

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086957.D
 Acq On : 13 May 2016 5:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 13 06:29:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	173408	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	640550	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	242271	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	389330	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	357390	20.00	ng	0.00
86) Perylene-d12	15.13	264	314688	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	828230	80.89	ng	0.00
7) Phenol-d6	6.30	99	987829	72.18	ng	0.00
23) Nitrobenzene-d5	7.20	82	1105719	86.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	177879	69.35	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1340918	93.02	ng	0.00
78) Terphenyl-d14	12.72	244	1086780	64.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	217476	43.26	ng	# 71
3) Pyridine	2.71	79	514138	41.84	ng	# 64
4) n-Nitrosodimethylamine	2.67	42	372990	41.85	ng	# 48
6) Aniline	6.30	93	648813	39.20	ng	89
8) 2-Chlorophenol	6.42	128	484419	39.21	ng	97
9) Benzaldehyde	6.17	77	300790	37.96	ng	98
10) Phenol	6.31	94	594650	36.56	ng	74
11) bis(2-Chloroethyl)ether	6.38	93	525671	41.45	ng	92
12) 1,3-Dichlorobenzene	6.56	146	502096	37.55	ng	# 90
13) 1,4-Dichlorobenzene	6.80	146	489409	35.89	ng	94
14) 1,2-Dichlorobenzene	6.80	146	496838	41.81	ng	99
15) Benzyl Alcohol	6.79	79	348784	36.91	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1012348	36.71	ng	56
17) 2-Methylphenol	6.91	107	360867	36.70	ng	# 80
18) Hexachloroethane	7.13	117	161227	31.43	ng	95
19) n-Nitroso-di-n-propylamine	7.06	70	379779	39.71	ng	# 70
20) 3+4-Methylphenols	7.07	107	478602	37.27	ng	# 60
22) Acetophenone	7.05	105	640741	42.35	ng	# 98
24) Nitrobenzene	7.22	77	542375	41.33	ng	97
25) Isophorone	7.46	82	916827	38.74	ng	98
26) 2-Nitrophenol	7.54	139	208200	36.09	ng	96
27) 2,4-Dimethylphenol	7.60	122	412861	42.02	ng	92
28) bis(2-Chloroethoxy)methane	7.68	93	538832	42.21	ng	98
29) 2,4-Dichlorophenol	7.79	162	334765	38.71	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	404811	41.86	ng	99
31) Naphthalene	7.94	128	1232099	38.40	ng	100
32) Benzoic acid	7.74	122	152009	26.34	ng	# 81
33) 4-Chloroaniline	8.00	127	491654	39.44	ng	# 92
34) Hexachlorobutadiene	8.06	225	238589	42.52	ng	96
35) Caprolactam	8.39	113	108384	36.83	ng	# 68
36) 4-Chloro-3-methylphenol	8.50	107	373288	35.59	ng	98
37) 2-Methylnaphthalene	8.63	142	768138	40.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	317139	45.02	ng	100
40) Hexachlorocyclopentadiene	8.78	237	13486	4.03	ng	93

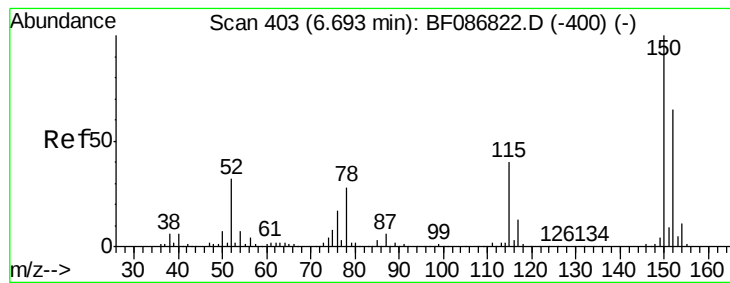
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	195587	41.52	ng	94
43) 2,4,5-Trichlorophenol	8.96	196	205258	42.14	ng #	92
45) 1,1'-Biphenyl	9.10	154	882346	45.79	ng	99
46) 2-Chloronaphthalene	9.11	162	663085	43.92	ng #	91
47) 2-Nitroaniline	9.22	65	266060	48.22	ng #	79
48) Acenaphthylene	9.52	152	917216	41.30	ng	98
49) Dimethylphthalate	9.40	163	835839	45.22	ng	99
50) 2,6-Dinitrotoluene	9.46	165	142358	36.60	ng #	77
51) Acenaphthene	9.69	154	555791	40.23	ng	98
52) 3-Nitroaniline	9.63	138	185374	45.27	ng	88
53) 2,4-Dinitrophenol	9.75	184	4996	9.96	ng #	38
54) Dibenzofuran	9.86	168	721213	40.67	ng	93
55) 4-Nitrophenol	9.86	139	400999	143.04	ng #	20
56) 2,4-Dinitrotoluene	9.86	165	155995	32.41	ng #	55
57) Fluorene	10.20	166	570817	37.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	129386	35.28	ng	99
59) Diethylphthalate	10.09	149	707970	39.31	ng	99
60) 4-Chlorophenyl-phenylether	10.20	204	311285	48.14	ng	90
61) 4-Nitroaniline	10.25	138	180816	45.97	ng	88
62) Azobenzene	10.36	77	760724	39.15	ng	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	12877	5.32	ng #	52
65) n-Nitrosodiphenylamine	10.33	169	552138	46.16	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	169085	42.84	ng #	88
67) Hexachlorobenzene	10.75	284	194436	42.15	ng #	87
68) Atrazine	10.86	200	128874	32.25	ng	94
69) Pentachlorophenol	10.96	266	91867	43.09	ng	97
70) Phenanthrene	11.16	178	876859	42.20	ng	100
71) Anthracene	11.21	178	835921	39.34	ng	100
72) Carbazole	11.38	167	779146	42.65	ng	98
73) Di-n-butylphthalate	11.71	149	1018421	45.66	ng	99
74) Fluoranthene	12.34	202	881913	41.27	ng	98
76) Benzidine	12.48	184	481839	52.88	ng	98
77) Pyrene	12.57	202	982841	35.92	ng	99
79) Butylbenzylphthalate	13.20	149	442878	38.27	ng #	75
80) Benzo(a)anthracene	13.76	228	846958	42.21	ng	97
81) 3,3'-Dichlorobenzidine	13.73	252	572935	44.95	ng	96
82) Chrysene	13.79	228	841899	41.25	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	573175	41.17	ng #	95
84) Di-n-octyl phthalate	14.38	149	1093913	47.44	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.38	276	648529	38.19	ng	95
87) Benzo(b)fluoranthene	14.79	252	1563412	76.44	ng #	91
88) Benzo(k)fluoranthene	14.79	252	1564163	93.40	ng #	94
89) Benzo(a)pyrene	15.07	252	707866	40.13	ng	99
90) Dibenzo(a,h)anthracene	16.39	278	541581	36.43	ng	96
91) Benzo(g,h,i)perylene	16.75	276	518853	34.35	ng #	92

(#) = 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: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

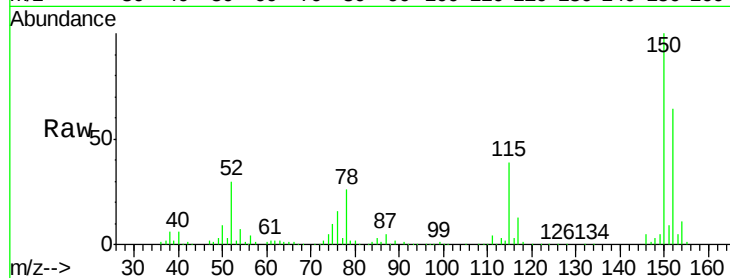
Tgt Ion:152 Resp: 173408

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

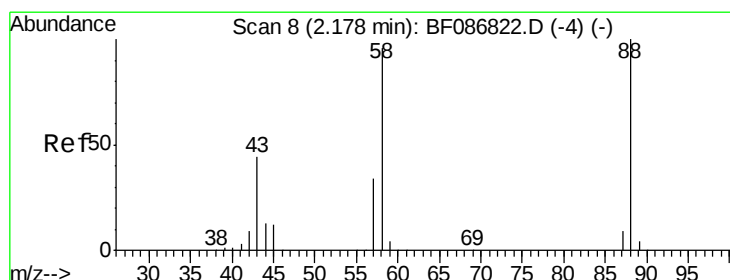
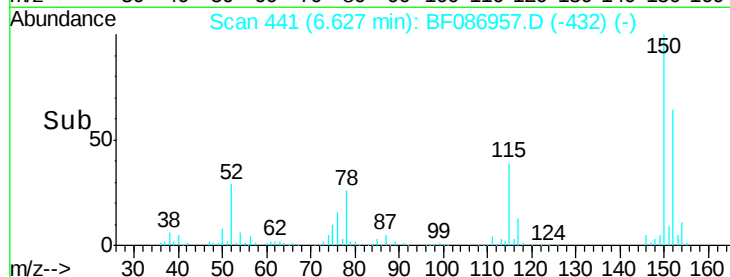
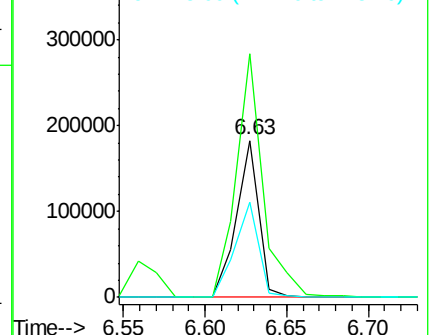
115 61.1 51.5 77.3



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: 43.26 ng

RT: 2.07 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

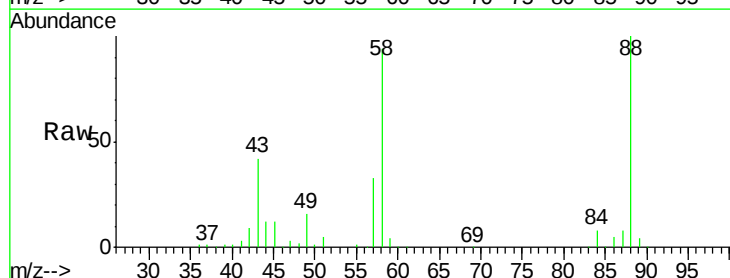
Tgt Ion: 88 Resp: 217476

Ion Ratio Lower Upper

88 100

58 97.8 59.6 89.4#

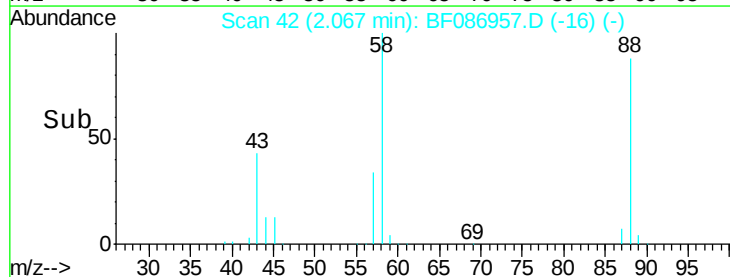
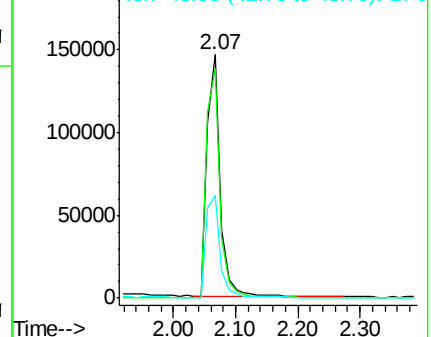
43 44.2 21.8 32.6#

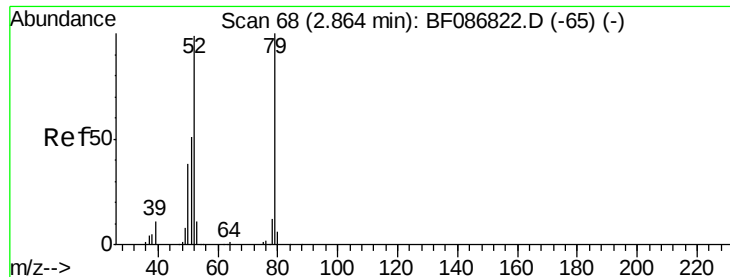


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.84 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

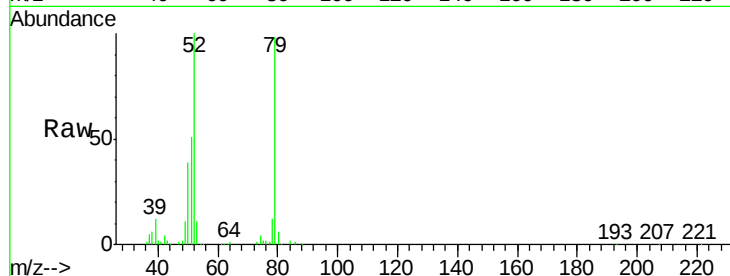
Tgt Ion: 79 Resp: 514138

Ion Ratio Lower Upper

79 100

52 101.9 55.9 83.9#

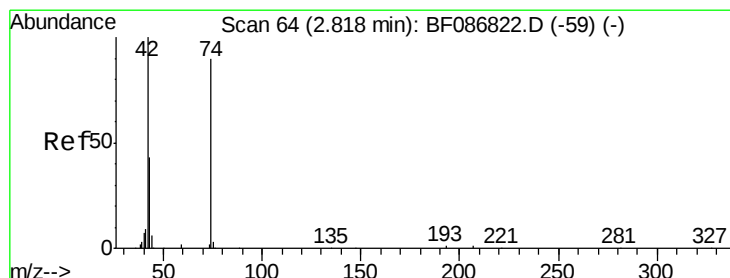
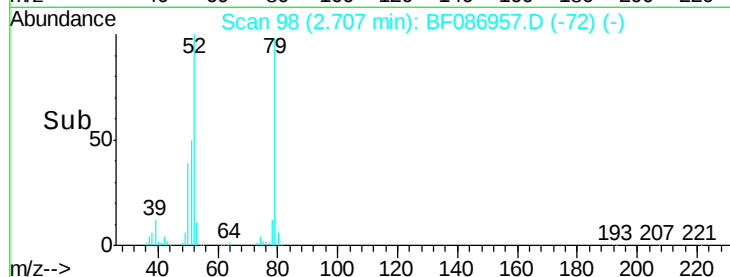
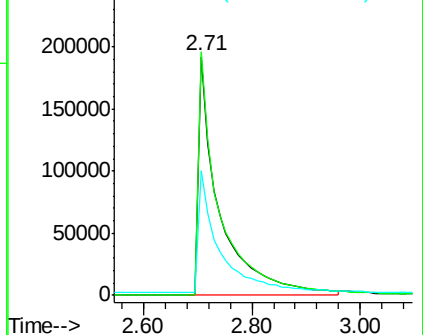
51 52.2 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.85 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

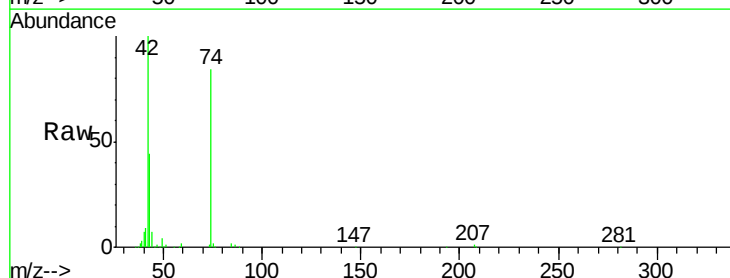
Tgt Ion: 42 Resp: 372990

Ion Ratio Lower Upper

42 100

74 84.4 123.4 185.0#

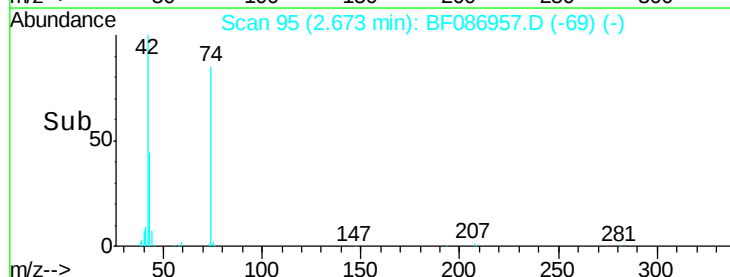
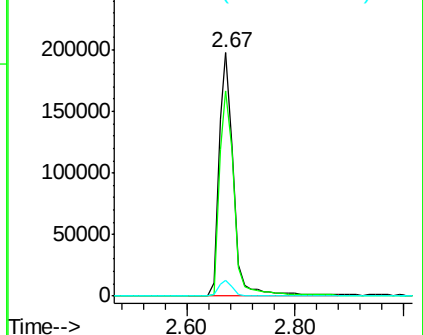
44 6.5 5.8 8.6

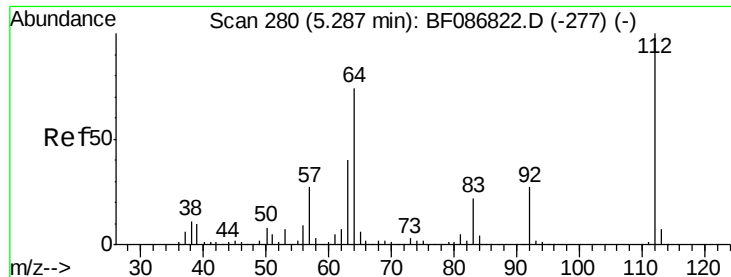


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

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SSTDCCC040

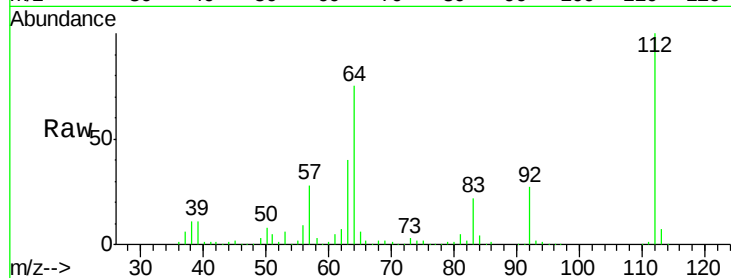
Tgt Ion: 112 Resp: 828230

Ion Ratio Lower Upper

112 100

64 75.1 52.1 78.1

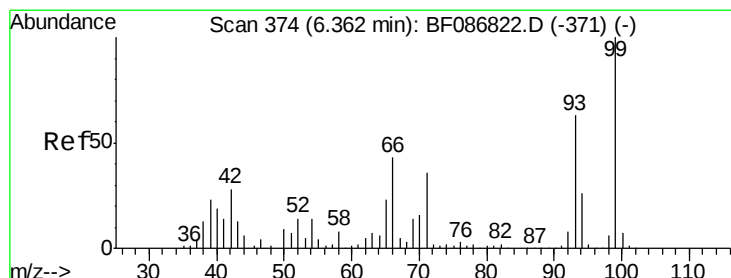
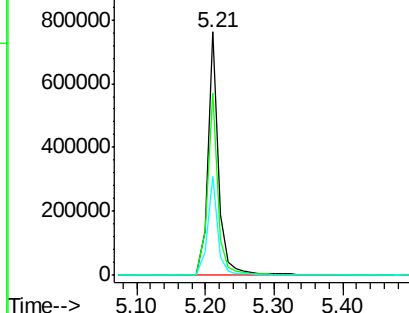
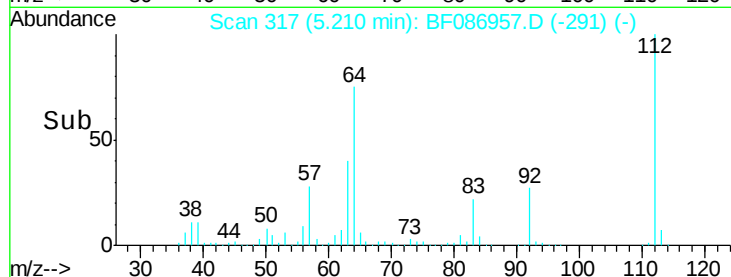
63 40.5 25.7 38.5#



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: 39.20 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

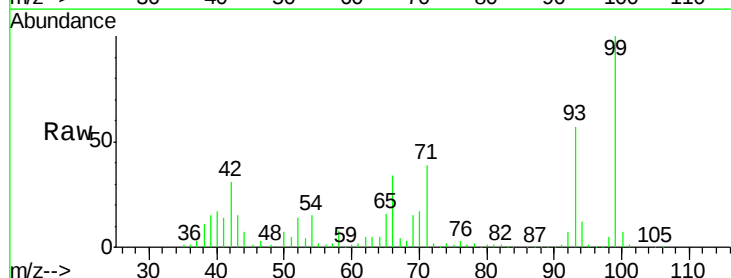
Tgt Ion: 93 Resp: 648813

Ion Ratio Lower Upper

93 100

66 58.3 39.0 58.6

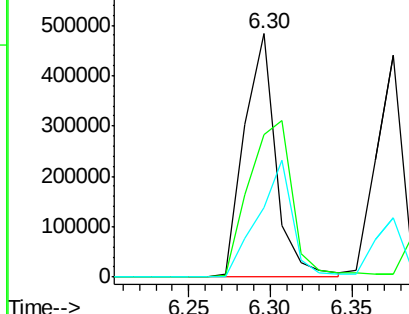
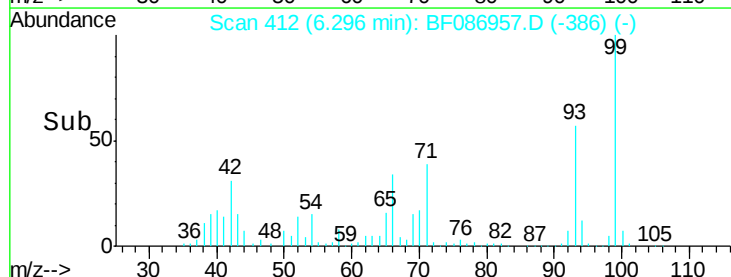
65 28.6 20.6 31.0

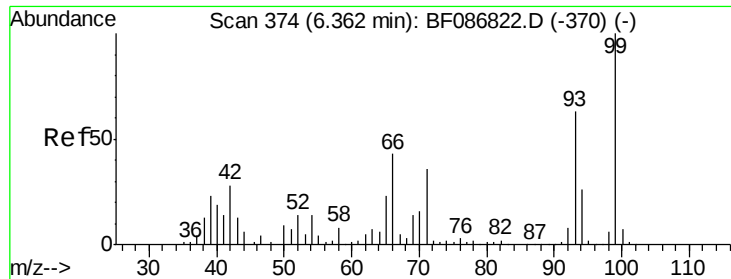


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.18 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

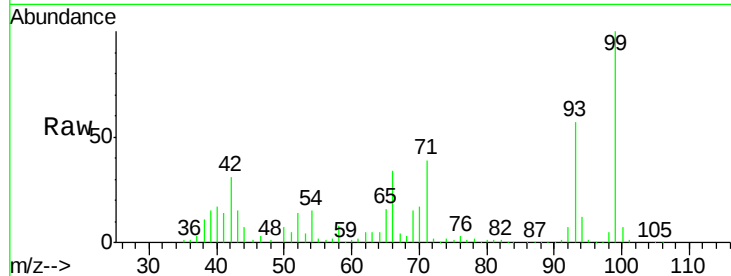
Tgt Ion: 99 Resp: 987829

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

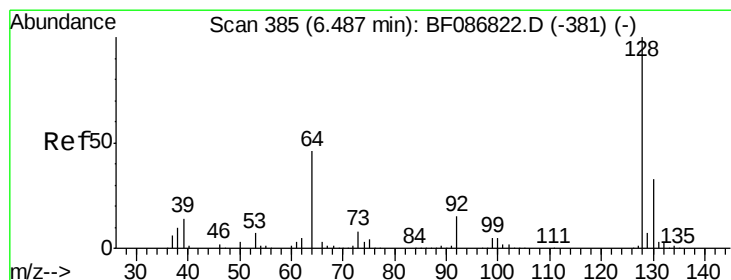
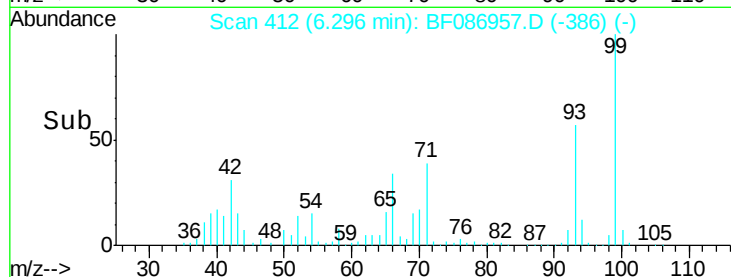
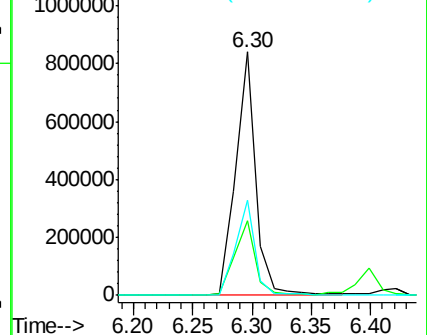
71 39.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.21 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

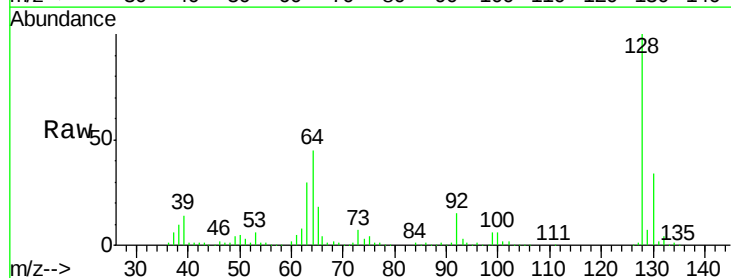
Tgt Ion: 128 Resp: 484419

Ion Ratio Lower Upper

128 100

130 34.2 12.5 52.5

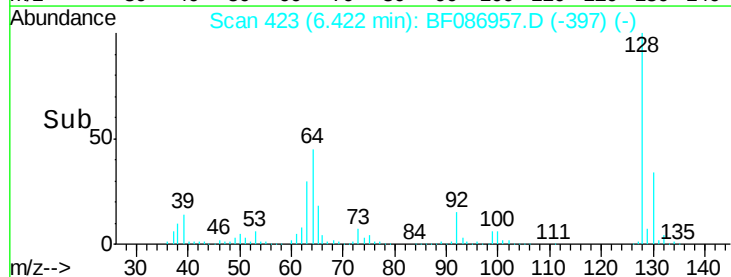
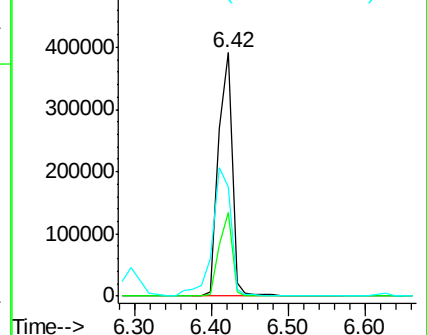
64 45.0 27.3 67.3

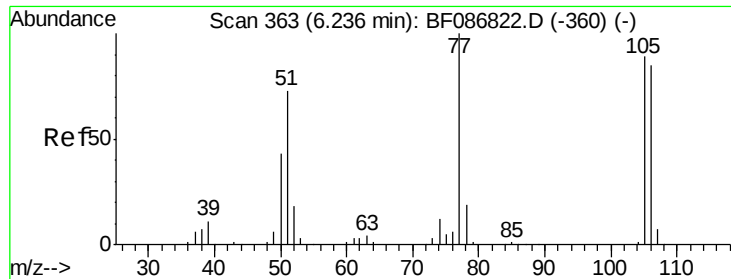


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.96 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF086957.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

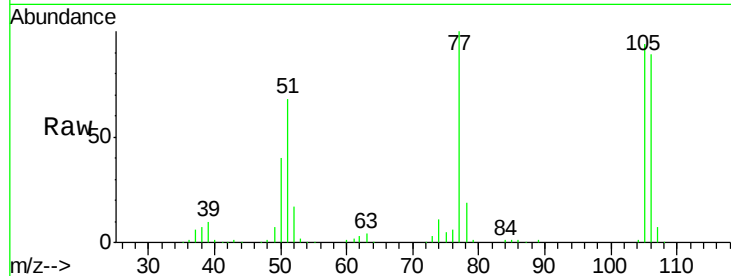
Tgt Ion: 77 Resp: 300790

Ion Ratio Lower Upper

77 100

105 94.3 72.7 112.7

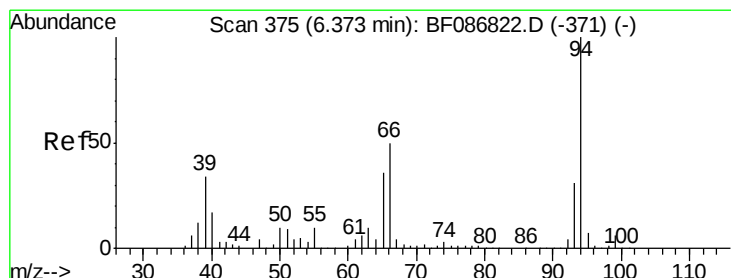
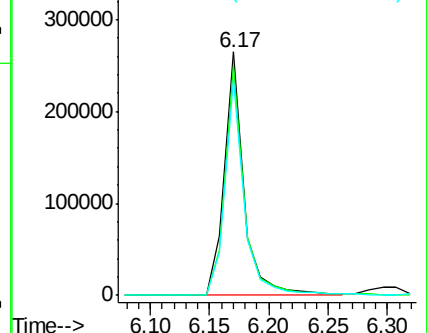
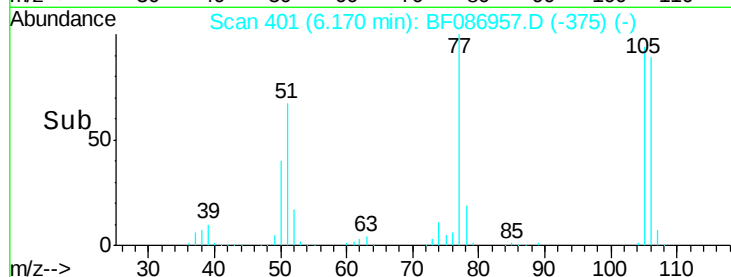
106 88.6 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.56 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

