

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078101.D
 Acq On : 31 Mar 2015 3:40
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 31 03:14:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:37:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	35706	20.00	ng	-0.01
21) Naphthalene-d8	8.64	136	147998	20.00	ng	-0.01
38) Acenaphthene-d10	10.81	164	72533	20.00	ng	-0.01
63) Phenanthrene-d10	12.65	188	138689	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	157356	20.00	ng	0.00
86) Perylene-d12	17.62	264	151777	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	161800	79.10	ng	-0.02
7) Phenol-d6	6.65	99	202523	80.13	ng	-0.02
23) Nitrobenzene-d5	7.76	82	177836	78.77	ng	-0.02
41) 2,4,6-Tribromophenol	11.79	330	50850	73.27	ng	-0.01
44) 2-Fluorobiphenyl	9.98	172	392978	79.62	ng	-0.01
78) Terphenyl-d14	14.64	244	468617	72.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.90	88	34439	37.08	ng	# 100
3) Pyridine	2.56	79	102152	40.94	ng	98
4) n-Nitrosodimethylamine	2.50	42	35937	33.07	ng	93
6) Aniline	6.65	93	140644	38.90	ng	# 90
8) 2-Chlorophenol	6.80	128	95727	39.31	ng	96
9) Benzaldehyde	6.51	77	45022	43.48	ng	83
10) Phenol	6.66	94	121533	40.68	ng	93
11) bis(2-Chloroethyl)ether	6.76	93	89691	40.08	ng	98
12) 1,3-Dichlorobenzene	6.98	146	106003	39.14	ng	96
13) 1,4-Dichlorobenzene	7.08	146	110584	39.30	ng	96
14) 1,2-Dichlorobenzene	7.26	146	102101	39.58	ng	97
15) Benzyl Alcohol	7.25	79	75511	38.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.44	45	116688	38.69	ng	98
17) 2-Methylphenol	7.41	107	76158	38.42	ng	98
18) Hexachloroethane	7.68	117	36789	39.86	ng	91
19) n-Nitroso-di-n-propylamine	7.58	70	67592	38.66	ng	98
20) 3+4-Methylphenols	7.61	107	102602	39.45	ng	97
22) Acetophenone	7.57	105	129322	39.47	ng	97
24) Nitrobenzene	7.78	77	96822	39.81	ng	96
25) Isophorone	8.08	82	171929	37.71	ng	# 91
26) 2-Nitrophenol	8.18	139	44784	37.61	ng	96
27) 2,4-Dimethylphenol	8.25	122	80035	36.89	ng	94
28) bis(2-Chloroethoxy)methane	8.37	93	106059	38.32	ng	# 97
29) 2,4-Dichlorophenol	8.48	162	77605	37.53	ng	94
30) 1,2,4-Trichlorobenzene	8.57	180	86086	37.21	ng	93
31) Naphthalene	8.66	128	291646	38.37	ng	100
32) Benzoic acid	8.37	122	37603	32.16	ng	99
33) 4-Chloroaniline	8.75	127	120128	38.94	ng	97
34) Hexachlorobutadiene	8.82	225	48843	37.25	ng	96
35) Caprolactam	9.16	113	23699	39.21	ng	92
36) 4-Chloro-3-methylphenol	9.37	107	80919	38.89	ng	95
37) 2-Methylnaphthalene	9.53	142	192791	37.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	79795	36.88	ng	# 100
40) Hexachlorocyclopentadiene	9.71	237	33538	32.91	ng	98

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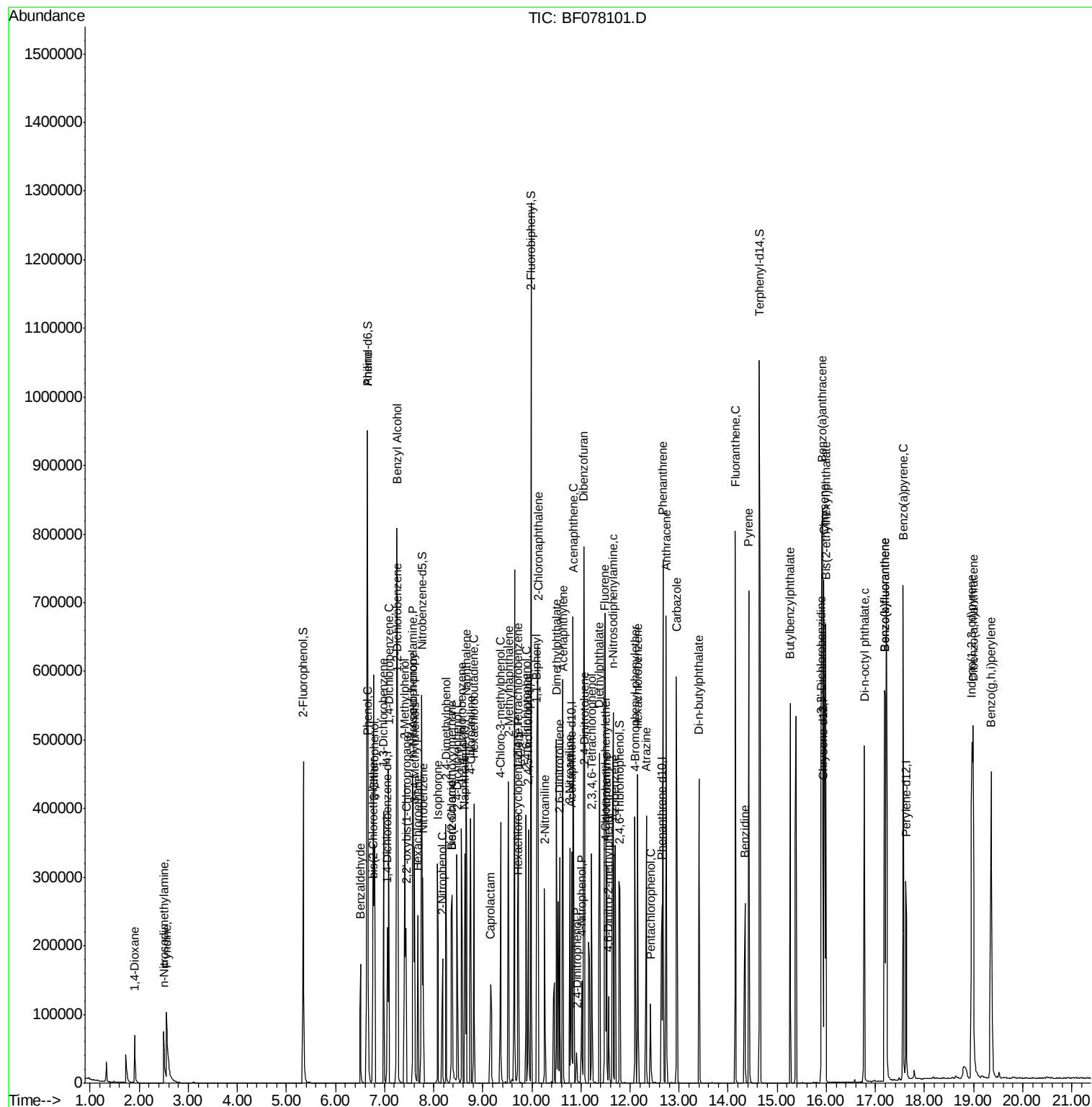
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	57462	38.34	ng	98
43) 2,4,5-Trichlorophenol	9.93	196	62152	38.39	ng	# 88
45) 1,1'-Biphenyl	10.10	154	225222	38.84	ng	96
46) 2-Chloronaphthalene	10.12	162	187709	39.84	ng	96
47) 2-Nitroaniline	10.26	65	45924	39.24	ng	92
48) Acenaphthylene	10.64	152	308046	39.31	ng	99
49) Dimethylphthalate	10.50	163	204718	38.05	ng	100
50) 2,6-Dinitrotoluene	10.57	165	44620	40.01	ng	93
51) Acenaphthene	10.84	154	173934	38.72	ng	99
52) 3-Nitroaniline	10.77	138	54522	42.10	ng	88
53) 2,4-Dinitrophenol	10.91	184	8479	26.67	ng	# 81
54) Dibenzofuran	11.06	168	258265	38.76	ng	93
55) 4-Nitrophenol	11.01	139	33100	34.50	ng	96
56) 2,4-Dinitrotoluene	11.07	165	60585	41.66	ng	# 62
57) Fluorene	11.48	166	213887	38.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.22	232	45196	36.26	ng	# 100
59) Diethylphthalate	11.38	149	209202	39.91	ng	99
60) 4-Chlorophenyl-phenylether	11.51	204	94703	37.51	ng	92
61) 4-Nitroaniline	11.53	138	54364	42.12	ng	80
62) Azobenzene	11.69	77	196393	39.20	ng	88
64) 4,6-Dinitro-2-methylphenol	11.56	198	20142	32.30	ng	77
65) n-Nitrosodiphenylamine	11.65	169	185860	40.25	ng	99
66) 4-Bromophenyl-phenylether	12.10	248	58207	39.33	ng	# 81
67) Hexachlorobenzene	12.16	284	62226	38.26	ng	# 86
68) Atrazine	12.33	200	51116	39.50	ng	97
69) Pentachlorophenol	12.42	266	20767	26.52	ng	98
70) Phenanthrene	12.67	178	318847	40.05	ng	99
71) Anthracene	12.74	178	328030	41.70	ng	99
72) Carbazole	12.95	167	314941	42.09	ng	99
73) Di-n-butylphthalate	13.40	149	328989	39.21	ng	99
74) Fluoranthene	14.15	202	353266	40.23	ng	96
76) Benzidine	14.34	184	135655	34.79	ng	98
77) Pyrene	14.42	202	376161	38.02	ng	99
79) Butylbenzylphthalate	15.27	149	136500	34.99	ng	90
80) Benzo(a)anthracene	15.92	228	371296	39.81	ng	99
81) 3,3'-Dichlorobenzidine	15.89	252	112657	36.61	ng	# 97
82) Chrysene	15.95	228	327138	39.00	ng	99
83) Bis(2-ethylhexyl)phthalate	15.99	149	212145	35.90	ng	# 96
84) Di-n-octyl phthalate	16.77	149	363756	36.00	ng	100
85) Indeno(1,2,3-cd)pyrene	18.97	276	421884	40.30	ng	# 100
87) Benzo(b)fluoranthene	17.20	252	373591	37.70	ng	# 94
88) Benzo(k)fluoranthene	17.20	252	373591	48.27	ng	# 98
89) Benzo(a)pyrene	17.56	252	331124	40.05	ng	# 97
90) Dibenzo(a,h)anthracene	18.99	278	325228	39.66	ng	99
91) Benzo(g,h,i)perylene	19.36	276	331663	39.73	ng	98

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

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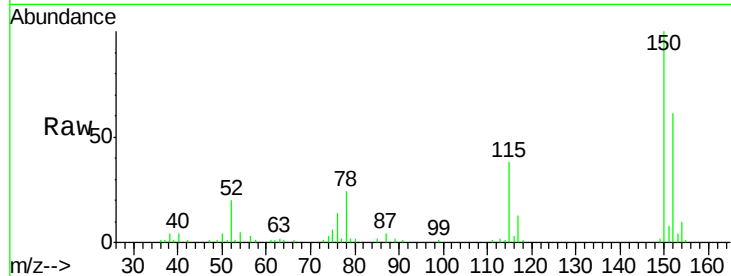


#1

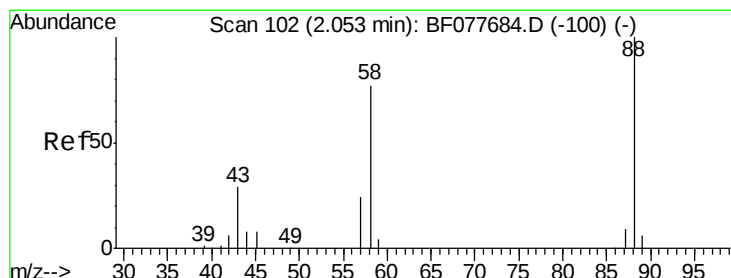
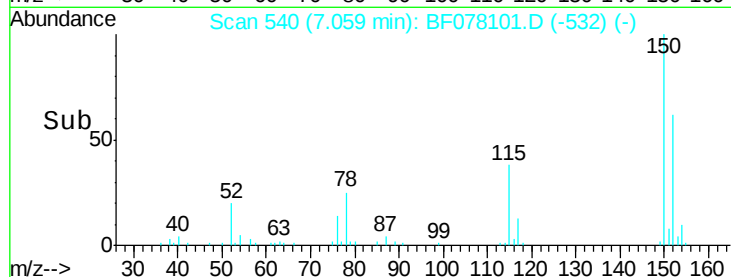
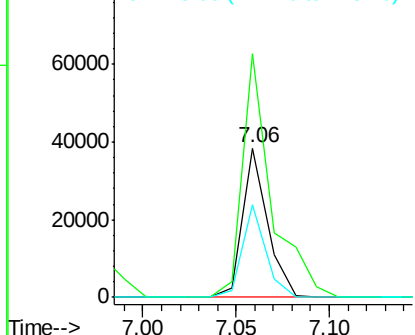
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 35706
Ion Ratio Lower Upper
152 100
150 163.5 119.5 179.3
115 62.4 43.0 64.4



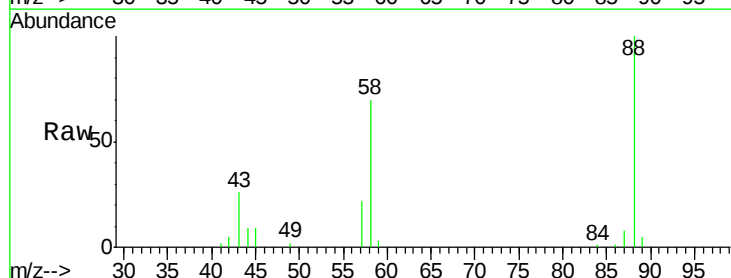
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



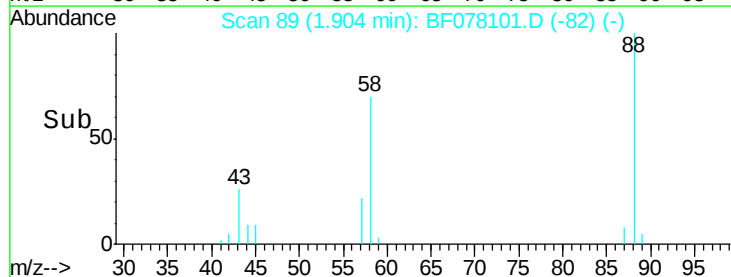
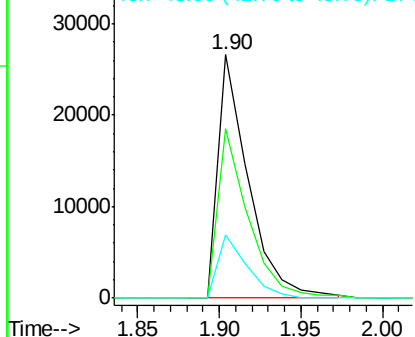
#2

1,4-Dioxane
Concen: 37.08 ng
RT: 1.90 min Scan# 89
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion: 88 Resp: 34439
Ion Ratio Lower Upper
88 100
58 69.6 0.0 0.0#
43 24.8 0.0 0.0#



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: 40.94 ng

RT: 2.56 min Scan# 146

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

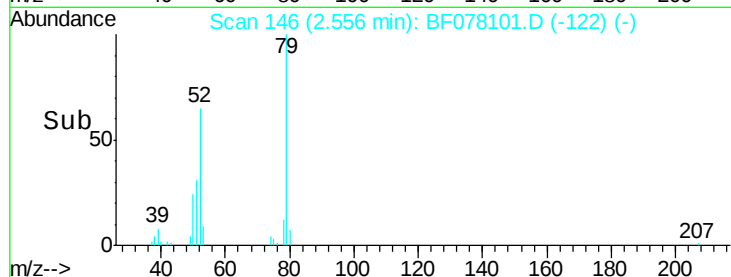
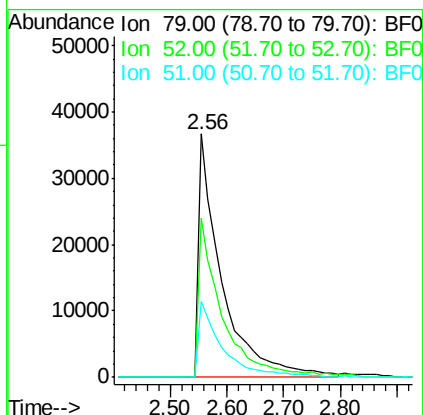
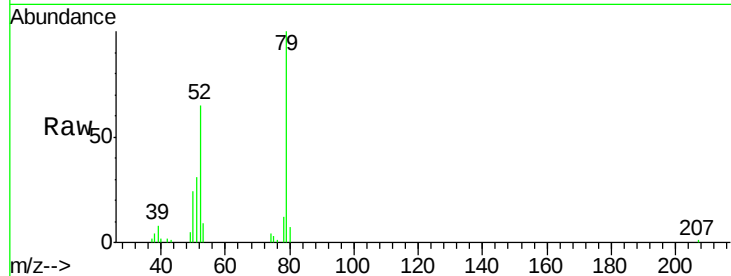
Tgt Ion: 79 Resp: 102152

Ion Ratio Lower Upper

79 100

52 65.2 51.1 76.7

51 31.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.07 ng

RT: 2.50 min Scan# 141

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

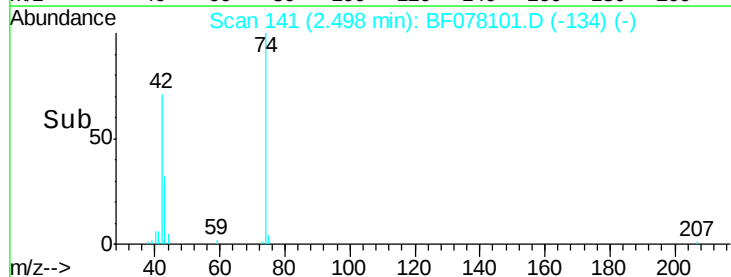
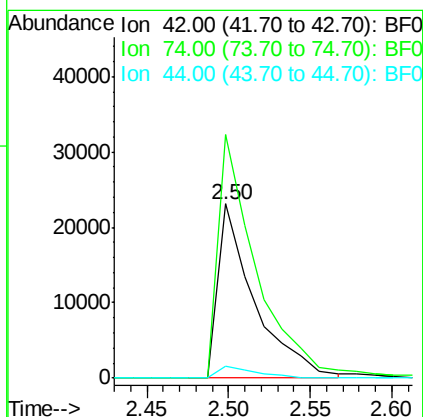
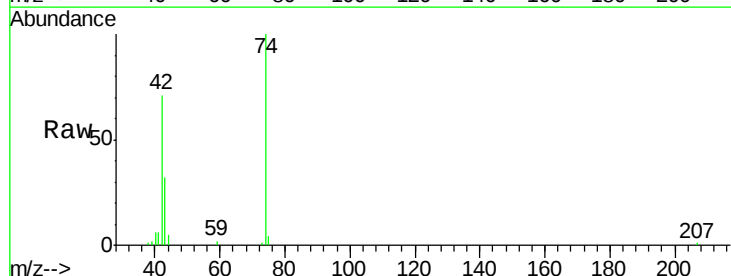
Tgt Ion: 42 Resp: 35937

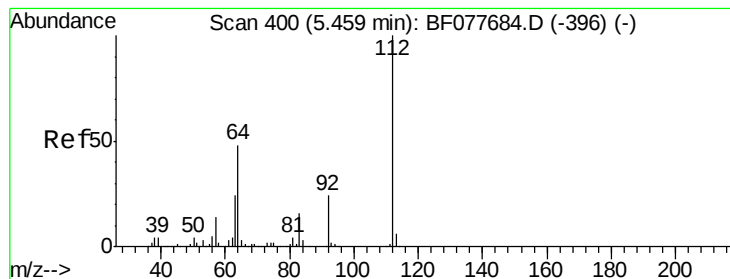
Ion Ratio Lower Upper

42 100

74 140.0 119.3 178.9

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 79.10 ng

RT: 5.34 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

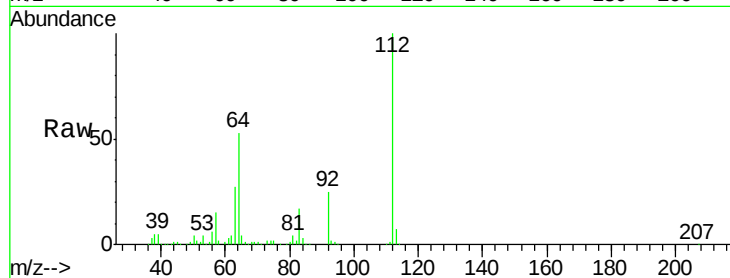
Tgt Ion: 112 Resp: 161800

Ion Ratio Lower Upper

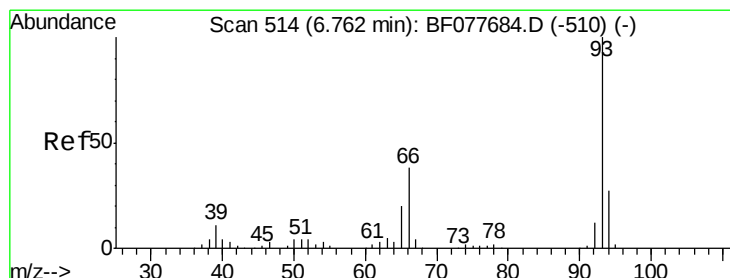
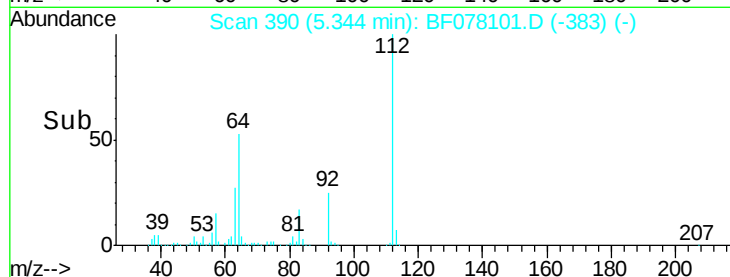
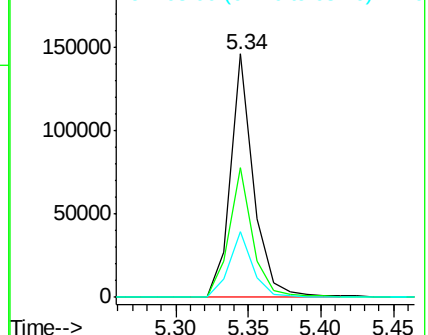
112 100

64 53.3 38.6 57.8

63 27.1 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BFO
Ion 64.00 (63.70 to 64.70): BFO
Ion 63.00 (62.70 to 63.70): BFO



#6

Aniline

Concen: 38.90 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

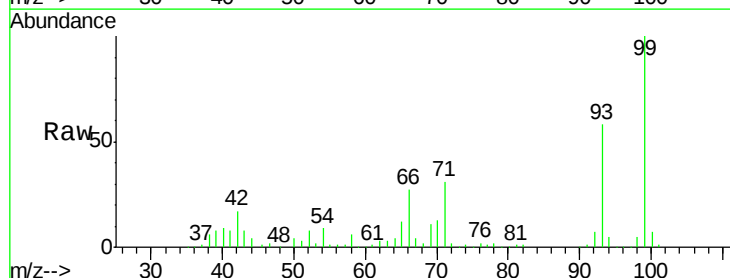
Tgt Ion: 93 Resp: 140644

Ion Ratio Lower Upper

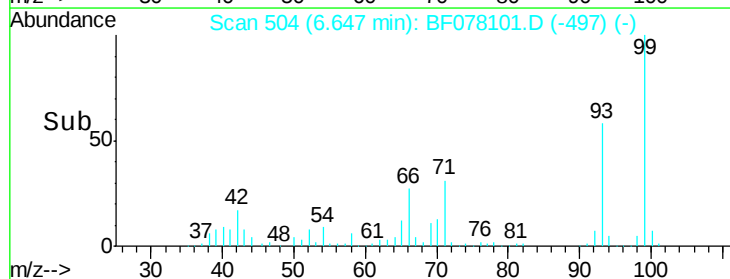
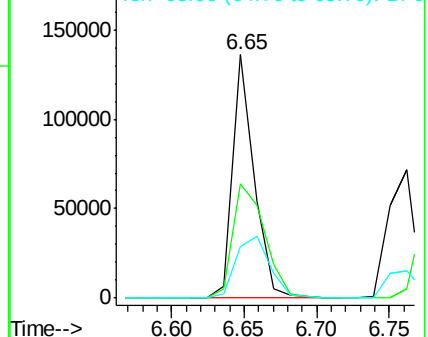
93 100

66 46.9 30.8 46.2#

65 21.0 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BFO
Ion 66.00 (65.70 to 66.70): BFO
Ion 65.00 (64.70 to 65.70): BFO





#7

Phenol-d6

Concen: 80.13 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF078101.D

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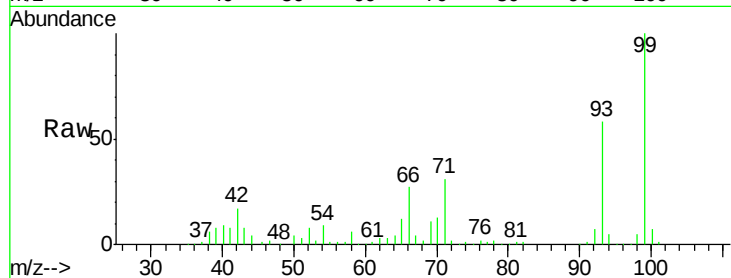
Tgt Ion: 99 Resp: 202523

Ion Ratio Lower Upper

99 100

42 17.0 11.0 16.4#

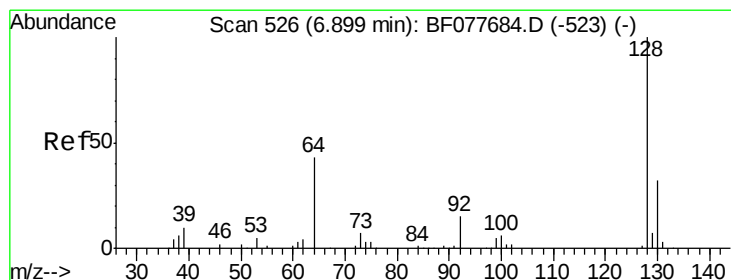
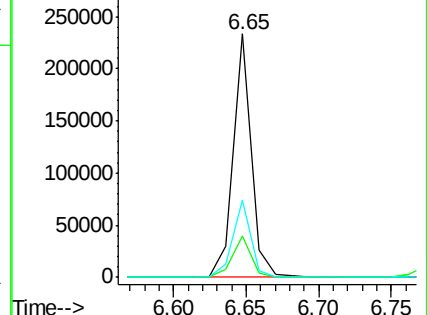
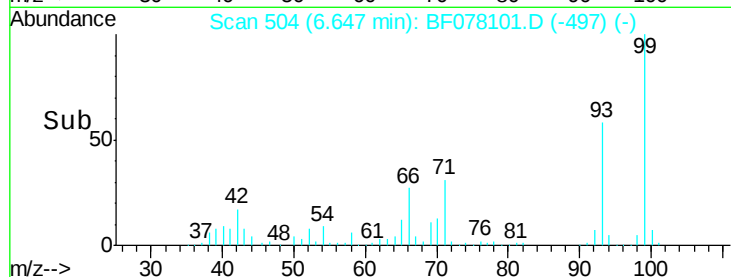
71 31.5 23.4 35.2



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: 39.31 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.01 min

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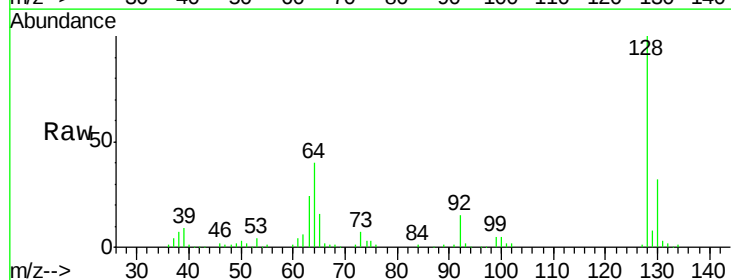
Tgt Ion: 128 Resp: 95727

