

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086673.D
 Acq On : 4 May 2016 13:14
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 04 14:00:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 13:25:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177333	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	747994	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	353531	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605840	20.00	ng	0.00
75) Chrysene-d12	13.89	240	381679	20.00	ng	0.01
86) Perylene-d12	15.28	264	339528	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1058040	102.91	ng	0.00
7) Phenol-d6	6.38	99	1367761	95.32	ng	0.01
23) Nitrobenzene-d5	7.31	82	1355535	97.68	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	343169	92.05	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1882690	90.13	ng	0.00
78) Terphenyl-d14	12.84	244	1802348	104.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	264667	49.01	ng	# 74
3) Pyridine	2.94	79	716362	56.05	ng	# 71
4) n-Nitrosodimethylamine	2.90	42	441910	60.66	ng	# 55
6) Aniline	6.41	93	892813	51.42	ng	96
8) 2-Chlorophenol	6.52	128	596819	46.61	ng	88
9) Benzaldehyde	6.28	77	339933	40.72	ng	98
10) Phenol	6.40	94	787442	49.19	ng	# 56
11) bis(2-Chloroethyl)ether	6.48	93	641370	46.34	ng	# 83
12) 1,3-Dichlorobenzene	6.68	146	659438	47.88	ng	99
13) 1,4-Dichlorobenzene	6.68	146	659438	46.40	ng	98
14) 1,2-Dichlorobenzene	6.91	146	624037	47.88	ng	98
15) Benzyl Alcohol	6.89	79	446201	49.15	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1258677	45.44	ng	89
17) 2-Methylphenol	7.01	107	514156	49.68	ng	# 90
18) Hexachloroethane	7.25	117	263935	49.70	ng	# 90
19) n-Nitroso-di-n-propylamine	7.17	70	501392	52.86	ng	# 78
20) 3+4-Methylphenols	7.16	107	540675	45.75	ng	93
22) Acetophenone	7.16	105	827776	50.47	ng	# 89
24) Nitrobenzene	7.33	77	799443	56.00	ng	94
25) Isophorone	7.57	82	1270636	47.58	ng	99
26) 2-Nitrophenol	7.64	139	319573	48.62	ng	# 70
27) 2,4-Dimethylphenol	7.69	122	550052	47.70	ng	90
28) bis(2-Chloroethoxy)methane	7.79	93	731170	50.25	ng	99
29) 2,4-Dichlorophenol	7.89	162	502665	51.66	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	549643	48.69	ng	99
31) Naphthalene	8.05	128	1762284	46.30	ng	99
32) Benzoic acid	7.82	122	230787	38.59	ng	87
33) 4-Chloroaniline	8.10	127	686007	48.13	ng	# 89
34) Hexachlorobutadiene	8.17	225	294688	46.57	ng	98
35) Caprolactam	8.49	113	147425	45.42	ng	# 58
36) 4-Chloro-3-methylphenol	8.59	107	521364	46.80	ng	90
37) 2-Methylnaphthalene	8.74	142	1026575	45.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	497564	49.17	ng	99
40) Hexachlorocyclopentadiene	8.89	237	214860	42.73	ng	97

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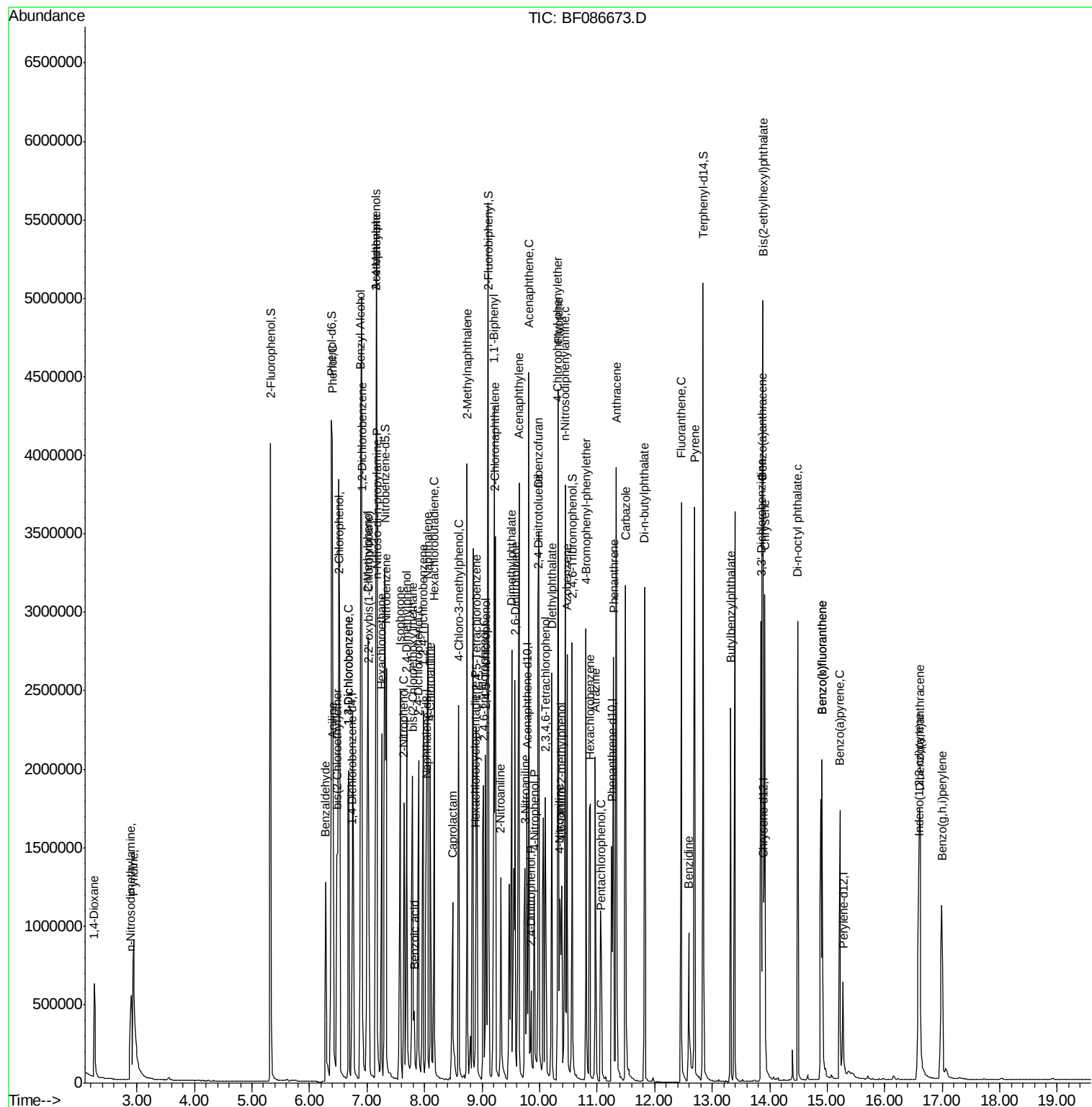
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	326150	50.99	nq	92
43) 2,4,5-Trichlorophenol	9.06	196	335038	48.05	nq #	84
45) 1,1'-Biphenyl	9.21	154	1393695	47.16	nq	97
46) 2-Chloronaphthalene	9.23	162	1070706	47.65	nq	96
47) 2-Nitroaniline	9.32	65	378902	52.59	nq #	74
48) Acenaphthylene	9.64	152	1603960	45.67	nq	99
49) Dimethylphthalate	9.52	163	1265005	47.53	nq	100
50) 2,6-Dinitrotoluene	9.57	165	268701	48.87	nq #	88
51) Acenaphthene	9.81	154	983204	43.59	nq	99
52) 3-Nitroaniline	9.74	138	321617	51.43	nq	97
53) 2,4-Dinitrophenol	9.85	184	87446	35.56	nq	92
54) Dibenzofuran	9.98	168	1299482	46.09	nq	97
55) 4-Nitrophenol	9.90	139	194748	47.56	nq #	59
56) 2,4-Dinitrotoluene	9.97	165	323884	46.21	nq #	85
57) Fluorene	10.33	166	1102457	45.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	239483	43.93	nq	98
59) Diethylphthalate	10.21	149	1217065	48.31	nq	96
60) 4-Chlorophenyl-phenylether	10.32	204	460712	41.45	nq	97
61) 4-Nitroaniline	10.35	138	307149	50.25	nq #	72
62) Azobenzene	10.48	77	1242847	45.04	nq	86
64) 4,6-Dinitro-2-methylphenol	10.38	198	170018	47.80	nq	88
65) n-Nitrosodiphenylamine	10.44	169	921985	48.69	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	291534	46.70	nq	99
67) Hexachlorobenzene	10.88	284	372256	51.52	nq	99
68) Atrazine	10.97	200	282314	49.65	nq	95
69) Pentachlorophenol	11.07	266	170660	44.80	nq	96
70) Phenanthrene	11.29	178	1601197	50.36	nq	100
71) Anthracene	11.33	178	1555157	45.83	nq	99
72) Carbazole	11.49	167	1509183	50.18	nq	99
73) Di-n-butylphthalate	11.82	149	1601640	47.01	nq #	98
74) Fluoranthene	12.46	202	1555062	48.45	nq	97
76) Benzidine	12.59	184	558698	42.59	nq	99
77) Pyrene	12.69	202	1601022	58.21	nq	99
79) Butylbenzylphthalate	13.32	149	717022	60.20	nq	94
80) Benzo(a)anthracene	13.87	228	1068158	52.49	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	684420	50.31	nq #	97
82) Chrysene	13.92	228	1233866	55.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	796117	53.84	nq	98
84) Di-n-octyl phthalate	14.49	149	1184486	51.16	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	1118184	68.23	nq	96
87) Benzo(b)fluoranthene	14.91	252	1904386	95.34	nq	98
88) Benzo(k)fluoranthene	14.91	252	1908278	91.59	nq	98
89) Benzo(a)pyrene	15.22	252	919517	48.76	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	919079	59.56	nq #	94
91) Benzo(g,h,i)perylene	16.99	276	960126	62.08	nq	96

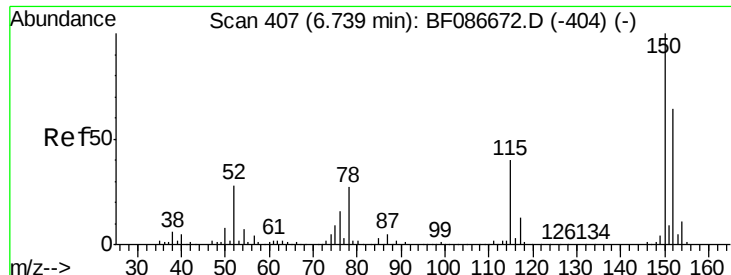
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