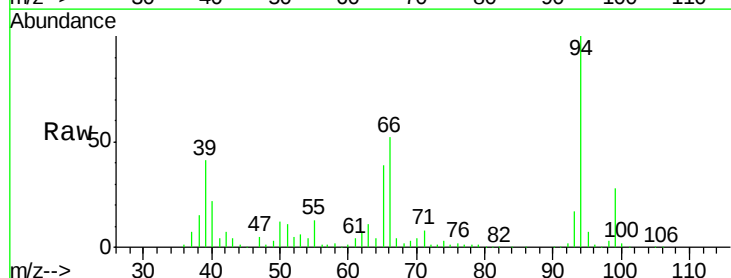
Tgt Ion: 94 Resp: 594650

Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

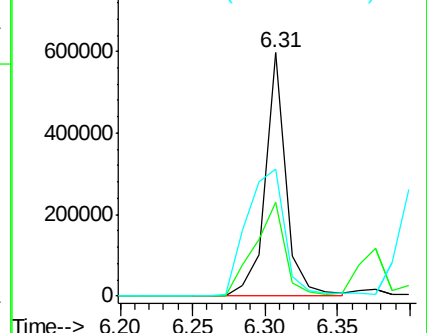
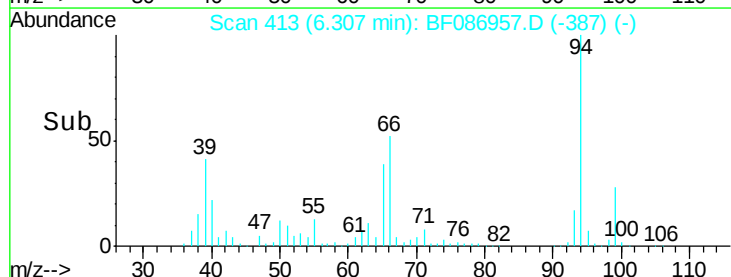
66 52.1 14.9 54.9

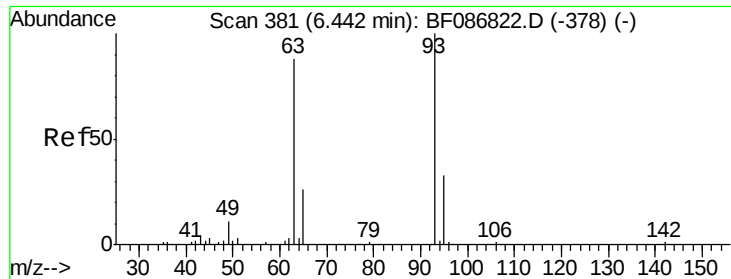


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

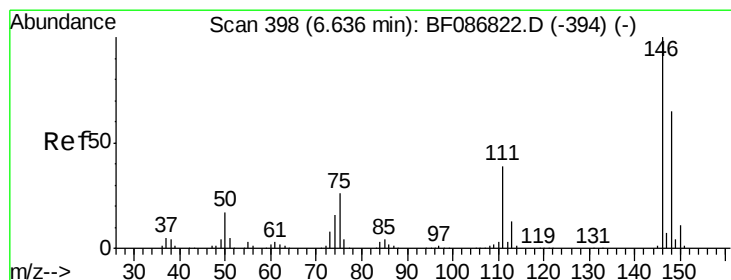
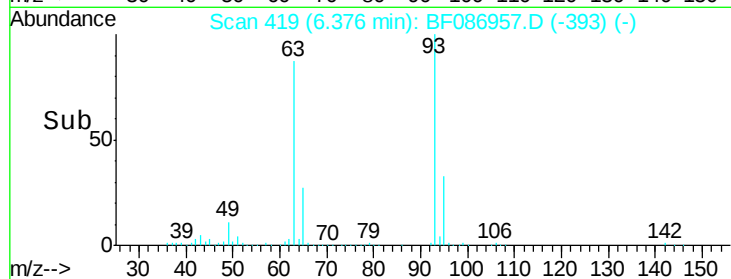
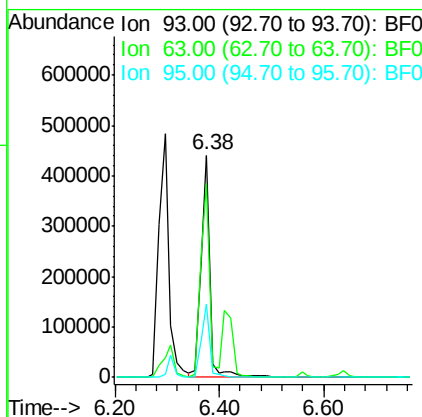
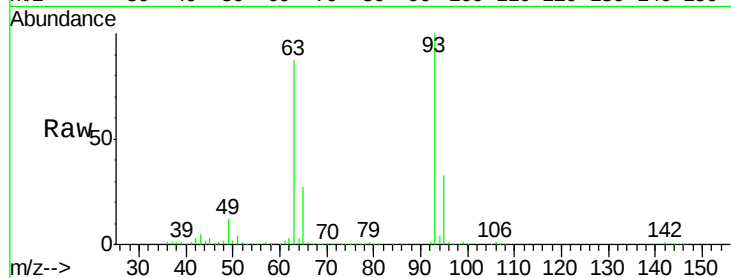




#11
 bis(2-Chloroethyl)ether
 Concen: 41.45 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

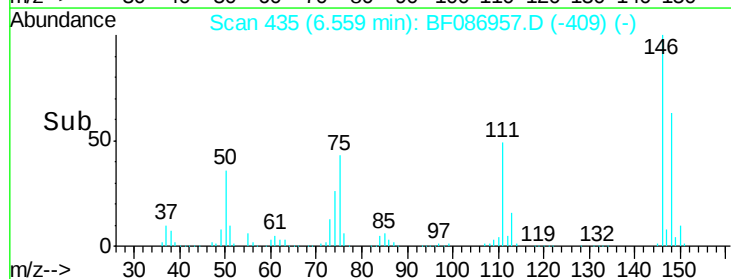
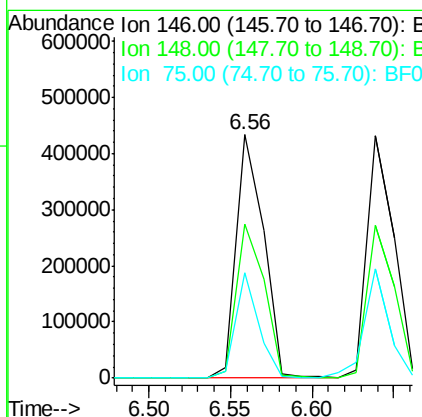
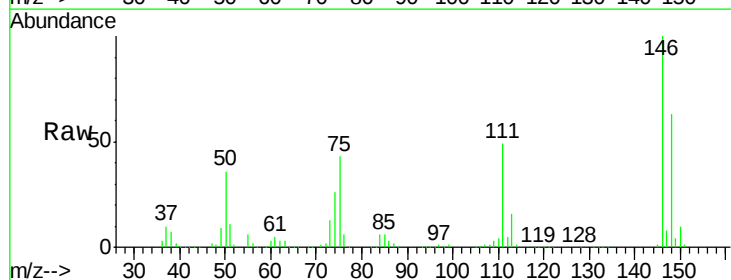
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

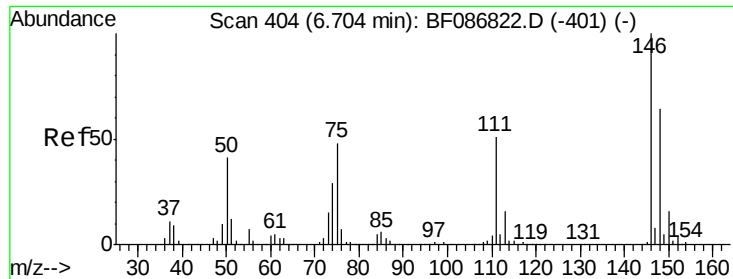
Tgt Ion: 93 Resp: 525671
 Ion Ratio Lower Upper
 93 100
 63 86.9 58.0 98.0
 95 33.2 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 37.55 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 146 Resp: 502096
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.4 78.6
 75 43.4 22.8 34.2#

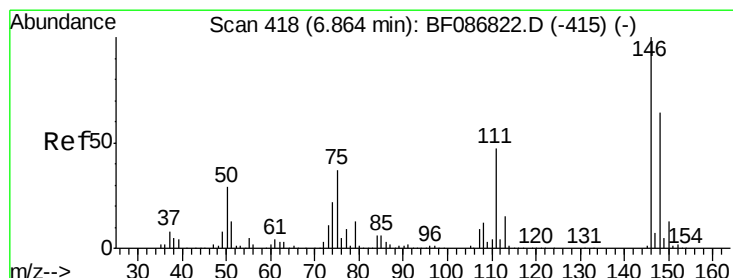
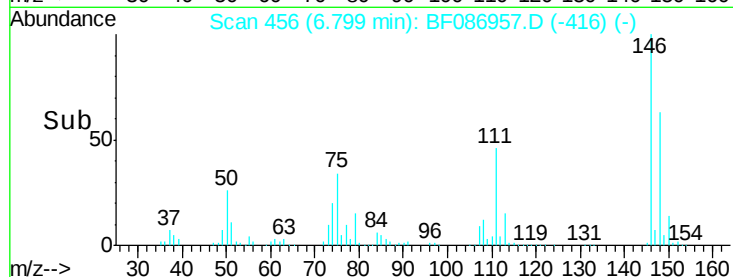
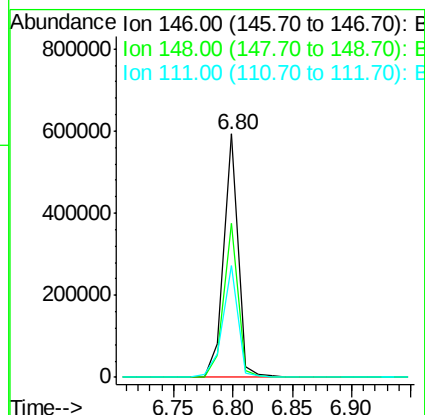
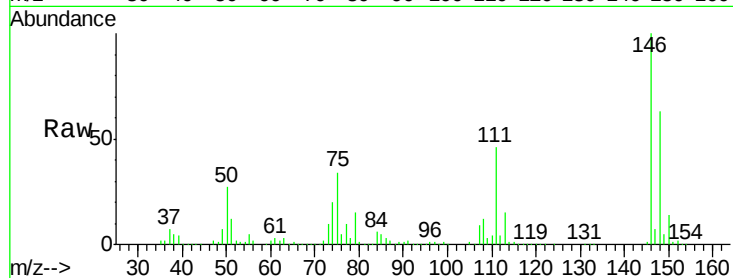




#13
 1,4-Dichlorobenzene
 Concen: 35.89 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.16 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

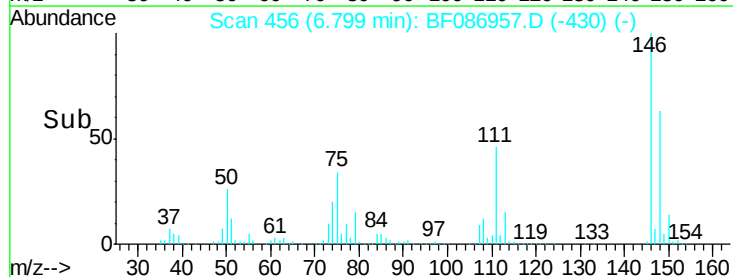
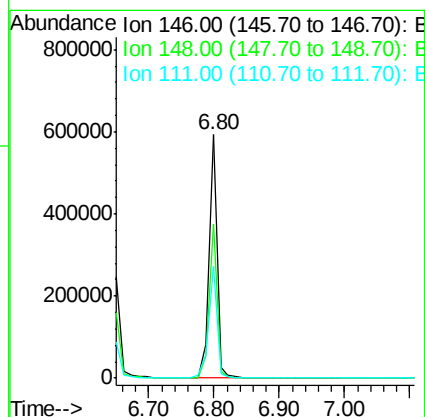
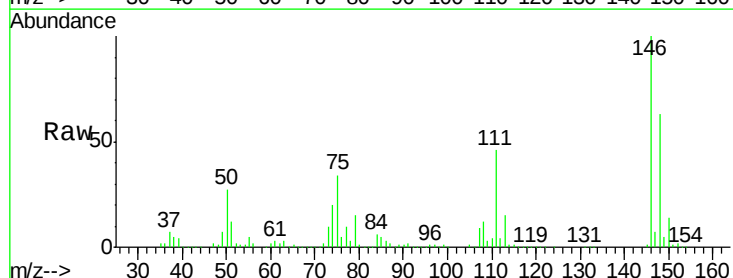
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

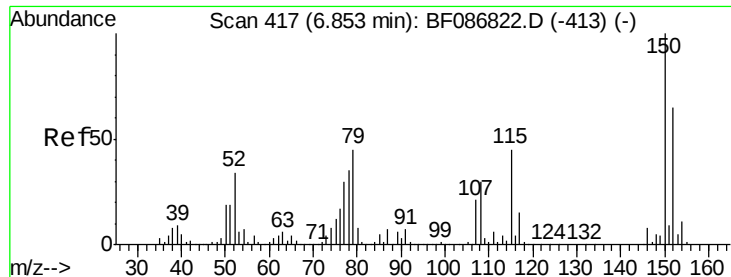
Tgt Ion:146 Resp: 489409
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.4
 111 45.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 41.81 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:146 Resp: 496838
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 45.9 36.2 54.4

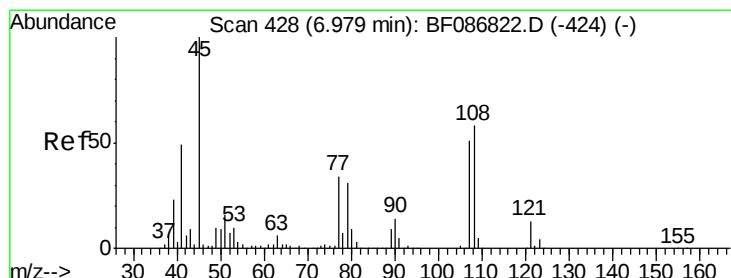
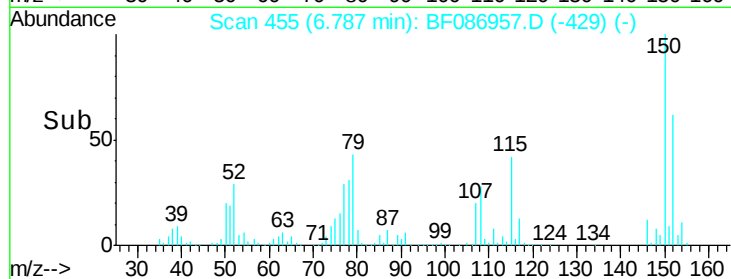
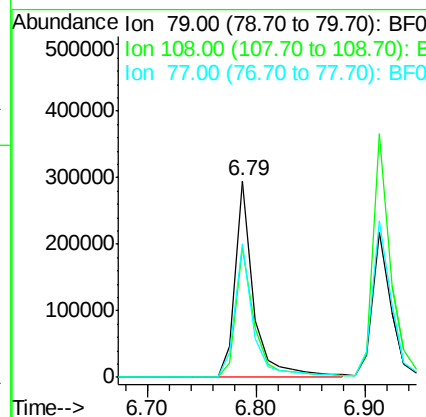
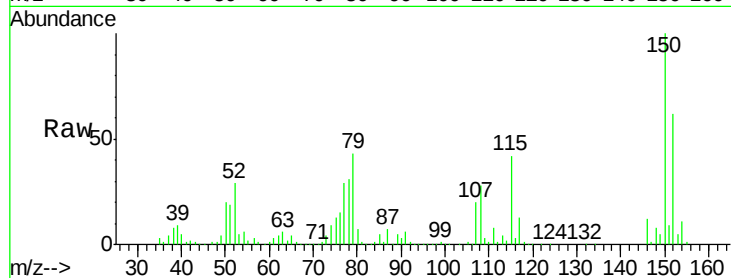




#15
Benzyl Alcohol
Concen: 36.91 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

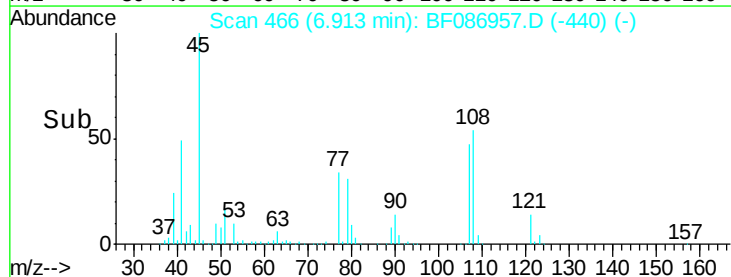
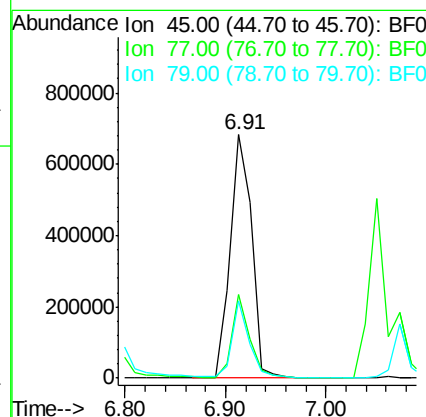
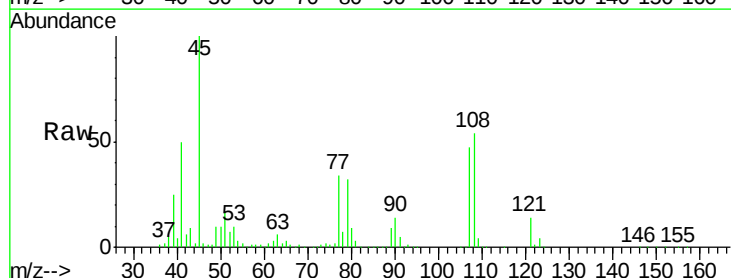
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

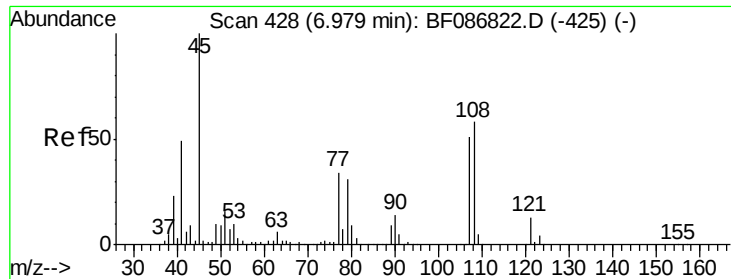
Tgt Ion: 79 Resp: 348784
Ion Ratio Lower Upper
79 100
108 66.2 68.4 102.6#
77 68.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.71 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion: 45 Resp: 1012348
Ion Ratio Lower Upper
45 100
77 34.4 0.0 36.4
79 31.9 0.0 33.4

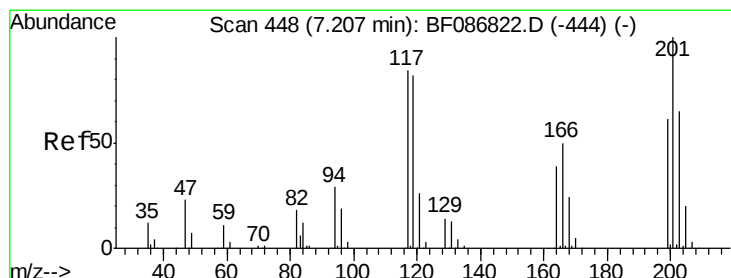
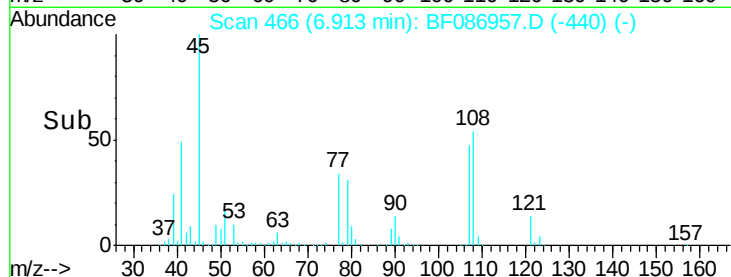
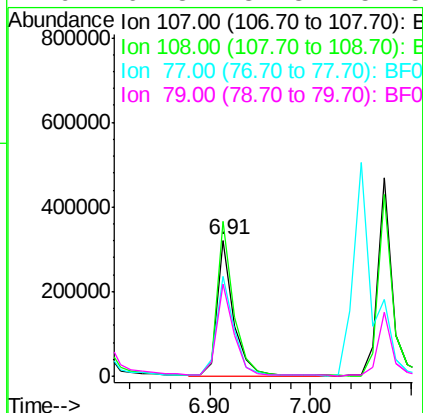
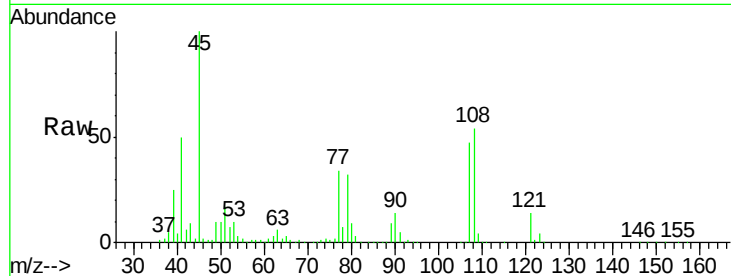




#17
2-Methylphenol
Concen: 36.70 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

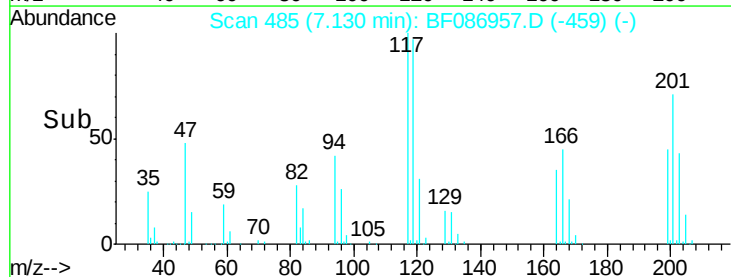
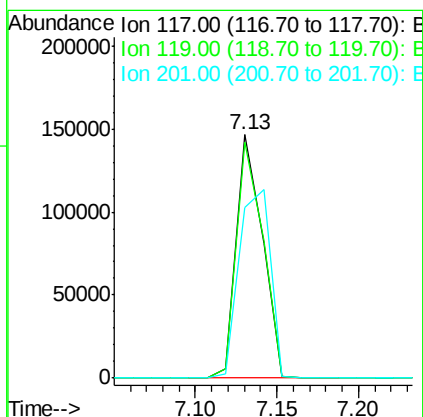
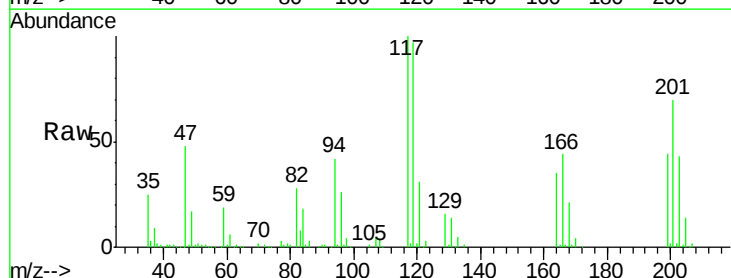
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

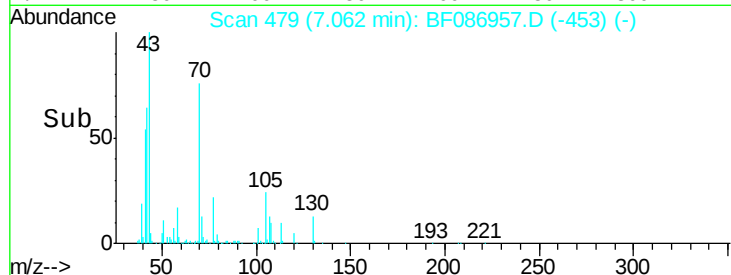
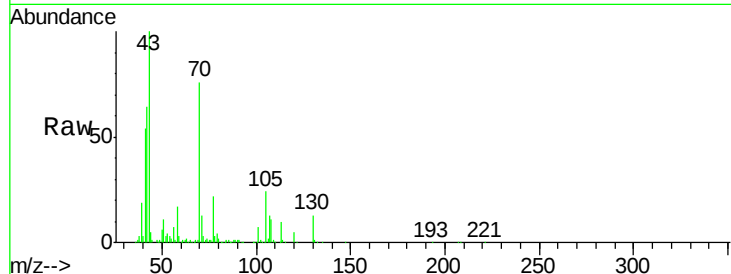
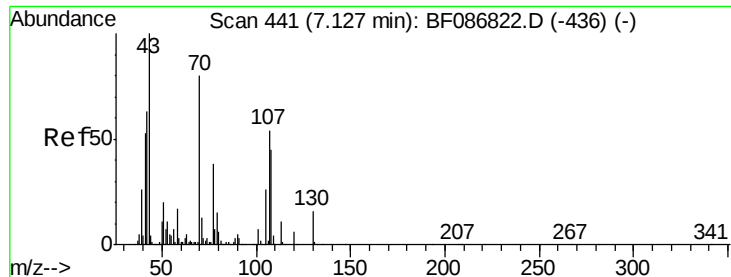
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.7	140.5
77	73.0	33.4	50.0#
79	67.8	34.3	51.5#



#18
Hexachloroethane
Concen: 31.43 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.5	114.7
201	70.3	63.0	94.6

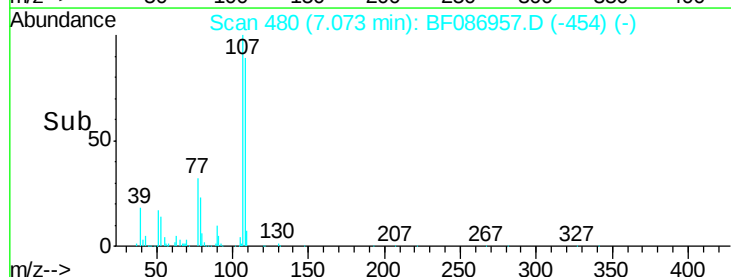
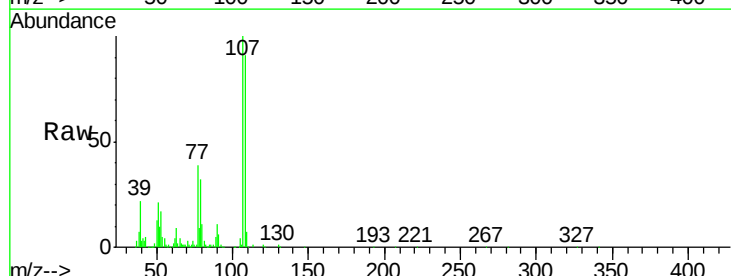
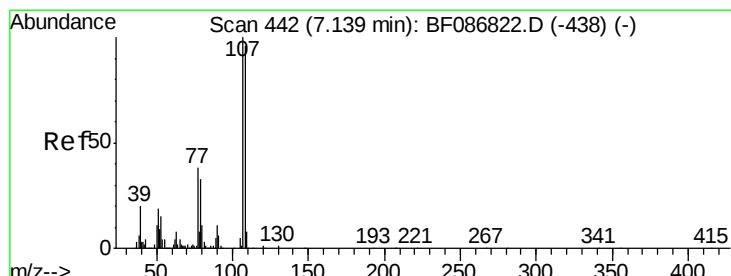
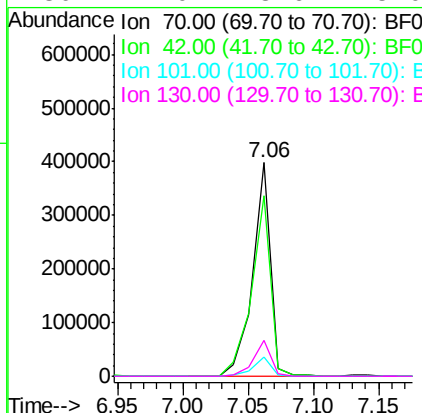




#19
n-Nitroso-di-n-propylamine
Concen: 39.71 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

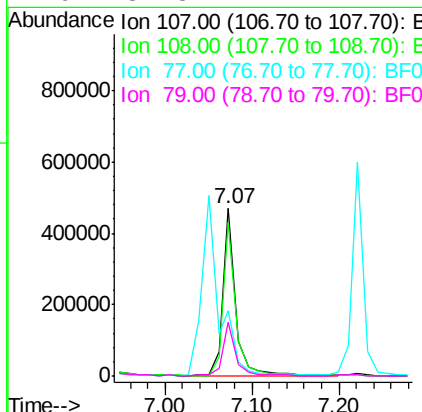
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

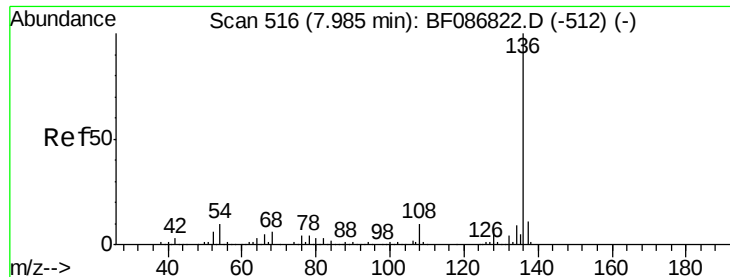
Tgt Ion	Ratio	Lower	Upper
70	100		
42	84.3	43.1	64.7#
101	8.7	8.1	12.1
130	17.0	18.6	28.0#



#20
3+4-Methylphenols
Concen: 37.27 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.5	108.5
77	38.9	101.6	141.6#
79	32.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 640550

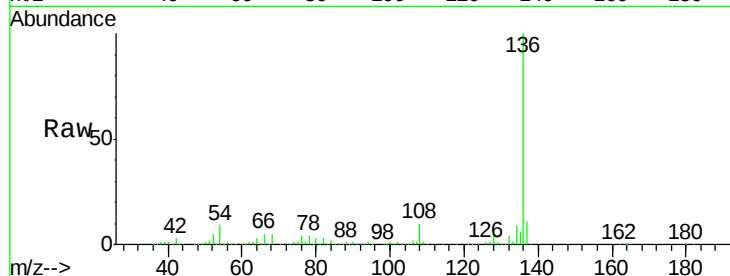
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.6 5.0 7.4#