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

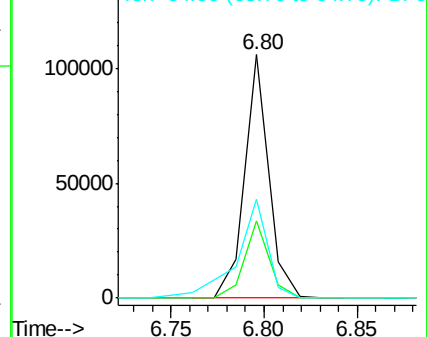
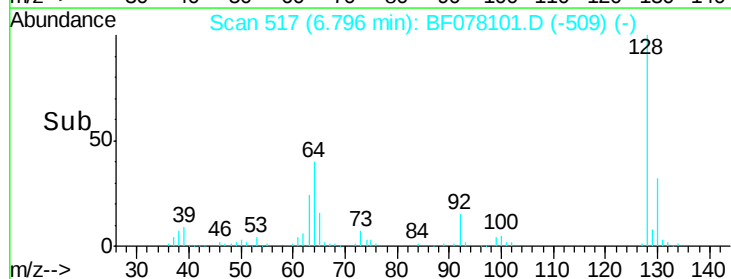
64 40.5 24.9 64.9

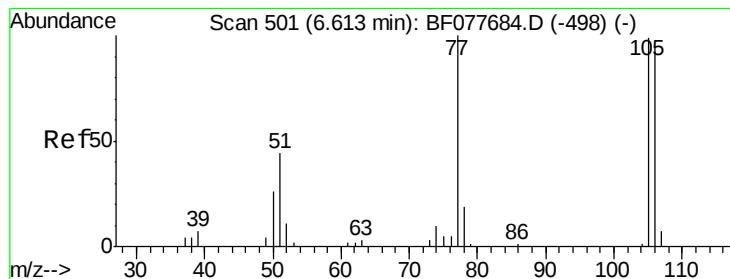


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.48 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.01 min

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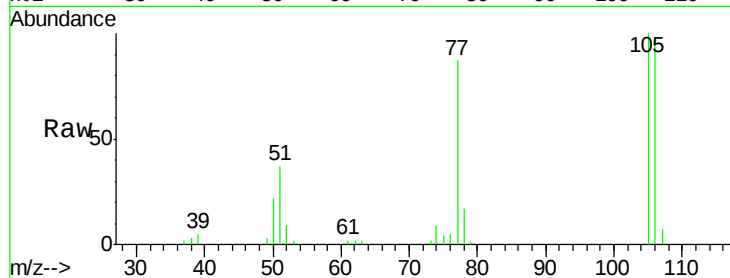
Tgt Ion: 77 Resp: 45022

Ion Ratio Lower Upper

77 100

105 115.0 78.8 118.8

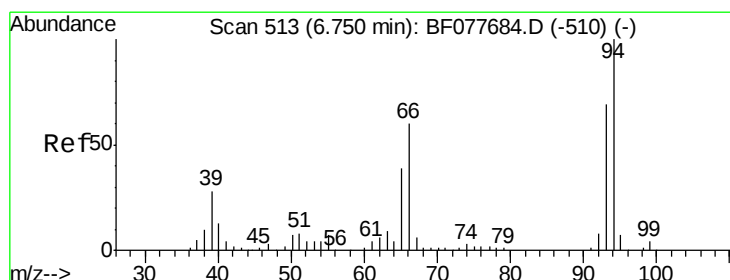
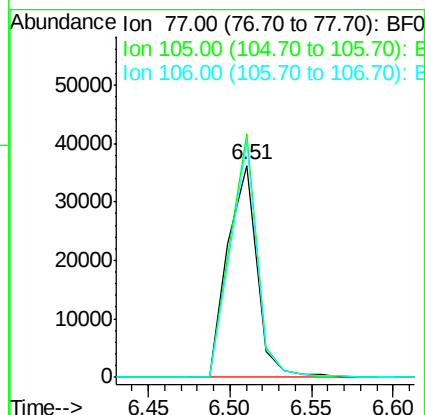
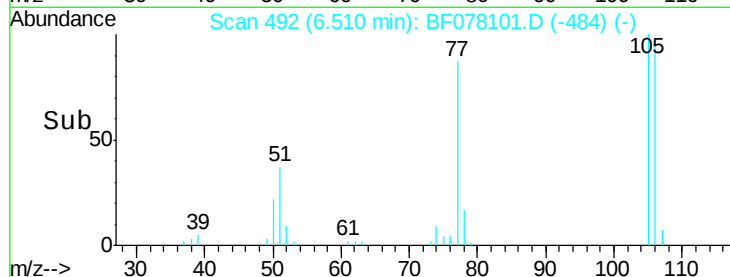
106 111.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.68 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.02 min

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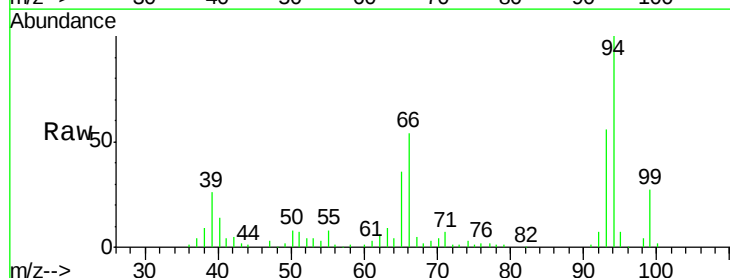
Tgt Ion: 94 Resp: 121533

Ion Ratio Lower Upper

94 100

65 35.9 18.8 58.8

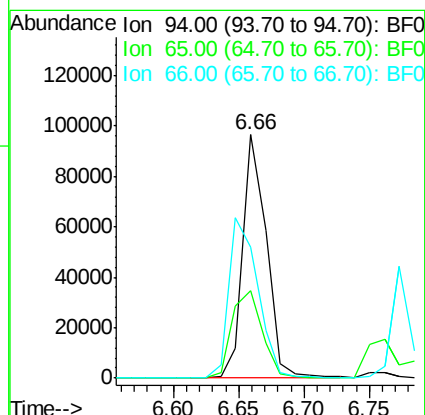
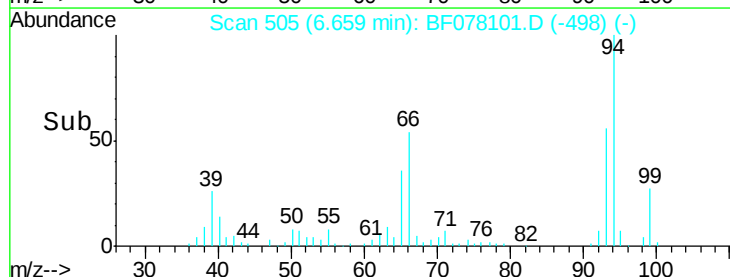
66 53.8 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.08 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

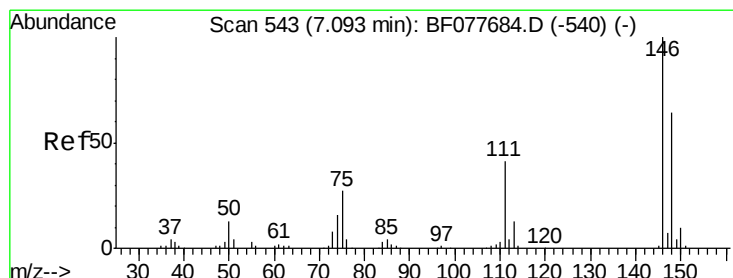
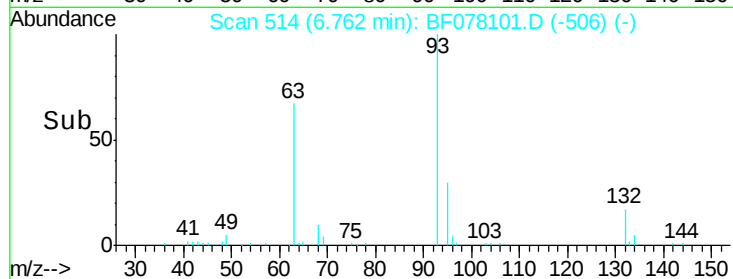
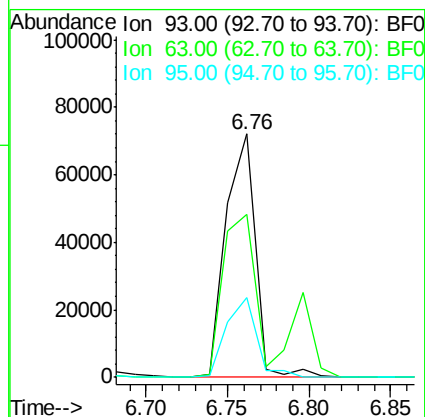
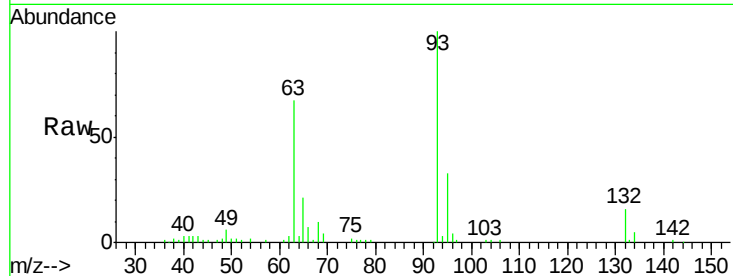
Tgt Ion: 93 Resp: 89691

Ion Ratio Lower Upper

93 100

63 67.1 49.5 89.5

95 33.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.14 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

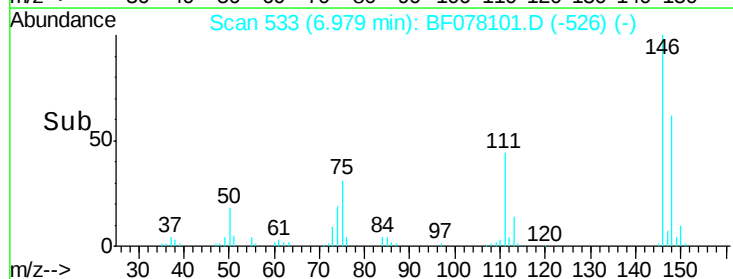
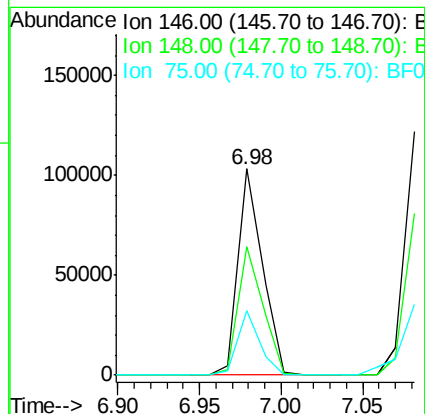
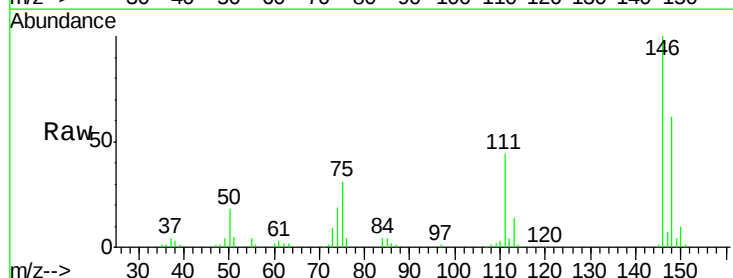
Tgt Ion: 146 Resp: 106003

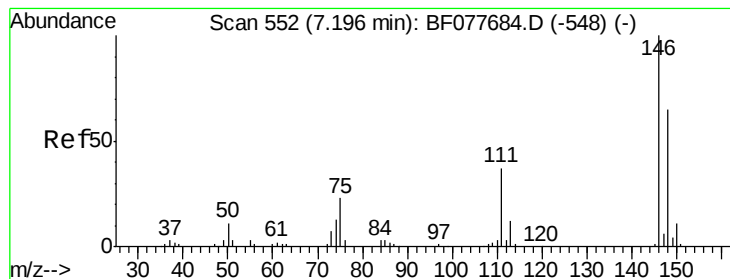
Ion Ratio Lower Upper

146 100

148 62.2 50.9 76.3

75 31.2 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 39.30 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

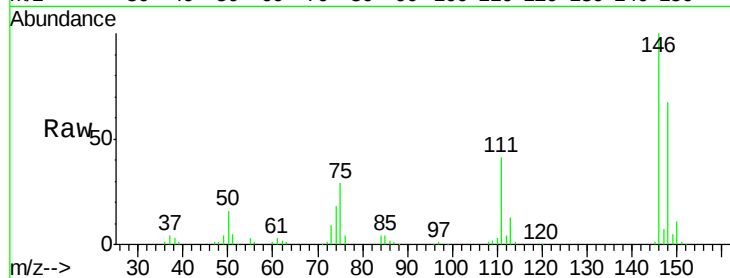
Tgt Ion:146 Resp: 110584

Ion Ratio Lower Upper

146 100

148 66.5 51.9 77.9

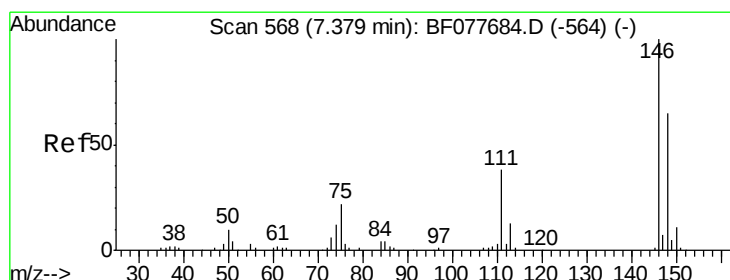
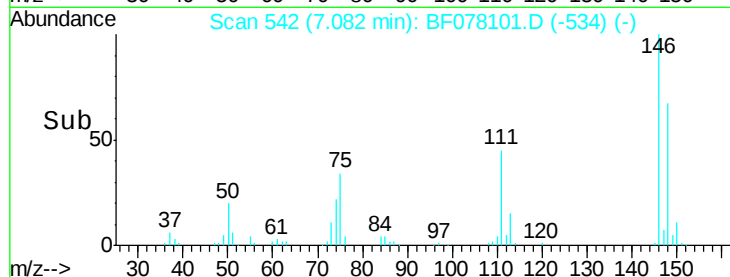
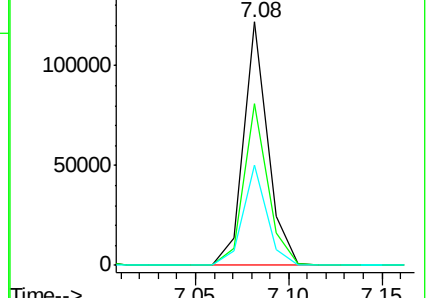
111 41.0 29.2 43.8



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: 39.58 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

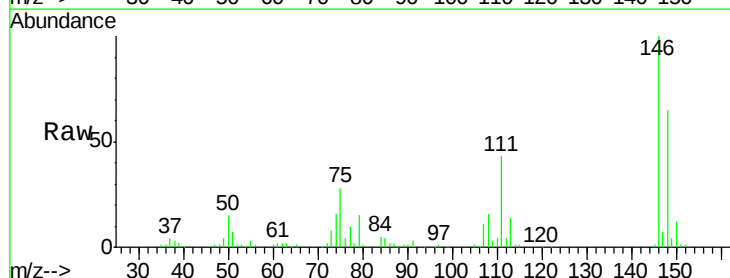
Tgt Ion:146 Resp: 102101

Ion Ratio Lower Upper

146 100

148 65.2 52.3 78.5

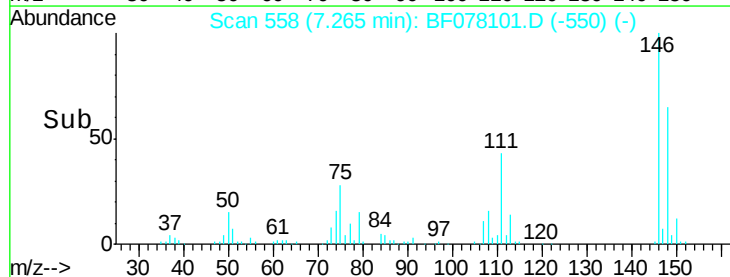
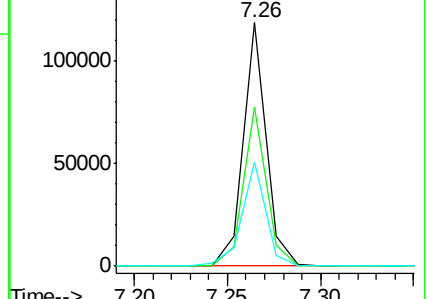
111 42.8 30.6 45.8

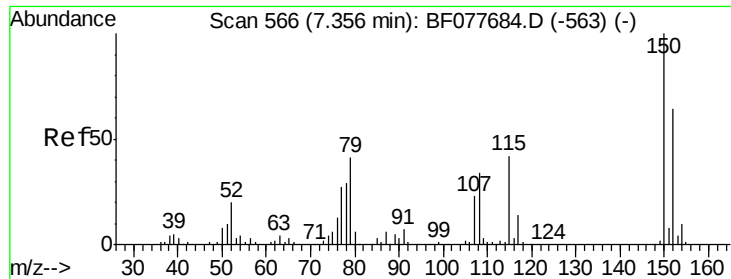


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.28 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

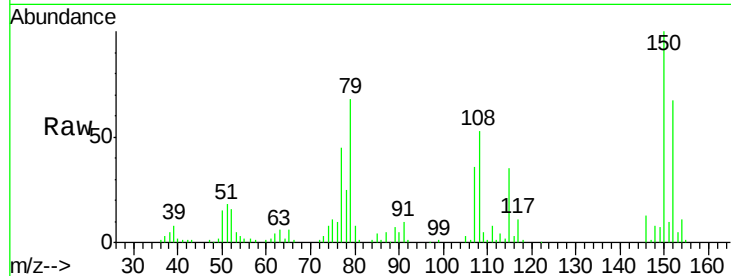
Tgt Ion: 79 Resp: 75511

Ion Ratio Lower Upper

79 100

108 77.7 65.0 97.4

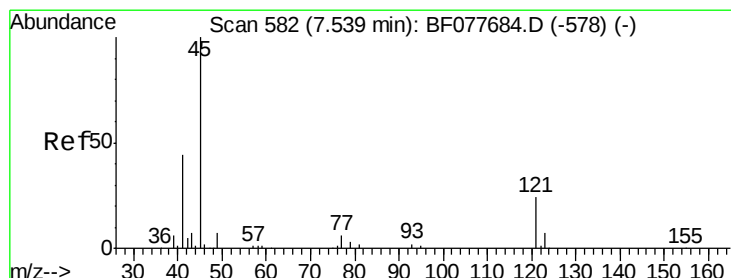
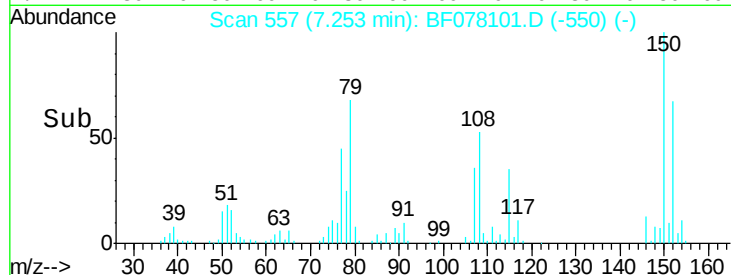
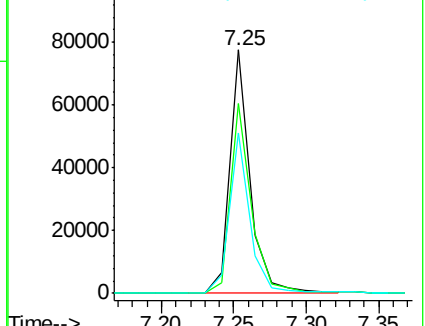
77 65.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.69 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

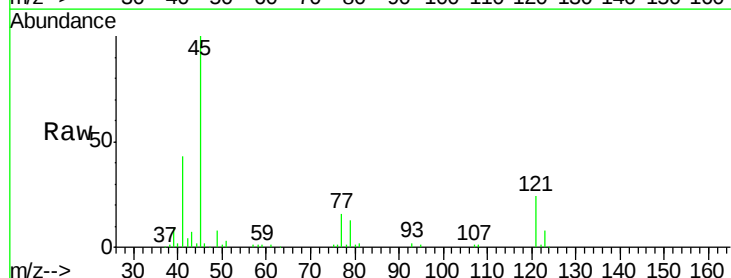
Tgt Ion: 45 Resp: 116688

Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.2

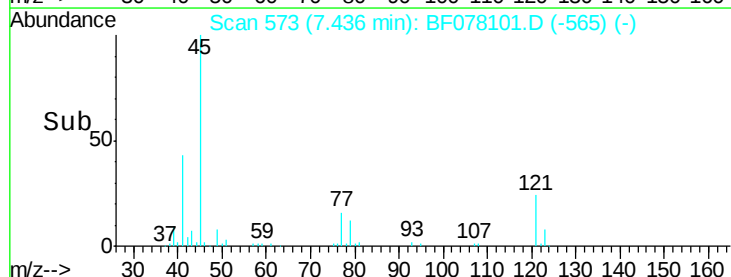
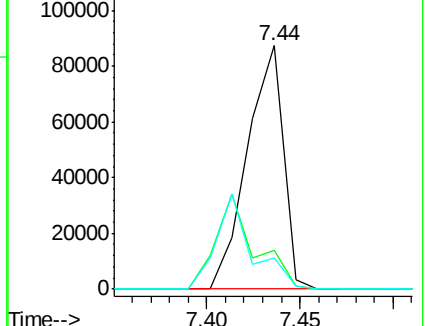
79 12.8 0.0 32.0

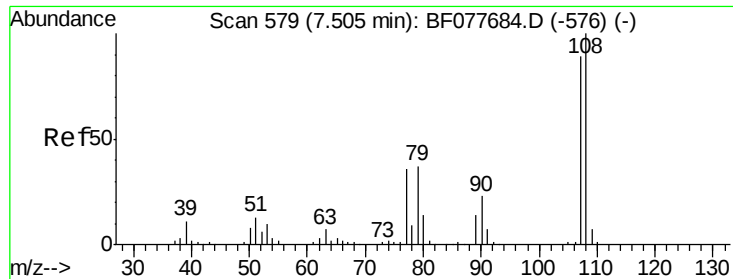


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

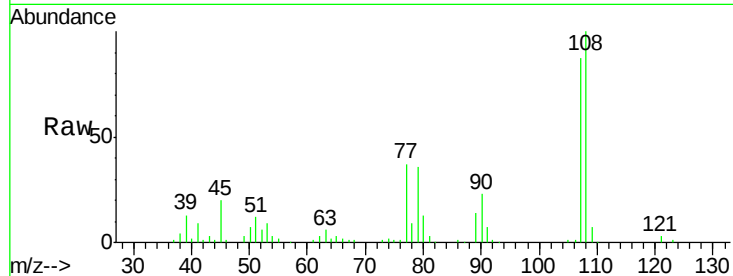




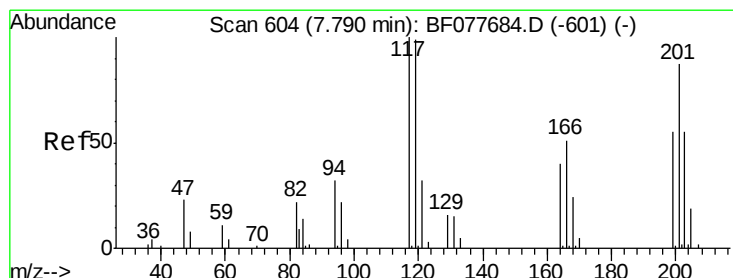
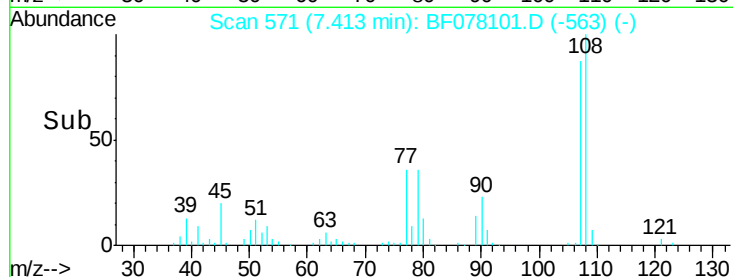
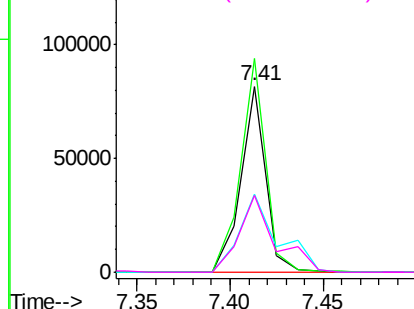
#17
2-Methylphenol
Concen: 38.42 ng
RT: 7.41 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 76158
Ion Ratio Lower Upper
107 100
108 115.1 89.8 134.8
77 42.0 32.6 48.8
79 41.7 32.8 49.2

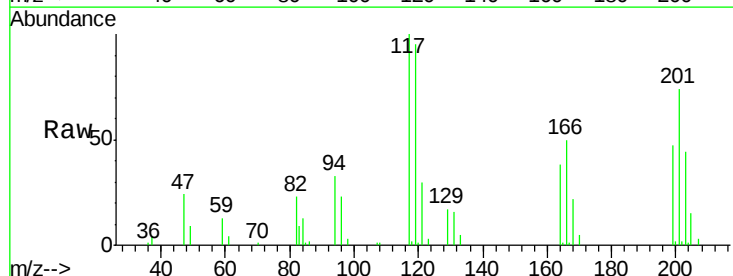


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

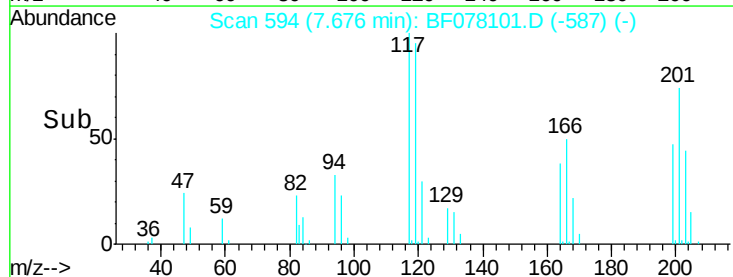
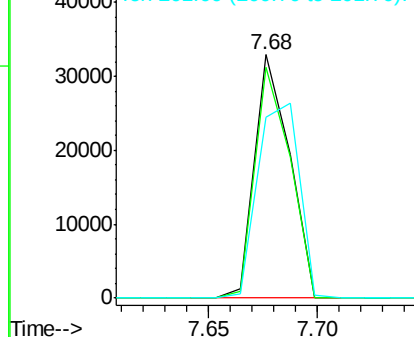


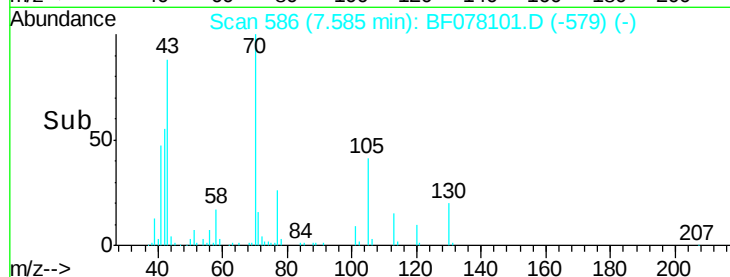
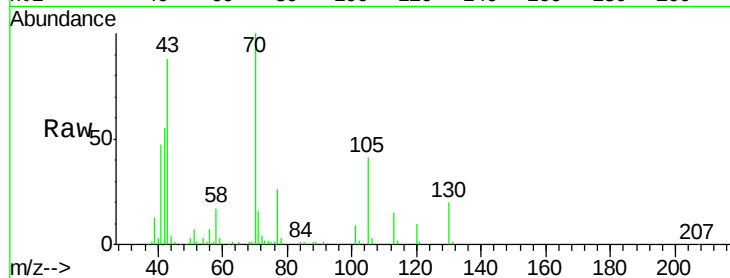
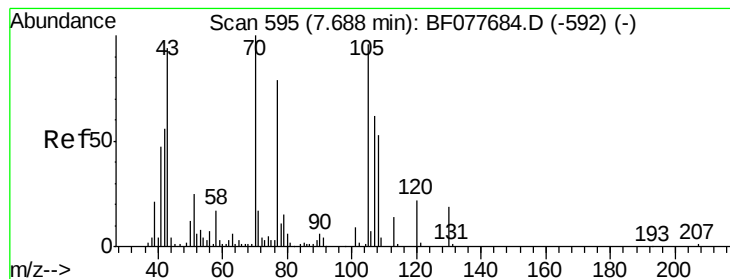
#18
Hexachloroethane
Concen: 39.86 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:117 Resp: 36789
Ion Ratio Lower Upper
117 100
119 94.7 79.2 118.8
201 74.2 69.8 104.6



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: 38.66 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 67592