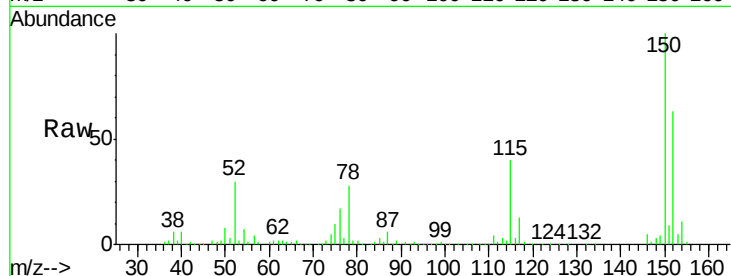
Tot Ion:152 Resp: 177333

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.6

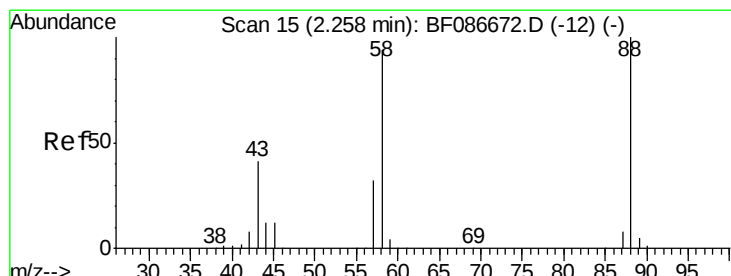
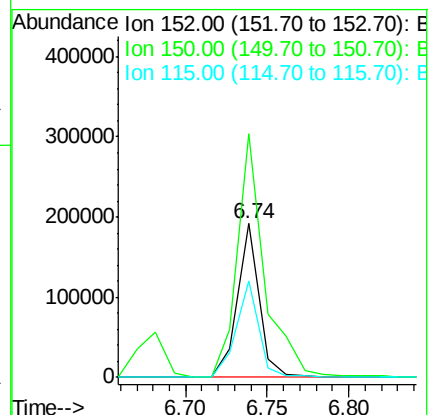
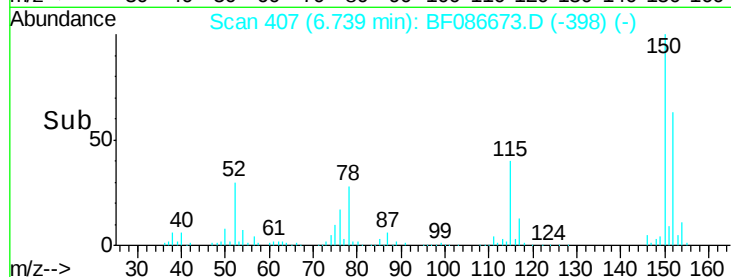
115 63.1 51.5 77.3



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: 49.01 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

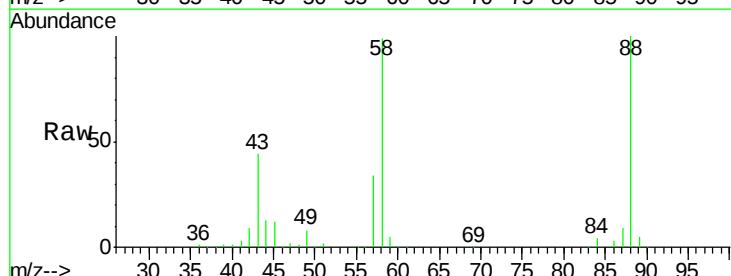
Tgt Ion: 88 Resp: 264667

Ion Ratio Lower Upper

88 100

58 95.3 59.6 89.4#

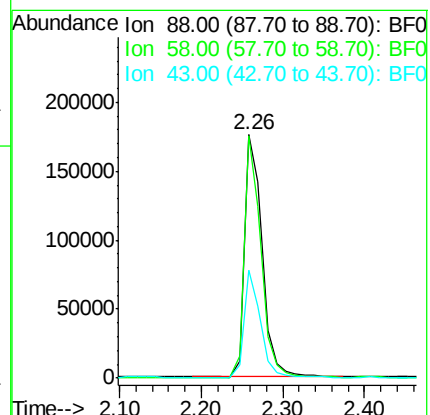
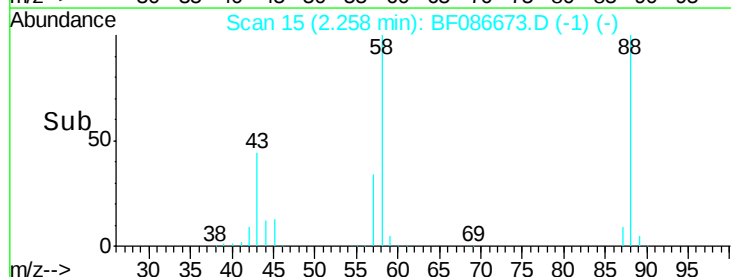
43 42.9 21.8 32.6#

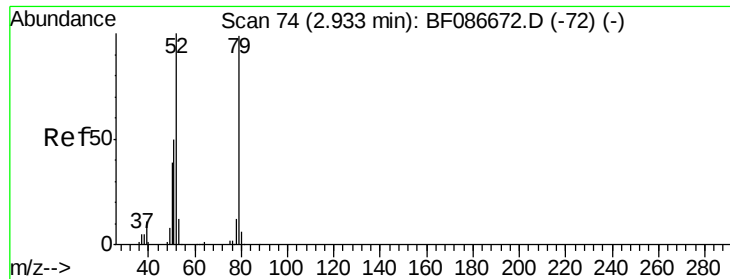


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 56.05 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

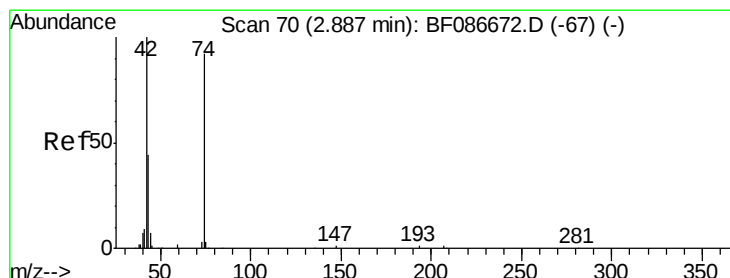
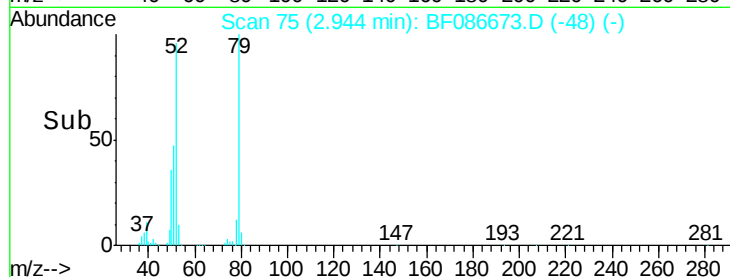
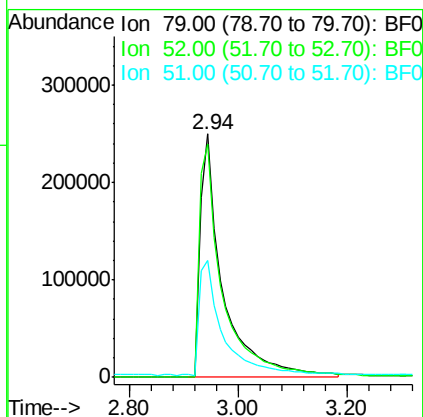
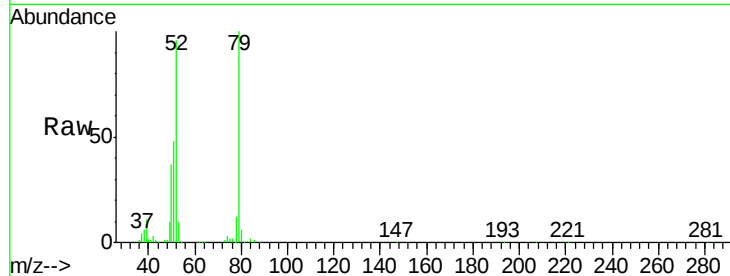
Tot Ion: 79 Resp: 716362

Ion Ratio Lower Upper

79 100

52 96.0 55.9 83.9#

51 47.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 60.66 ng

RT: 2.90 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

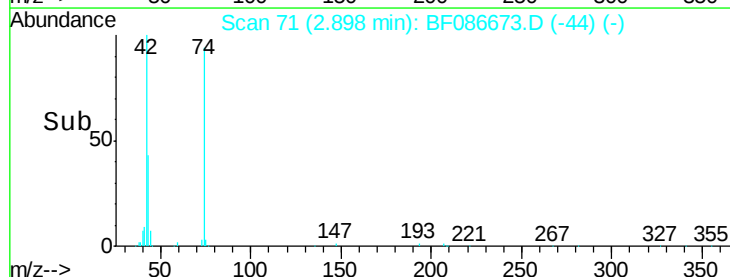
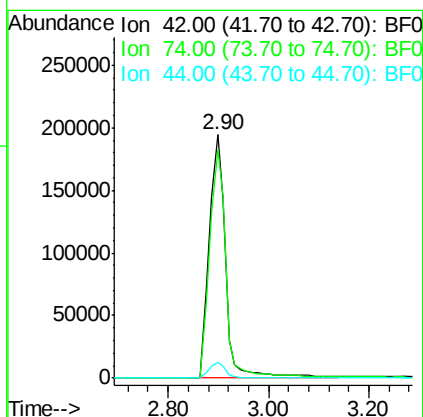
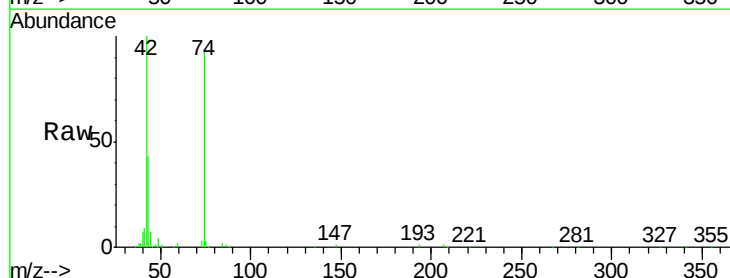
Tgt Ion: 42 Resp: 441910

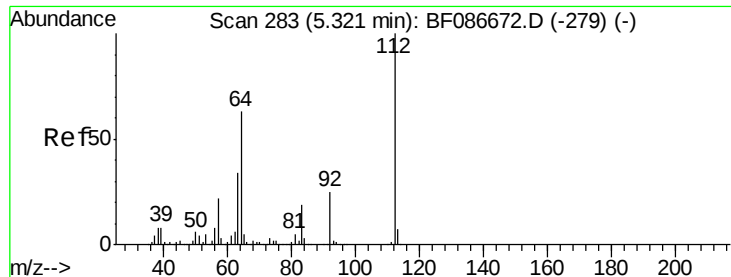
Ion Ratio Lower Upper

42 100

74 93.9 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 102.91 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086673.D

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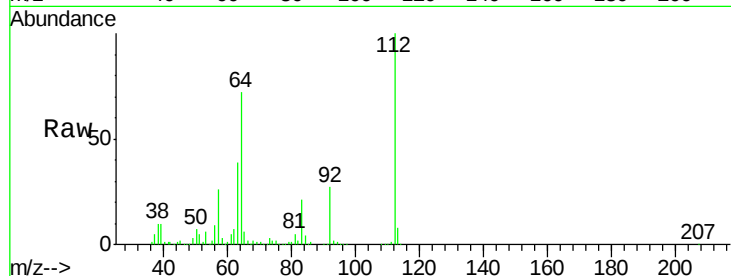
Tot Ion:112 Resp: 1058040

Ion Ratio Lower Upper

112 100

64 71.9 52.1 78.1

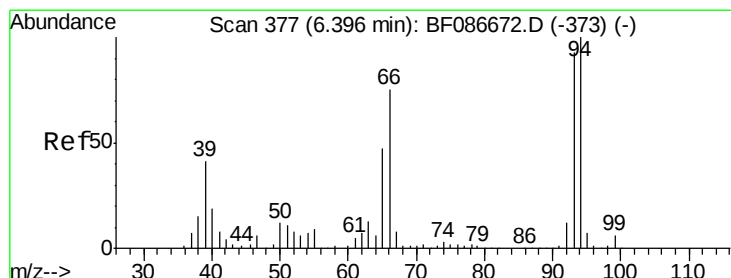
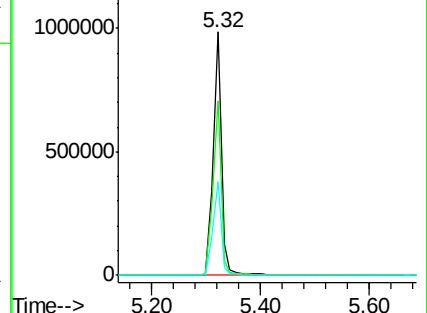
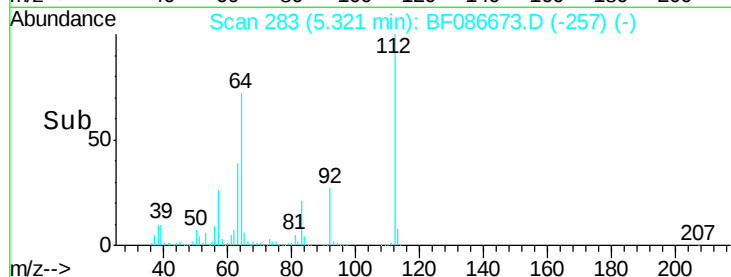
63 38.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 51.42 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