68 4.8 4.4 6.6

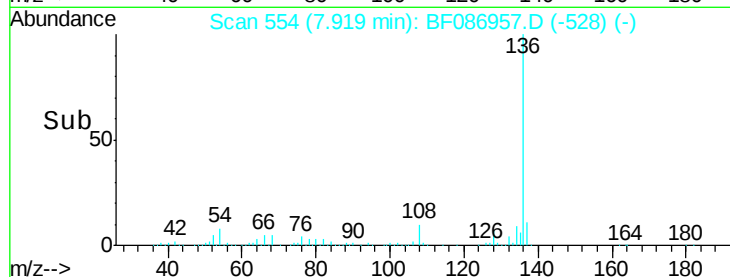


Abundance Ion 136.00 (135.70 to 136.70): E

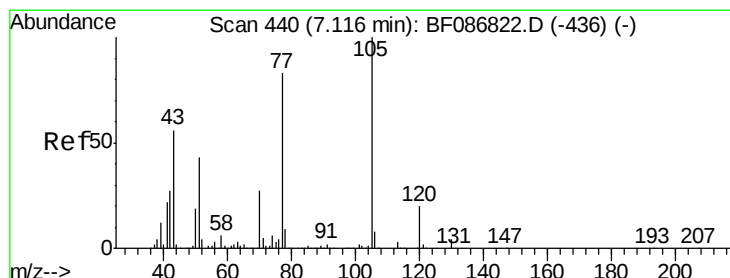
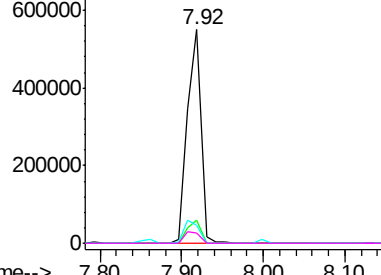
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.35 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:105 Resp: 640741

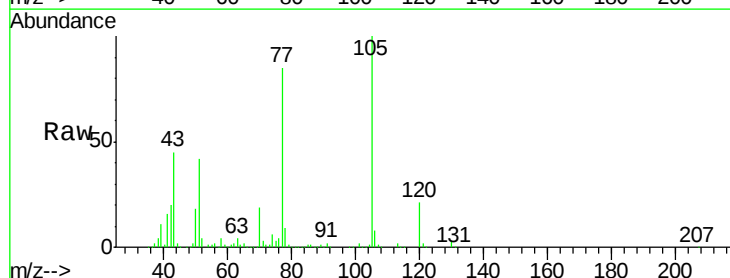
Ion Ratio Lower Upper

105 100

71 3.3 4.8 7.2#

51 41.6 32.6 49.0

120 20.8 16.5 24.7

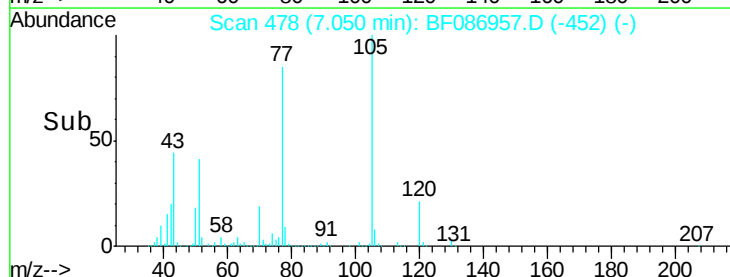


Abundance Ion 105.00 (104.70 to 105.70): E

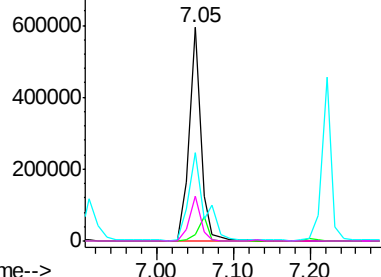
Ion 71.00 (70.70 to 71.70): BF0

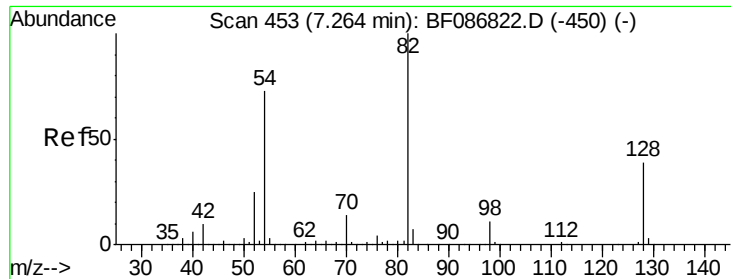
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

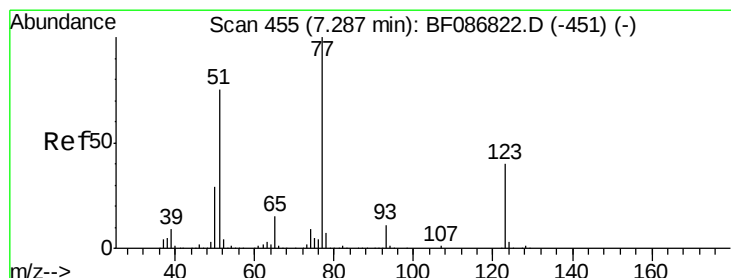
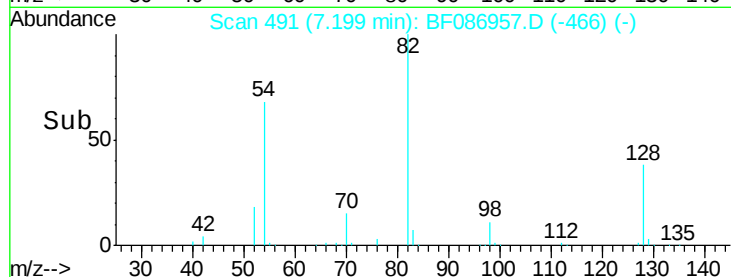
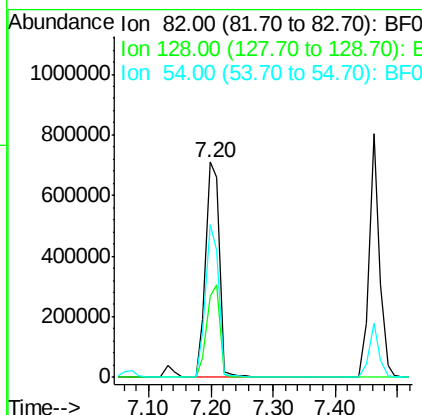
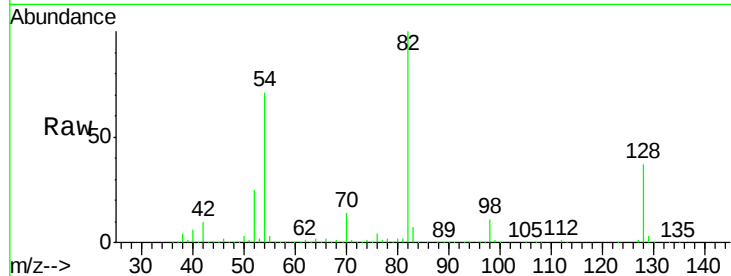




#23
 Nitrobenzene-d5
 Concen: 86.68 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

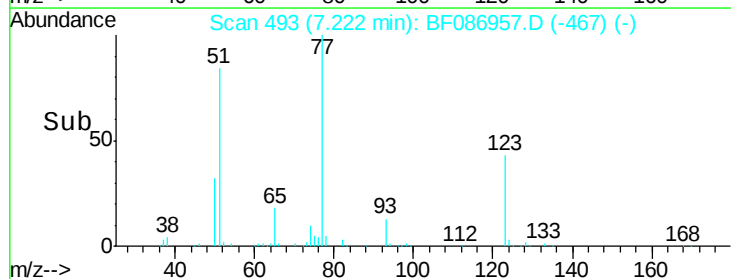
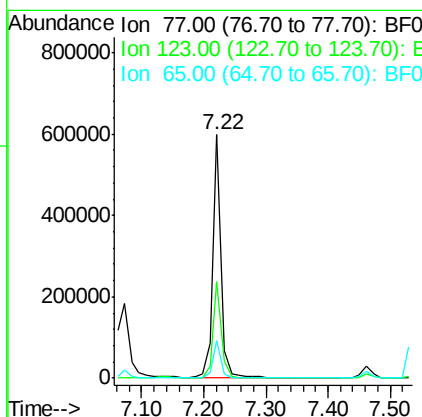
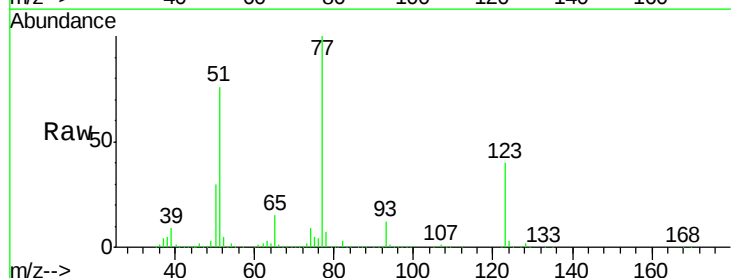
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

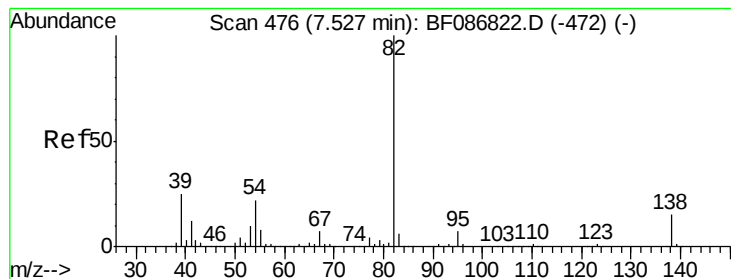
Tgt Ion: 82 Resp: 1105719
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 71.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 41.33 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 77 Resp: 542375
 Ion Ratio Lower Upper
 77 100
 123 39.8 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 38.74 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

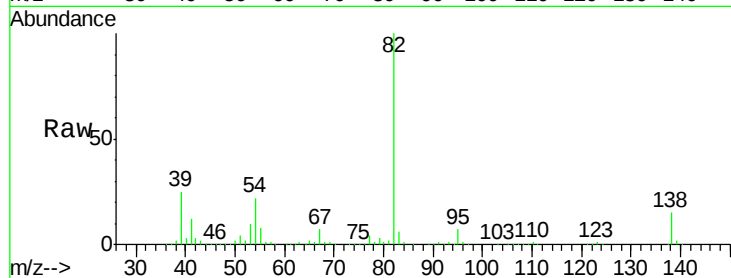
Tgt Ion: 82 Resp: 916827

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

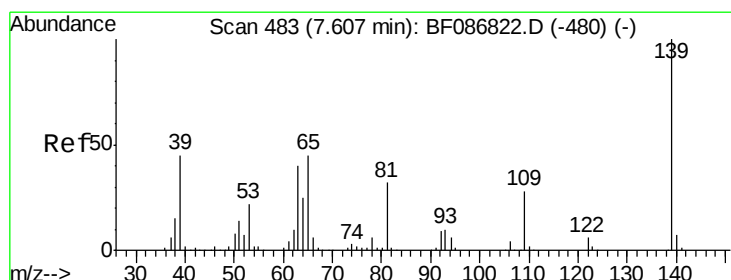
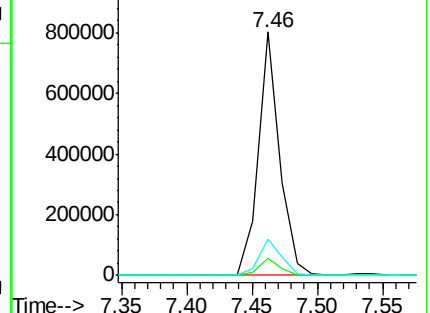
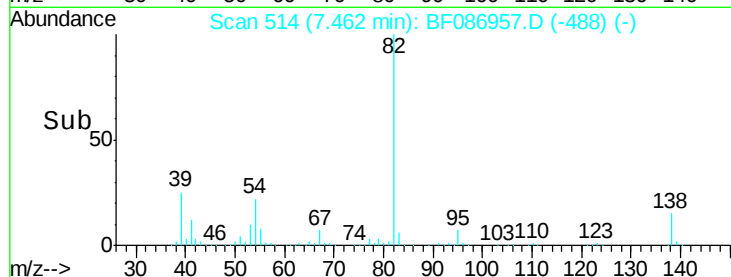
138 14.7 12.4 18.6



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: 36.09 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

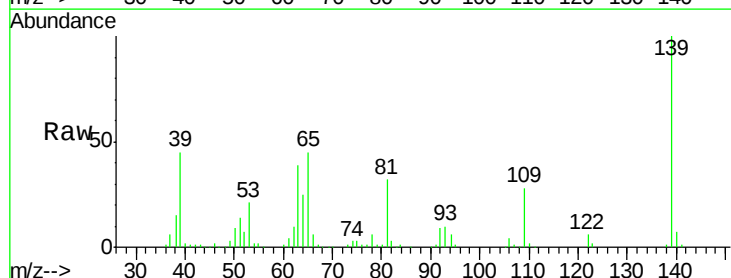
Tgt Ion: 139 Resp: 208200

Ion Ratio Lower Upper

139 100

109 27.8 19.5 29.3

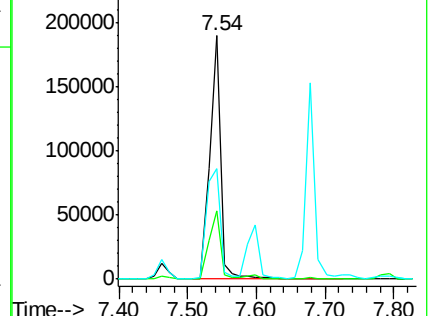
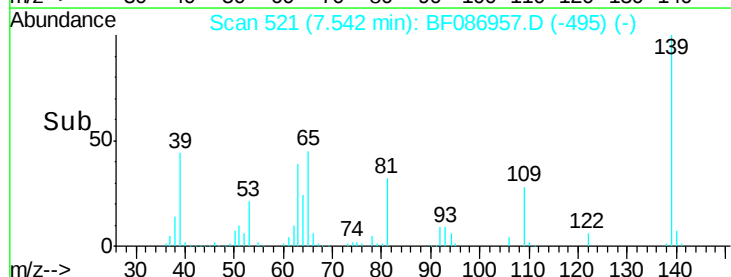
65 45.4 37.5 56.3

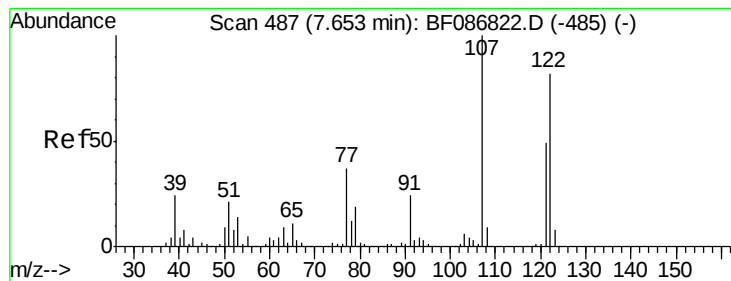


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.02 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

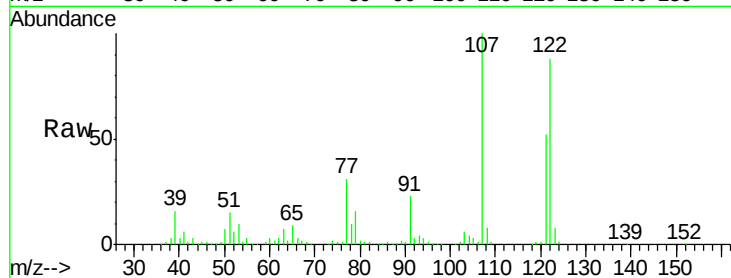
Tgt Ion:122 Resp: 412861

Ion Ratio Lower Upper

122 100

107 114.1 82.0 123.0

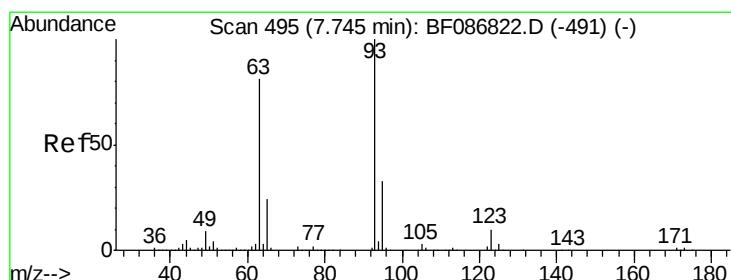
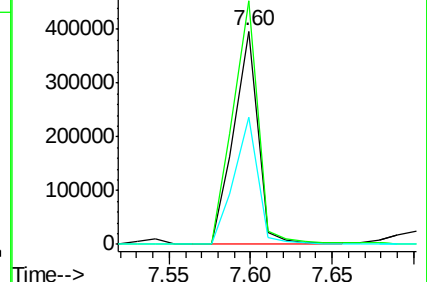
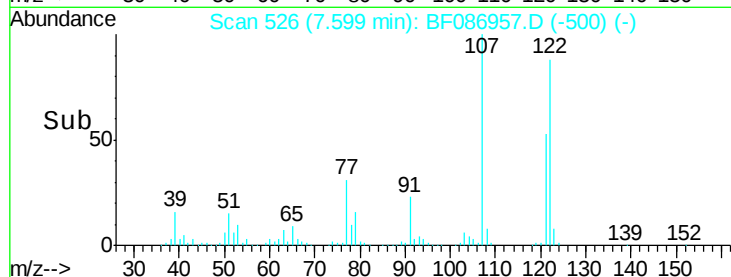
121 59.8 46.1 69.1



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: 42.21 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

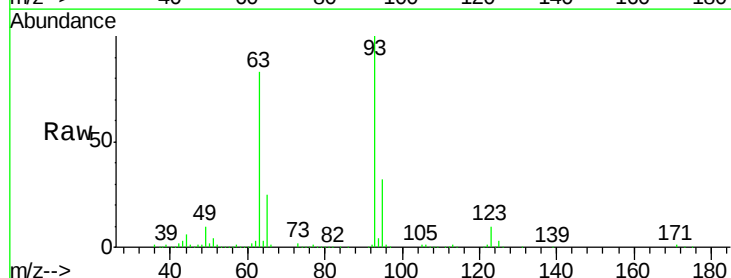
Tgt Ion: 93 Resp: 538832

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

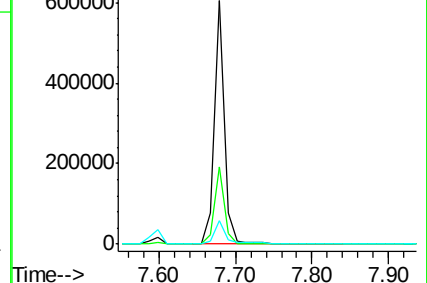
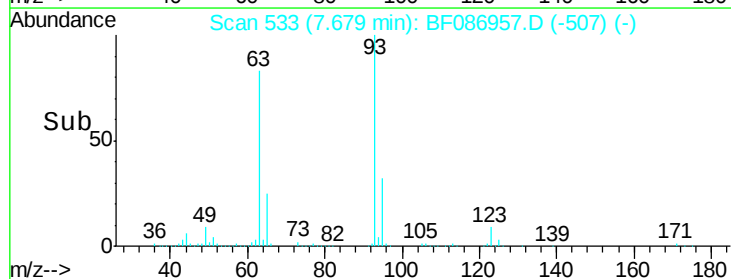
123 9.6 9.5 14.3

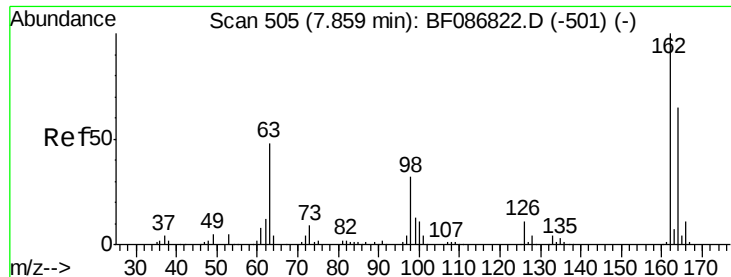


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

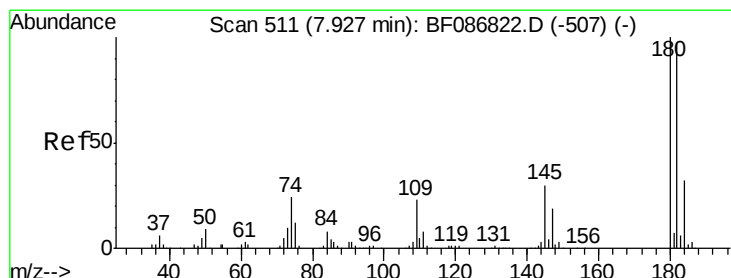
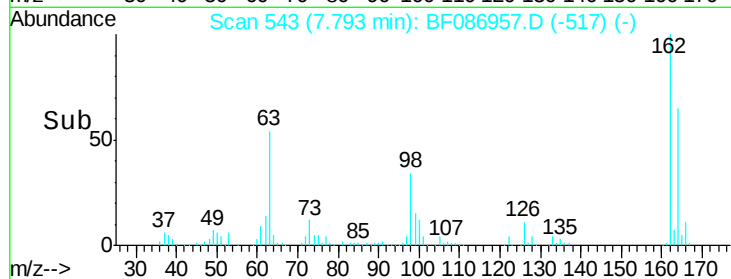
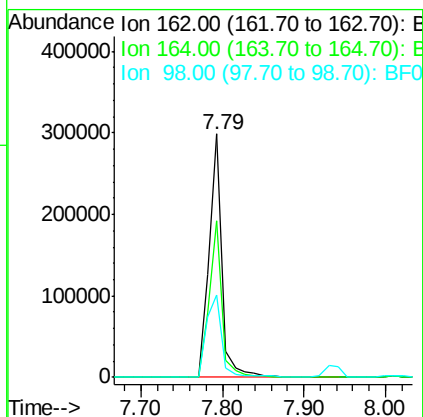
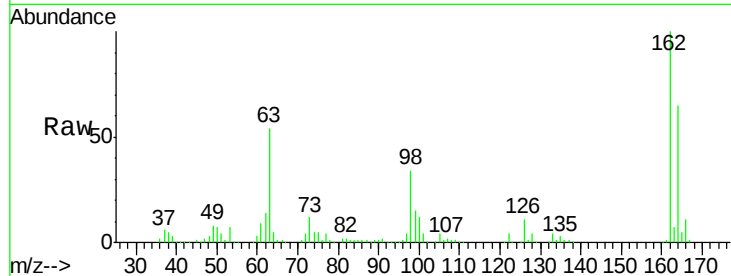




#29
 2,4-Dichlorophenol
 Concen: 38.71 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

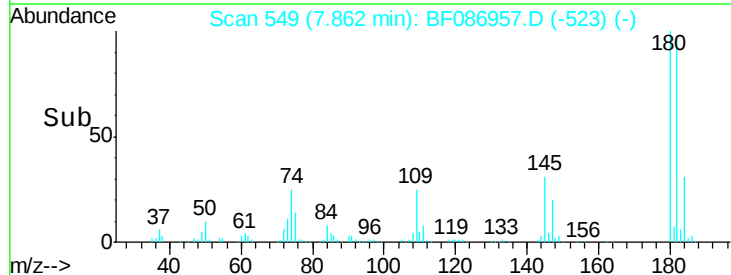
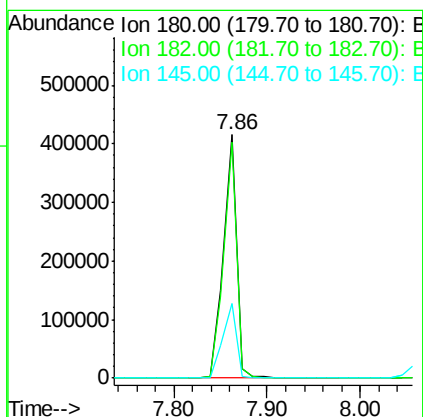
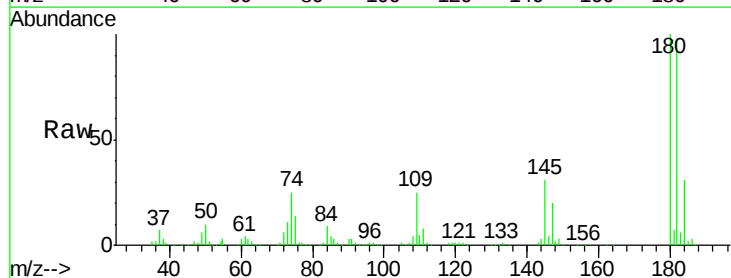
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

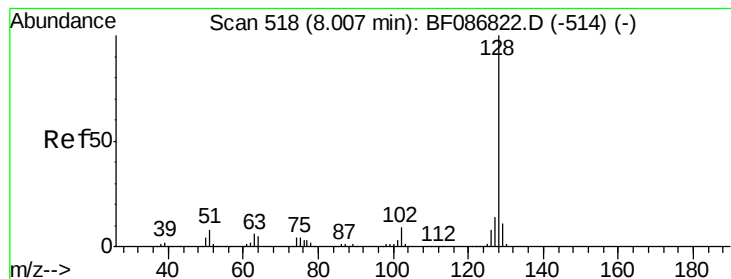
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	33.9	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.0	117.0
145	30.7	24.2	36.2





#31

Naphthalene

Concen: 38.40 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

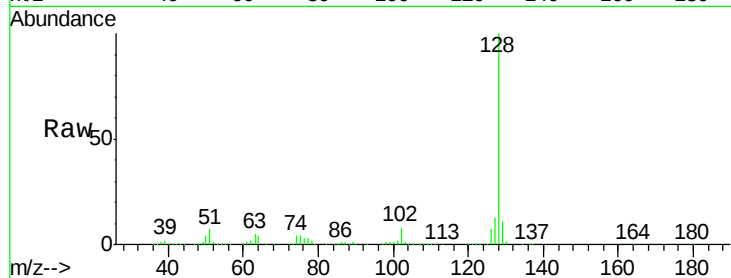
Tgt Ion:128 Resp: 1232099

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

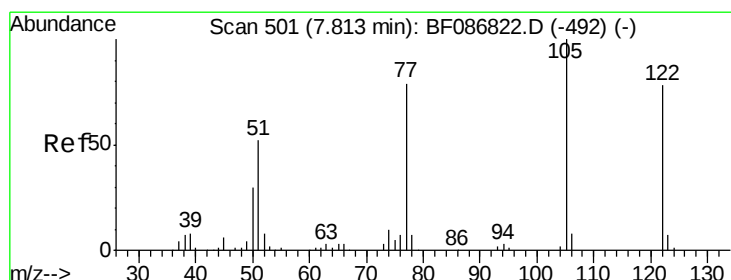
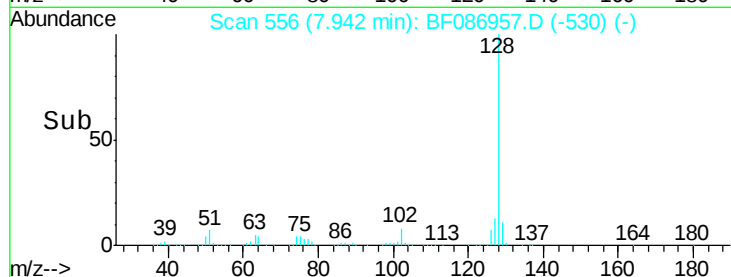
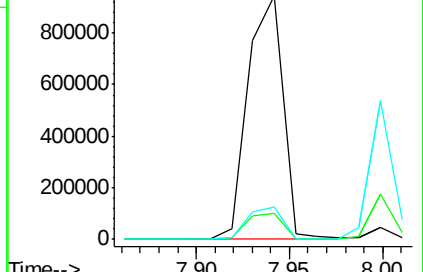
127 13.4 10.8 16.2



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: 26.34 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

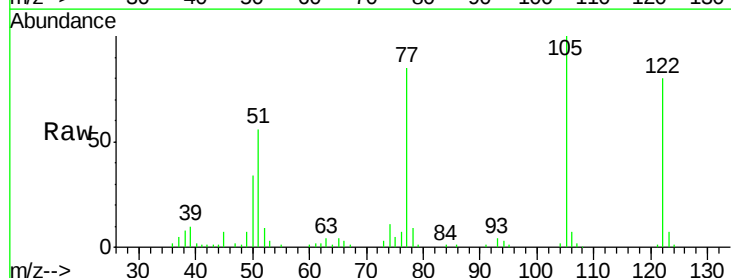
Tgt Ion:122 Resp: 152009

Ion Ratio Lower Upper

122 100

105 125.5 92.6 132.6

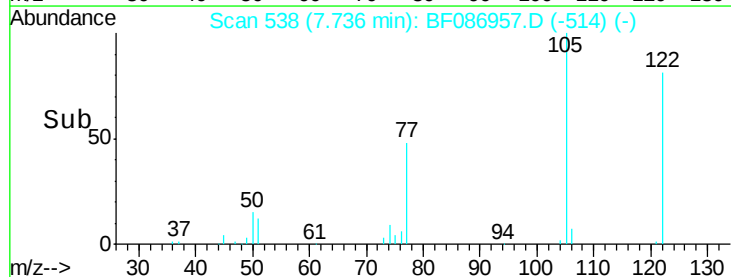
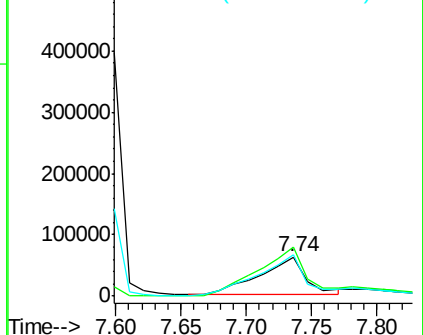
77 106.4 60.0 100.0#