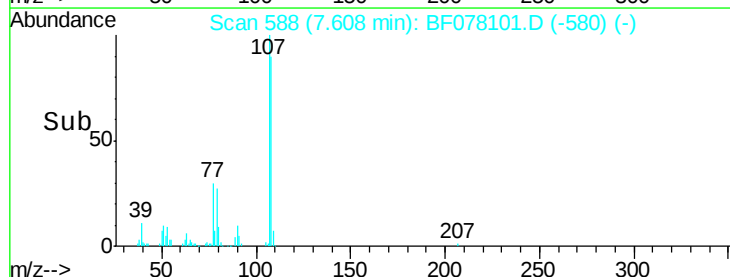
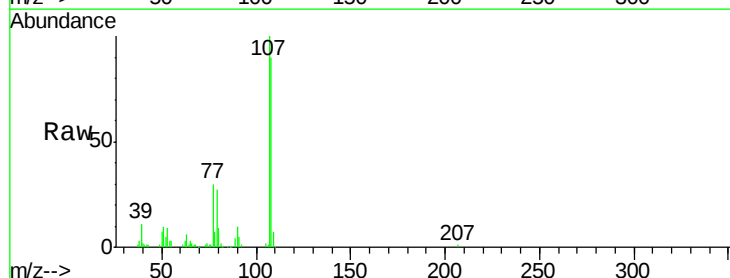
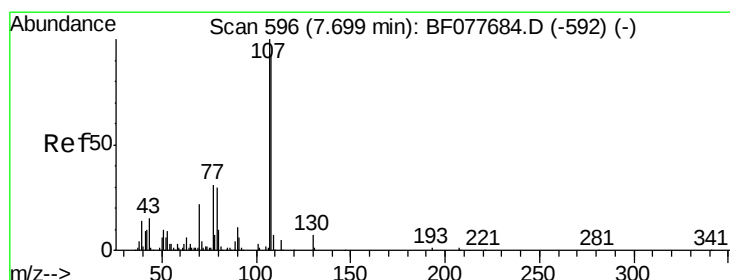
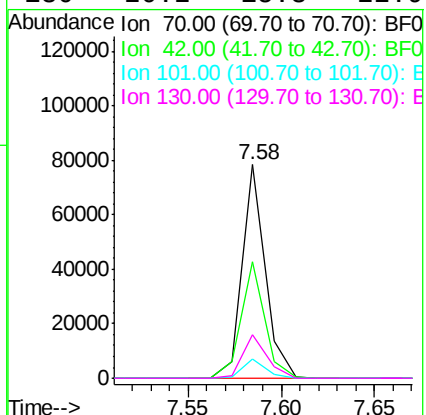
Ion Ratio Lower Upper

70 100

42 54.5 44.5 66.7

101 8.9 7.4 11.2

130 20.2 15.3 22.9



#20

3+4-Methylphenols

Concen: 39.45 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Tgt Ion: 107 Resp: 102602

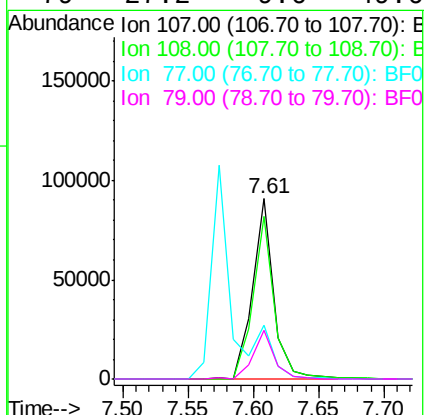
Ion Ratio Lower Upper

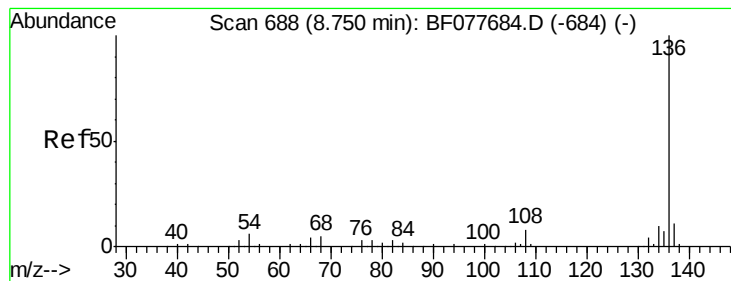
107 100

108 90.3 73.2 113.2

77 30.1 10.7 50.7

79 27.2 9.6 49.6

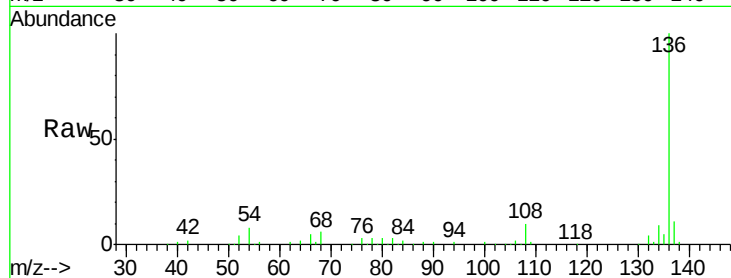




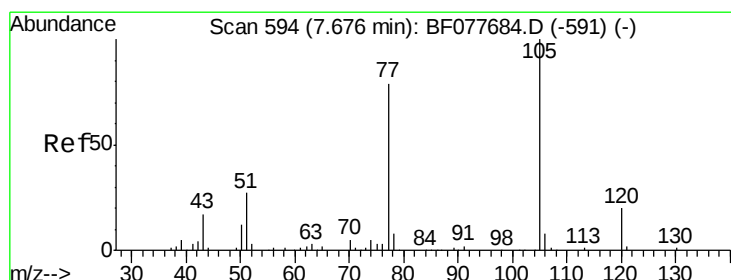
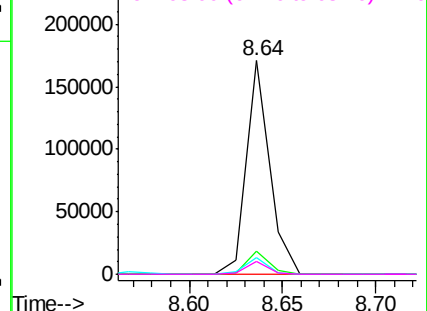
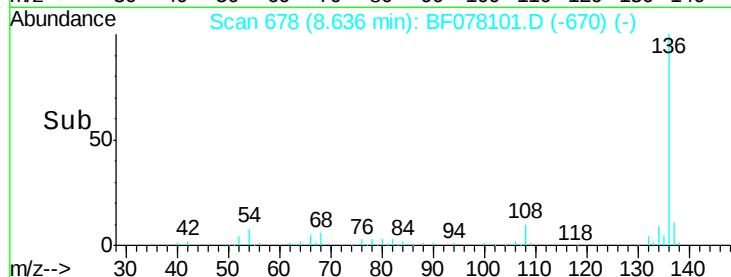
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	147998
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.6	4.6	6.8#
68	5.8	3.7	5.5#

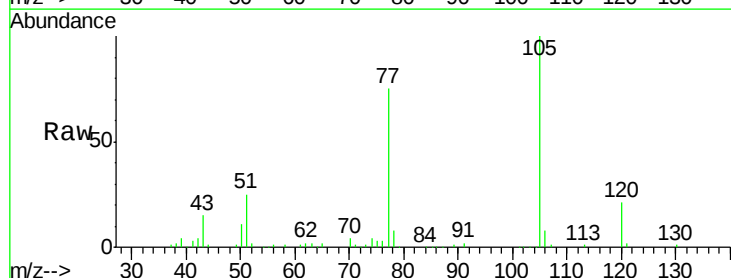


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

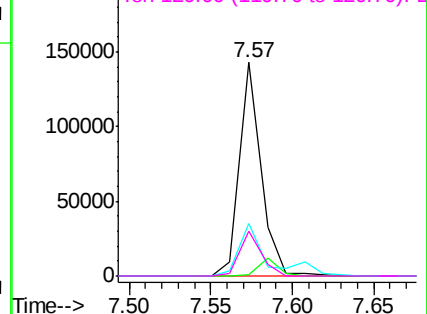
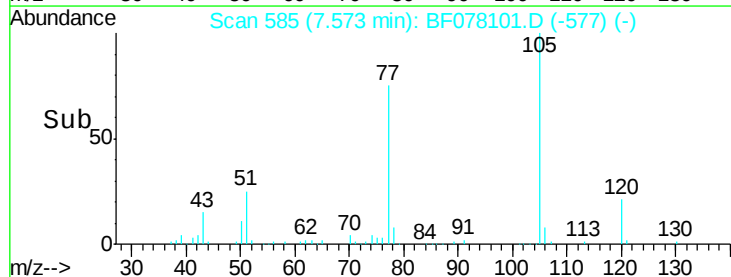


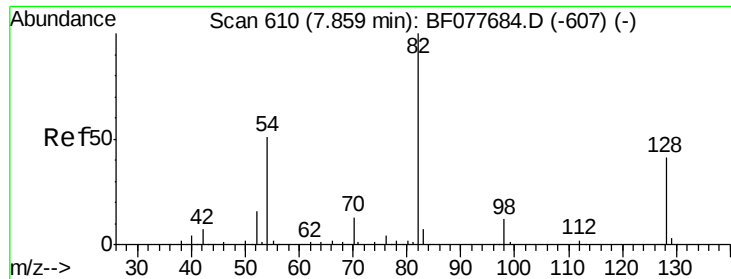
#22
Acetophenone
Concen: 39.47 ng
RT: 7.57 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:	105	Resp:	129322
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.6	1.0
51	24.8	21.6	32.4
120	20.8	16.1	24.1



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

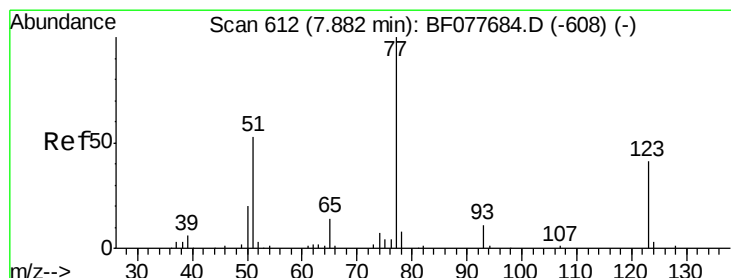
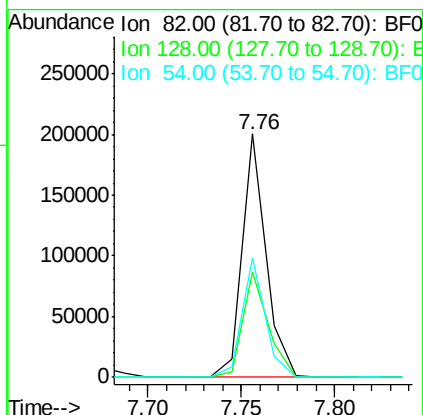
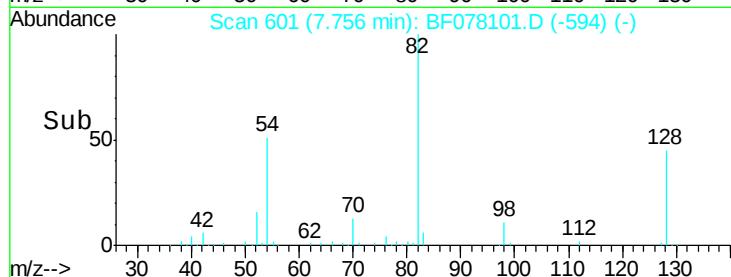
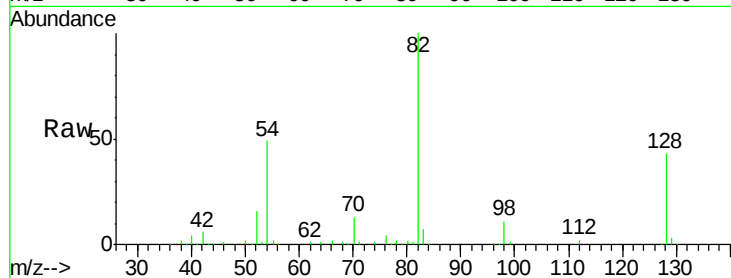




#23
Nitrobenzene-d5
Concen: 78.77 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

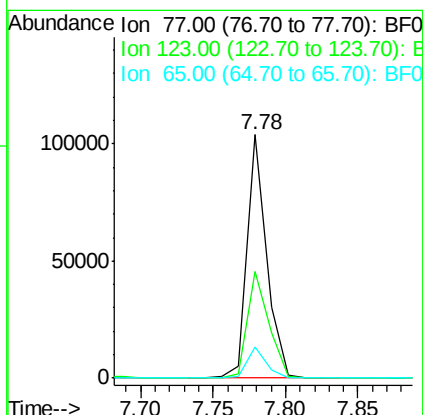
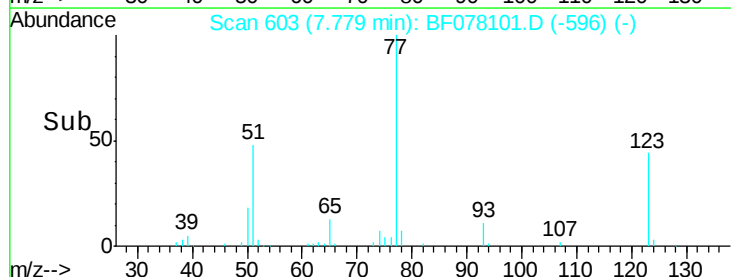
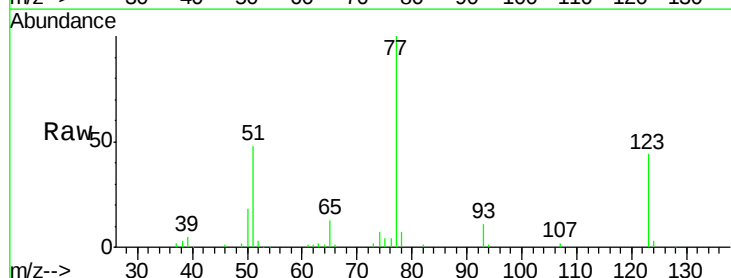
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

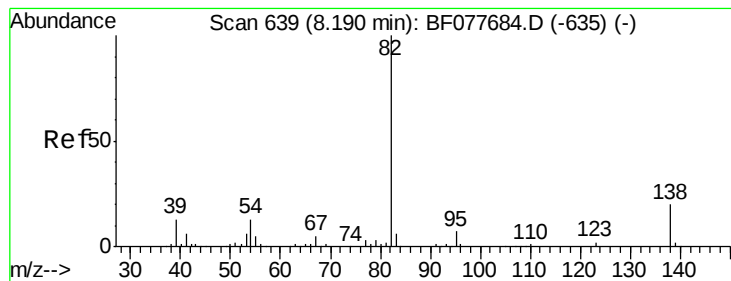
Tgt Ion: 82 Resp: 177836
Ion Ratio Lower Upper
82 100
128 43.3 32.8 49.2
54 48.9 40.6 60.8



#24
Nitrobenzene
Concen: 39.81 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion: 77 Resp: 96822
Ion Ratio Lower Upper
77 100
123 44.0 32.6 49.0
65 12.7 10.9 16.3





#25

Isophorone

Concen: 37.71 ng

RT: 8.08 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

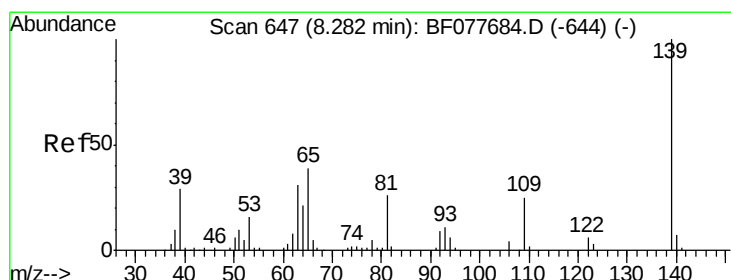
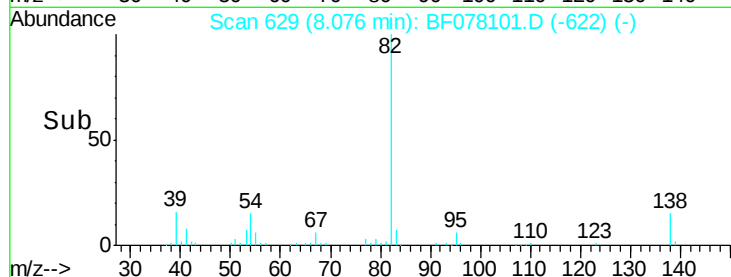
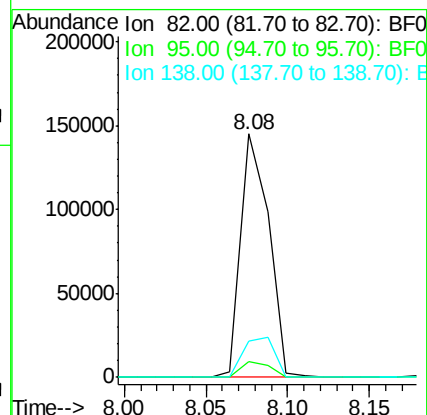
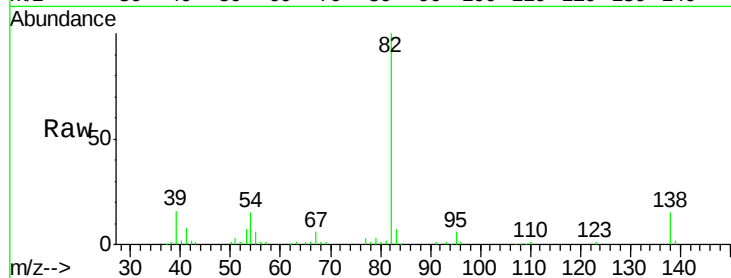
Tgt Ion: 82 Resp: 171929

Ion Ratio Lower Upper

82 100

95 6.3 5.8 8.6

138 14.9 16.3 24.5#



#26

2-Nitrophenol

Concen: 37.61 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

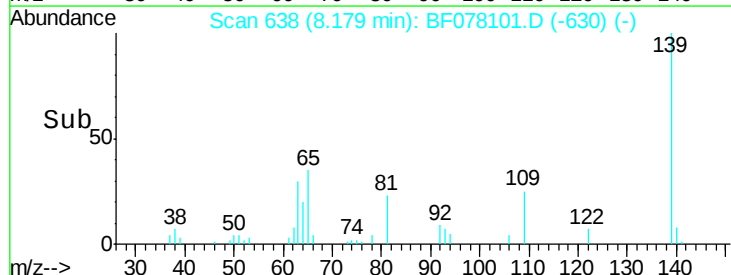
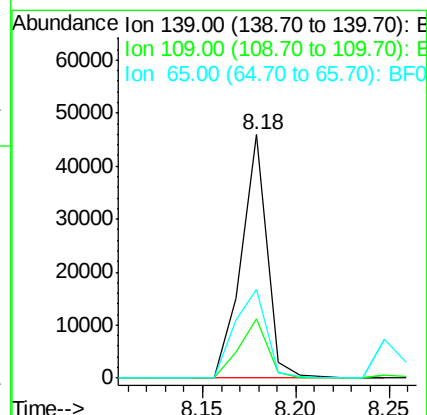
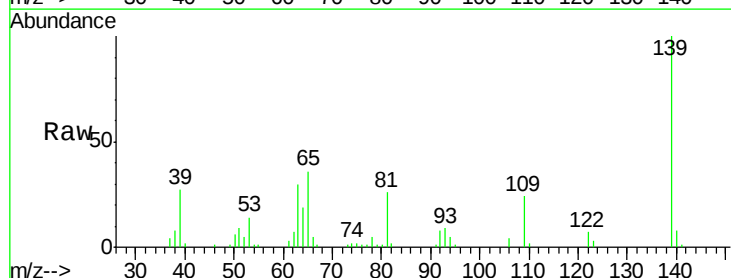
Tgt Ion: 139 Resp: 44784

Ion Ratio Lower Upper

139 100

109 24.3 20.1 30.1

65 36.3 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 36.89 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

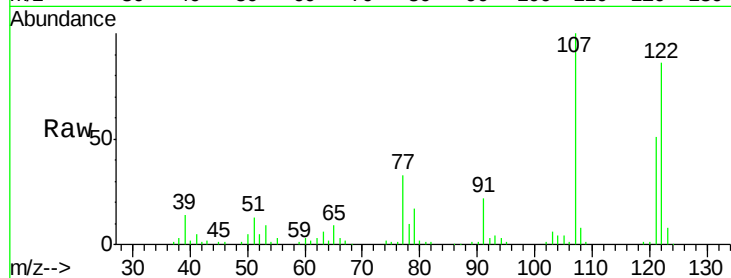
Tgt Ion: 122 Resp: 80035

Ion Ratio Lower Upper

122 100

107 115.7 84.7 127.1

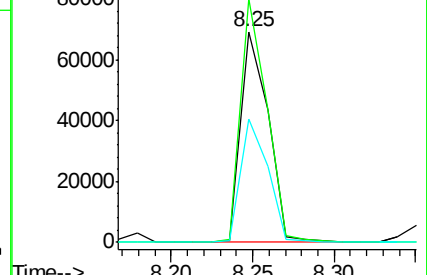
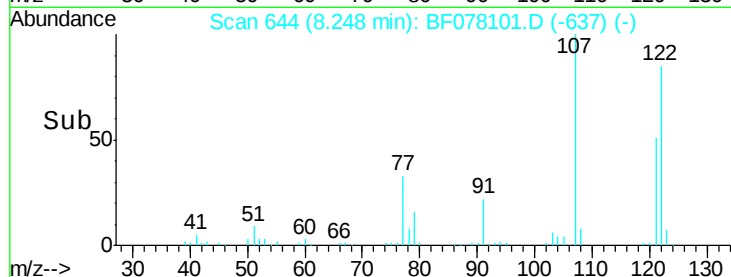
121 58.7 46.6 69.8



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: 38.32 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

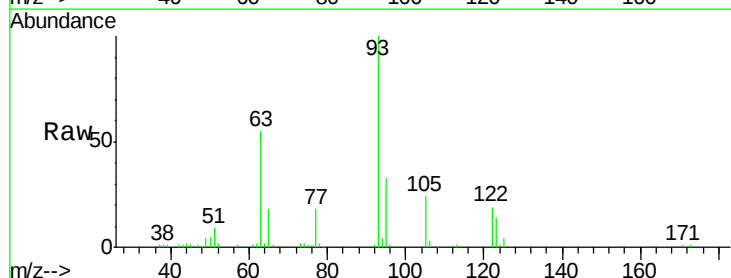
Tgt Ion: 93 Resp: 106059

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

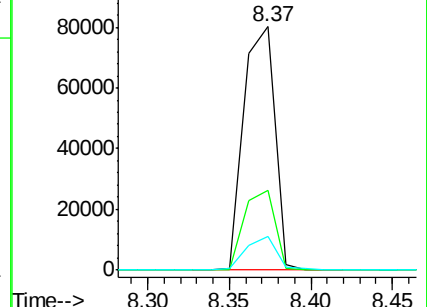
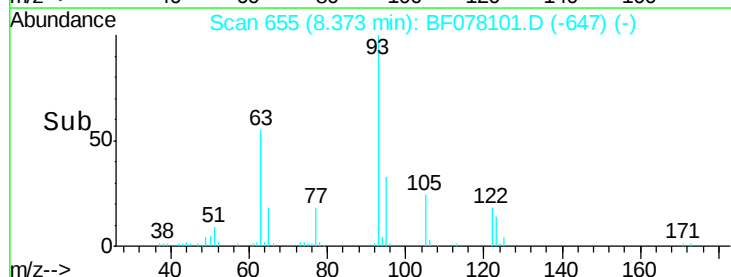
123 13.8 8.6 13.0#

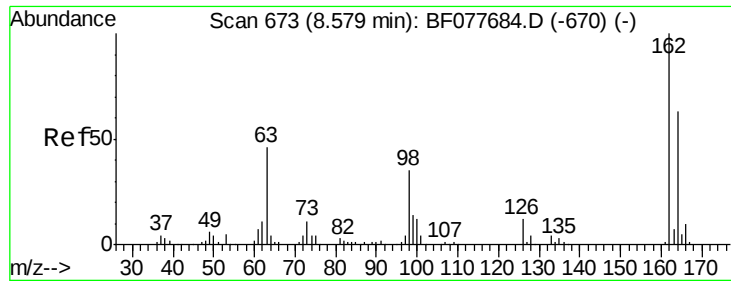


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

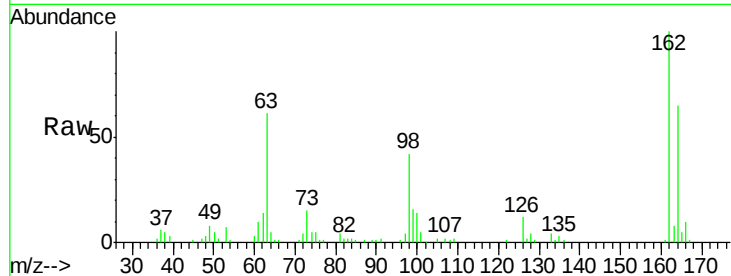




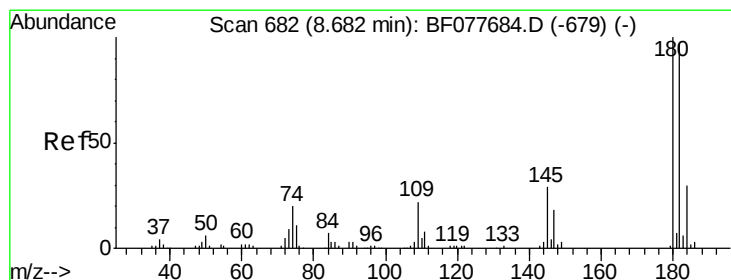
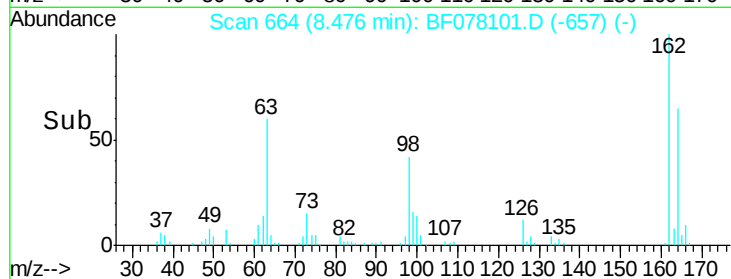
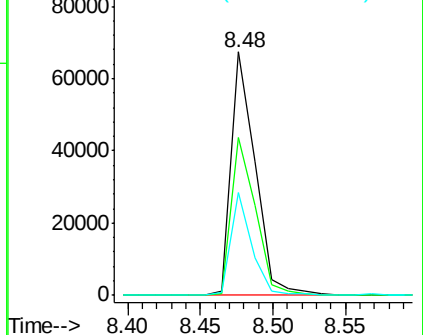
#29
2,4-Dichlorophenol
Concen: 37.53 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 77605
Ion Ratio Lower Upper
162 100
164 64.7 42.8 82.8
98 42.4 14.5 54.5

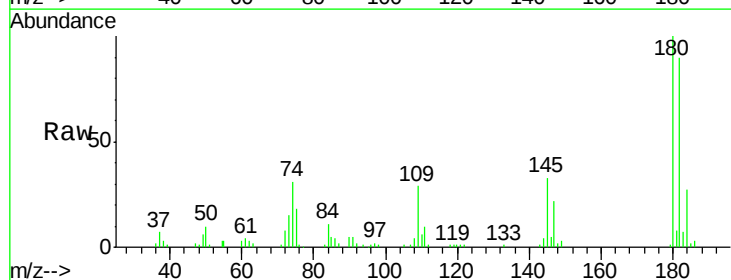


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

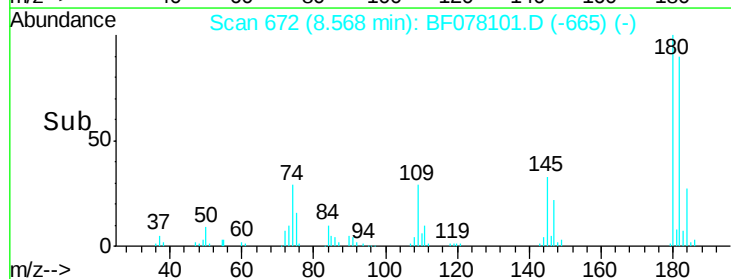
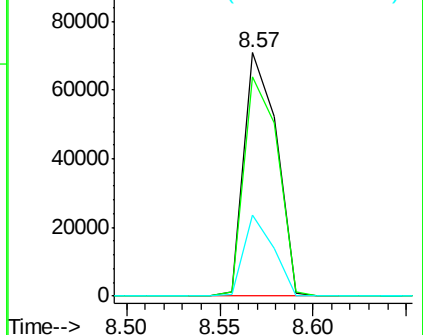


