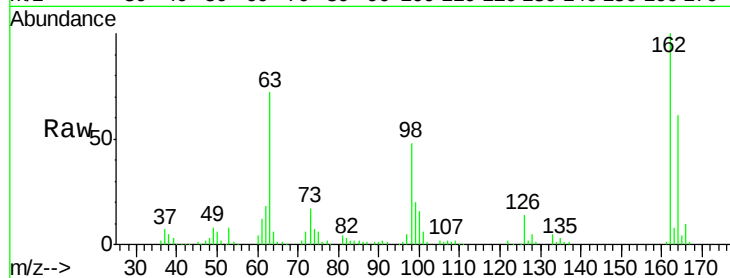




#29
 2,4-Dichlorophenol
 Concen: 37.93 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

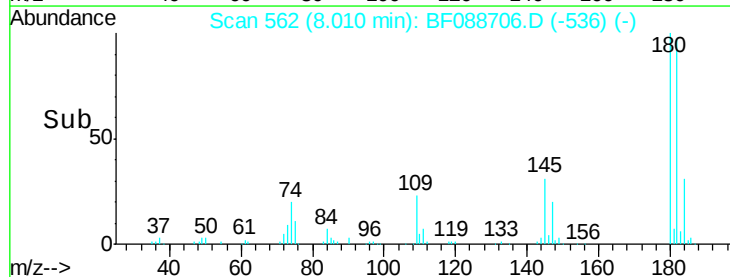
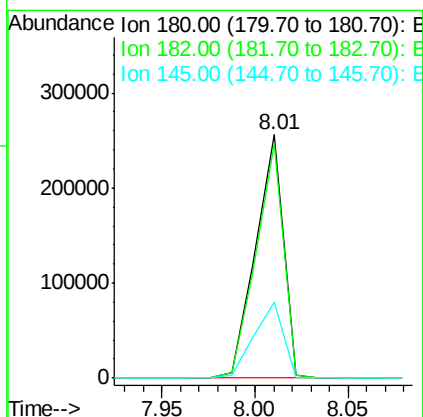
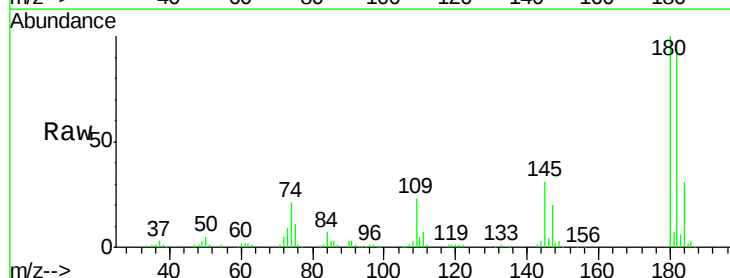
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 217169
 Ion Ratio Lower Upper
 162 100
 164 61.5 43.8 83.8
 98 47.9 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion:180 Resp: 262930
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.0 114.0
 145 31.2 26.5 39.7

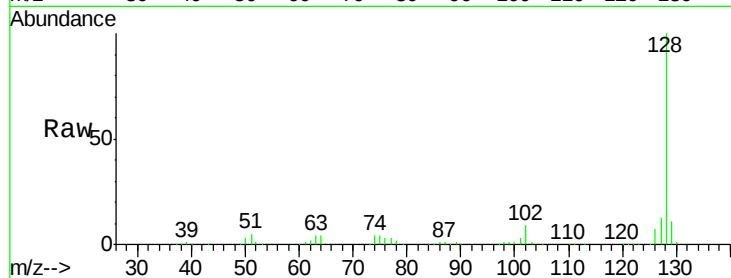




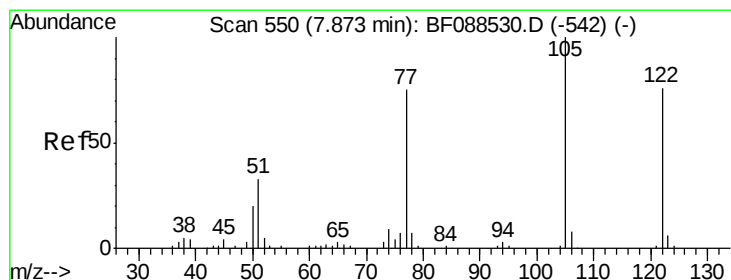
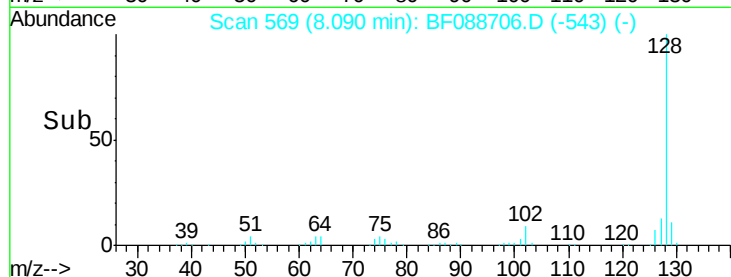
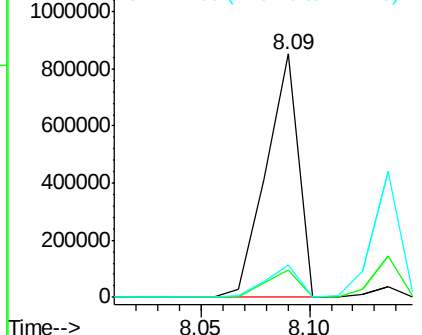
#31
Naphthalene
Concen: 41.94 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 891237
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.4 10.9 16.3

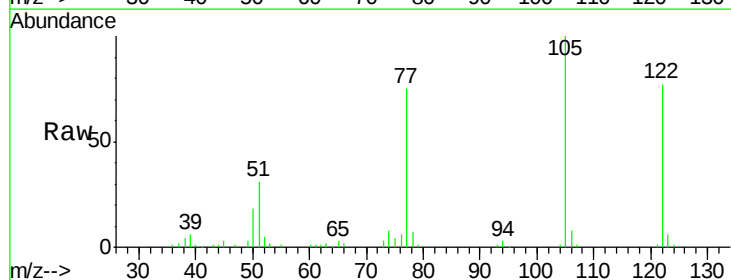


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

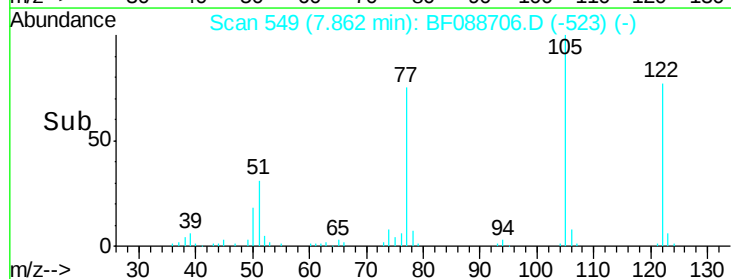
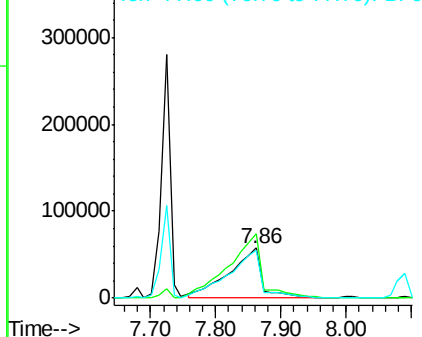


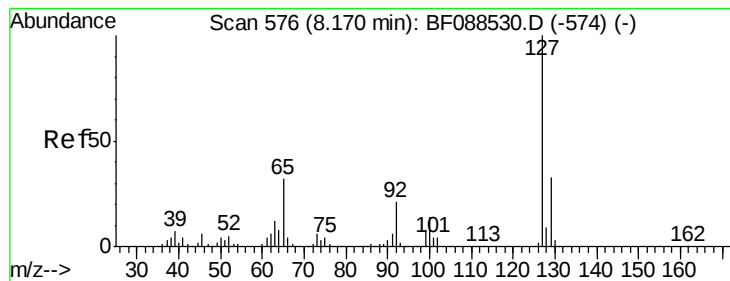
#32
Benzoic acid
Concen: 38.42 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Tgt Ion:122 Resp: 197598
Ion Ratio Lower Upper
122 100
105 129.3 101.6 141.6
77 96.4 70.6 110.6



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: 41.34 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 390939

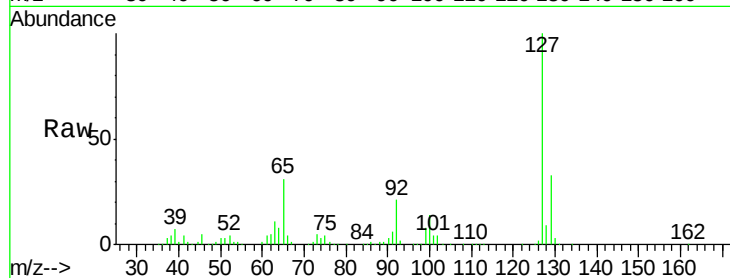
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 31.0 24.7 37.1