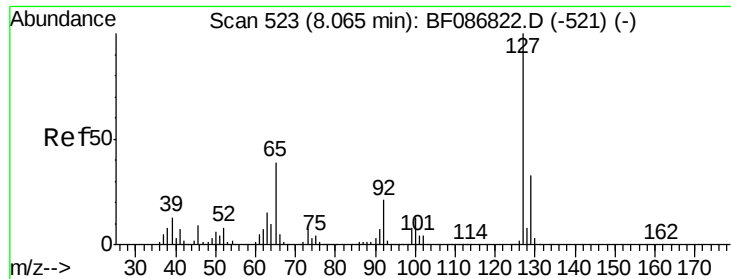


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

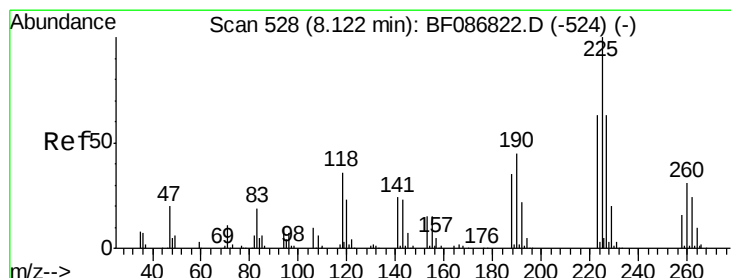
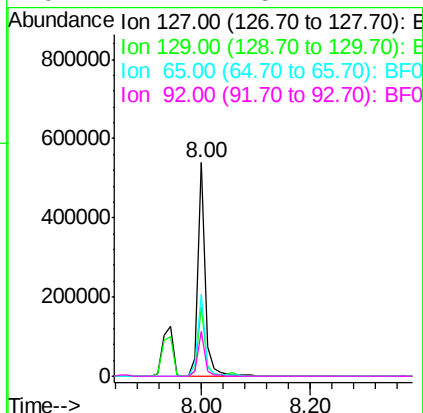
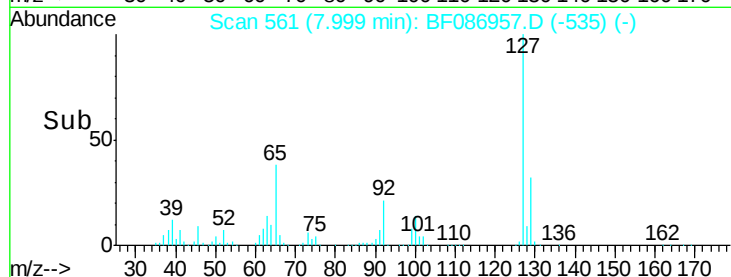
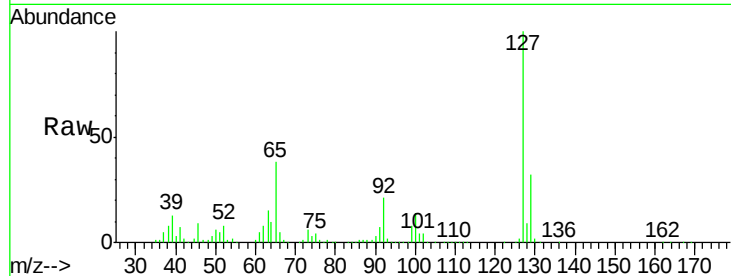




#33
4-Chloroaniline
Concen: 39.44 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

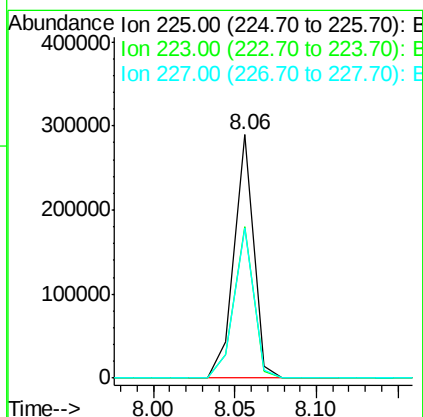
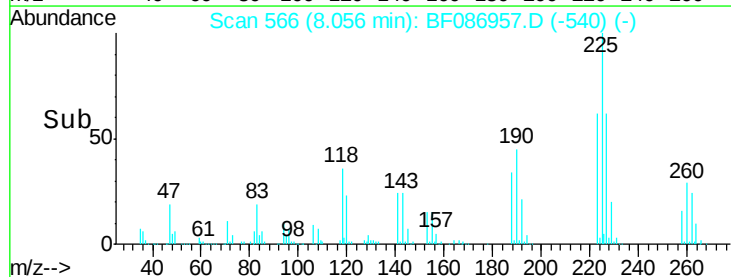
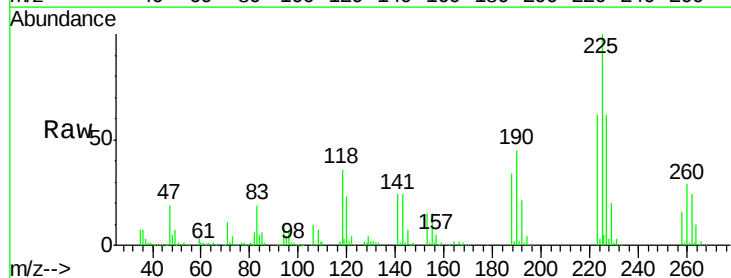
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

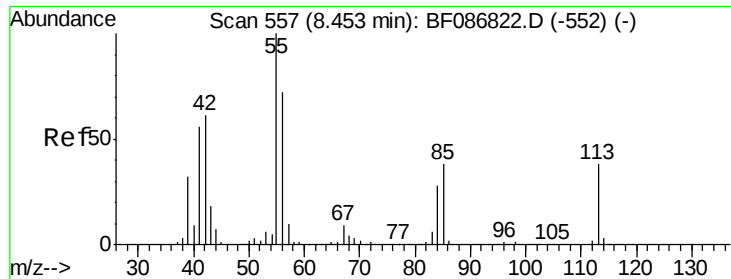
Tgt Ion:	127	Resp:	491654
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	38.4	23.0	34.4#
92	21.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 42.52 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion:	225	Resp:	238589
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.5	77.3
227	61.7	52.2	78.2

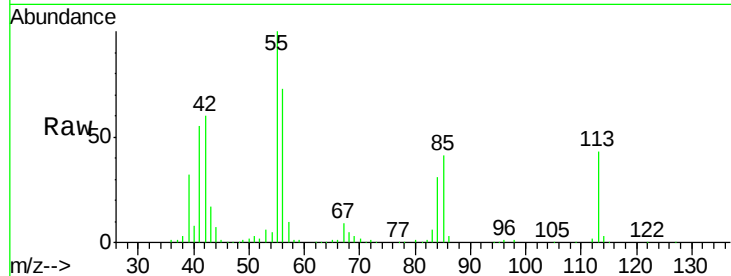




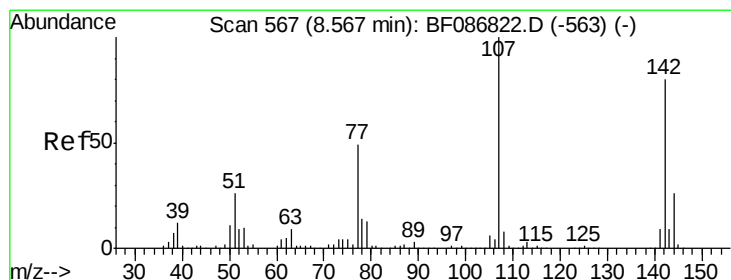
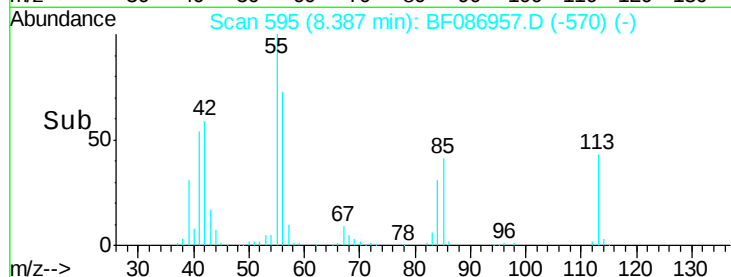
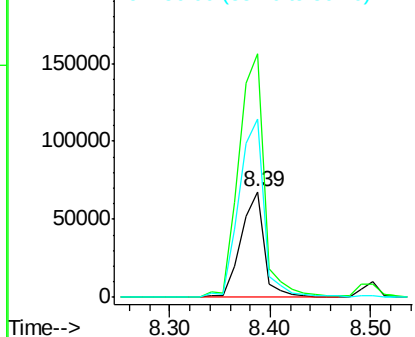
#35
 Caprolactam
 Concen: 36.83 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 108384
 Ion Ratio Lower Upper
 113 100
 55 231.0 162.0 202.0#
 56 169.4 115.3 155.3#

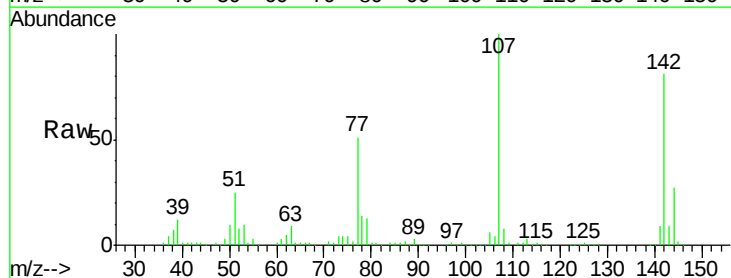


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

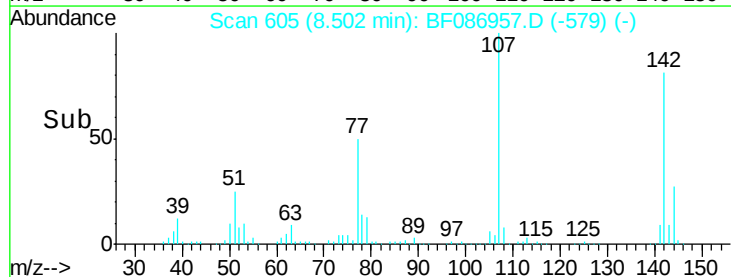
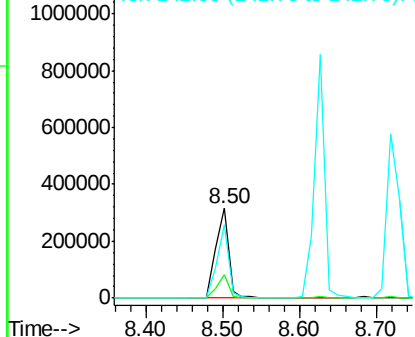


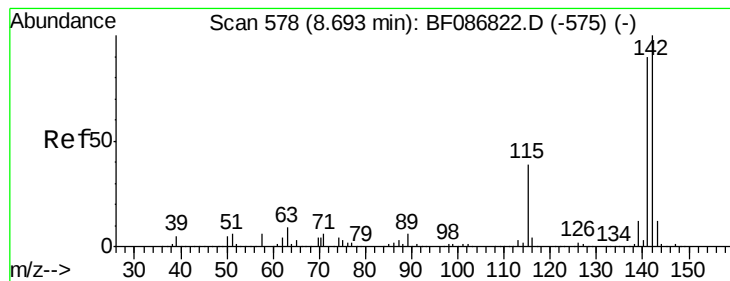
#36
 4-Chloro-3-methylphenol
 Concen: 35.59 ng
 RT: 8.50 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:107 Resp: 373288
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.7 31.1
 142 81.0 63.2 94.8



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





#37

2-Methylnaphthalene

Concen: 40.95 ng

RT: 8.63 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

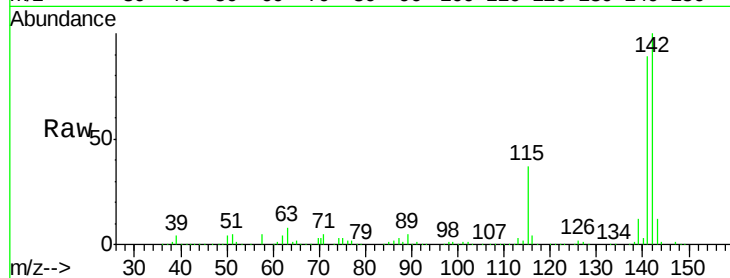
Tgt Ion:142 Resp: 768138

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

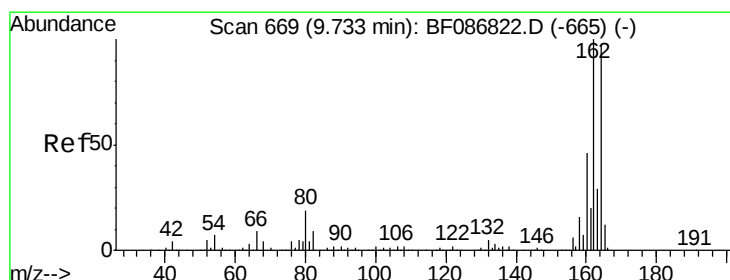
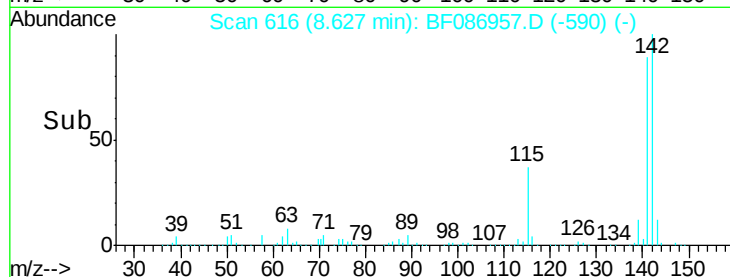
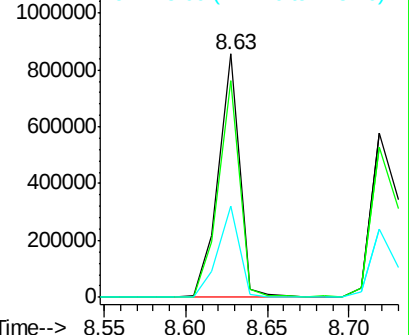
115 37.4 26.6 39.8



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: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

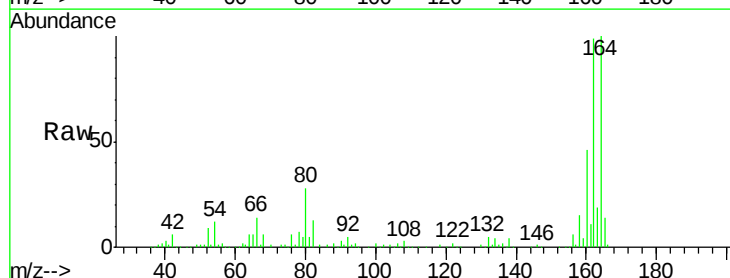
Tgt Ion:164 Resp: 242271

Ion Ratio Lower Upper

164 100

162 99.1 82.8 124.2

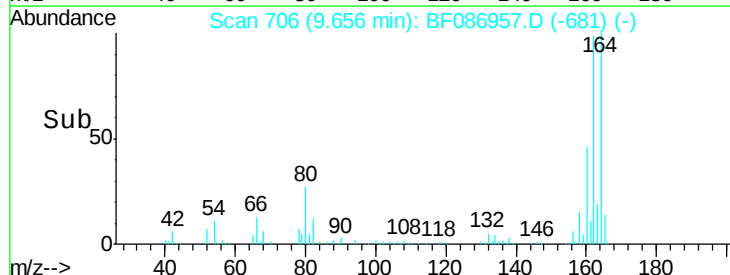
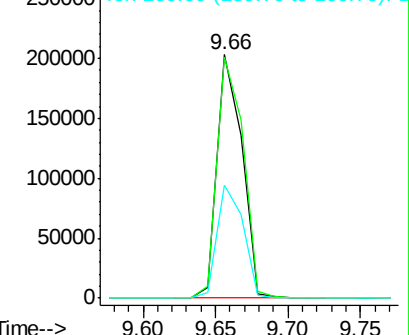
160 46.4 36.9 55.3

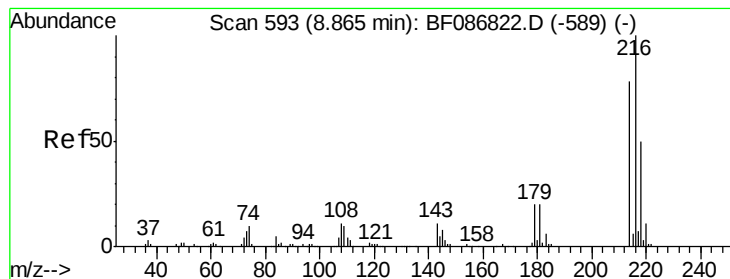


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.02 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 317139

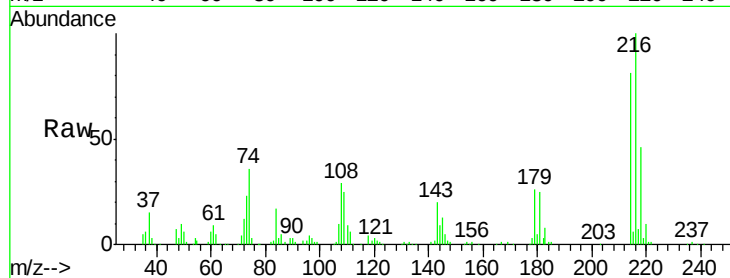
Ion Ratio Lower Upper

216 100

214 78.1 62.6 93.8

179 22.6 18.2 27.4

108 21.3 17.5 26.3

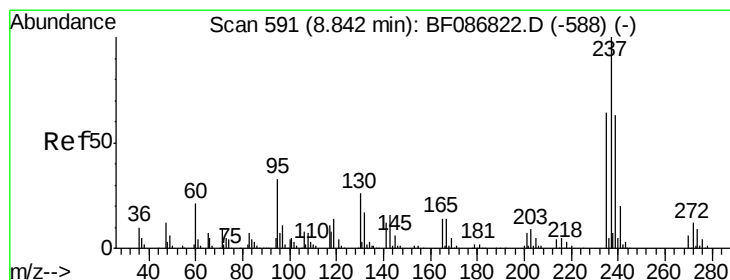
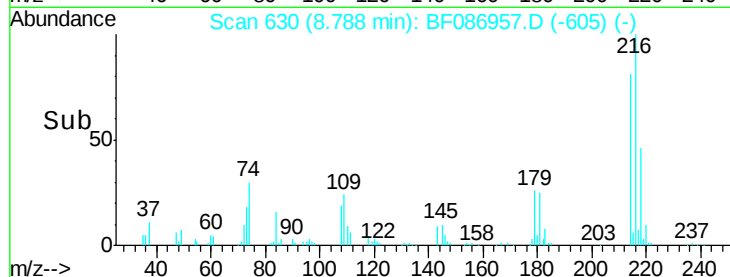
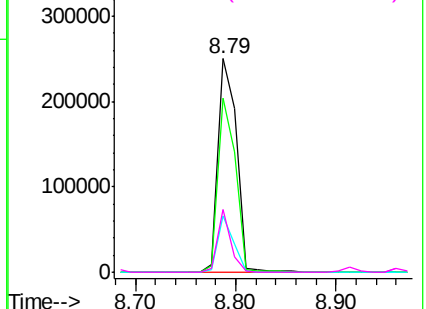


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.03 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

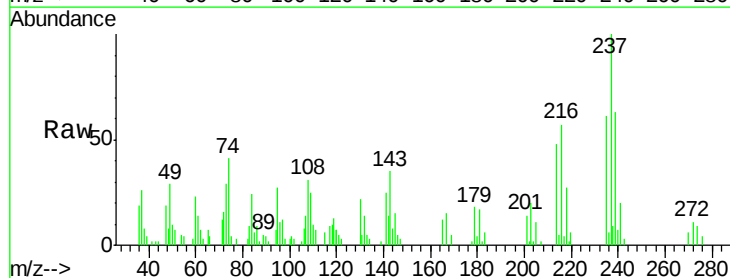
Tgt Ion:237 Resp: 13486

Ion Ratio Lower Upper

237 100

235 60.8 47.2 87.2

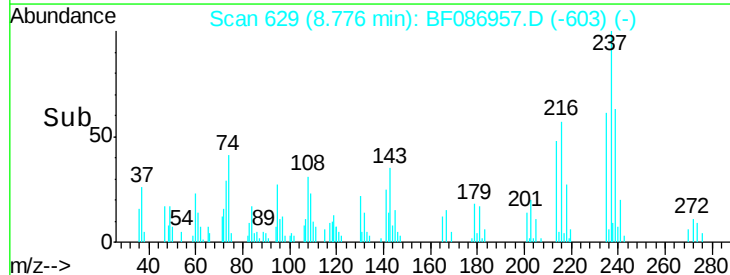
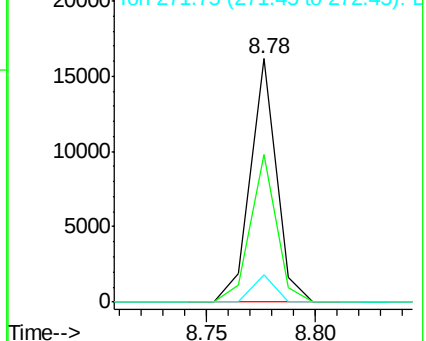
272 11.4 0.0 31.1

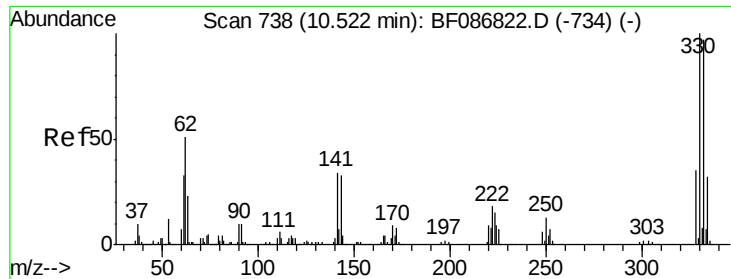


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

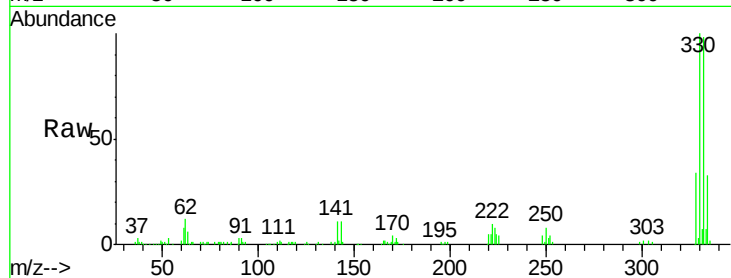




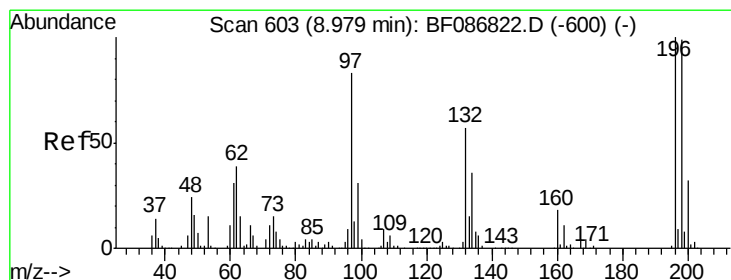
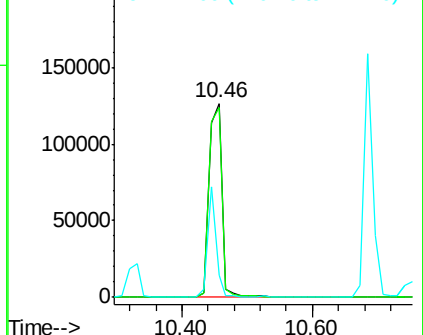
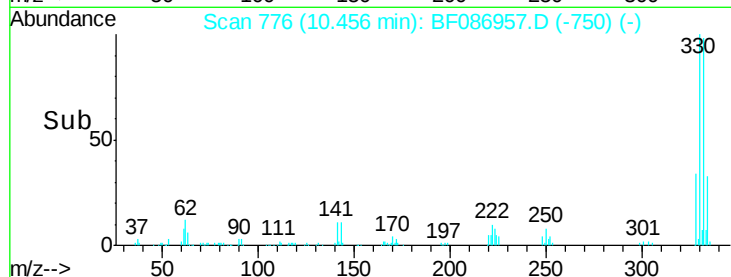
#41
 2,4,6-Tribromophenol
 Concen: 69.35 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 177879
 Ion Ratio Lower Upper
 330 100
 332 98.2 79.0 118.4
 141 36.9 31.2 46.8

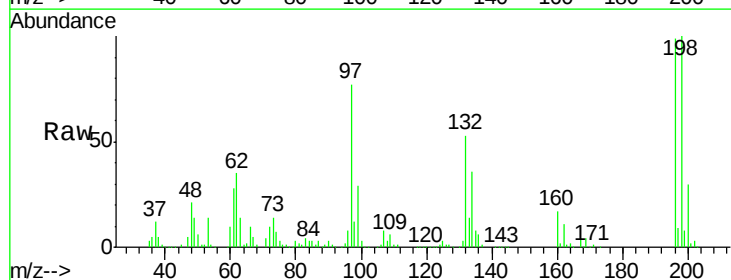


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

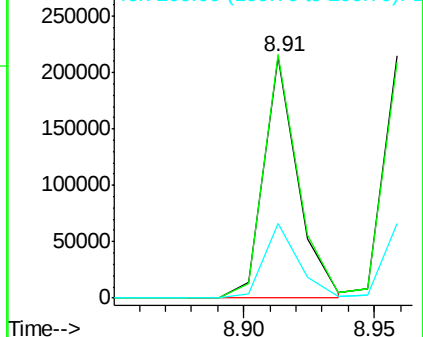
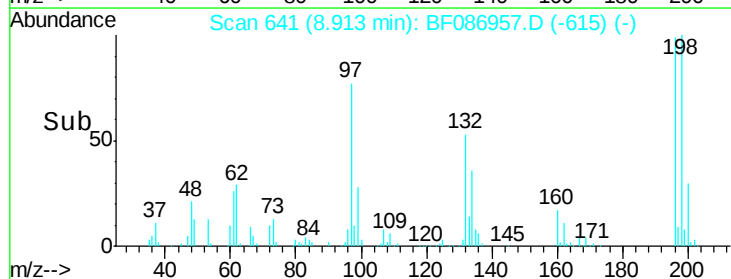


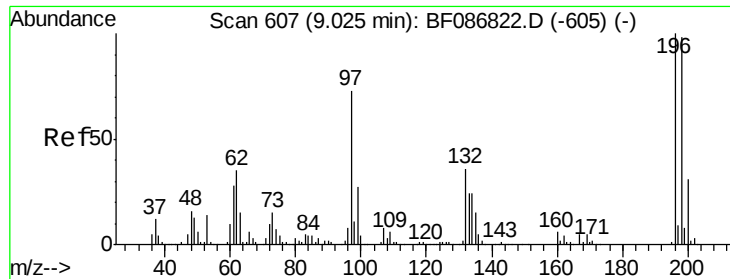
#42
 2,4,6-Trichlorophenol
 Concen: 41.52 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:196 Resp: 195587
 Ion Ratio Lower Upper
 196 100
 198 100.9 74.7 112.1
 200 30.7 23.8 35.6



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

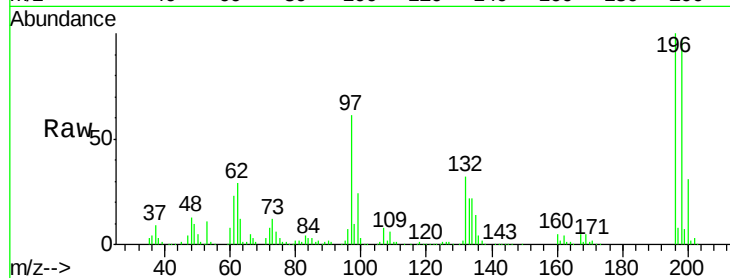




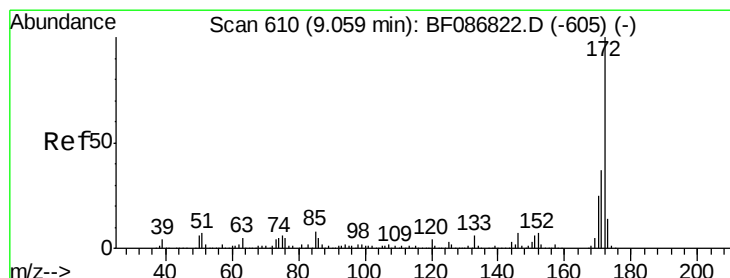
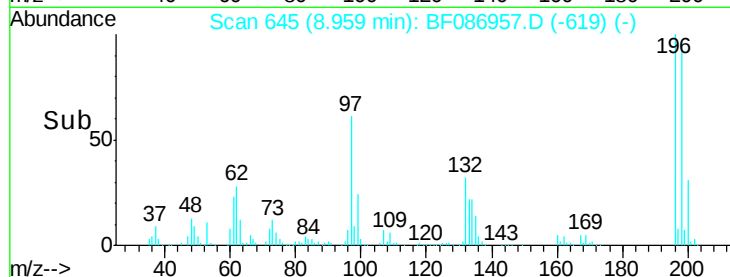
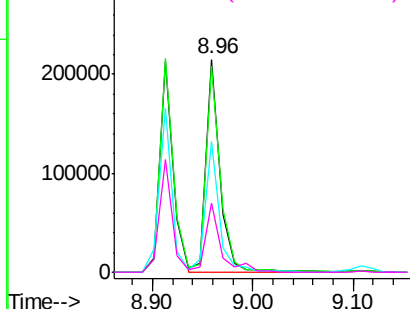
#43
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 205258
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.5 116.3
 97 61.2 34.8 52.2#
 132 32.3 23.0 34.4

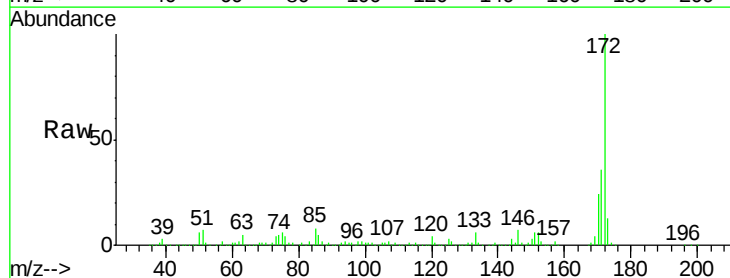


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

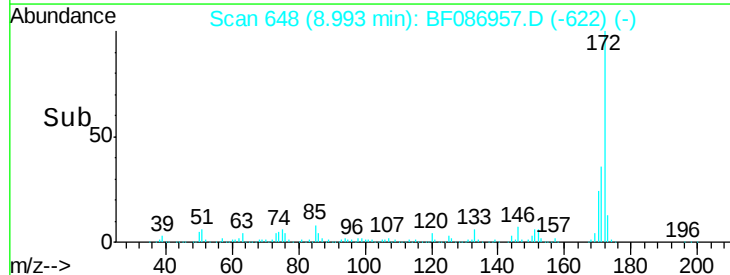
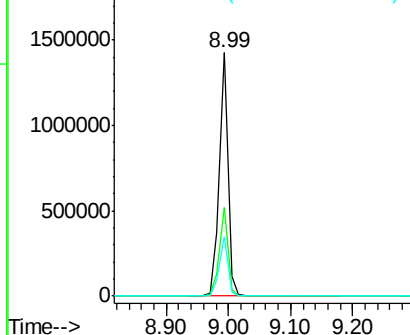