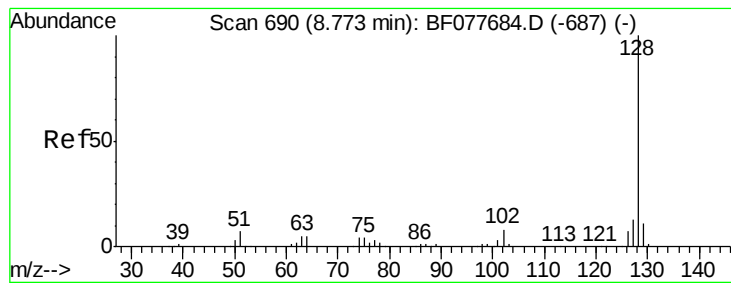
#30
1,2,4-Trichlorobenzene
Concen: 37.21 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:180 Resp: 86086
Ion Ratio Lower Upper
180 100
182 90.0 77.6 116.4
145 33.1 23.4 35.2



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: 38.37 ng

RT: 8.66 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

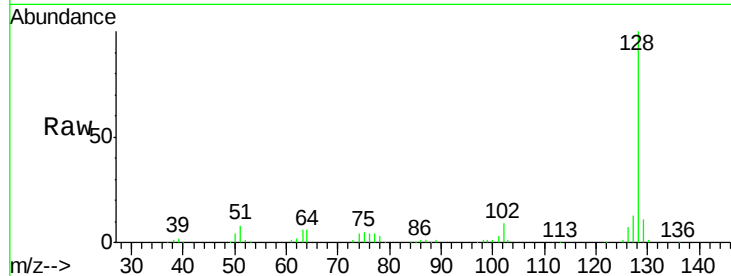
Tgt Ion:128 Resp: 291646

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

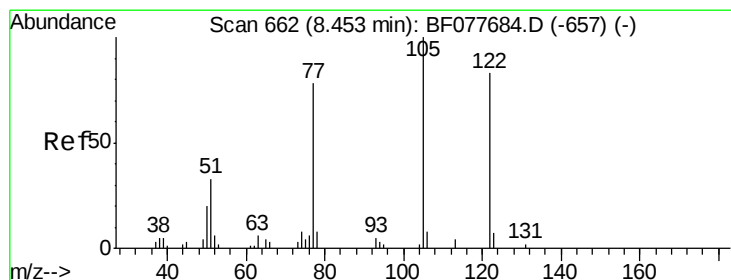
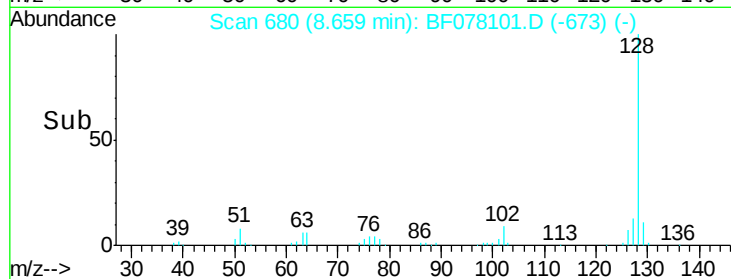
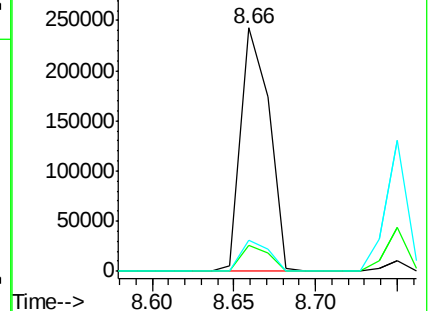
127 13.0 10.4 15.6



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: 32.16 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

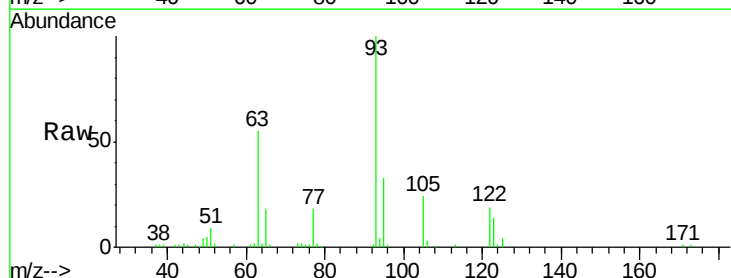
Tgt Ion:122 Resp: 37603

Ion Ratio Lower Upper

122 100

105 122.0 99.9 139.9

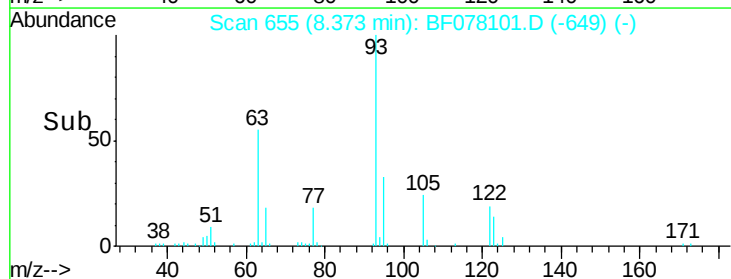
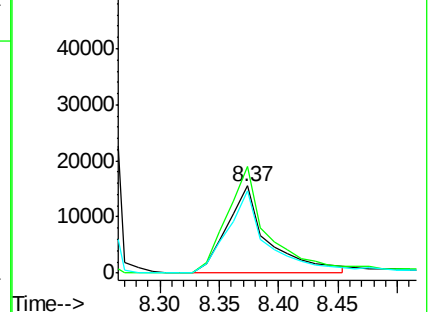
77 94.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

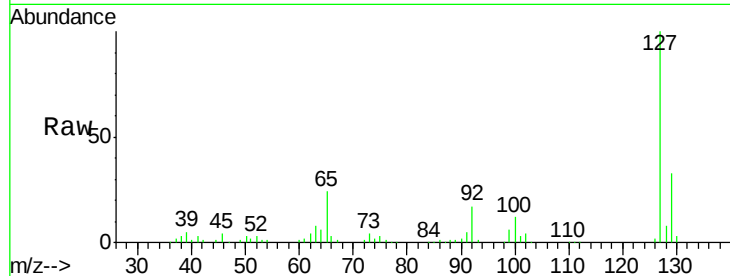




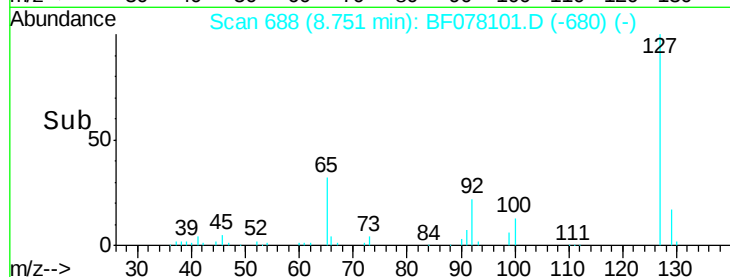
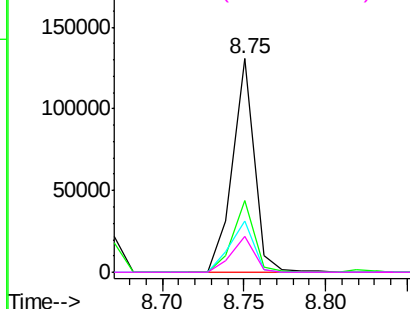
#33
4-Chloroaniline
Concen: 38.94 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	120128
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.3	37.9
65	23.9	17.6	26.4
92	16.6	13.1	19.7

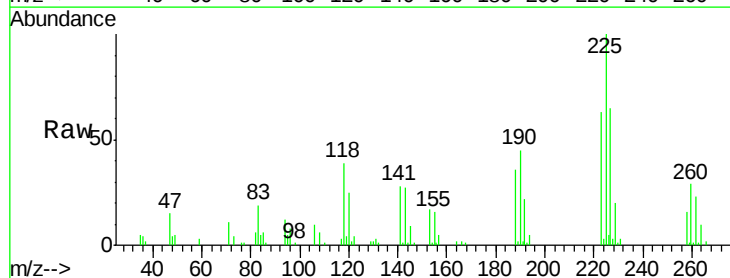


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

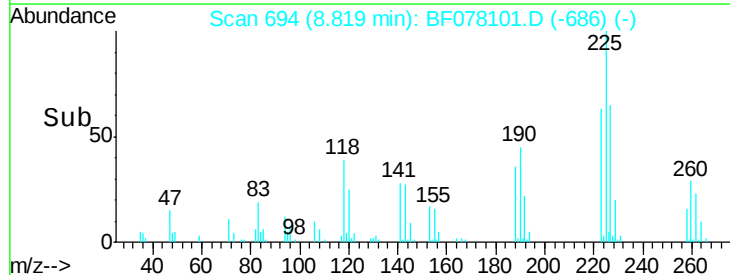
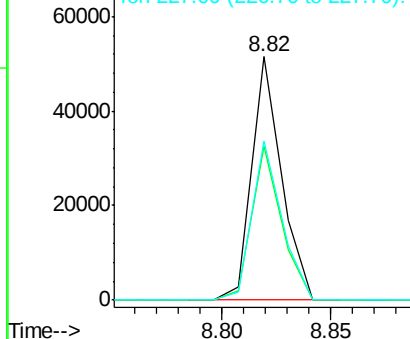


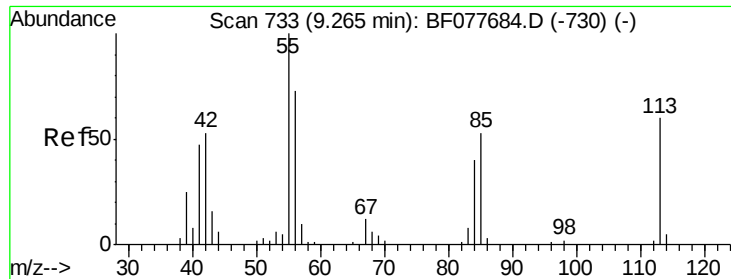
#34
Hexachlorobutadiene
Concen: 37.25 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:	225	Resp:	48843
Ion	Ratio	Lower	Upper
225	100		
223	63.5	47.9	71.9
227	65.2	50.1	75.1



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

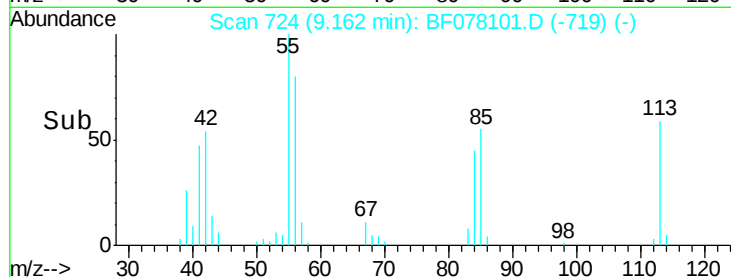
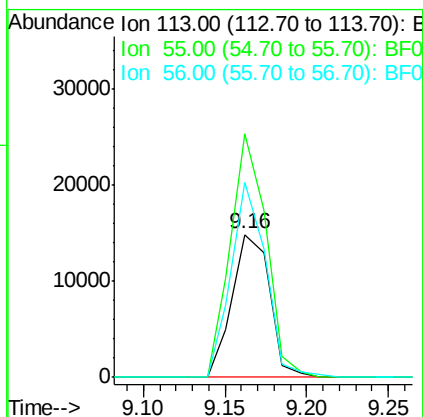
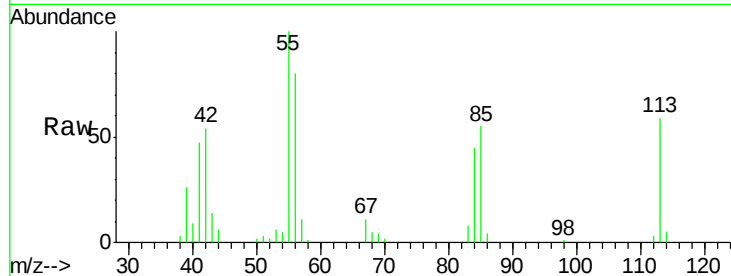




#35
 Caprolactam
 Concen: 39.21 ng
 RT: 9.16 min Scan# 724
 Delta R.T. -0.05 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

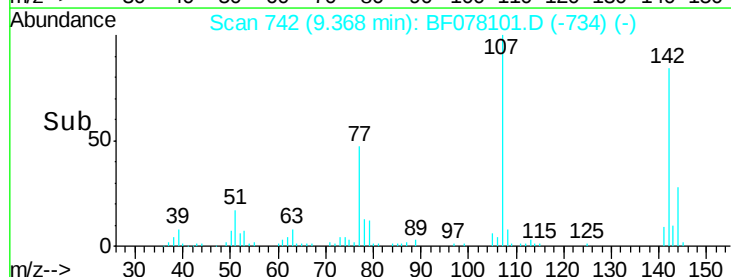
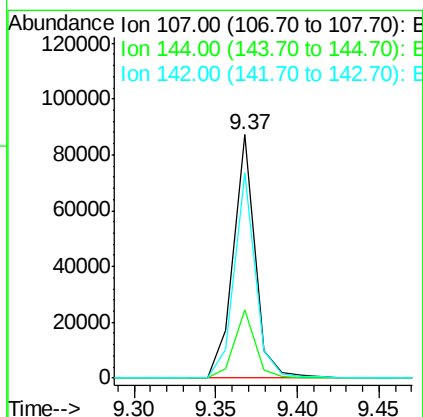
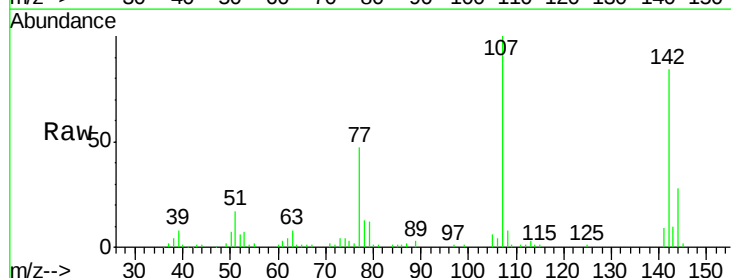
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 23699
 Ion Ratio Lower Upper
 113 100
 55 170.4 145.9 185.9
 56 136.3 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.89 ng
 RT: 9.37 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:107 Resp: 80919
 Ion Ratio Lower Upper
 107 100
 144 28.3 23.3 34.9
 142 84.4 72.6 109.0





#37

2-Methylnaphthalene

Concen: 37.75 ng

RT: 9.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

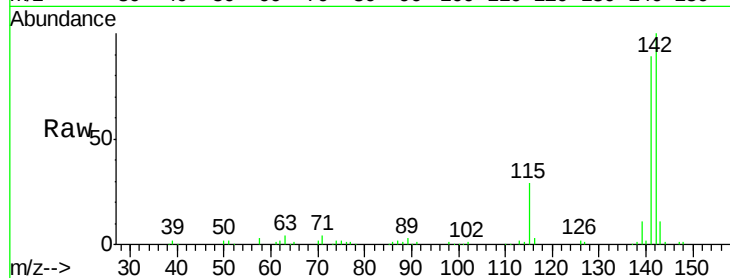
Tgt Ion:142 Resp: 192791

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

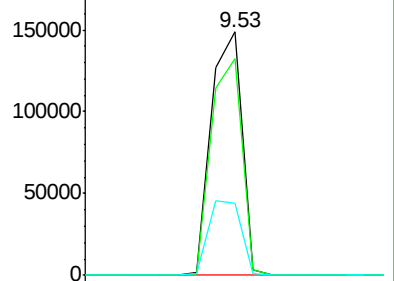
115 29.4 25.4 38.0



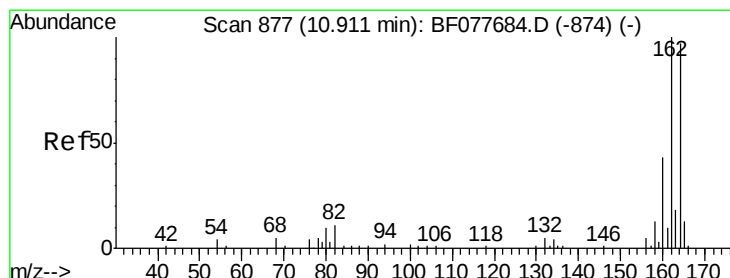
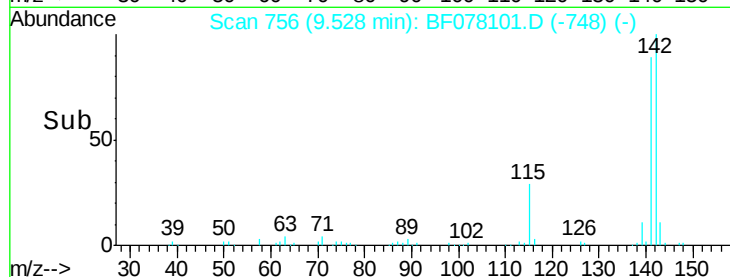
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

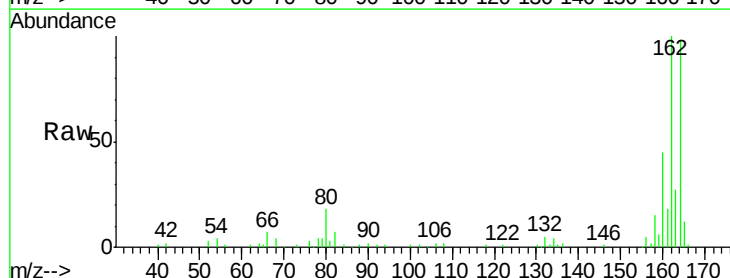
Tgt Ion:164 Resp: 72533

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

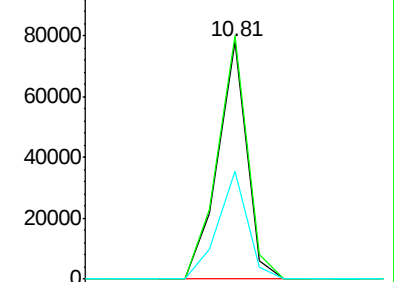
160 45.7 35.8 53.6



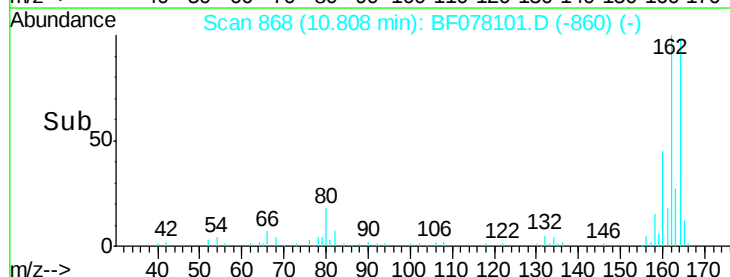
Abundance Ion 164.00 (163.70 to 164.70): E

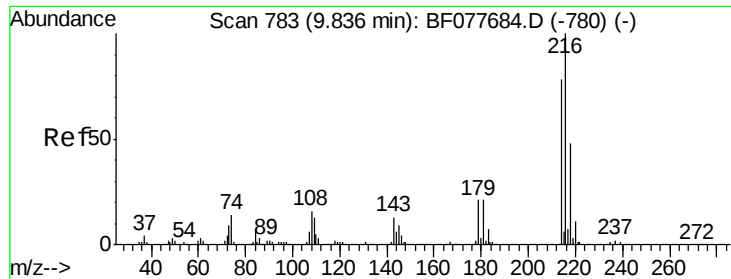
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.88 ng

RT: 9.72 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 79795

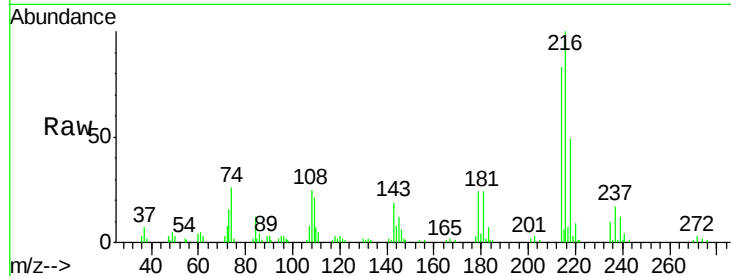
Ion Ratio Lower Upper

216 100

214 81.0 0.0 0.0#

179 20.9 0.0 0.0#

108 19.6 0.0 0.0#

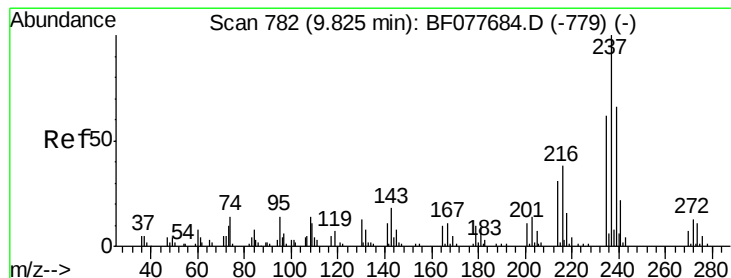
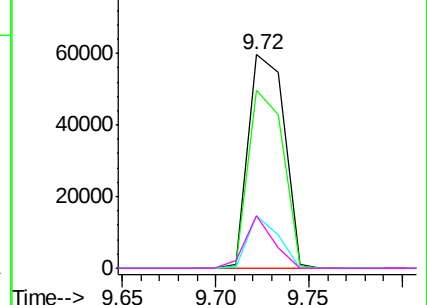
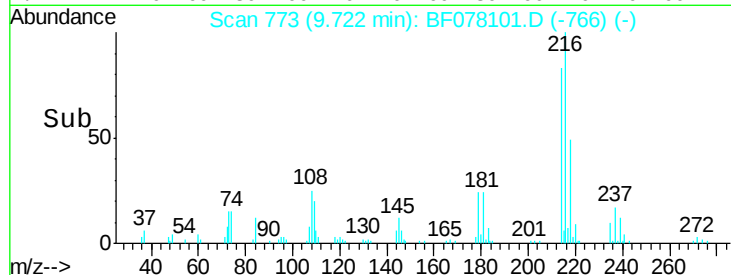


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.91 ng

RT: 9.71 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

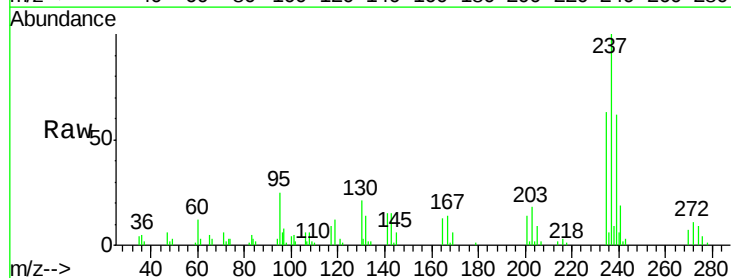
Tgt Ion:237 Resp: 33538

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

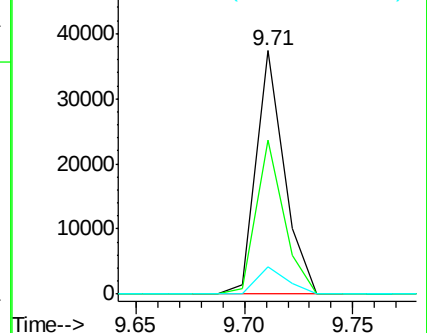
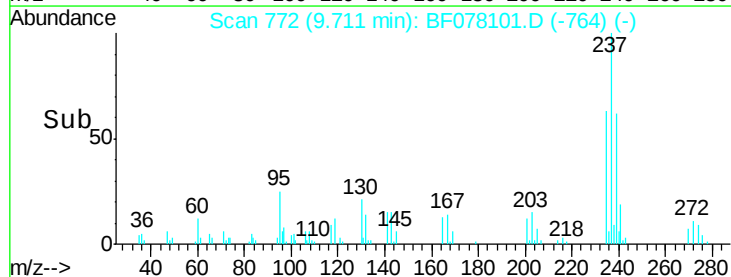
272 11.1 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

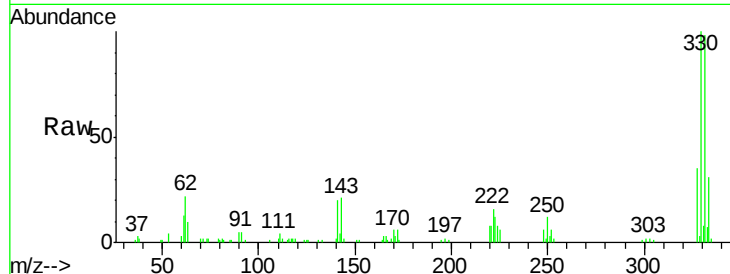




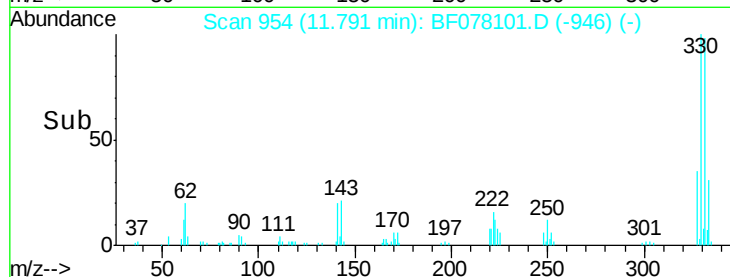
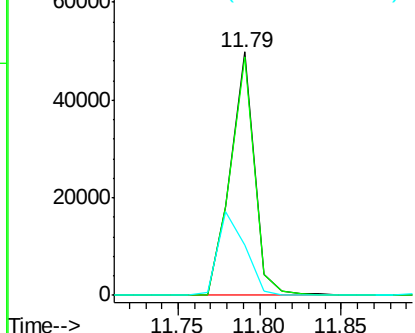
#41
 2,4,6-Tribromophenol
 Concen: 73.27 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 50850
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 38.8 0.0 0.0#

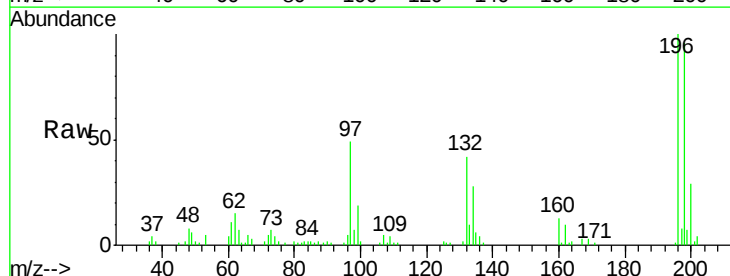


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

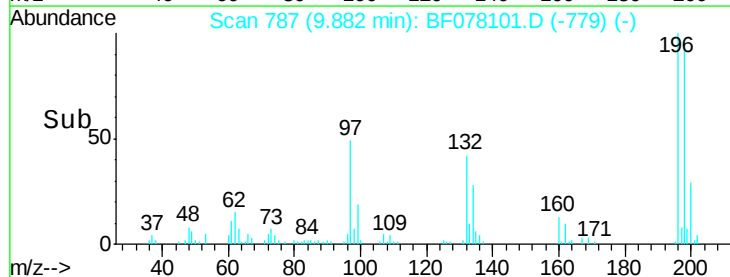
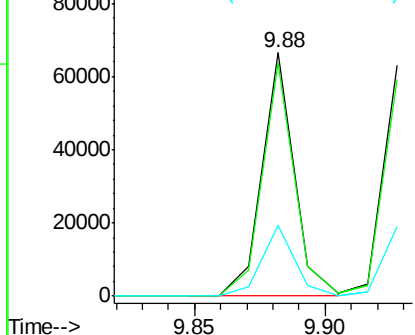


#42
 2,4,6-Trichlorophenol
 Concen: 38.34 ng
 RT: 9.88 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:196 Resp: 57462
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 29.1 25.6 38.4



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

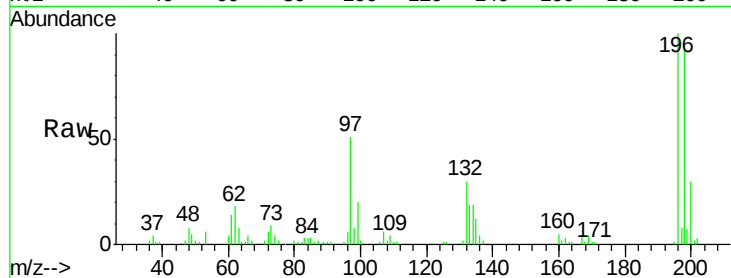




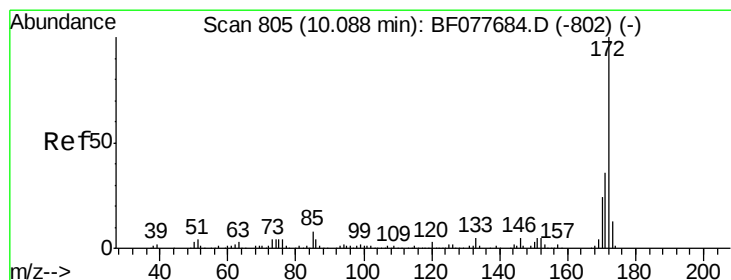
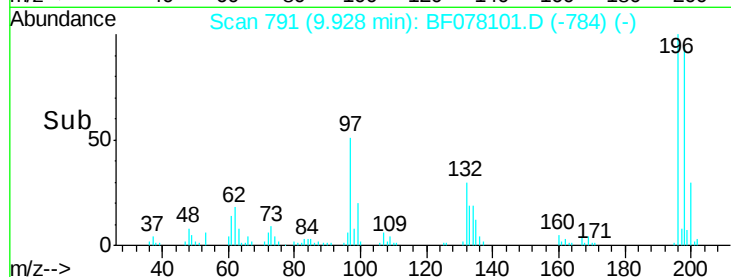
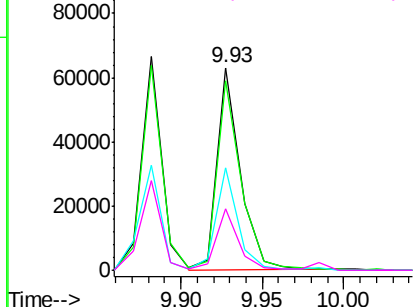
#43
 2,4,5-Trichlorophenol
 Concen: 38.39 ng
 RT: 9.93 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 62152
 Ion Ratio Lower Upper
 196 100
 198 94.0 79.4 119.0
 97 50.8 26.8 40.2#
 132 30.4 18.6 28.0#