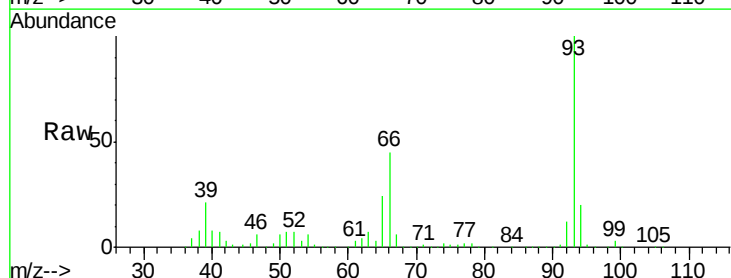
Tgt Ion: 93 Resp: 892813

Ion Ratio Lower Upper

93 100

66 45.4 39.0 58.6

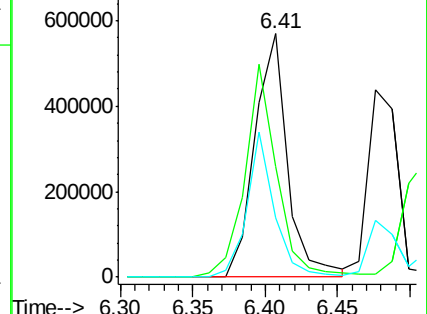
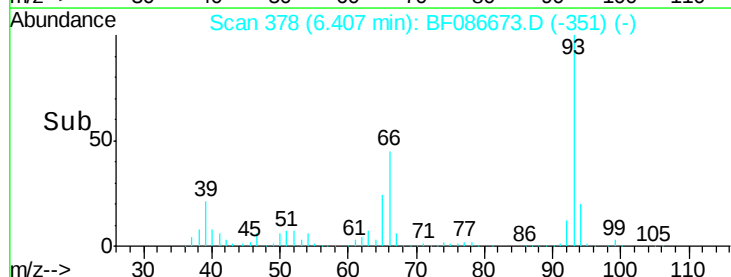
65 24.4 20.6 31.0

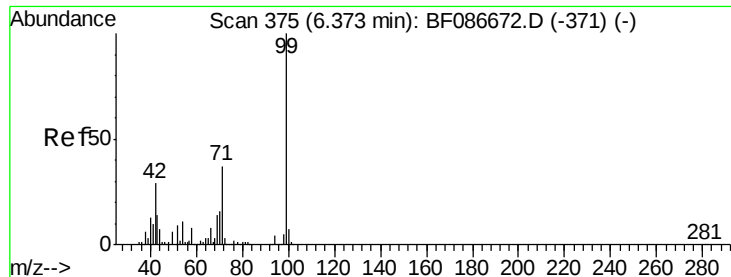


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.32 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

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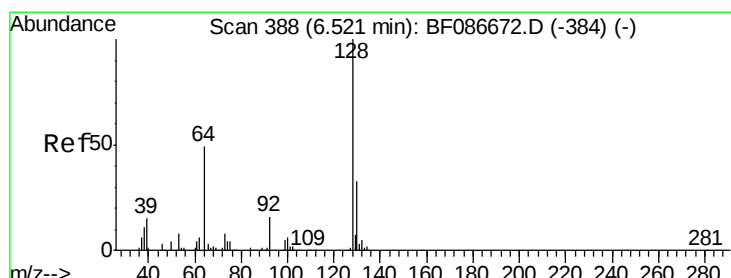
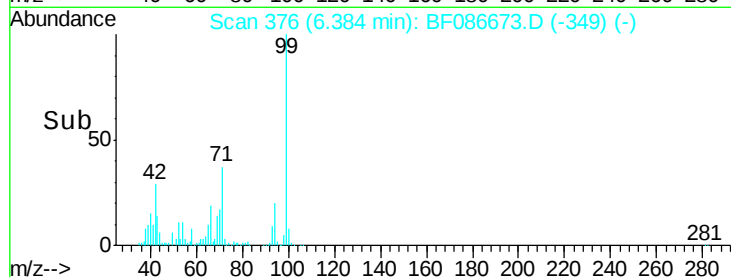
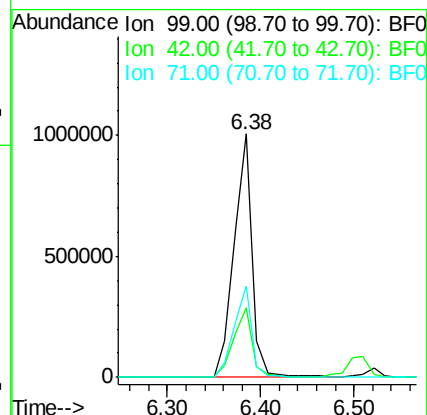
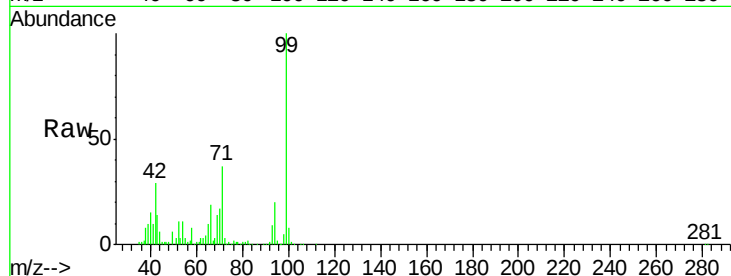
Tot Ion: 99 Resp: 1367761

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 37.3 24.6 36.8#



#8

2-Chlorophenol

Concen: 46.61 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

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Acq: 4 May 2016 13:14

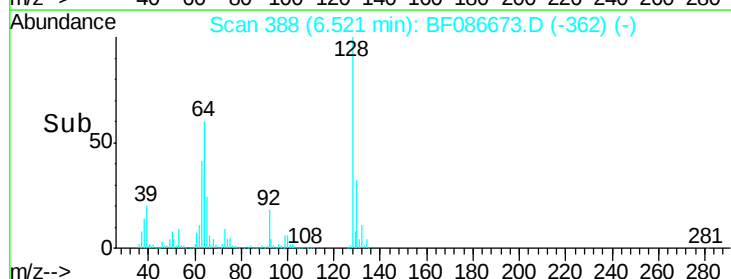
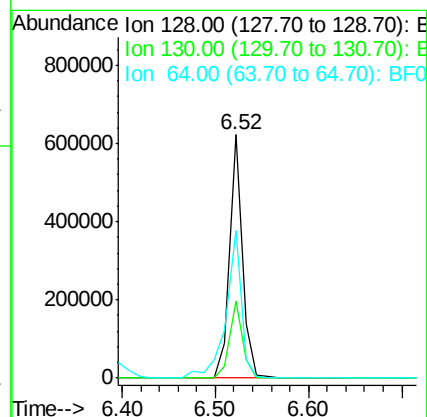
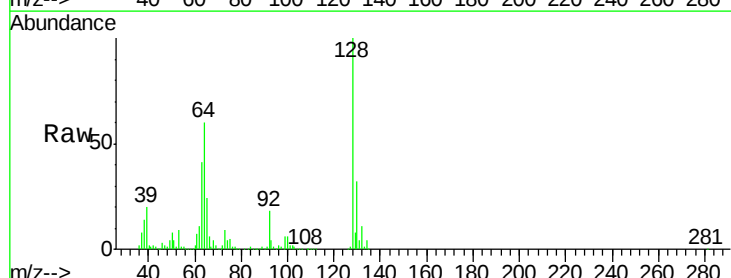
Tgt Ion: 128 Resp: 596819

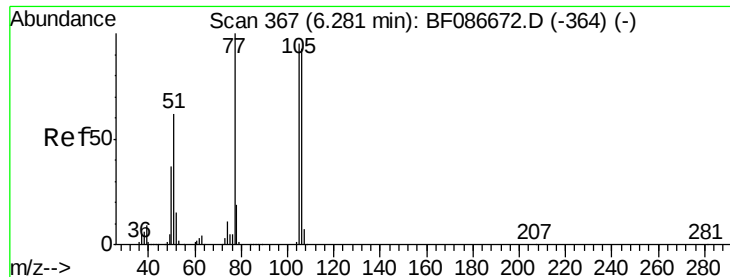
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 60.4 27.3 67.3





#9

Benzaldehyde

Concen: 40.72 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

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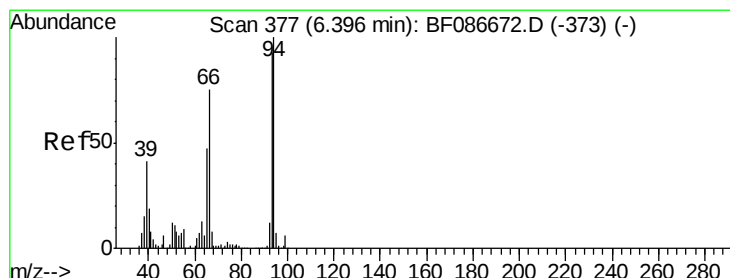
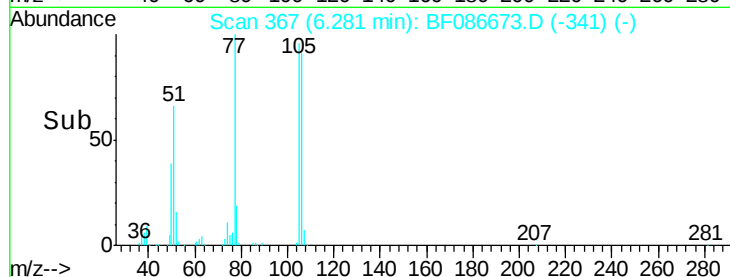
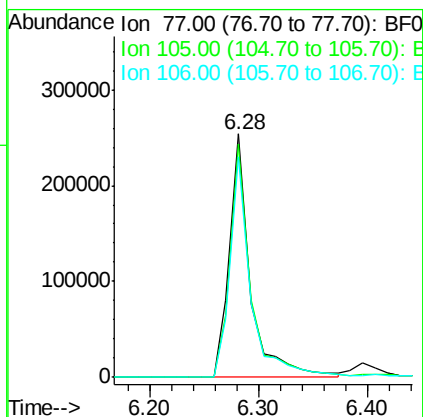
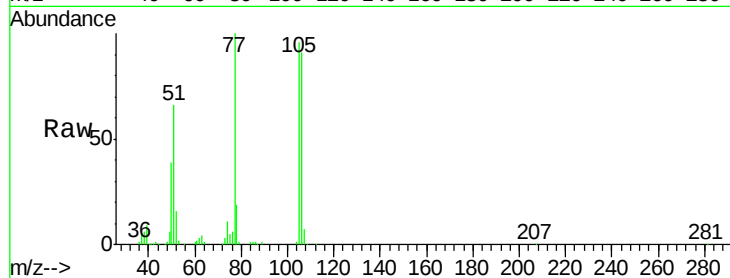
Tot Ion: 77 Resp: 339933