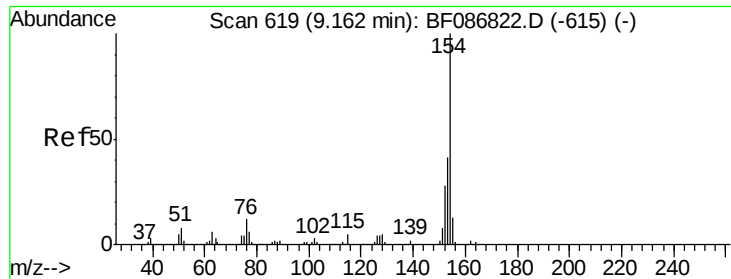
#44
 2-Fluorobiphenyl
 Concen: 93.02 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:172 Resp: 1340918
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.2 19.8 29.8



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

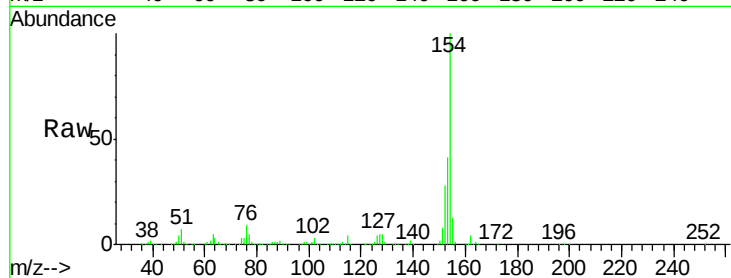




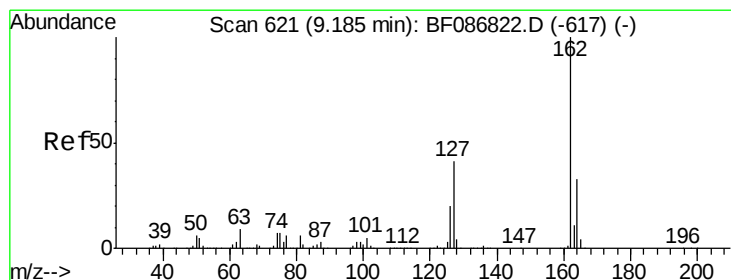
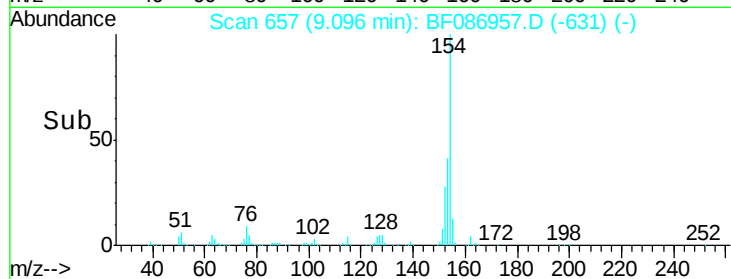
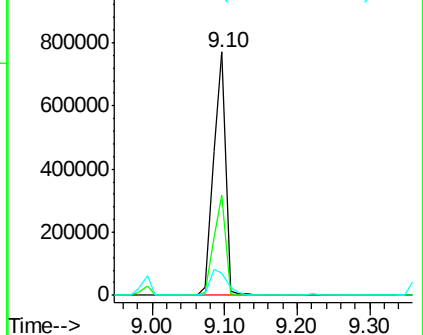
#45
 1,1'-Biphenyl
 Concen: 45.79 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:154 Resp: 882346
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.3 60.3
 76 9.3 0.0 30.2

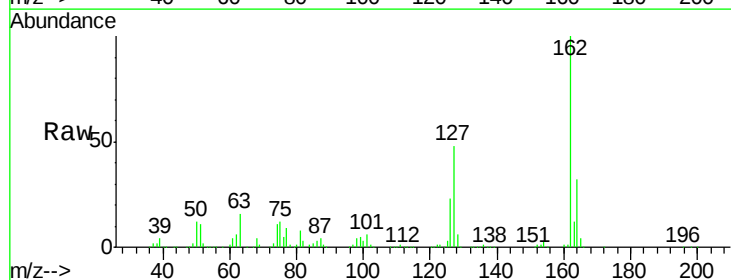


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

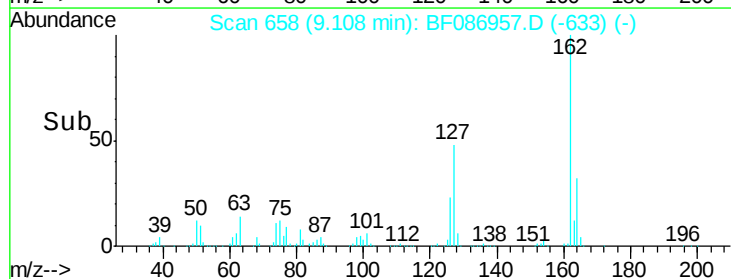
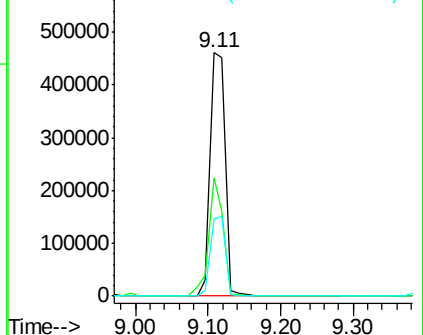


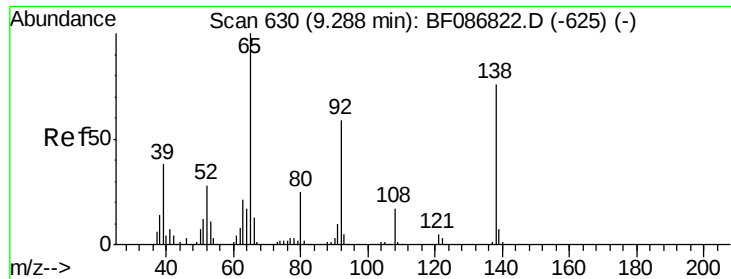
#46
 2-Chloronaphthalene
 Concen: 43.92 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:162 Resp: 663085
 Ion Ratio Lower Upper
 162 100
 127 48.4 31.8 47.6#
 164 31.9 27.0 40.6



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

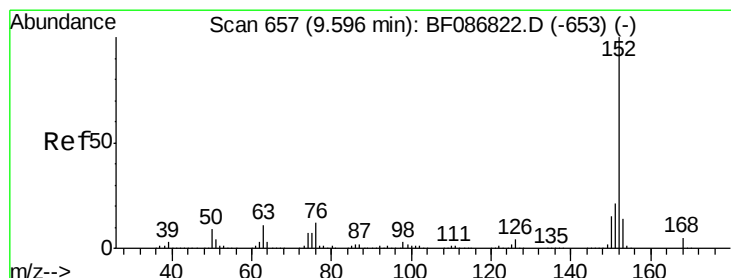
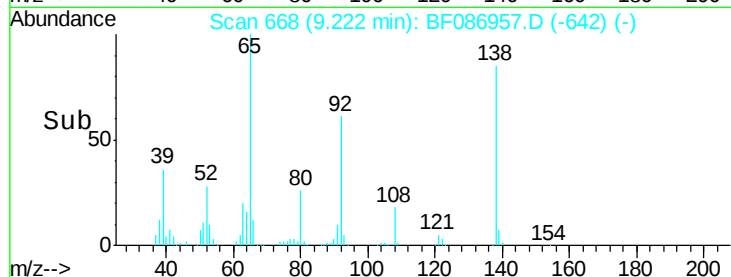
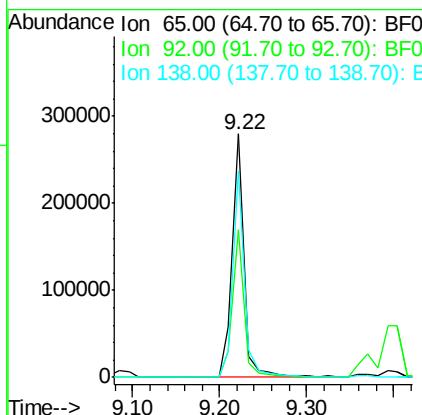
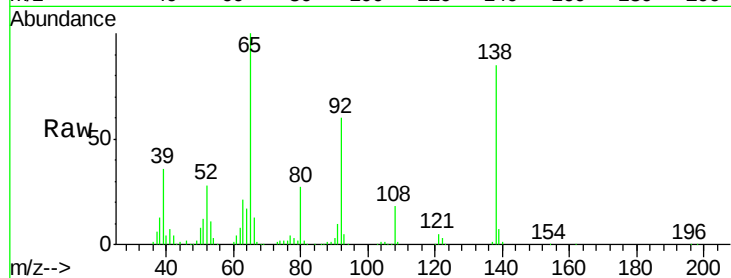




#47
 2-Nitroaniline
 Concen: 48.22 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

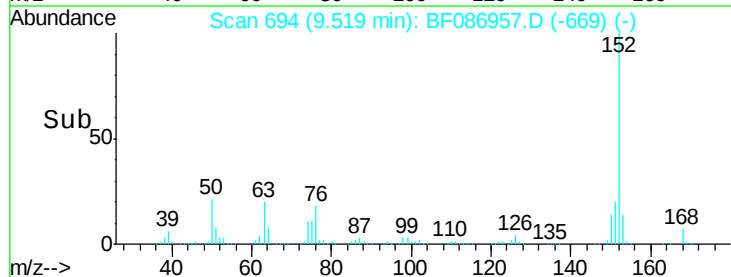
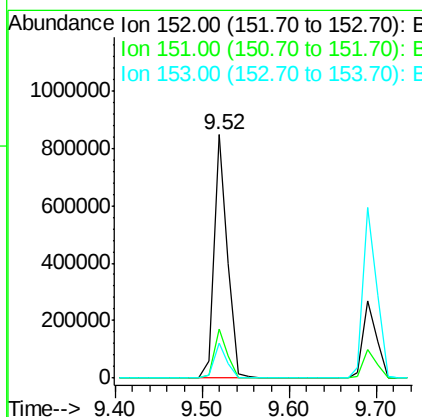
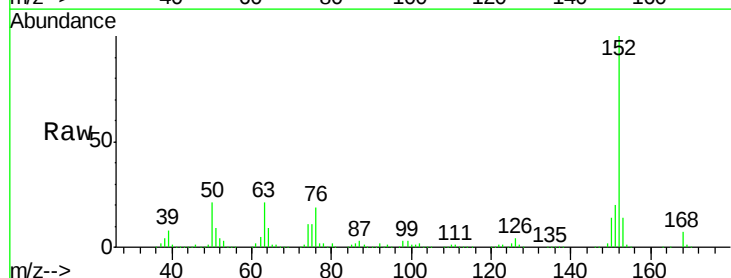
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

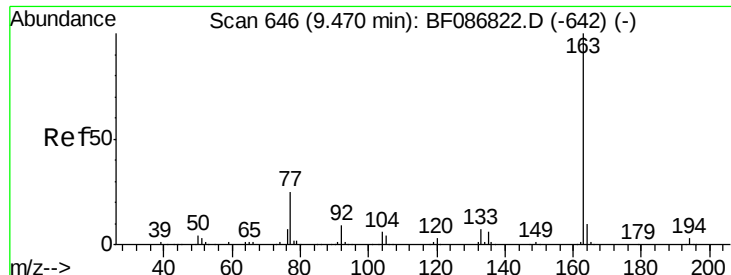
Tgt Ion: 65 Resp: 266060
 Ion Ratio Lower Upper
 65 100
 92 60.4 57.4 86.2
 138 84.8 90.1 135.1#



#48
 Acenaphthylene
 Concen: 41.30 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 152 Resp: 917216
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 14.2 10.9 16.3

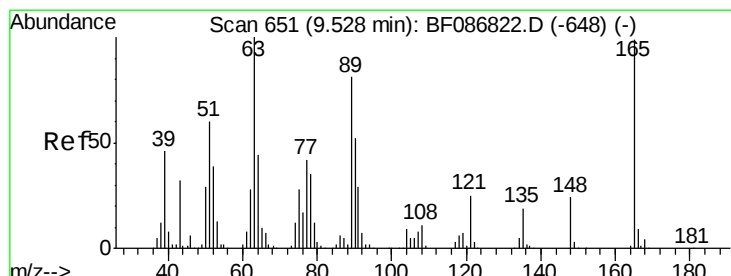
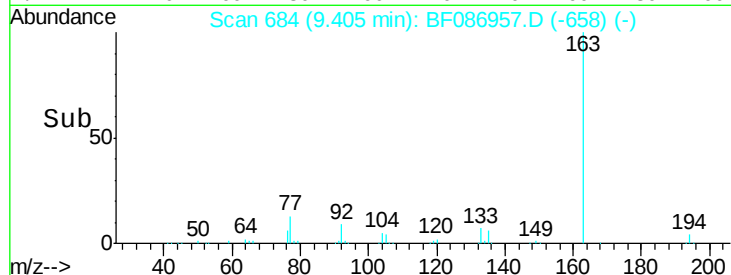
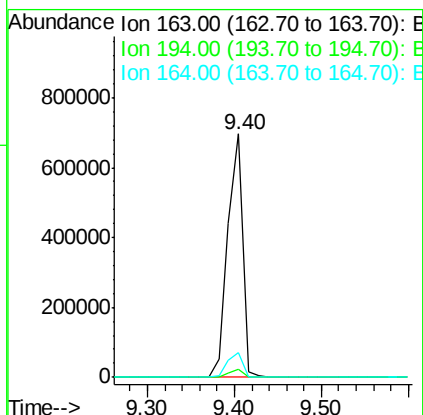
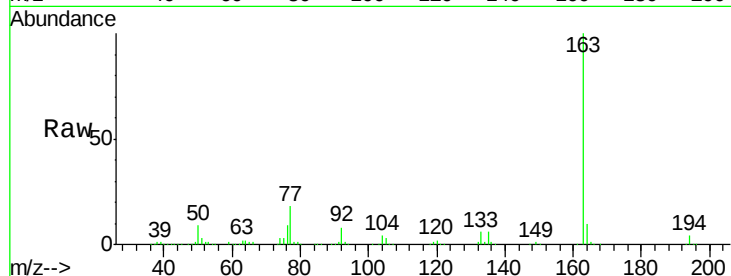




#49
Dimethylphthalate
Concen: 45.22 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

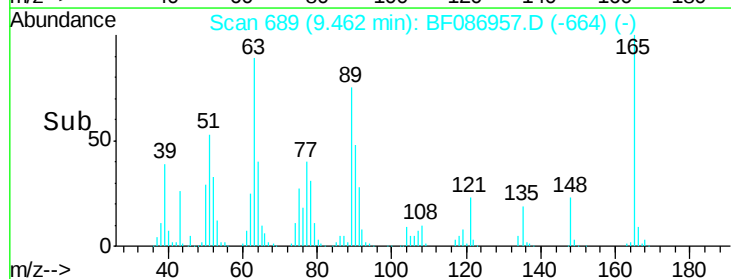
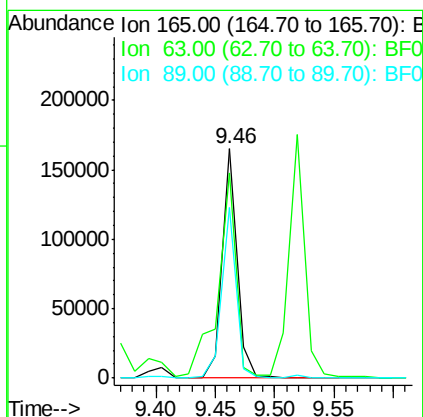
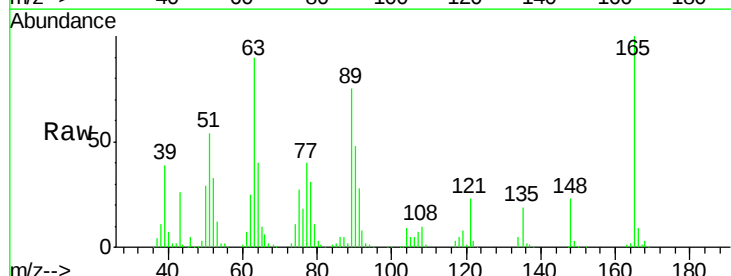
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

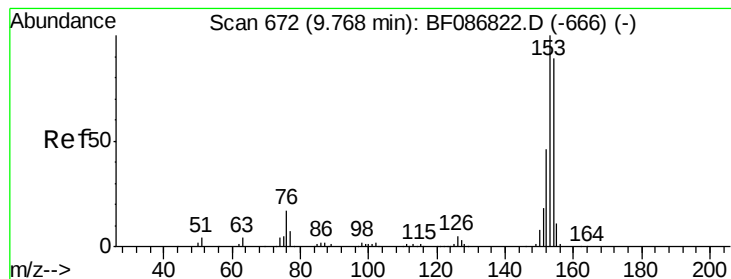
Tgt Ion:163 Resp: 835839
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 36.60 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion:165 Resp: 142358
Ion Ratio Lower Upper
165 100
63 89.6 51.8 77.8#
89 74.6 50.7 76.1





#51

Acenaphthene

Concen: 40.23 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

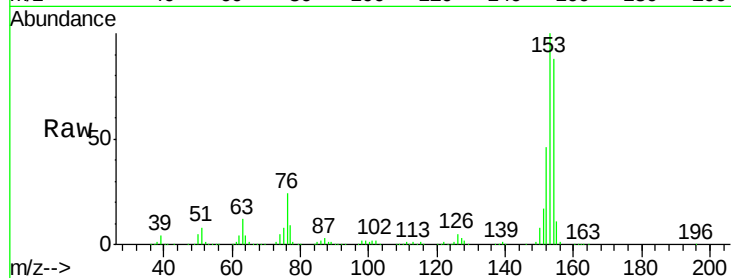
Tgt Ion:154 Resp: 555791

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

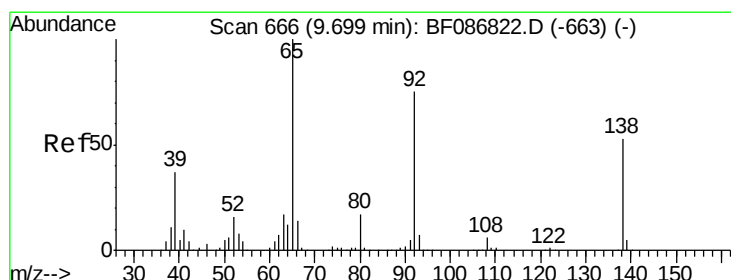
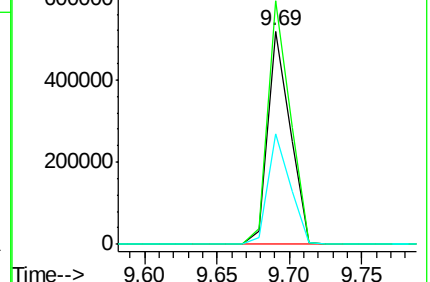
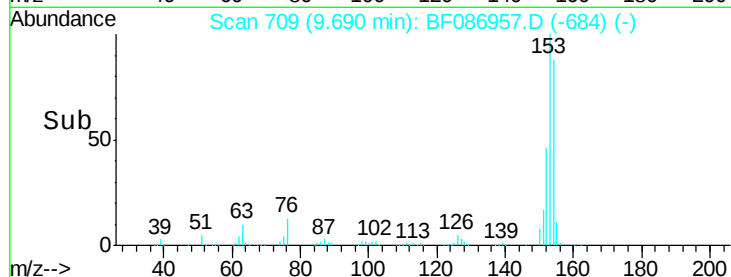
152 52.1 43.4 65.0



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: 45.27 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

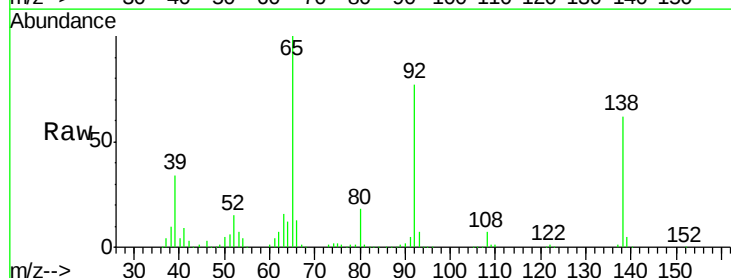
Tgt Ion:138 Resp: 185374

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.6

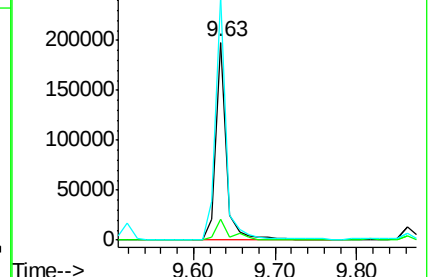
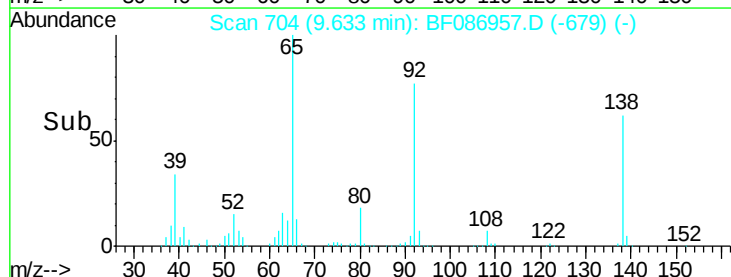
92 123.0 87.8 131.8

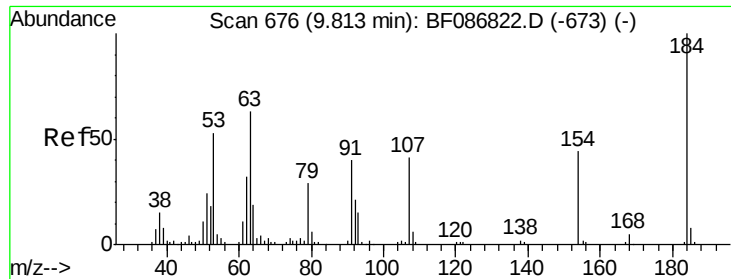


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

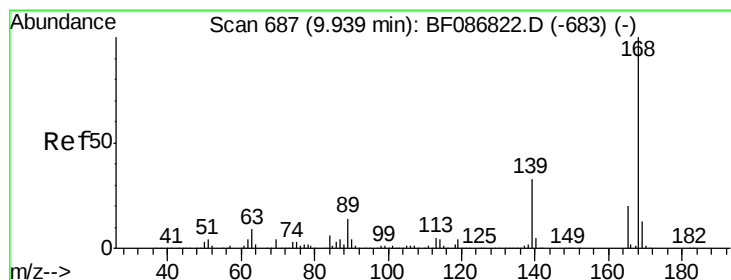
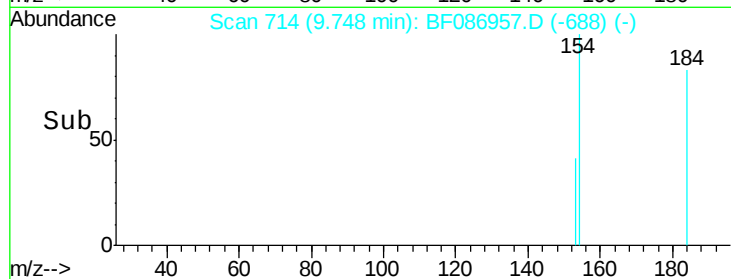
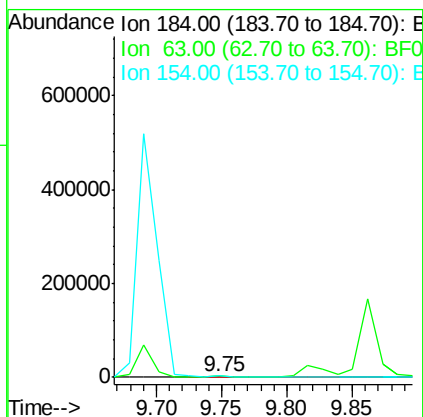
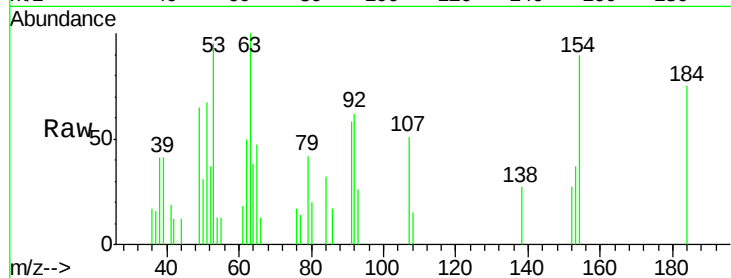




#53
 2,4-Dinitrophenol
 Concen: 9.96 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

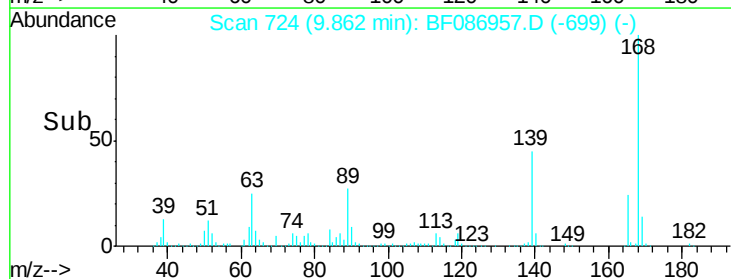
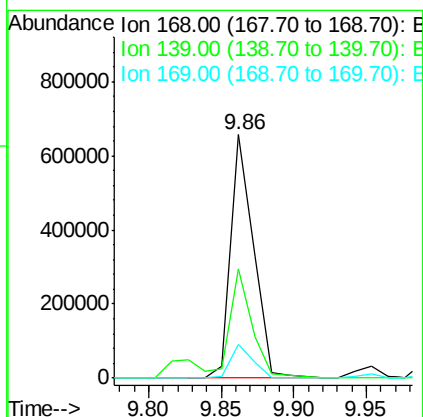
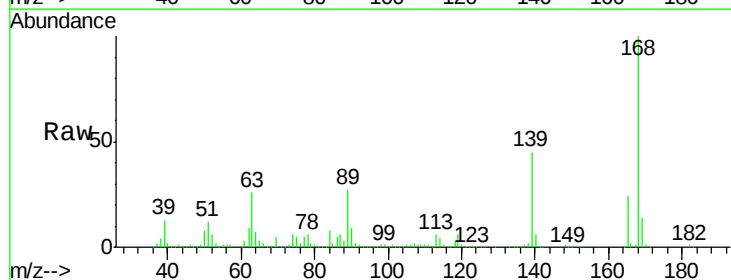
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

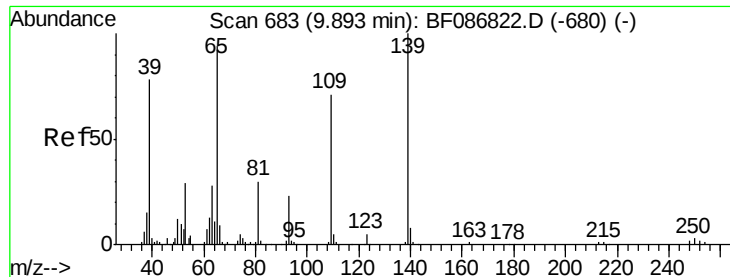
Tgt Ion:184 Resp: 4996
 Ion Ratio Lower Upper
 184 100
 63 133.7 55.8 83.8#
 154 119.9 62.4 93.6#



#54
 Dibenzofuran
 Concen: 40.67 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:168 Resp: 721213
 Ion Ratio Lower Upper
 168 100
 139 44.8 31.4 47.0
 169 13.8 10.7 16.1





#55

4-Nitrophenol

Concen: 143.04 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.03 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

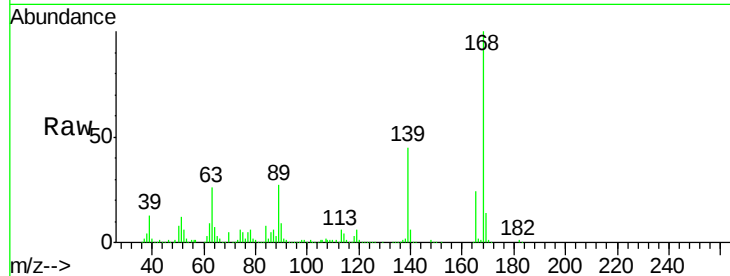
Tgt Ion:139 Resp: 400999

Ion Ratio Lower Upper

139 100

109 2.3 36.9 76.9#

65 7.7 64.0 104.0#



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

9.86

300000

200000

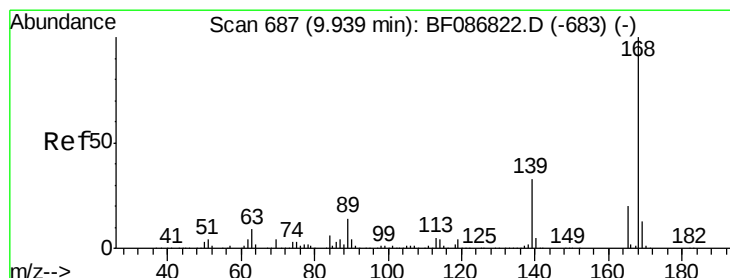
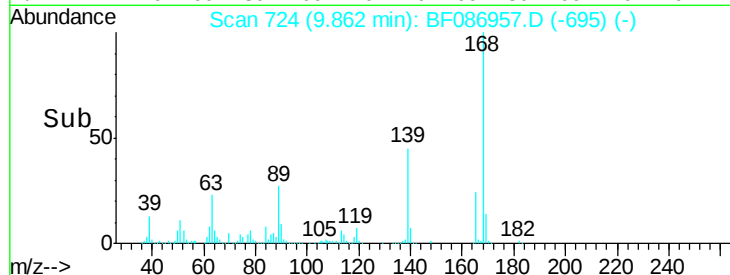
100000

0

9.80

10.00

Time-->



#56

2,4-Dinitrotoluene

Concen: 32.41 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion:165 Resp: 155995