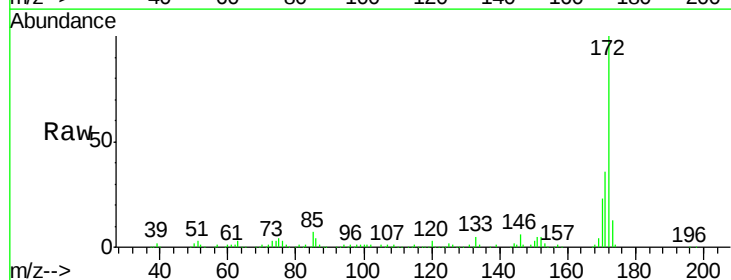


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

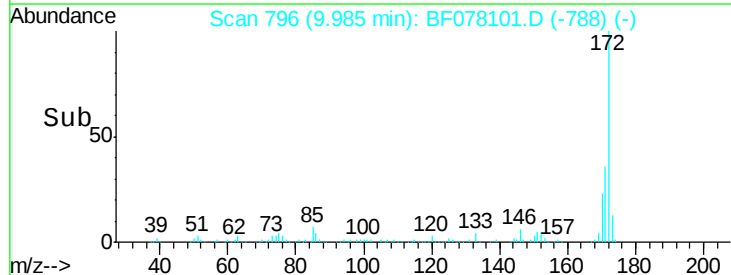
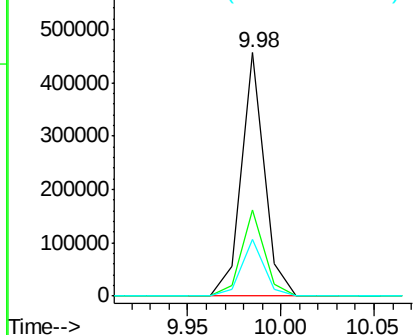


#44
 2-Fluorobiphenyl
 Concen: 79.62 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:172 Resp: 392978
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.4 18.8 28.2



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

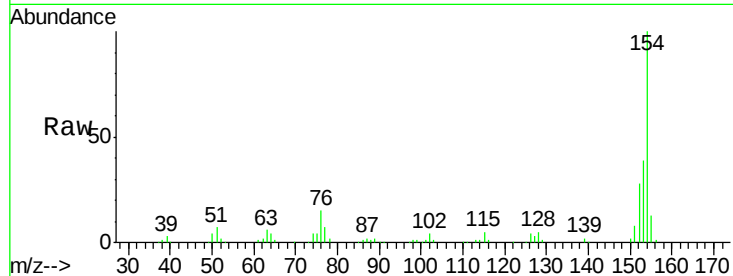




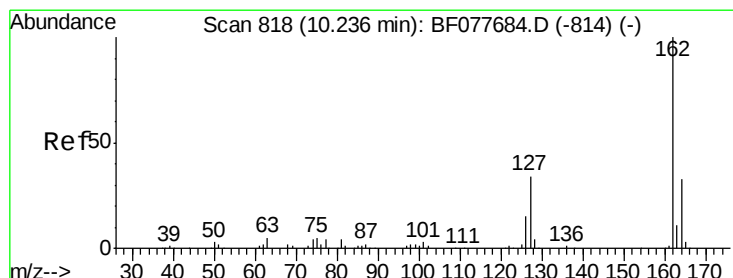
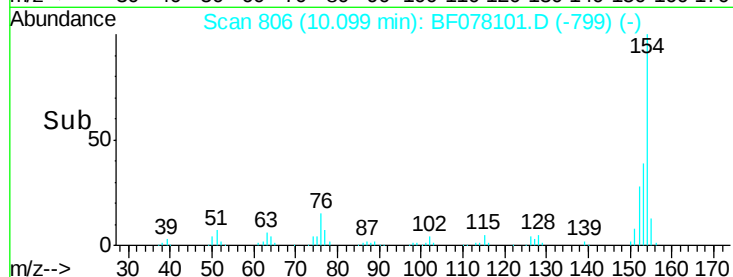
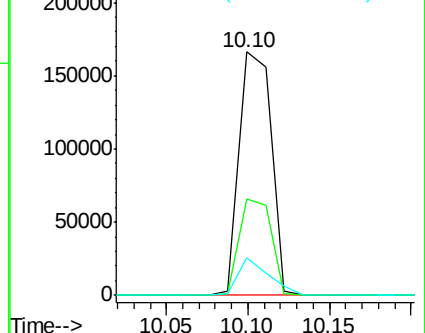
#45
1,1'-Biphenyl
Concen: 38.84 ng
RT: 10.10 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 225222
Ion Ratio Lower Upper
154 100
153 39.4 20.7 60.7
76 15.4 0.0 30.9

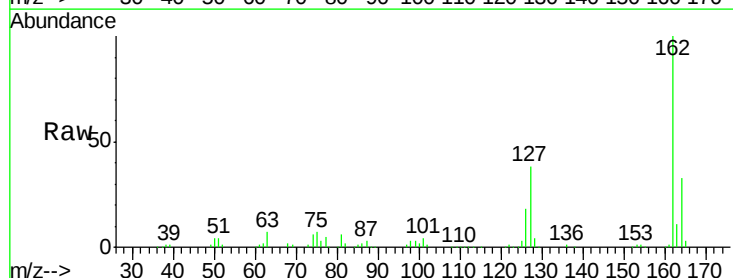


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

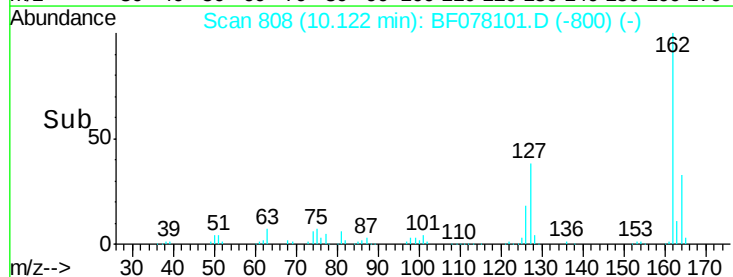
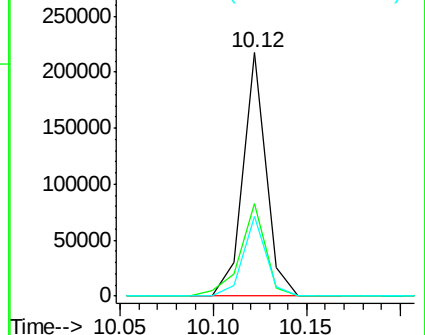


#46
2-Chloronaphthalene
Concen: 39.84 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:162 Resp: 187709
Ion Ratio Lower Upper
162 100
127 38.2 26.9 40.3
164 33.0 26.8 40.2



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

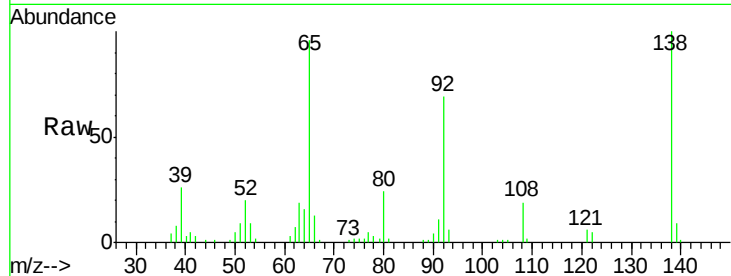




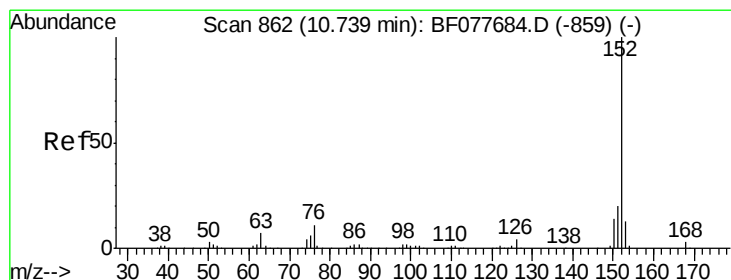
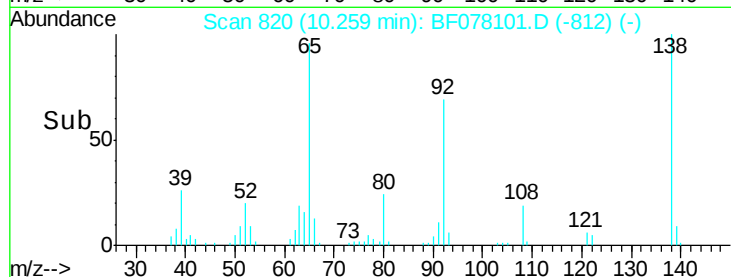
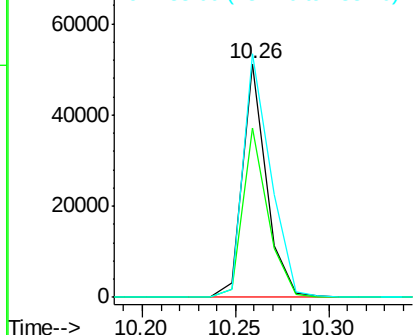
#47
2-Nitroaniline
Concen: 39.24 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 45924
Ion Ratio Lower Upper
65 100
92 72.3 59.1 88.7
138 104.3 93.9 140.9

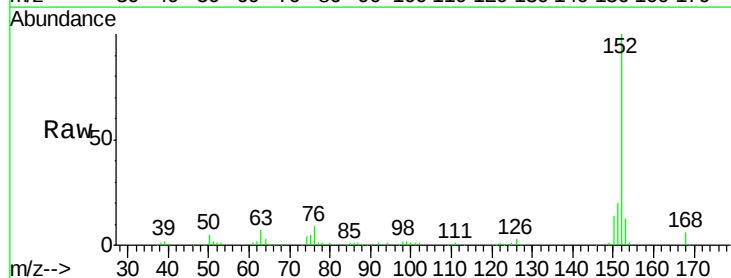


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

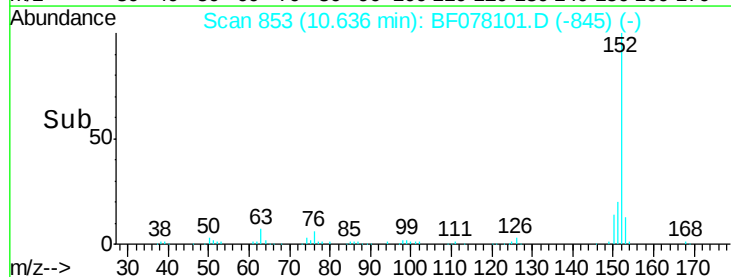
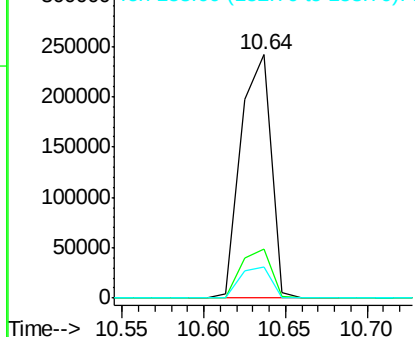


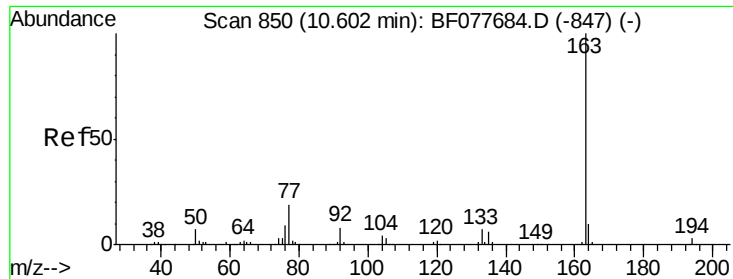
#48
Acenaphthylene
Concen: 39.31 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion: 152 Resp: 308046
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

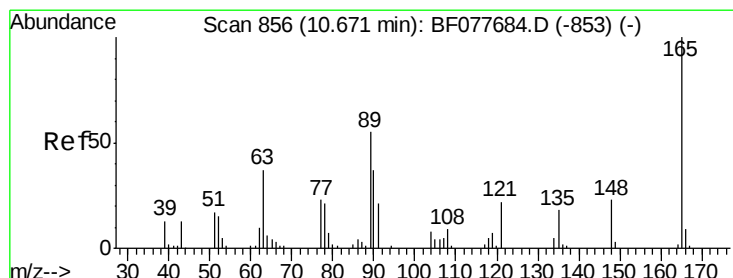
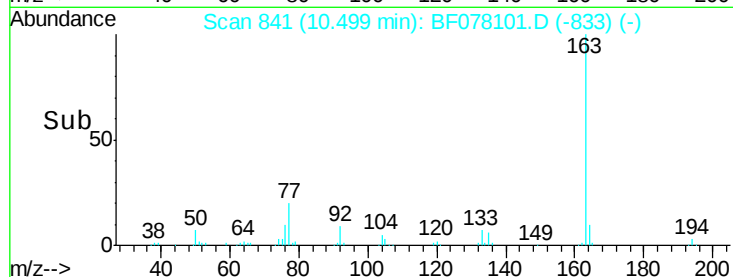
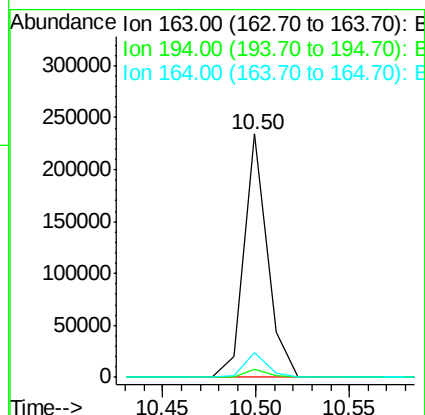
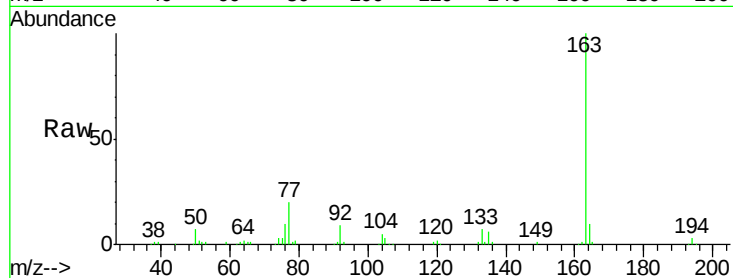




#49
Dimethylphthalate
Concen: 38.05 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

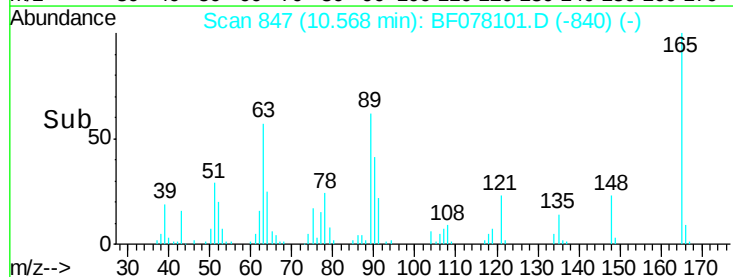
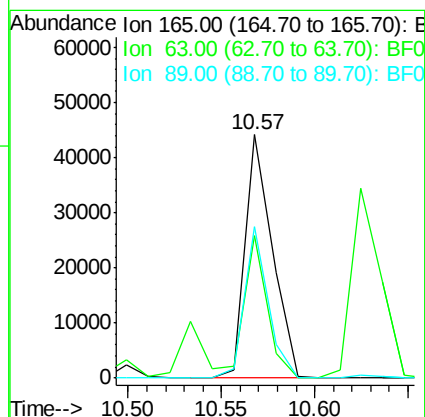
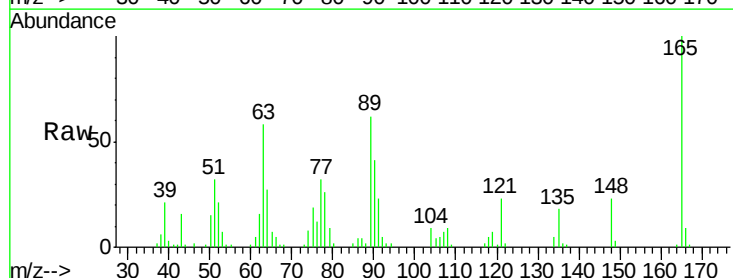
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 204718
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.01 ng
RT: 10.57 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:165 Resp: 44620
Ion Ratio Lower Upper
165 100
63 58.3 44.1 66.1
89 62.0 44.3 66.5





#51

Acenaphthene

Concen: 38.72 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

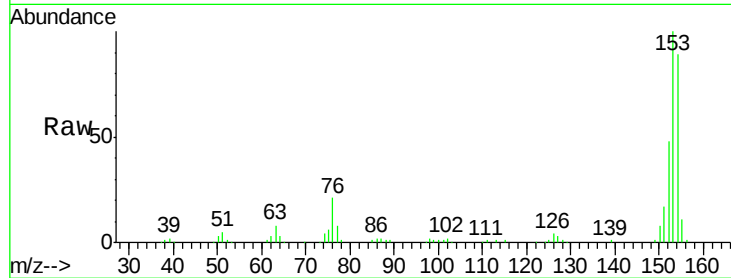
Tgt Ion:154 Resp: 173934

Ion Ratio Lower Upper

154 100

153 111.9 90.0 135.0

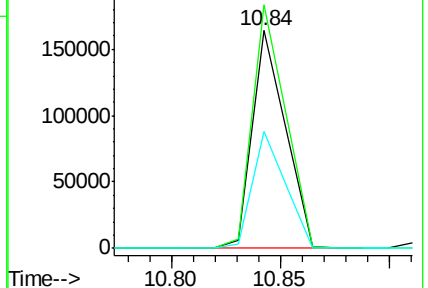
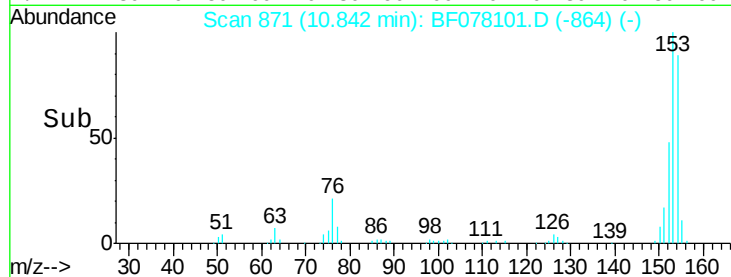
152 53.9 42.6 63.8



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: 42.10 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

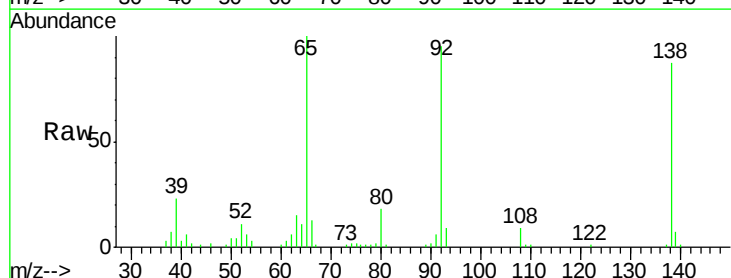
Tgt Ion:138 Resp: 54522

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

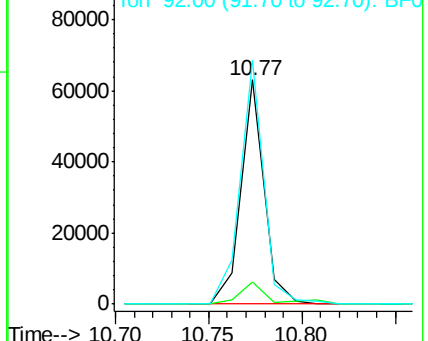
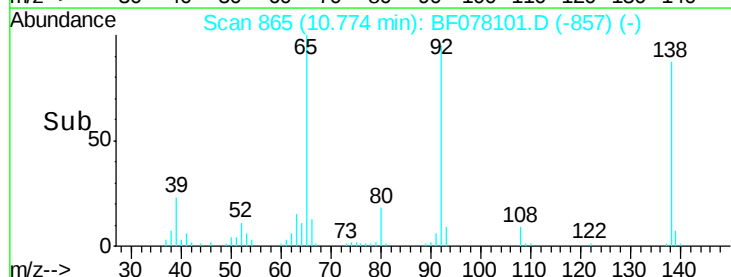
92 108.6 76.6 114.8

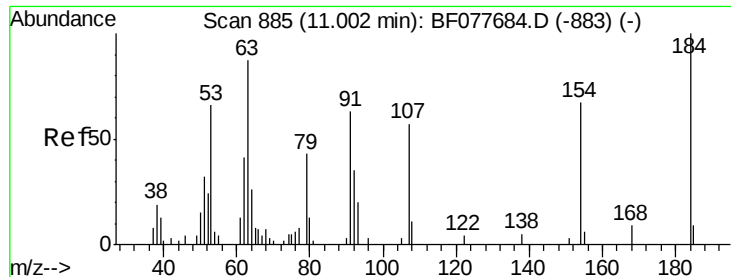


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

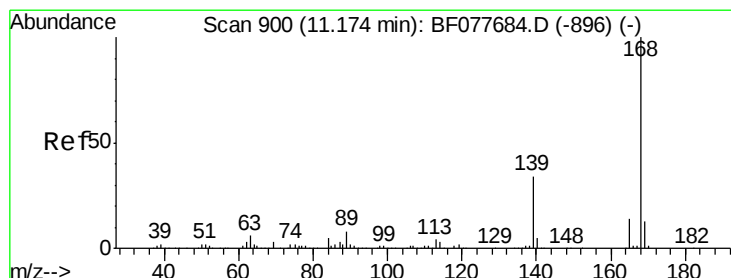
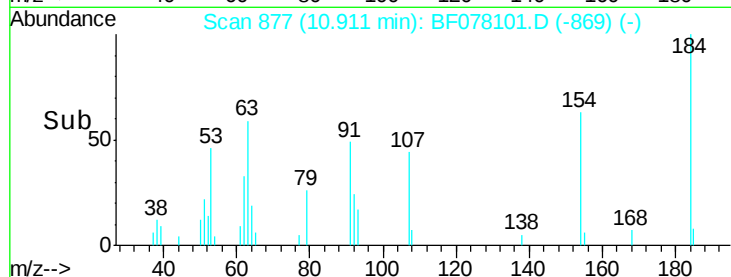
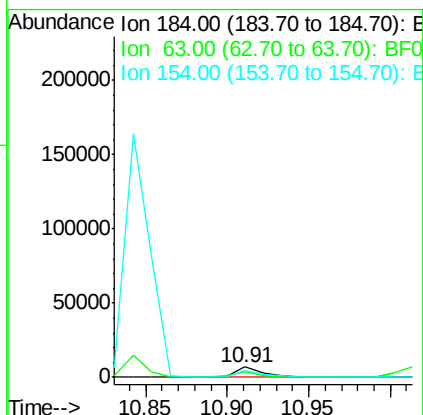
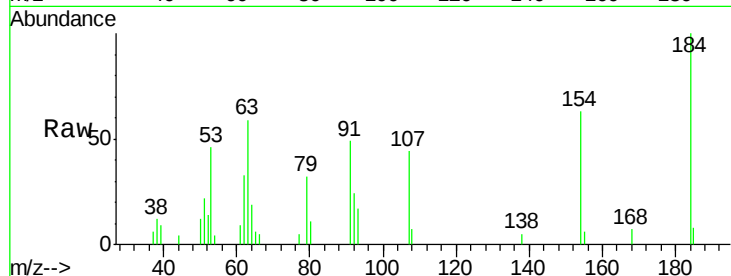




#53
2,4-Dinitrophenol
Concen: 26.67 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

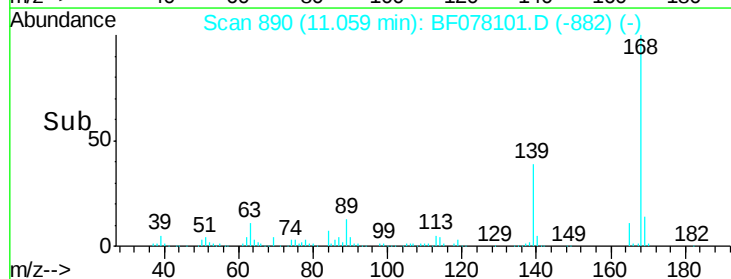
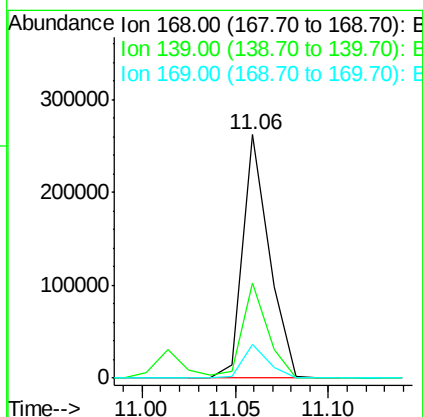
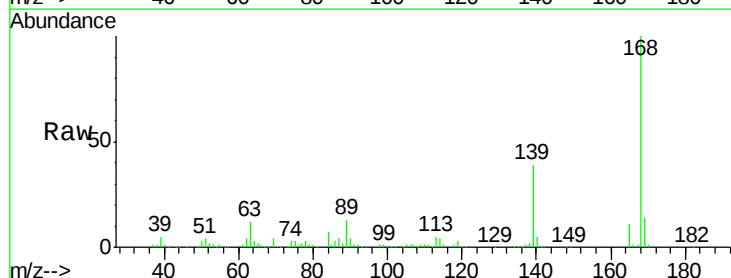
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

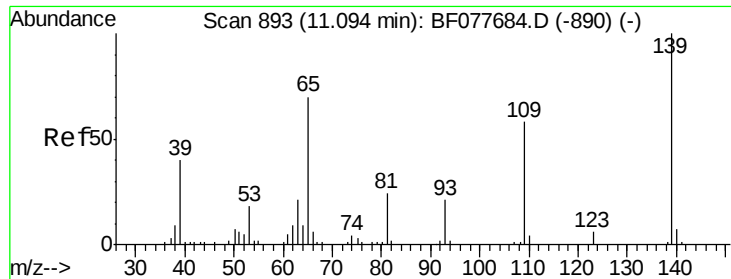
Tgt Ion:184 Resp: 8479
Ion Ratio Lower Upper
184 100
63 59.5 69.2 103.8#
154 62.8 53.3 79.9



#54
Dibenzofuran
Concen: 38.76 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:168 Resp: 258265
Ion Ratio Lower Upper
168 100
139 39.1 27.3 40.9
169 13.7 10.6 16.0