Ion Ratio Lower Upper

77 100

105 95.7 72.7 112.7

106 90.6 70.8 110.8



#10

Phenol

Concen: 49.19 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

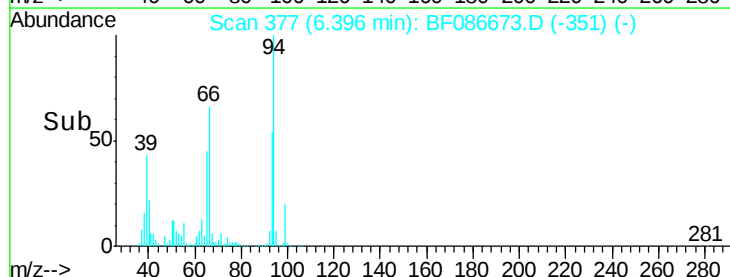
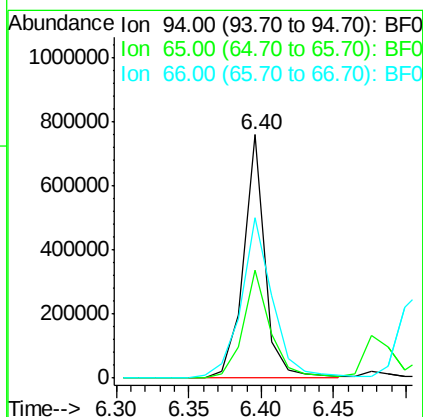
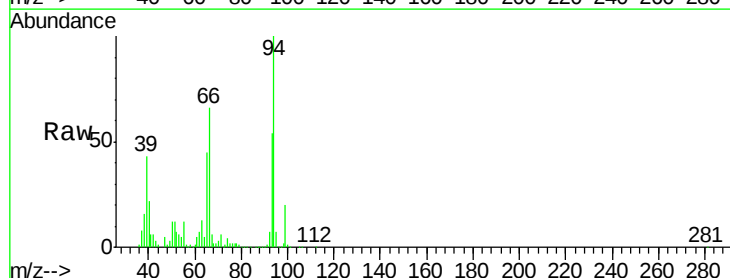
Tgt Ion: 94 Resp: 787442

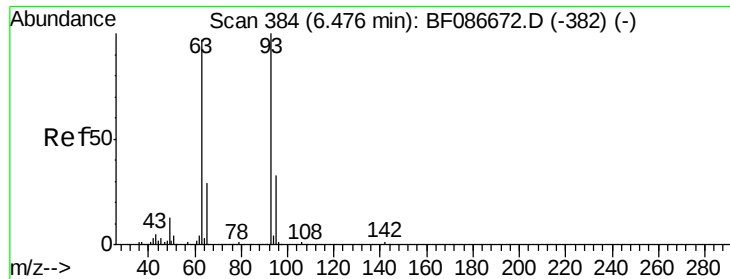
Ion Ratio Lower Upper

94 100

65 44.5 7.2 47.2

66 65.6 14.9 54.9#

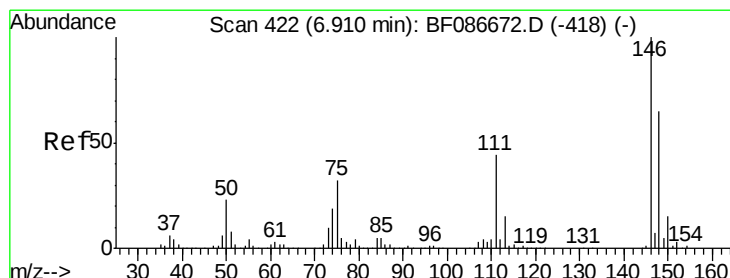
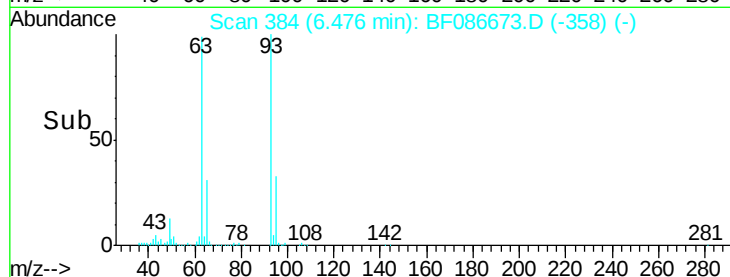
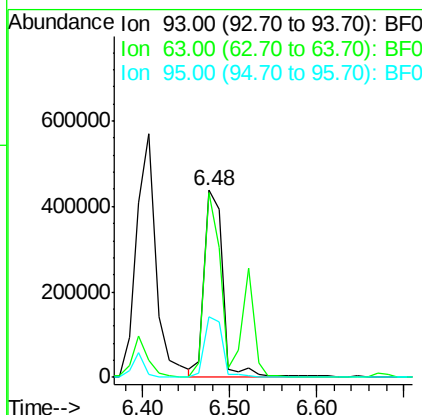
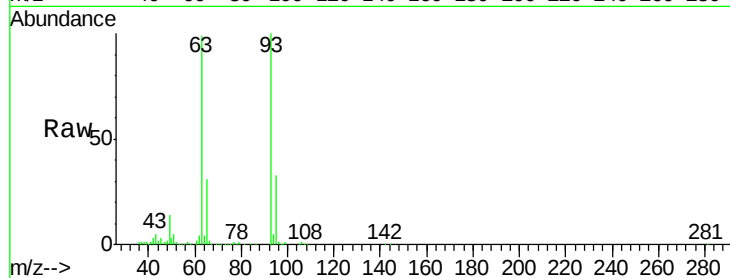




#11
bis(2-Chloroethyl)ether
Concen: 46.34 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

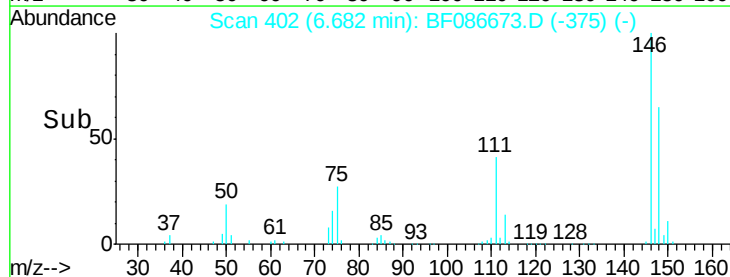
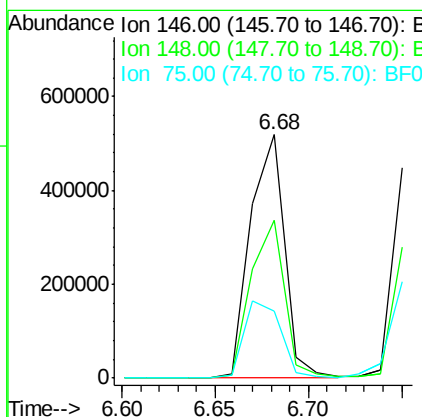
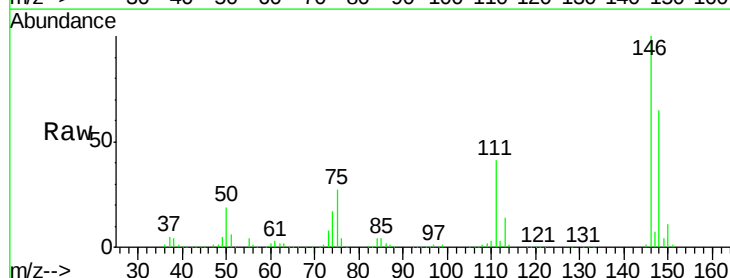
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 93 Resp: 641370
Ion Ratio Lower Upper
93 100
63 98.8 58.0 98.0#
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 47.88 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion: 146 Resp: 659438
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
75 27.5 22.8 34.2

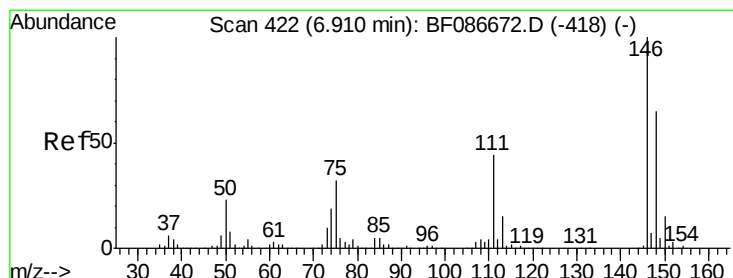
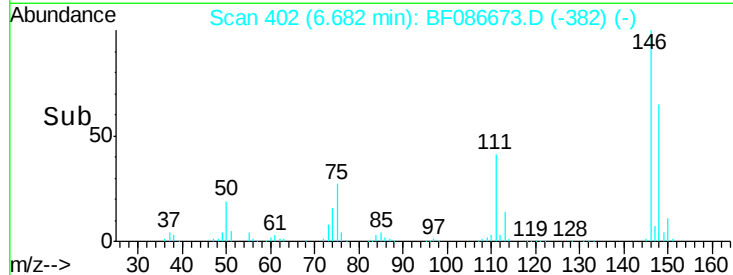
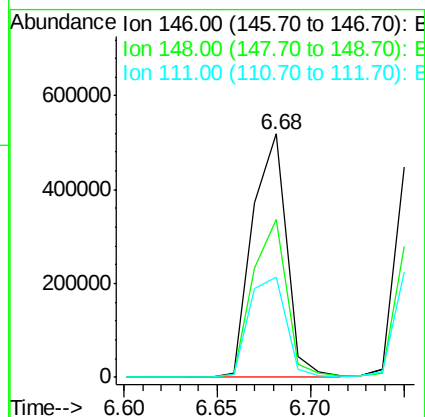
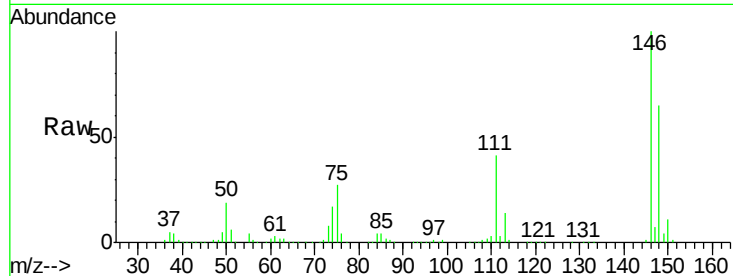




#13
 1,4-Dichlorobenzene
 Concen: 46.40 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.07 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

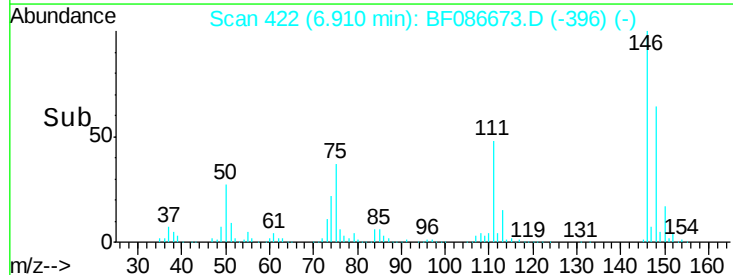
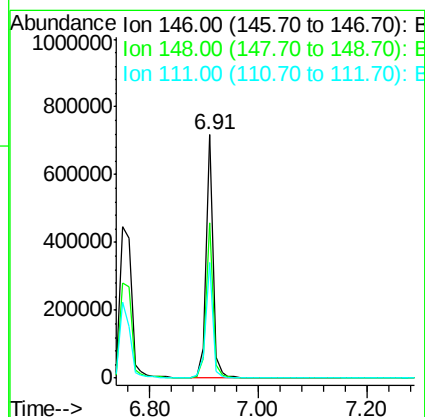
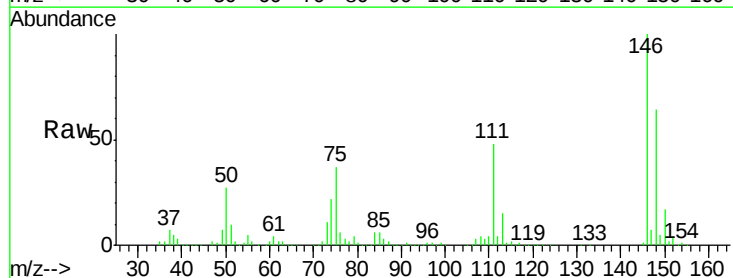
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