92 20.9 15.4 23.0

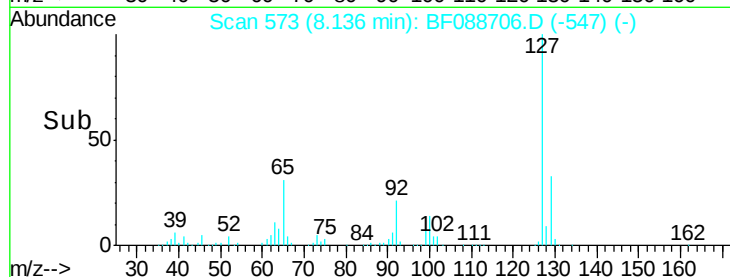


Abundance Ion 127.00 (126.70 to 127.70): E

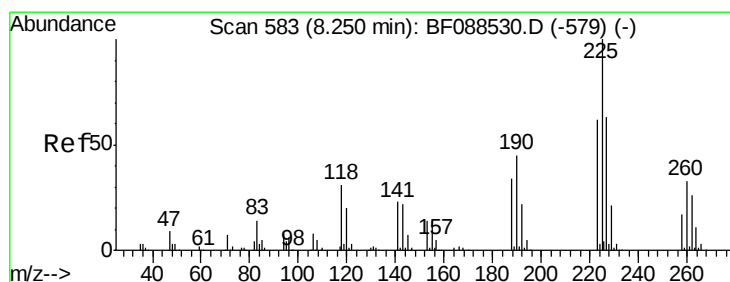
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 39.63 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

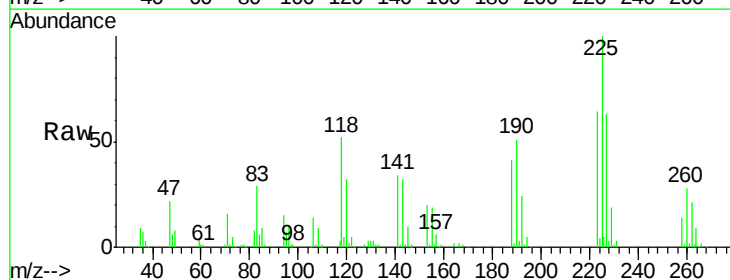
Tgt Ion:225 Resp: 133331

Ion Ratio Lower Upper

225 100

223 63.9 50.9 76.3

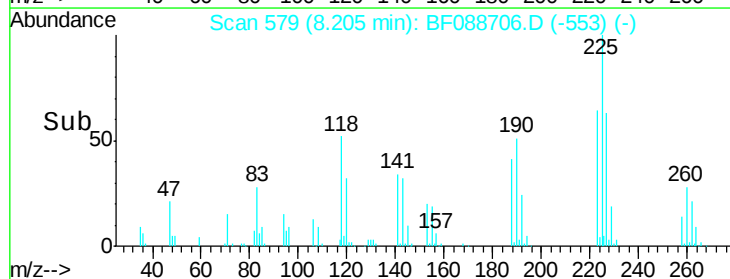
227 63.1 51.9 77.9



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



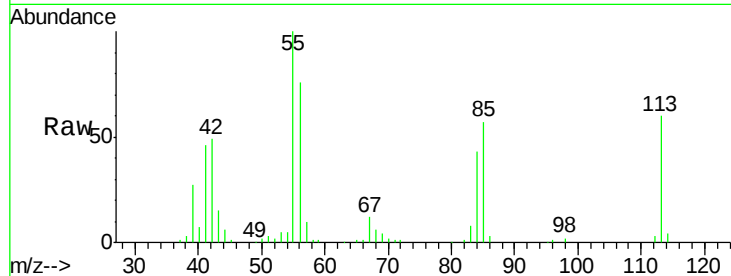
Time-->



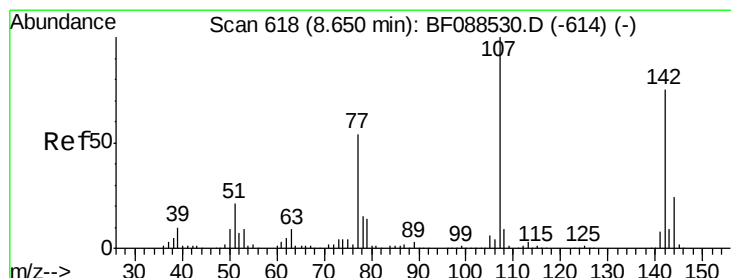
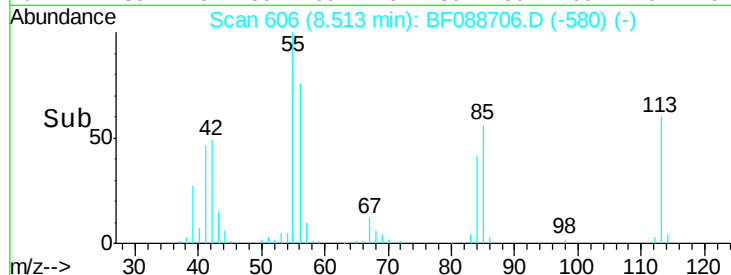
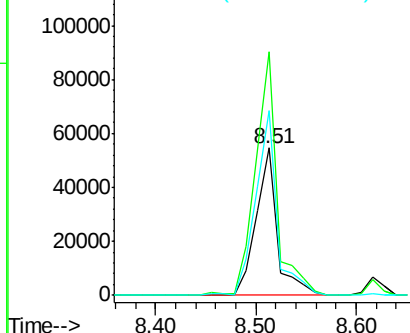
#35
 Caprolactam
 Concen: 41.06 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 79841
 Ion Ratio Lower Upper
 113 100
 55 165.3 158.6 198.6
 56 125.2 110.6 150.6

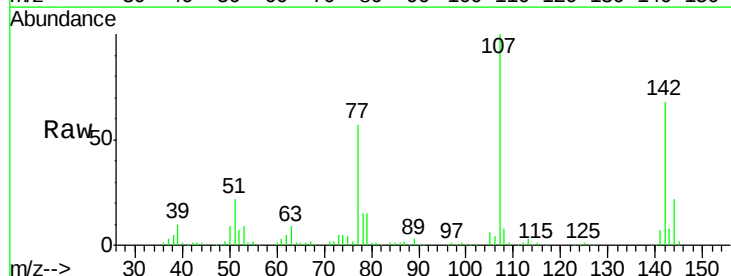


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

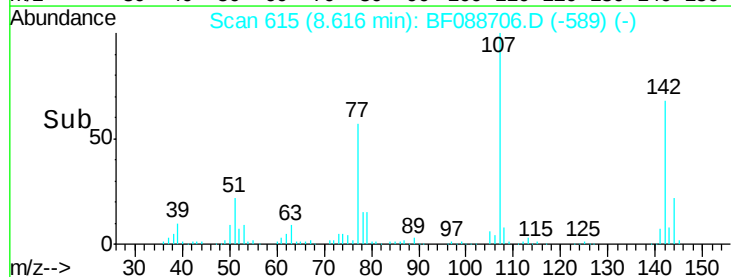
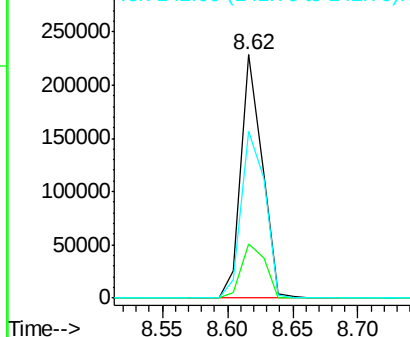


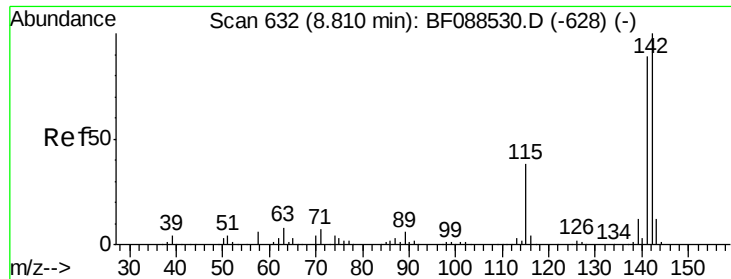
#36
 4-Chloro-3-methylphenol
 Concen: 38.08 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion:107 Resp: 257775
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.8 31.2
 142 68.3 63.4 95.2