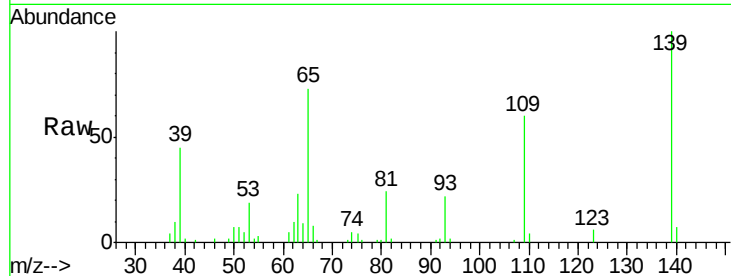




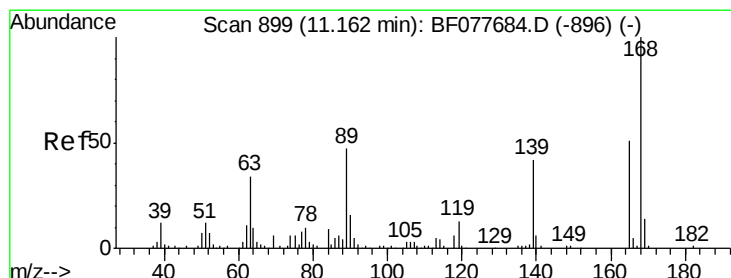
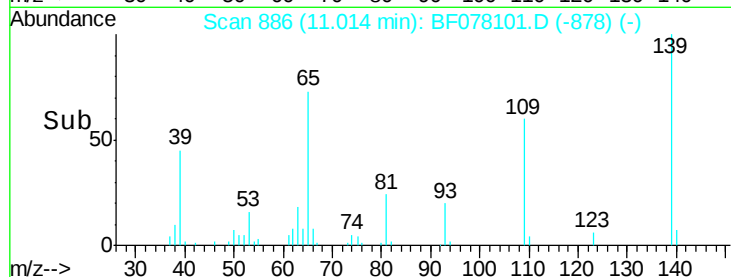
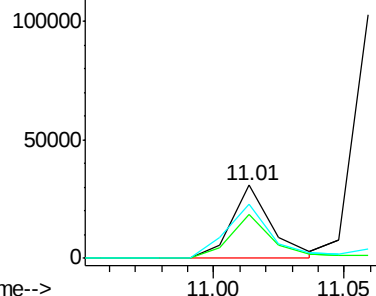
#55
4-Nitrophenol
Concen: 34.50 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion:139 Resp: 33100
Ion Ratio Lower Upper
139 100
109 59.6 37.7 77.7
65 73.4 49.9 89.9

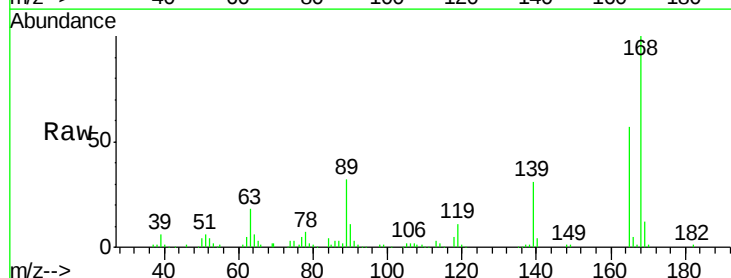


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

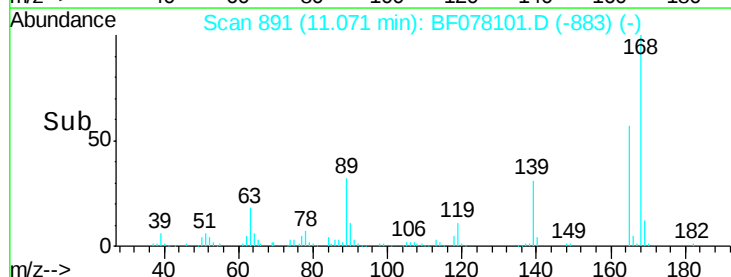
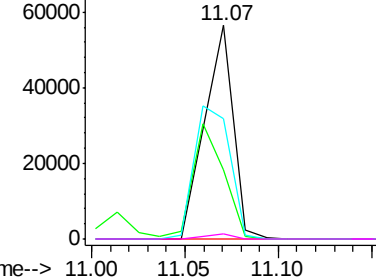


#56
2,4-Dinitrotoluene
Concen: 41.66 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:165 Resp: 60585
Ion Ratio Lower Upper
165 100
63 32.1 52.4 78.6#
89 56.3 72.4 108.6#
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.66 ng

RT: 11.48 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

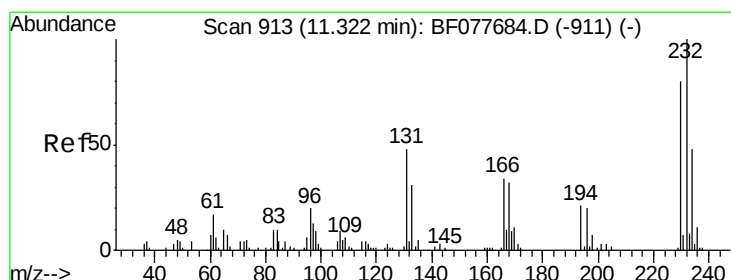
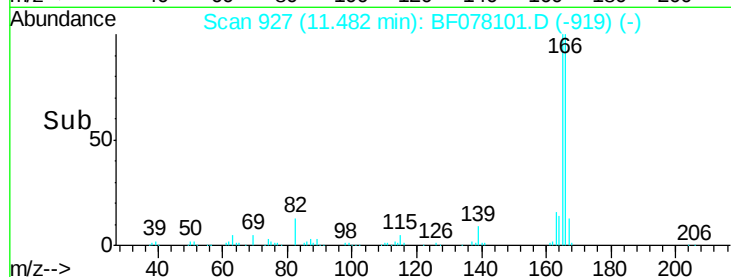
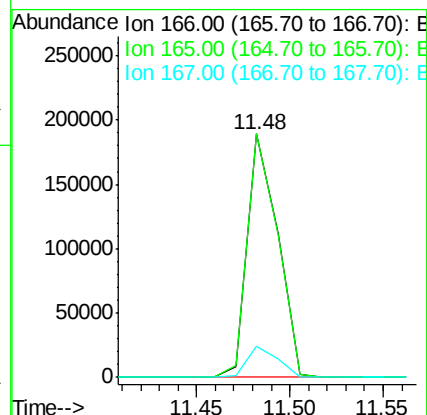
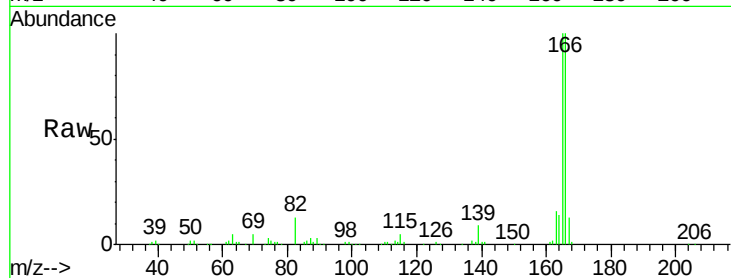
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	213887
Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	13.0	10.3	15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.26 ng

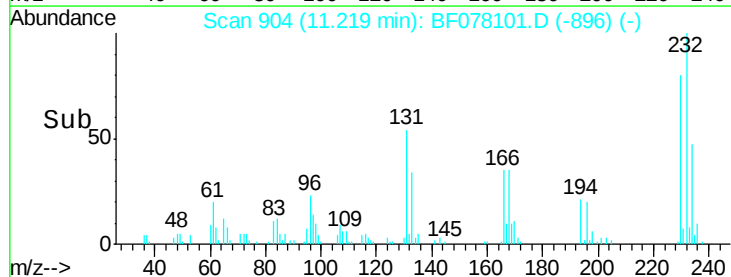
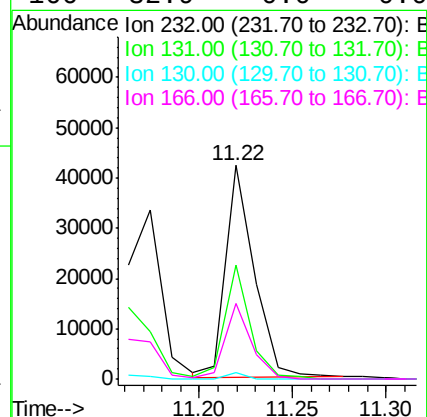
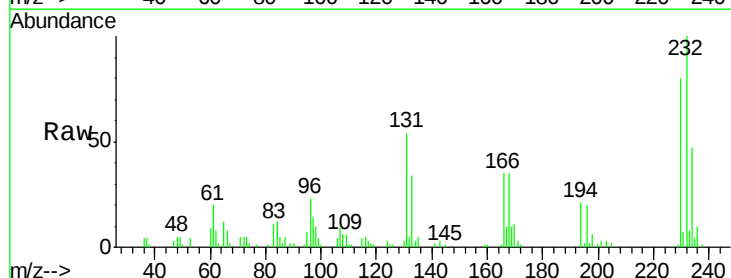
RT: 11.22 min Scan# 904

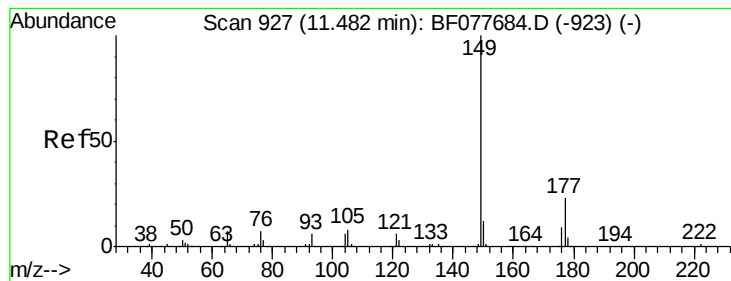
Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Tgt Ion:	232	Resp:	45196
Ion	Ratio	Lower	Upper
232	100		
131	48.4	0.0	0.0#
130	1.8	0.0	0.0#
166	32.9	0.0	0.0#





#59

Diethylphthalate

Concen: 39.91 ng

RT: 11.38 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

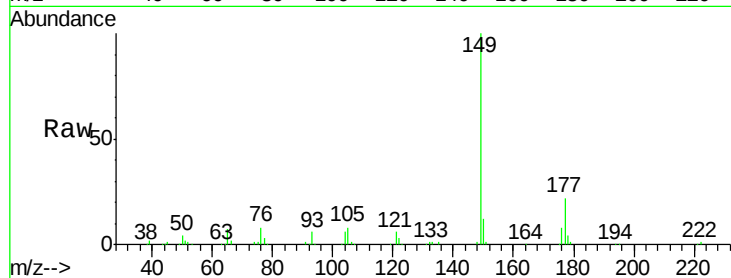
Tgt Ion:149 Resp: 209202

Ion Ratio Lower Upper

149 100

177 22.1 18.3 27.5

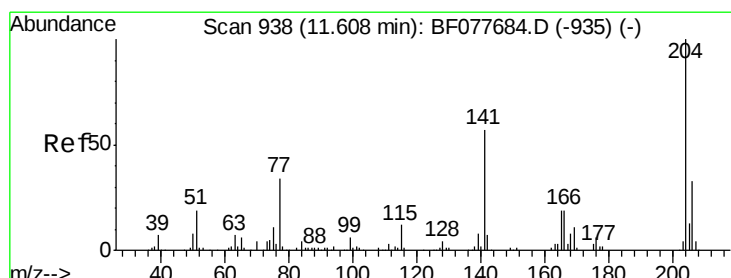
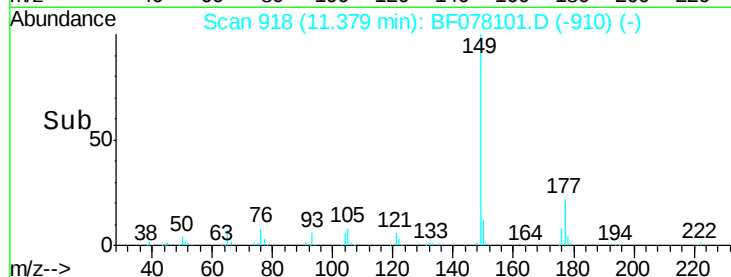
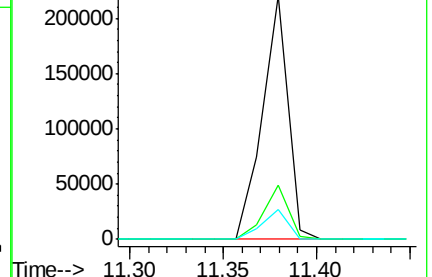
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.51 ng

RT: 11.51 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

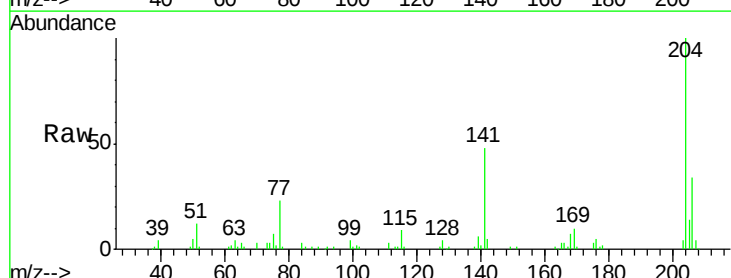
Tgt Ion:204 Resp: 94703

Ion Ratio Lower Upper

204 100

206 33.8 26.6 39.8

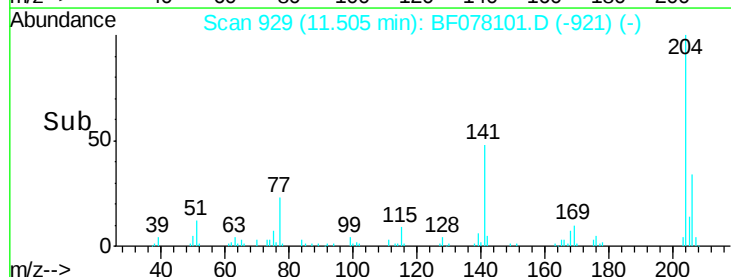
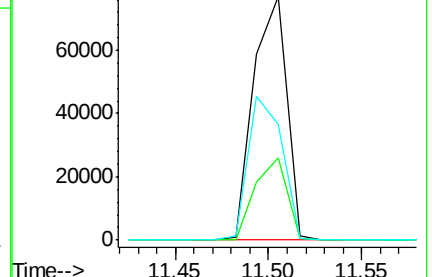
141 47.5 45.2 67.8

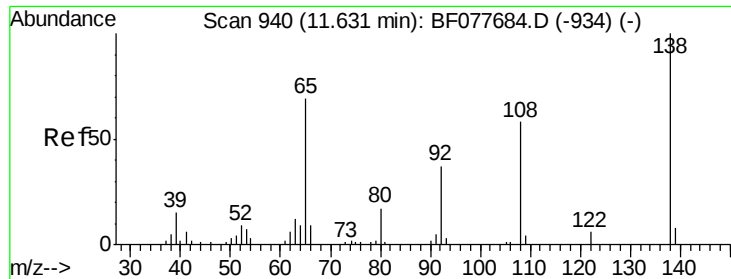


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

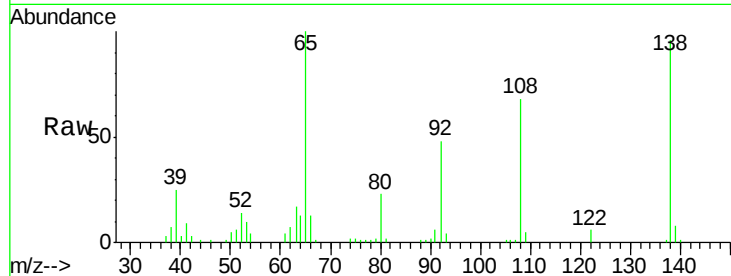




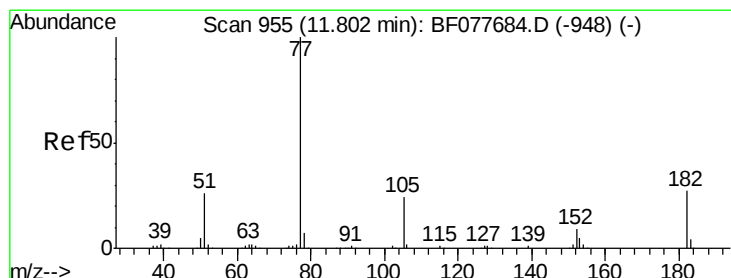
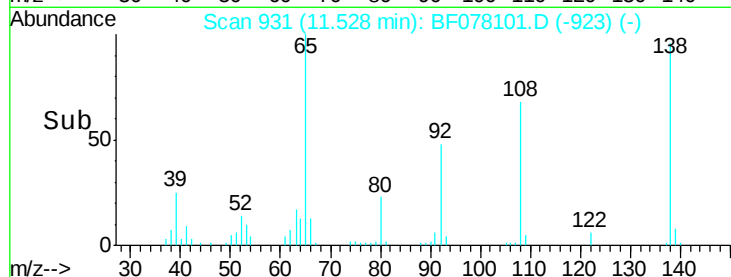
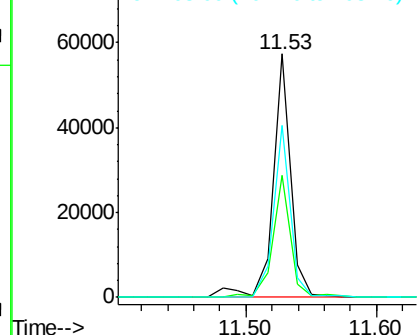
#61
4-Nitroaniline
Concen: 42.12 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 54364
Ion Ratio Lower Upper
138 100
92 50.0 16.7 56.7
108 70.7 37.6 77.6

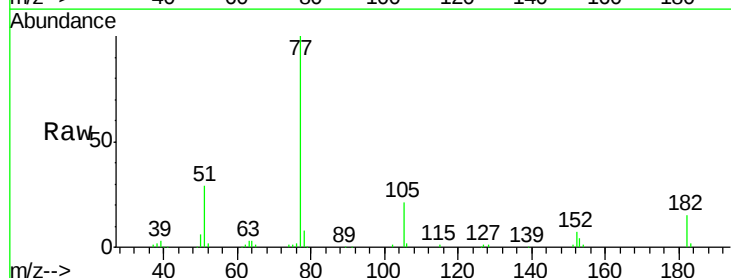


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

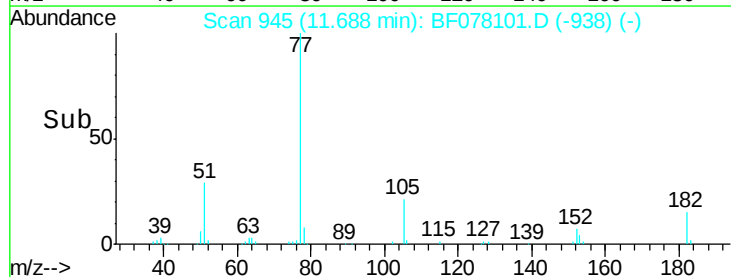
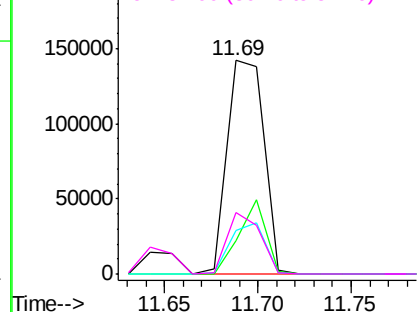


#62
Azobenzene
Concen: 39.20 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion: 77 Resp: 196393
Ion Ratio Lower Upper
77 100
182 15.5 6.5 46.5
105 20.5 3.8 43.8
51 28.8 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

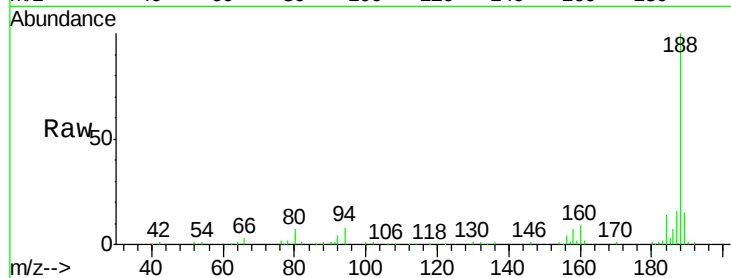




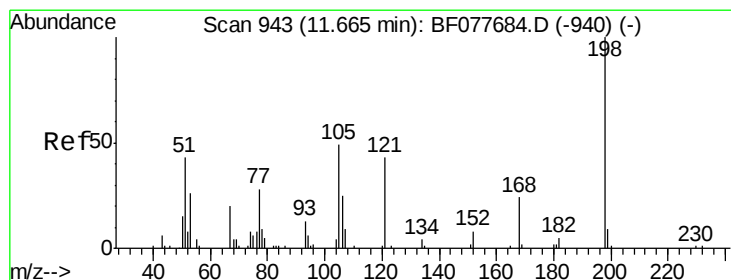
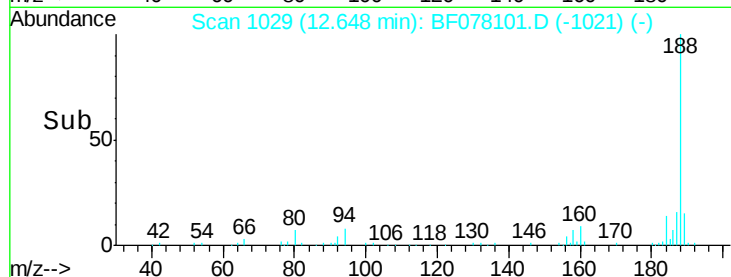
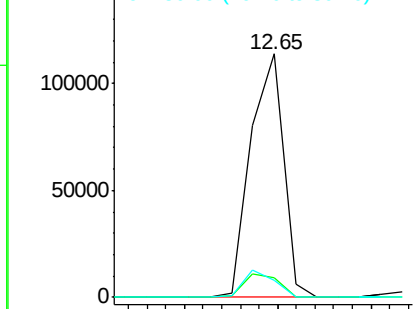
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:188 Resp: 138689
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.7 13.1#
 80 7.2 9.3 13.9#

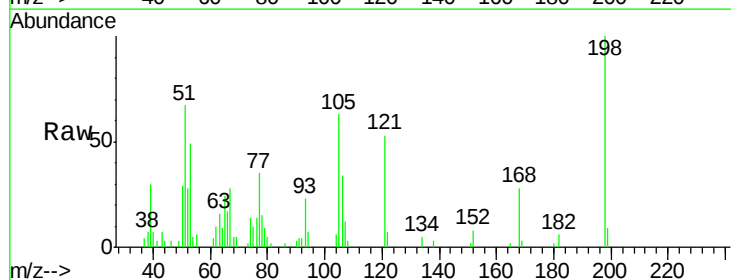


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

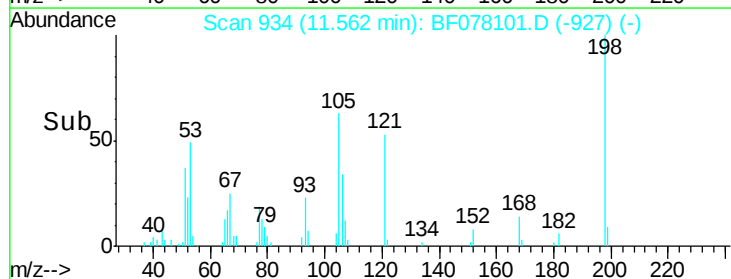
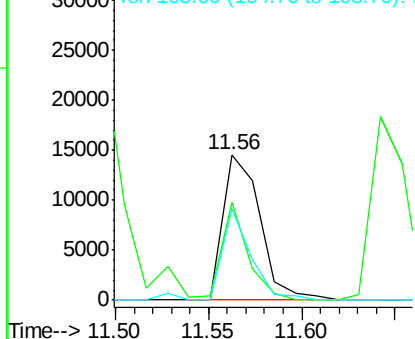


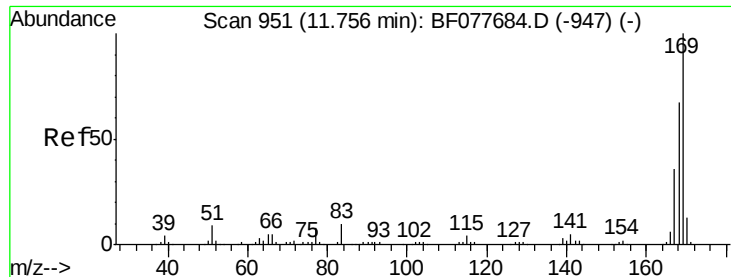
#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.30 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.02 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:198 Resp: 20142
 Ion Ratio Lower Upper
 198 100
 51 67.4 28.8 68.8
 105 63.0 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

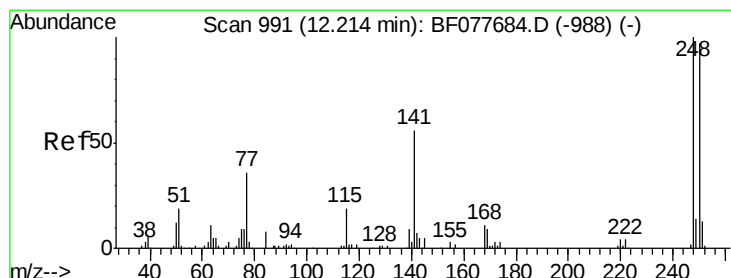
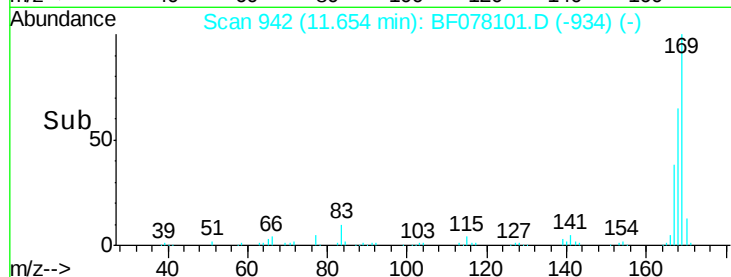
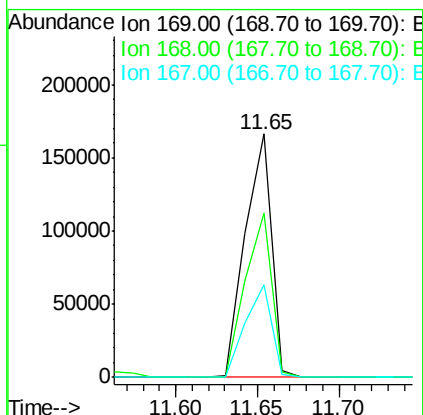
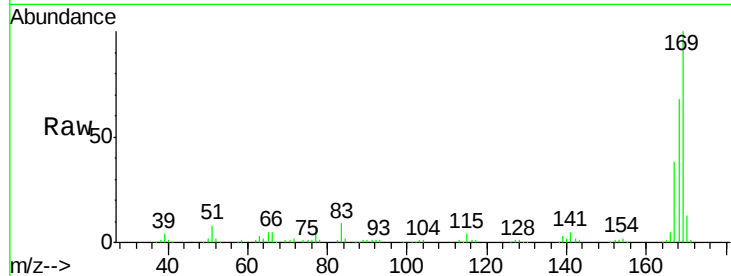




#65
 n-Nitrosodiphenylamine
 Concen: 40.25 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

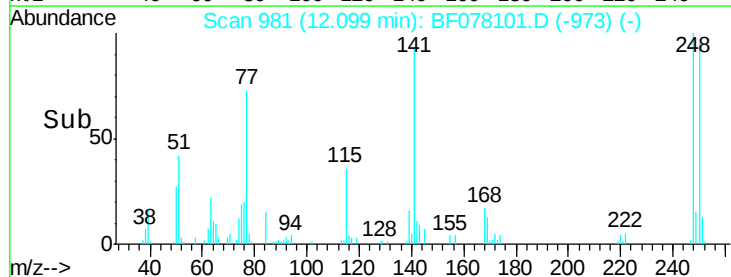
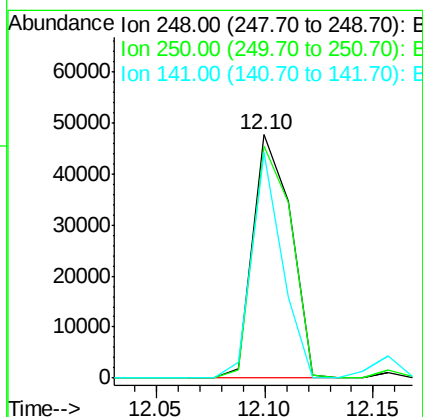
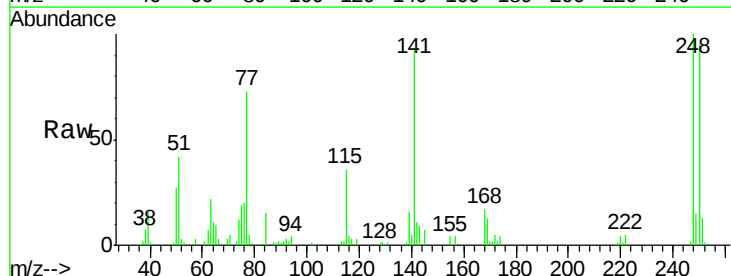
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 185860
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.9 80.9
 167 38.0 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.33 ng
 RT: 12.10 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:248 Resp: 58207
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.4 116.0
 141 92.7 45.2 67.8#