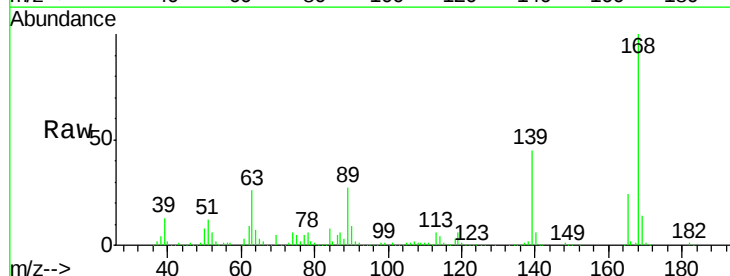
Ion Ratio Lower Upper

165 100

63 108.4 44.3 66.5#

89 113.5 70.0 105.0#

182 2.3 1.8 2.6



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

9.86

250000

200000

150000

100000

50000

0

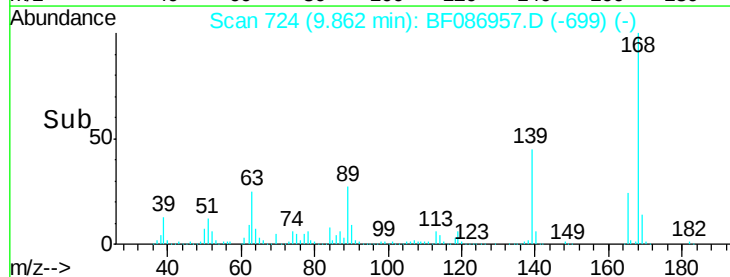
9.80

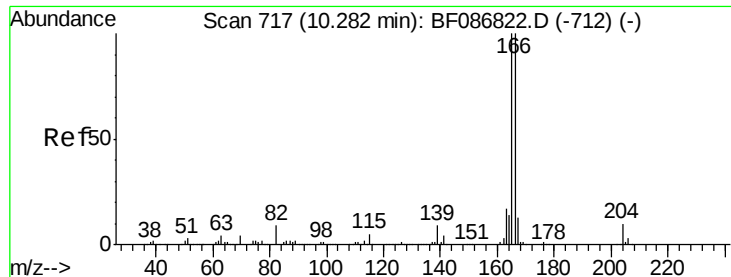
9.85

9.90

9.95

Time-->

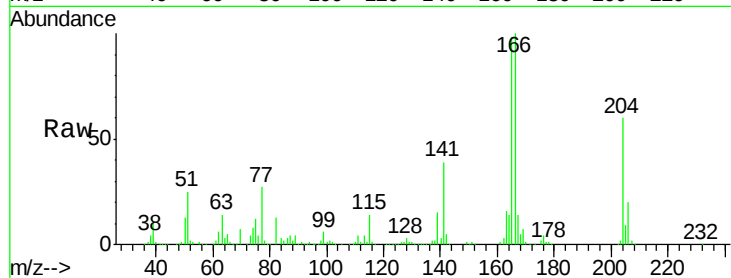




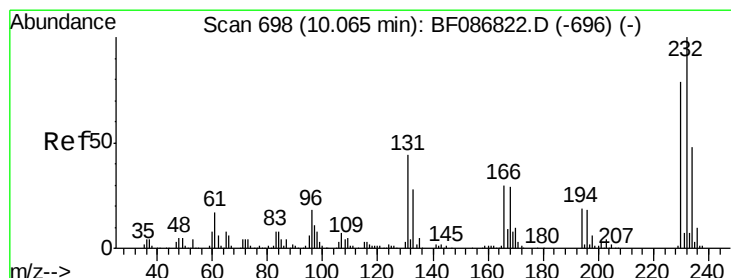
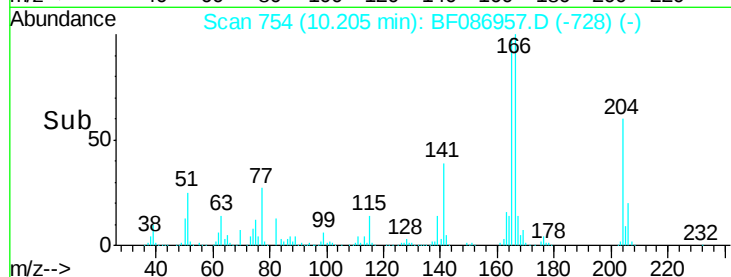
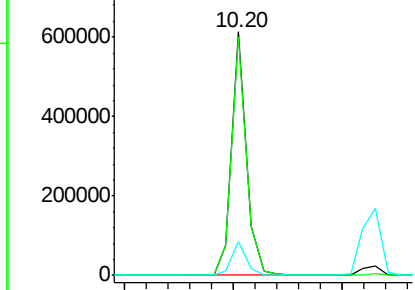
#57
 Fluorene
 Concen: 37.75 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:166 Resp: 570817
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.0 118.6
 167 13.8 10.6 15.8

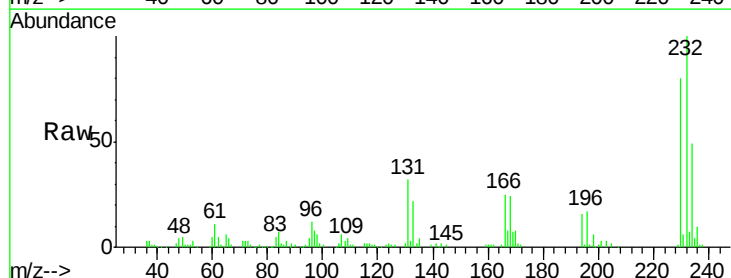


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

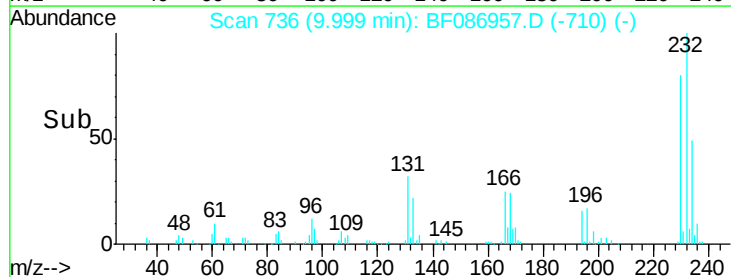
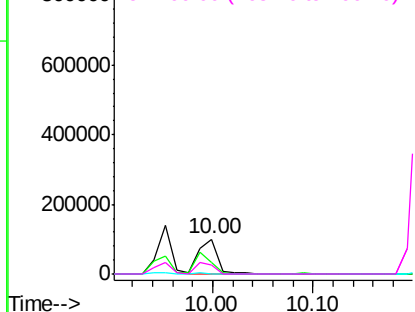


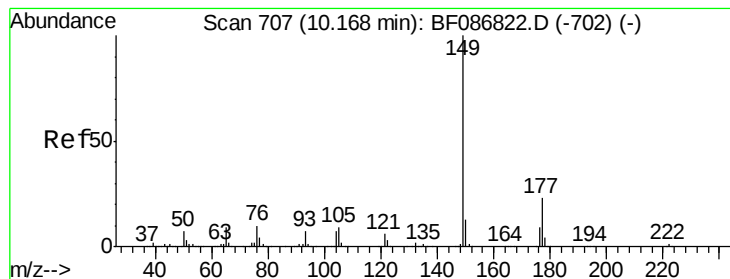
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.28 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion:232 Resp: 129386
 Ion Ratio Lower Upper
 232 100
 131 53.5 41.9 62.9
 130 2.8 2.2 3.4
 166 33.3 26.8 40.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.31 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

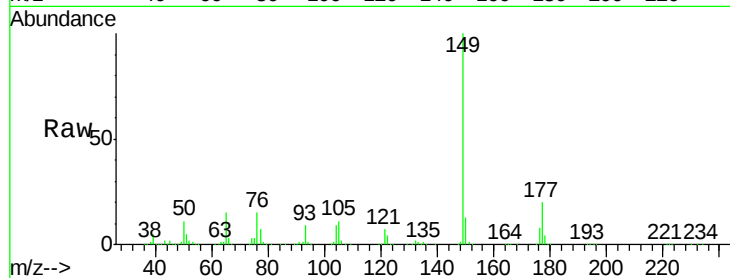
Tgt Ion:149 Resp: 707970

Ion Ratio Lower Upper

149 100

177 20.2 16.6 24.8

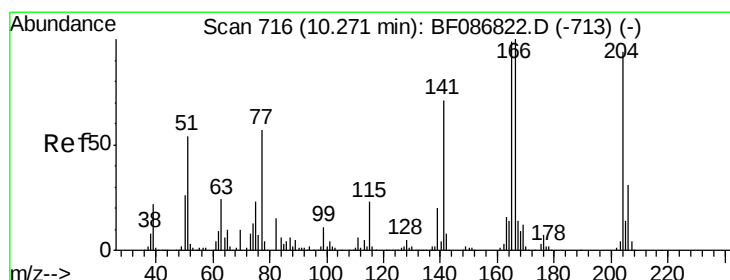
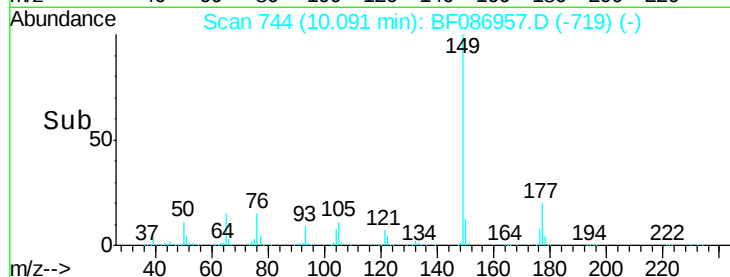
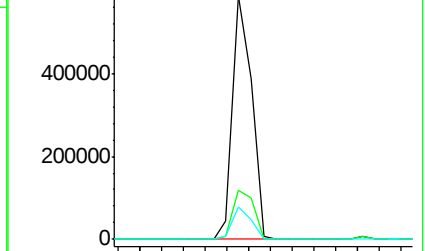
150 13.1 10.0 15.0



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: 48.14 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

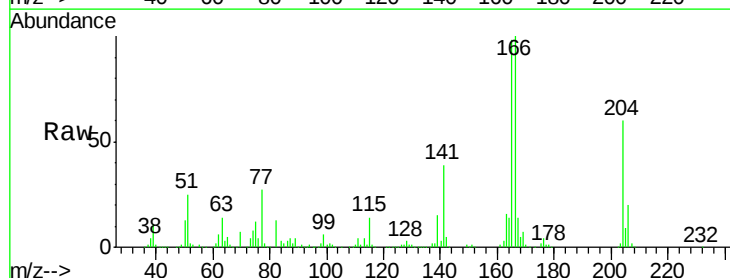
Tgt Ion:204 Resp: 311285

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

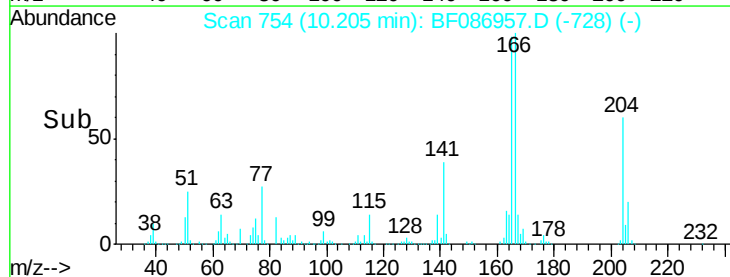
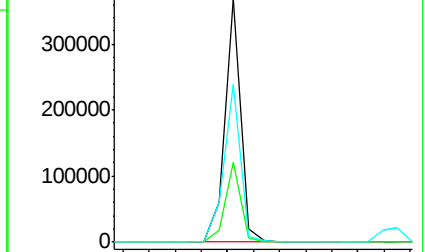
141 64.8 61.6 92.4

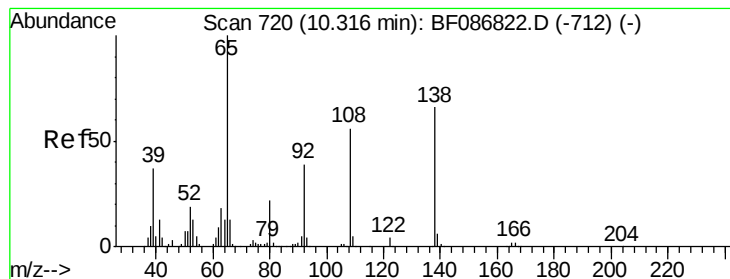


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.97 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

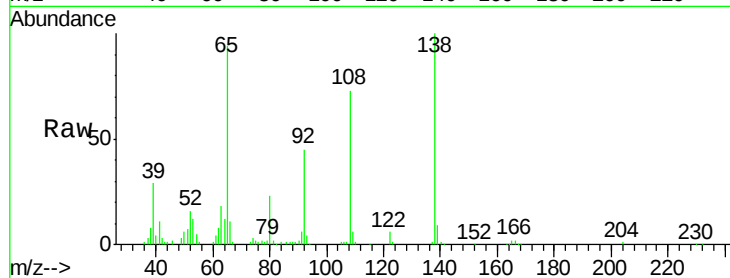
Tgt Ion:138 Resp: 180816

Ion Ratio Lower Upper

138 100

92 45.0 24.7 64.7

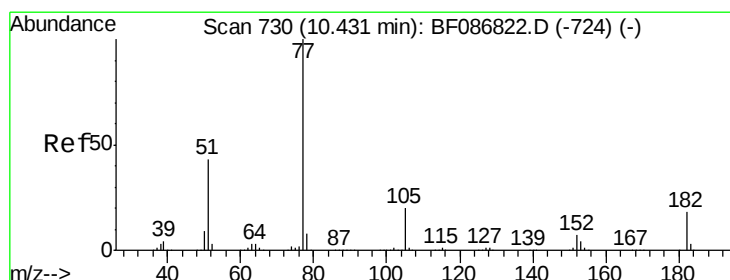
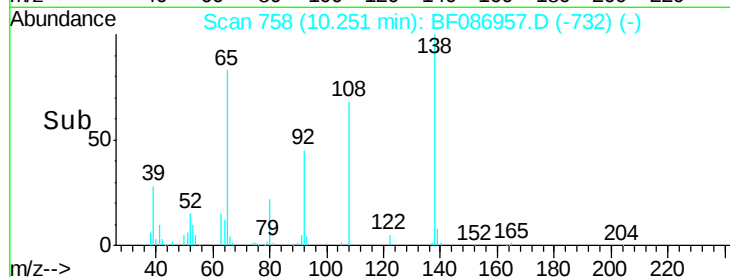
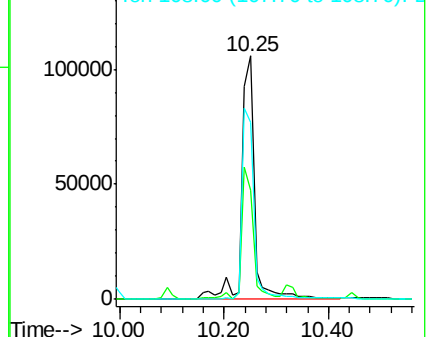
108 73.0 37.4 77.4



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: 39.15 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Tgt Ion: 77 Resp: 760724

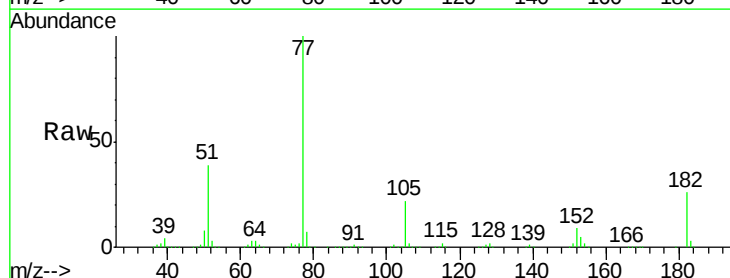
Ion Ratio Lower Upper

77 100

182 25.6 0.0 38.8

105 22.4 3.2 43.2

51 38.5 8.8 48.8

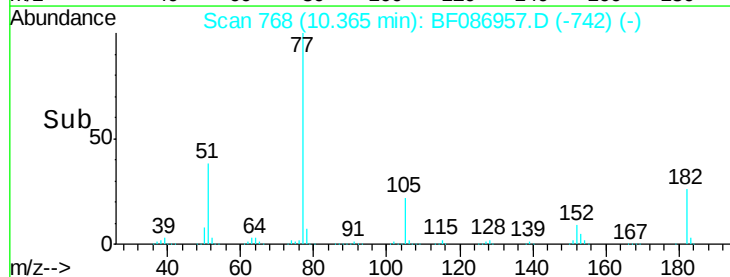
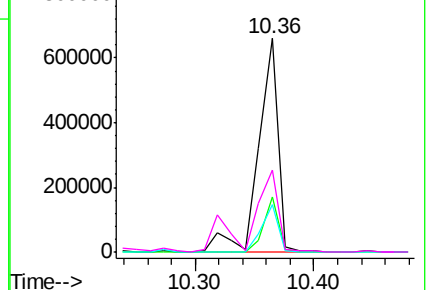


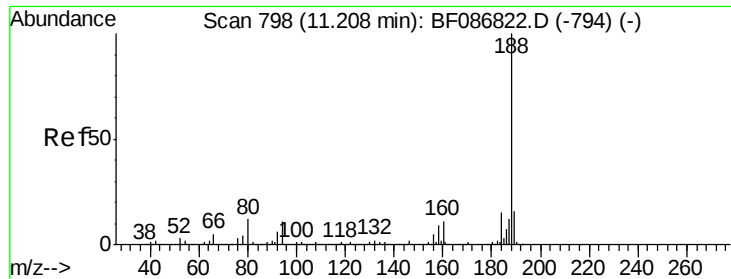
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

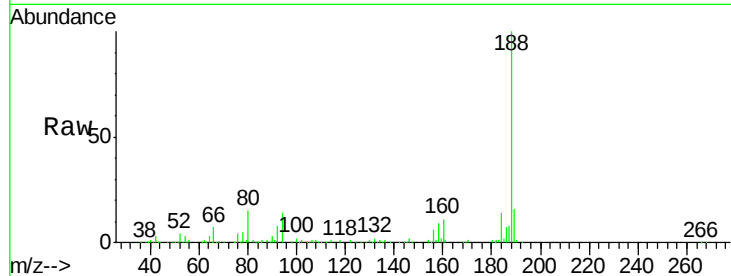
Tgt Ion:188 Resp: 389330

Ion Ratio Lower Upper

188 100

94 13.7 6.8 10.2#

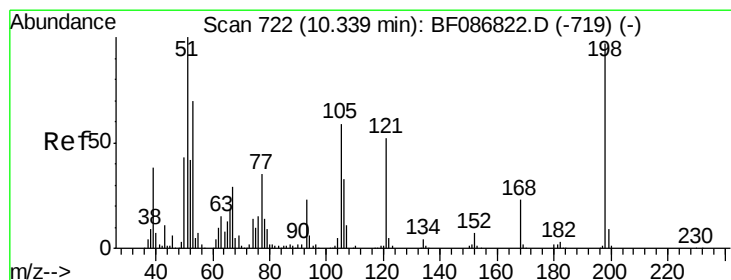
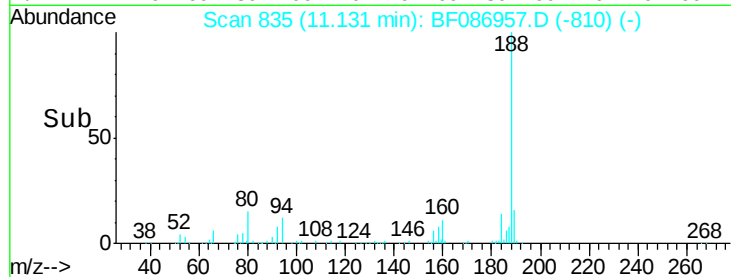
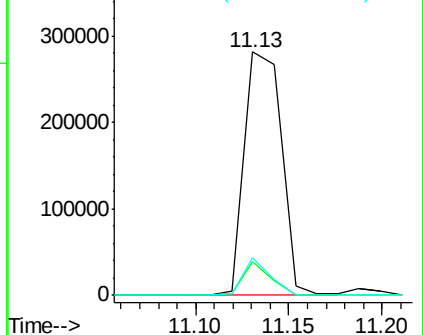
80 15.4 7.1 10.7#



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: 5.32 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

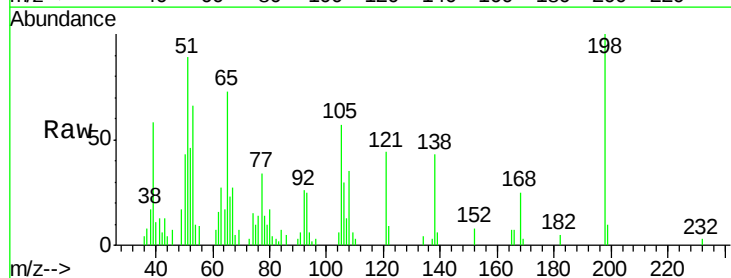
Tgt Ion:198 Resp: 12877

Ion Ratio Lower Upper

198 100

51 89.4 20.5 60.5#

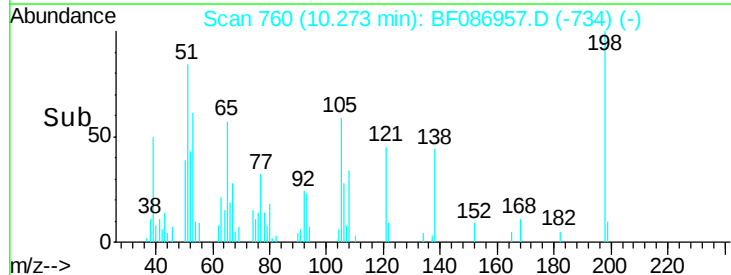
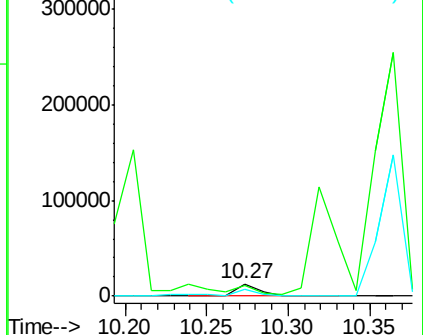
105 57.2 24.5 64.5

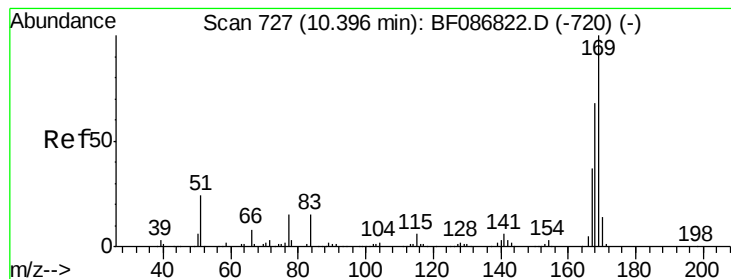


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.16 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

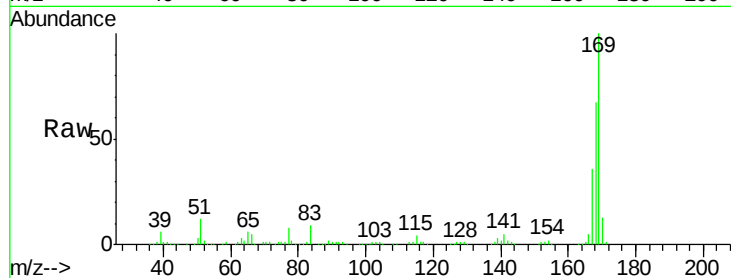
Tgt Ion:169 Resp: 552138

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

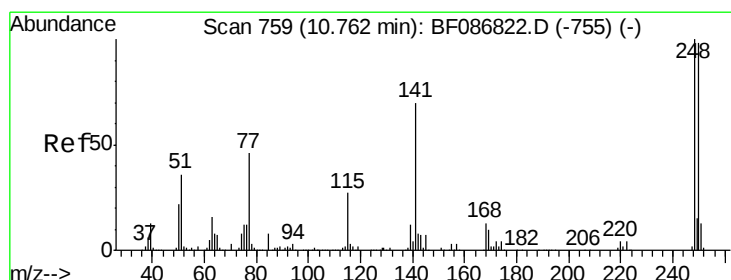
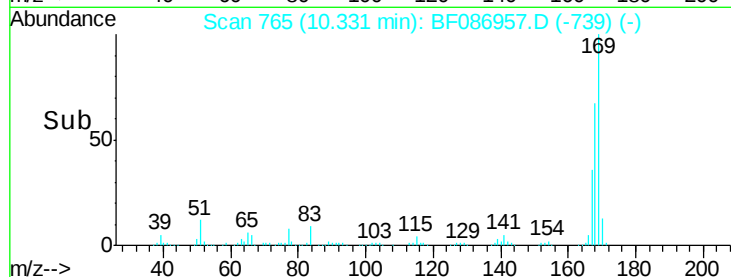
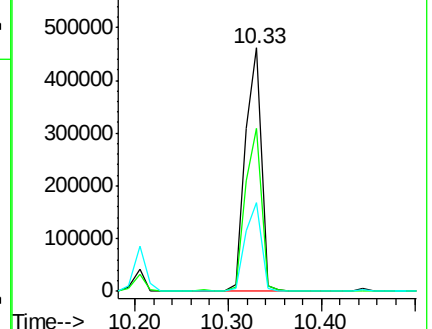
167 36.4 29.5 44.3



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: 42.84 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

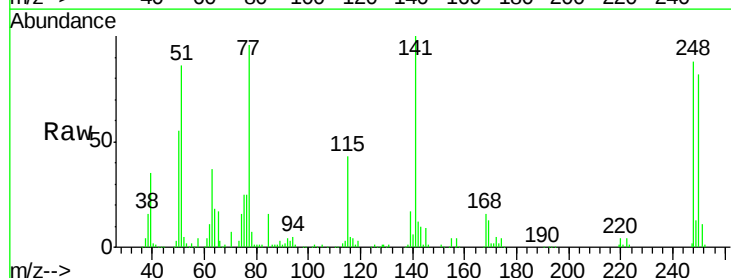
Tgt Ion:248 Resp: 169085

Ion Ratio Lower Upper

248 100

250 93.8 78.6 117.8

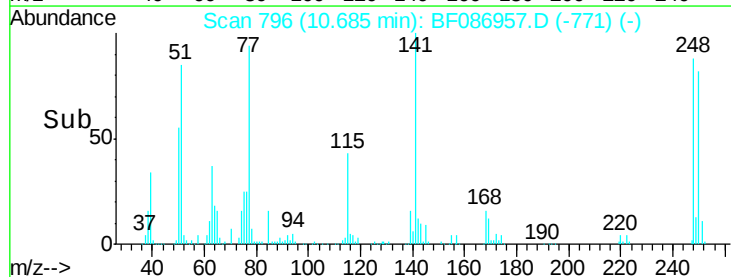
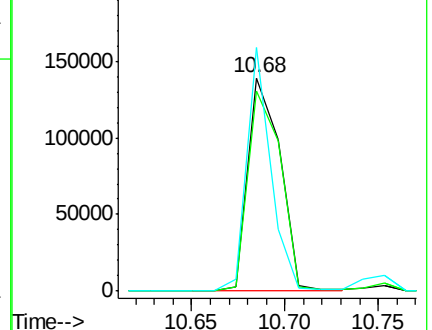
141 114.1 76.0 114.0#

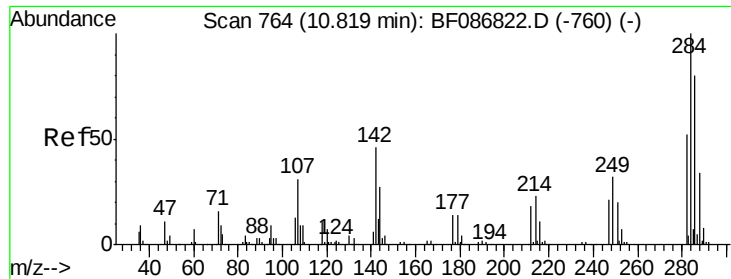


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

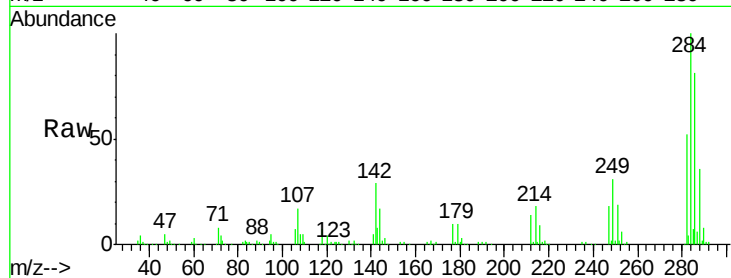




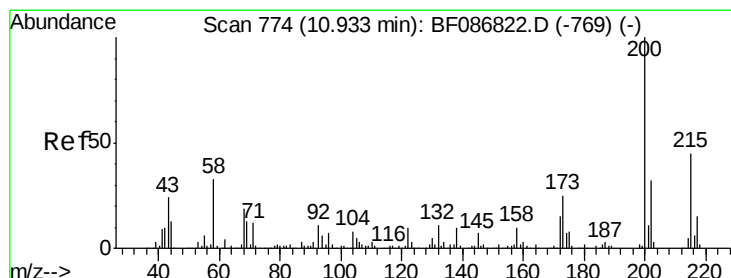
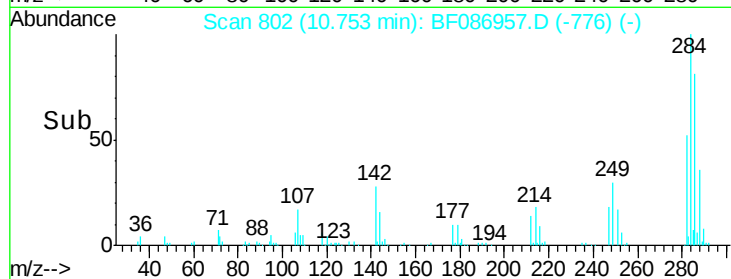
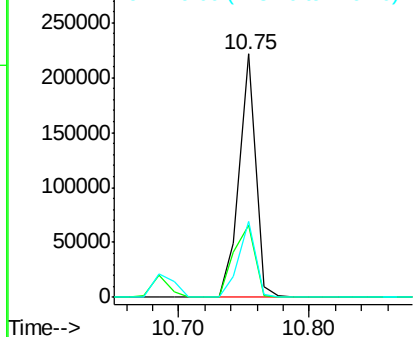
#67
Hexachlorobenzene
Concen: 42.15 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 194436
Ion Ratio Lower Upper
284 100
142 29.4 16.7 25.1#
249 31.0 21.3 31.9