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

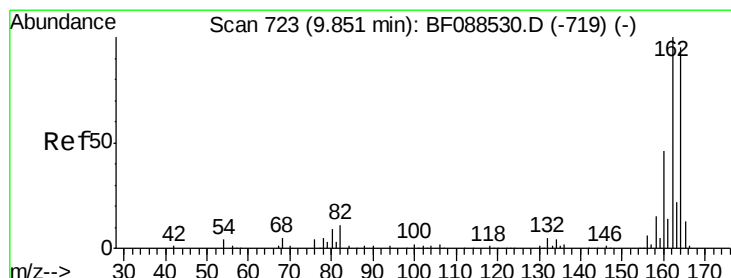
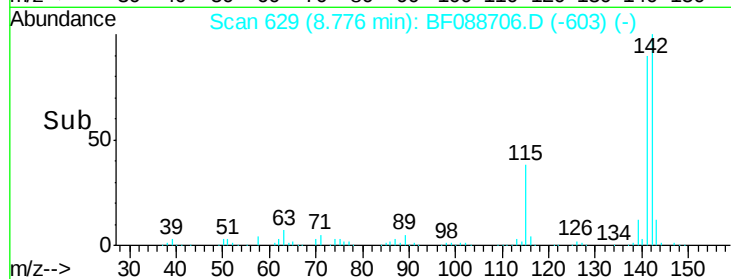
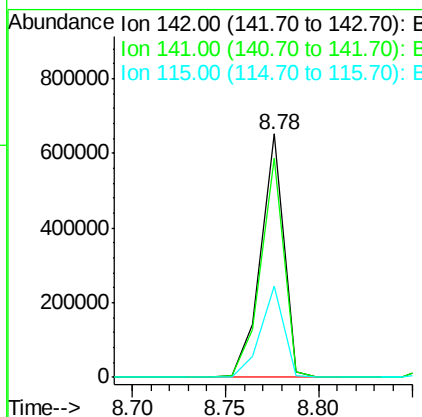
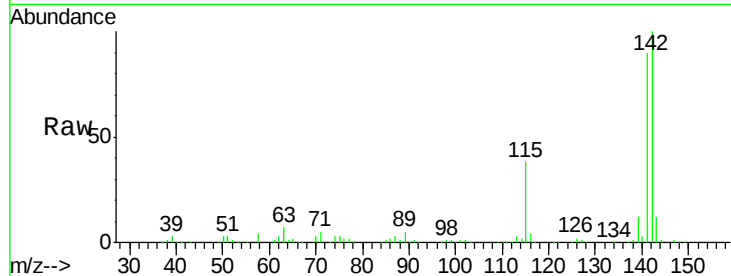




#37
 2-Methylnaphthalene
 Concen: 40.88 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

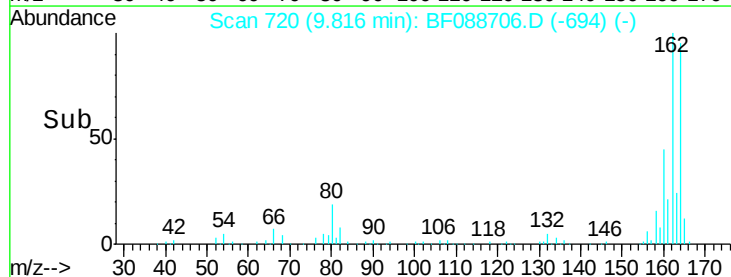
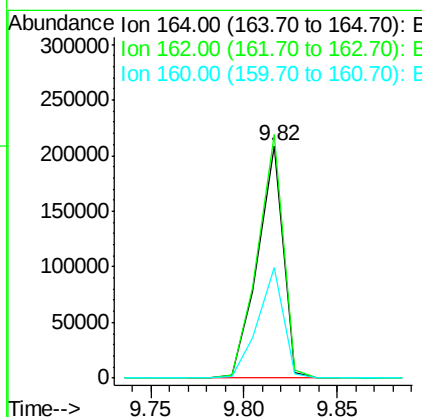
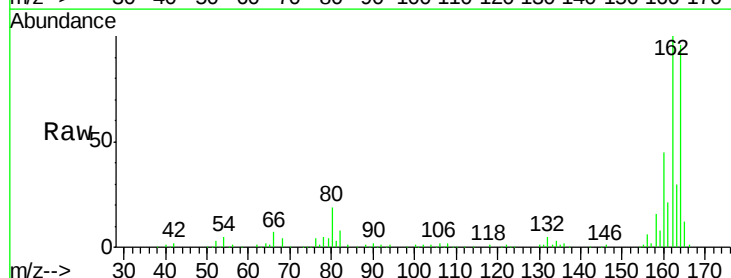
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 559404
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 37.5 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion:164 Resp: 202190
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 47.6 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.66 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 293606

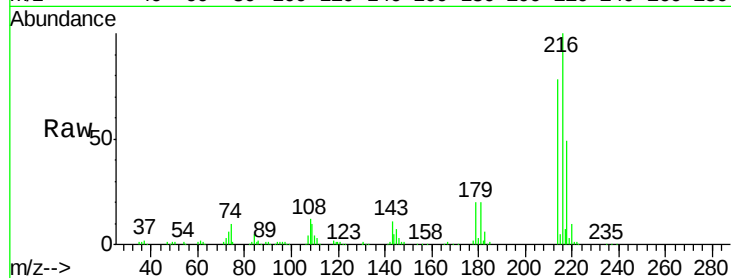
Ion Ratio Lower Upper

216 100

214 78.4 2.9 4.3#

179 22.3 0.0 0.0#

108 19.6 0.5 0.7#

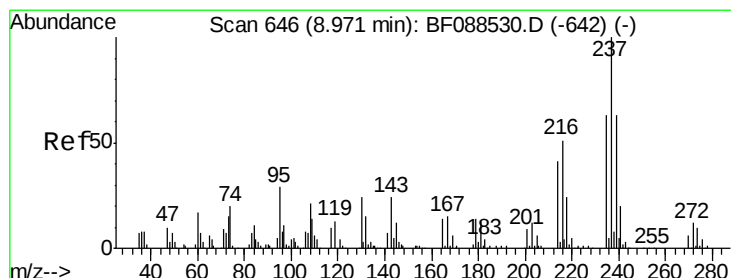
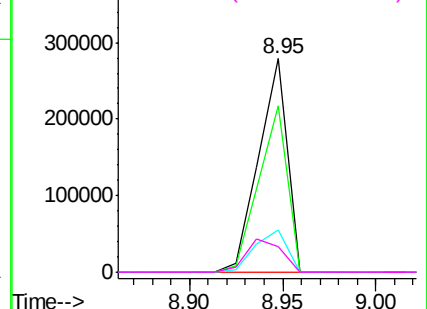
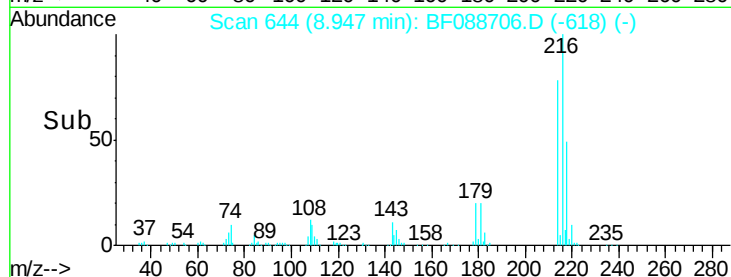


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.23 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

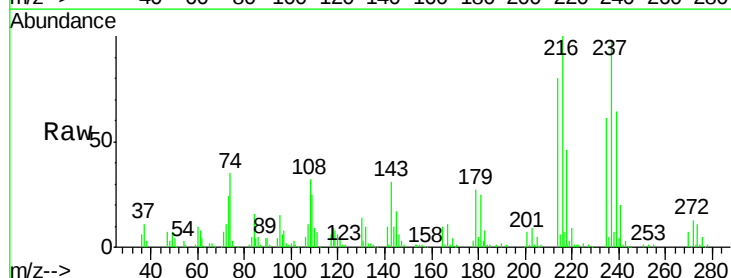
Tgt Ion:237 Resp: 129505

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

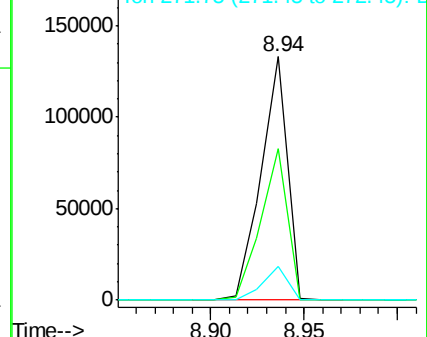
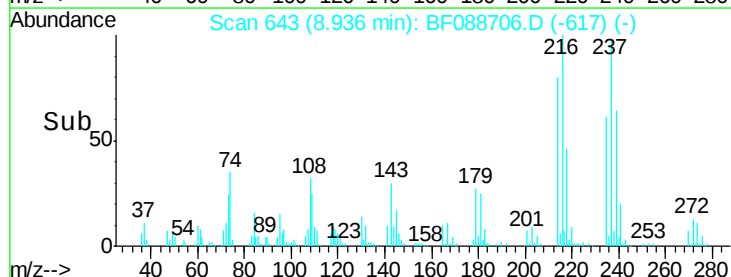
272 13.7 0.0 32.3