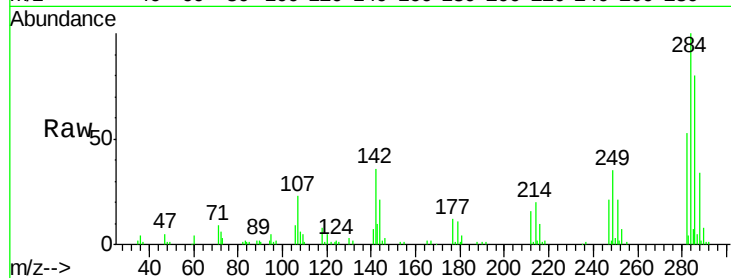




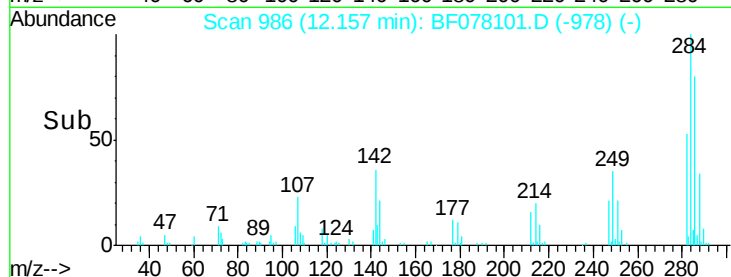
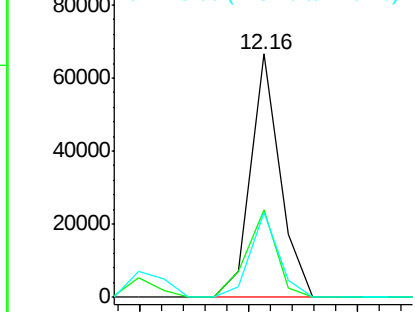
#67
Hexachlorobenzene
Concen: 38.26 ng
RT: 12.16 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 62226
Ion Ratio Lower Upper
284 100
142 35.7 20.4 30.6#
249 34.7 23.8 35.6

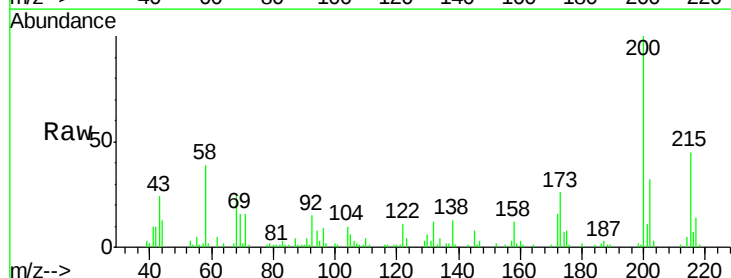


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

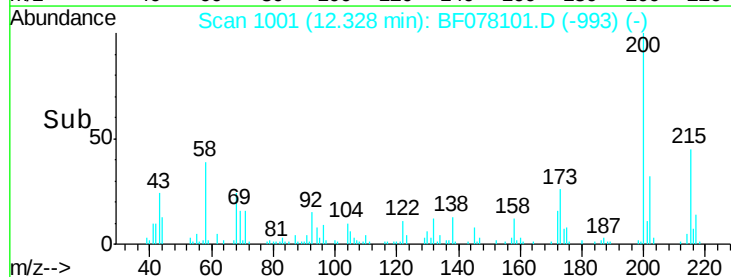
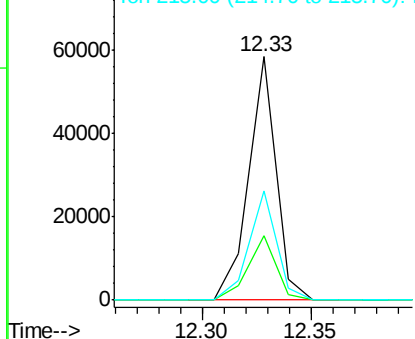


#68
Atrazine
Concen: 39.50 ng
RT: 12.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:200 Resp: 51116
Ion Ratio Lower Upper
200 100
173 26.2 4.8 44.8
215 44.7 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

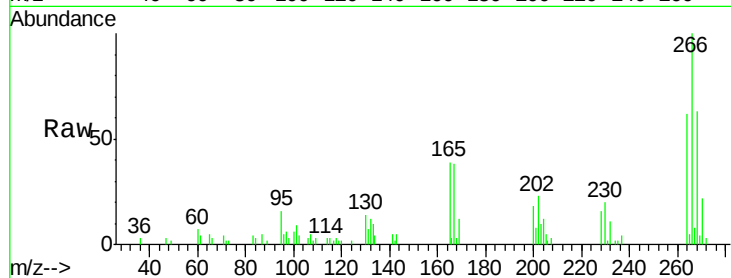




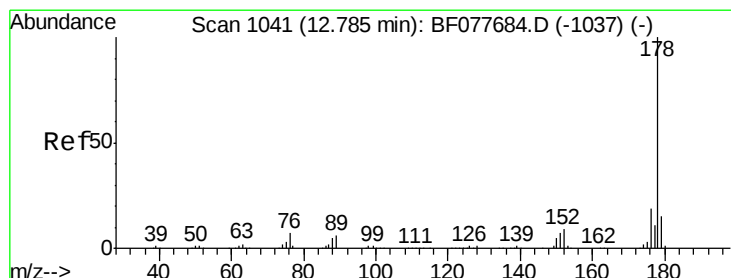
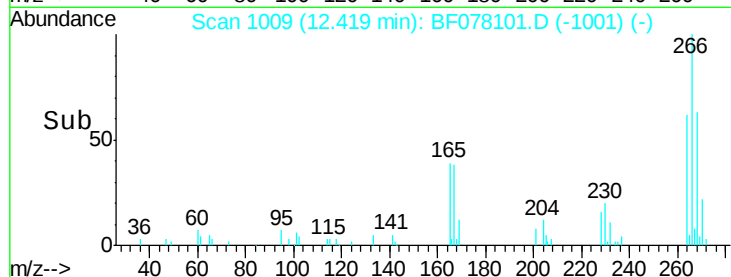
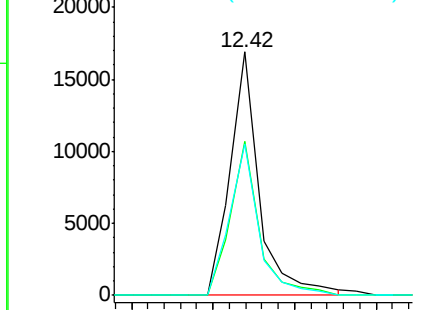
#69
 Pentachlorophenol
 Concen: 26.52 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 20767
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.0 78.0
 264 62.0 49.0 73.4

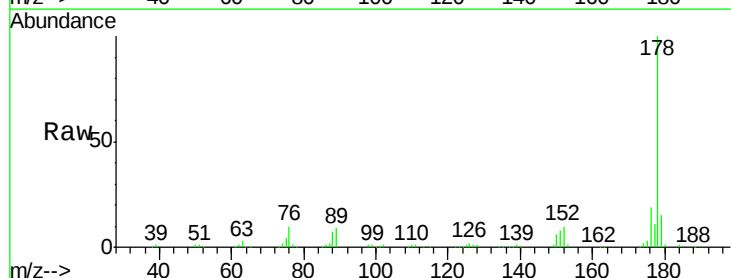


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

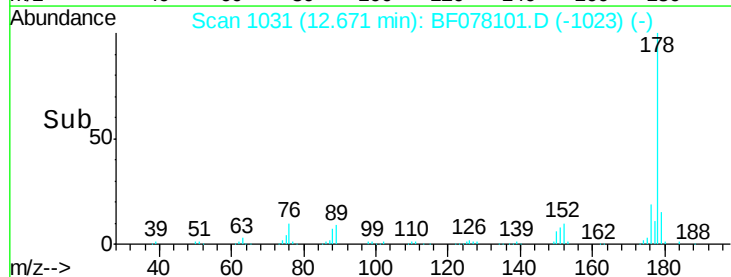
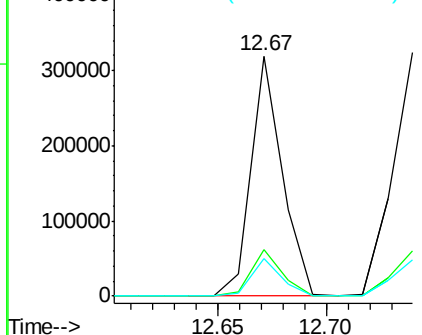


#70
 Phenanthrene
 Concen: 40.05 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion: 178 Resp: 318847
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

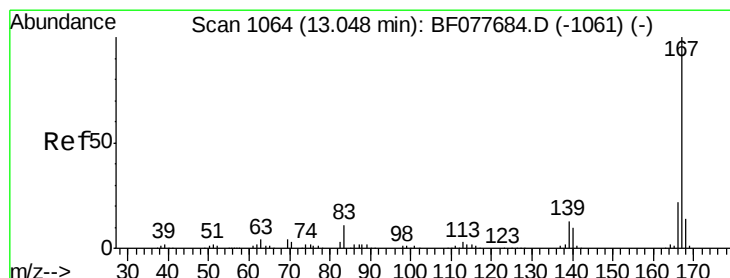
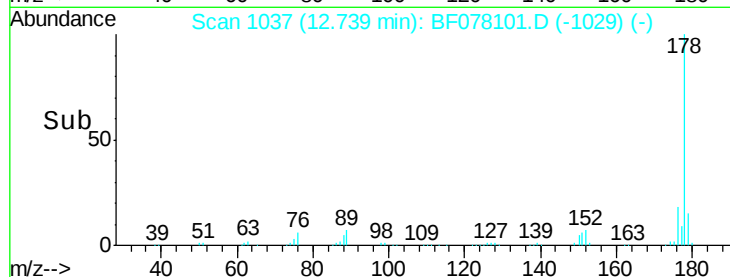
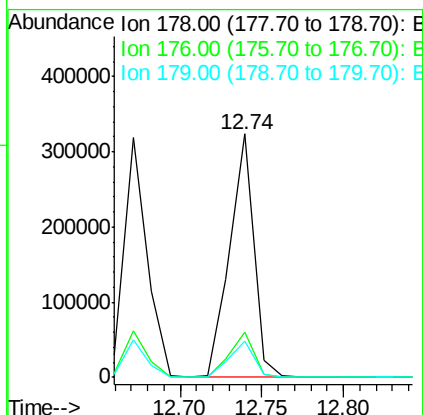
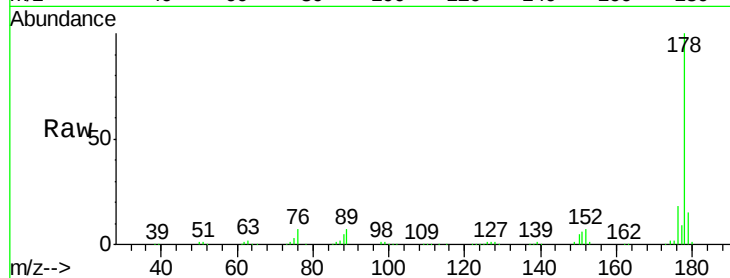




#71
 Anthracene
 Concen: 41.70 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

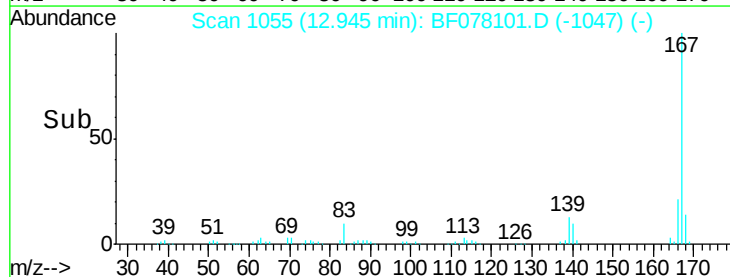
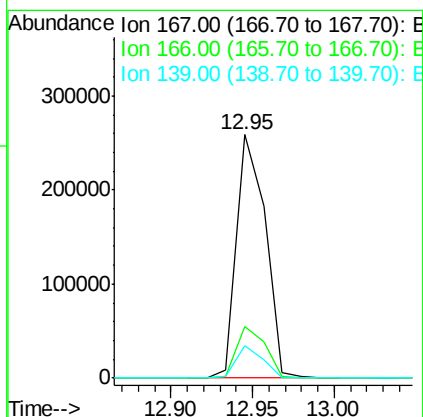
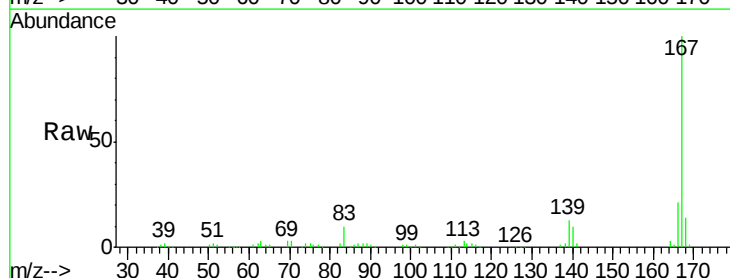
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 328030
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 42.09 ng
 RT: 12.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:167 Resp: 314941
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.1 10.8 16.2

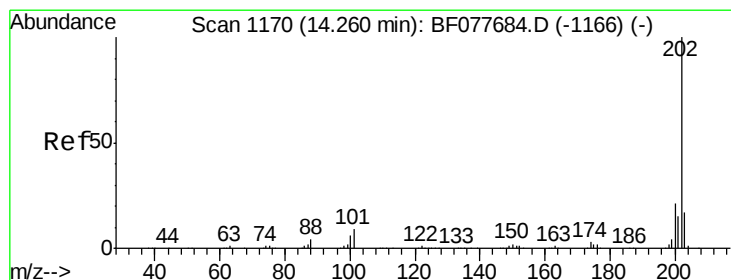
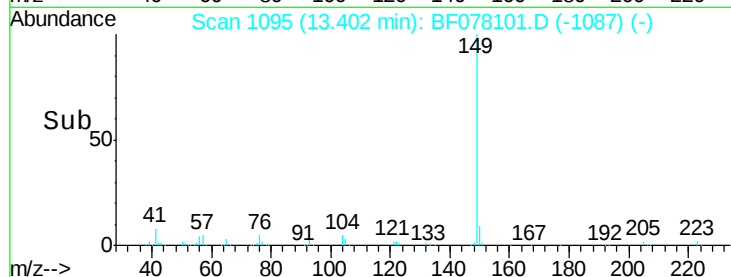
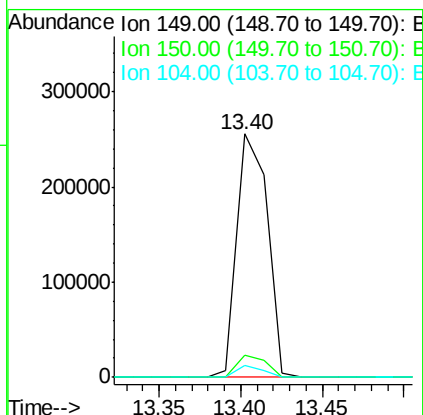
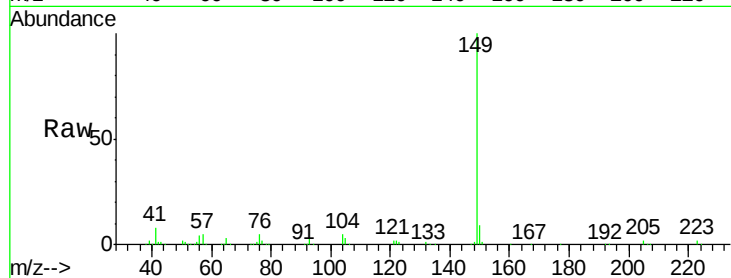




#73
Di-n-butylphthalate
Concen: 39.21 ng
RT: 13.40 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

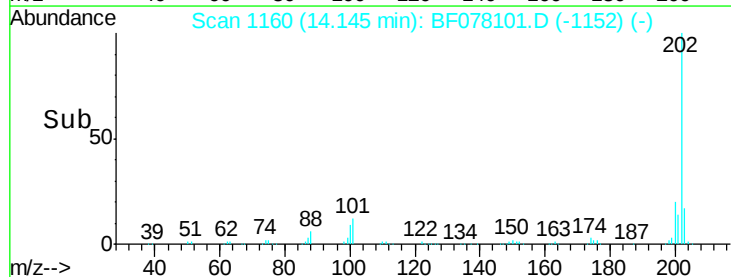
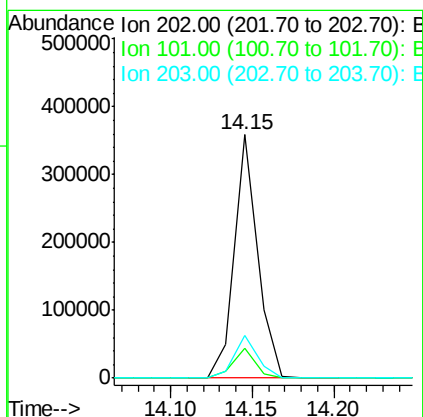
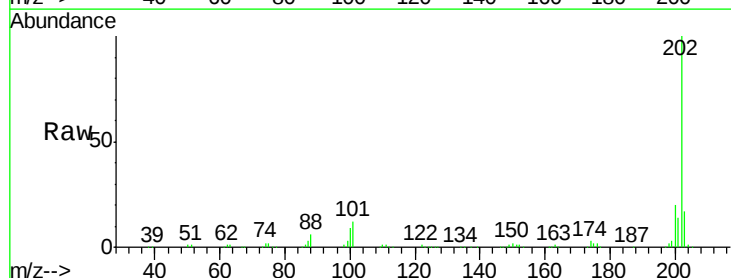
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

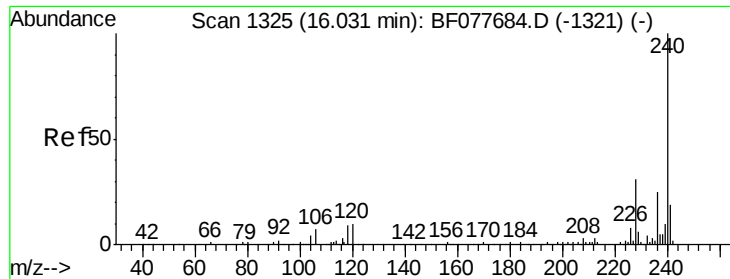
Tgt Ion:149 Resp: 328989
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 3.7 5.5



#74
Fluoranthene
Concen: 40.23 ng
RT: 14.15 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:202 Resp: 353266
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.7
203 17.3 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

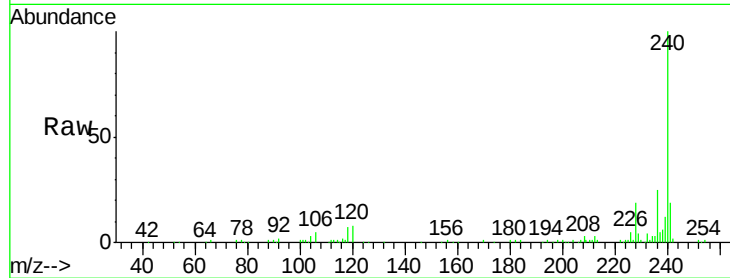
Tgt Ion:240 Resp: 157356

Ion Ratio Lower Upper

240 100

120 8.4 8.2 12.2

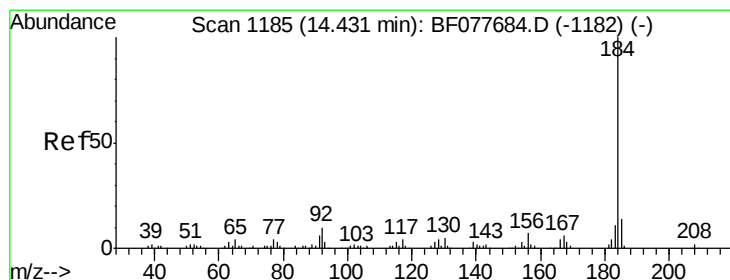
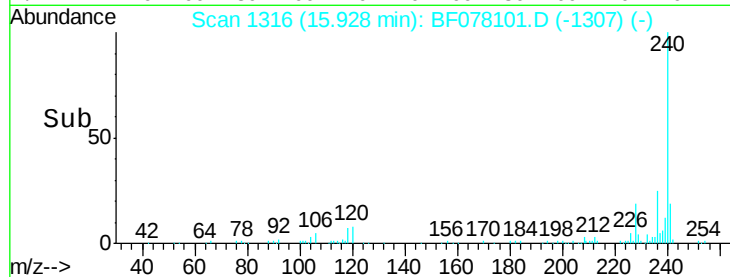
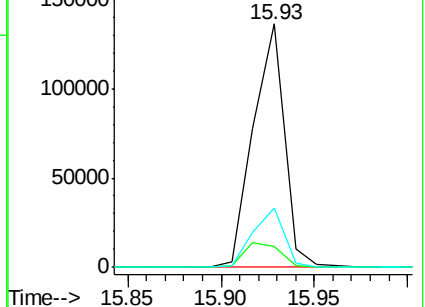
236 24.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.79 ng

RT: 14.34 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

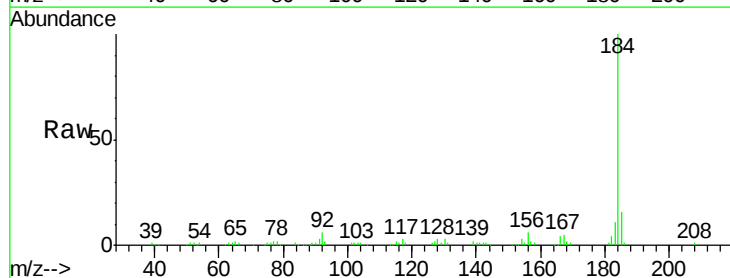
Tgt Ion:184 Resp: 135655

Ion Ratio Lower Upper

184 100

185 15.6 11.3 16.9

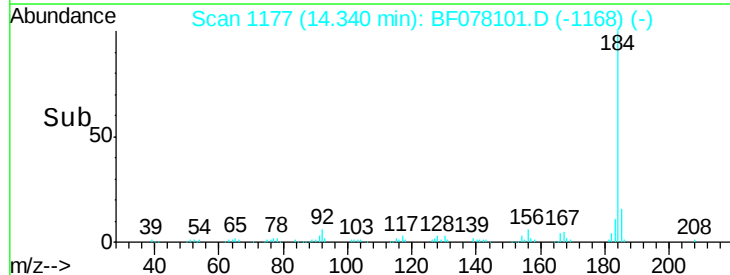
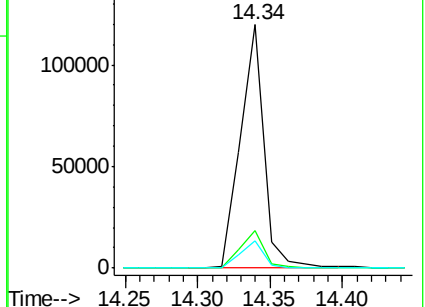
183 11.0 8.9 13.3

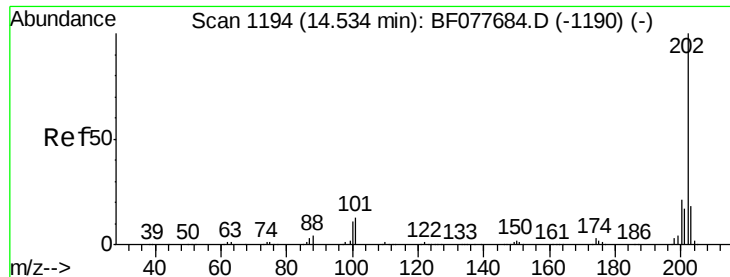


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

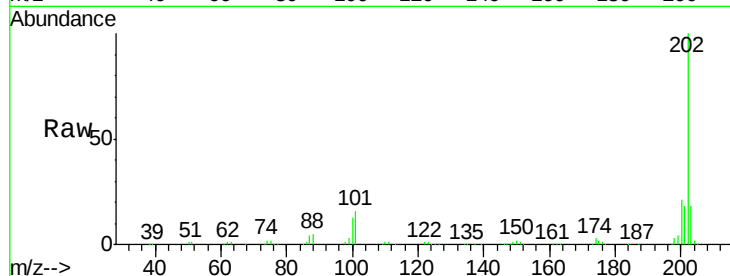




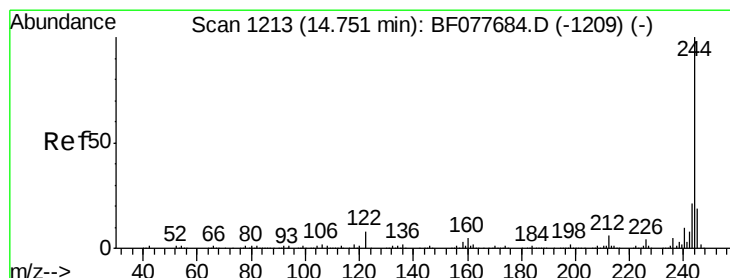
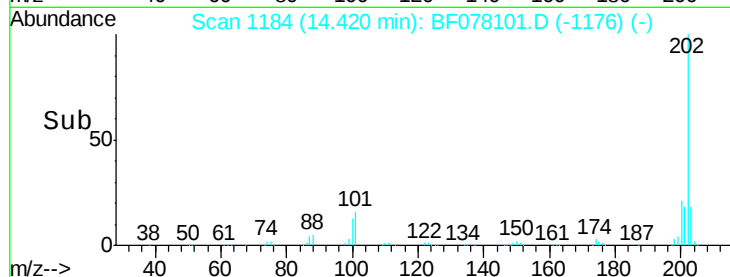
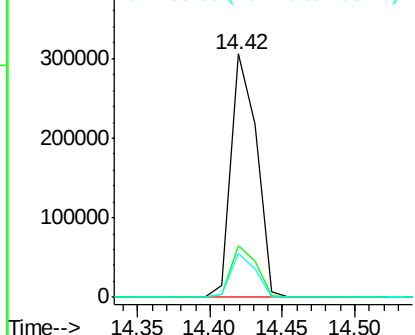
#77
 Pyrene
 Concen: 38.02 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 376161
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.9 25.3
 203 18.1 14.1 21.1

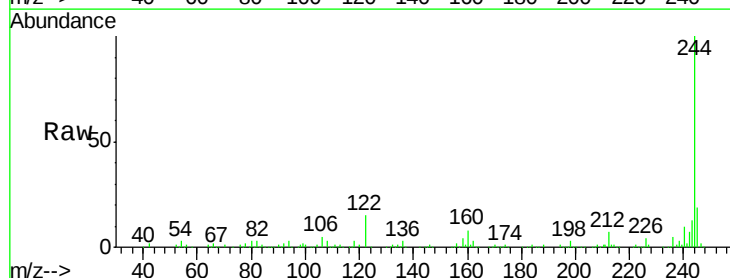


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

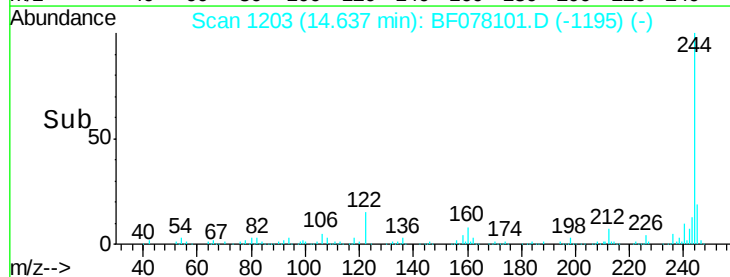
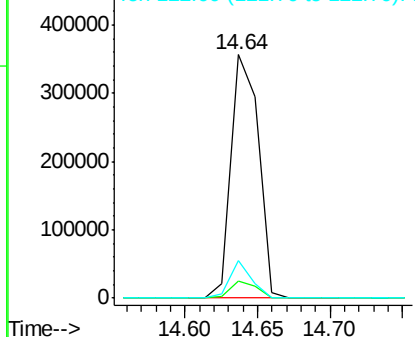


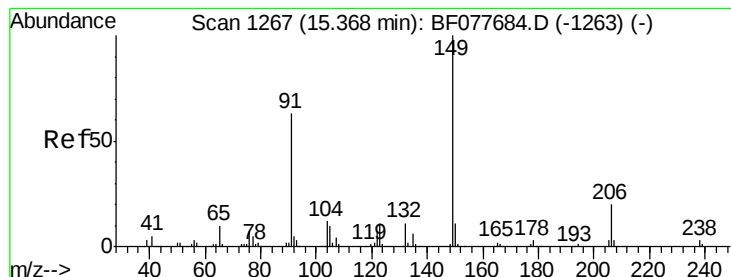
#78
 Terphenyl-d14
 Concen: 72.74 ng
 RT: 14.64 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion: 244 Resp: 468617
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 15.4 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.99 ng

