

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084984.D
 Acq On : 10 Feb 2016 10:58
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 10 13:39:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	204828	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	842646	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	390424	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	732974	20.00	ng	0.00
75) Chrysene-d12	13.77	240	510264	20.00	ng	0.00
86) Perylene-d12	15.13	264	406608	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	986699	75.03	ng	0.00
7) Phenol-d6	6.28	99	1176072	72.14	ng	0.00
23) Nitrobenzene-d5	7.20	82	1166206	77.96	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	336972	82.74	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1795481	74.23	ng	0.00
78) Terphenyl-d14	12.73	244	1868329	82.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	226880	39.39	ng	# 76
3) Pyridine	2.72	79	561129	37.39	ng	# 75
4) n-Nitrosodimethylamine	2.68	42	300070	38.66	ng	# 79
6) Aniline	6.30	93	795780	39.89	ng	# 53
8) 2-Chlorophenol	6.41	128	564465	37.92	ng	# 93
9) Benzaldehyde	6.17	77	355939	36.97	ng	# 98
10) Phenol	6.30	94	645281	35.33	ng	# 77
11) bis(2-Chloroethyl)ether	6.38	93	569017	39.95	ng	# 90
12) 1,3-Dichlorobenzene	6.80	146	581080	36.95	ng	# 98
13) 1,4-Dichlorobenzene	6.64	146	573413	36.47	ng	# 98
14) 1,2-Dichlorobenzene	6.80	146	581335	39.70	ng	# 98
15) Benzyl Alcohol	6.79	79	465899	41.39	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	6.91	45	915802	38.23	ng	# 68
17) 2-Methylphenol	6.91	107	458304	38.93	ng	# 87
18) Hexachloroethane	7.13	117	230802	38.12	ng	# 89
19) n-Nitroso-di-n-propylamine	7.06	70	373534	36.55	ng	# 76
20) 3+4-Methylphenols	7.06	107	554562	37.95	ng	# 82
22) Acetophenone	7.05	105	814676	36.68	ng	# 99
24) Nitrobenzene	7.22	77	618742	38.63	ng	# 98
25) Isophorone	7.47	82	1131393	38.90	ng	# 96
26) 2-Nitrophenol	7.54	139	324938	41.13	ng	# 91
27) 2,4-Dimethylphenol	7.59	122	487642	35.49	ng	# 95
28) bis(2-Chloroethoxy)methane	7.68	93	597438	34.62	ng	# 99
29) 2,4-Dichlorophenol	7.78	162	433832	36.90	ng	# 95
30) 1,2,4-Trichlorobenzene	7.86	180	518183	39.02	ng	# 95
31) Naphthalene	7.94	128	1644908	38.92	ng	# 100
32) Benzoic acid	7.75	122	328929	37.42	ng	# 92
33) 4-Chloroaniline	8.00	127	735843	42.09	ng	# 94
34) Hexachlorobutadiene	8.06	225	281590	36.77	ng	# 99
35) Caprolactam	8.39	113	149225	41.18	ng	# 46
36) 4-Chloro-3-methylphenol	8.49	107	481986	35.93	ng	# 93
37) 2-Methylnaphthalene	8.63	142	997019	37.69	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	511229	41.23	ng	# 98
40) Hexachlorocyclopentadiene	8.78	237	167155	39.01	ng	# 96

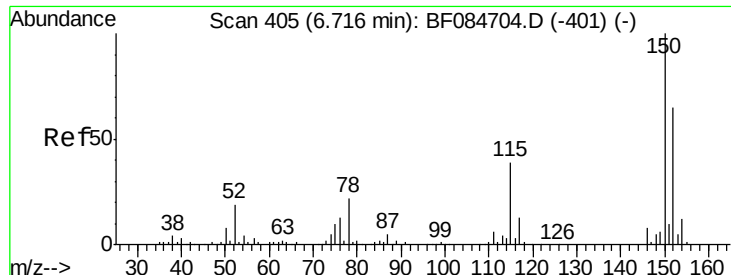
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	312204	39.08	ng	96
43) 2,4,5-Trichlorophenol	8.96	196	326197	40.19	ng	93
45) 1,1'-Biphenyl	9.10	154	1387839	39.80	ng	99
46) 2-Chloronaphthalene	9.12	162	1055995	41.12	ng	91
47) 2-Nitroaniline	9.22	65	358634	44.10	ng	90
48) Acenaphthylene	9.53	152	1574535	40.40	ng	98
49) Dimethylphthalate	9.40	163	1128746	37.96	ng	# 90
50) 2,6-Dinitrotoluene	9.47	165	256190	39.44	ng	# 83
51) Acenaphthene	9.70	154	1011648	39.90	ng	98
52) 3-Nitroaniline	9.63	138	269194	36.88	ng	91
53) 2,4-Dinitrophenol	9.75	184	100541	36.90	ng	# 84
54) Dibenzofuran	9.87	168	1236263	39.90	ng	98
55) 4-Nitrophenol	9.82	139	214252	39.94	ng	94
56) 2,4-Dinitrotoluene	9.87	165	343484	41.46	ng	93
57) Fluorene	10.22	166	1051413	40.63	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	240031	38.85	ng	# 86
59) Diethylphthalate	10.10	149	1090081	37.54	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	420857	37.50	ng	89
61) 4-Nitroaniline	10.25	138	307380	43.21	ng	91
62) Azobenzene	10.36	77	1091867	39.11	ng	89
64) 4,6-Dinitro-2-methylphenol	10.27	198	171577	37.93	ng	# 51
65) n-Nitrosodiphenylamine	10.33	169	855937	36.78	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	338030	41.75	ng	94
67) Hexachlorobenzene	10.75	284	313521	35.54	ng	# 83
68) Atrazine	10.87	200	323437	44.01	ng	97
69) Pentachlorophenol	10.96	266	146218	35.27	ng	97
70) Phenanthrene	11.16	178	1396131	34.34	ng	97
71) Anthracene	11.22	178	1647993	40.23	ng	99
72) Carbazole	11.38	167	1462758	40.95	ng	98
73) Di-n-butylphthalate	11.71	149	1600217	35.19	ng	# 96
74) Fluoranthene	12.34	202	1423003	34.58	ng	99
76) Benzidine	12.48	184	786332	44.49	ng	99
77) Pyrene	12.57	202	1422885	36.42	ng	98
79) Butylbenzylphthalate	13.21	149	706039	39.84	ng	# 80
80) Benzo(a)anthracene	13.76	228	1235170	39.00	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	452367	40.34	ng	99
82) Chrysene	13.79	228	1020328	33.22	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	844698	38.30	ng	# 97
84) Di-n-octyl phthalate	14.38	149	1236884	33.99	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.39	276	962926	39.83	ng	98
87) Benzo(b)fluoranthene	14.79	252	1932826	70.75	ng	98
88) Benzo(k)fluoranthene	14.79	252	1933483	85.59	ng	98
89) Benzo(a)pyrene	15.07	252	861610	37.01	ng	# 95
90) Dibenzo(a,h)anthracene	16.40	278	786616	40.14	ng	# 93
91) Benzo(g,h,i)perylene	16.75	276	835454	42.33	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

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SSTDCCC040

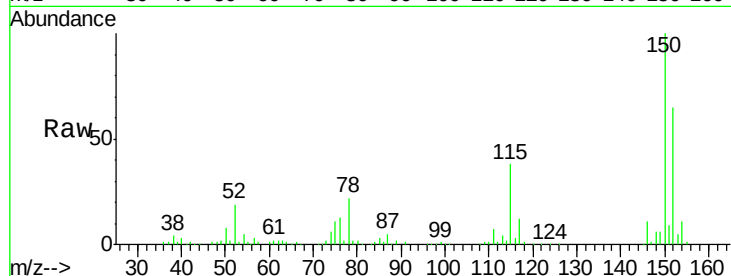
Tgt Ion:152 Resp: 204828

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

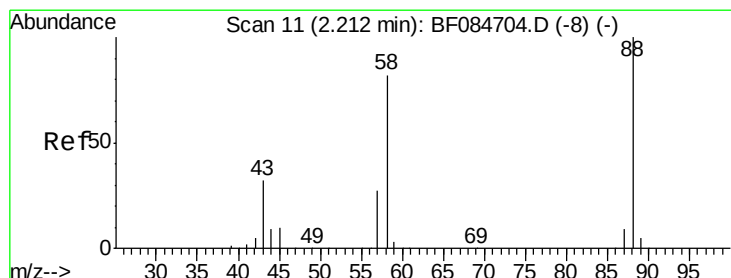
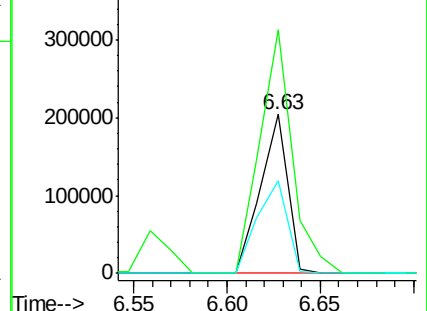
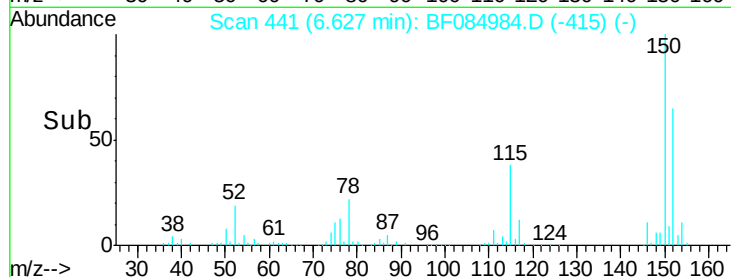
115 58.0 51.4 77.2



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: 39.39 ng

RT: 2.08 min Scan# 43

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

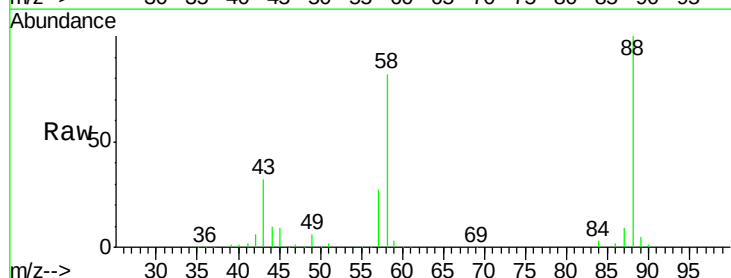
Tgt Ion: 88 Resp: 226880

Ion Ratio Lower Upper

88 100

58 84.3 51.2 76.8#

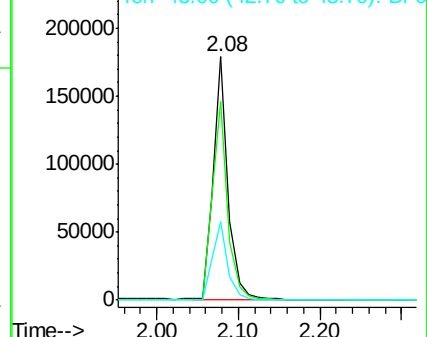
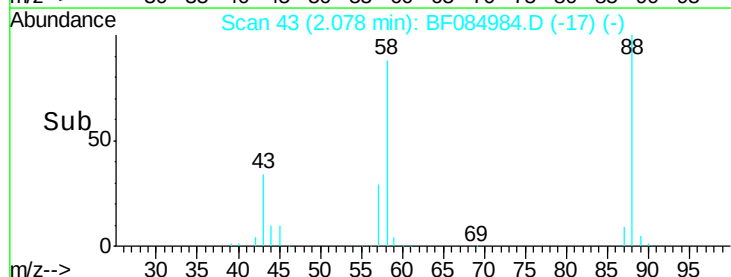
43 34.5 19.5 29.3#

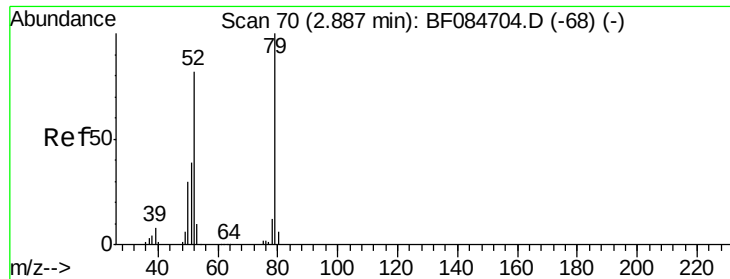


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.39 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

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ClientSampleId :

SSTDCCC040

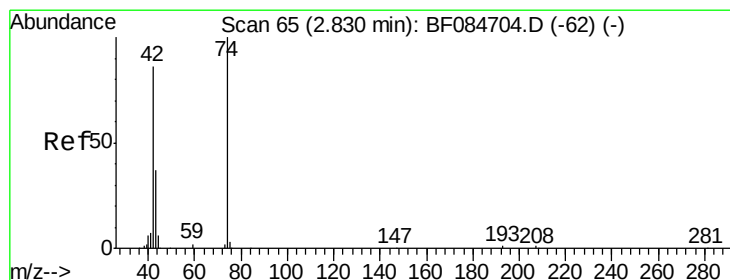
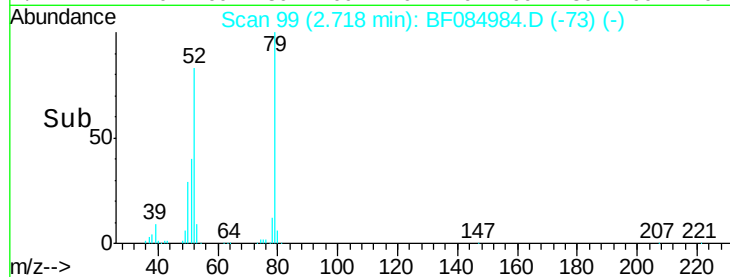
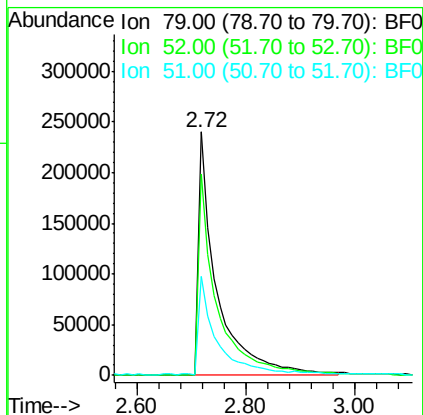
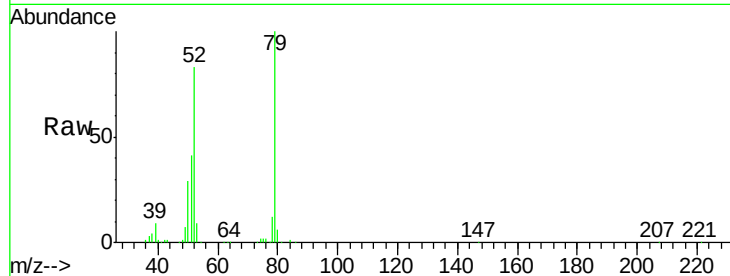
Tgt Ion: 79 Resp: 561129

Ion Ratio Lower Upper

79 100

52 82.9 49.0 73.4#

51 40.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.66 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

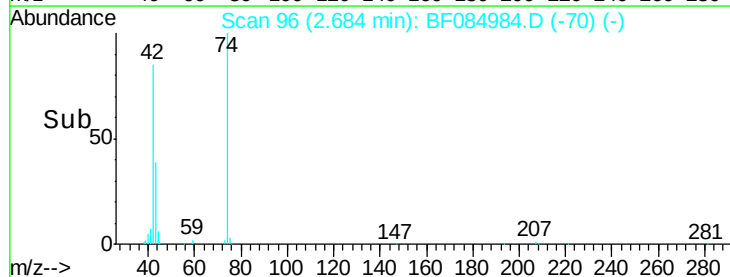
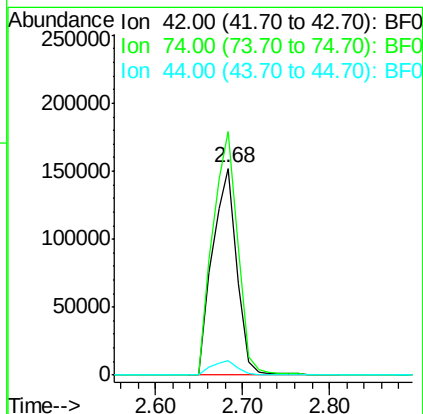
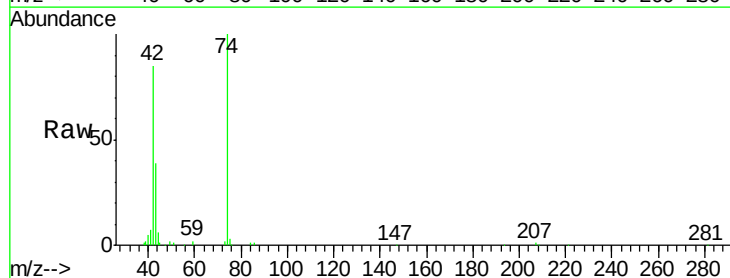
Tgt Ion: 42 Resp: 300070

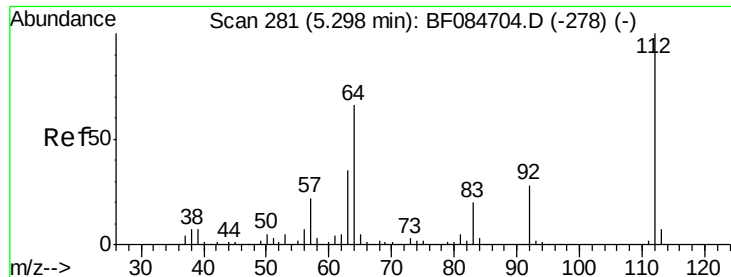
Ion Ratio Lower Upper

42 100

74 117.6 115.7 173.5

44 7.1 5.1 7.7





#5

2-Fluorophenol

Concen: 75.03 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

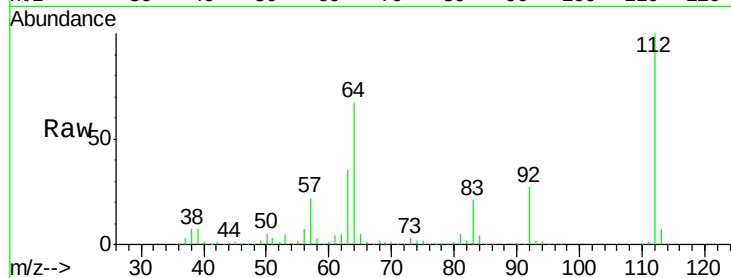
Tgt Ion: 112 Resp: 986699

Ion Ratio Lower Upper

112 100

64 66.9 36.6 55.0#

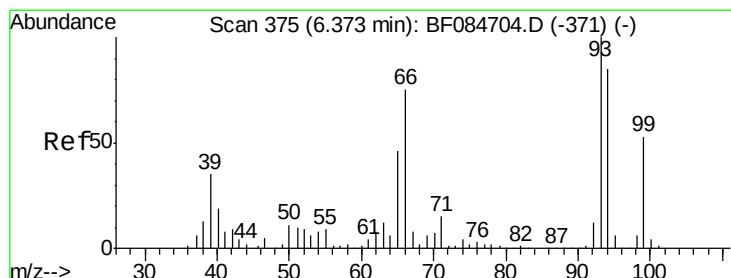
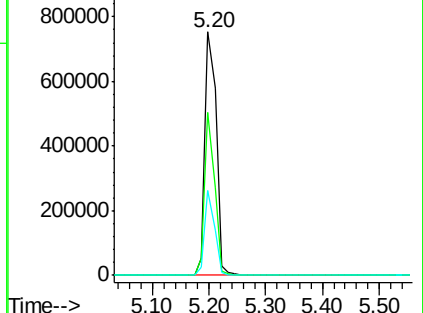
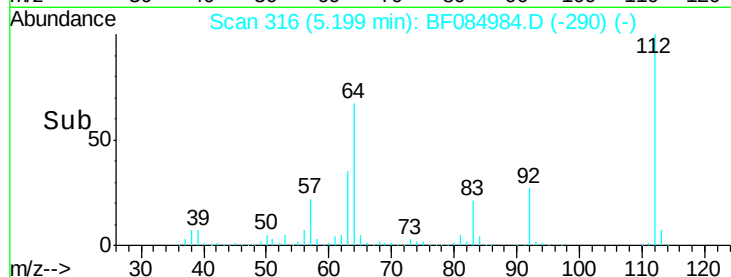
63 34.7 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.89 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

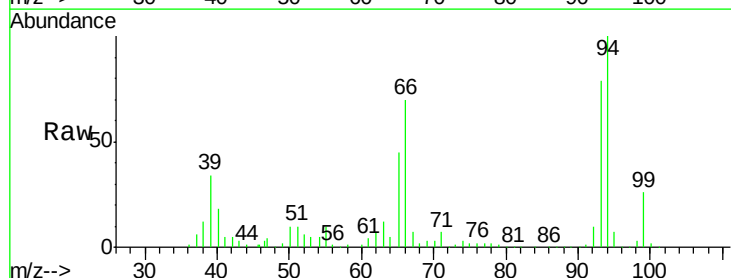
Tgt Ion: 93 Resp: 795780

Ion Ratio Lower Upper

93 100

66 88.4 44.9 67.3#

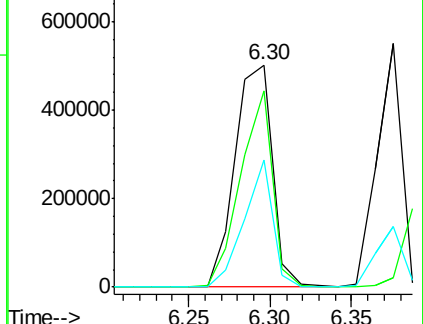
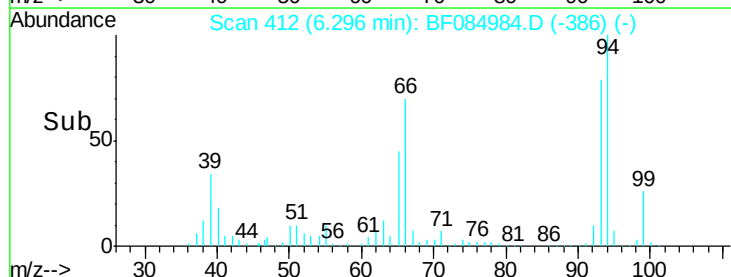
65 57.1 23.7 35.5#

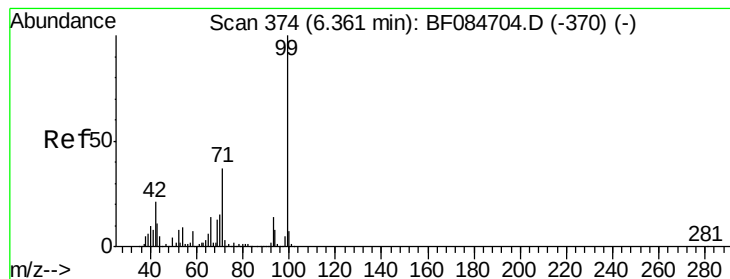


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.14 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

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SSTDCCC040

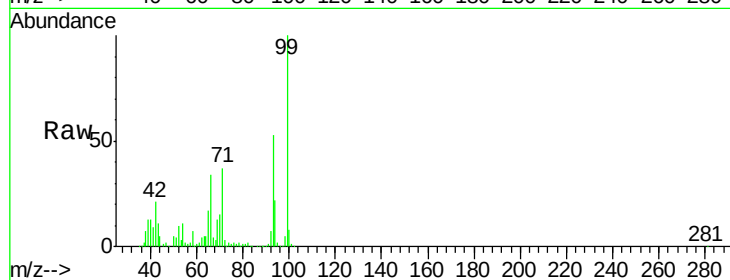
Tgt Ion: 99 Resp: 1176072

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

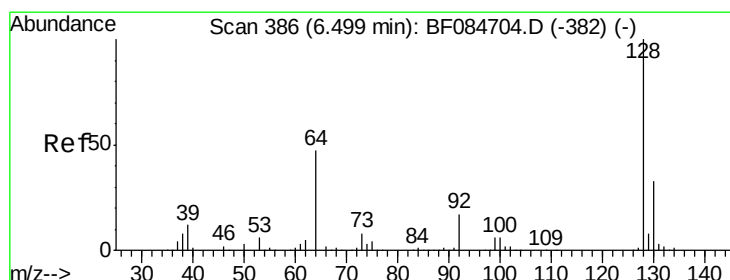
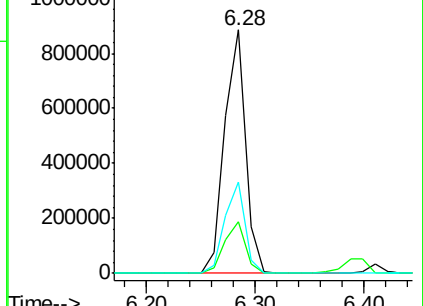
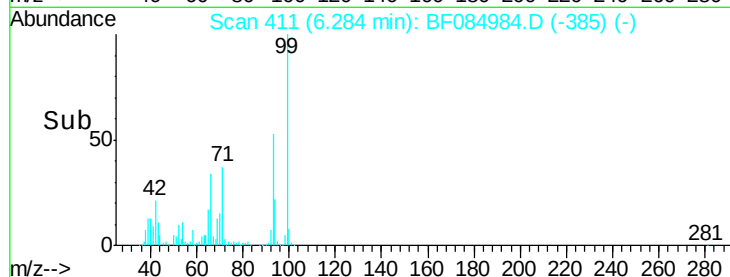
71 37.4 30.9 46.3



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: 37.92 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

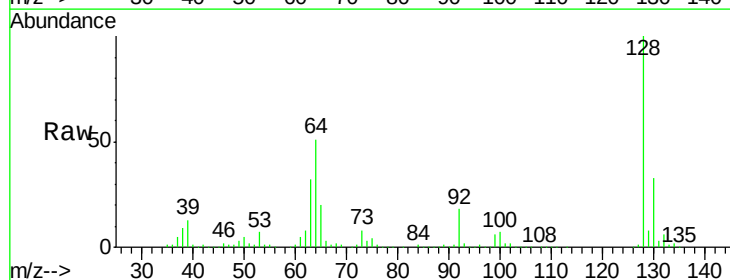
Tgt Ion: 128 Resp: 564465

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

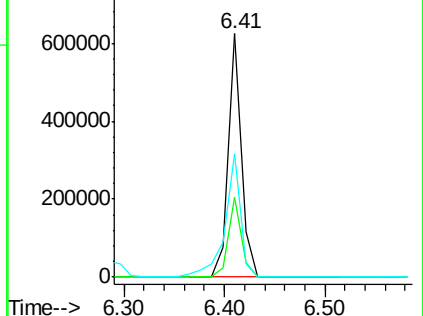
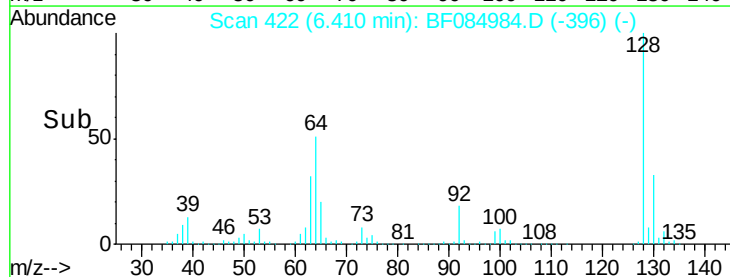
64 50.8 23.8 63.8

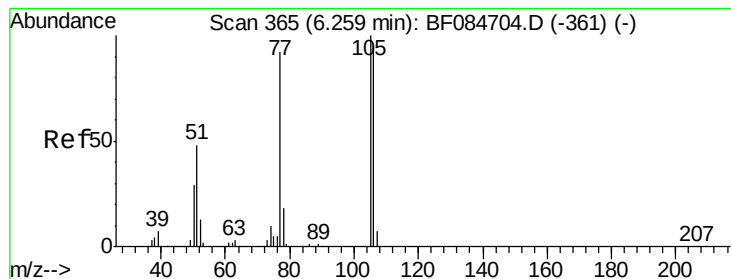


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.97 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

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Acq: 10 Feb 2016 10:58

Instrument :

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ClientSampleId :

SSTDCCC040

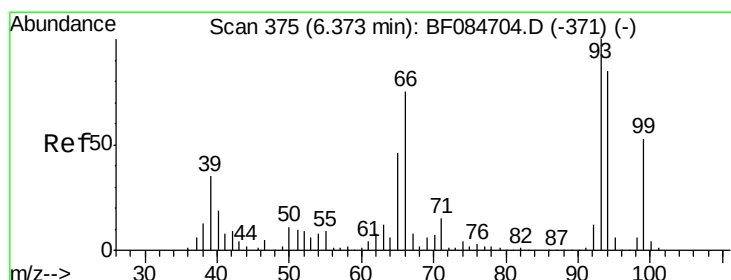
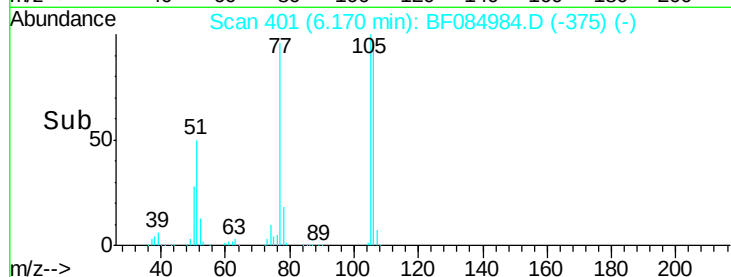
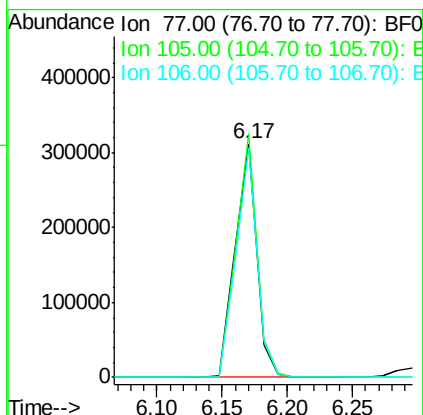
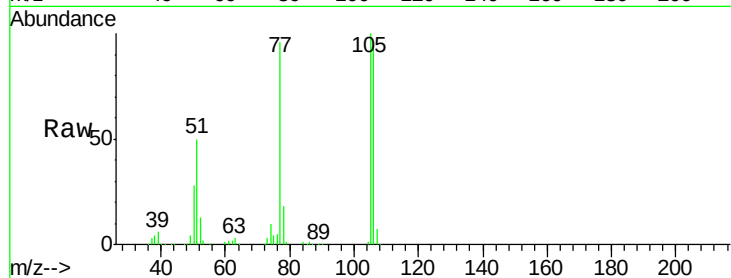
Tgt Ion: 77 Resp: 355939