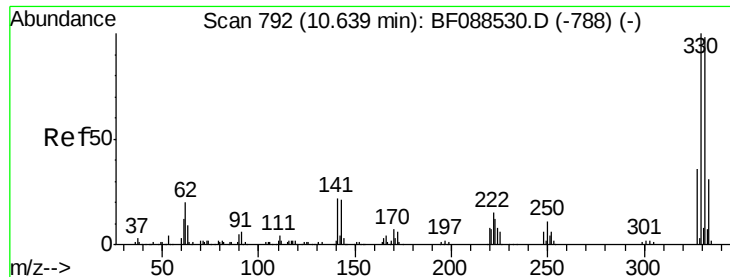


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

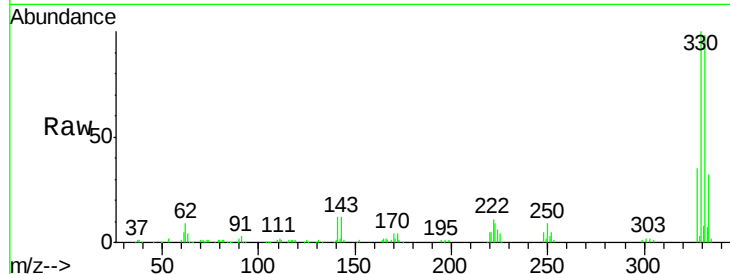




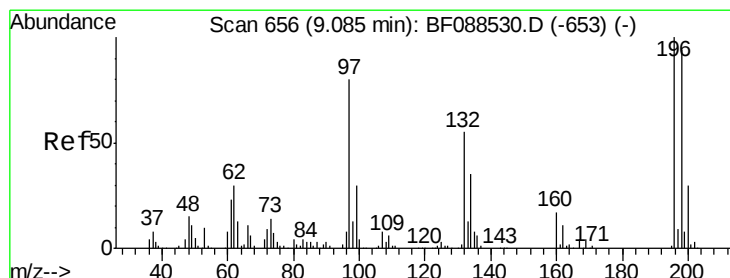
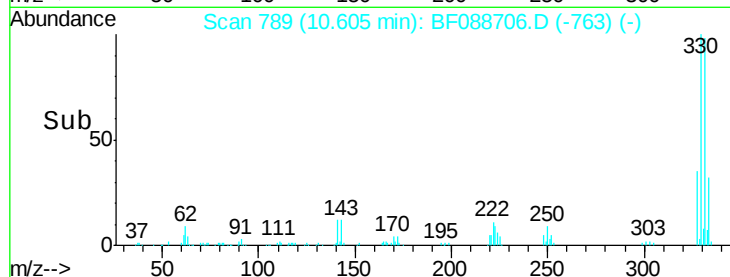
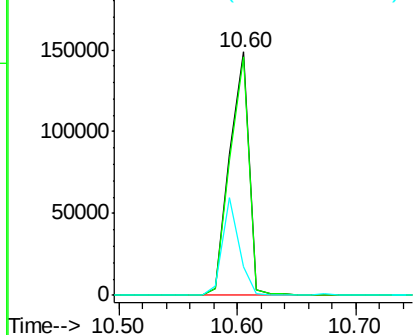
#41
 2,4,6-Tribromophenol
 Concen: 89.84 ng
 RT: 10.60 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 168683
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 34.6 0.0 0.0#

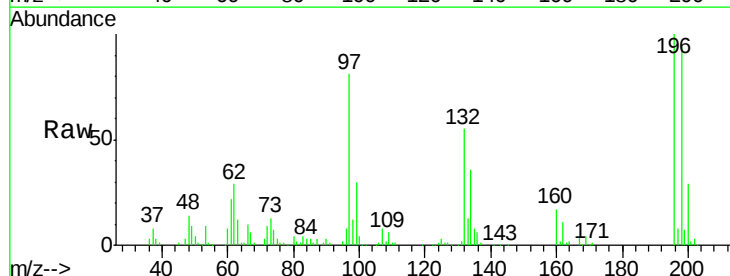


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

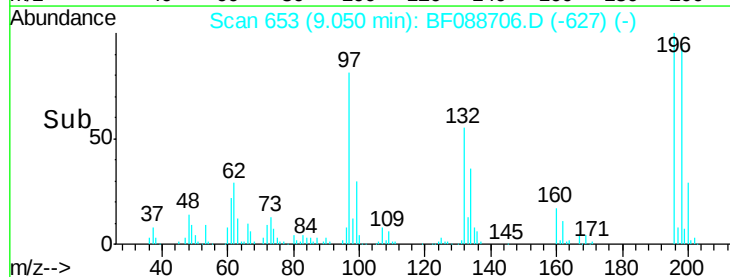
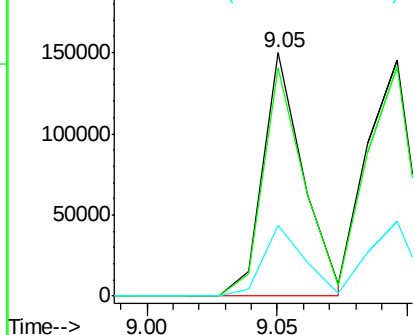


#42
 2,4,6-Trichlorophenol
 Concen: 36.24 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion:196 Resp: 160675
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.0 117.0
 200 29.0 25.4 38.2



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

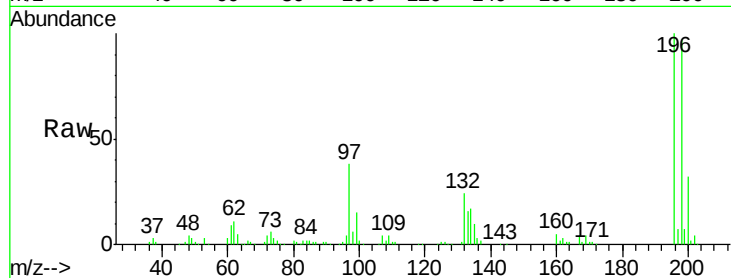




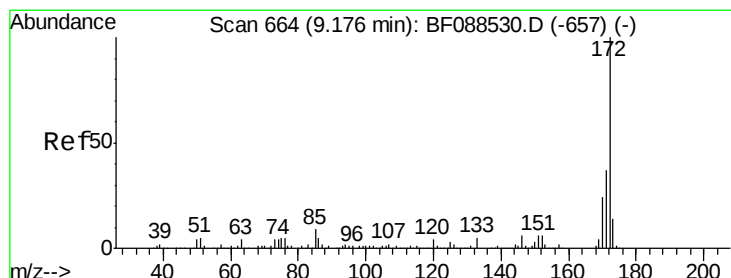
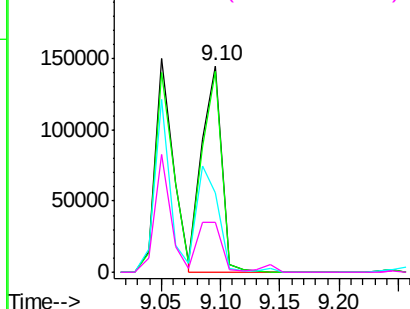
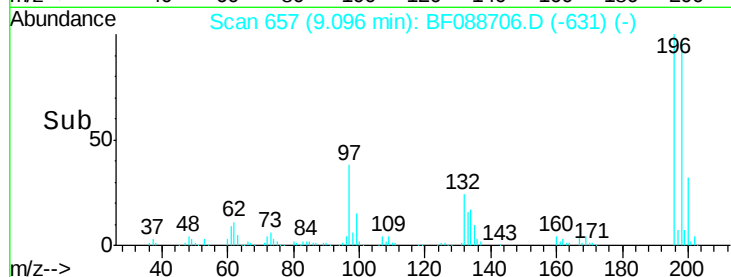
#43
 2,4,5-Trichlorophenol
 Concen: 44.71 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 170560
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.5 116.3
 97 38.5 32.0 48.0
 132 24.3 20.9 31.3

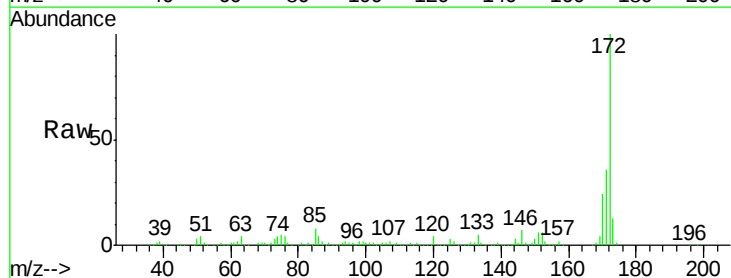


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

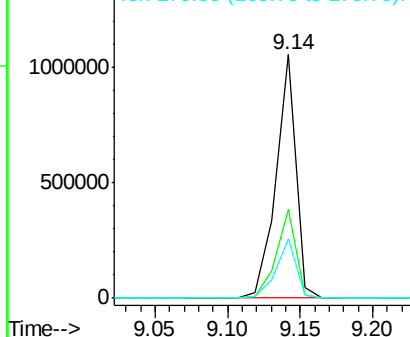
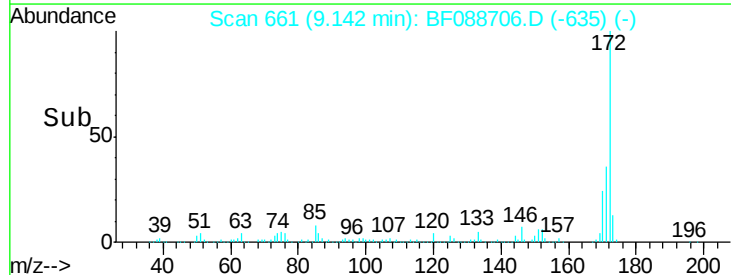