RT: 15.27 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

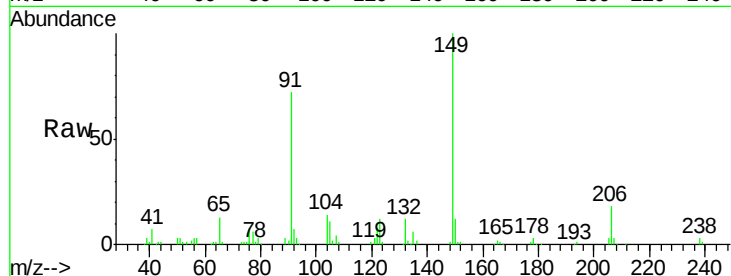
Tgt Ion:149 Resp: 136500

Ion Ratio Lower Upper

149 100

91 71.6 50.1 75.1

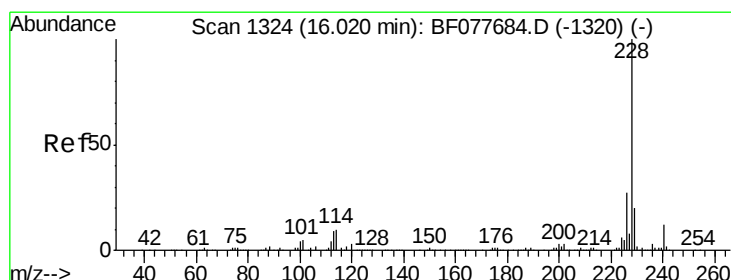
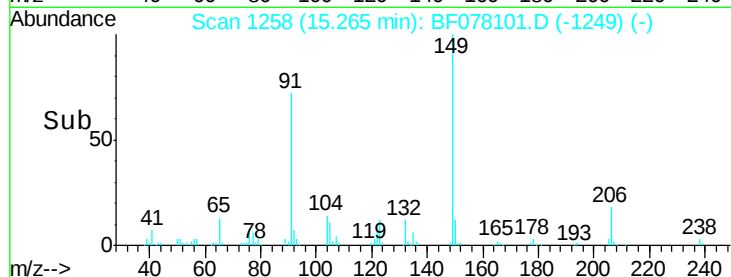
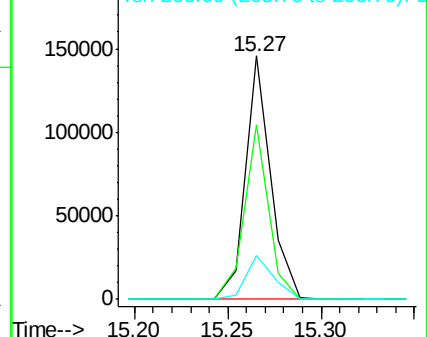
206 18.2 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.81 ng

RT: 15.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

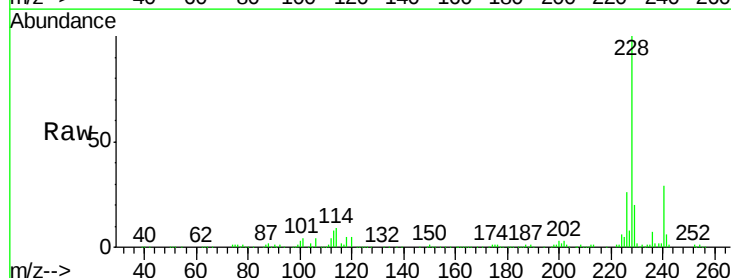
Tgt Ion:228 Resp: 371296

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

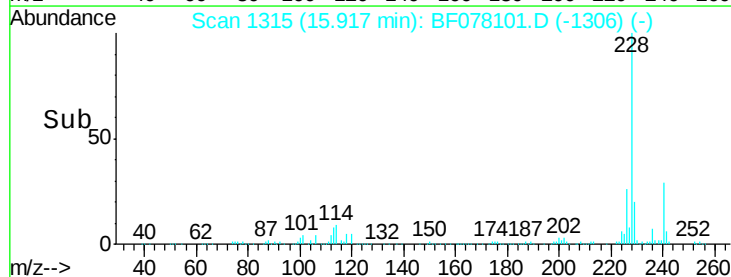
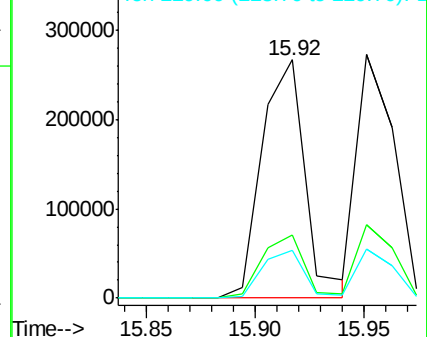
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

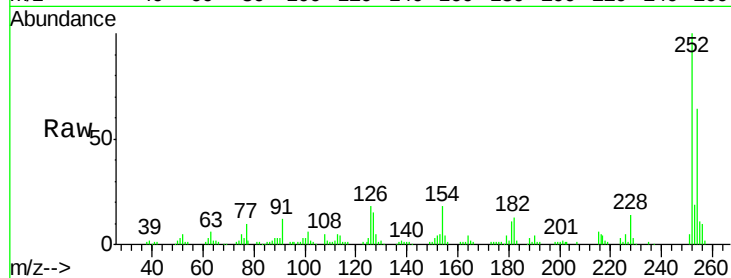




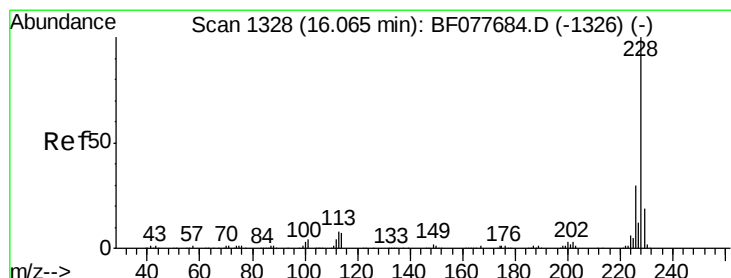
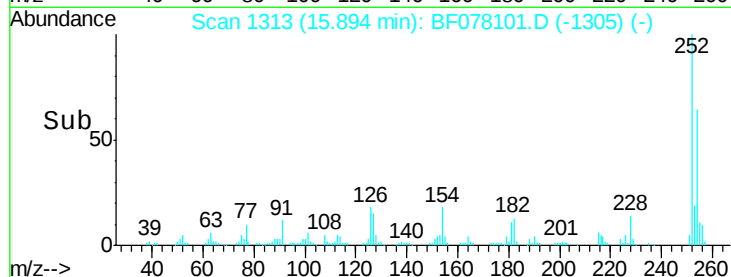
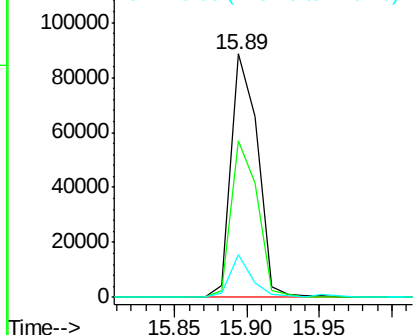
#81
 3,3'-Dichlorobenzidine
 Concen: 36.61 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 112657
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.9 77.9
 126 17.6 9.8 14.8#

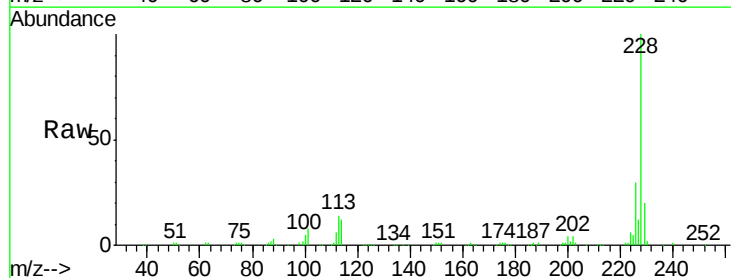


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

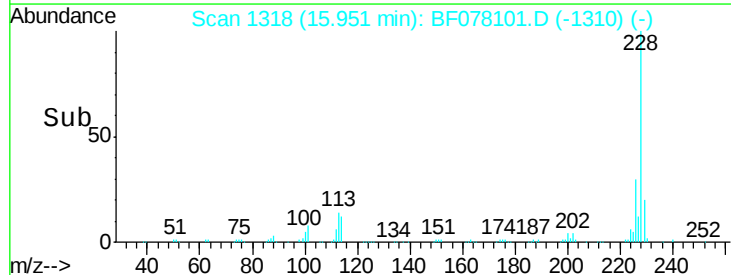
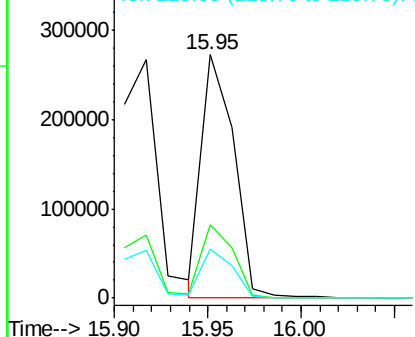


#82
 Chrysene
 Concen: 39.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion: 228 Resp: 327138
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

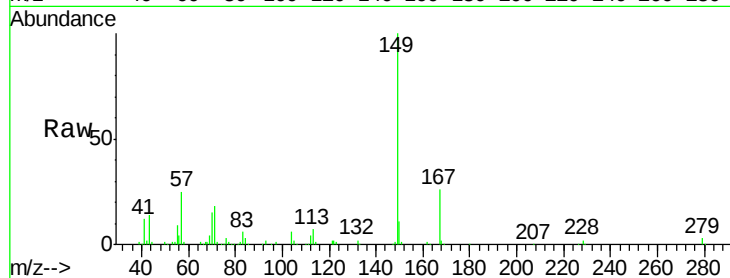




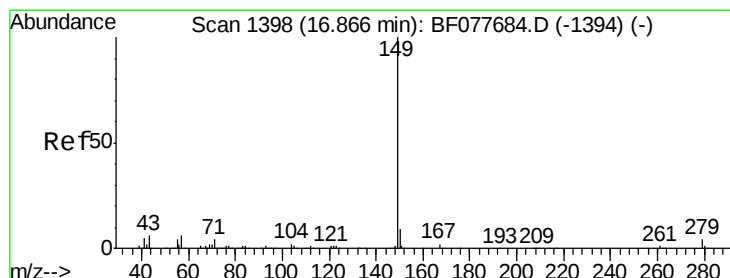
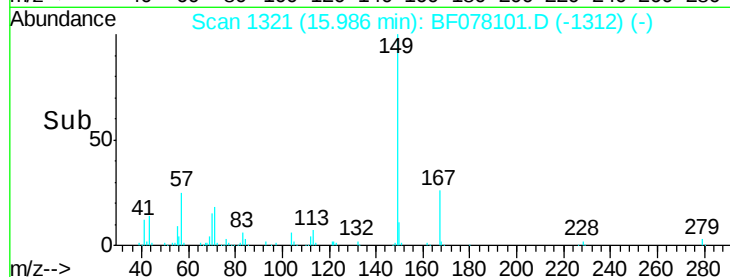
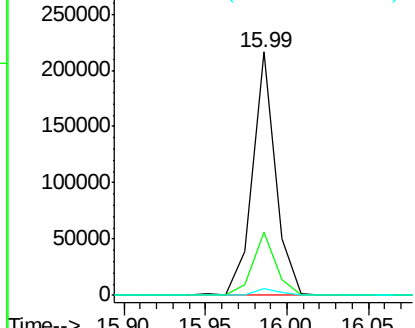
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.90 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 212145
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.4 33.6
 279 2.8 3.4 5.0#

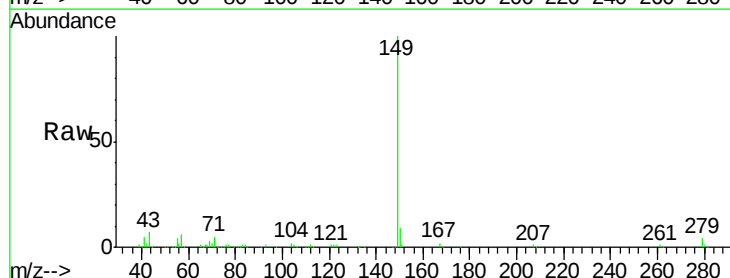


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

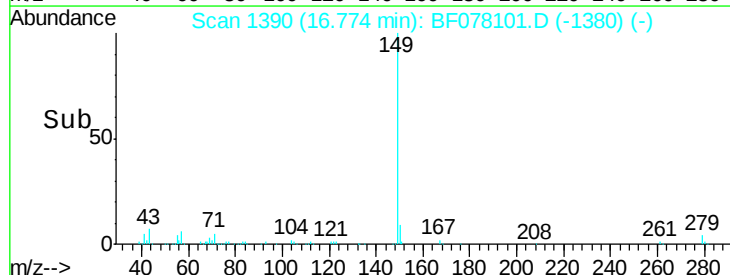
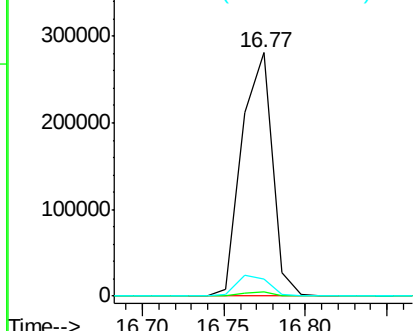


#84
 Di-n-octyl phthalate
 Concen: 36.00 ng
 RT: 16.77 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion:149 Resp: 363756
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

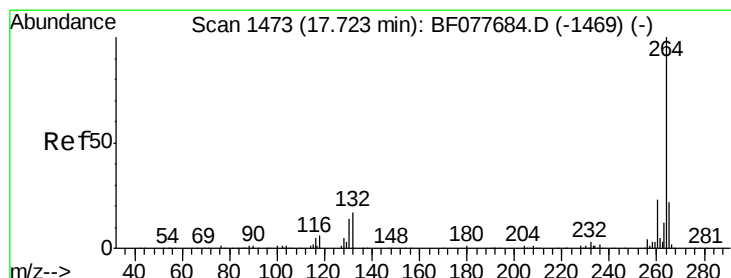
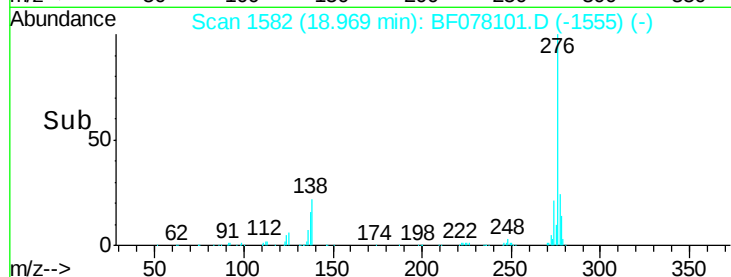
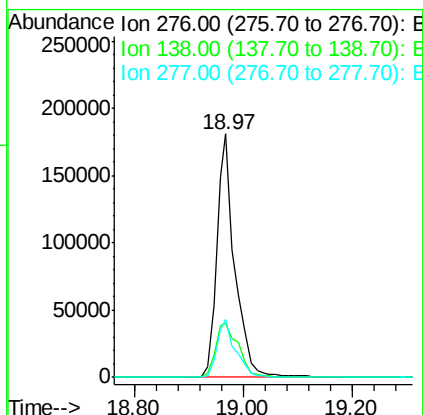
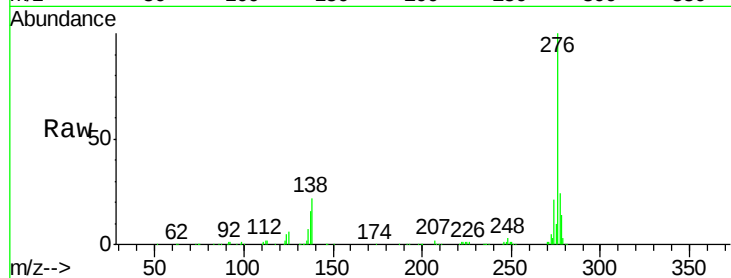




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.30 ng
 RT: 18.97 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

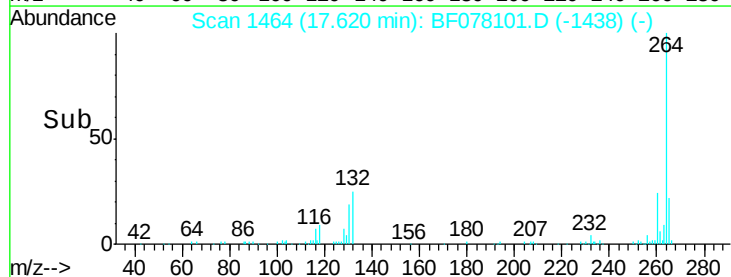
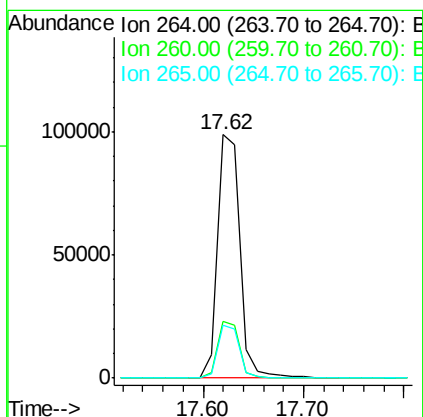
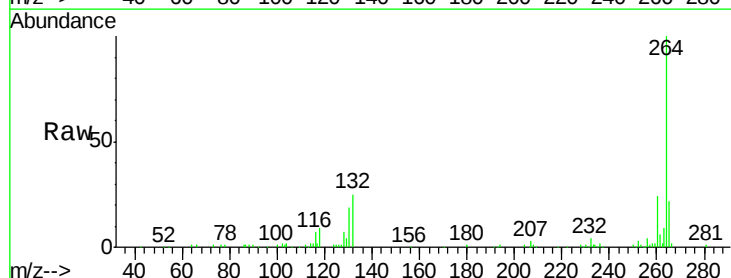
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 276 Resp: 421884
 Ion Ratio Lower Upper
 276 100
 138 28.3 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF078101.D
 Acq: 31 Mar 2015 3:40

Tgt Ion: 264 Resp: 151777
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.7 17.3 25.9

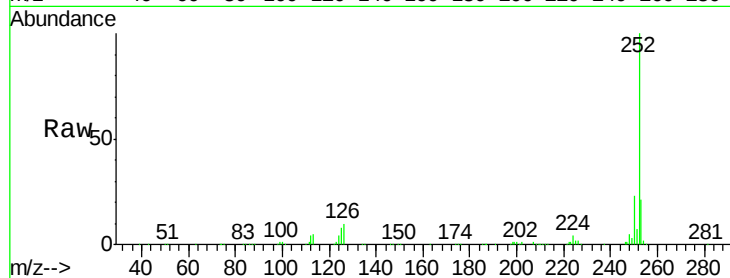




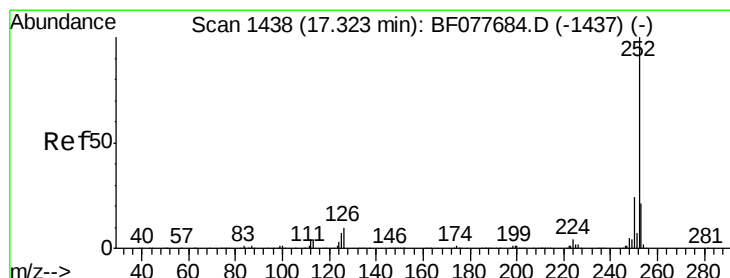
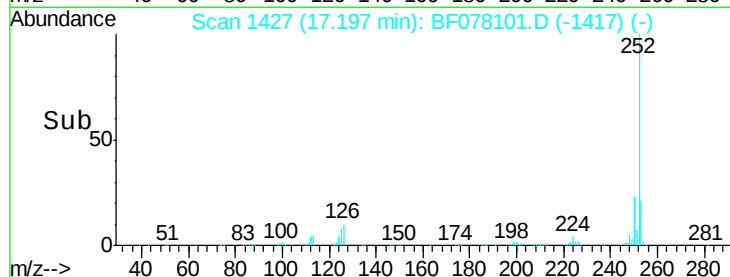
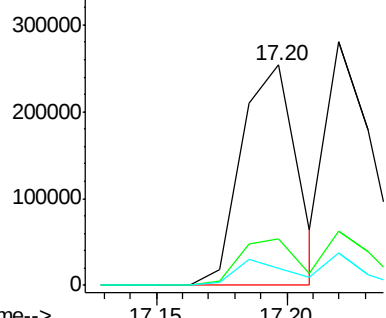
#87
Benzo(b)fluoranthene
Concen: 37.70 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 373591
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 7.7 9.9 14.9#

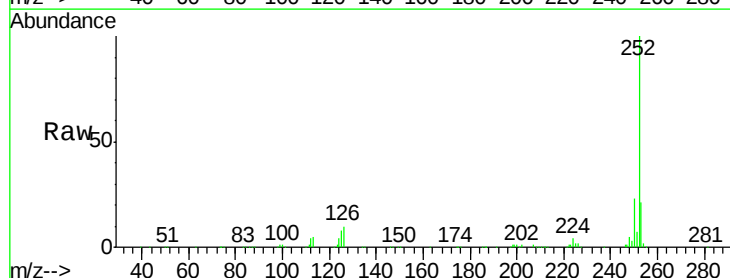


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

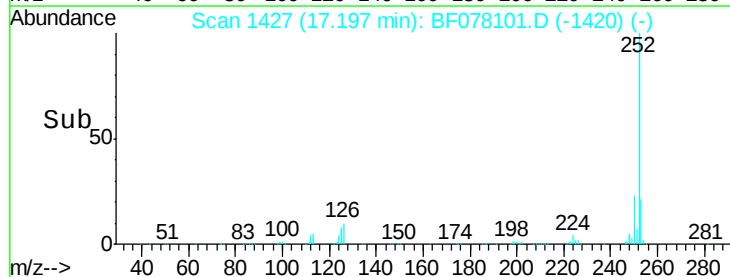
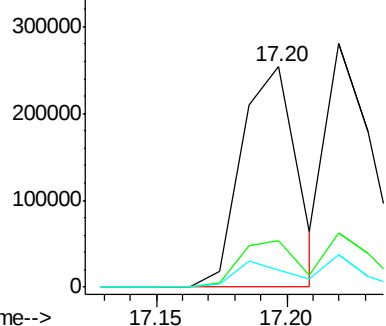


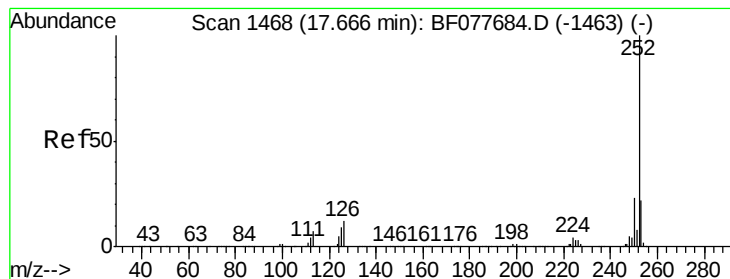
#88
Benzo(k)fluoranthene
Concen: 48.27 ng
RT: 17.20 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF078101.D
Acq: 31 Mar 2015 3:40

Tgt Ion:252 Resp: 373591
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 7.7 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.05 ng

RT: 17.56 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

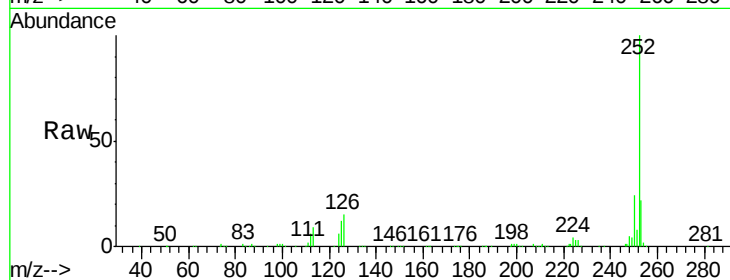
Tgt Ion:252 Resp: 331124

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

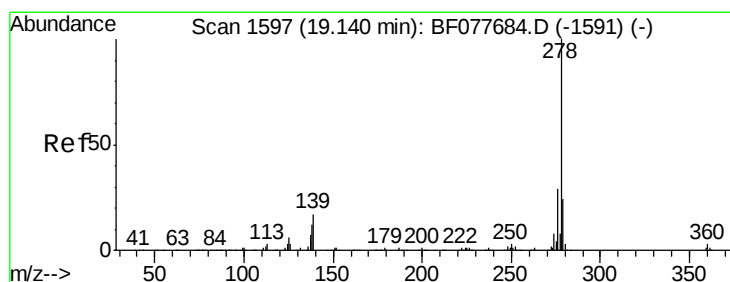
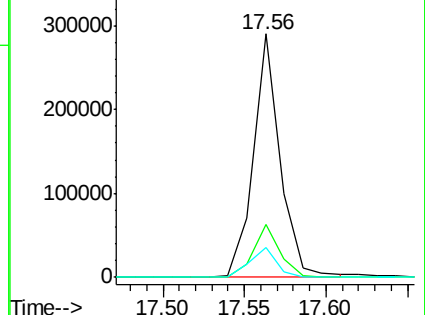
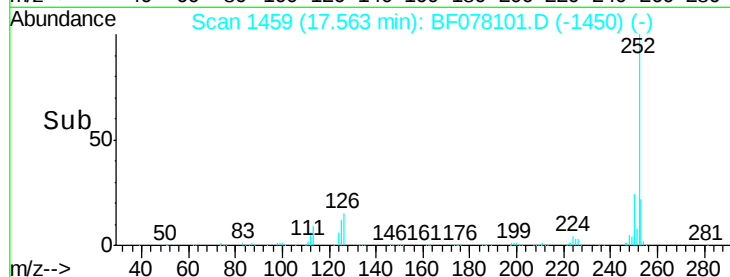
125 12.1 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.66 ng

RT: 18.99 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

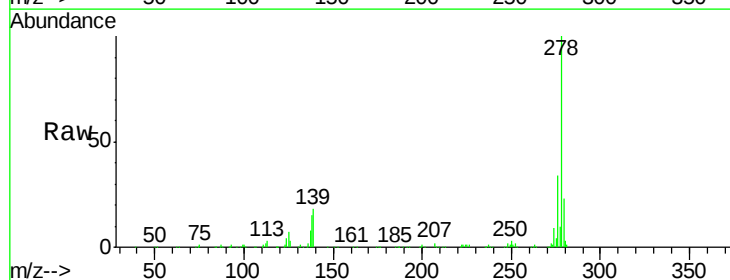
Tgt Ion:278 Resp: 325228

Ion Ratio Lower Upper

278 100

139 17.7 13.4 20.0

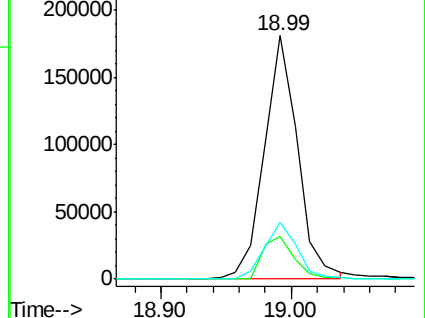
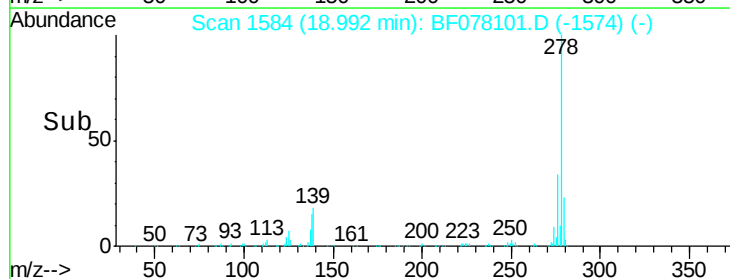
279 23.2 19.0 28.4

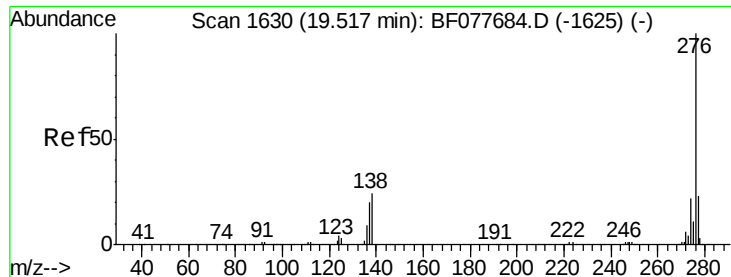


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.73 ng

RT: 19.36 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BF078101.D

Acq: 31 Mar 2015 3:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

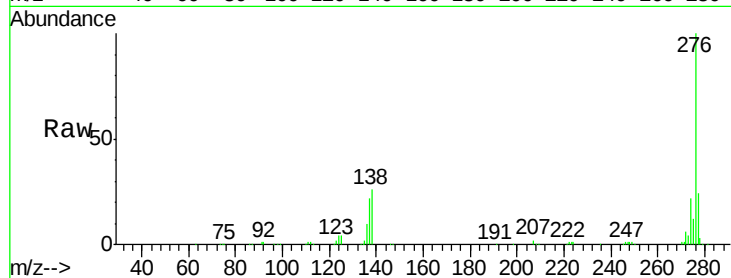
Tgt Ion: 276 Resp: 331663

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 25.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