Ion Ratio Lower Upper

77 100

105 104.1 83.0 123.0

106 98.3 74.6 114.6



#10

Phenol

Concen: 35.33 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

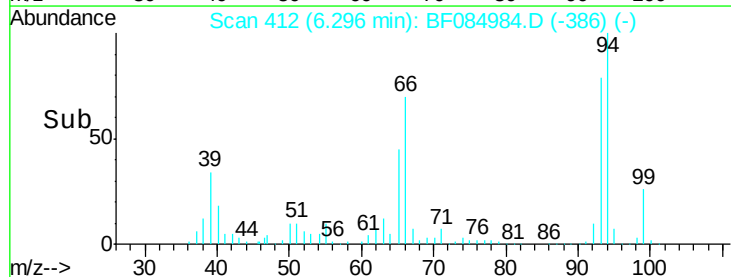
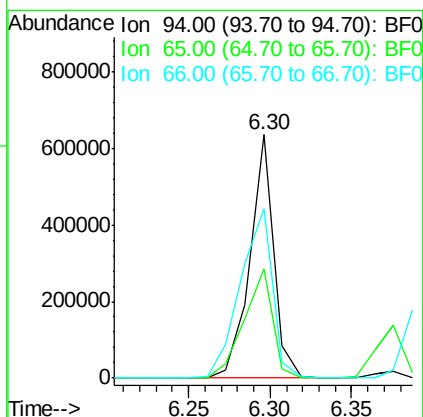
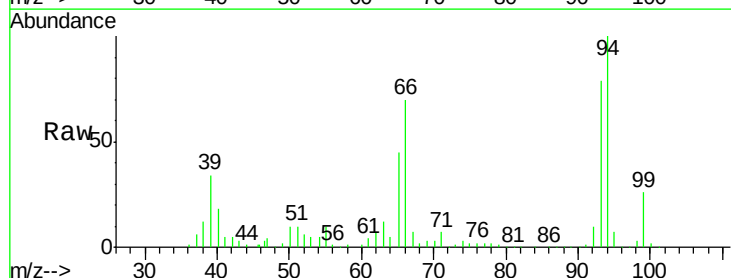
Tgt Ion: 94 Resp: 645281

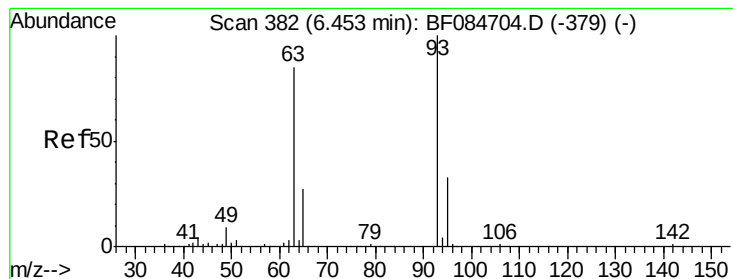
Ion Ratio Lower Upper

94 100

65 45.1 12.9 52.9

66 69.8 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.95 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

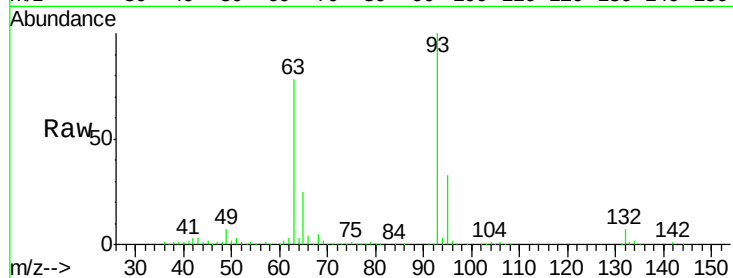
Tgt Ion: 93 Resp: 569017

Ion Ratio Lower Upper

93 100

63 77.7 45.9 85.9

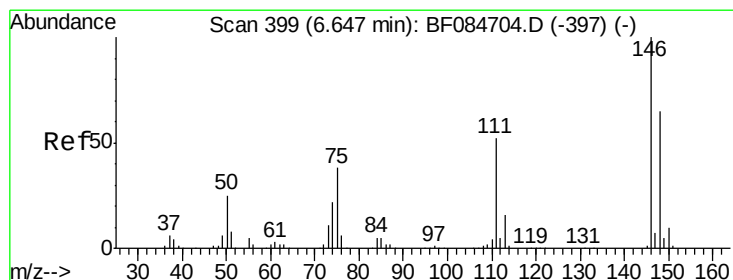
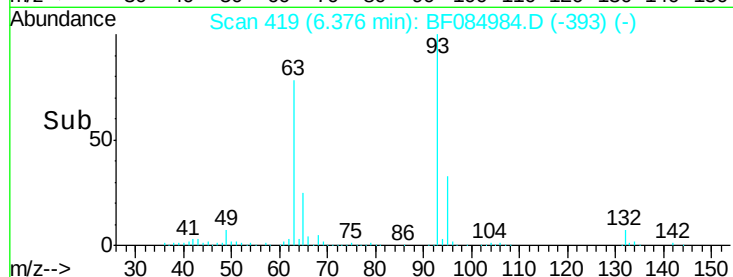
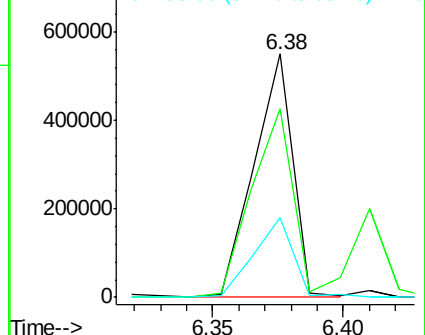
95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.95 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.24 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

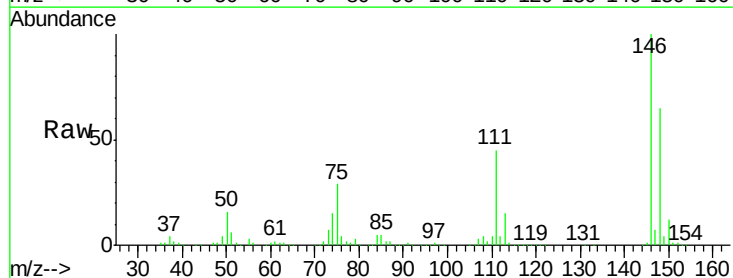
Tgt Ion: 146 Resp: 581080

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

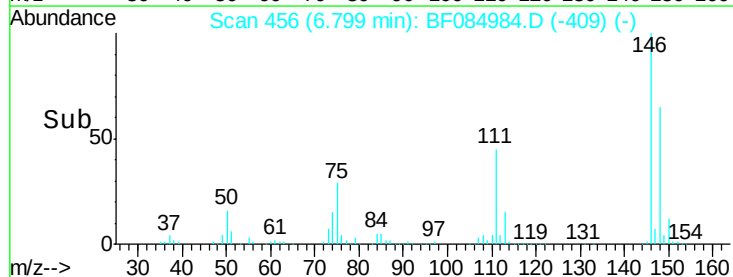
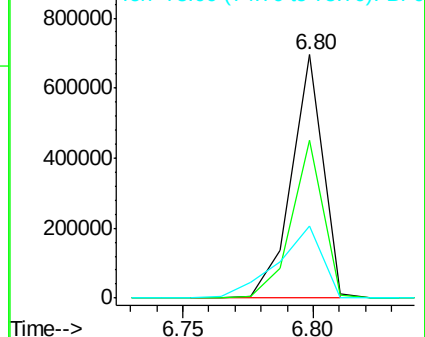
75 29.5 20.5 30.7

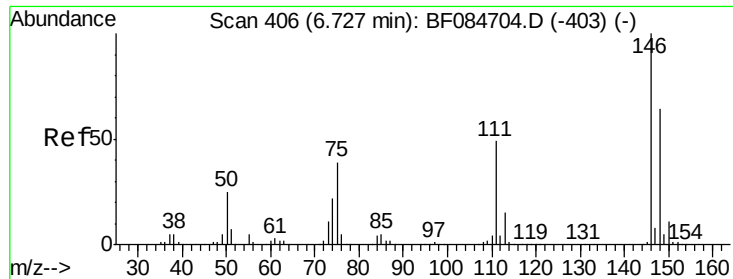


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

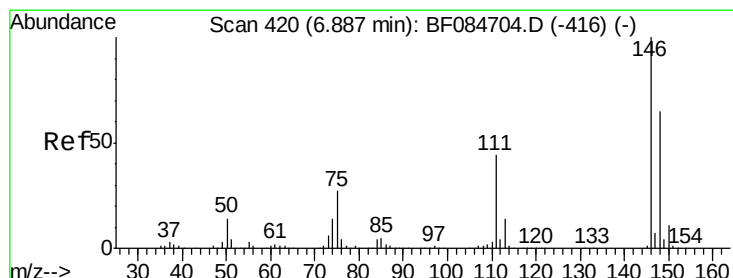
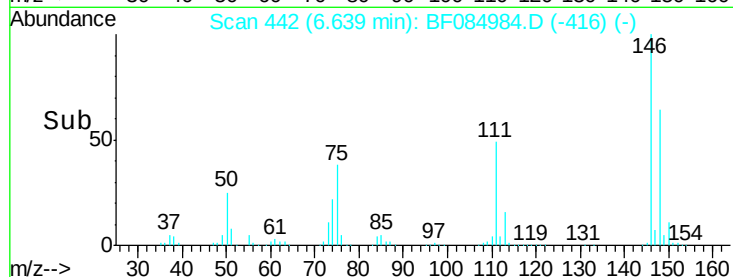
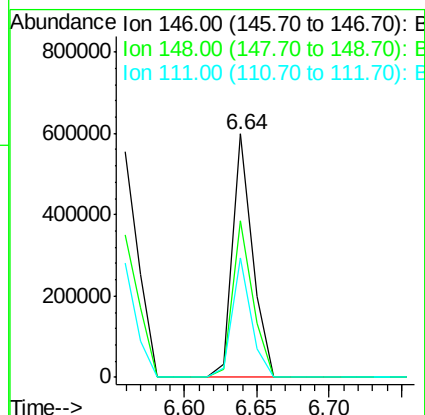
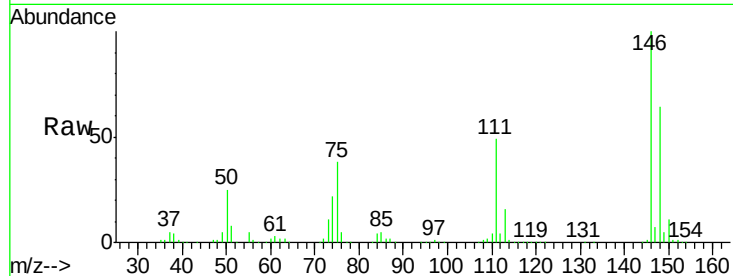




#13
 1,4-Dichlorobenzene
 Concen: 36.47 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

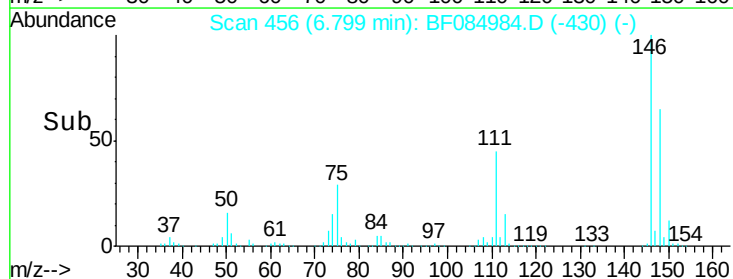
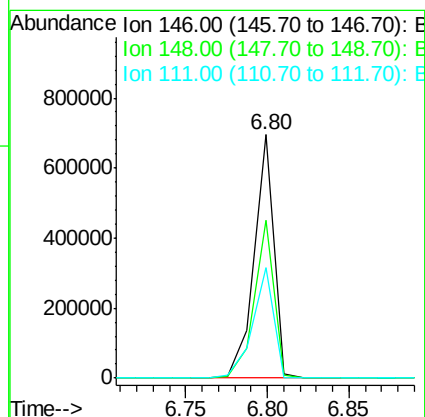
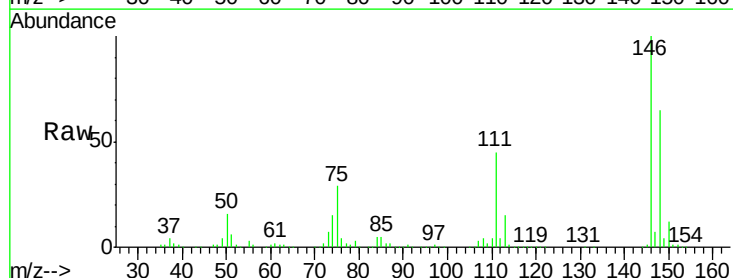
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

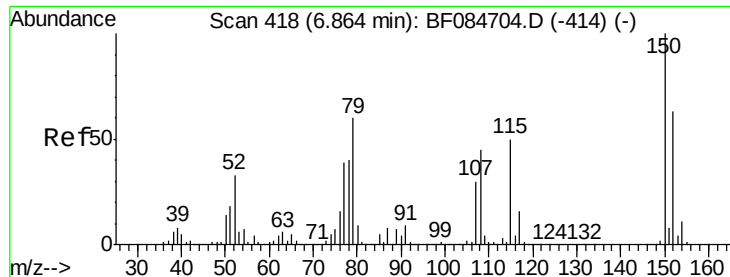
Tgt Ion:146 Resp: 573413
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 49.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.70 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion:146 Resp: 581335
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 45.3 38.0 57.0

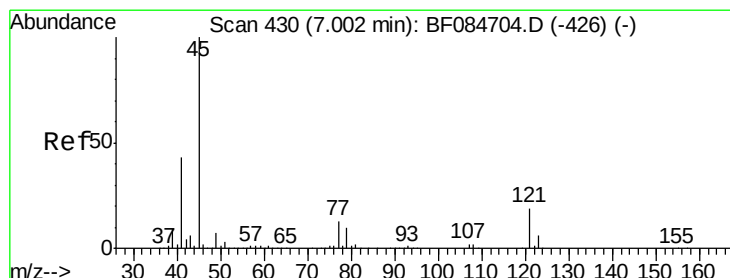
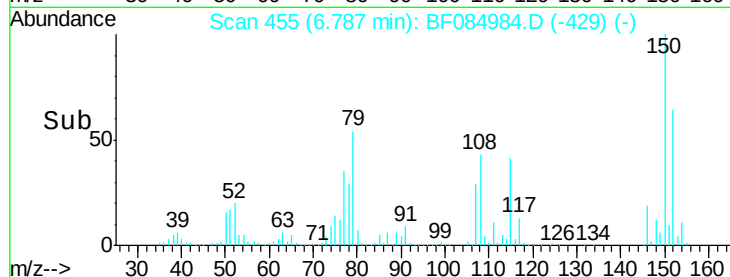
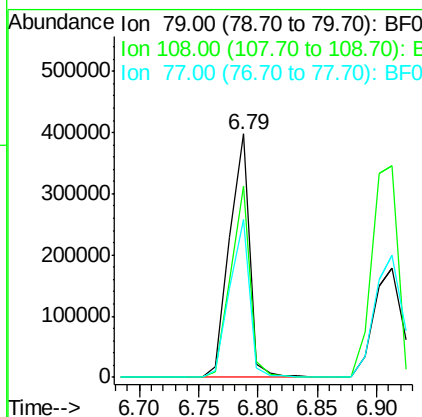
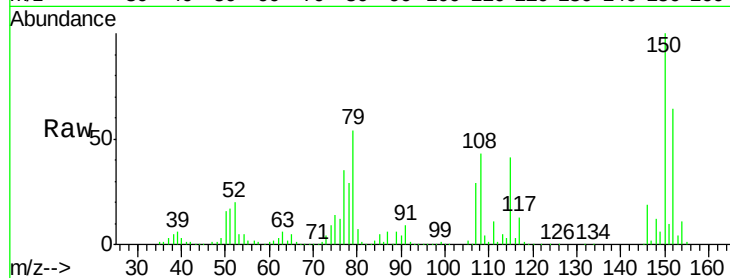




#15
Benzyl Alcohol
Concen: 41.39 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

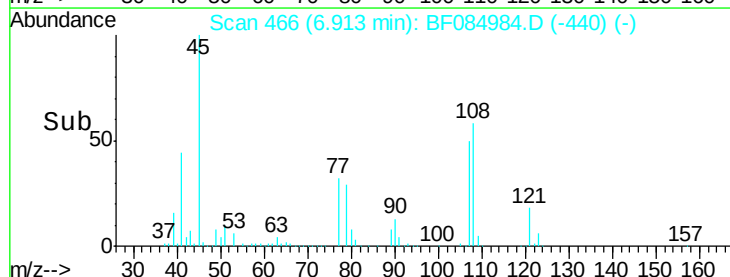
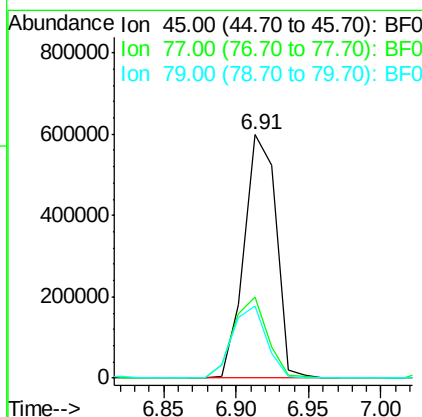
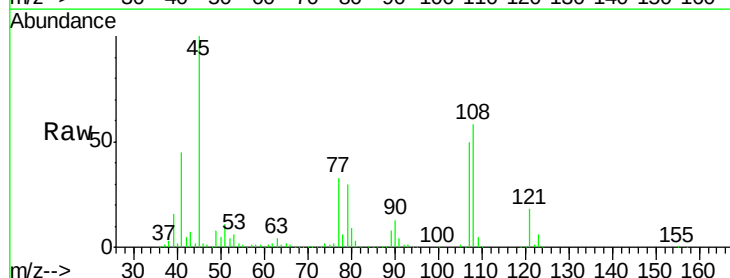
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

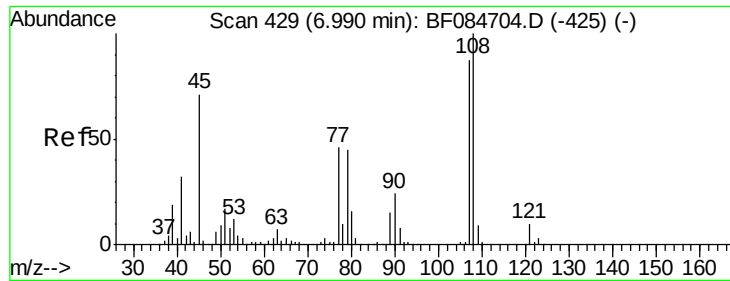
Tgt Ion: 79 Resp: 465899
Ion Ratio Lower Upper
79 100
108 78.7 69.0 103.4
77 65.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.23 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion: 45 Resp: 915802
Ion Ratio Lower Upper
45 100
77 33.1 0.0 39.6
79 29.7 0.0 35.0





#17

2-Methylphenol

Concen: 38.93 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

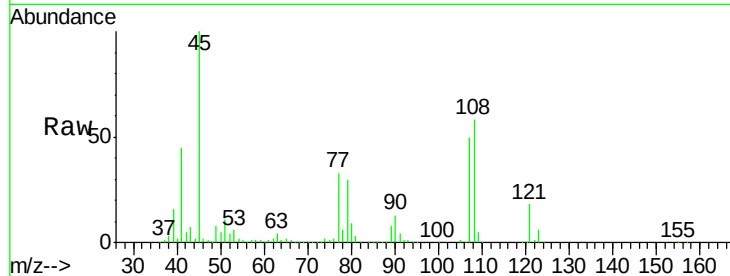
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	458304
Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.8	134.6
77	65.8	35.7	53.5#
79	59.0	35.7	53.5#



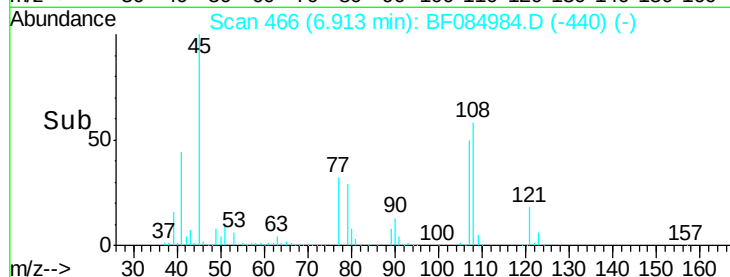
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

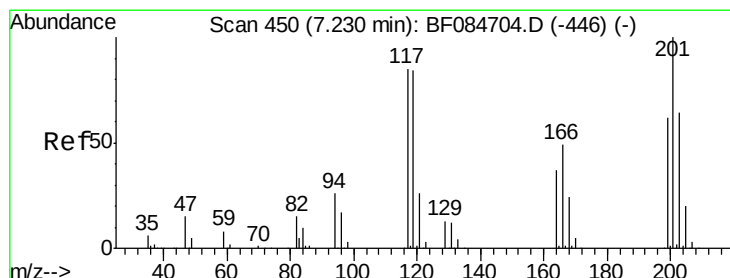
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Time-->



#18

Hexachloroethane

Concen: 38.12 ng

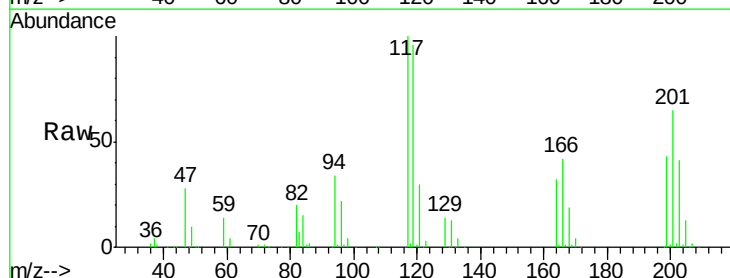
RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Tgt Ion:	117	Resp:	230802
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	65.3	68.6	103.0#

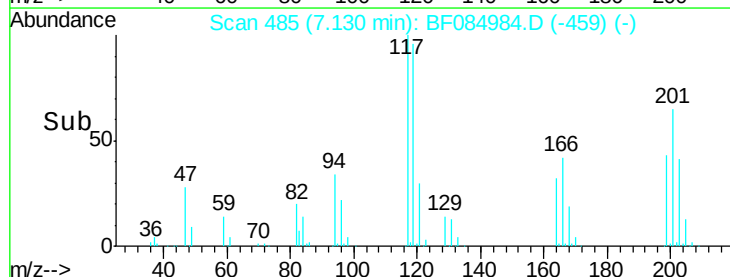


Abundance Ion 117.00 (116.70 to 117.70): E

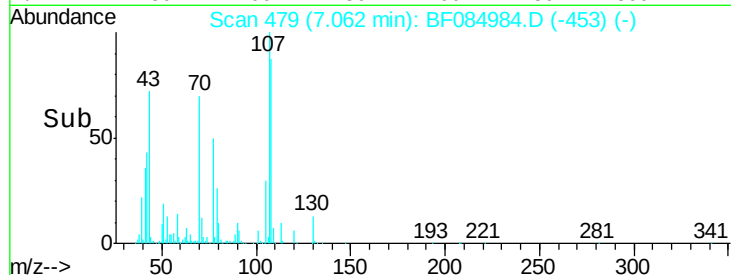
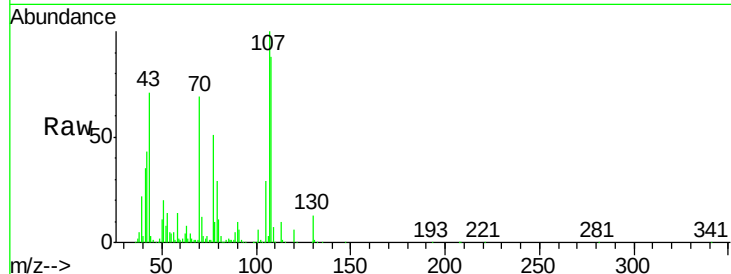
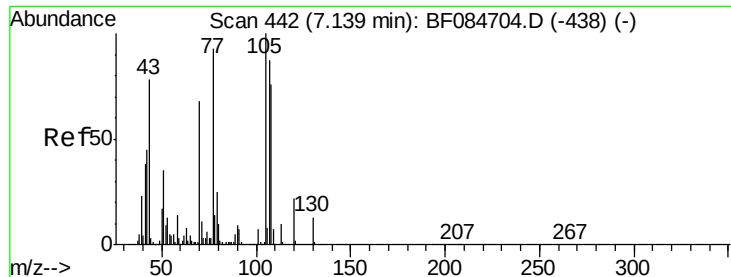
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



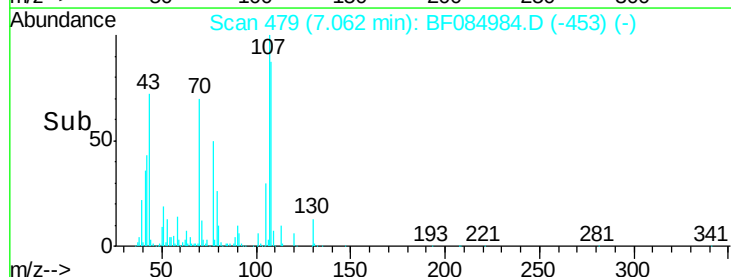
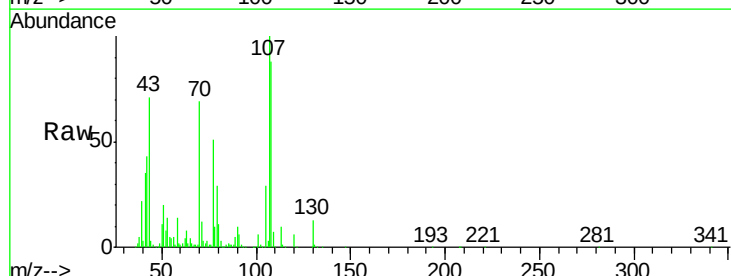
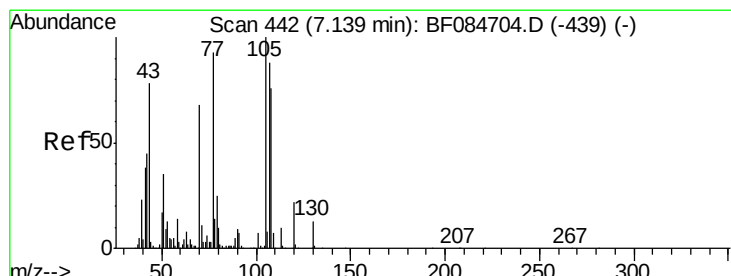
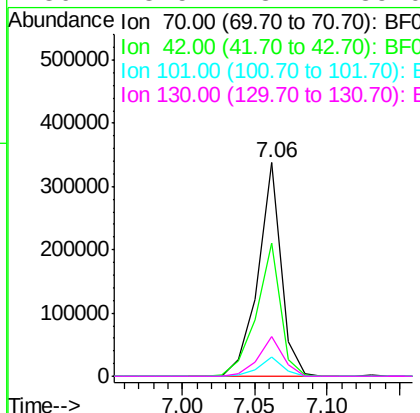
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.55 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

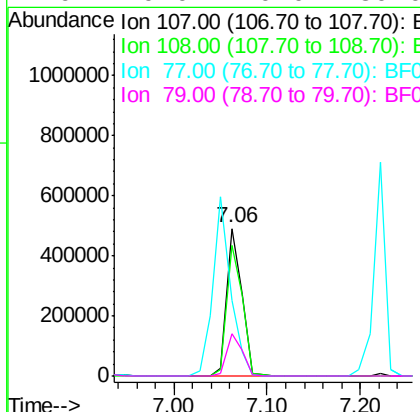
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

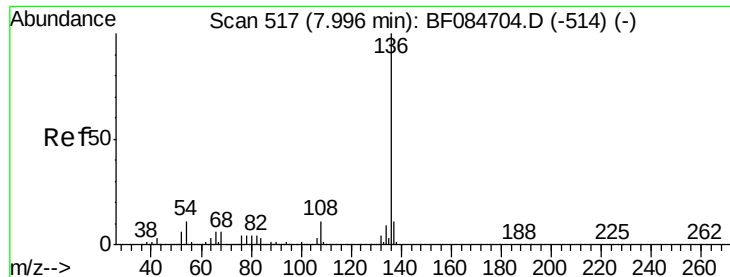
Tgt Ion: 70 Resp: 373534
Ion Ratio Lower Upper
70 100
42 62.3 33.3 49.9#
101 9.2 9.3 13.9#
130 18.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion: 107 Resp: 554562
Ion Ratio Lower Upper
107 100
108 88.2 74.6 114.6
77 51.5 0.7 40.7#
79 29.0 0.0 39.0

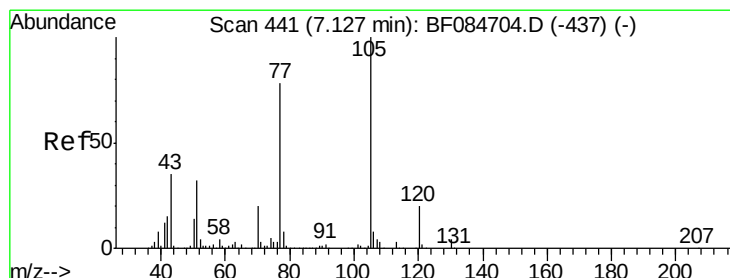
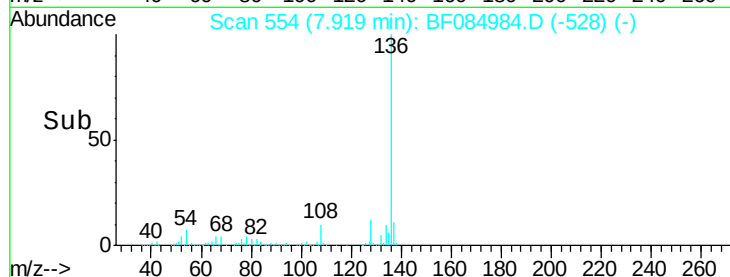
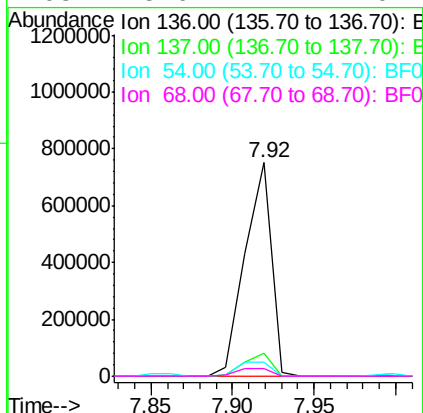
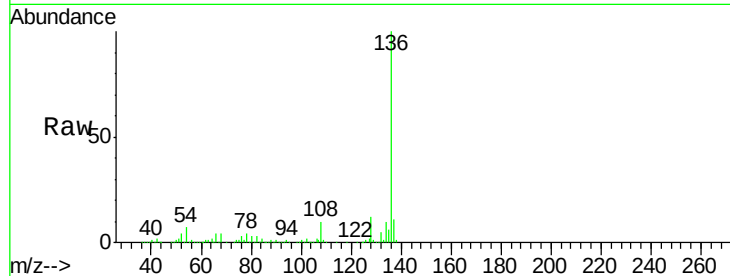