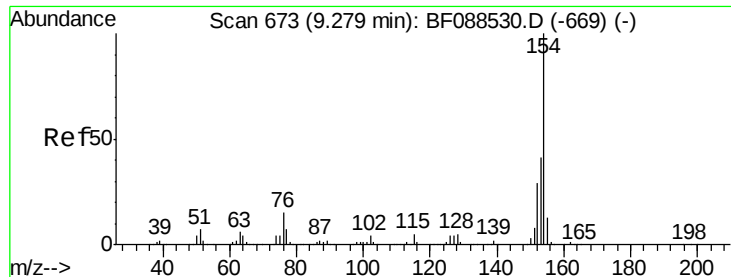
#44
 2-Fluorobiphenyl
 Concen: 78.24 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion:172 Resp: 1001433
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.4 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.26 ng

RT: 9.24 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

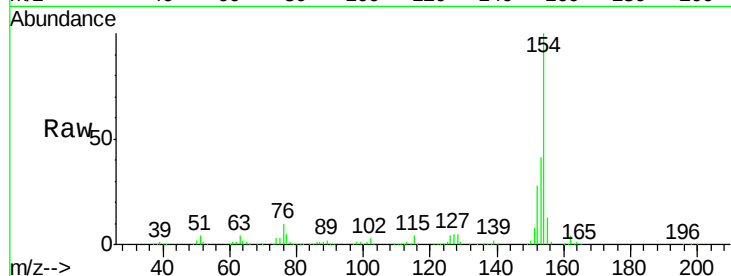
Tgt Ion:154 Resp: 707626

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

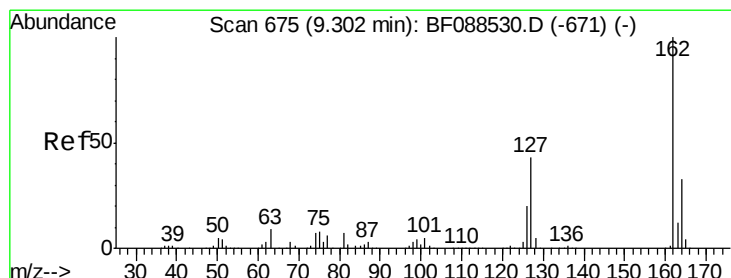
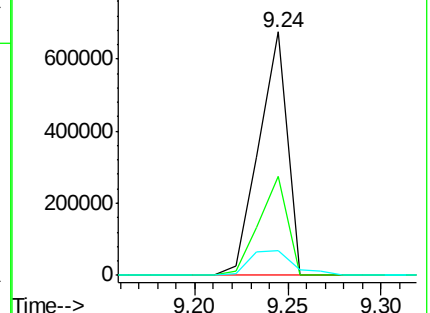
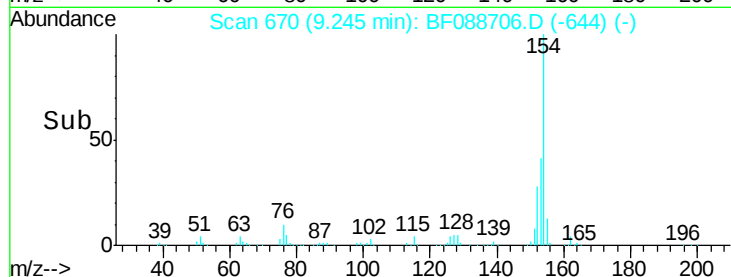
76 10.1 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.17 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

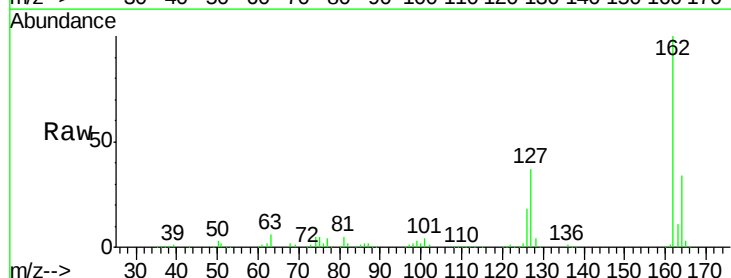
Tgt Ion:162 Resp: 541164

Ion Ratio Lower Upper

162 100

127 37.4 35.2 52.8

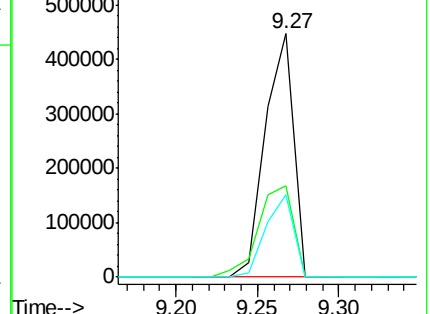
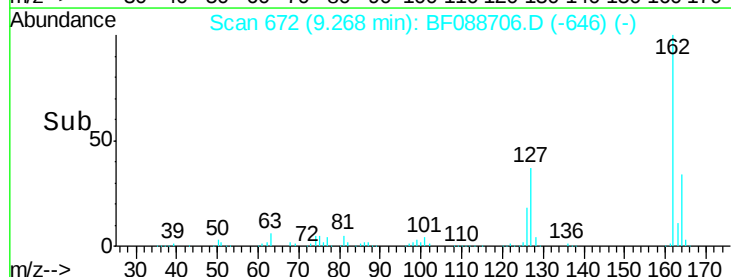
164 33.6 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

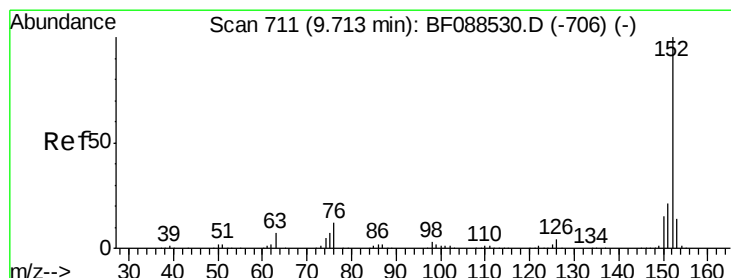
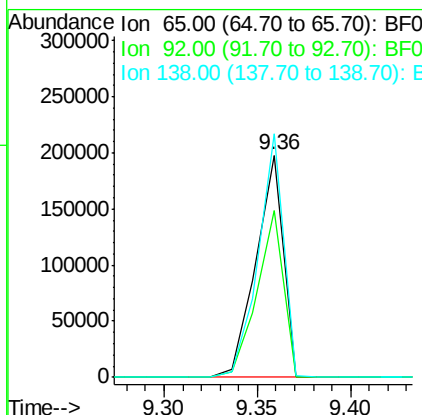
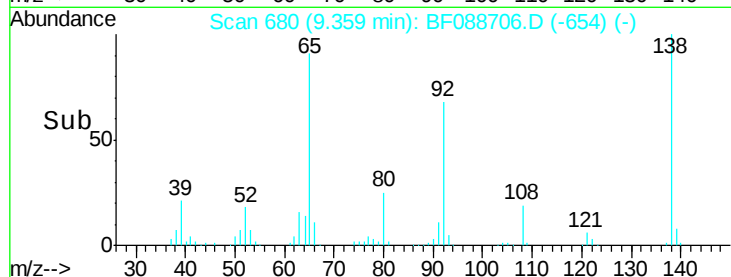
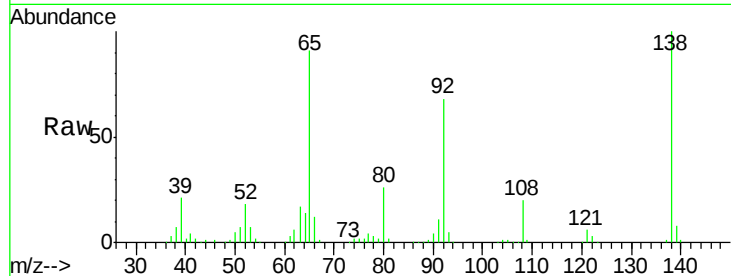




#47
 2-Nitroaniline
 Concen: 42.82 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