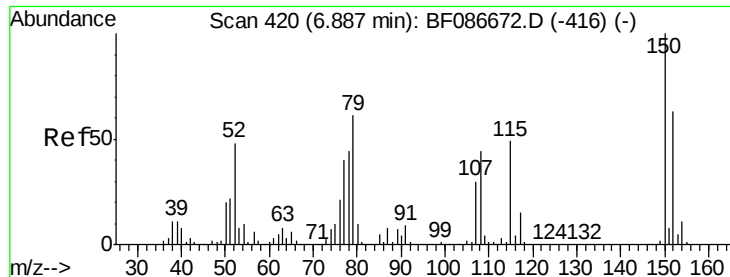
Tot Ion:146 Resp: 659438
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 41.0 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 47.88 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:146 Resp: 624037
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 47.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 49.15 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

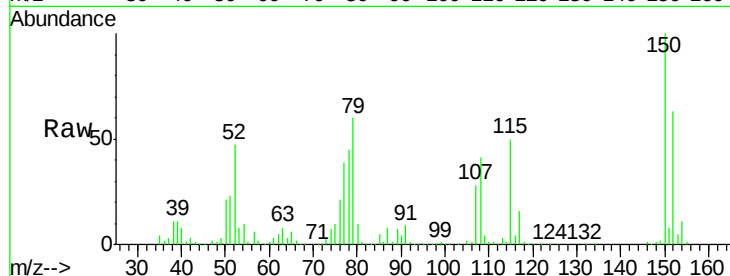
Tot Ion: 79 Resp: 446201

Ion Ratio Lower Upper

79 100

108 68.9 68.4 102.6

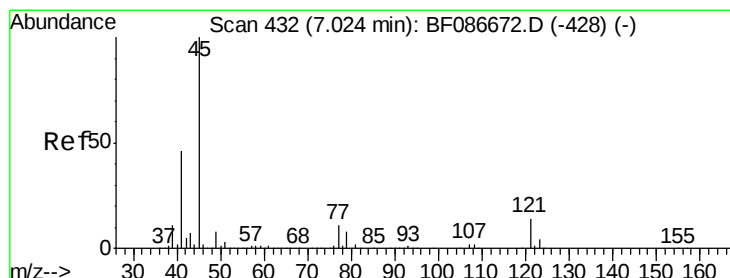
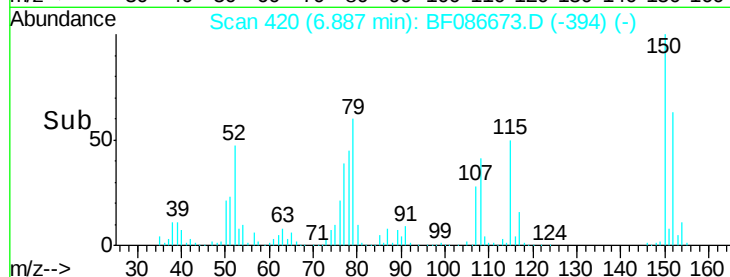
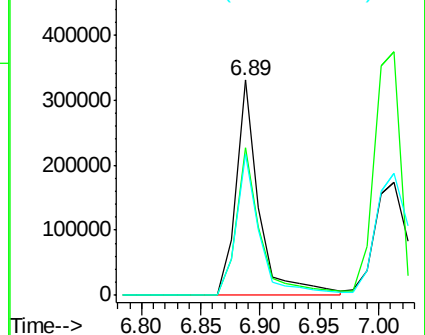
77 65.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.44 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

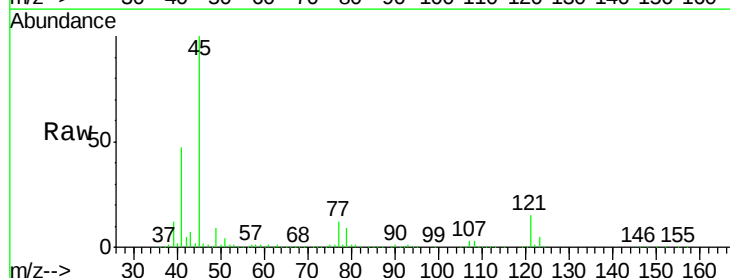
Tgt Ion: 45 Resp: 1258677

Ion Ratio Lower Upper

45 100

77 11.5 0.0 36.4

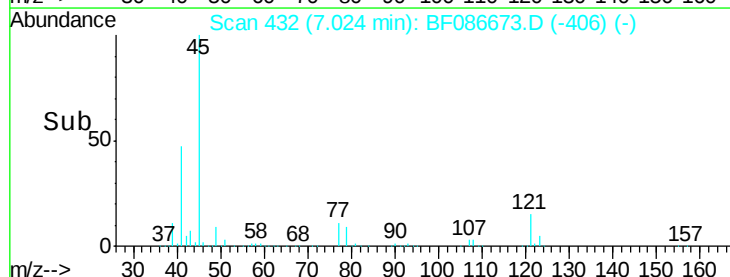
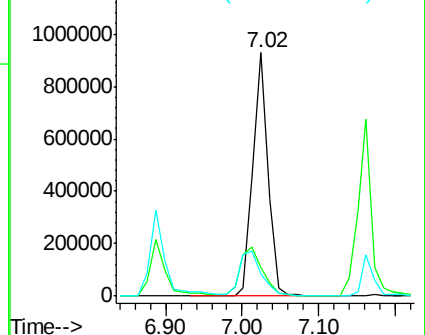
79 9.0 0.0 33.4

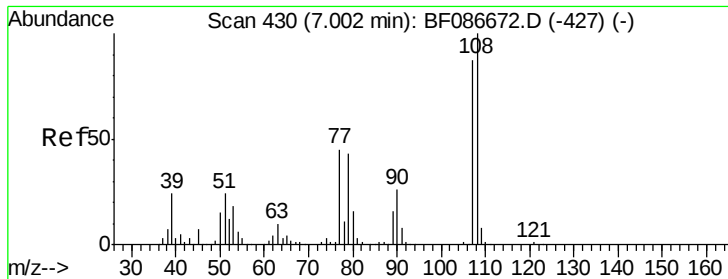


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 49.68 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 514156

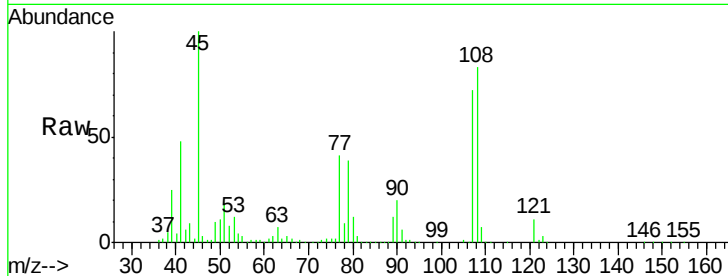
Ion Ratio Lower Upper

107 100

108 114.9 93.7 140.5

77 57.4 33.4 50.0#

79 53.5 34.3 51.5#

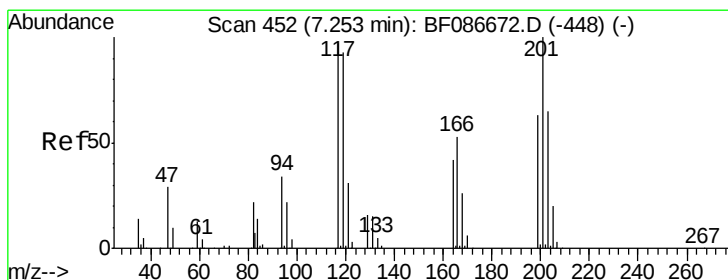
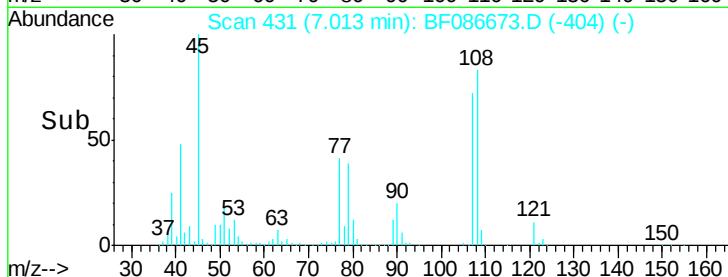
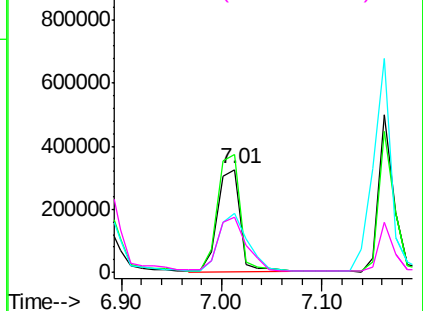


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.70 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

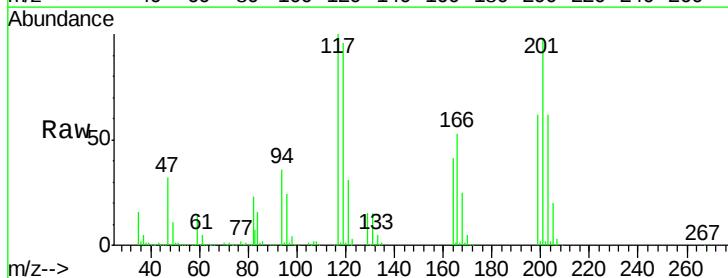
Tgt Ion:117 Resp: 263935

Ion Ratio Lower Upper

117 100

119 95.8 76.5 114.7

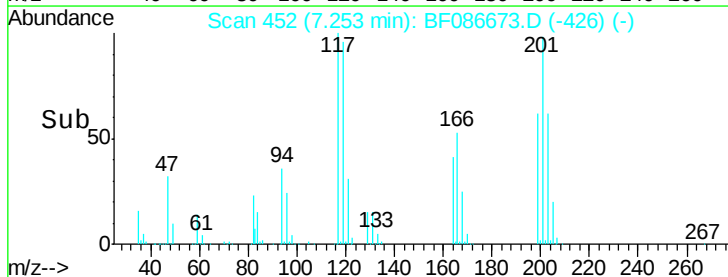
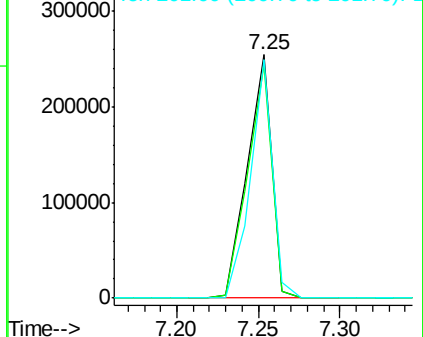
201 97.8 63.0 94.6#