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

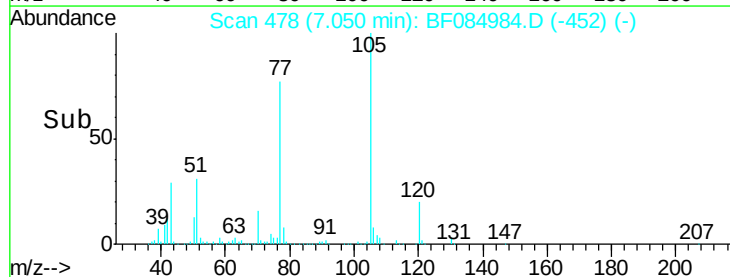
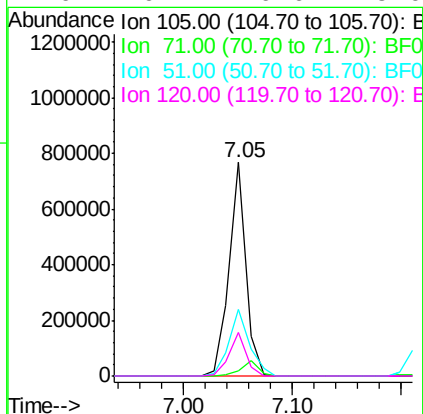
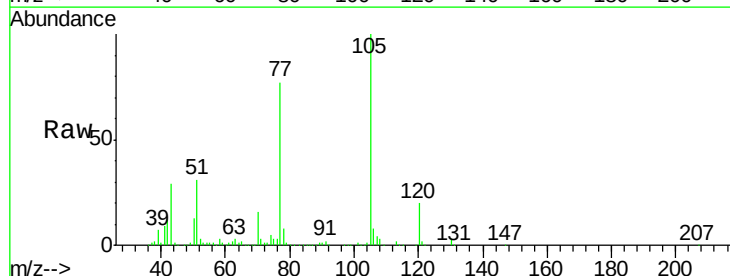
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

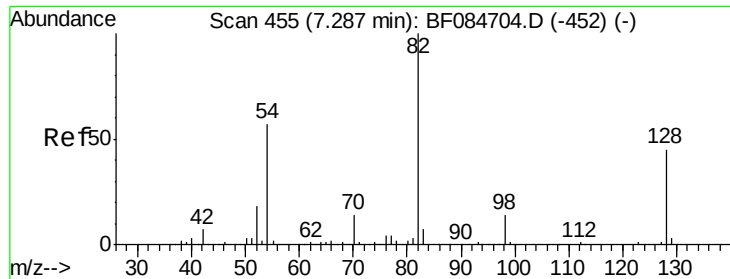
Tgt Ion:	136	Resp:	842646
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	6.6	5.8	8.8
68	3.6	4.2	6.2#



#22
Acetophenone
Concen: 36.68 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion:	105	Resp:	814676
Ion Ratio	Lower	Upper	
105	100		
71	2.5	3.7	5.5#
51	31.5	25.1	37.7
120	20.4	16.6	25.0

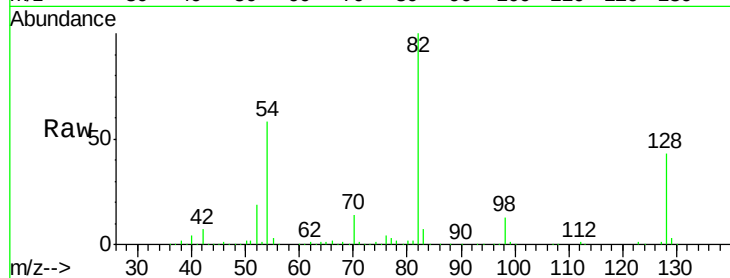




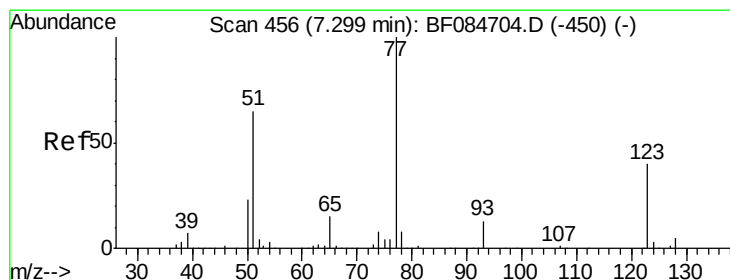
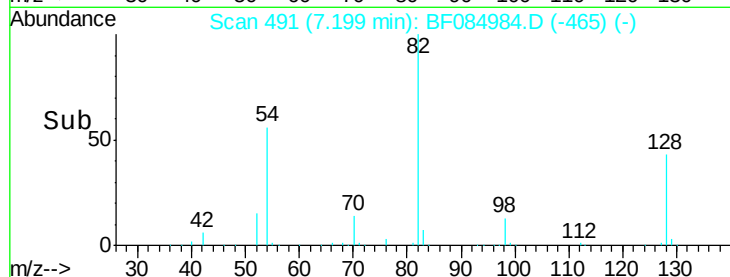
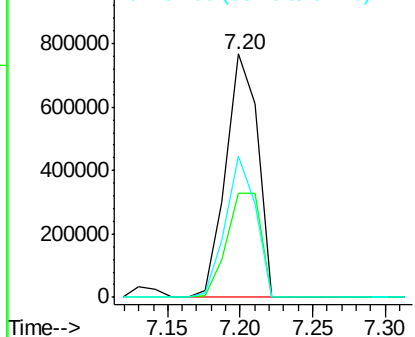
#23
 Nitrobenzene-d5
 Concen: 77.96 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1166206
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 51.8
 54 57.9 38.4 57.6#

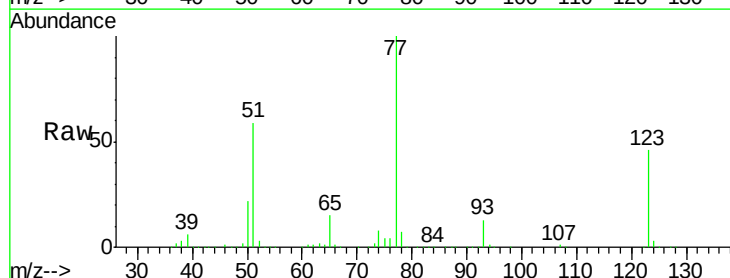


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

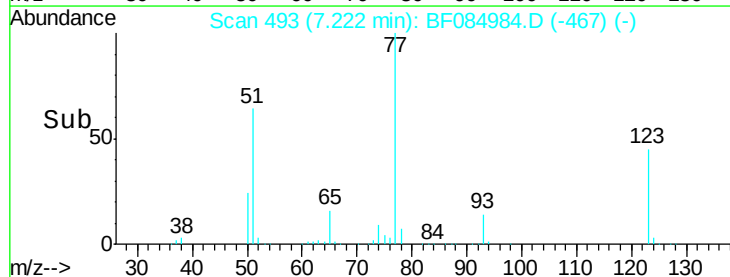
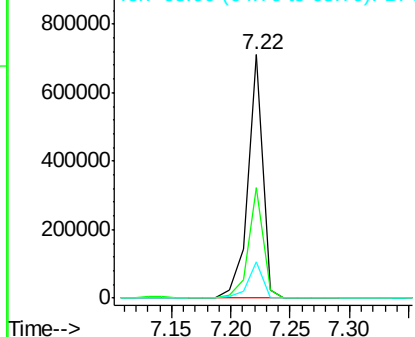


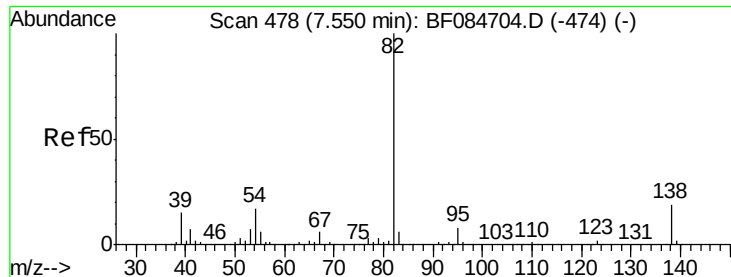
#24
 Nitrobenzene
 Concen: 38.63 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion: 77 Resp: 618742
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.4 56.2
 65 14.7 10.9 16.3



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





#25

Isophorone

Concen: 38.90 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

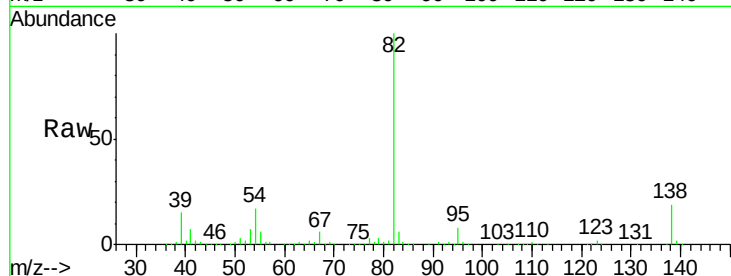
Tgt Ion: 82 Resp: 1131393

Ion Ratio Lower Upper

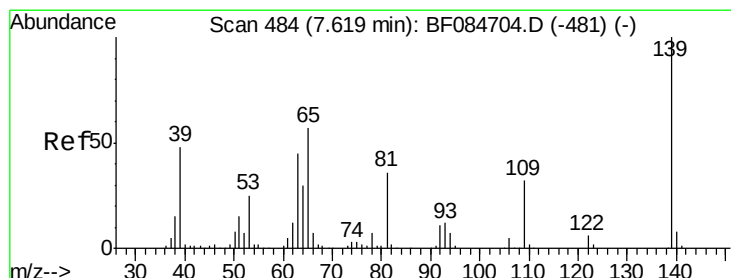
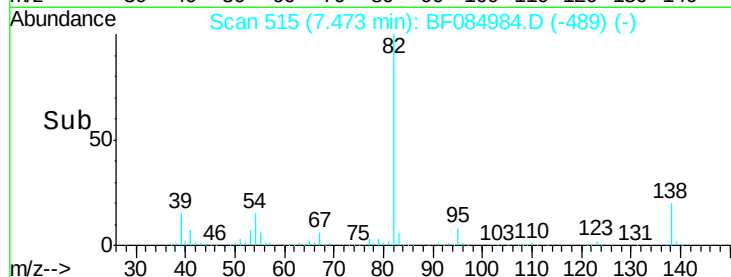
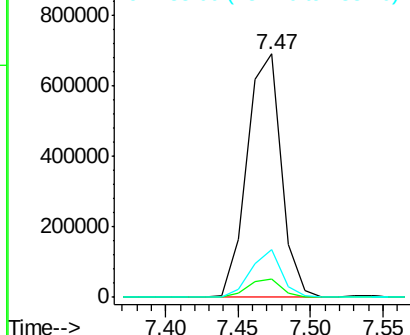
82 100

95 7.6 6.6 10.0

138 19.4 13.6 20.4



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



#26

2-Nitrophenol

Concen: 41.13 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

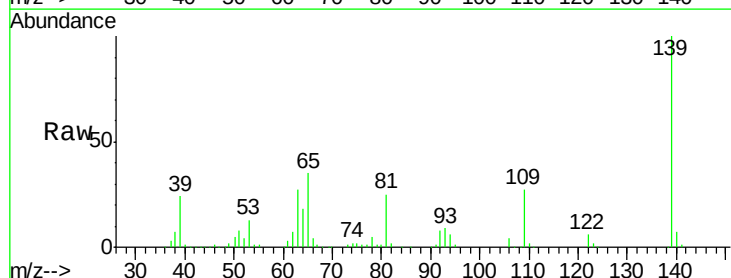
Tgt Ion: 139 Resp: 324938

Ion Ratio Lower Upper

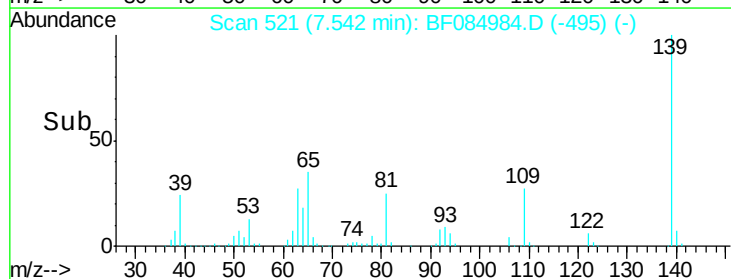
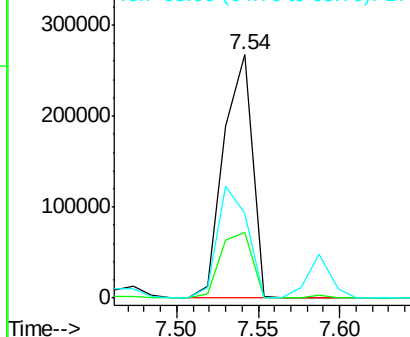
139 100

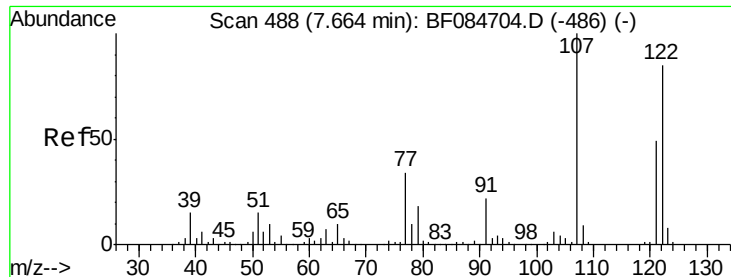
109 27.2 25.4 38.2

65 34.8 32.3 48.5



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

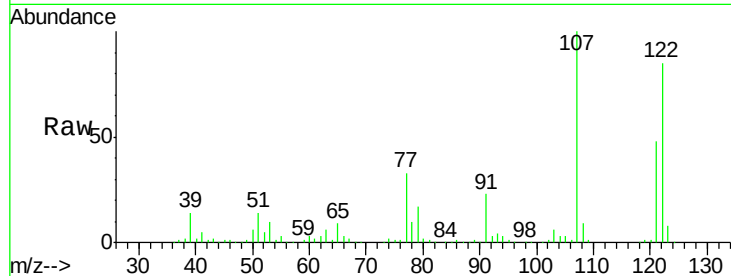




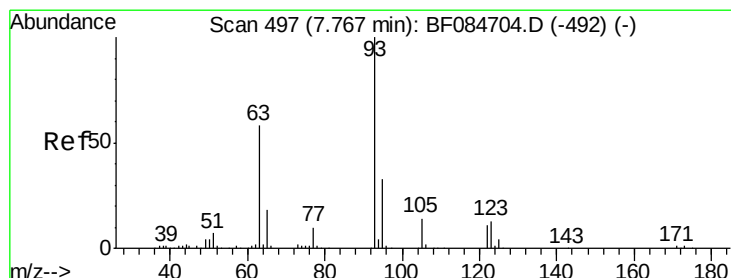
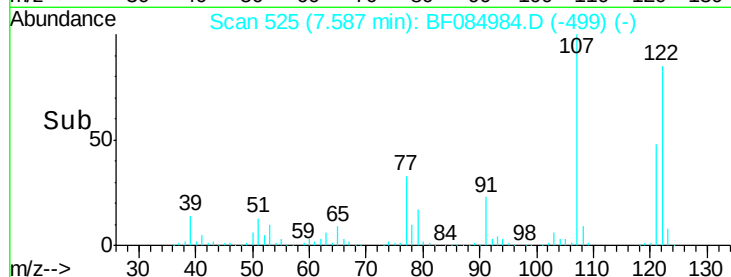
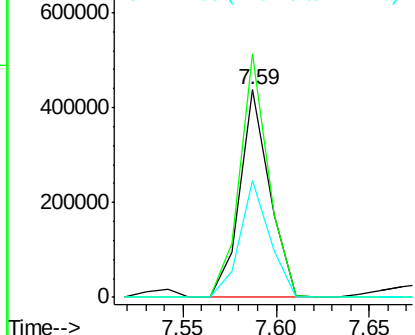
#27
 2,4-Dimethylphenol
 Concen: 35.49 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 122 Resp: 487642
 Ion Ratio Lower Upper
 122 100
 107 117.4 99.1 148.7
 121 56.6 47.9 71.9

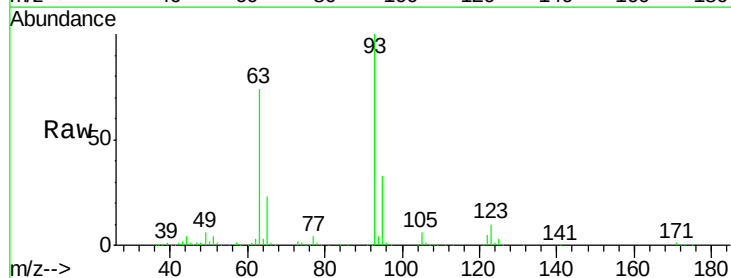


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

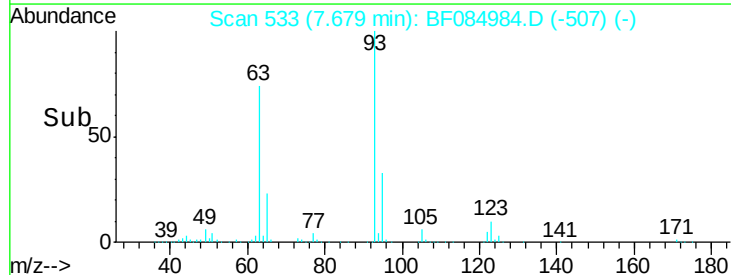
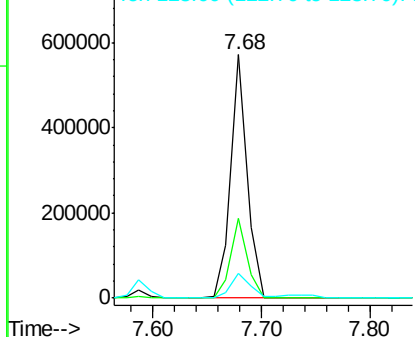


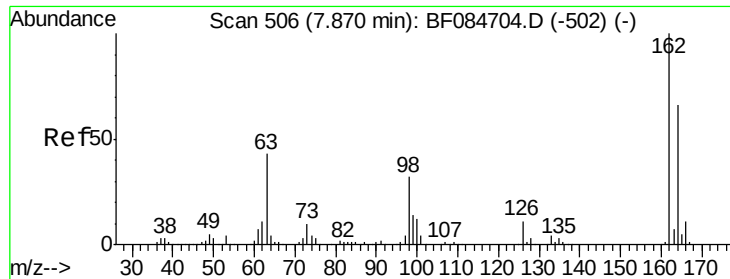
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.62 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion: 93 Resp: 597438
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.6
 123 10.2 8.6 12.8



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

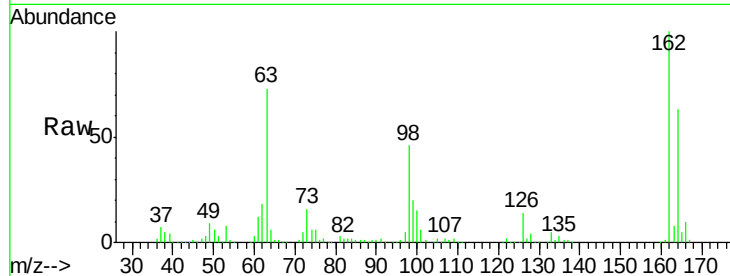




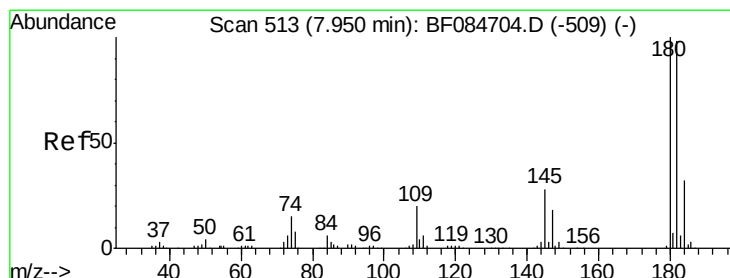
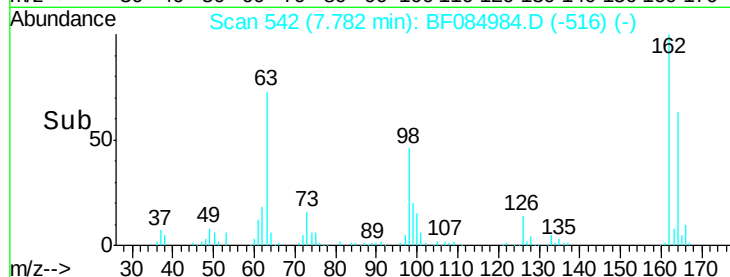
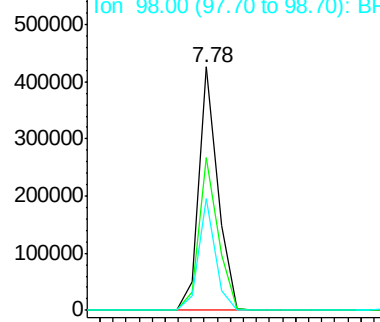
#29
 2,4-Dichlorophenol
 Concen: 36.90 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.1	84.1
98	45.7	20.2	60.2

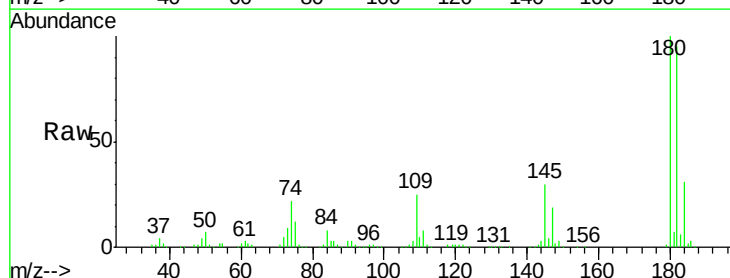


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

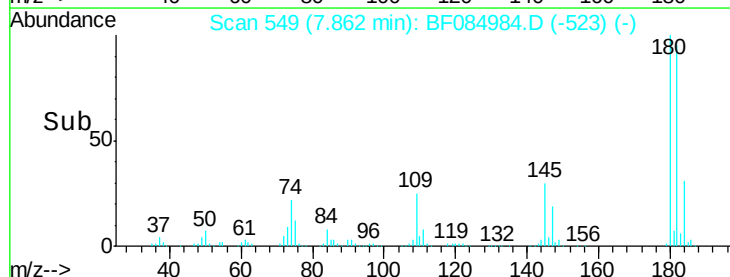
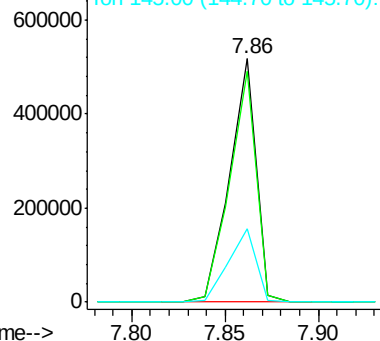


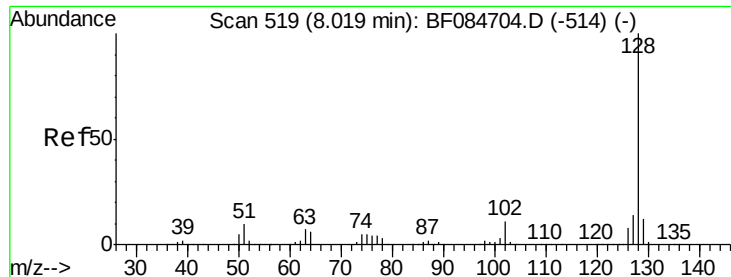
#30
 1,2,4-Trichlorobenzene
 Concen: 39.02 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	30.2	31.6	47.4



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

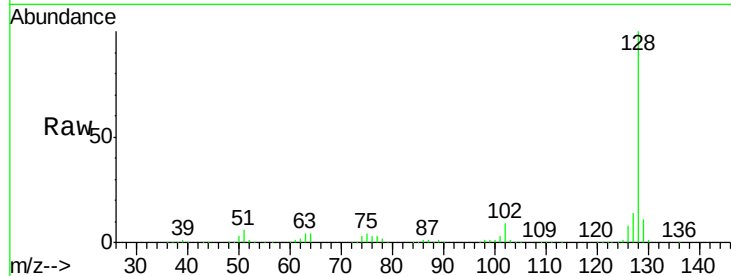




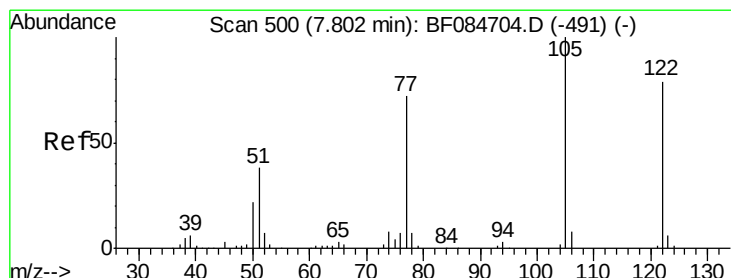
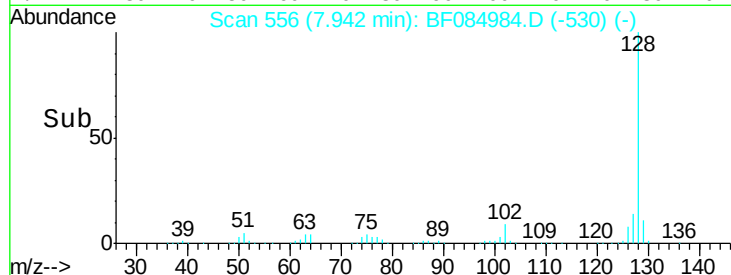
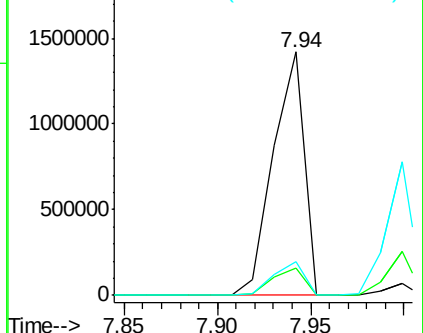
#31
Naphthalene
Concen: 38.92 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1644908
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.7 11.1 16.7

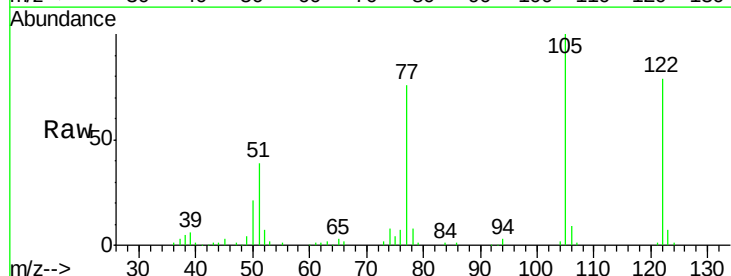


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

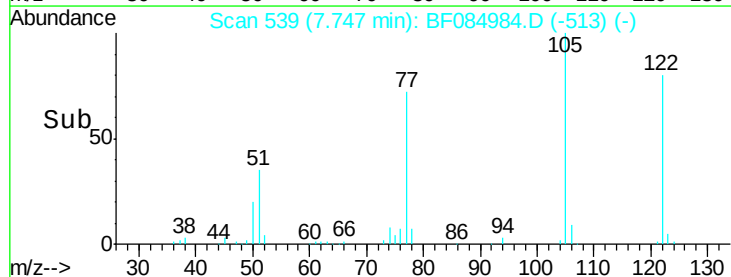
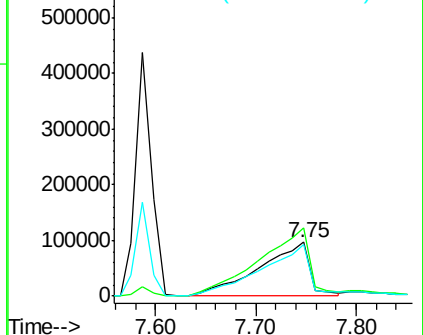


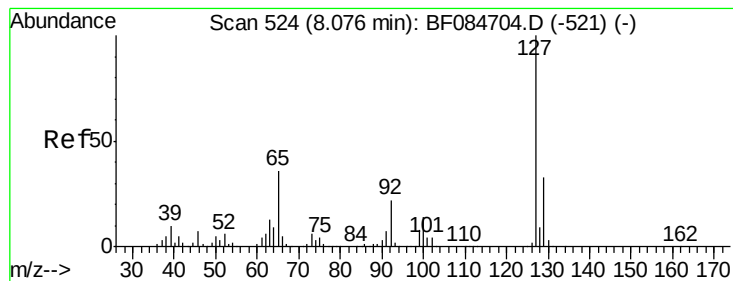
#32
Benzoic acid
Concen: 37.42 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion:122 Resp: 328929
Ion Ratio Lower Upper
122 100
105 125.8 100.3 140.3
77 95.7 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 42.09 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 735843