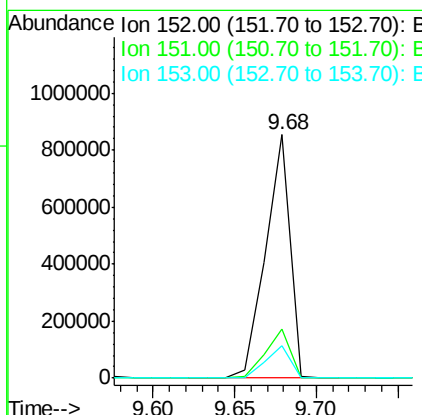
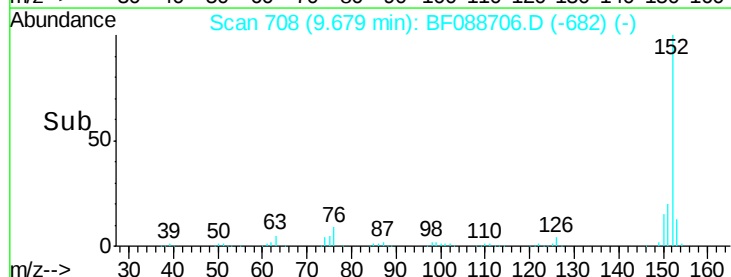
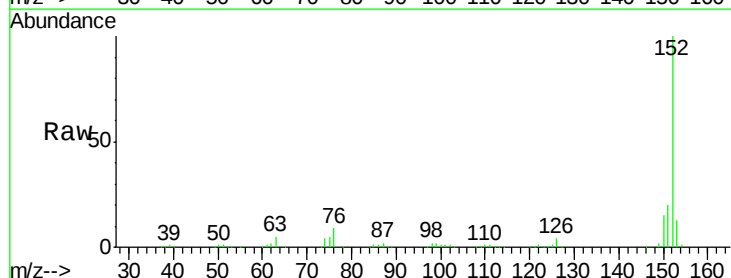
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

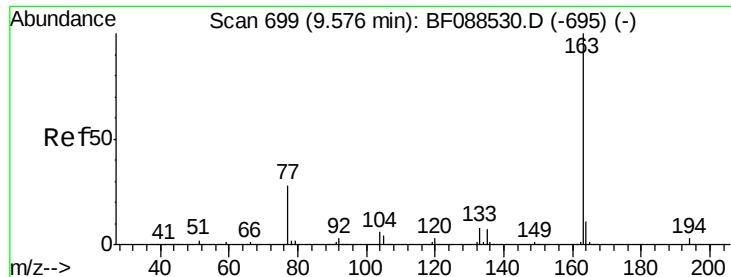
Tgt Ion: 65 Resp: 199728
 Ion Ratio Lower Upper
 65 100
 92 75.0 54.6 82.0
 138 109.7 77.0 115.4



#48
 Acenaphthylene
 Concen: 42.46 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF088706.D
 Acq: 5 Jul 2016 16:44

Tgt Ion: 152 Resp: 887959
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.1 11.0 16.6

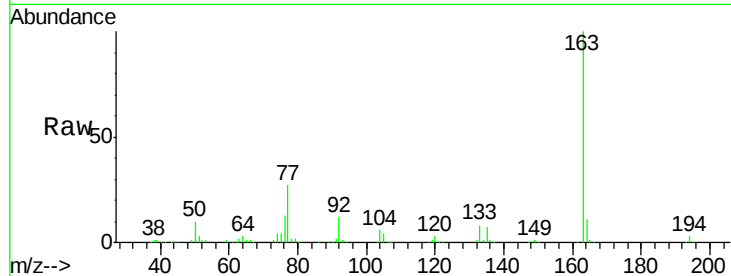




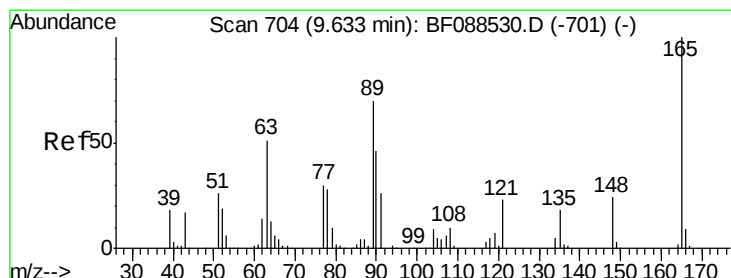
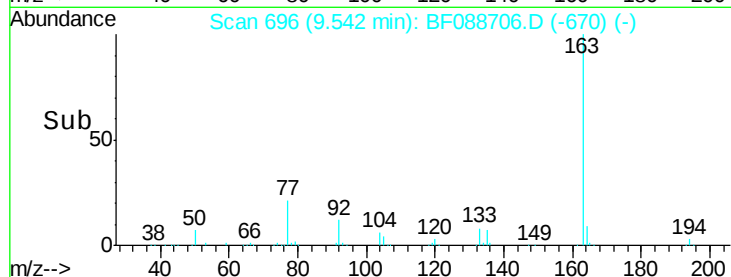
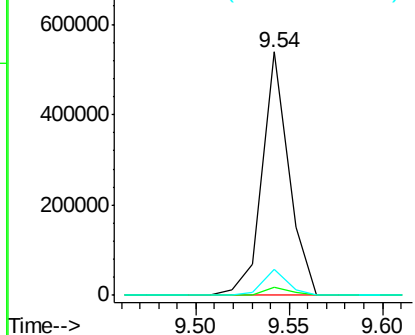
#49
Dimethylphthalate
Concen: 36.79 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 529941
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.6 8.3 12.5

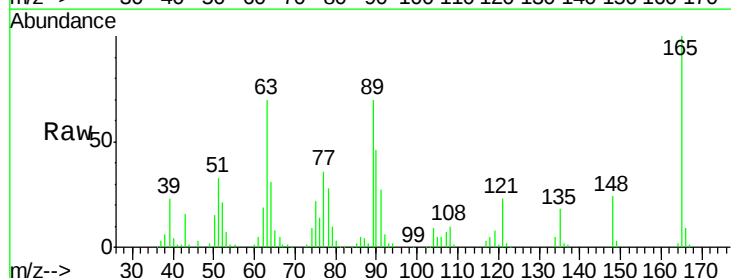


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

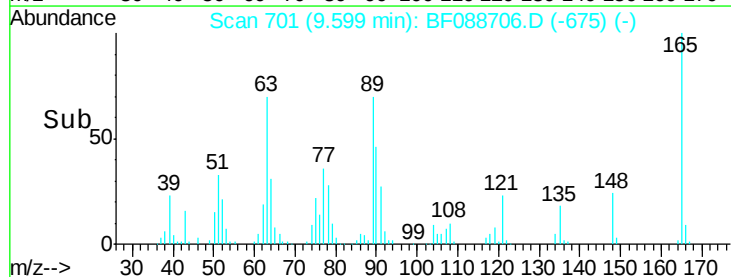
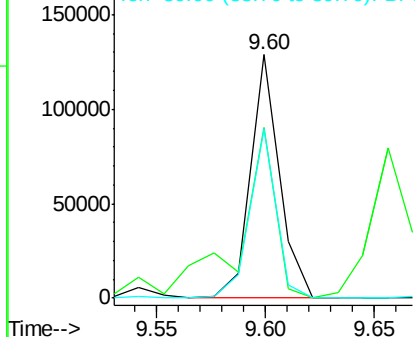


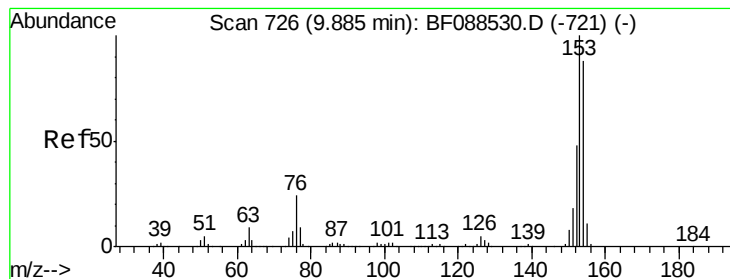
#50
2,6-Dinitrotoluene
Concen: 37.13 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Tgt Ion:165 Resp: 118541
Ion Ratio Lower Upper
165 100
63 70.0 28.1 42.1#
89 69.6 32.2 48.2#