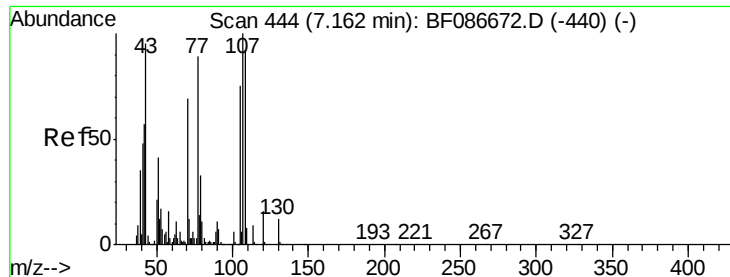


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

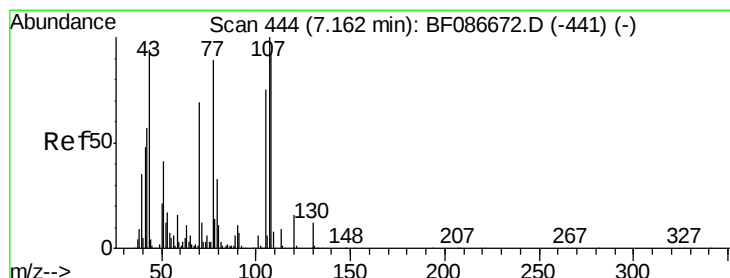
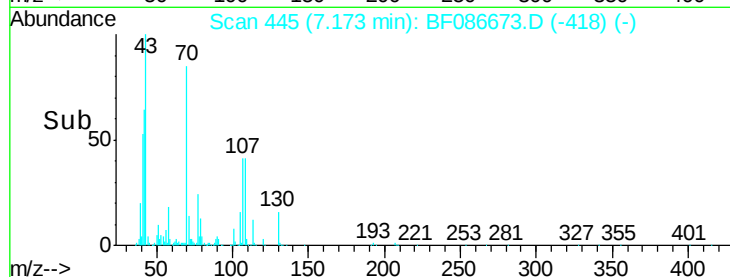
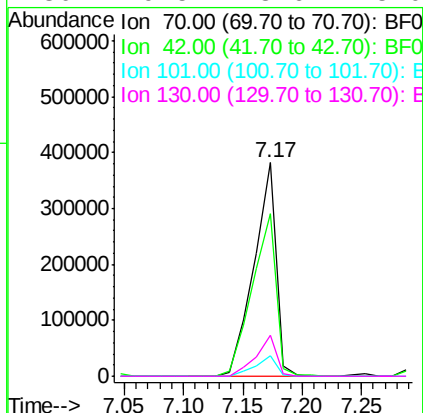
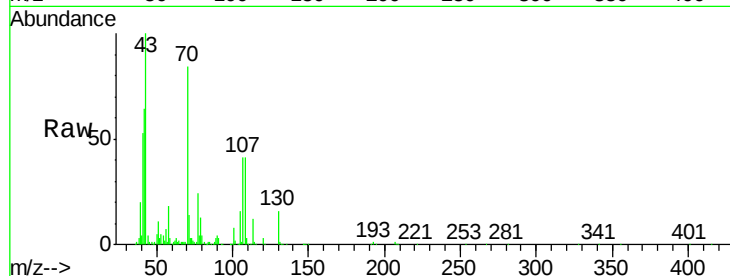




#19
n-Nitroso-di-n-propylamine
Concen: 52.86 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

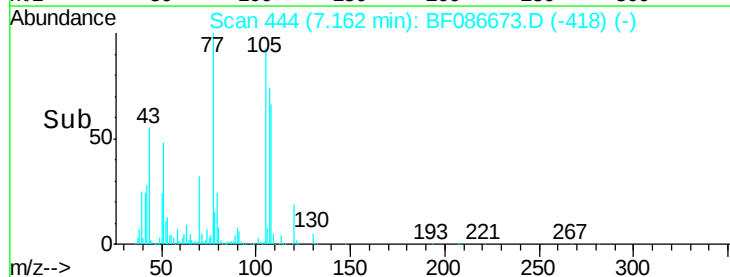
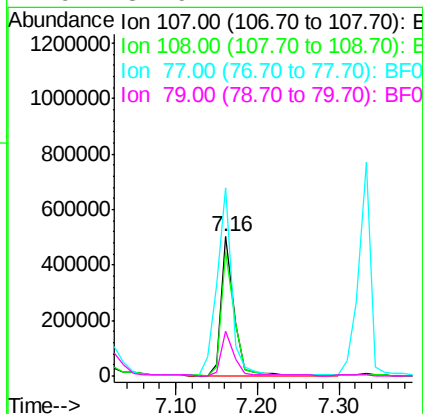
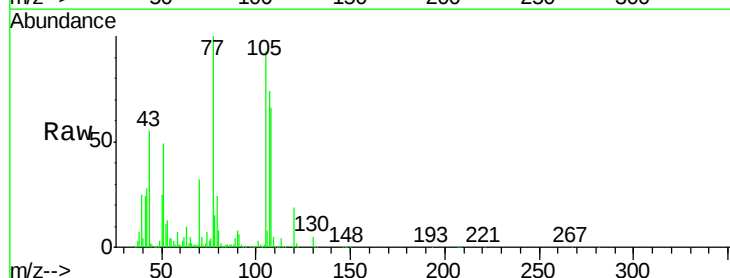
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

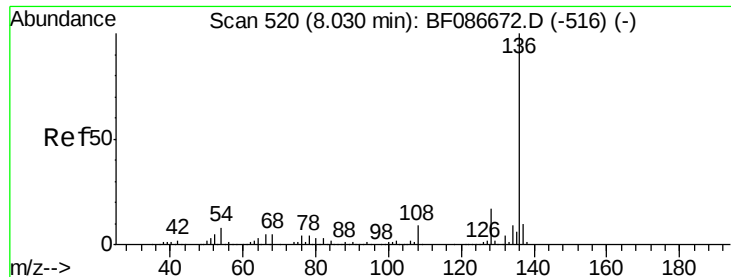
Tot Ion: 70 Resp: 501392
Ion Ratio Lower Upper
70 100
42 76.3 43.1 64.7#
101 9.3 8.1 12.1
130 19.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 45.75 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion: 107 Resp: 540675
Ion Ratio Lower Upper
107 100
108 88.9 68.5 108.5
77 135.1 101.6 141.6
79 31.9 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 747994

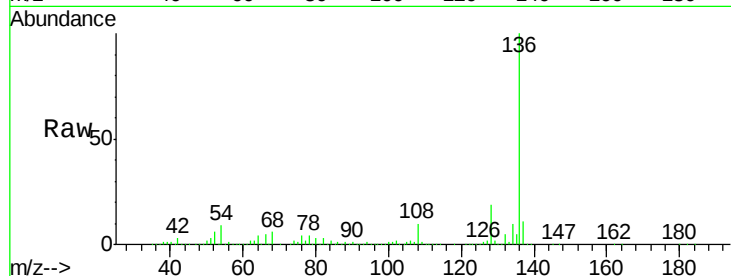
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.3 5.0 7.4#

68 5.6 4.4 6.6

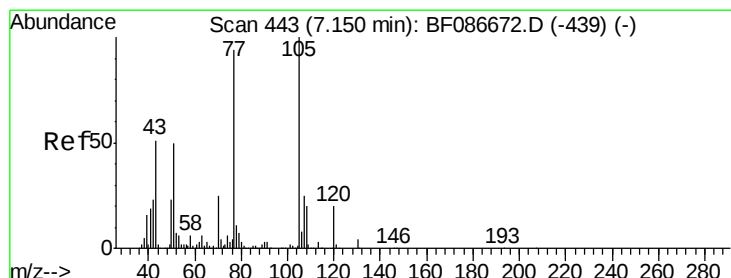
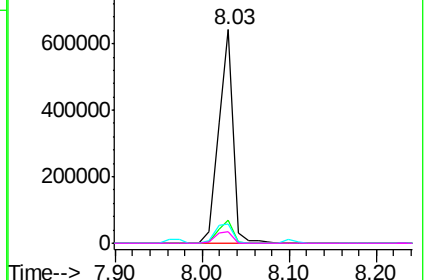
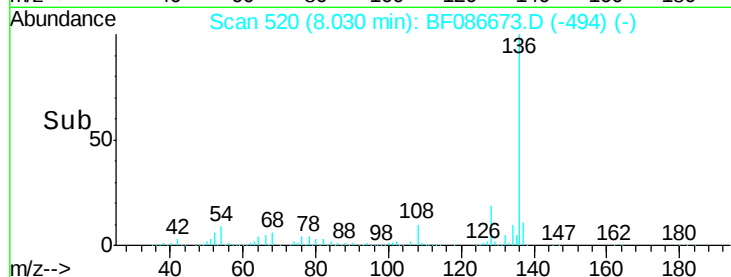


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 50.47 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Tgt Ion:105 Resp: 827776

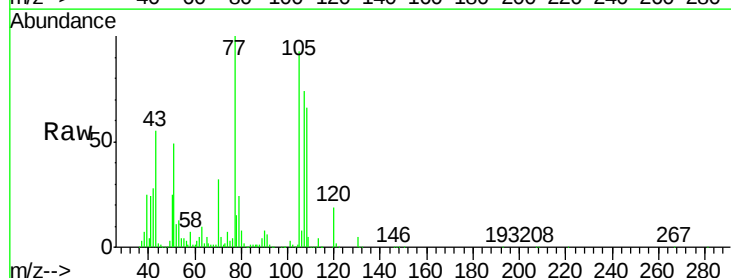
Ion Ratio Lower Upper

105 100

71 5.9 4.8 7.2

51 52.5 32.6 49.0#

120 20.5 16.5 24.7

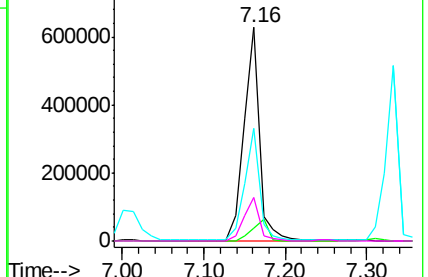
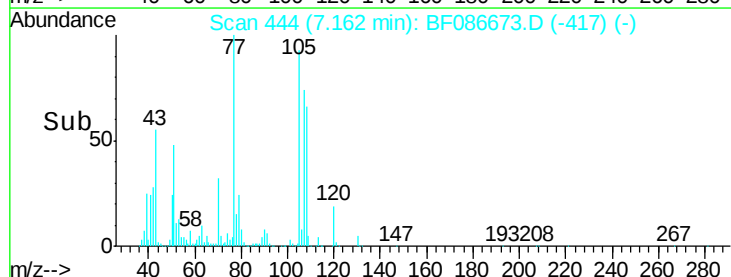


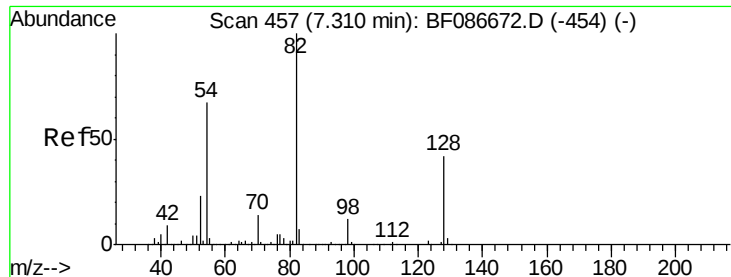
Abundance Ion 105.00 (104.70 to 105.70): E