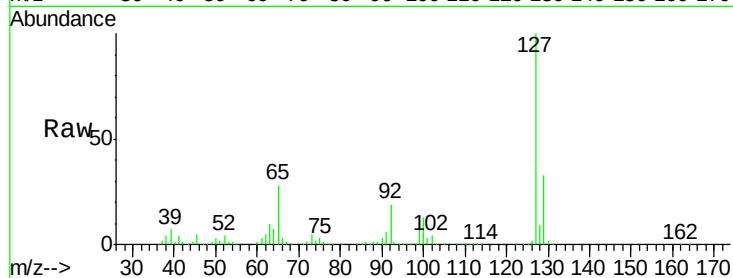
Ion Ratio Lower Upper

127 100

129 32.8 26.5 39.7

65 28.0 27.2 40.8

92 18.9 17.7 26.5

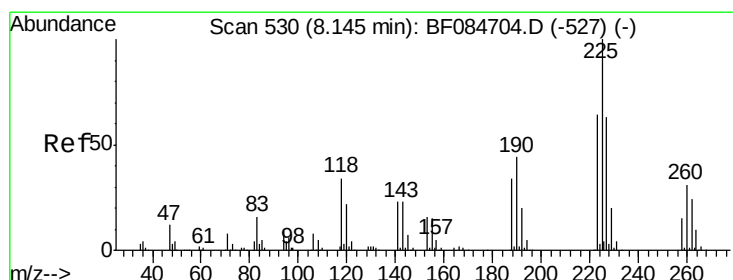
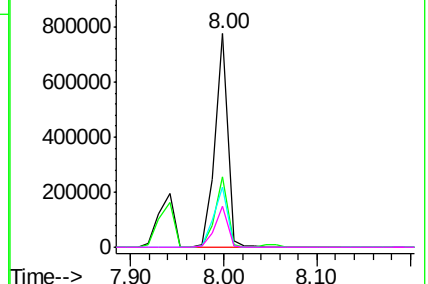
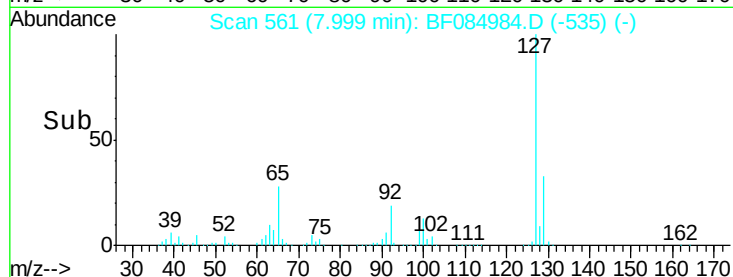


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.77 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

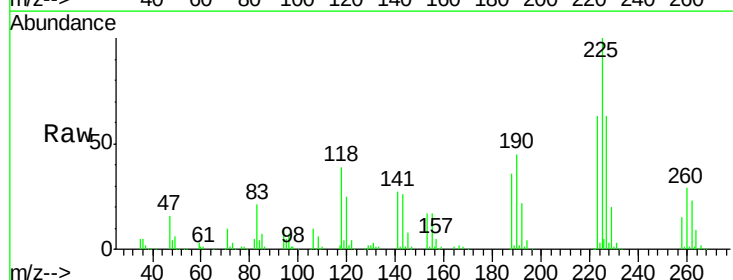
Tgt Ion:225 Resp: 281590

Ion Ratio Lower Upper

225 100

223 62.6 49.4 74.0

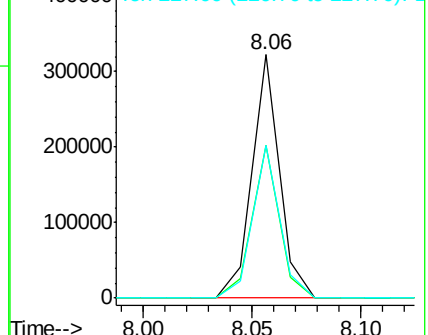
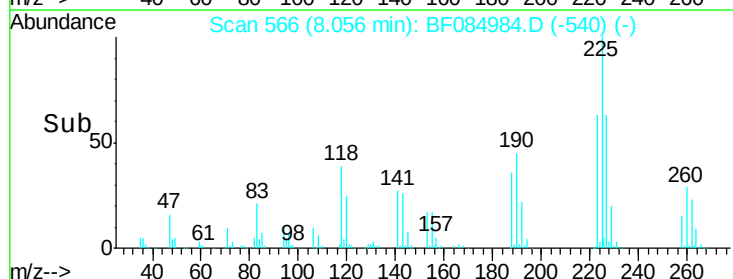
227 62.8 50.8 76.2

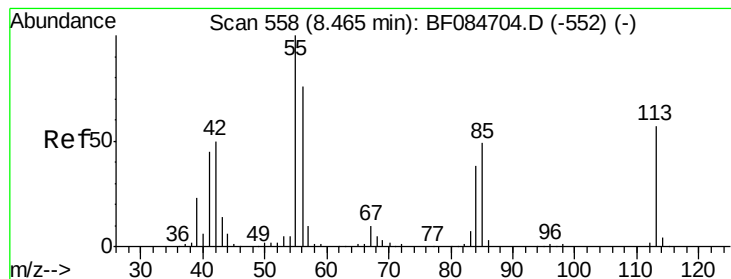


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.18 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

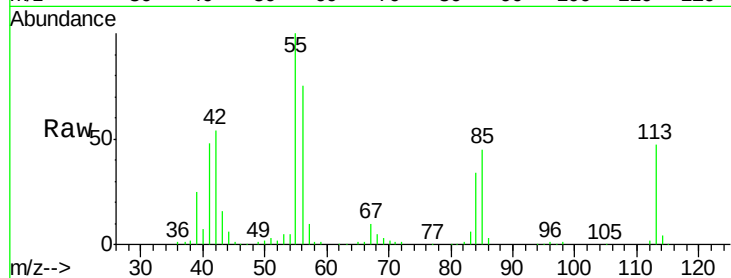
Tgt Ion:113 Resp: 149225

Ion Ratio Lower Upper

113 100

55 212.6 116.9 156.9#

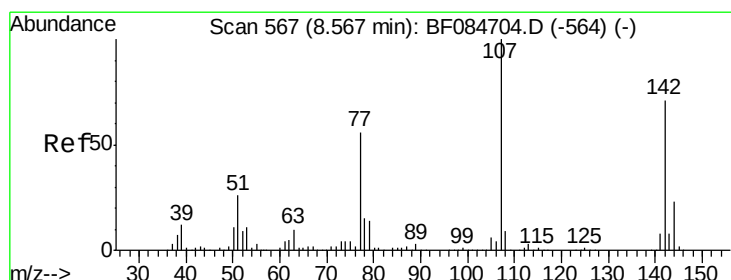
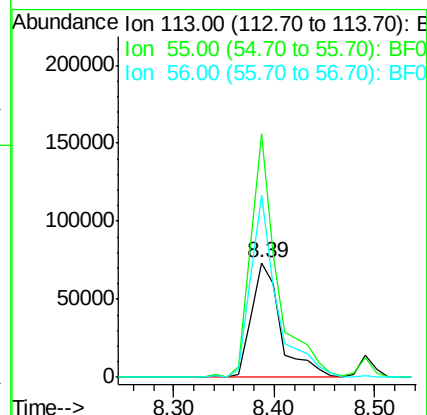
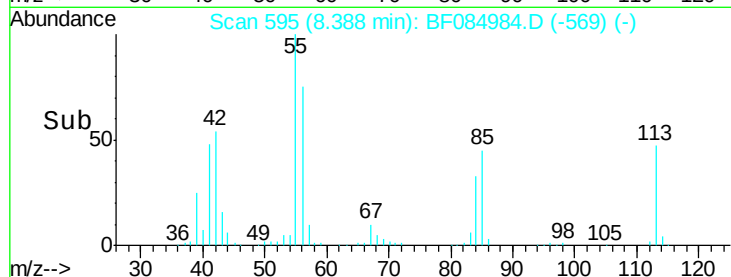
56 159.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.93 ng

RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

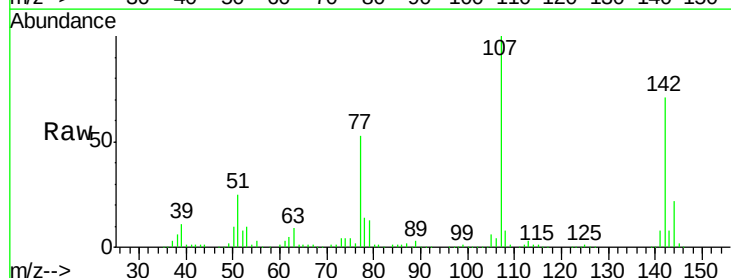
Tgt Ion:107 Resp: 481986

Ion Ratio Lower Upper

107 100

144 22.5 19.7 29.5

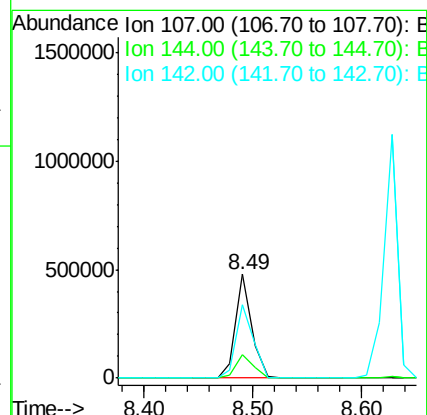
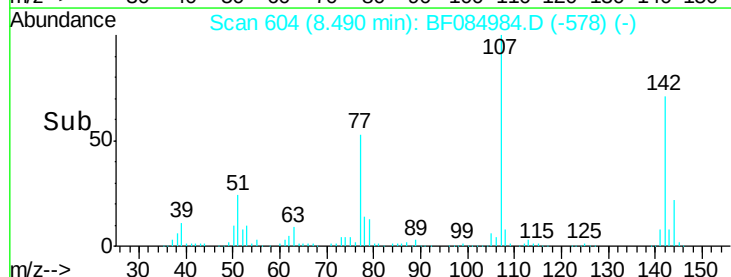
142 70.9 61.8 92.6

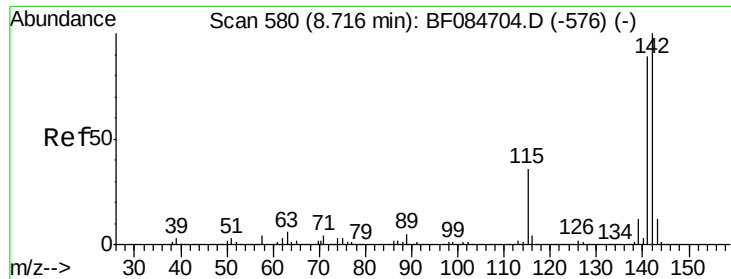


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

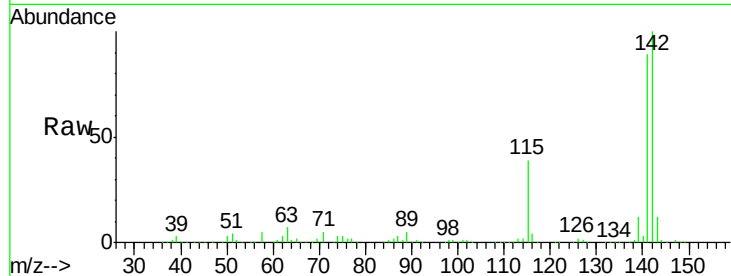




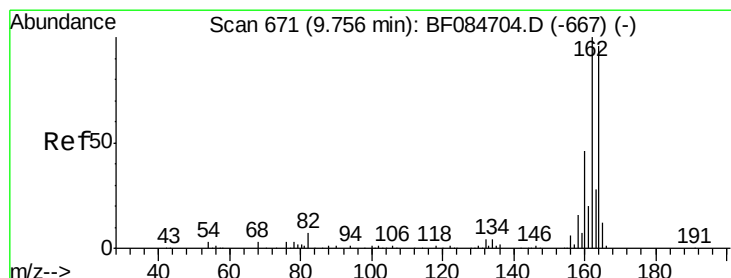
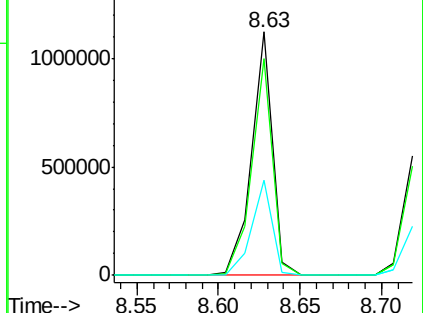
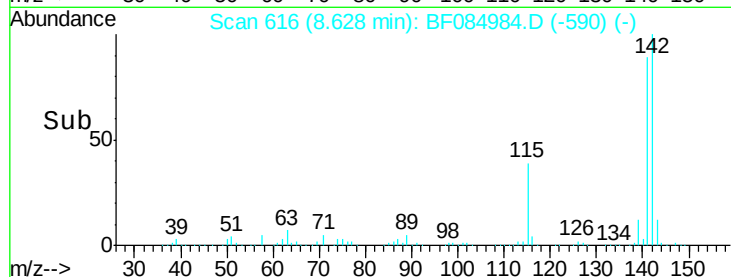
#37
 2-Methylnaphthalene
 Concen: 37.69 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 997019
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.4 108.6
 115 38.9 27.9 41.9

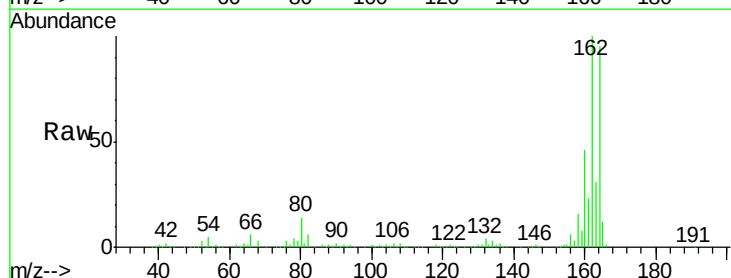


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

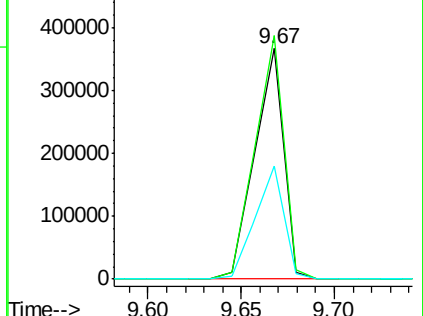
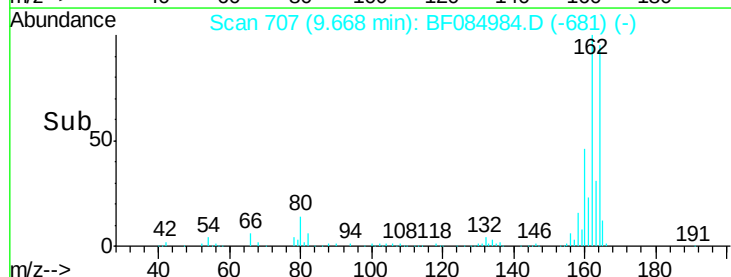


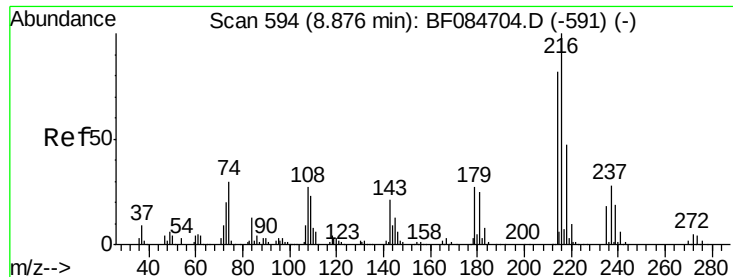
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion:164 Resp: 390424
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 49.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

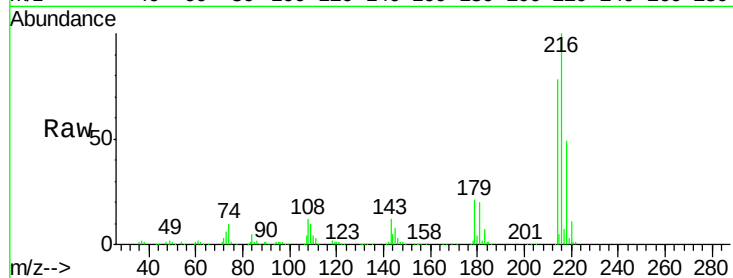




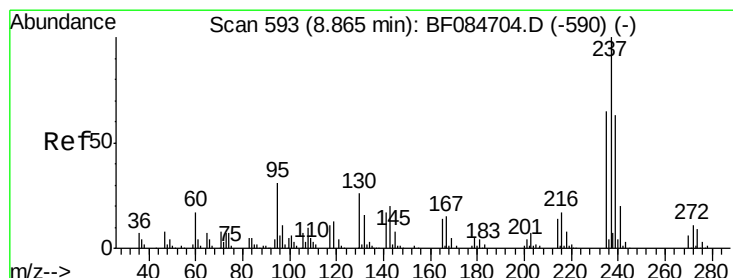
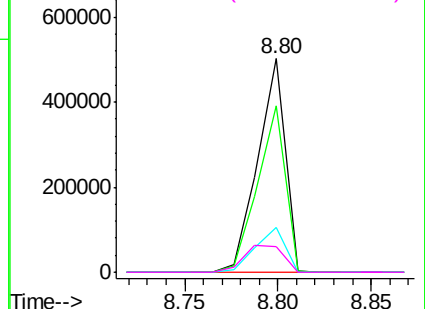
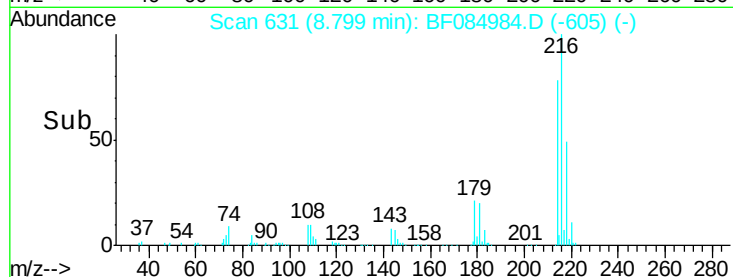
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.23 ng
RT: 8.80 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	216	Resp:	511229
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.2	96.2
179	22.8	18.7	28.1
108	18.8	16.8	25.2

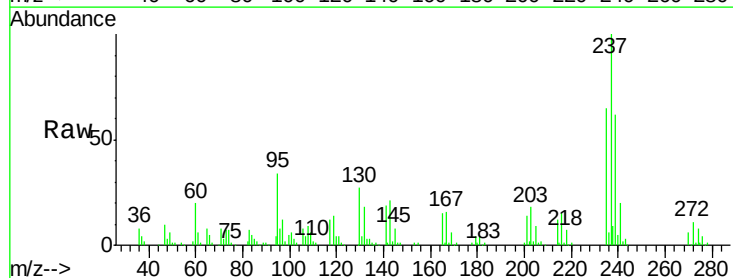


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

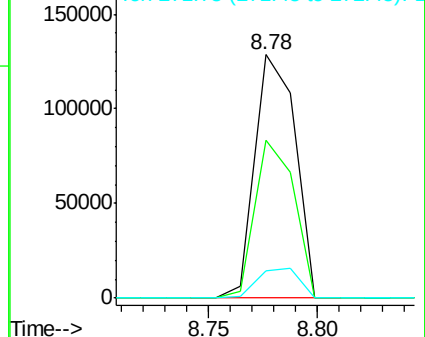
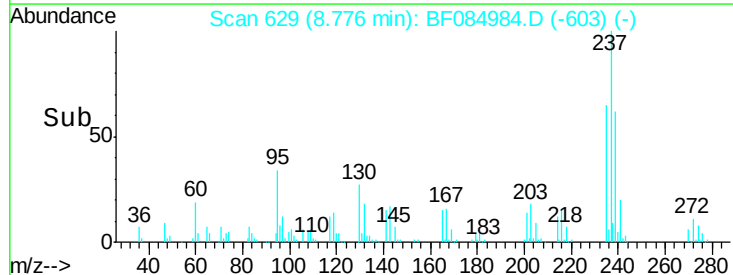


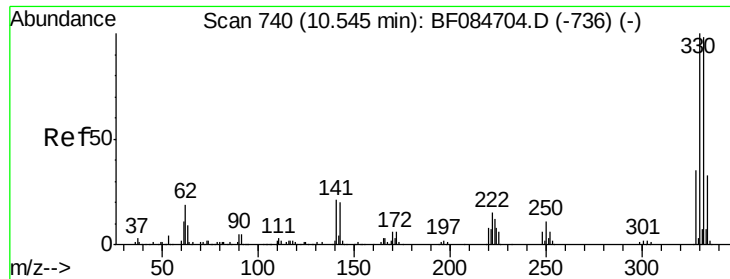
#40
Hexachlorocyclopentadiene
Concen: 39.01 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion:	237	Resp:	167155
Ion	Ratio	Lower	Upper
237	100		
235	65.1	43.1	83.1
272	11.0	0.0	35.1



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

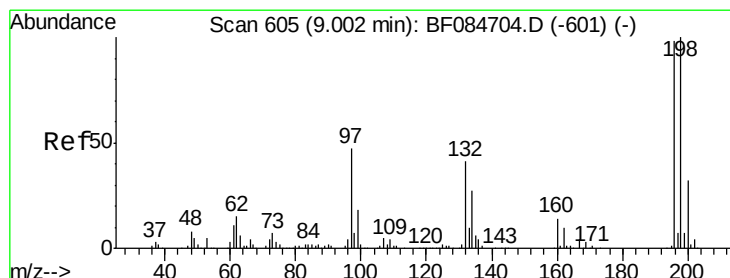
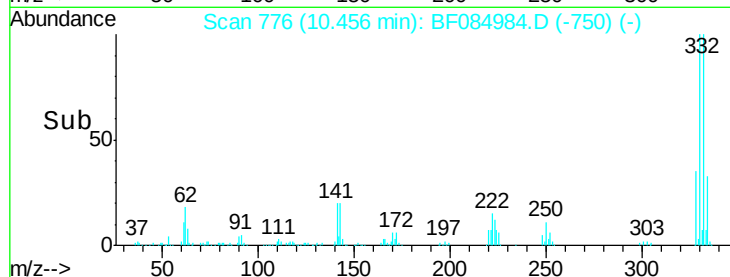
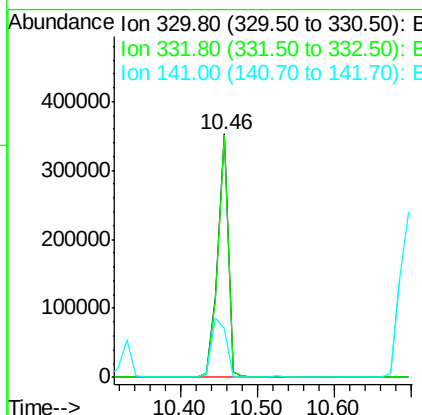
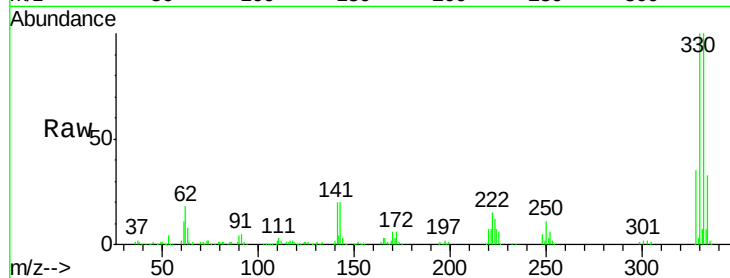




#41
 2,4,6-Tribromophenol
 Concen: 82.74 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

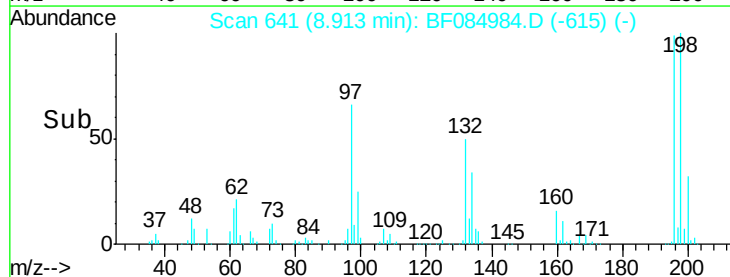
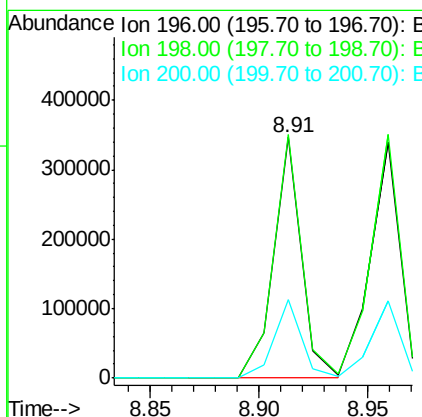
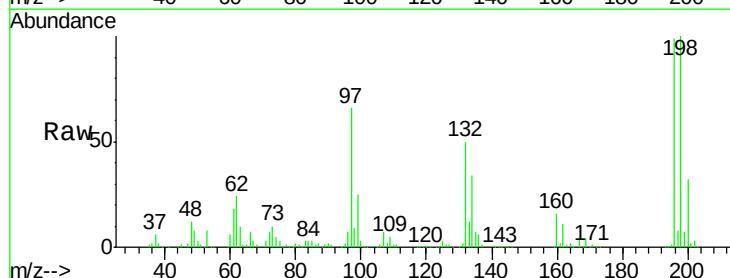
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

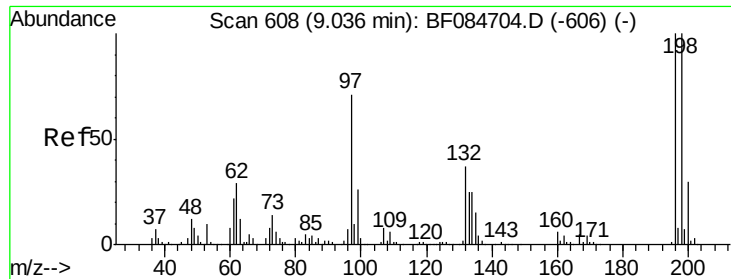
Tgt Ion:330 Resp: 336972
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 114.8
 141 33.8 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 39.08 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion:196 Resp: 312204
 Ion Ratio Lower Upper
 196 100
 198 101.3 77.7 116.5
 200 32.9 24.6 37.0

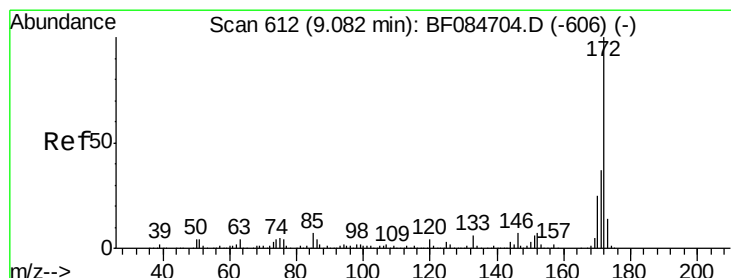
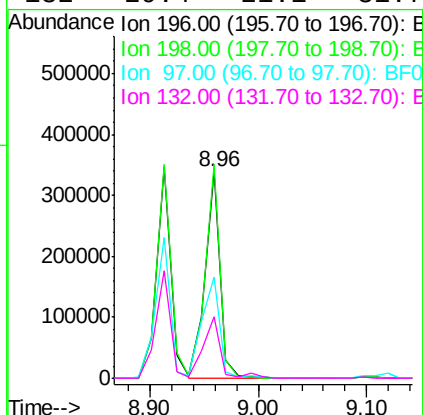
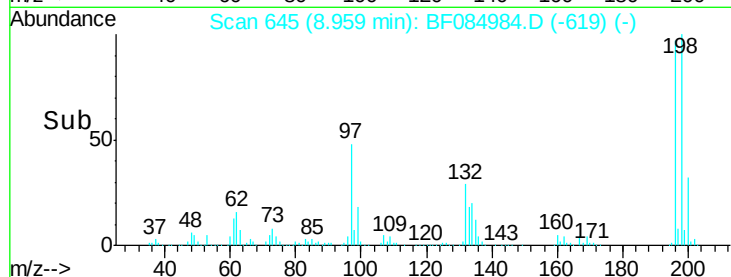
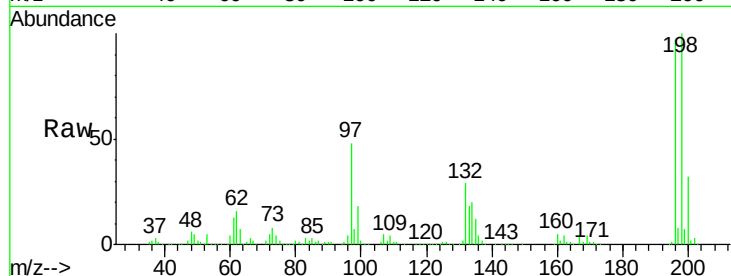




#43
 2,4,5-Trichlorophenol
 Concen: 40.19 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

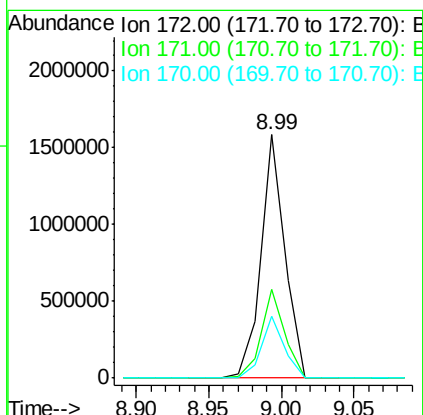
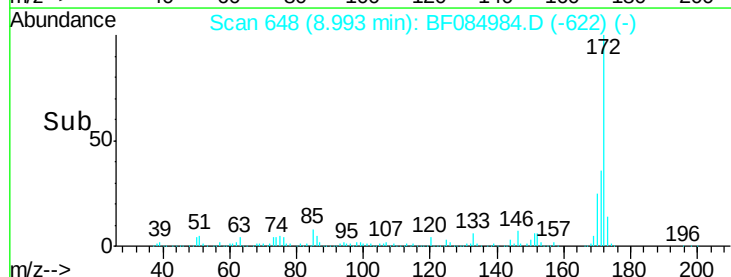
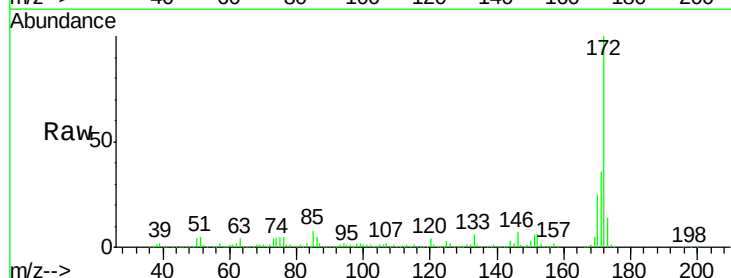
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