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





#51

Acenaphthene

Concen: 42.96 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

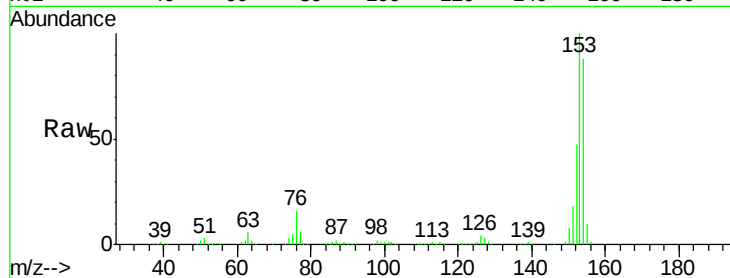
Tgt Ion:154 Resp: 550737

Ion Ratio Lower Upper

154 100

153 113.9 89.5 134.3

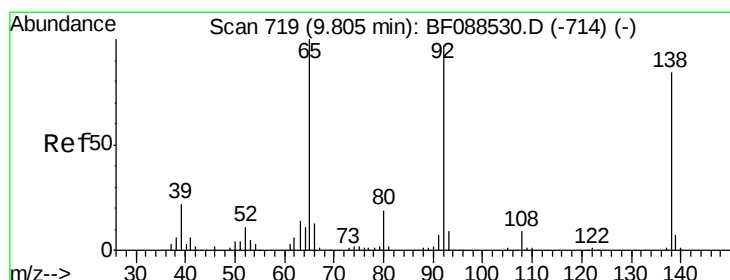
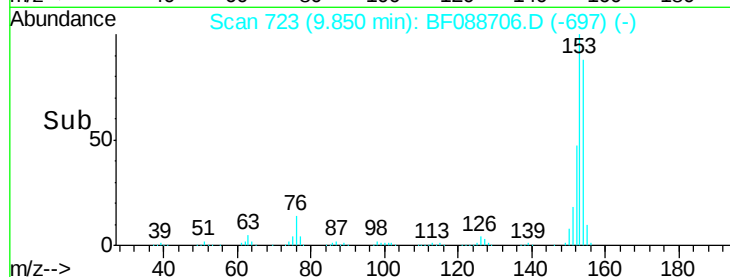
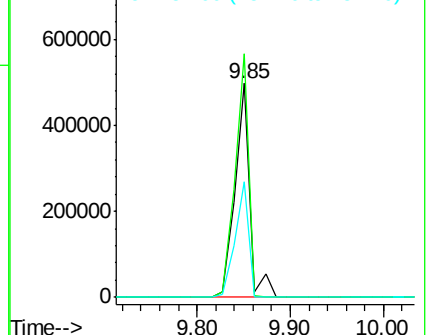
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.13 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

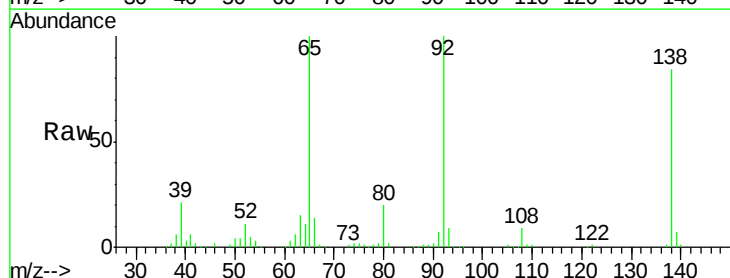
Tgt Ion:138 Resp: 175046

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

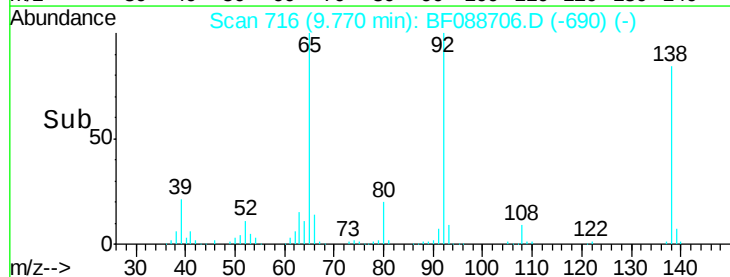
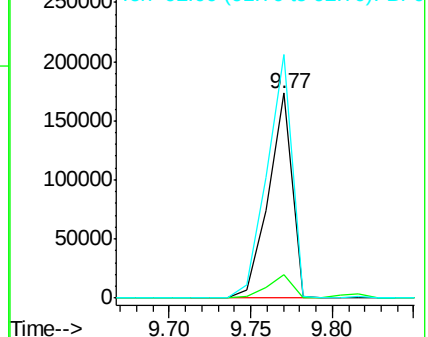
92 118.9 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

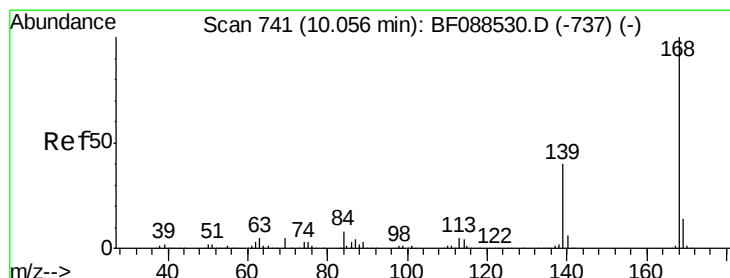
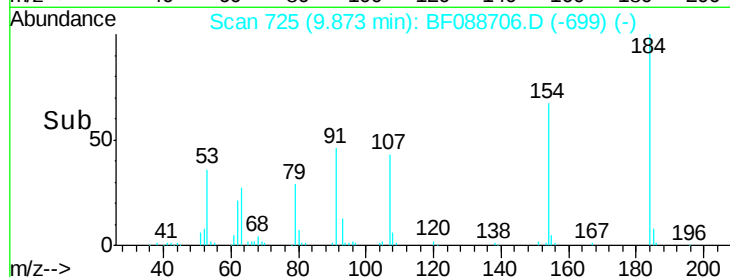
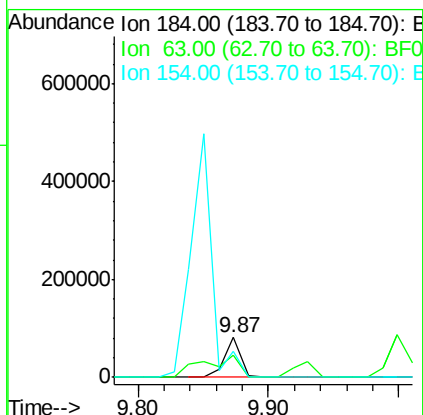
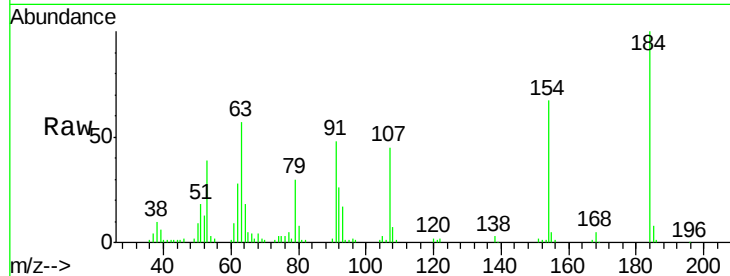




#53
2,4-Dinitrophenol
Concen: 49.73 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

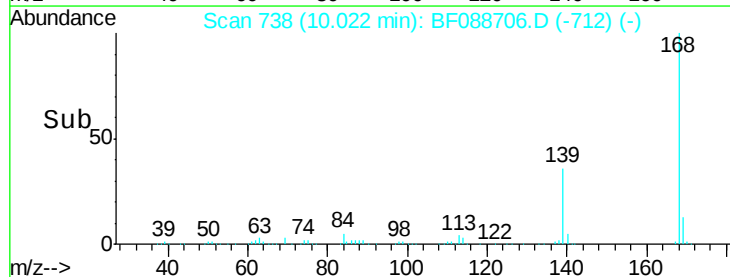
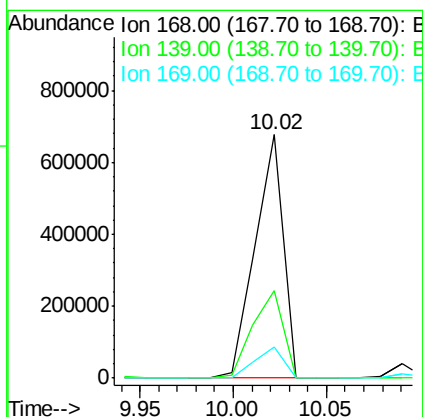
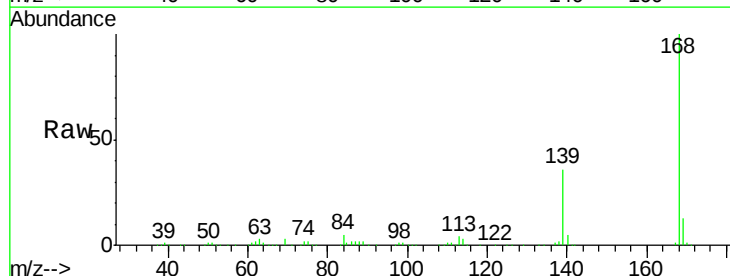
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 70094
Ion Ratio Lower Upper
184 100
63 56.5 57.6 86.4#
154 66.7 53.5 80.3



#54
Dibenzofuran
Concen: 41.96 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Tgt Ion:168 Resp: 703984
Ion Ratio Lower Upper
168 100
139 36.2 26.4 39.6
169 13.0 10.4 15.6