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

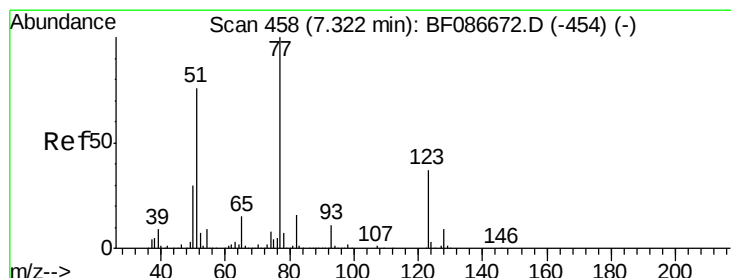
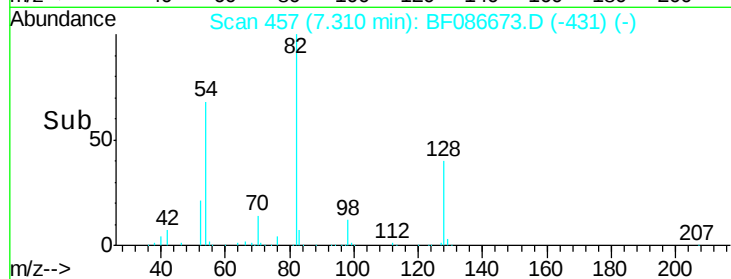
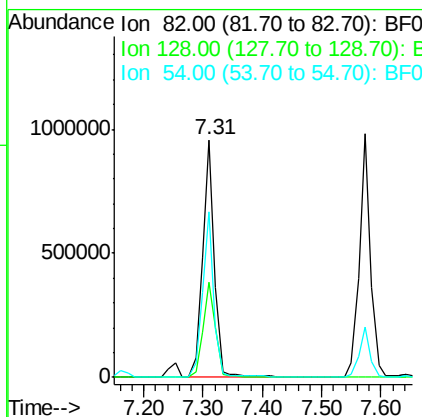
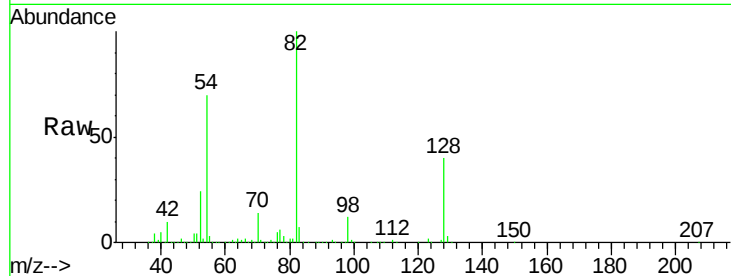




#23
 Nitrobenzene-d5
 Concen: 97.68 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

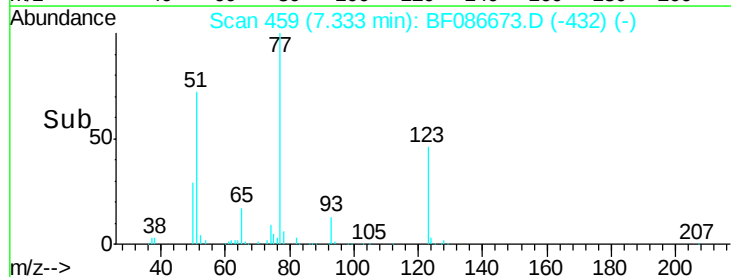
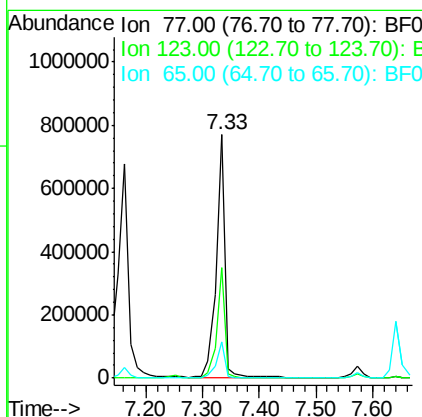
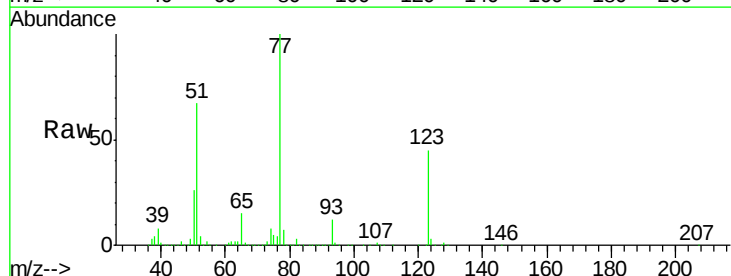
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

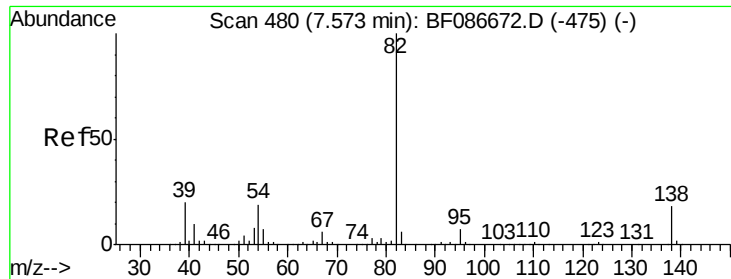
Tot Ion: 82 Resp: 1355535
 Ion Ratio Lower Upper
 82 100
 128 39.9 40.6 61.0#
 54 70.0 38.1 57.1#



#24
 Nitrobenzene
 Concen: 56.00 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion: 77 Resp: 799443
 Ion Ratio Lower Upper
 77 100
 123 45.4 33.0 49.4
 65 14.9 10.8 16.2





#25

Isophorone

Concen: 47.58 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

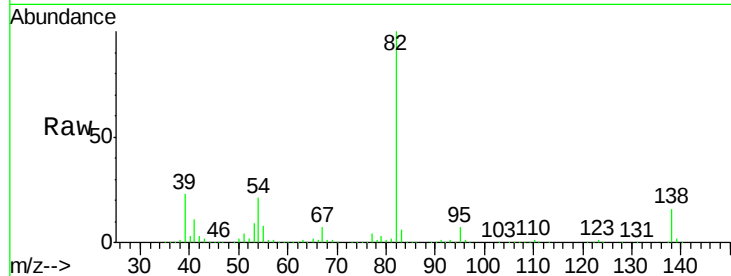
Tot Ion: 82 Resp: 1270636

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

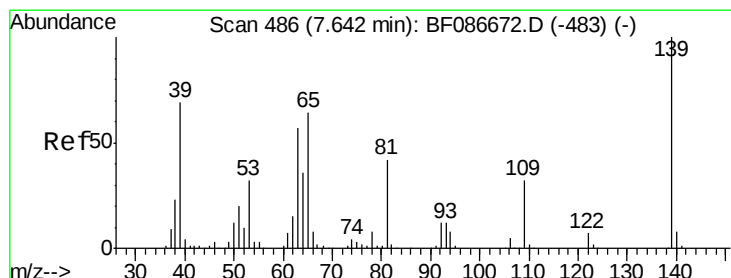
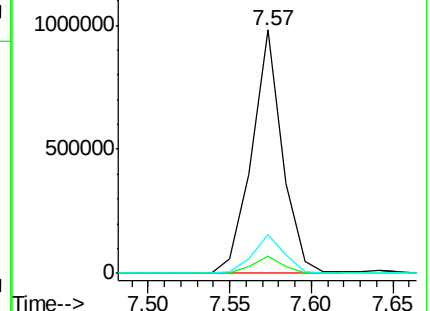
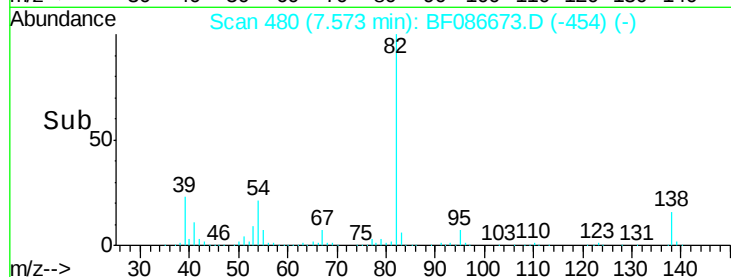
138 15.7 12.4 18.6



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: 48.62 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

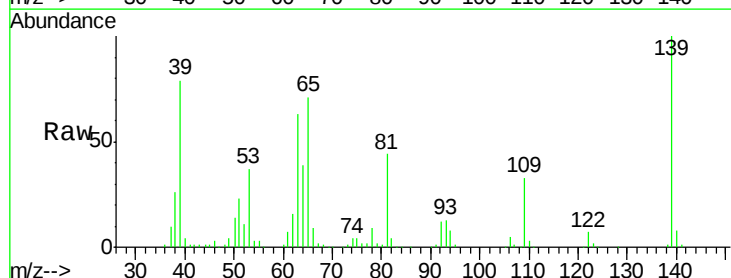
Tgt Ion: 139 Resp: 319573

Ion Ratio Lower Upper

139 100

109 33.0 19.5 29.3#

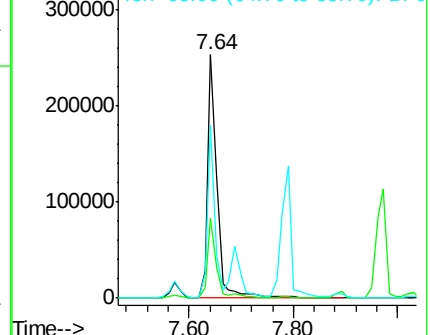
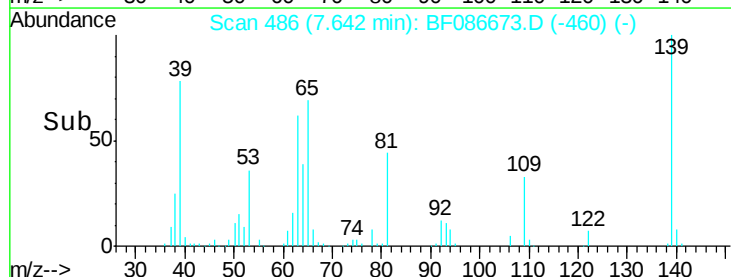
65 71.1 37.5 56.3#

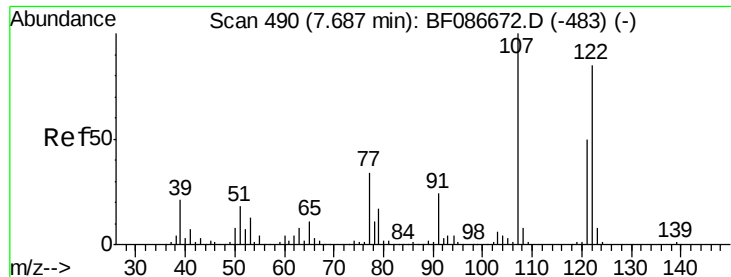


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.70 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

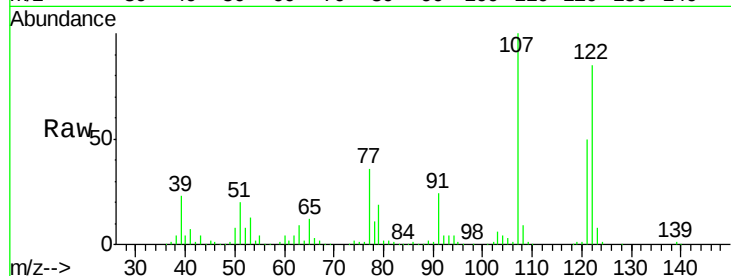
Tot Ion:122 Resp: 550052

Ion Ratio Lower Upper

122 100

107 118.0 82.0 123.0

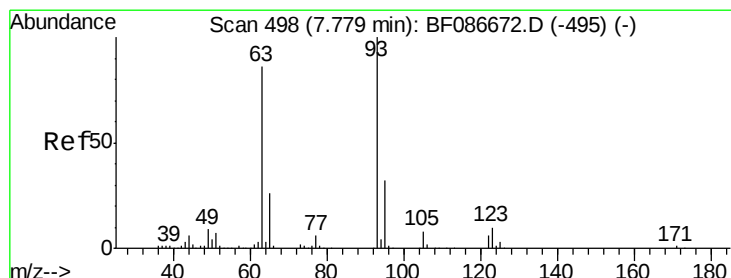
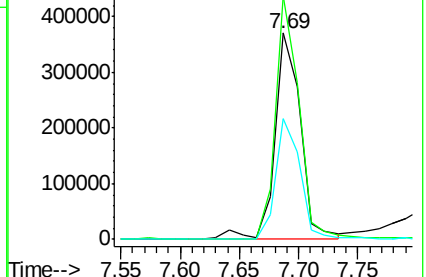
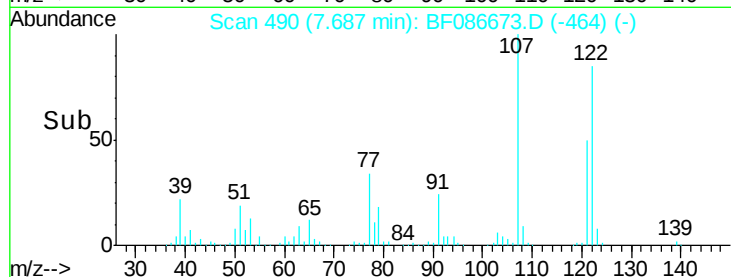
121 58.6 46.1 69.1