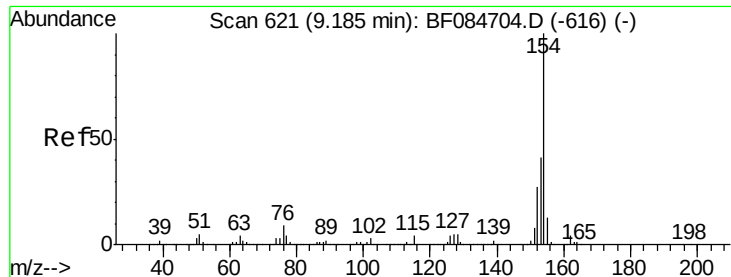
Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.1	79.0	118.6
97	49.0	33.0	49.6
132	29.4	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	25.2	18.6	27.8





#45

1,1'-Biphenyl

Concen: 39.80 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

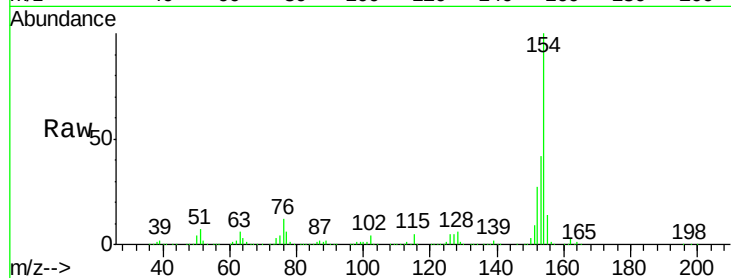
Tgt Ion:154 Resp: 1387839

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

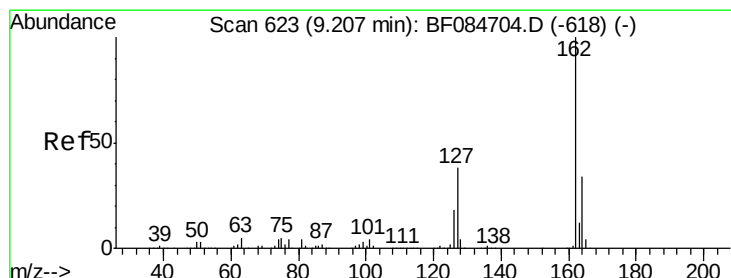
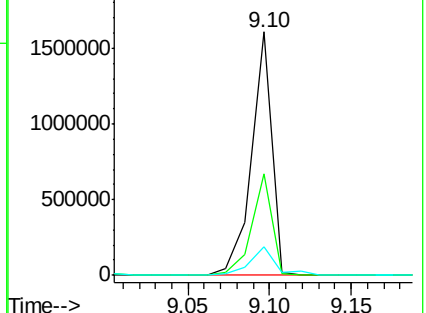
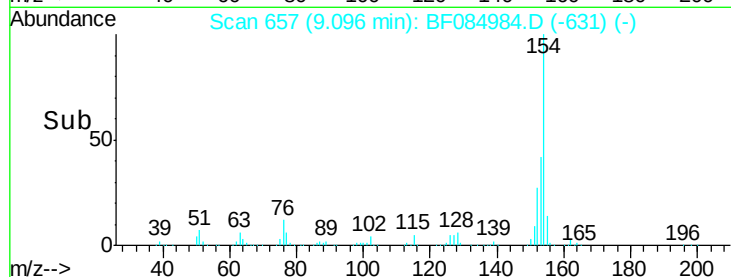
76 11.5 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.12 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

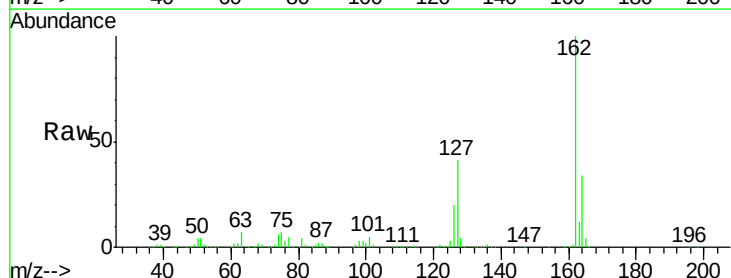
Tgt Ion:162 Resp: 1055995

Ion Ratio Lower Upper

162 100

127 40.8 40.2 60.4

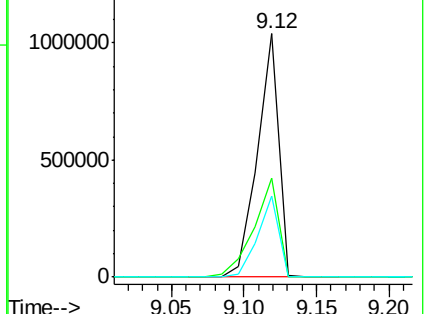
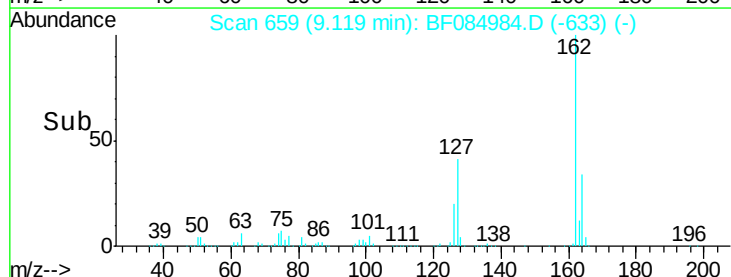
164 33.5 25.7 38.5

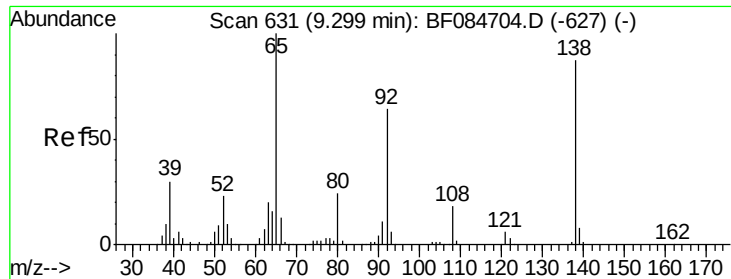


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

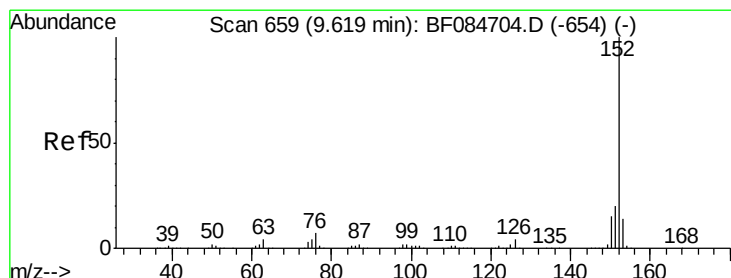
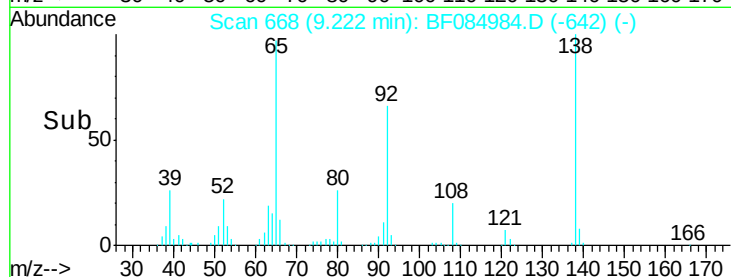
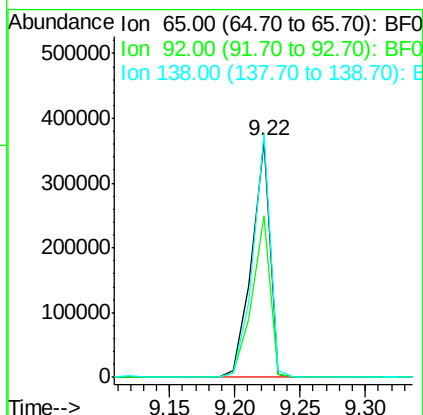
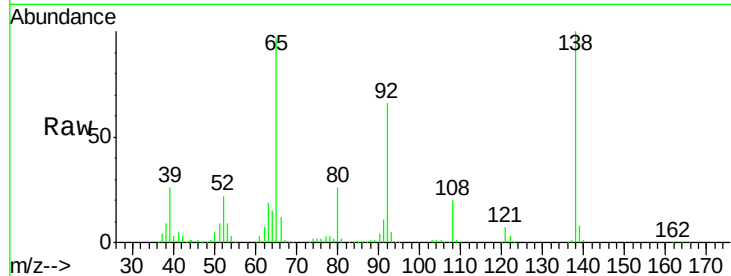




#47
2-Nitroaniline
Concen: 44.10 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

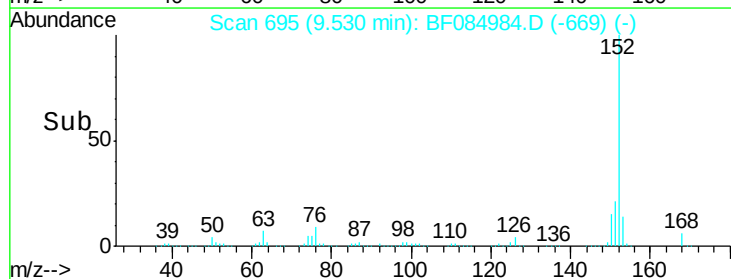
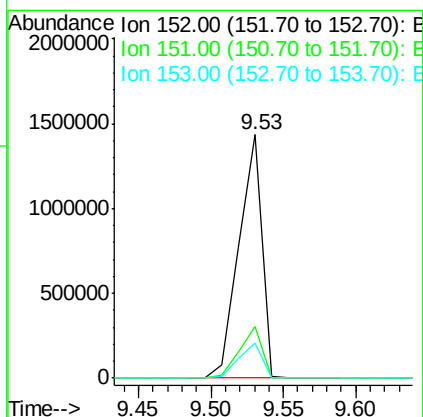
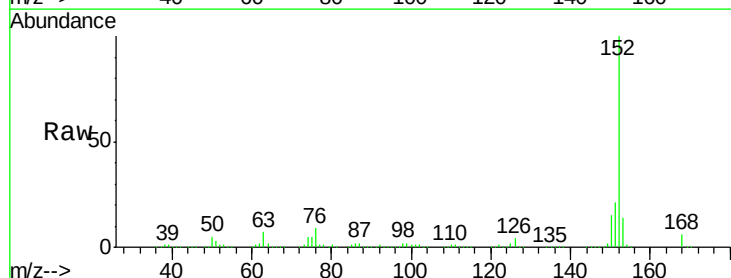
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

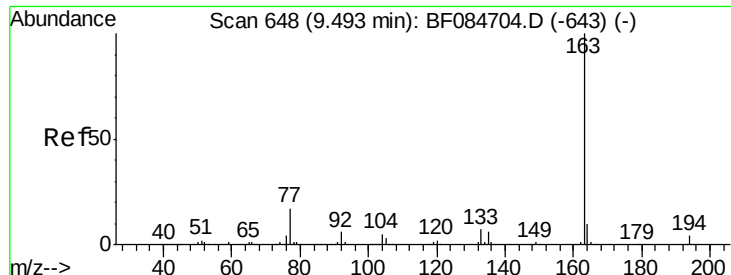
Tgt Ion: 65 Resp: 358634
Ion Ratio Lower Upper
65 100
92 68.6 53.4 80.2
138 103.2 71.1 106.7



#48
Acenaphthylene
Concen: 40.40 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion: 152 Resp: 1574535
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.4 10.4 15.6





#49

Dimethylphthalate

Concen: 37.96 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

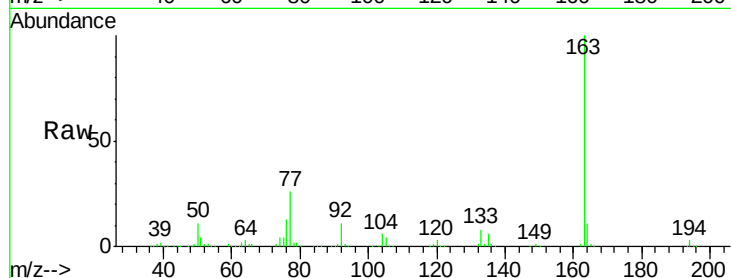
Tgt Ion:163 Resp: 1128746

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

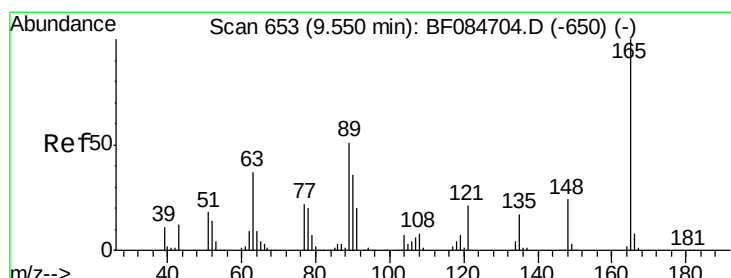
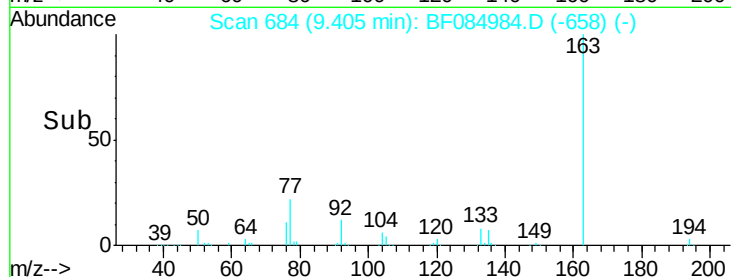
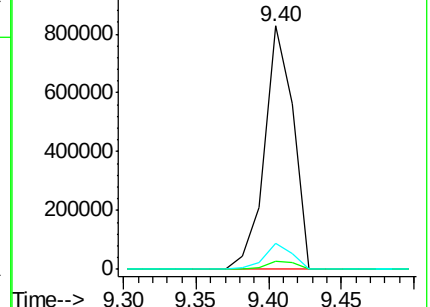
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.44 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

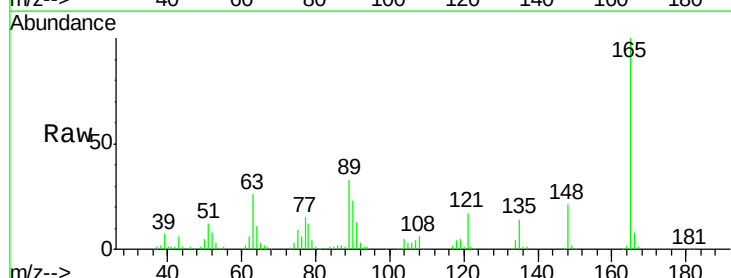
Tgt Ion:165 Resp: 256190

Ion Ratio Lower Upper

165 100

63 25.8 28.8 43.2#

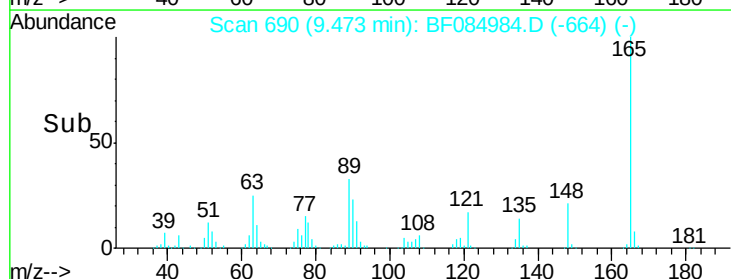
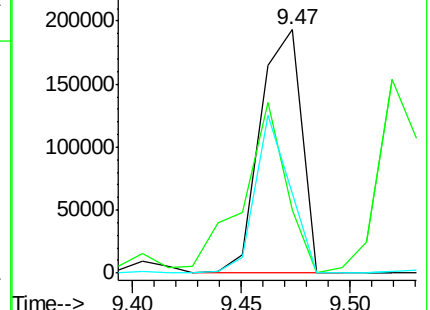
89 32.6 35.1 52.7#

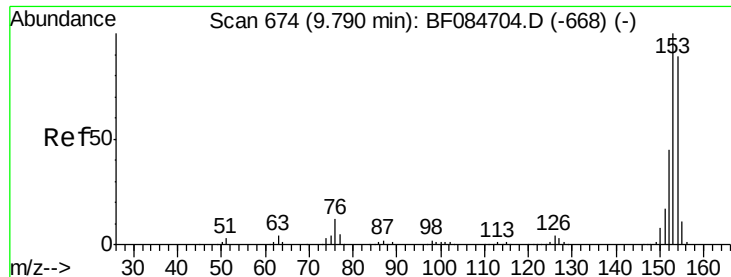


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.90 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

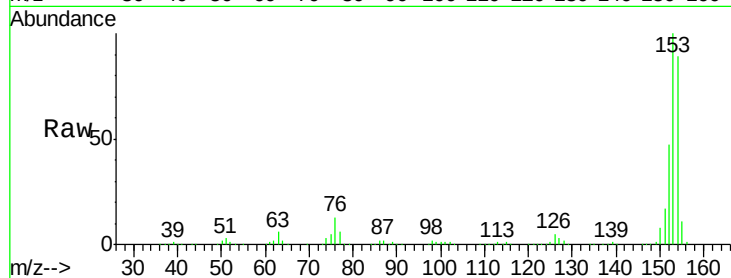
Tgt Ion:154 Resp: 1011648

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

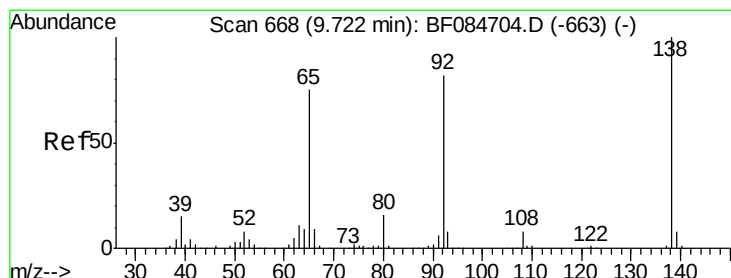
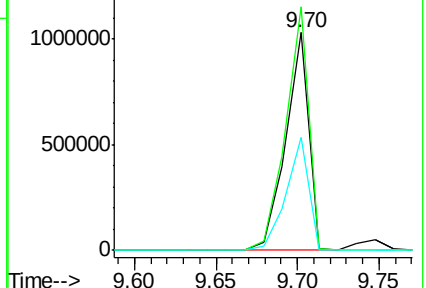
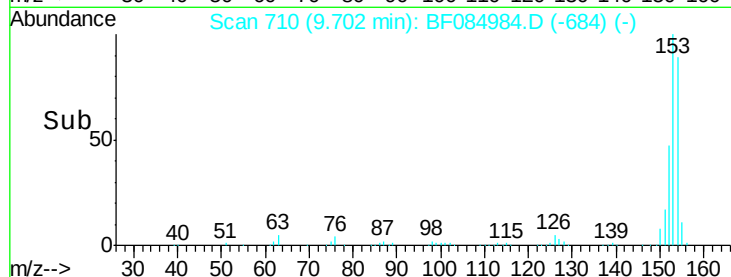
152 52.0 43.0 64.6



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: 36.88 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

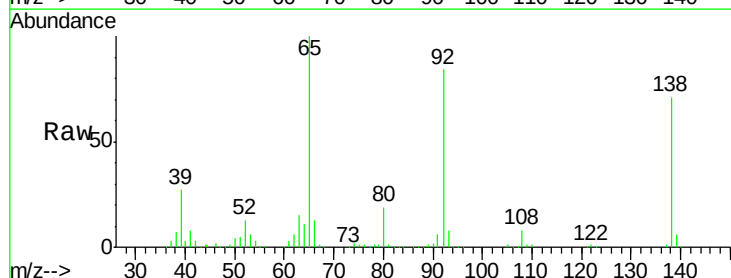
Tgt Ion:138 Resp: 269194

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

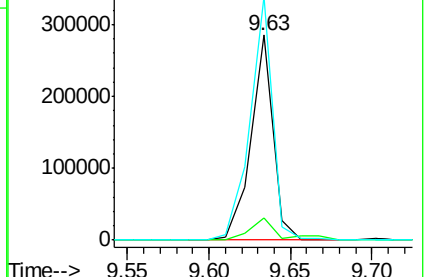
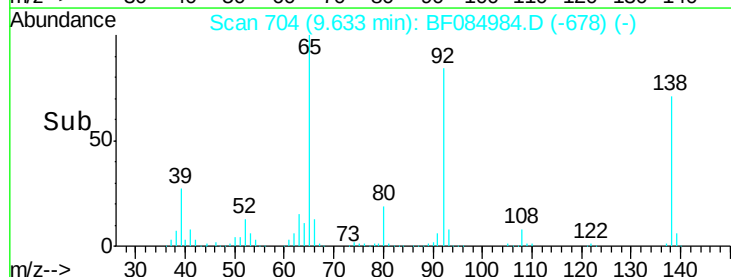
92 118.9 103.9 155.9

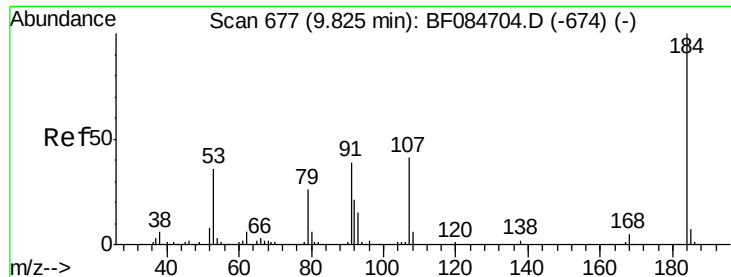


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

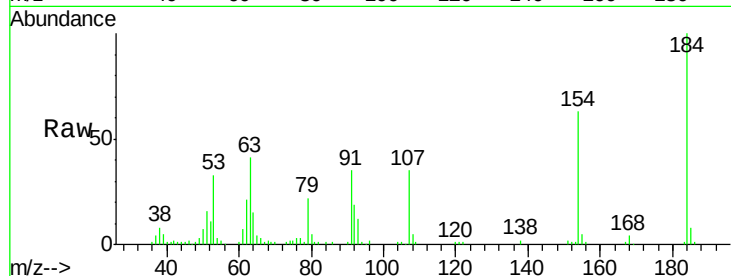




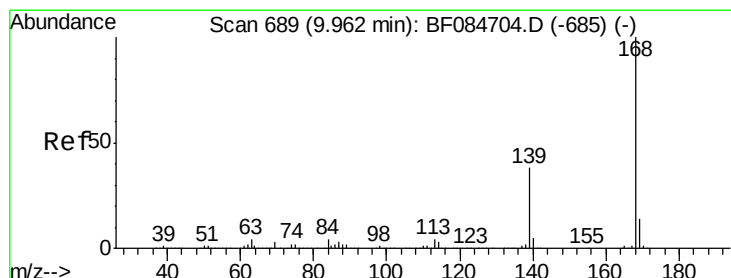
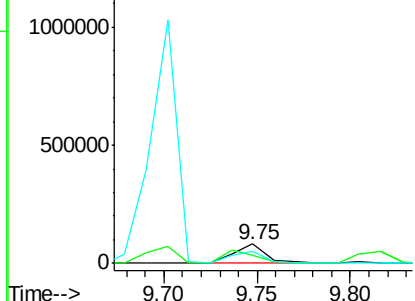
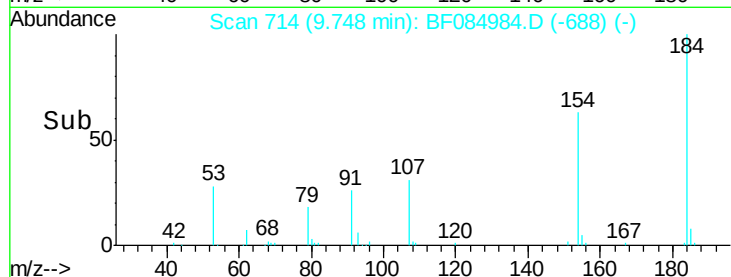
#53
2,4-Dinitrophenol
Concen: 36.90 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 100541
Ion Ratio Lower Upper
184 100
63 41.4 43.1 64.7#
154 62.7 60.5 90.7

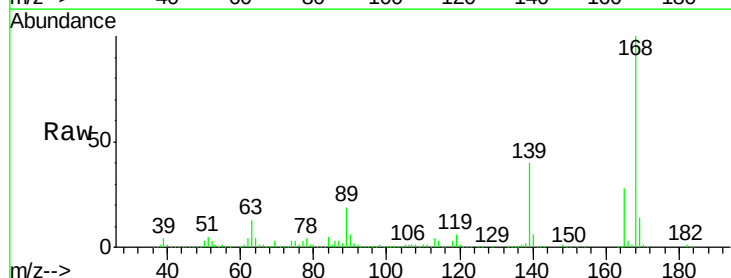


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

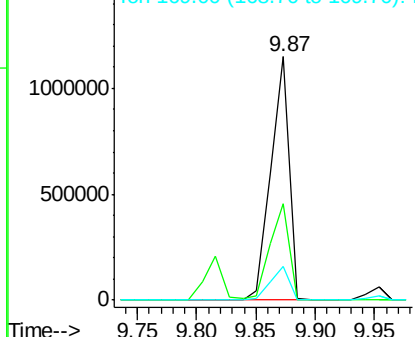
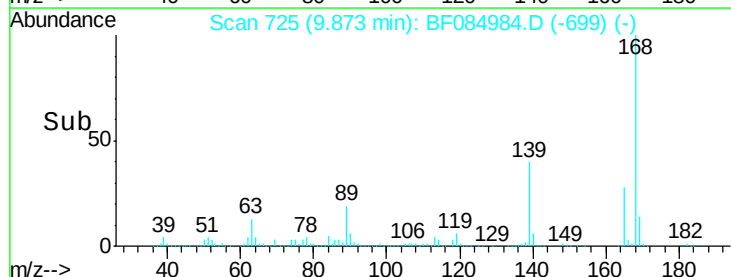


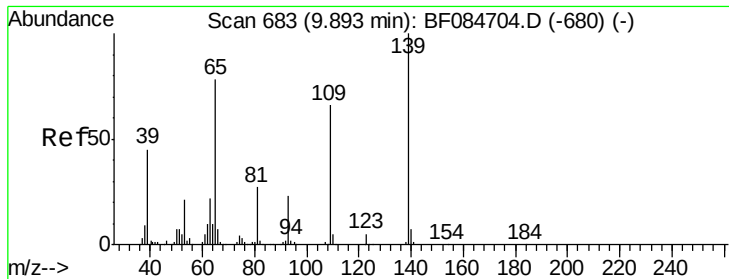
#54
Dibenzofuran
Concen: 39.90 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion:168 Resp: 1236263
Ion Ratio Lower Upper
168 100
139 39.7 30.5 45.7
169 13.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

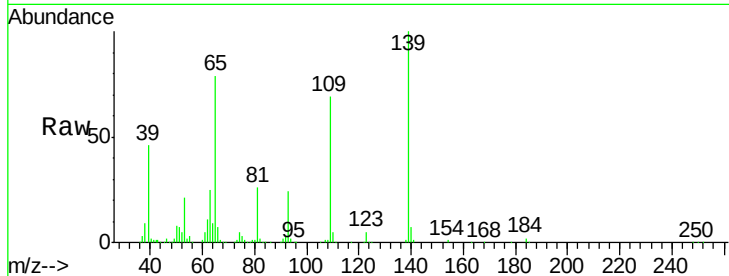




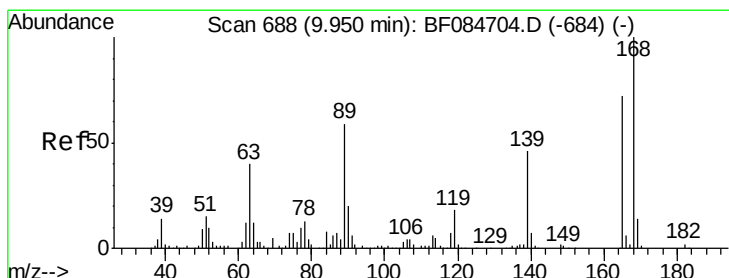
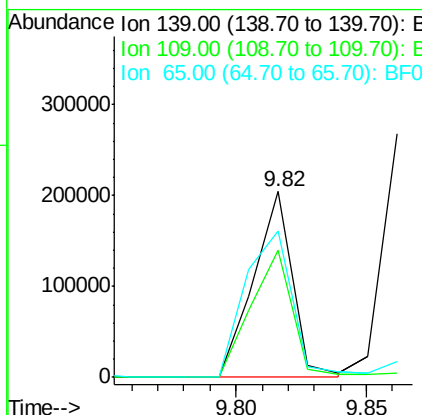
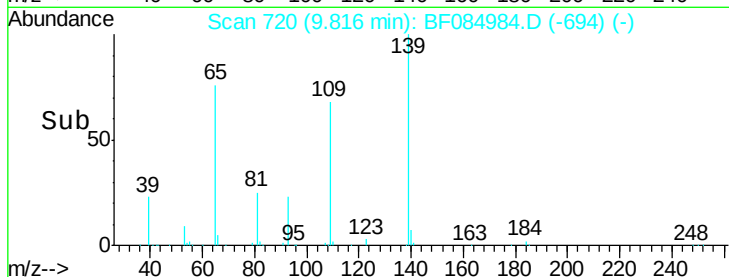
#55
 4-Nitrophenol
 Concen: 39.94 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:139 Resp: 214252
 Ion Ratio Lower Upper
 139 100
 109 68.6 58.5 98.5
 65 78.9 57.6 97.6

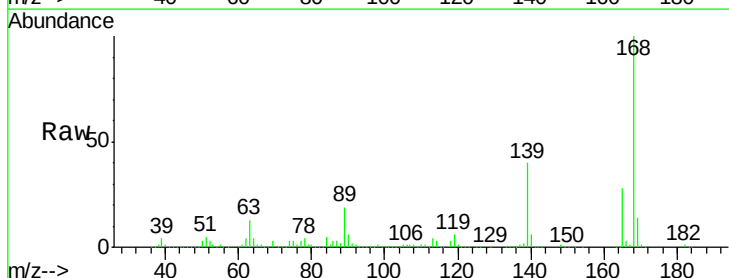


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

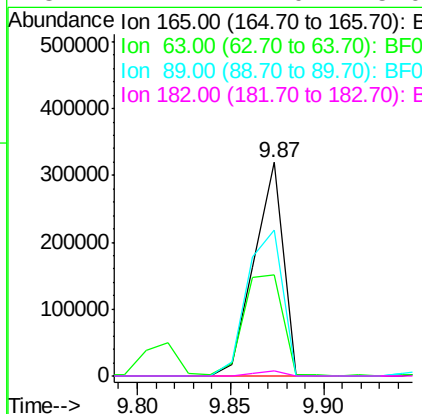
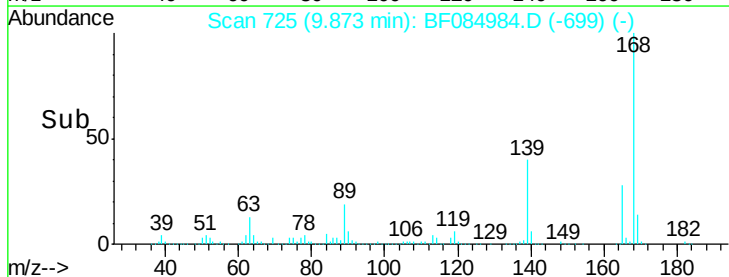