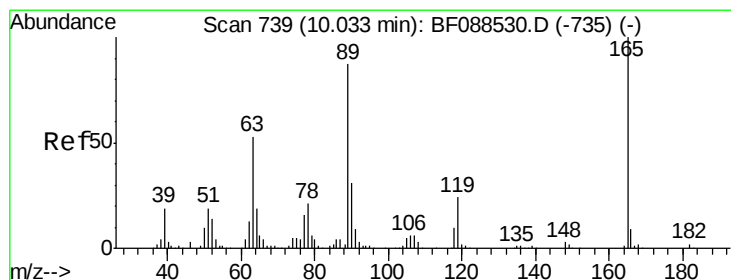
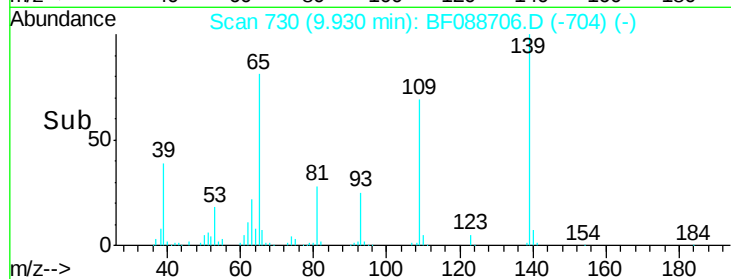
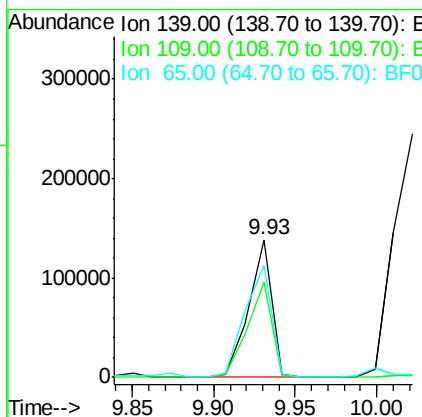
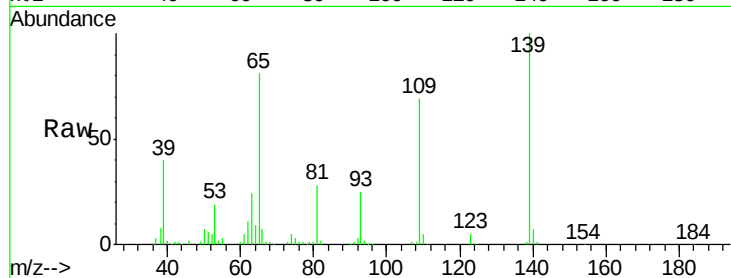




#55
4-Nitrophenol
Concen: 44.51 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

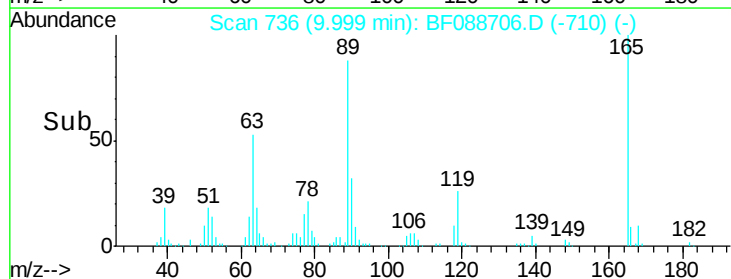
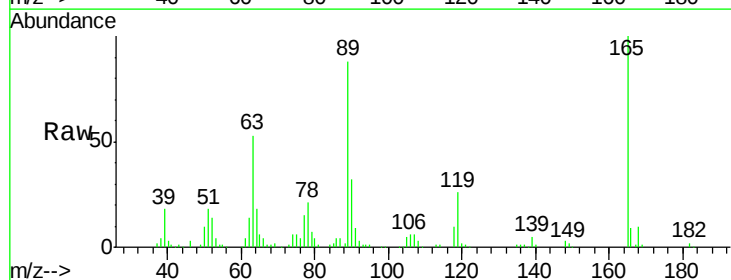
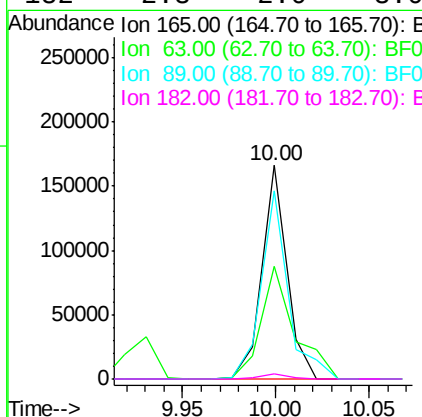
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

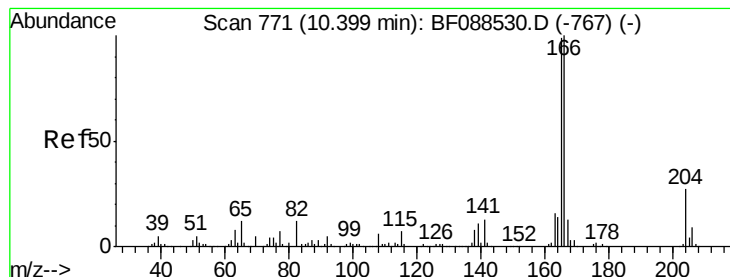
Tgt Ion:139 Resp: 137287
Ion Ratio Lower Upper
139 100
109 68.8 48.9 88.9
65 81.3 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 36.59 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088706.D
Acq: 5 Jul 2016 16:44

Tgt Ion:165 Resp: 152726
Ion Ratio Lower Upper
165 100
63 52.8 22.0 33.0#
89 87.9 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 39.53 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

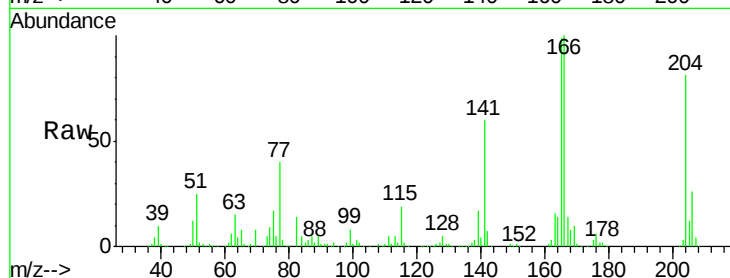
Tgt Ion:166 Resp: 511145

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

167 14.1 11.2 16.8

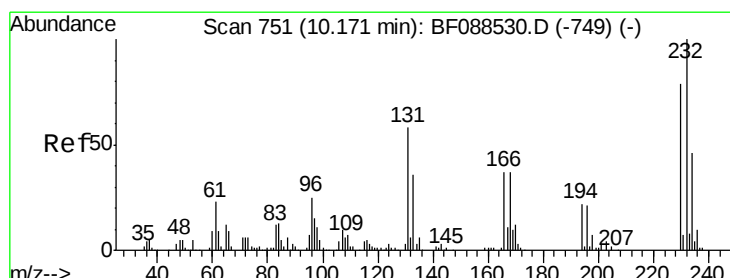
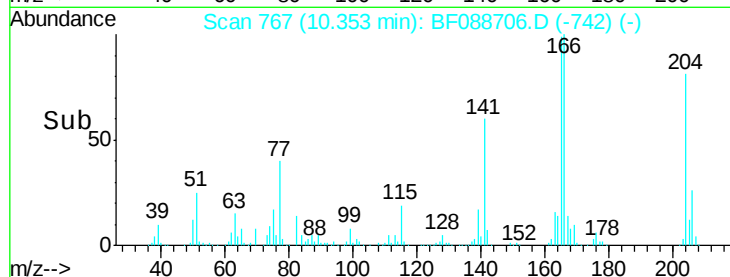
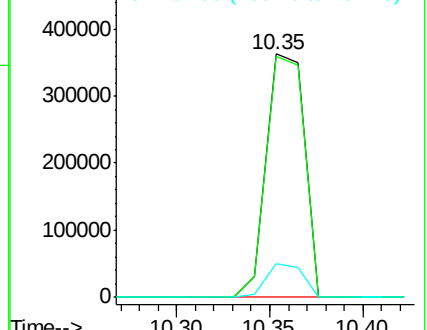


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.78 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF088706.D

Acq: 5 Jul 2016 16:44

Tgt Ion:232 Resp: 126264

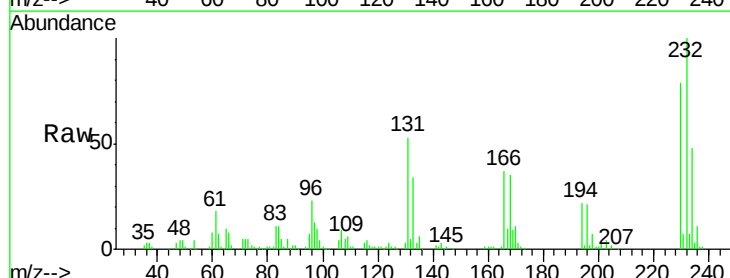
Ion Ratio Lower Upper

232 100

131 56.0 0.9 1.3#

130 2.7 1.5 2.3#

166 36.9 0.5 0.7#



Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