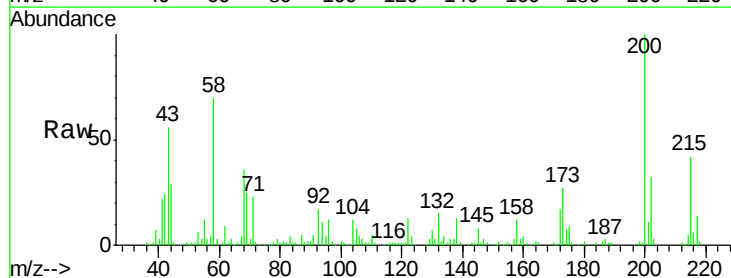


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

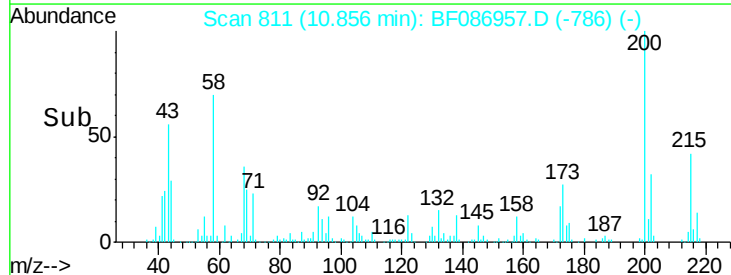
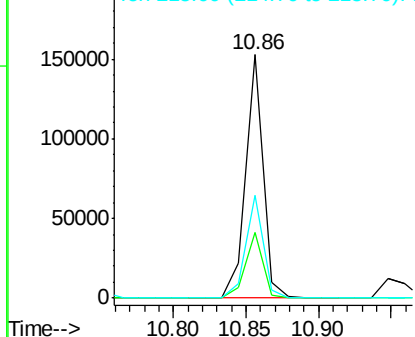


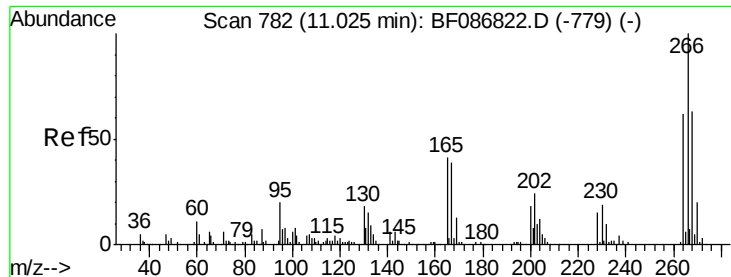
#68
Atrazine
Concen: 32.25 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086957.D
Acq: 13 May 2016 5:43

Tgt Ion: 200 Resp: 128874
Ion Ratio Lower Upper
200 100
173 27.1 8.5 48.5
215 42.3 27.2 67.2



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

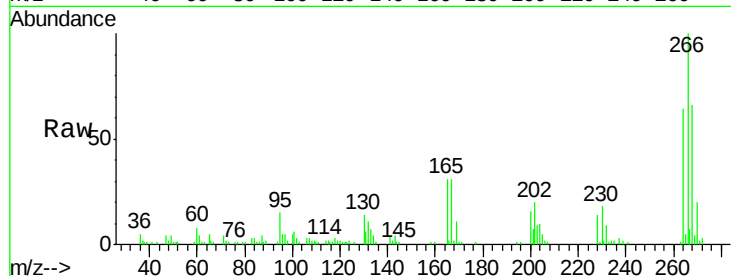




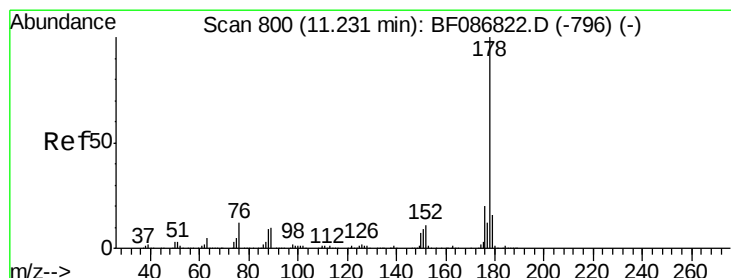
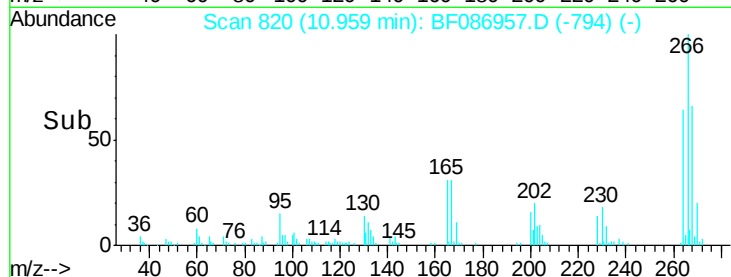
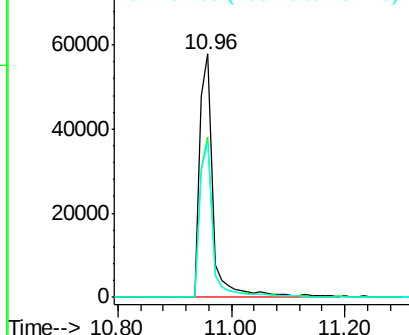
#69
 Pentachlorophenol
 Concen: 43.09 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 91867
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.5 77.3
 264 63.7 52.9 79.3

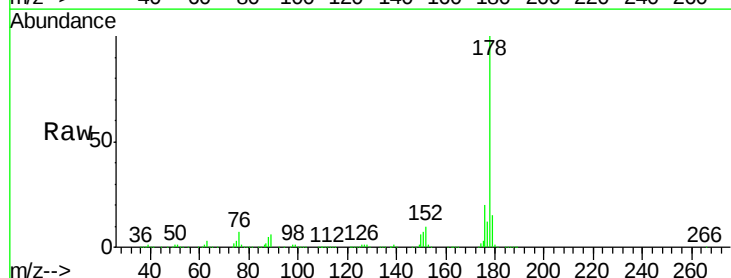


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

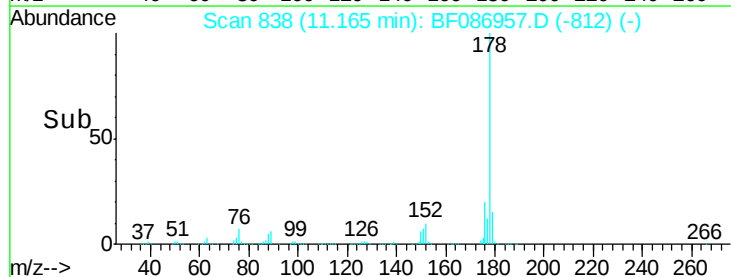
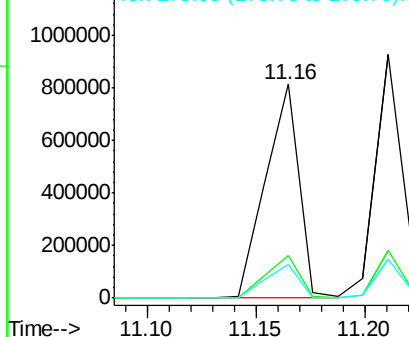


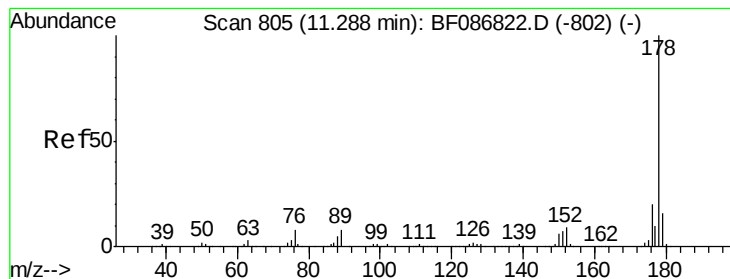
#70
 Phenanthrene
 Concen: 42.20 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 178 Resp: 876859
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.5 12.6 18.8



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: 39.34 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

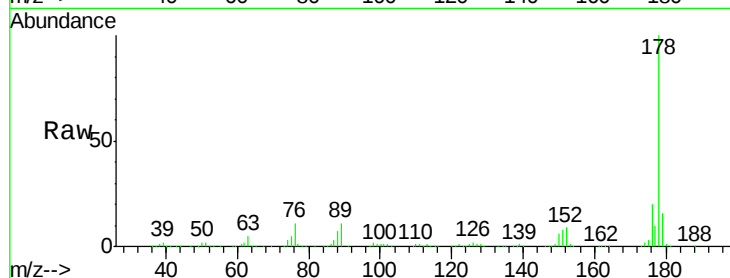
Tgt Ion:178 Resp: 835921

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

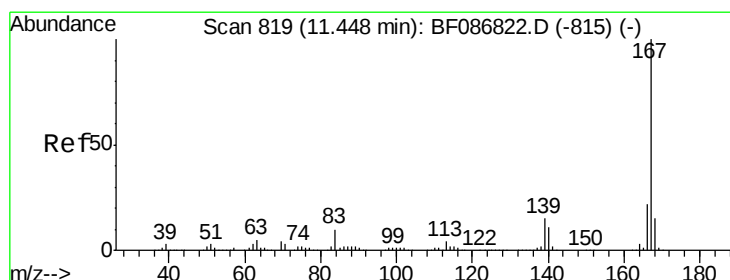
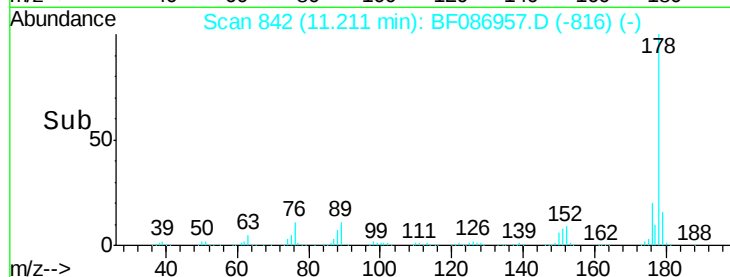
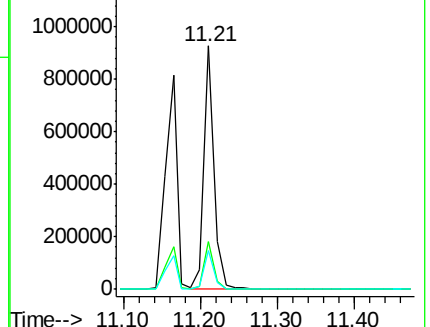
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.65 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

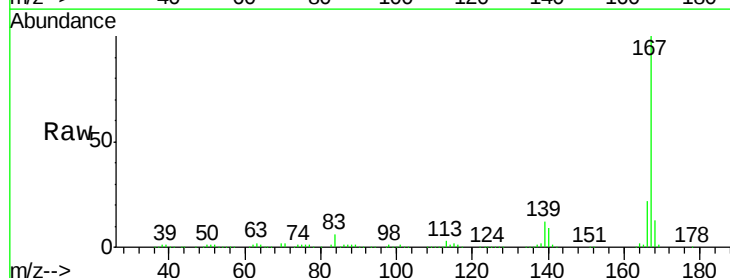
Tgt Ion:167 Resp: 779146

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

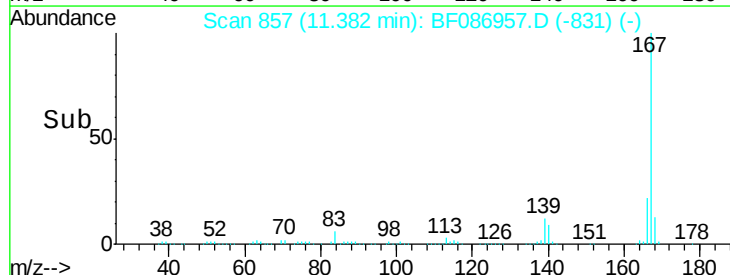
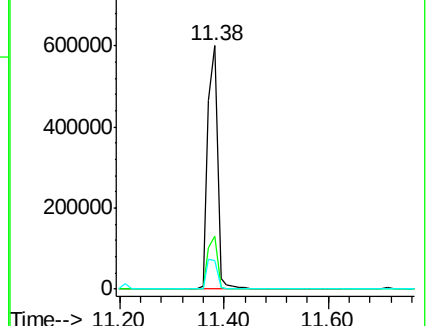
139 11.7 10.8 16.2

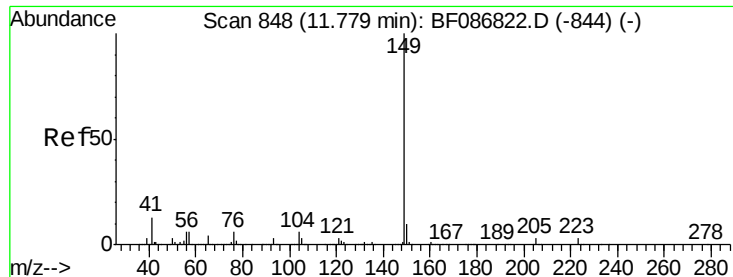


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

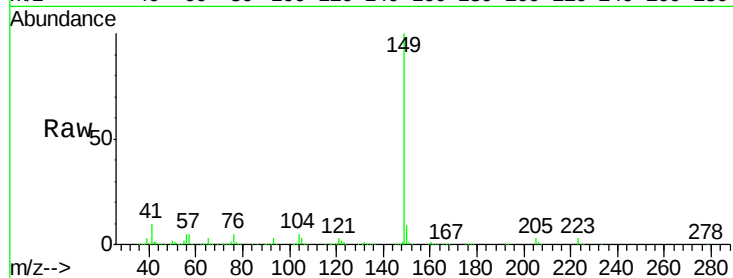
Tgt Ion:149 Resp: 1018421

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

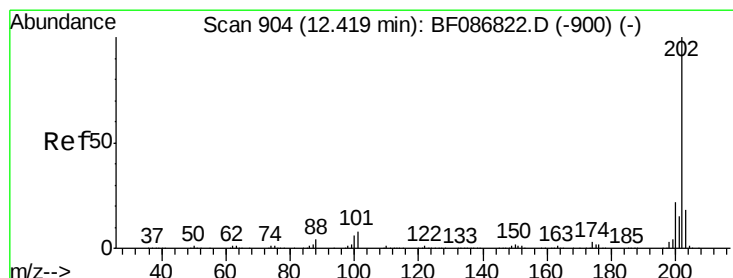
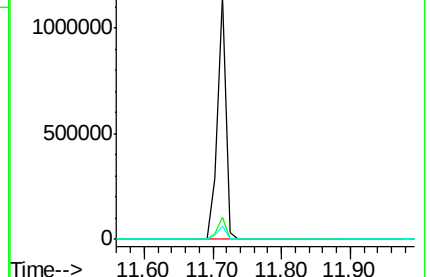
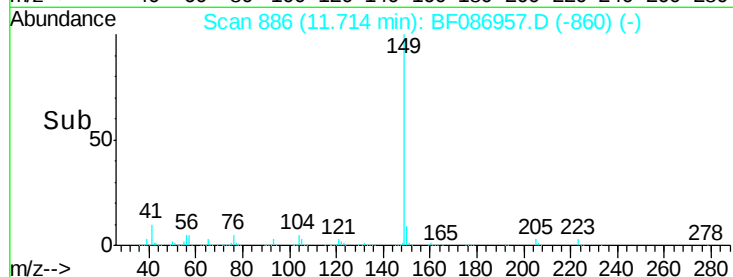
104 5.3 3.8 5.6



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: 41.27 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

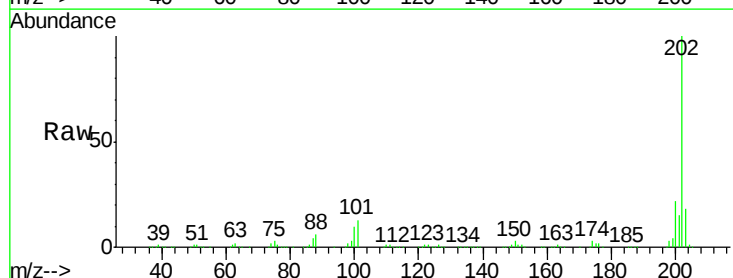
Tgt Ion:202 Resp: 881913

Ion Ratio Lower Upper

202 100

101 13.3 0.0 35.4

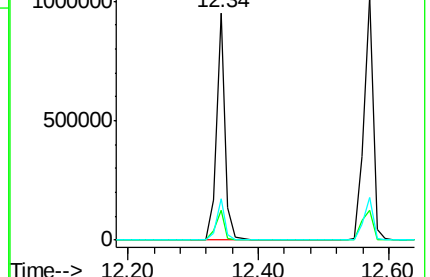
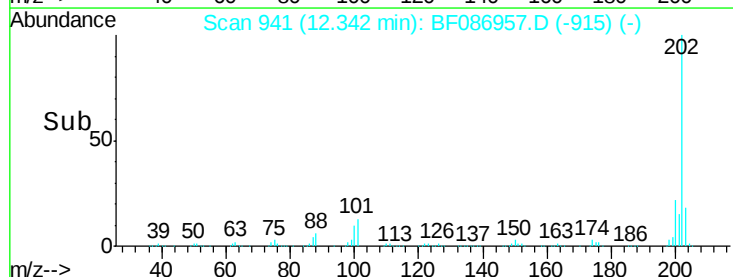
203 18.0 0.0 38.1

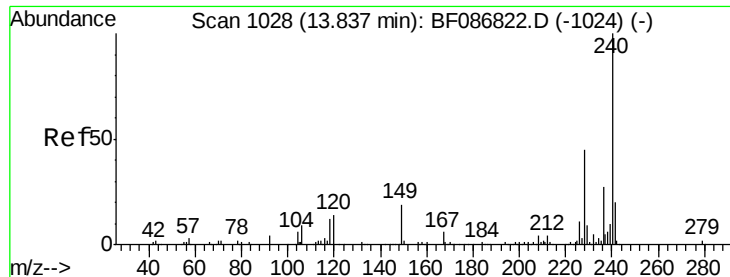


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

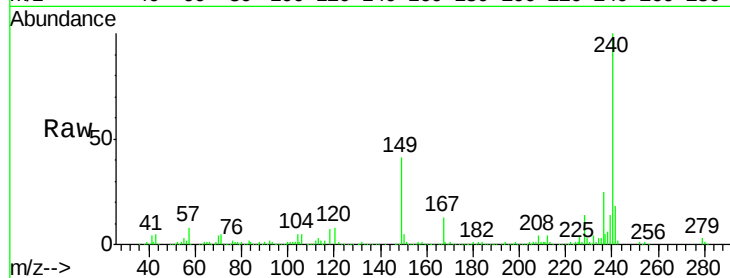
Tgt Ion:240 Resp: 357390

Ion Ratio Lower Upper

240 100

120 7.6 11.2 16.8#

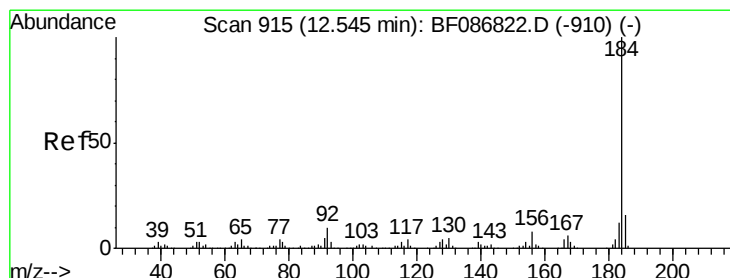
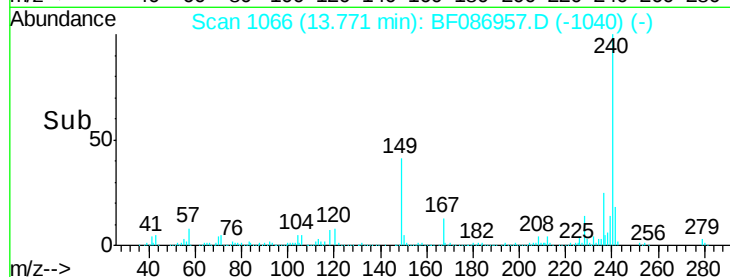
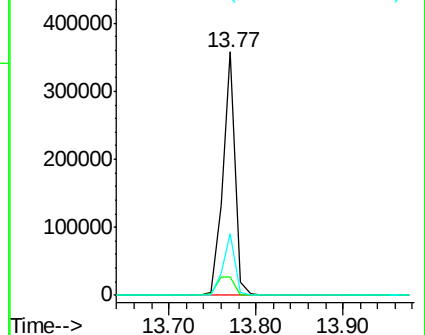
236 25.5 21.2 31.8



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: 52.88 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

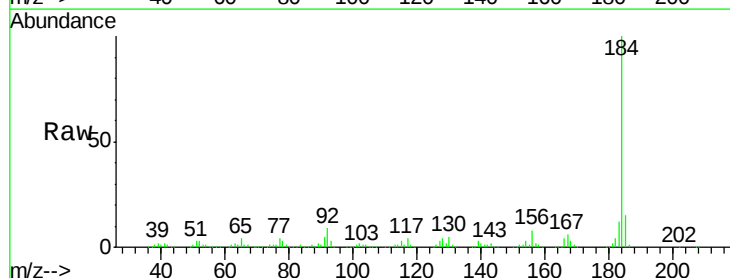
Tgt Ion:184 Resp: 481839

Ion Ratio Lower Upper

184 100

185 15.4 13.6 20.4

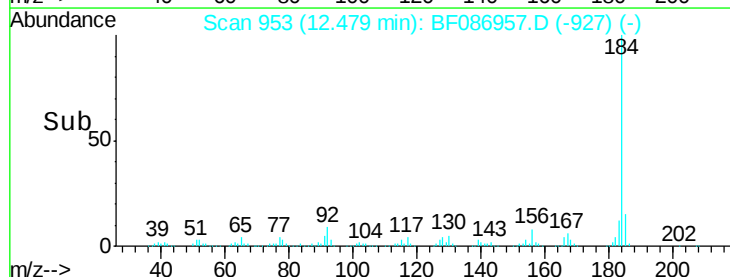
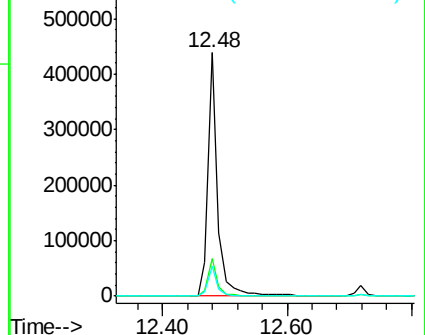
183 12.2 9.8 14.6

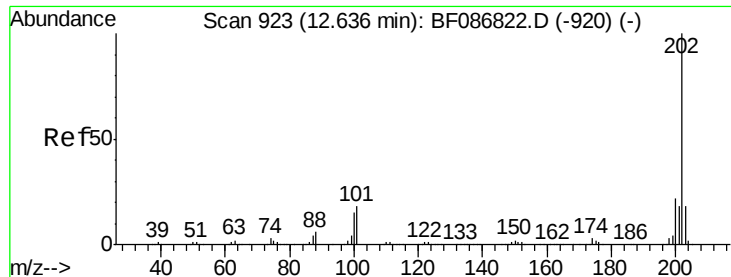


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

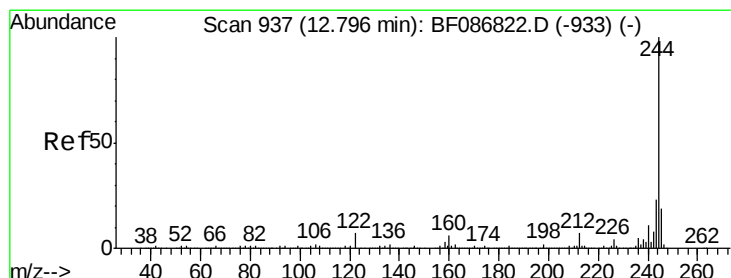
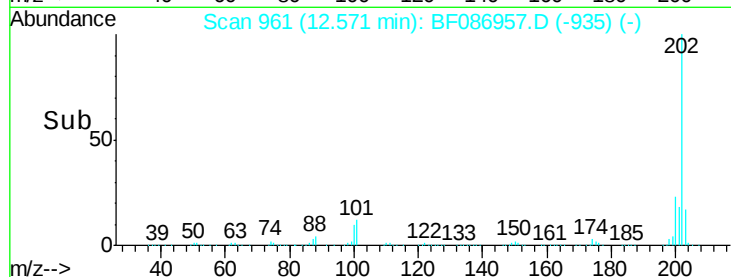
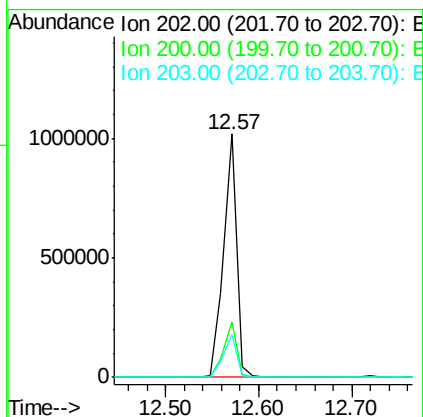
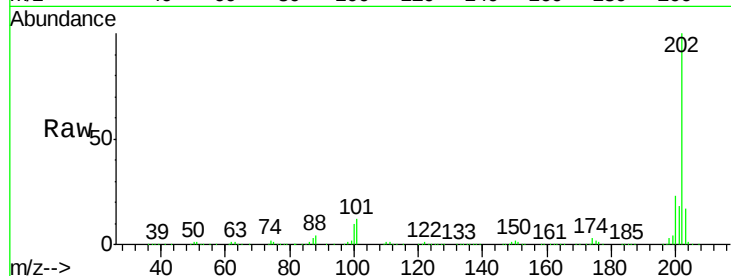




#77
 Pyrene
 Concen: 35.92 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

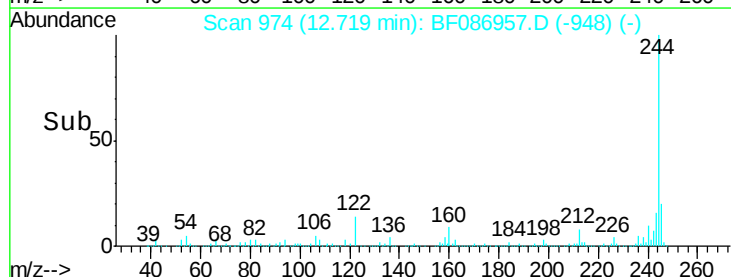
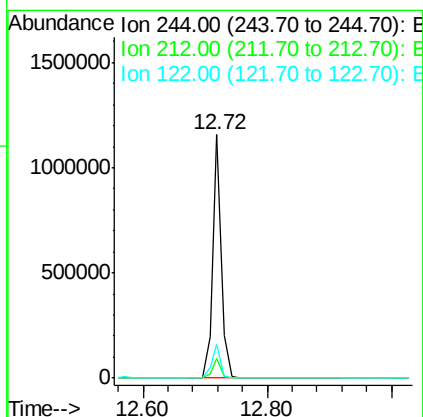
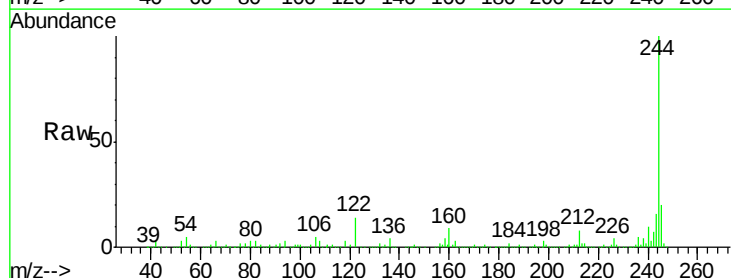
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

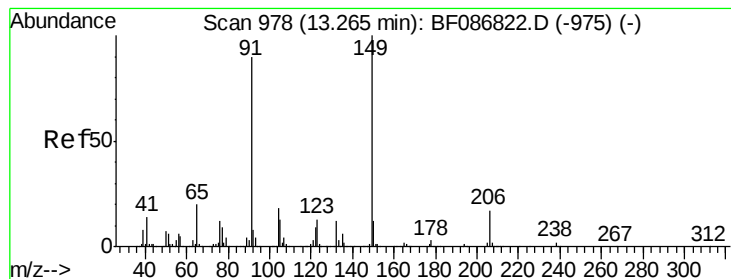
Tgt Ion: 202 Resp: 982841
 Ion Ratio Lower Upper
 202 100
 200 22.9 17.7 26.5
 203 17.4 14.2 21.4



#78
 Terphenyl-d14
 Concen: 64.52 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 244 Resp: 1086780
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.6 12.0 18.0





#79

Butylbenzylphthalate

Concen: 38.27 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

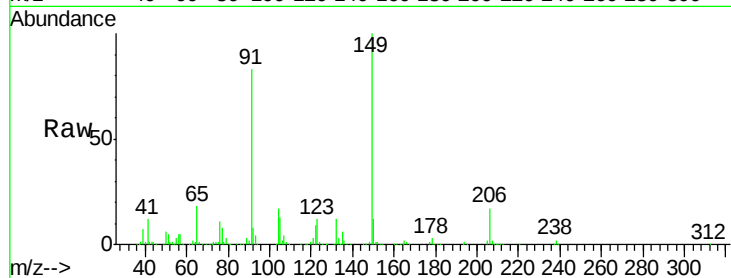
Tgt Ion:149 Resp: 442878

Ion Ratio Lower Upper

149 100

91 83.2 48.0 72.0#

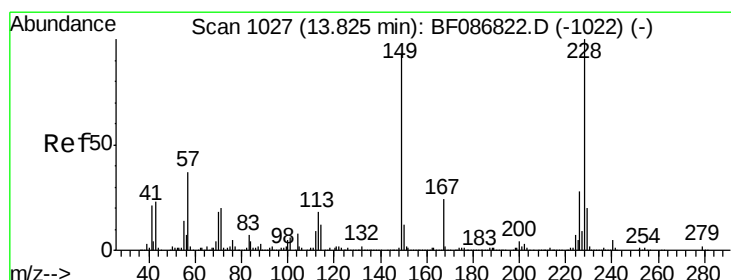
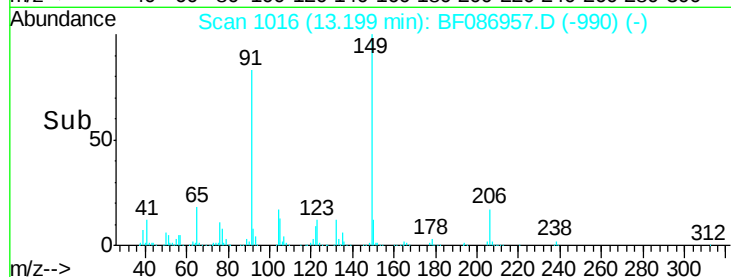
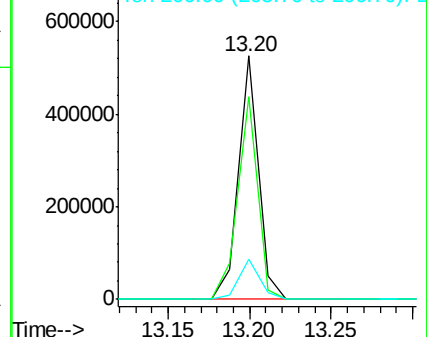
206 16.5 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.21 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