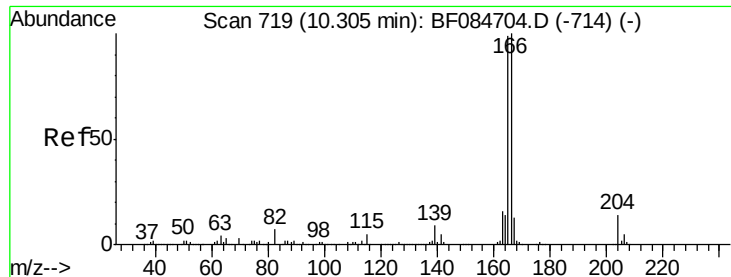
#56
 2,4-Dinitrotoluene
 Concen: 41.46 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion:165 Resp: 343484
 Ion Ratio Lower Upper
 165 100
 63 47.5 36.7 55.1
 89 68.6 61.9 92.9
 182 2.2 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.63 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

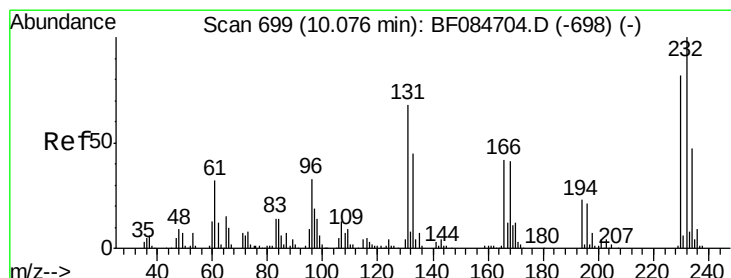
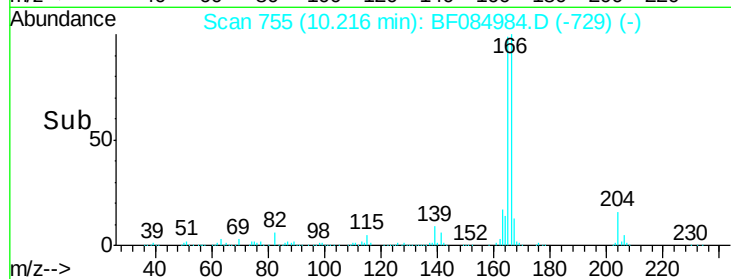
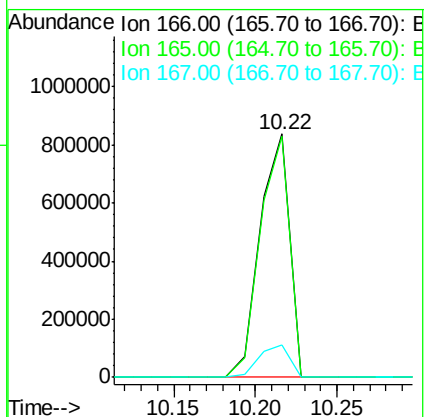
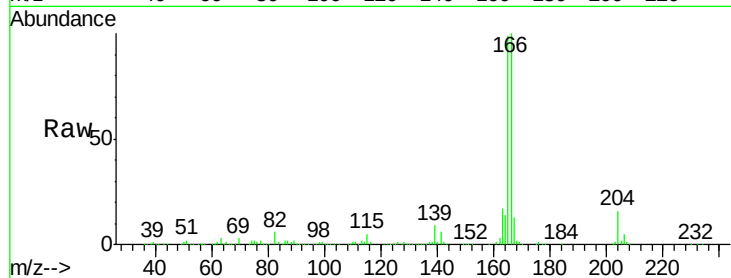
Tgt Ion:166 Resp: 1051413

Ion Ratio Lower Upper

166 100

165 98.8 79.1 118.7

167 13.4 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.85 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Tgt Ion:232 Resp: 240031

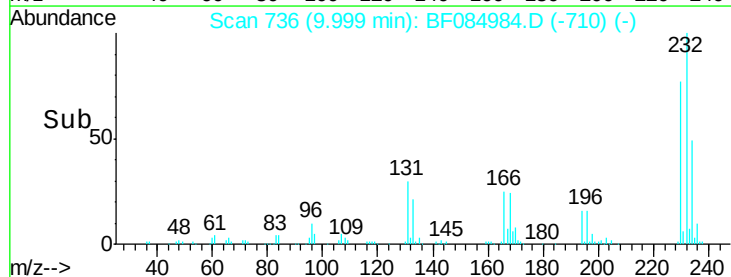
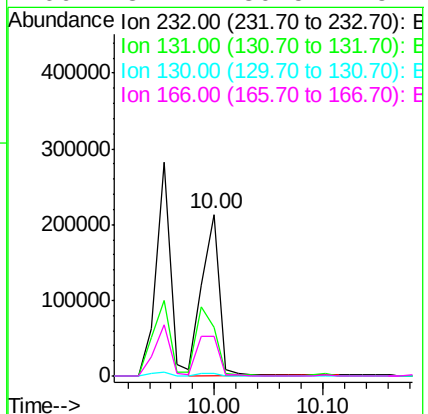
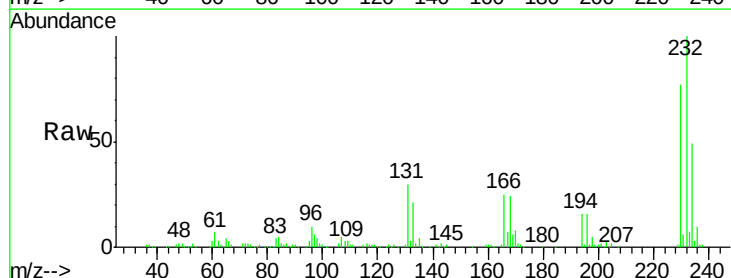
Ion Ratio Lower Upper

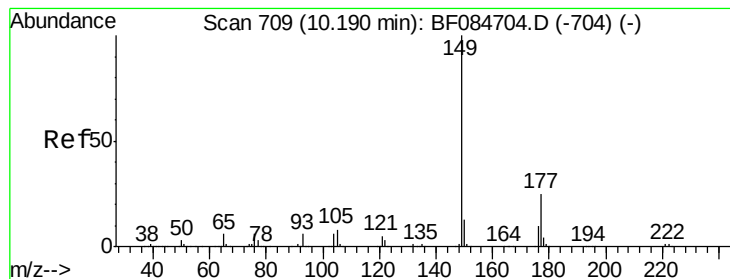
232 100

131 47.2 47.0 70.6

130 2.0 2.0 3.0#

166 31.4 30.5 45.7





#59

Diethylphthalate

Concen: 37.54 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

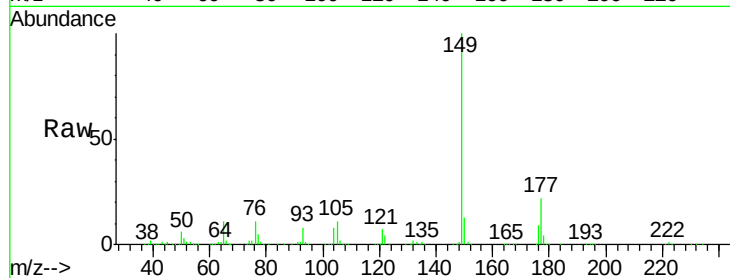
Tgt Ion:149 Resp: 1090081

Ion Ratio Lower Upper

149 100

177 22.3 17.3 25.9

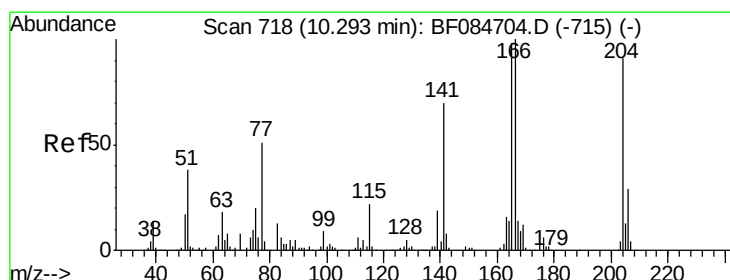
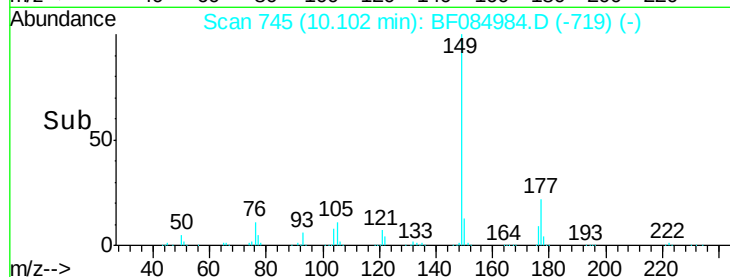
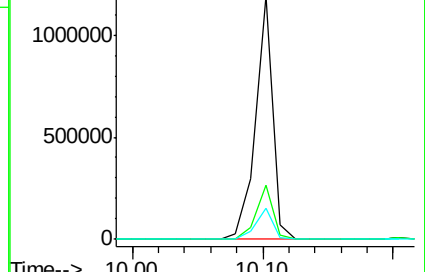
150 13.0 9.8 14.8



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: 37.50 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

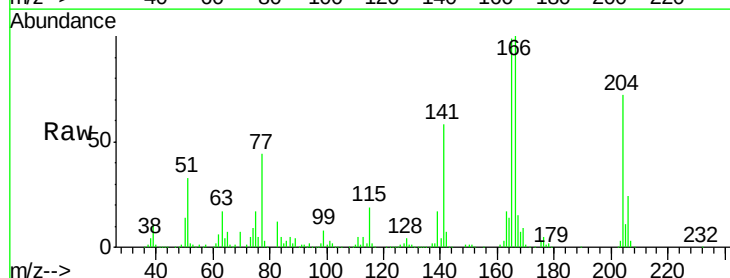
Tgt Ion:204 Resp: 420857

Ion Ratio Lower Upper

204 100

206 33.8 25.7 38.5

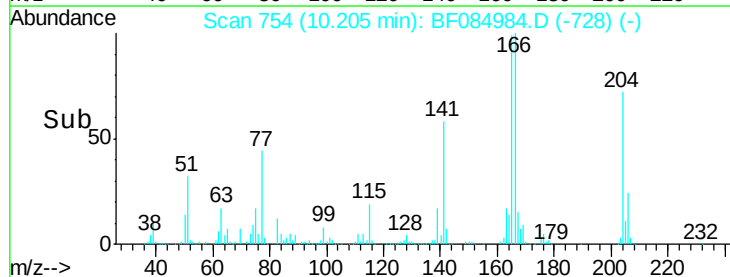
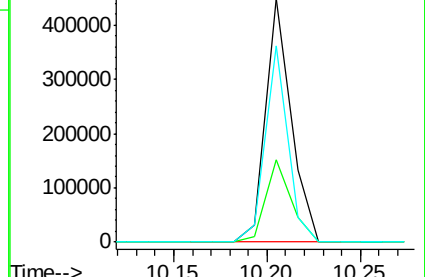
141 80.5 55.1 82.7

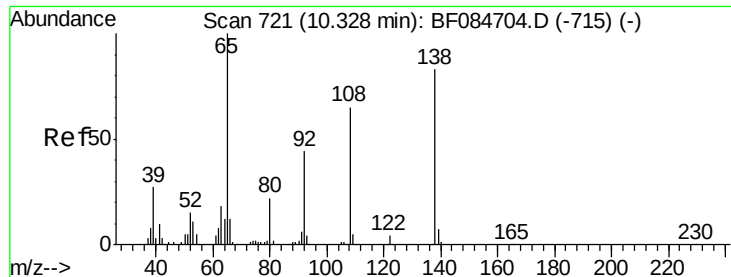


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.21 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

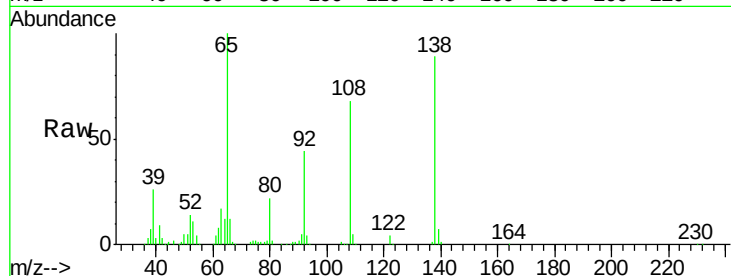
Tgt Ion:138 Resp: 307380

Ion Ratio Lower Upper

138 100

92 49.9 32.6 72.6

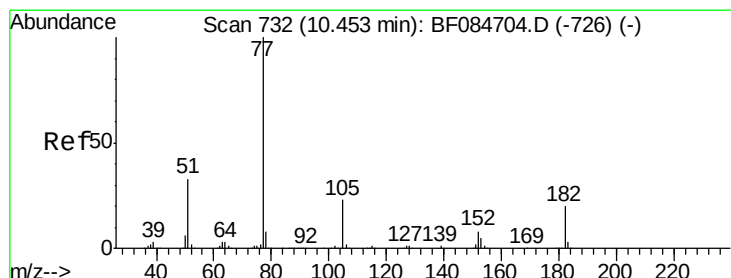
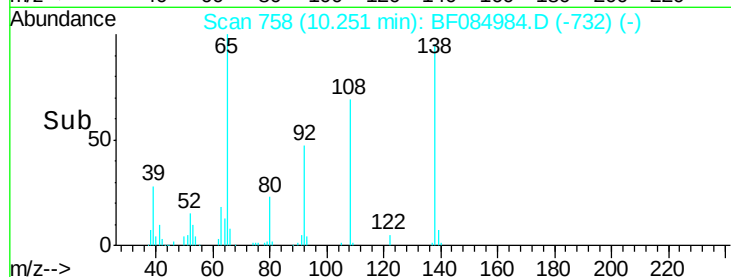
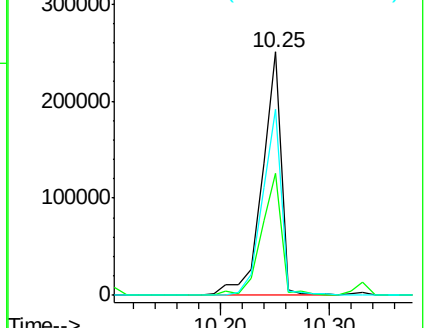
108 76.6 68.6 108.6



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: 39.11 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Tgt Ion: 77 Resp: 1091867

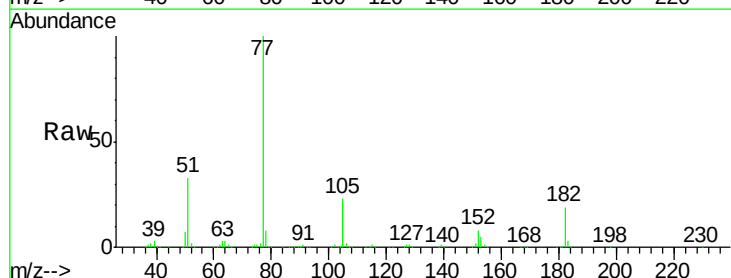
Ion Ratio Lower Upper

77 100

182 19.4 8.3 48.3

105 23.5 4.6 44.6

51 33.4 6.2 46.2

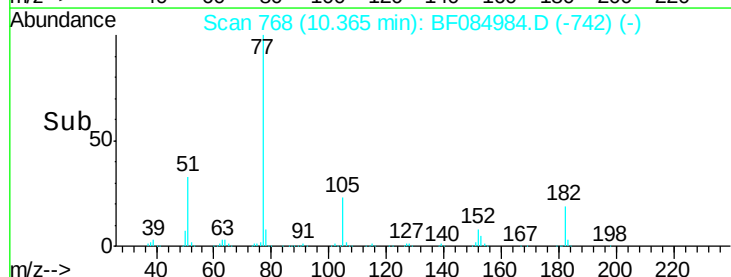
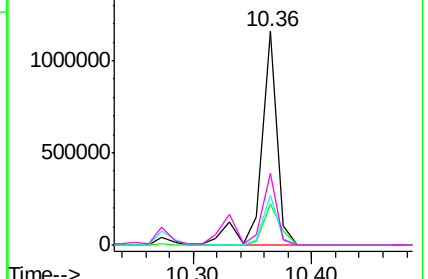


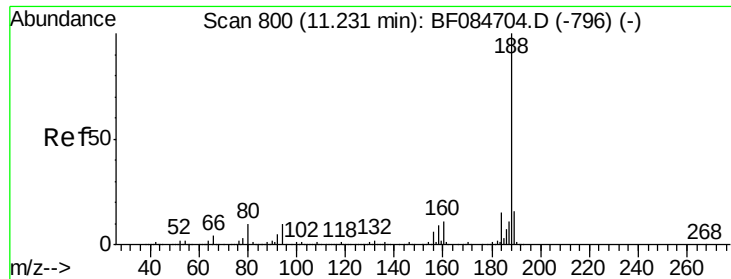
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

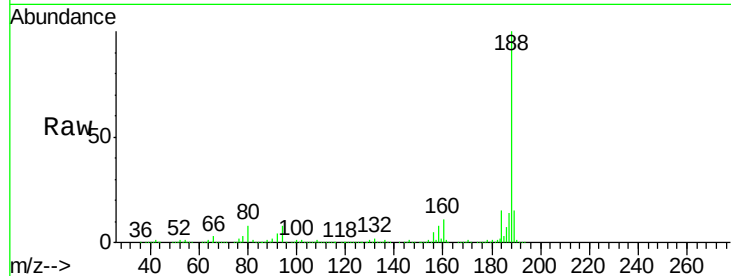
Tgt Ion:188 Resp: 732974

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.4#

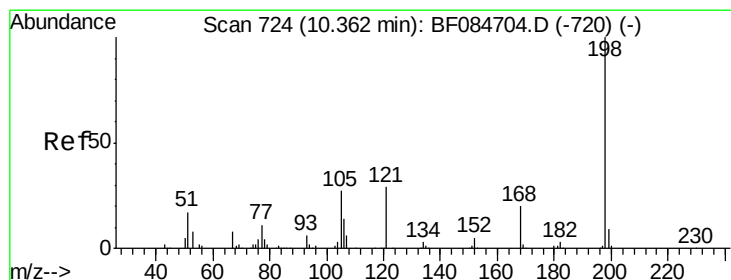
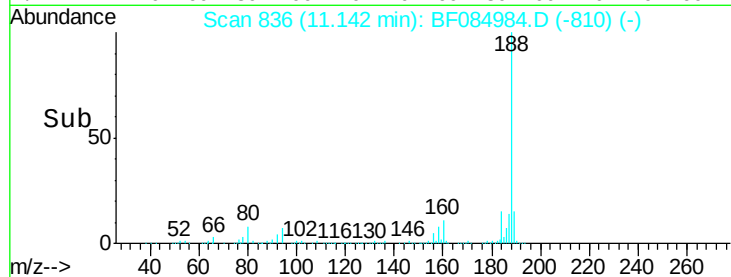
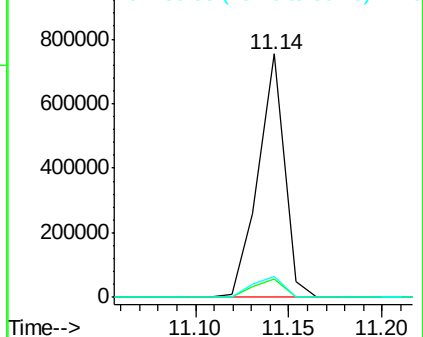
80 8.5 9.6 14.4#



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: 37.93 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

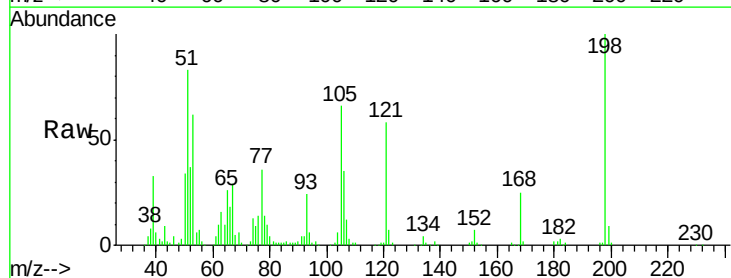
Tgt Ion:198 Resp: 171577

Ion Ratio Lower Upper

198 100

51 83.0 18.9 58.9#

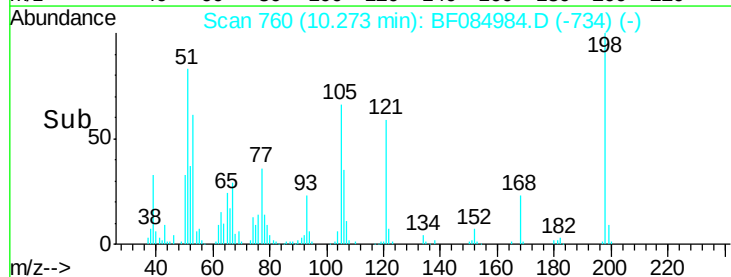
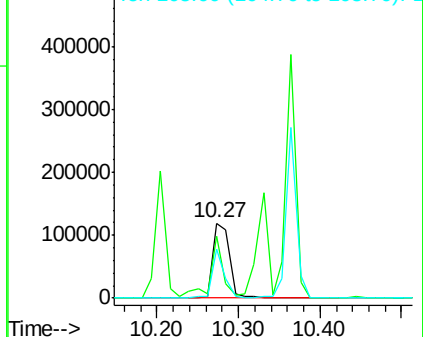
105 66.2 26.4 66.4

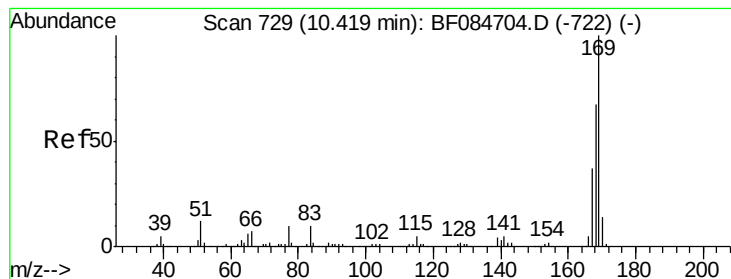


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.78 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

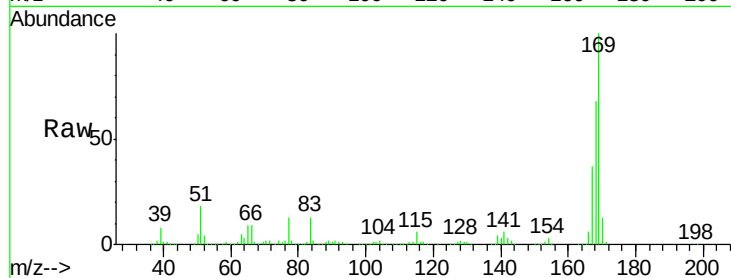
Tgt Ion:169 Resp: 855937

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

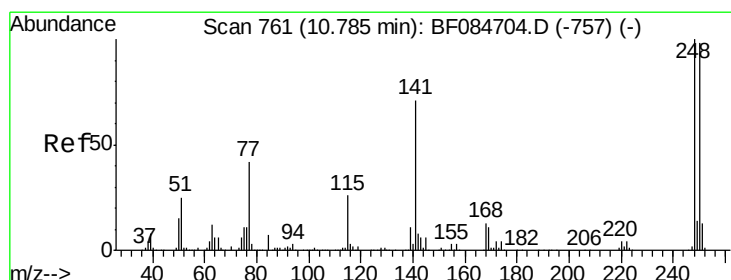
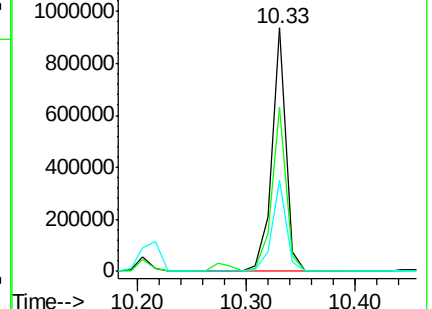
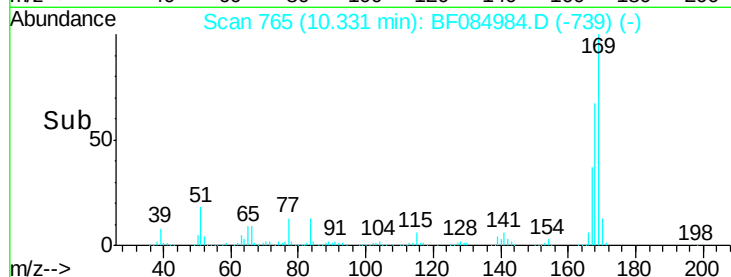
167 37.5 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.75 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

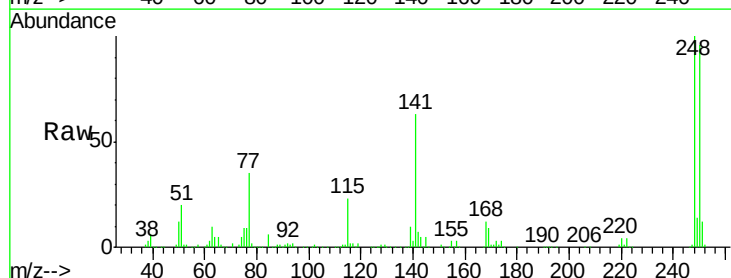
Tgt Ion:248 Resp: 338030

Ion Ratio Lower Upper

248 100

250 95.7 78.4 117.6

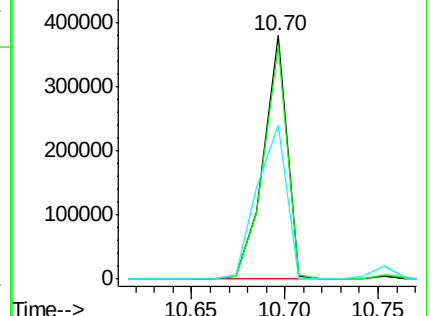
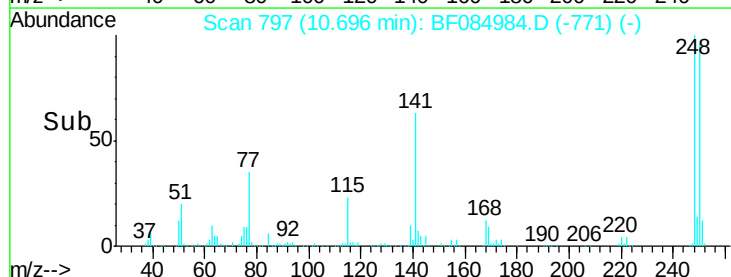
141 63.4 44.0 66.0

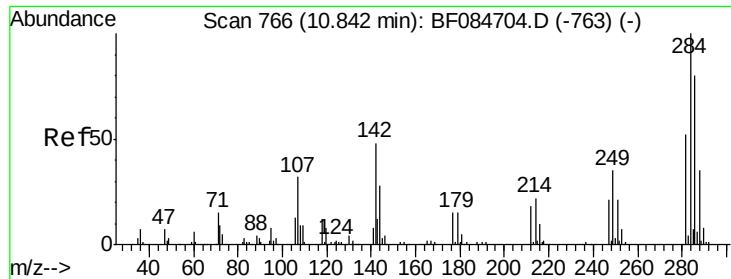


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

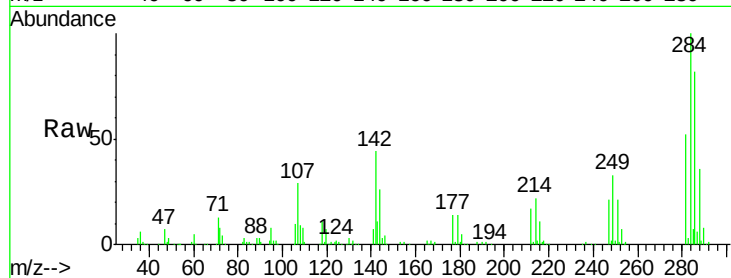




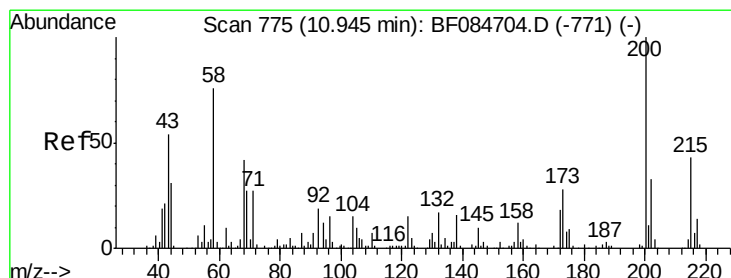
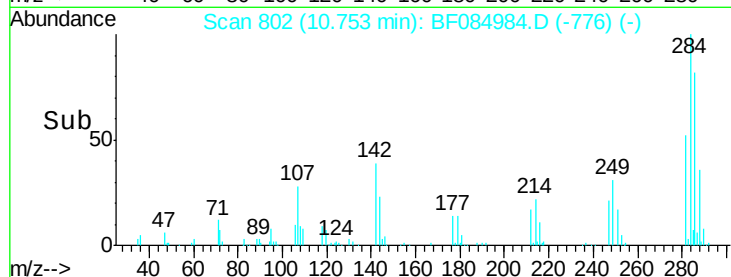
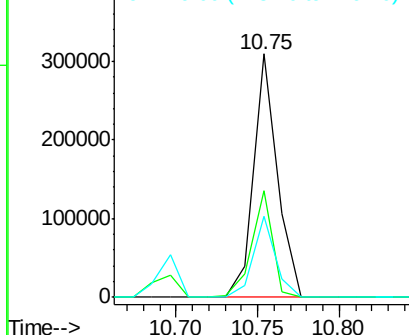
#67
Hexachlorobenzene
Concen: 35.54 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 313521
Ion Ratio Lower Upper
284 100
142 43.8 22.2 33.4#
249 33.1 24.6 37.0

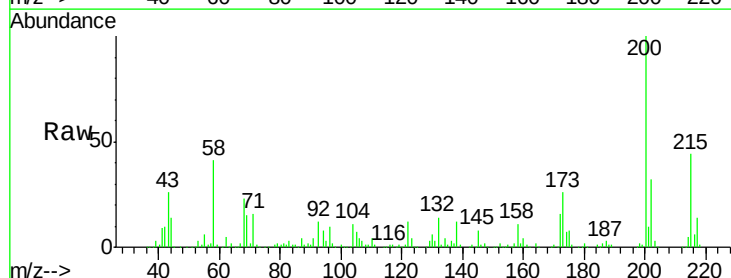


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

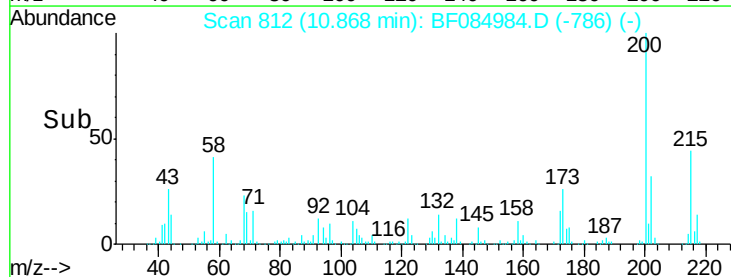
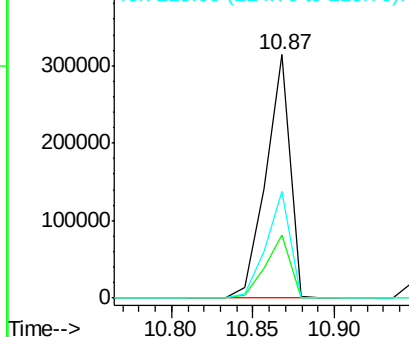


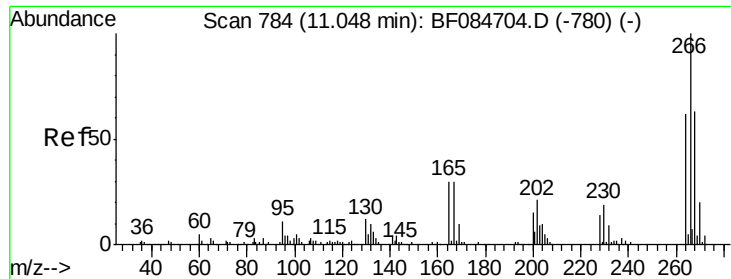
#68
Atrazine
Concen: 44.01 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion:200 Resp: 323437
Ion Ratio Lower Upper
200 100
173 26.1 9.5 49.5
215 44.0 23.8 63.8



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

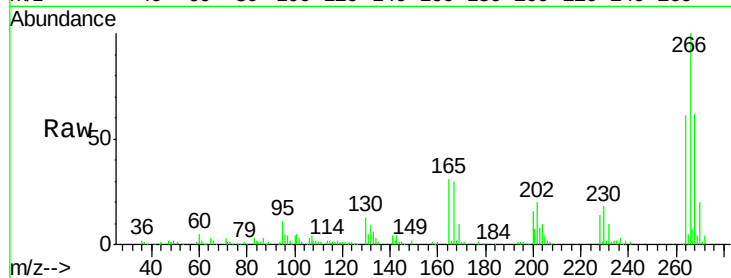




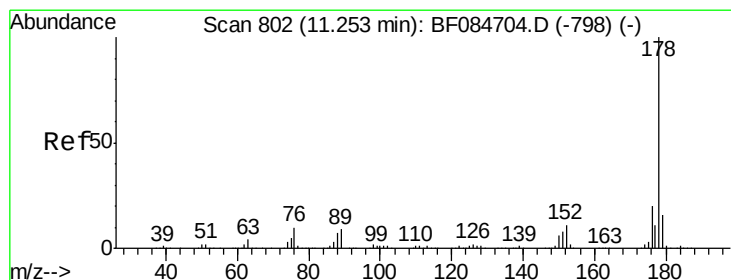
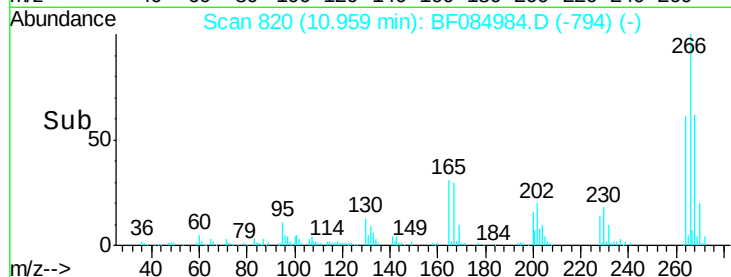
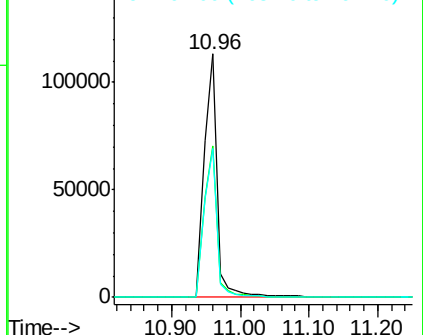
#69
 Pentachlorophenol
 Concen: 35.27 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 146218
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.4 78.6
 264 61.3 50.2 75.2

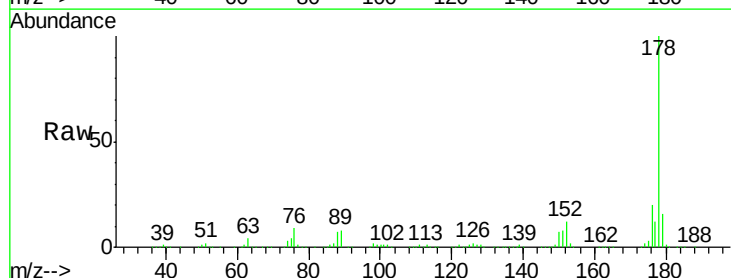


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

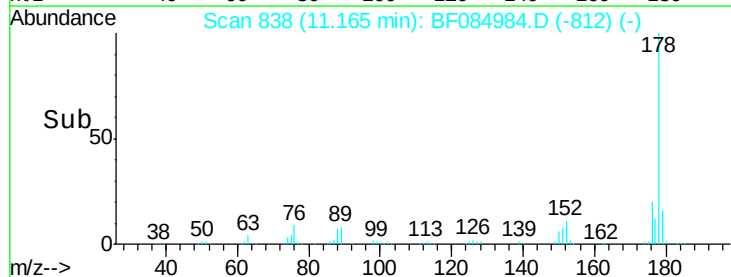
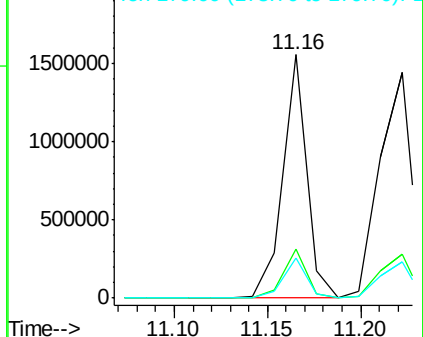


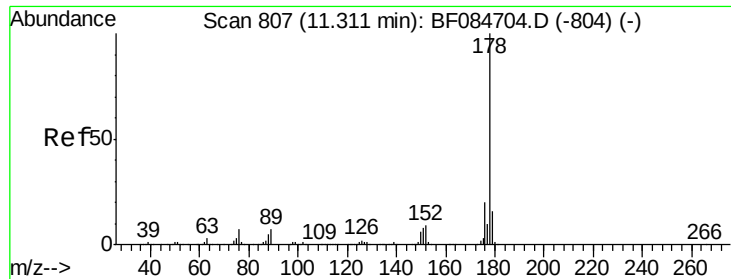
#70
 Phenanthrene
 Concen: 34.34 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion: 178 Resp: 1396131
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 16.5 12.0 18.0



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: 40.23 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

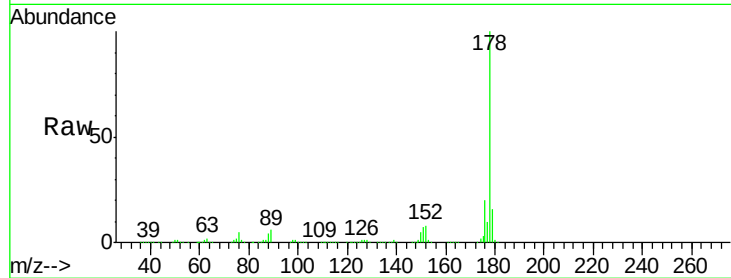
Tgt Ion:178 Resp: 1647993

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

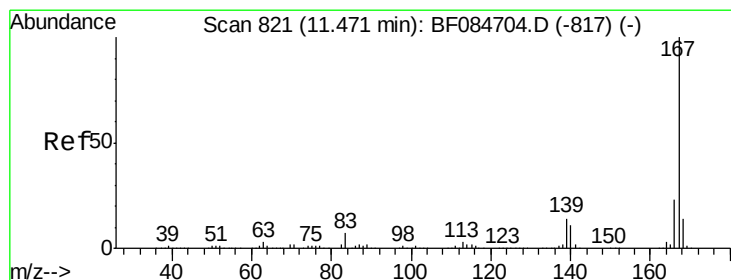
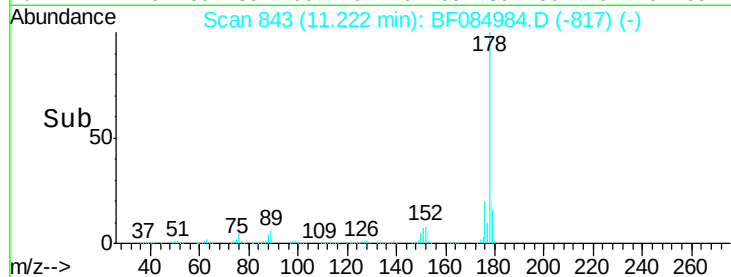
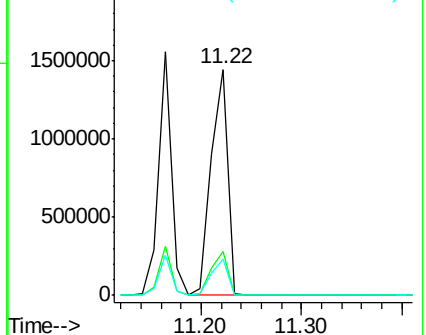
179 16.1 12.5 18.7



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



#72

Carbazole

Concen: 40.95 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

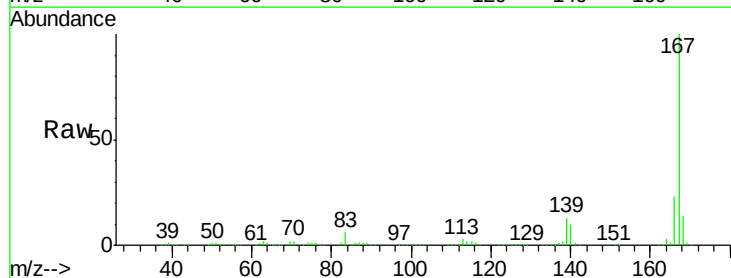
Tgt Ion:167 Resp: 1462758

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

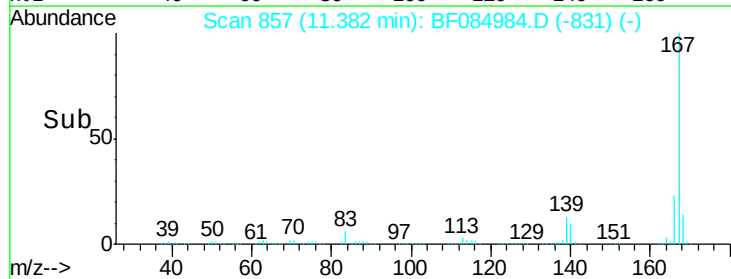
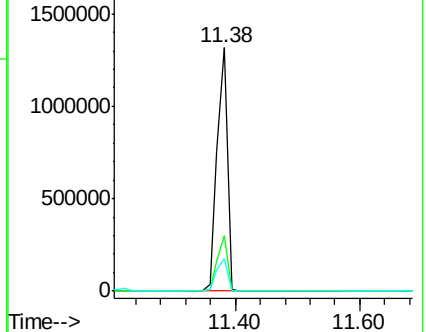
139 13.2 11.8 17.8

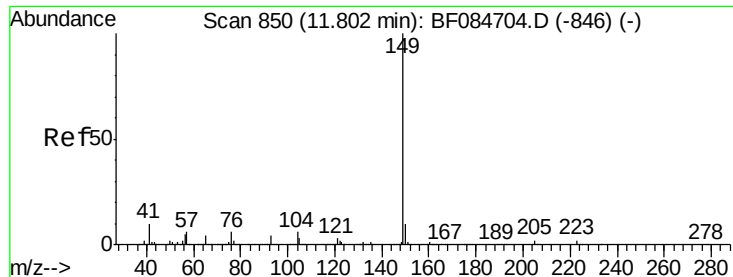


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.19 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

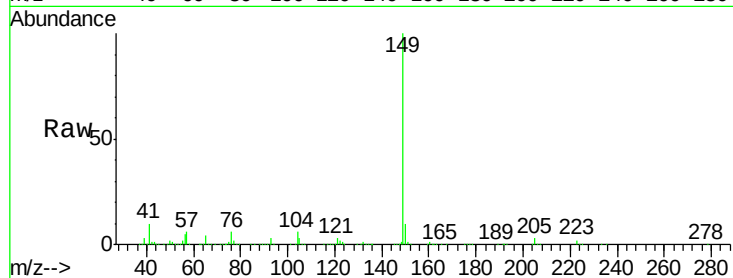
Tgt Ion:149 Resp: 1600217

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

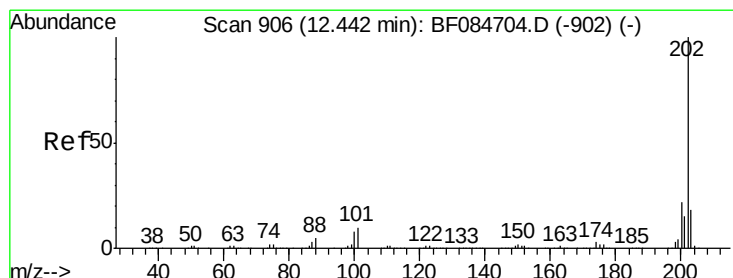
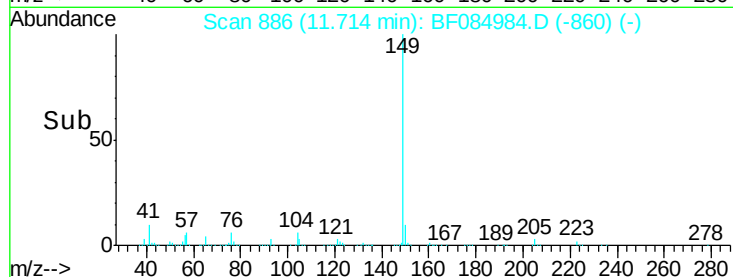
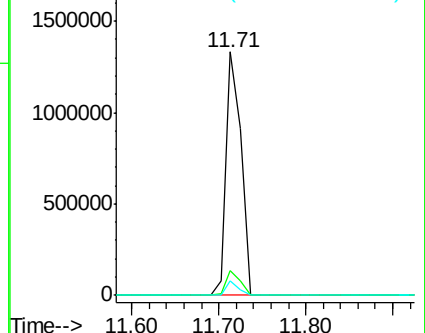
104 6.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.58 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

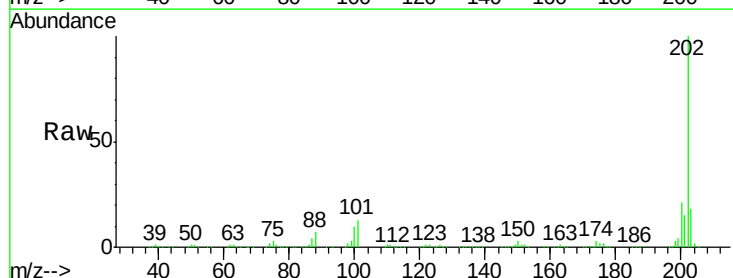
Tgt Ion:202 Resp: 1423003

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

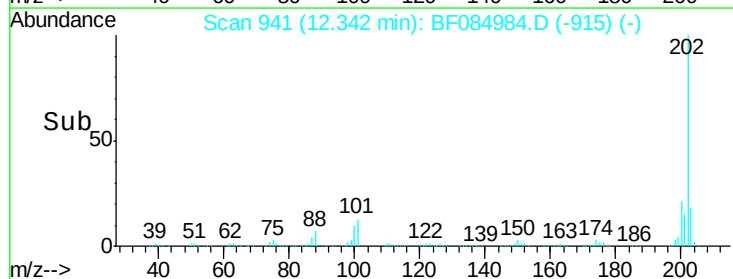
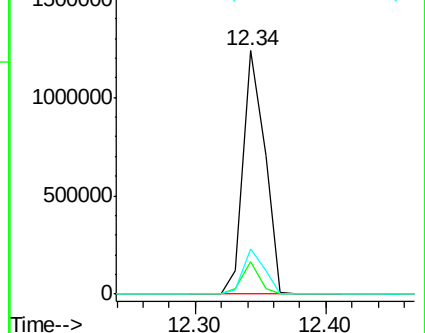
203 18.4 0.0 37.9

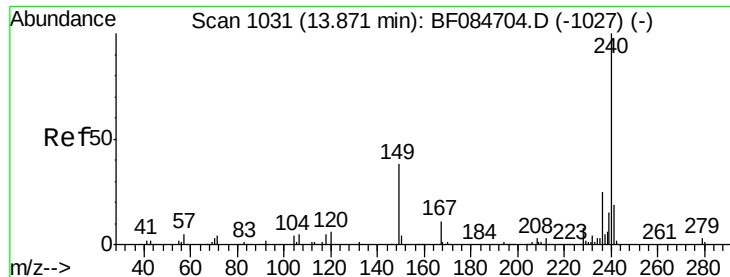


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

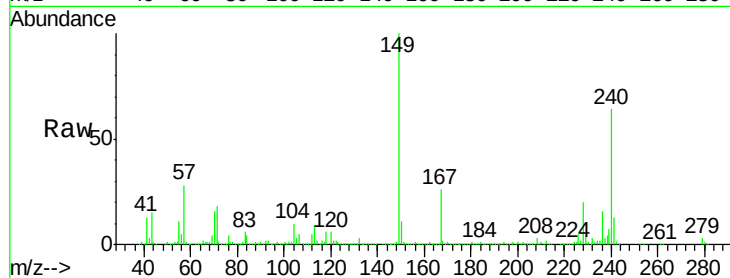
Tgt Ion:240 Resp: 510264

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

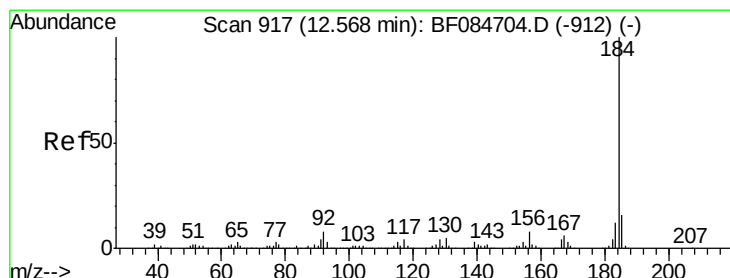
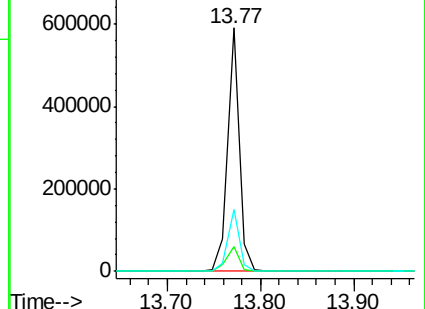
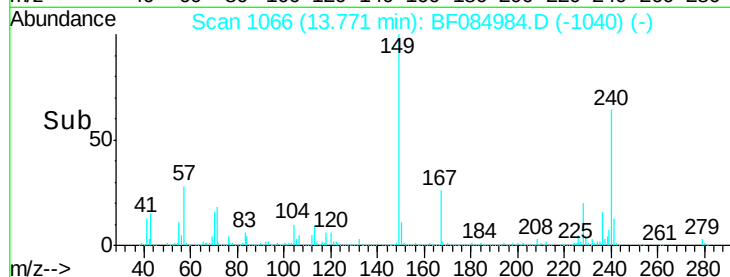
236 25.5 20.6 31.0



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: 44.49 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

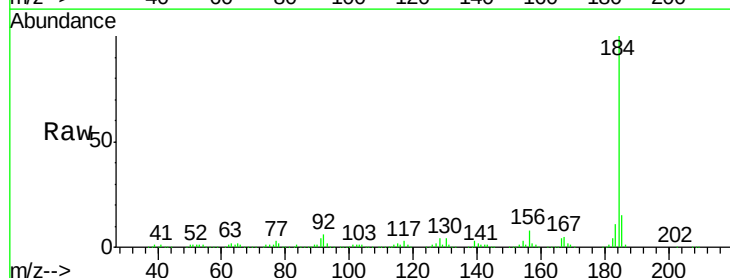
Tgt Ion:184 Resp: 786332

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

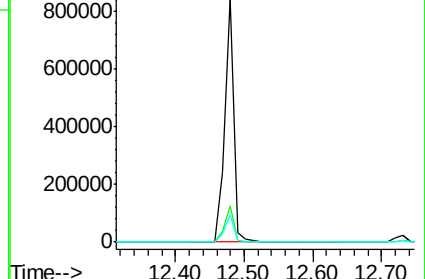
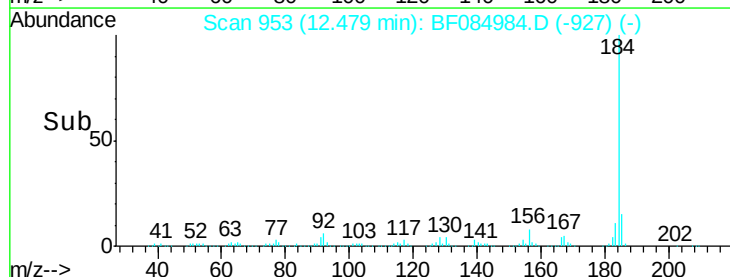
183 11.4 9.8 14.8

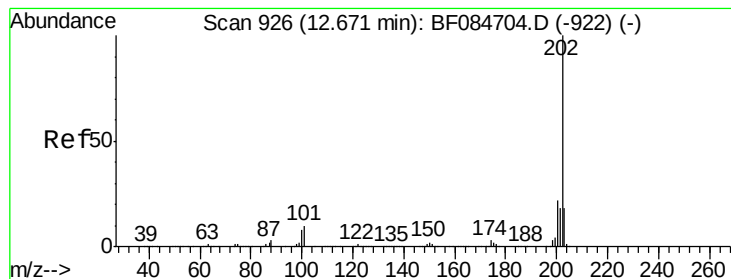


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.42 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

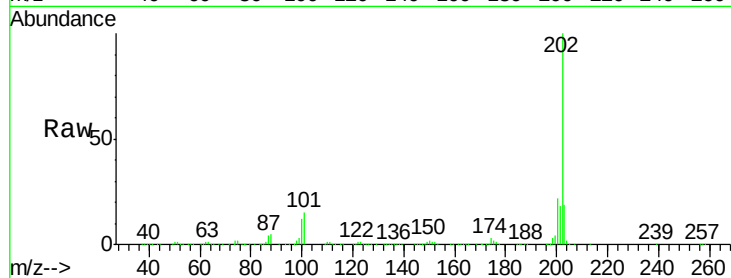
Tgt Ion:202 Resp: 1422885

Ion Ratio Lower Upper

202 100

200 22.3 17.2 25.8

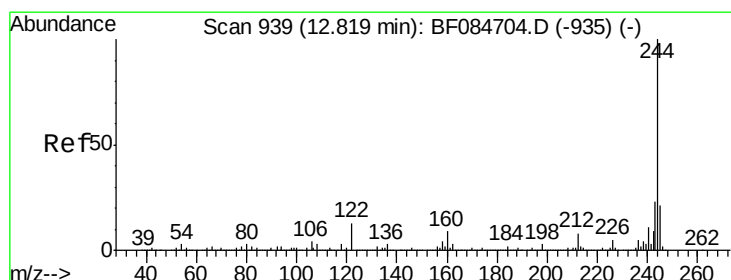
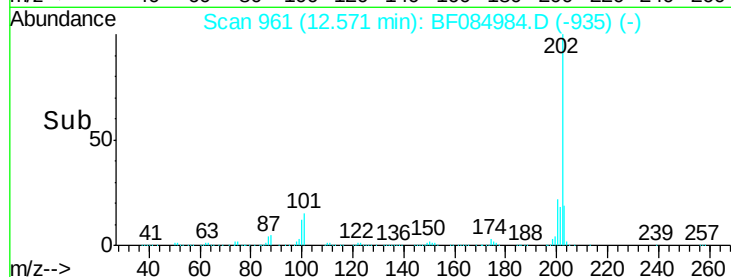
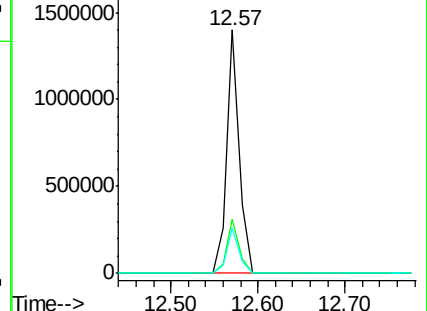
203 18.7 14.3 21.5



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: 82.97 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

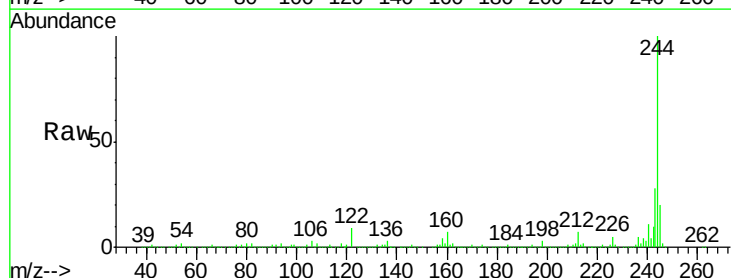
Tgt Ion:244 Resp: 1868329

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

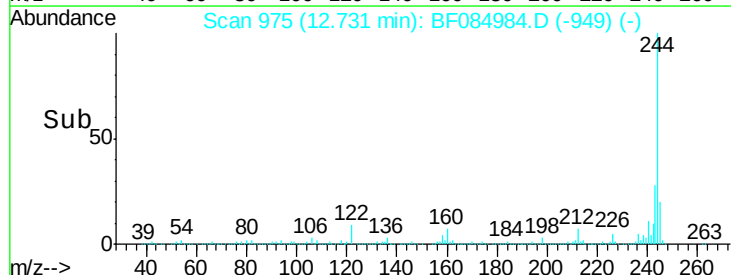
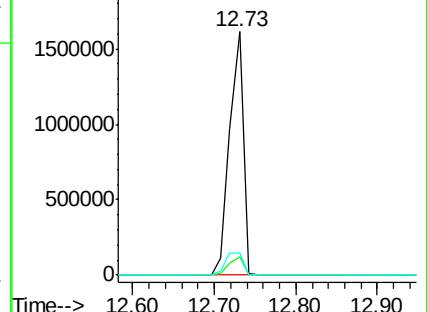
122 9.3 7.4 11.0

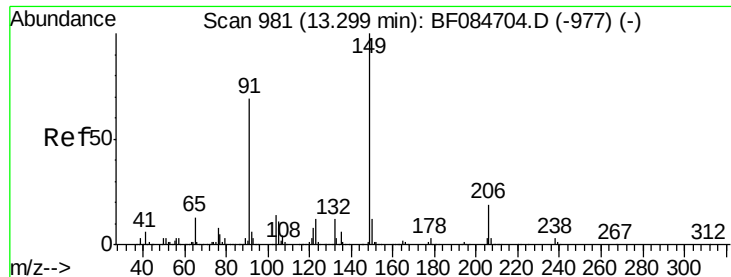


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

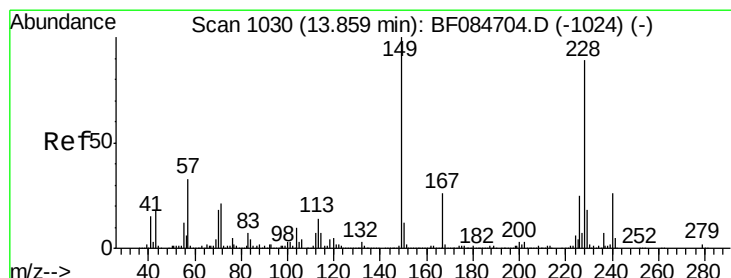
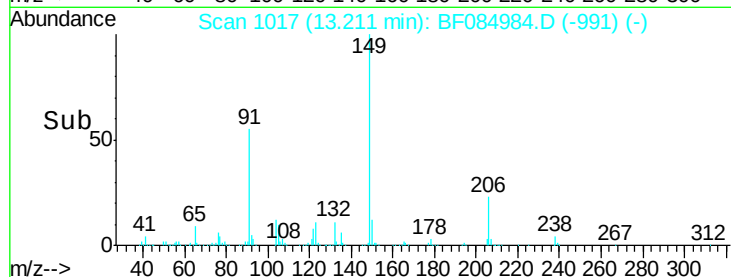
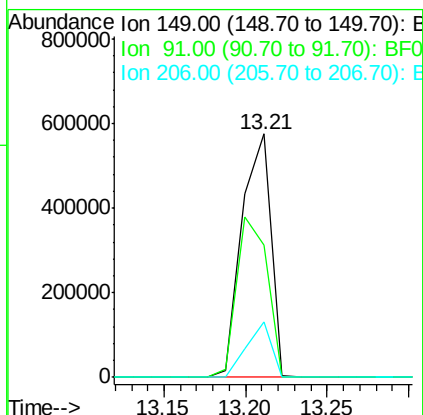
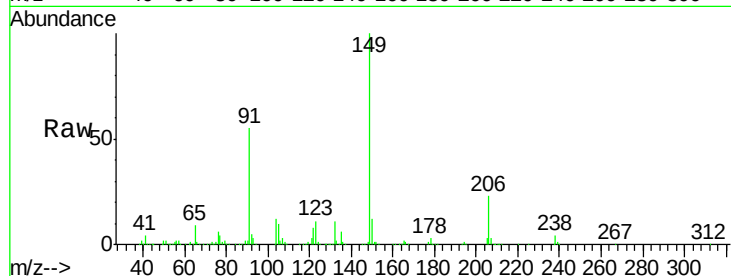