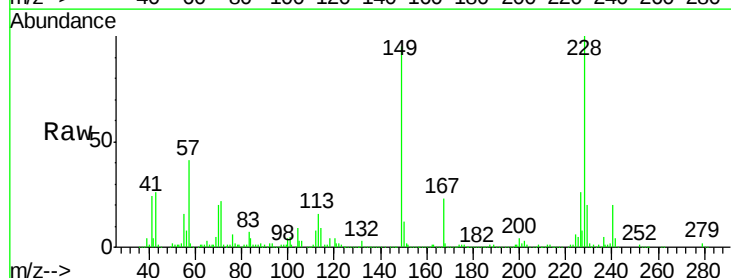
Tgt Ion:228 Resp: 846958

Ion Ratio Lower Upper

228 100

226 25.9 22.5 33.7

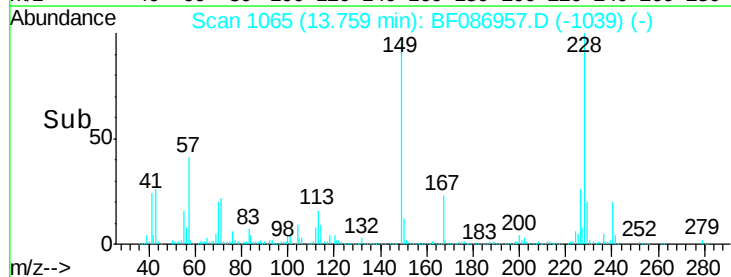
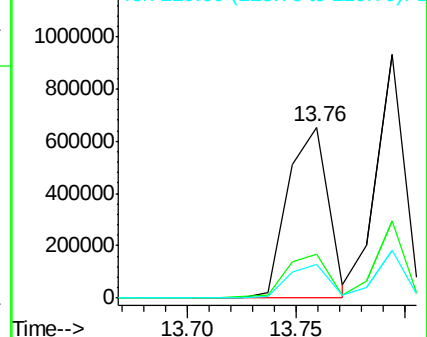
229 20.0 16.6 25.0

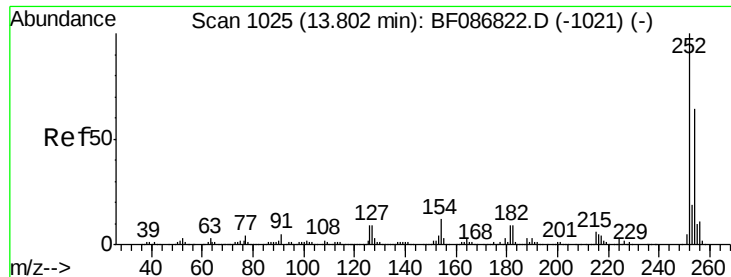


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

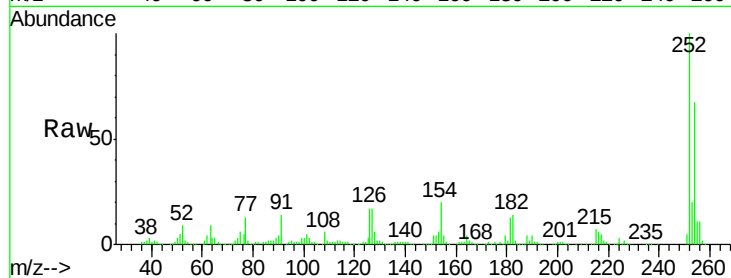




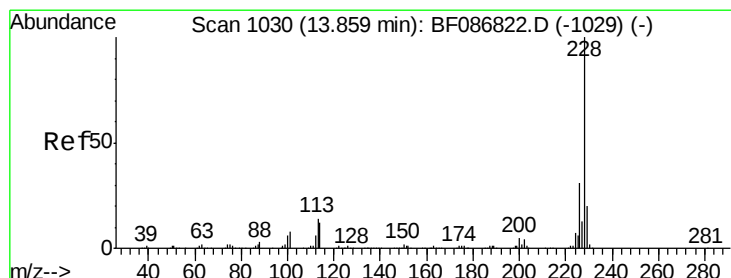
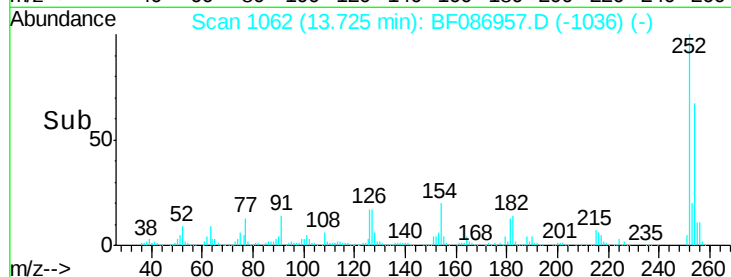
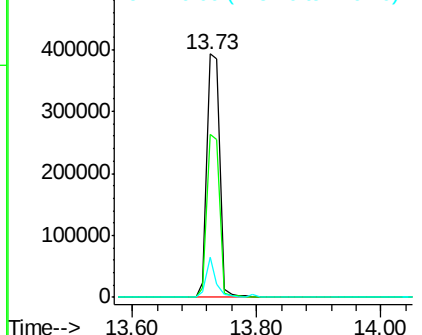
#81
 3,3'-Dichlorobenzidine
 Concen: 44.95 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 572935
 Ion Ratio Lower Upper
 252 100
 254 67.0 50.7 76.1
 126 16.5 12.7 19.1

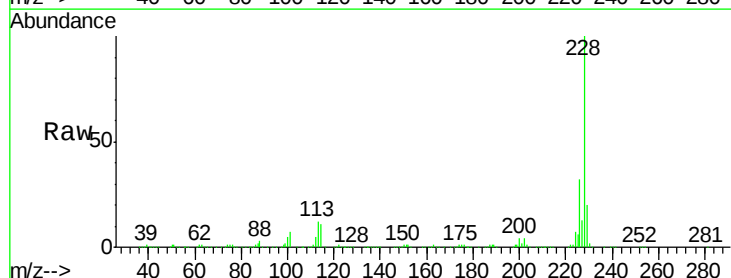


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

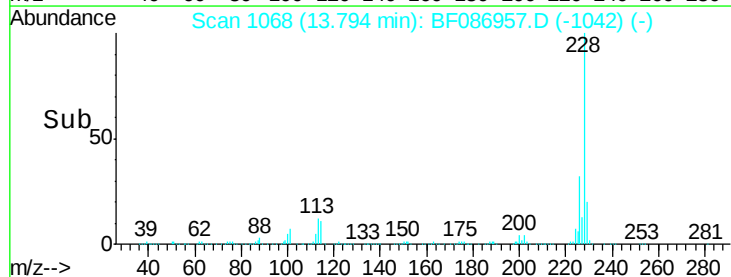
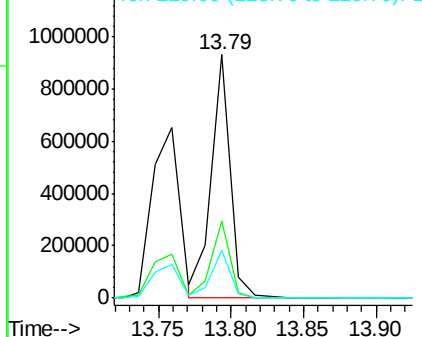


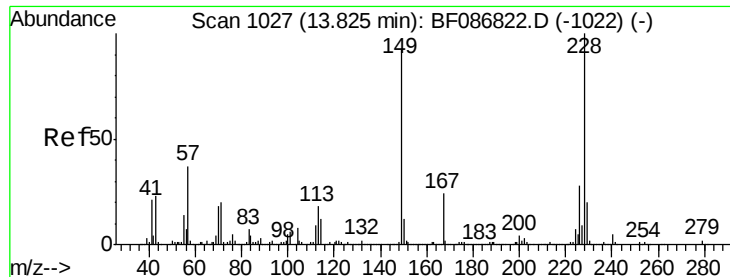
#82
 Chrysene
 Concen: 41.25 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 228 Resp: 841899
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.4 36.6
 229 19.7 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.17 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

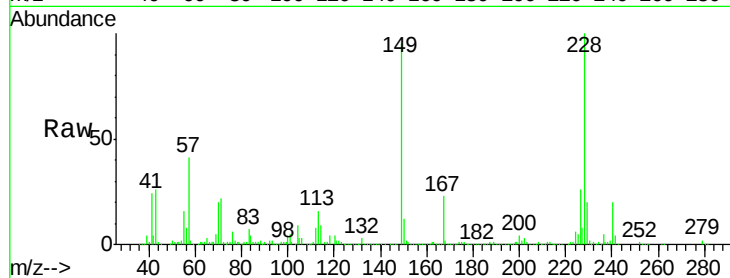
Tgt Ion:149 Resp: 573175

Ion Ratio Lower Upper

149 100

167 24.3 21.8 32.6

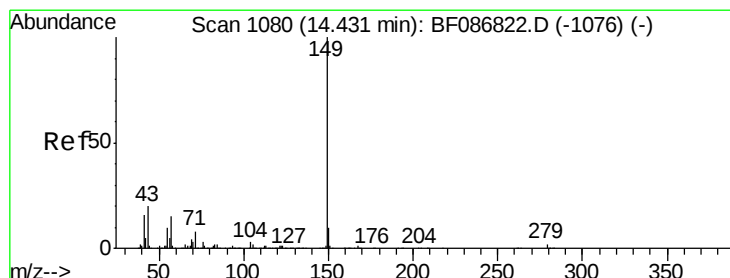
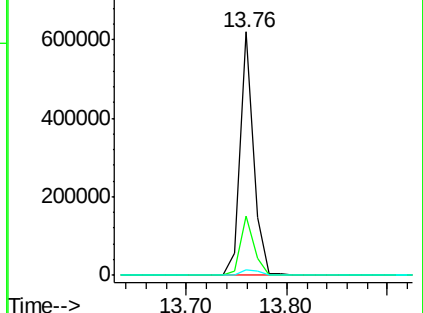
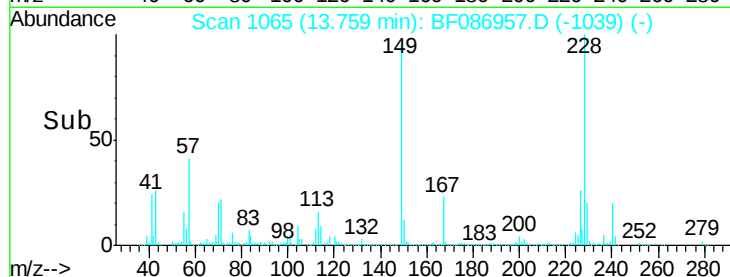
279 2.4 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.44 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

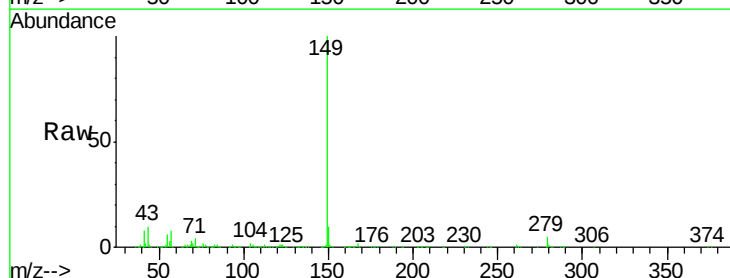
Tgt Ion:149 Resp: 1093913

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

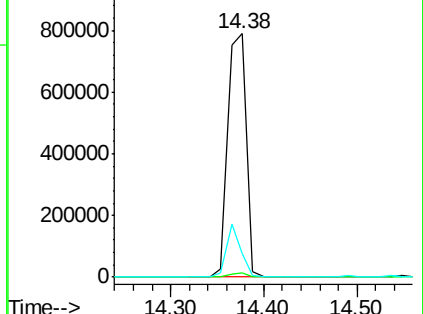
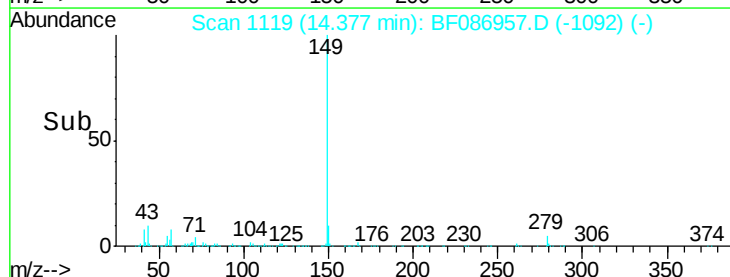
43 16.9 8.2 12.4#

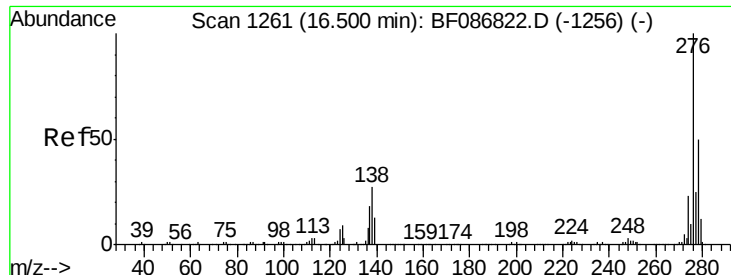


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

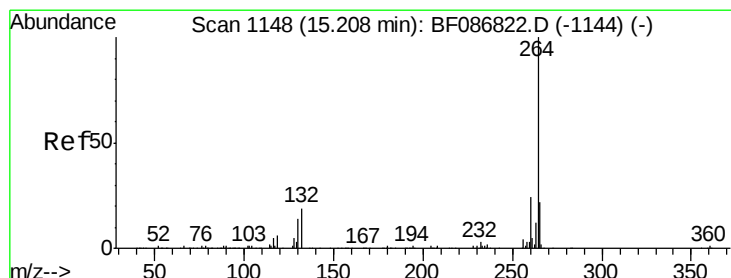
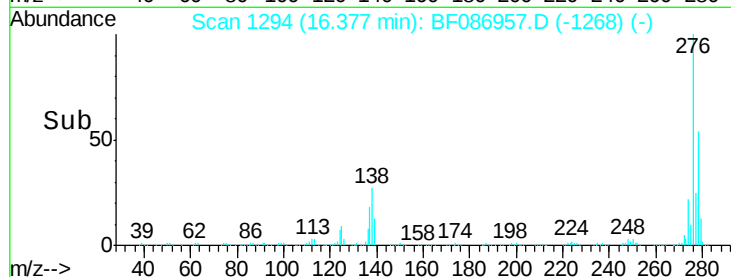
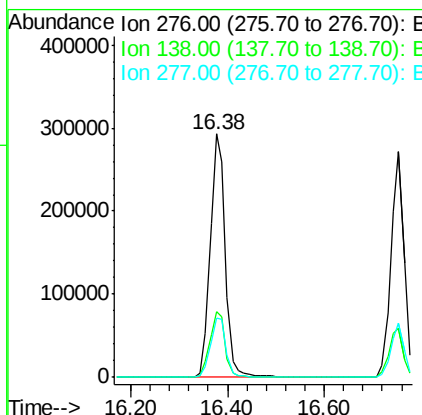
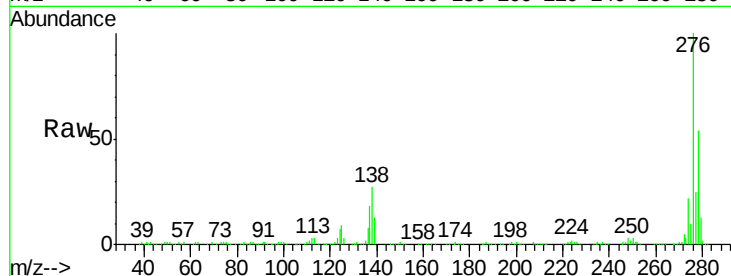




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.19 ng
 RT: 16.38 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

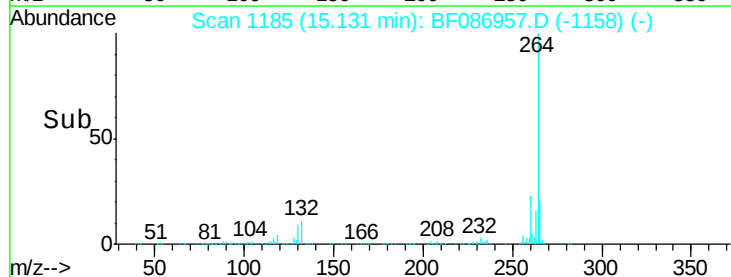
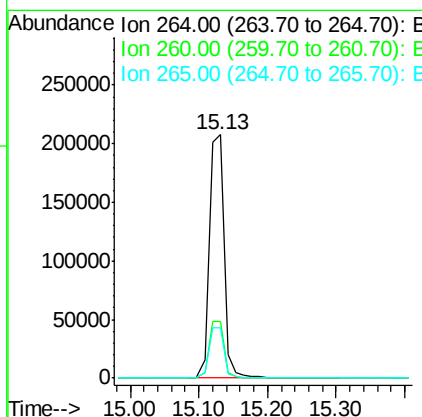
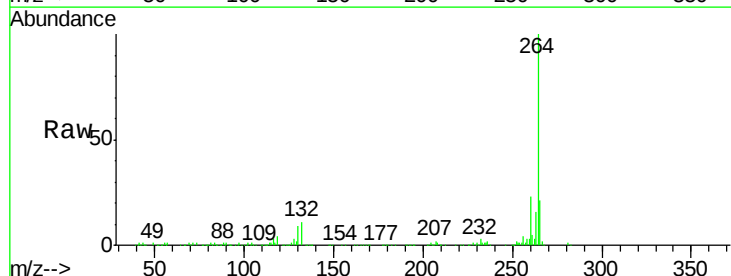
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

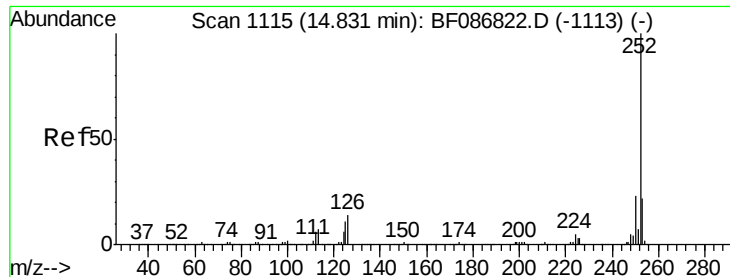
Tgt Ion: 276 Resp: 648529
 Ion Ratio Lower Upper
 276 100
 138 27.1 25.6 38.4
 277 25.3 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF086957.D
 Acq: 13 May 2016 5:43

Tgt Ion: 264 Resp: 314688
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 76.44 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.03 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

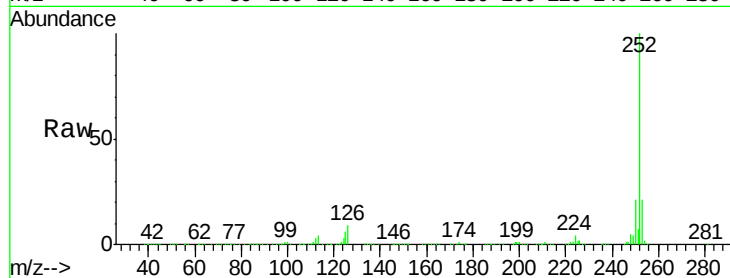
Tgt Ion:252 Resp: 1563412

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

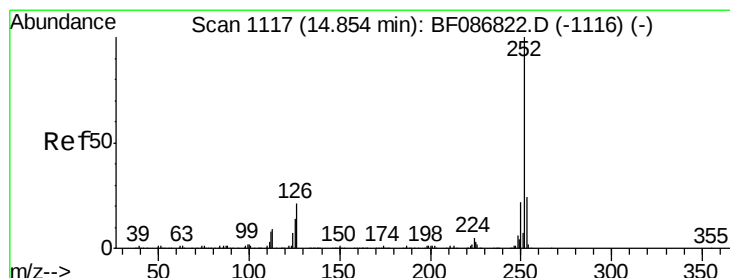
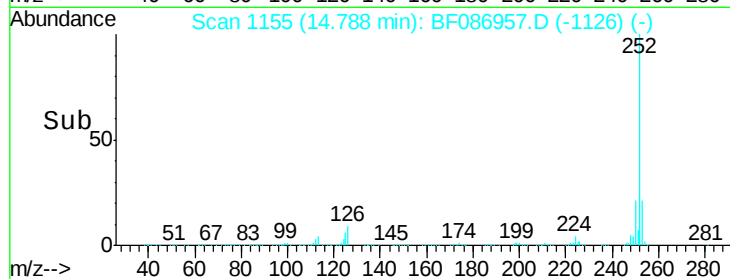
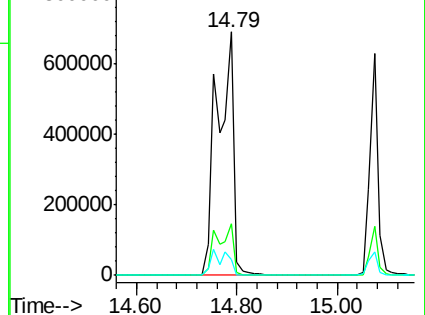
125 6.3 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.40 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

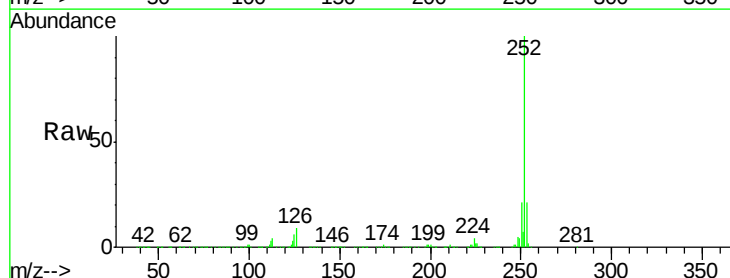
Tgt Ion:252 Resp: 1564163

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

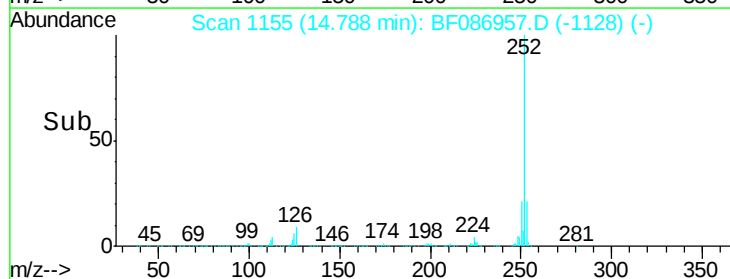
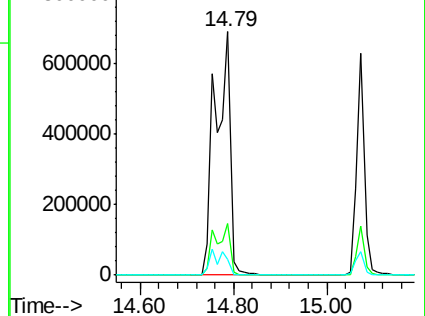
125 6.3 9.1 13.7#

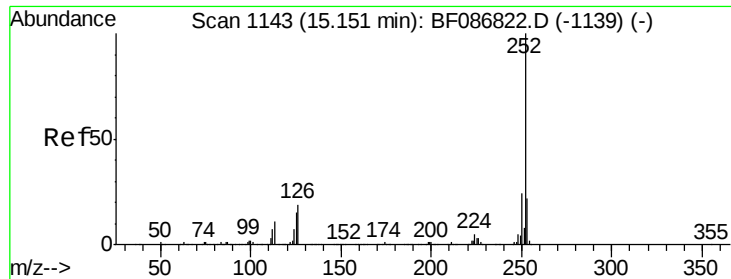


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.13 ng

RT: 15.07 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

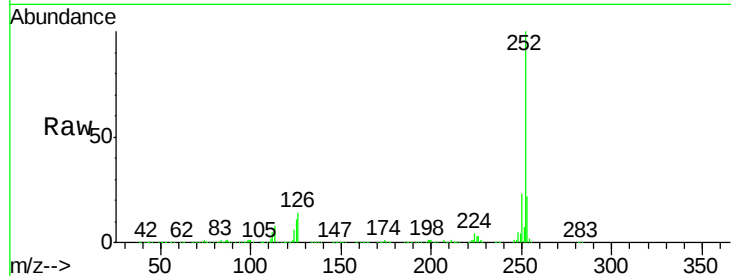
Tgt Ion:252 Resp: 707866

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

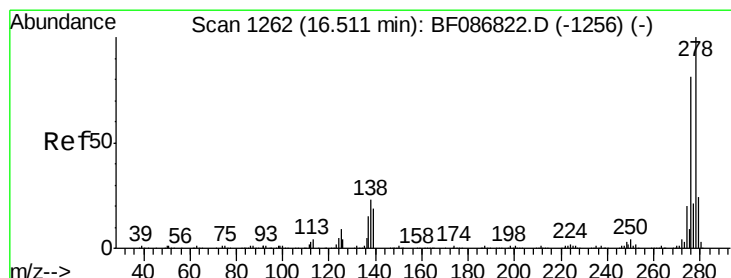
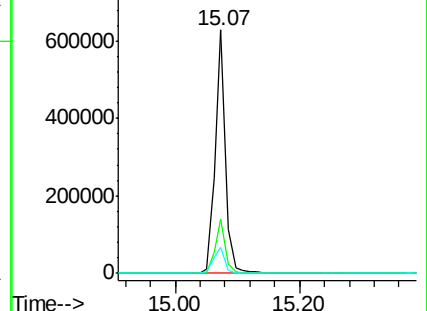
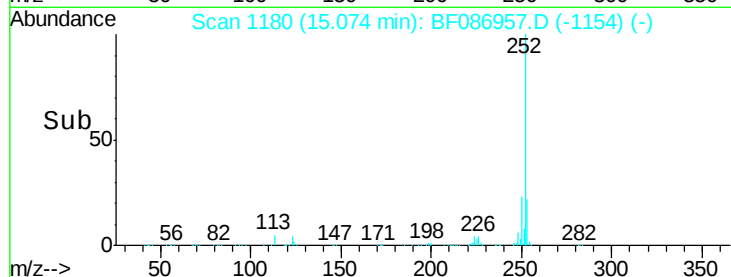
125 10.8 9.0 13.6



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: 36.43 ng

RT: 16.39 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

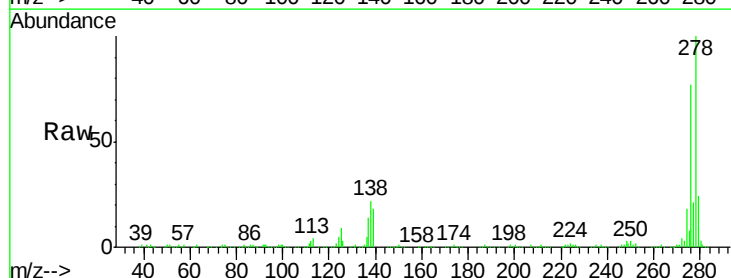
Tgt Ion:278 Resp: 541581

Ion Ratio Lower Upper

278 100

139 18.0 16.6 24.8

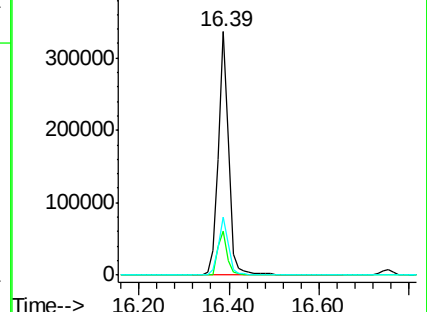
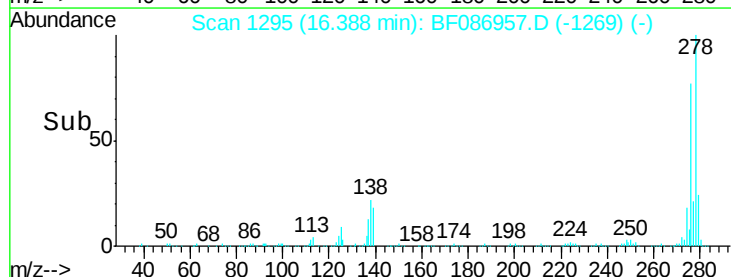
279 23.7 19.6 29.4

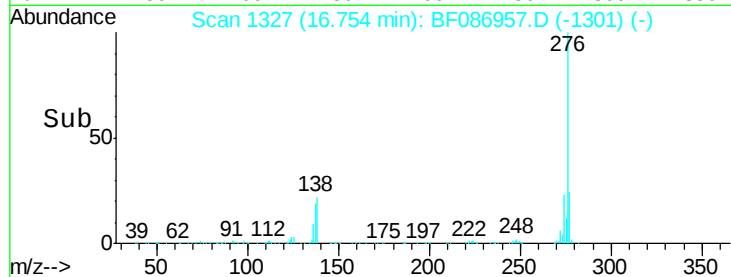
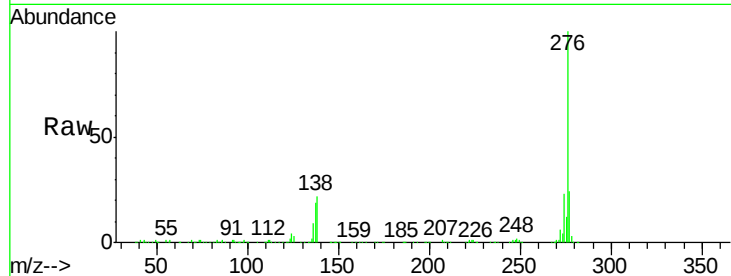
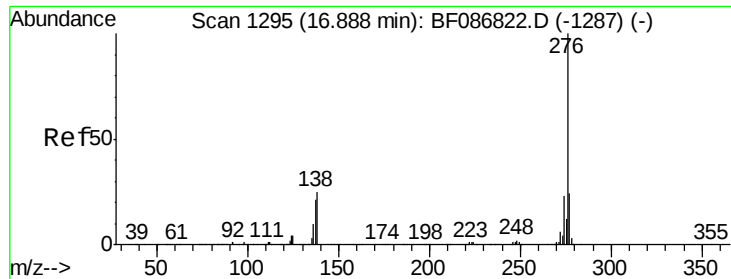


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.35 ng

RT: 16.75 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF086957.D

Acq: 13 May 2016 5:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 518853

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 22.0 23.6 35.4#