#79
Butylbenzylphthalate
Concen: 39.84 ng
RT: 13.21 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

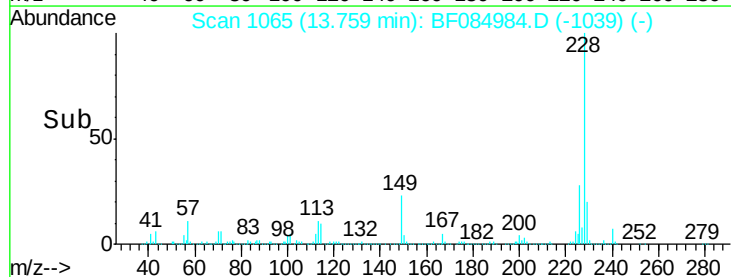
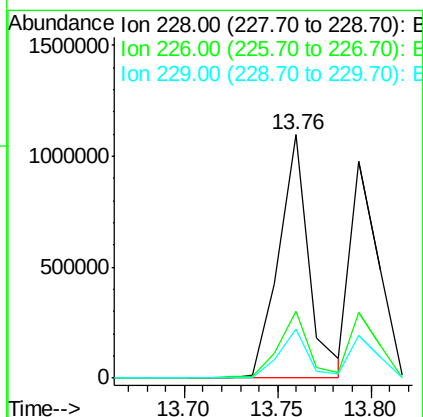
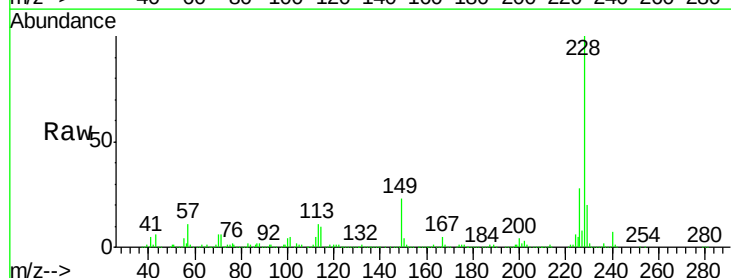
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

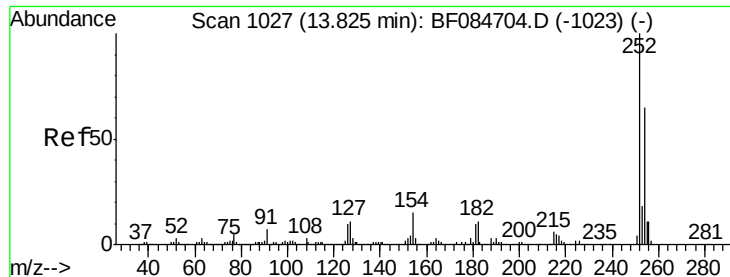
Tgt Ion:149 Resp: 706039
Ion Ratio Lower Upper
149 100
91 54.6 57.6 86.4#
206 22.8 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF084984.D
Acq: 10 Feb 2016 10:58

Tgt Ion:228 Resp: 1235170
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 20.1 15.8 23.8

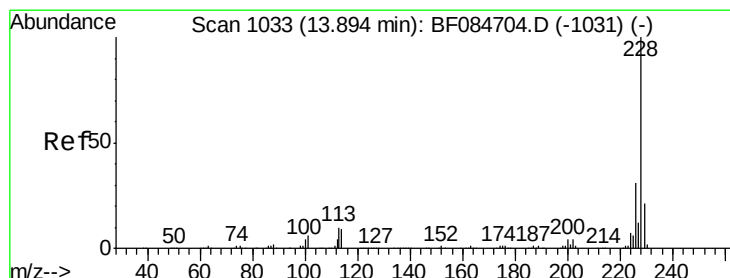
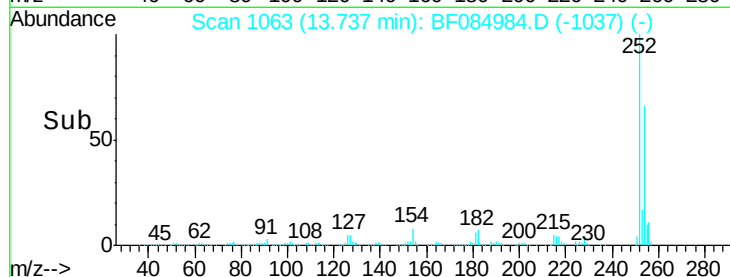
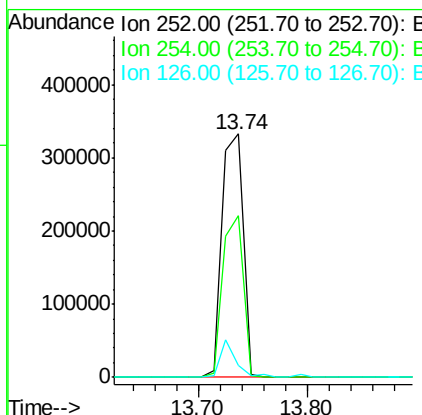
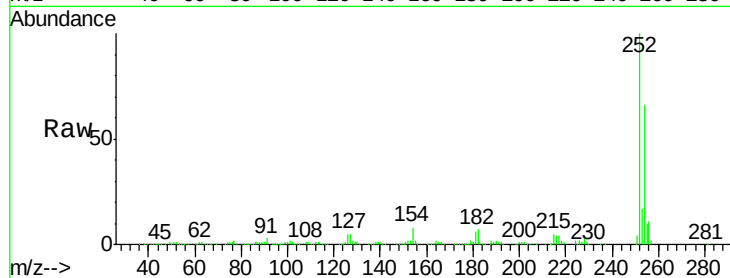




#81
 3,3'-Dichlorobenzidine
 Concen: 40.34 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

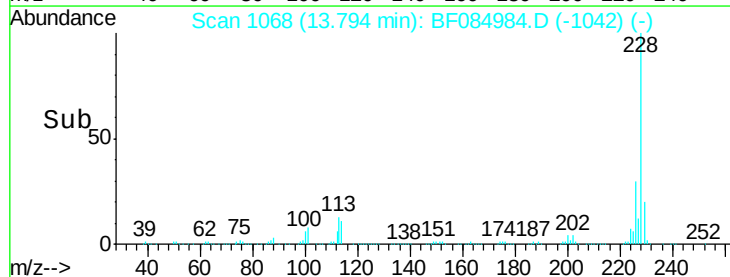
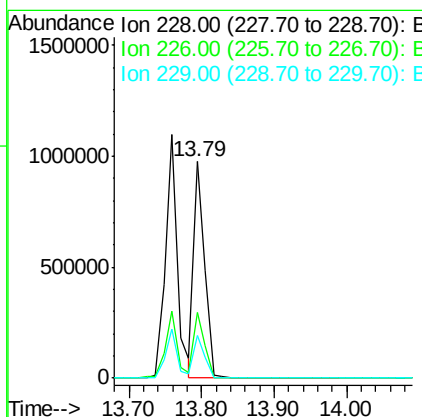
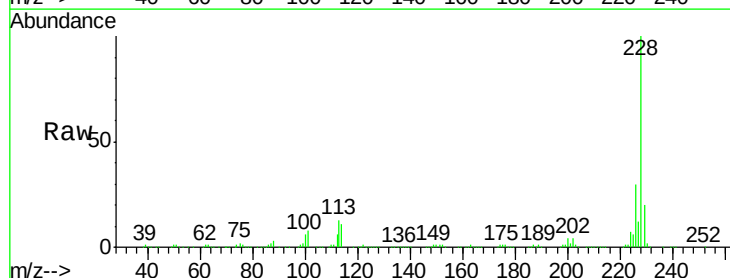
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

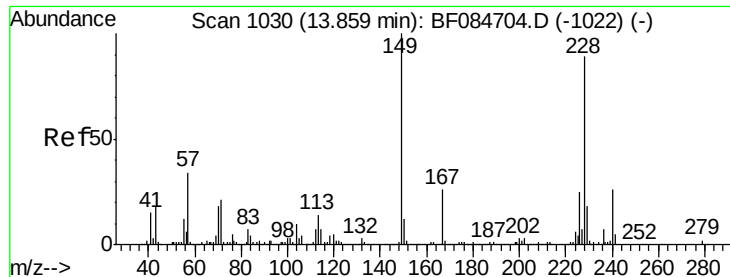
Tgt Ion:252 Resp: 452367
 Ion Ratio Lower Upper
 252 100
 254 66.2 53.5 80.3
 126 4.9 4.9 7.3



#82
 Chrysene
 Concen: 33.22 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion:228 Resp: 1020328
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 19.9 16.1 24.1

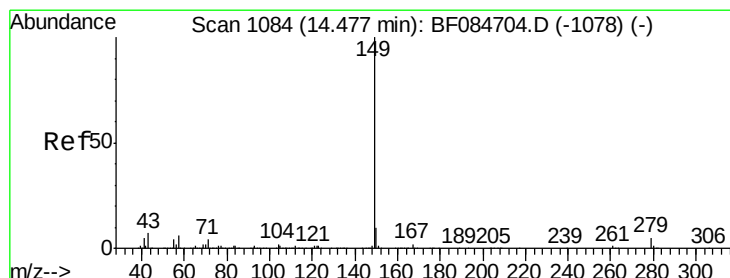
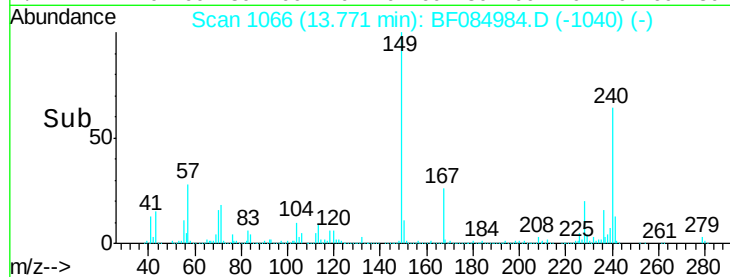
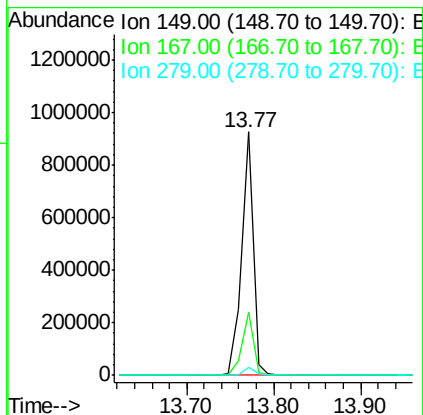
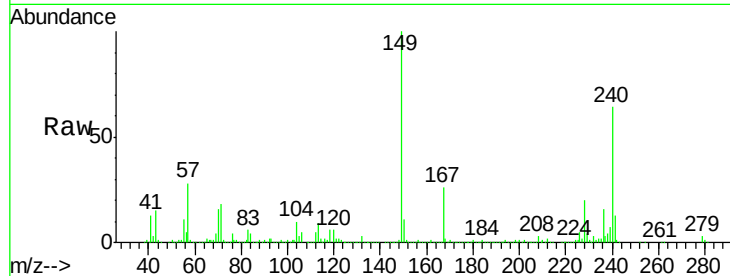




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.30 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

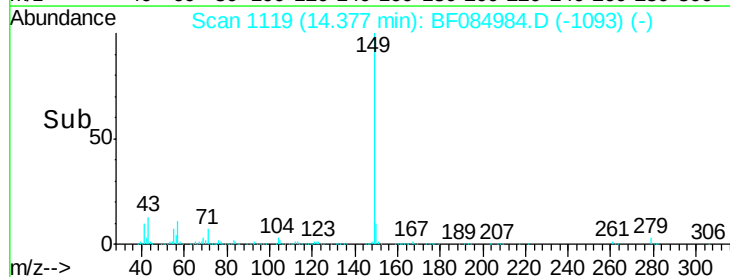
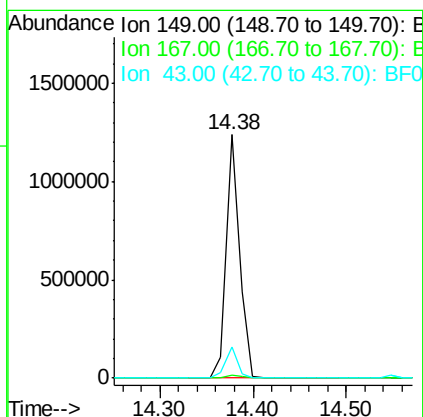
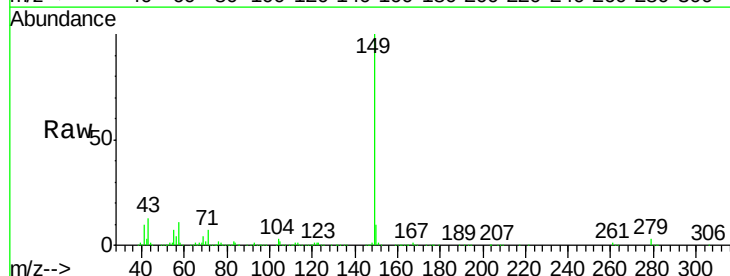
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

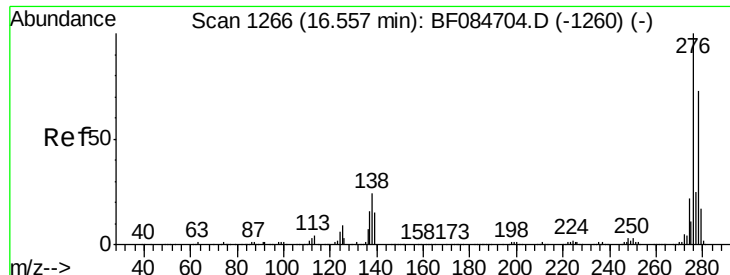
Tgt Ion:149 Resp: 844698
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.7 29.5
 279 3.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 33.99 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion:149 Resp: 1236884
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.5 5.6 8.4#

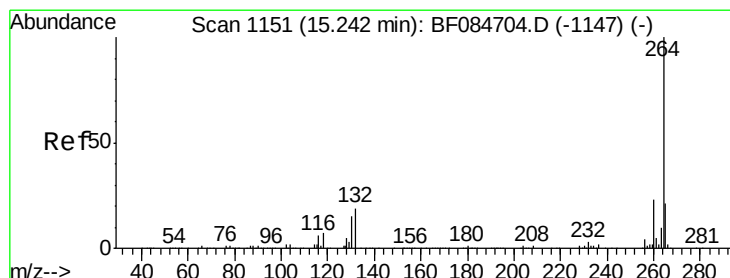
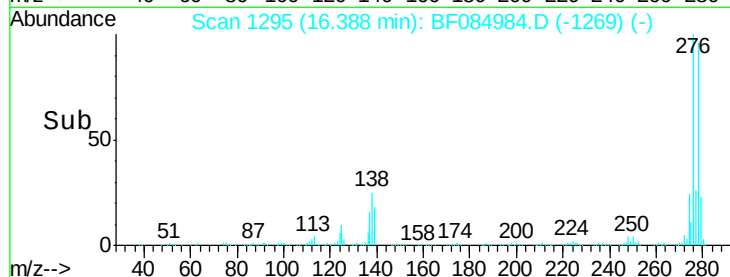
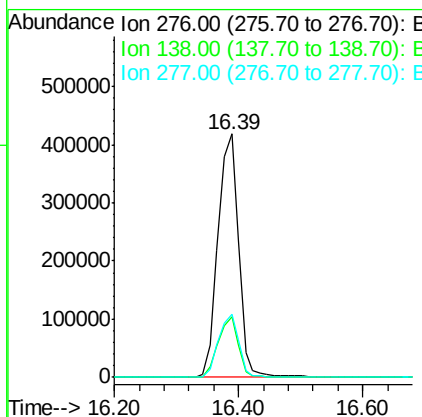
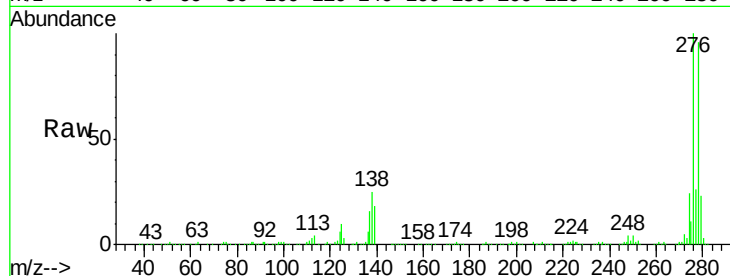




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.83 ng
 RT: 16.39 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

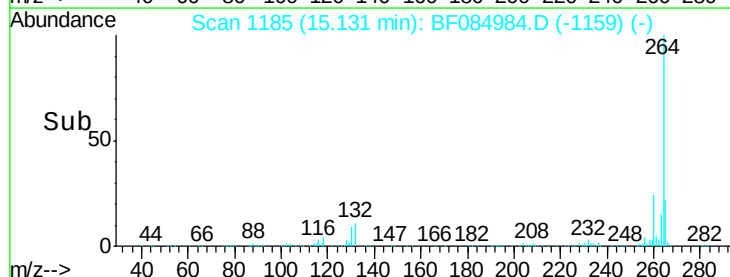
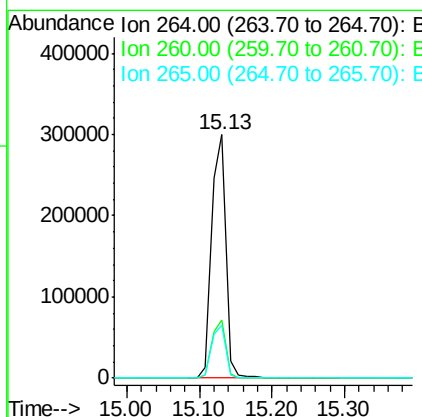
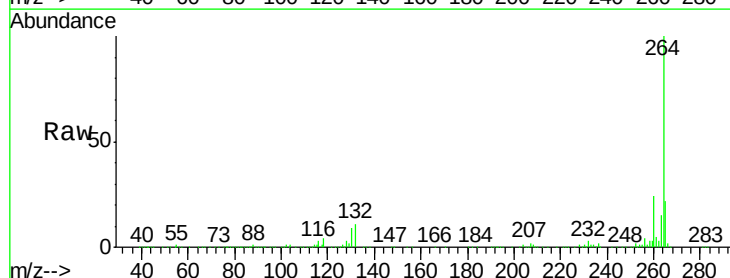
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

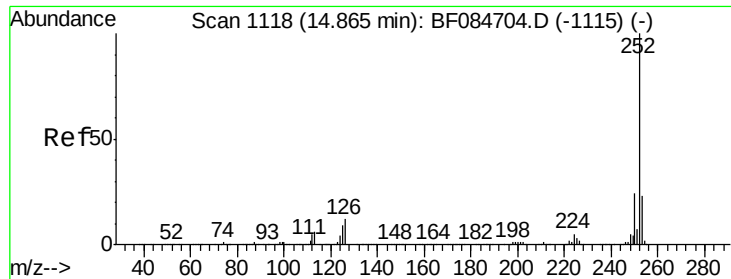
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.6	30.8
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF084984.D
 Acq: 10 Feb 2016 10:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 70.75 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.02 min

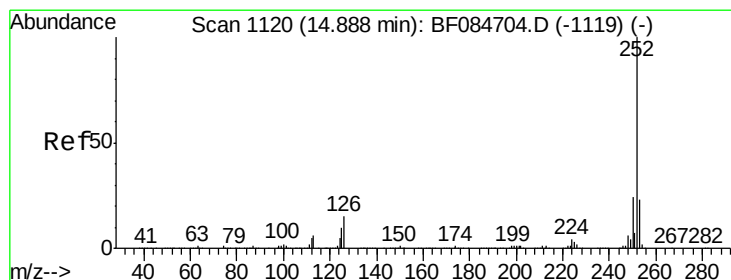
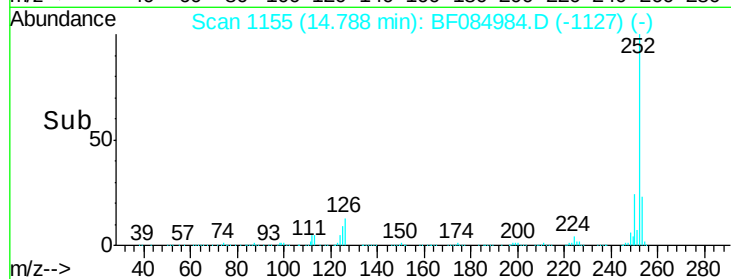
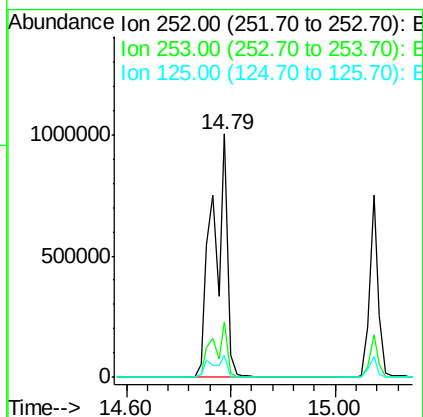
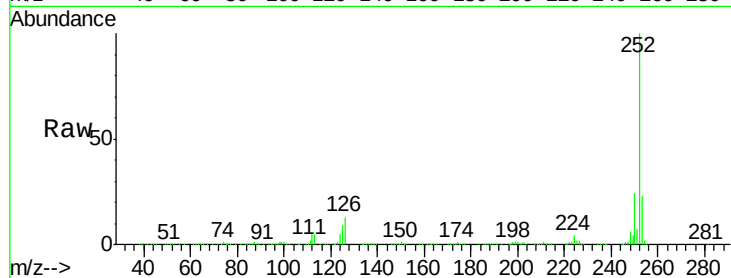
Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1932826

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.2	6.5	9.7



#88

Benzo(k)fluoranthene

Concen: 85.59 ng

RT: 14.79 min Scan# 1155

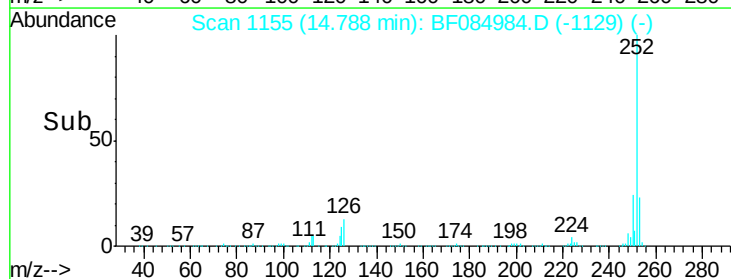
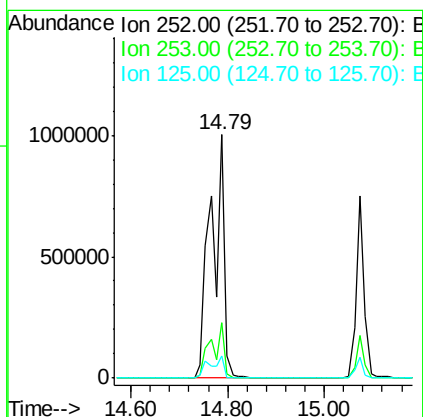
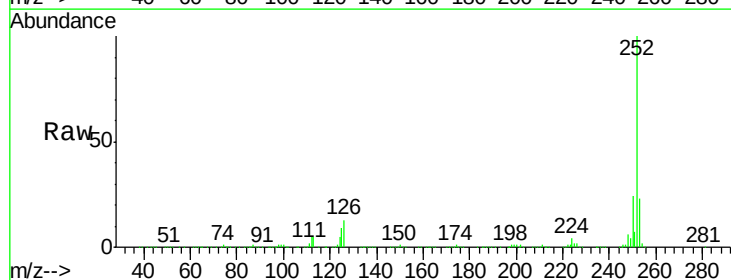
Delta R.T. 0.00 min

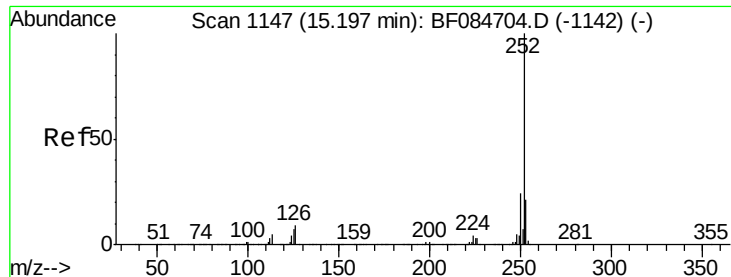
Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Tgt Ion:252 Resp: 1933483

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.2	9.0	13.6





#89

Benzo(a)pyrene

Concen: 37.01 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

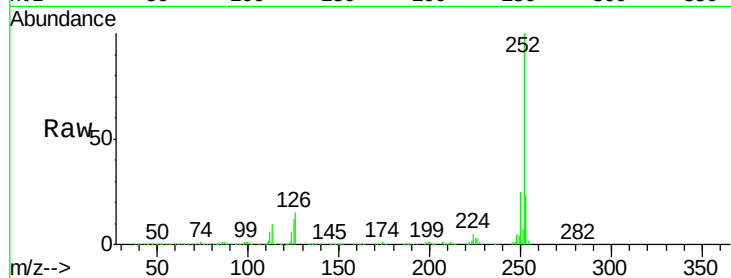
Tgt Ion:252 Resp: 861610

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

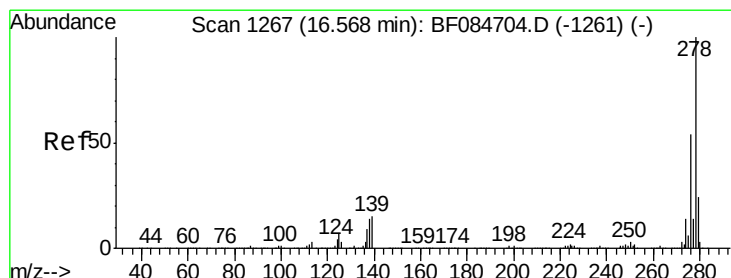
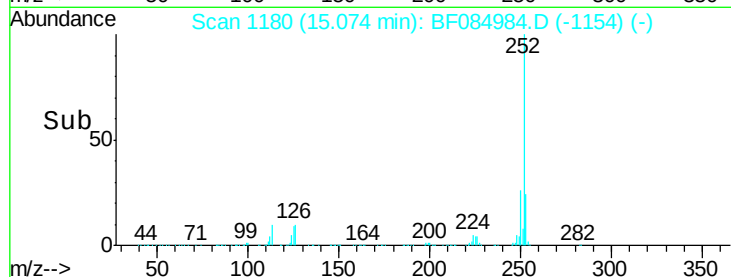
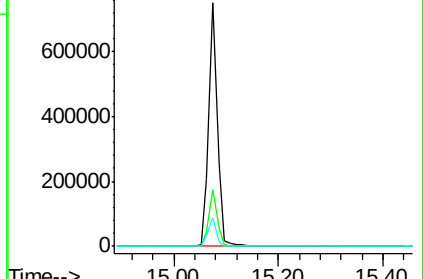
125 11.7 7.0 10.4#



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: 40.14 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

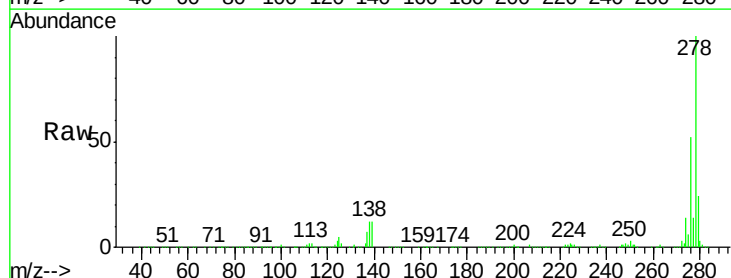
Tgt Ion:278 Resp: 786616

Ion Ratio Lower Upper

278 100

139 12.2 15.0 22.4#

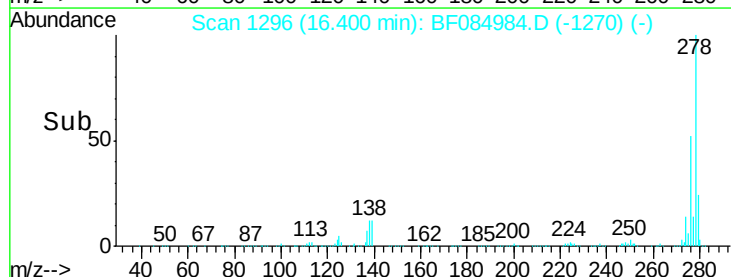
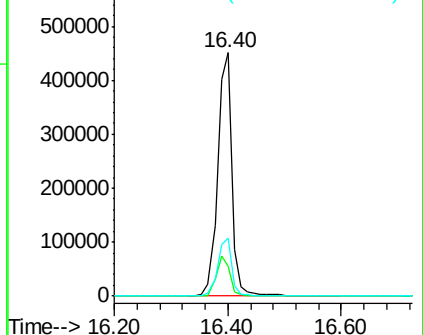
279 24.0 18.9 28.3

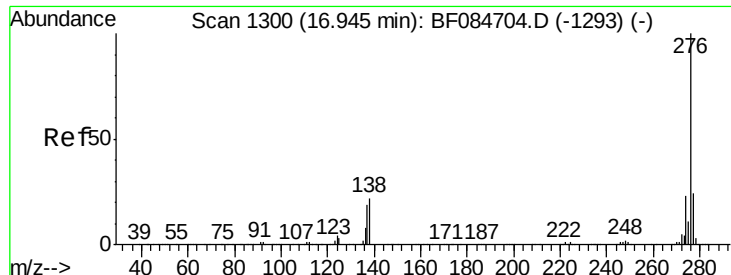


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.33 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF084984.D

Acq: 10 Feb 2016 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

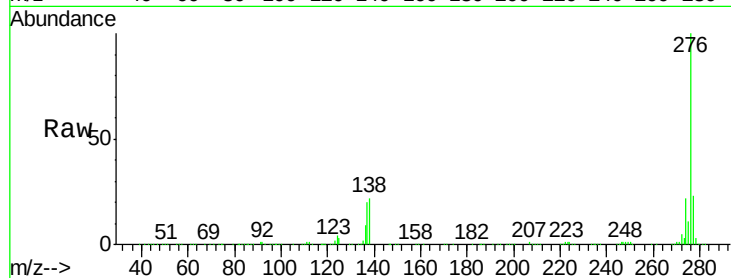
Tgt Ion: 276 Resp: 835454

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 22.2 17.8 26.6



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