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: 50.25 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

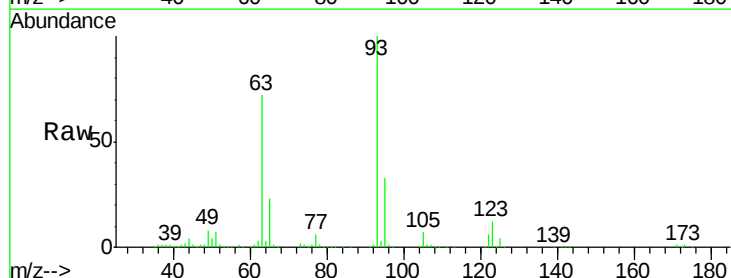
Tgt Ion: 93 Resp: 731170

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

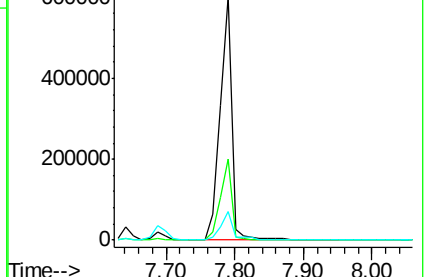
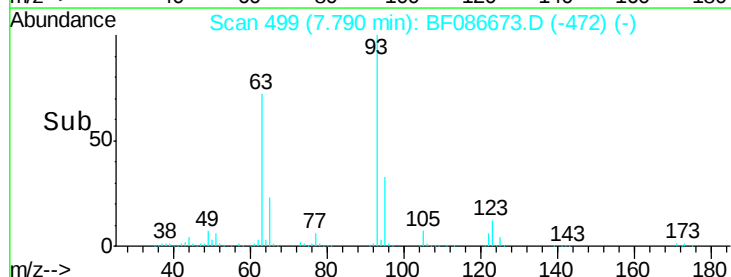
123 11.7 9.5 14.3

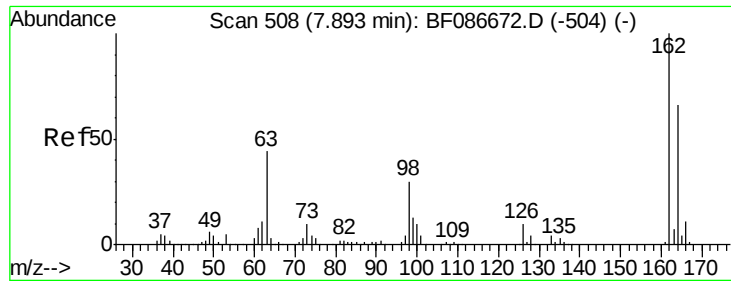


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

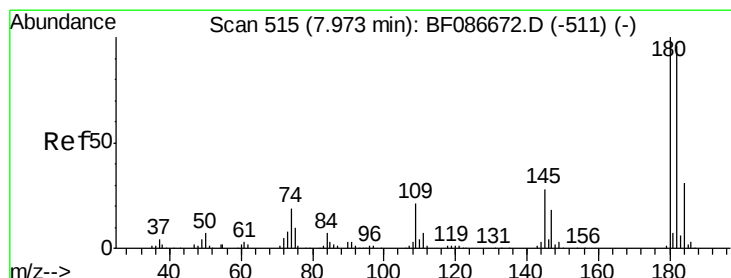
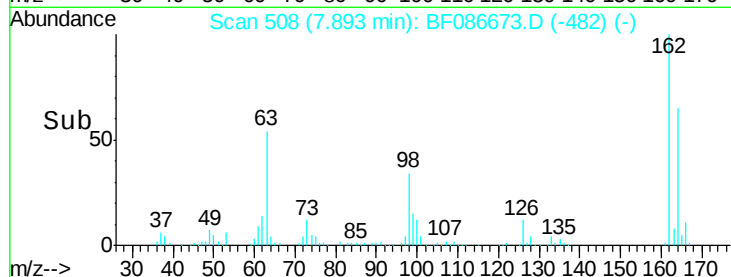
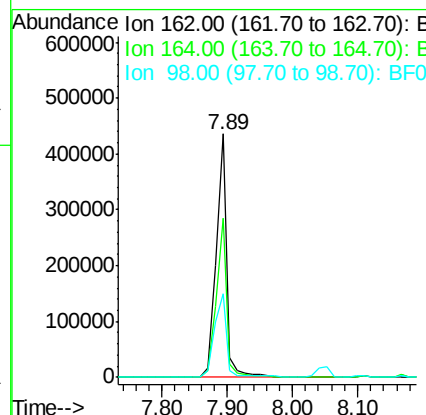
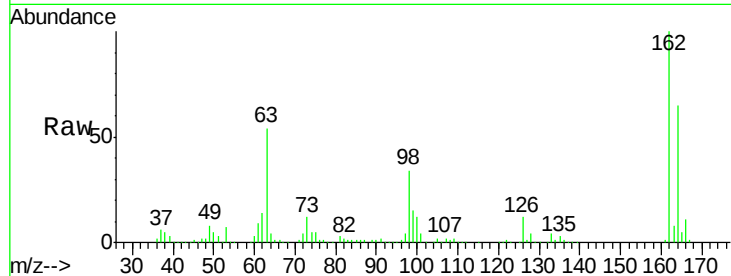




#29
 2,4-Dichlorophenol
 Concen: 51.66 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

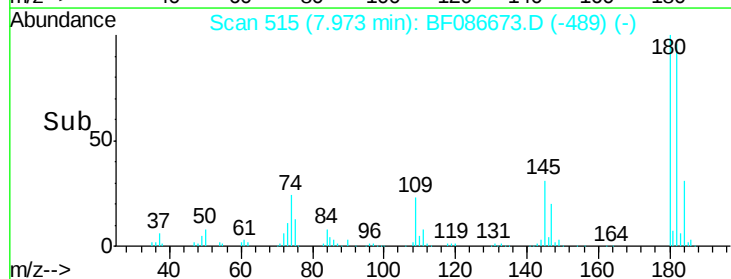
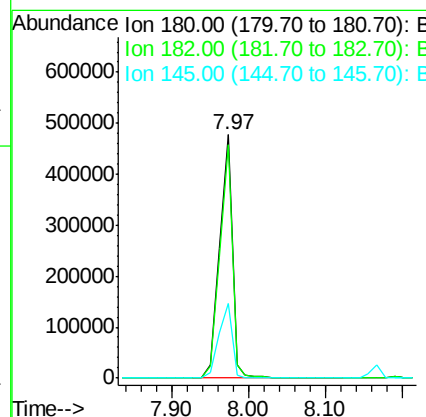
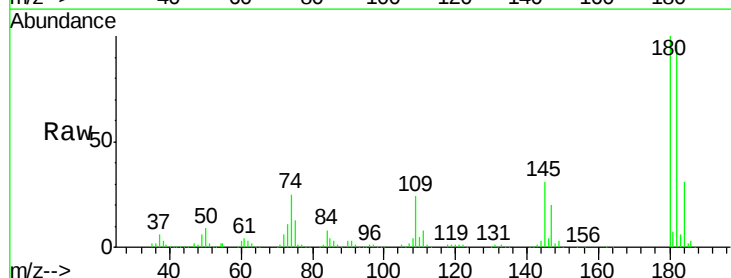
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

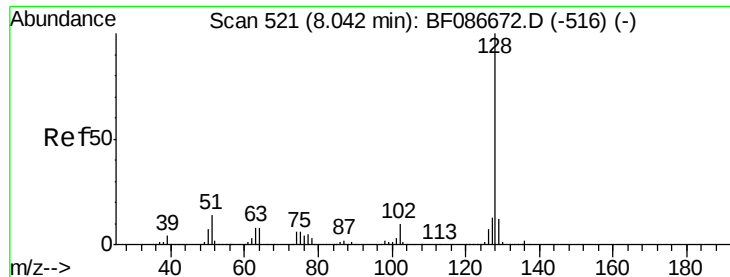
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.2	82.2
98	34.5	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 48.69 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.0	117.0
145	30.7	24.2	36.2

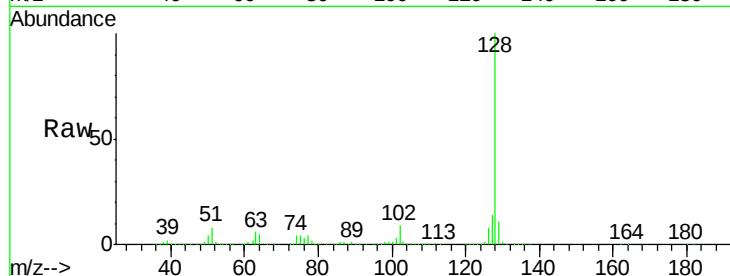




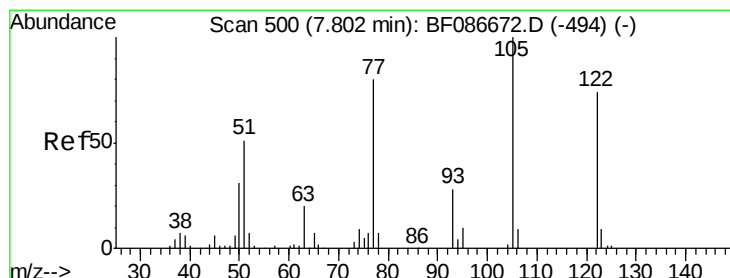
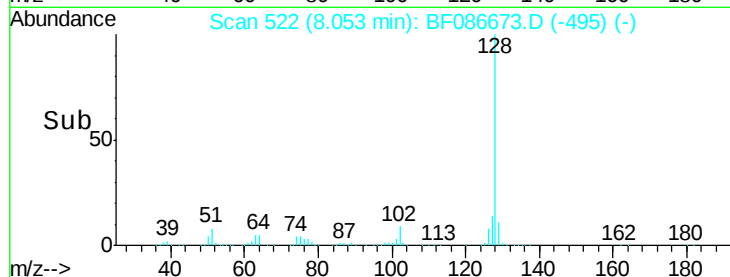
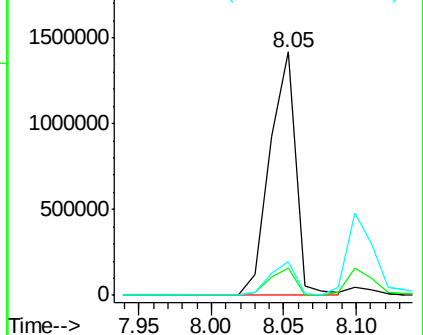
#31
Naphthalene
Concen: 46.30 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:128 Resp: 1762284
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.8 16.2

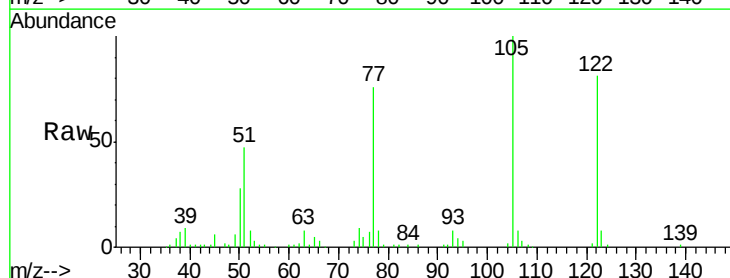


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

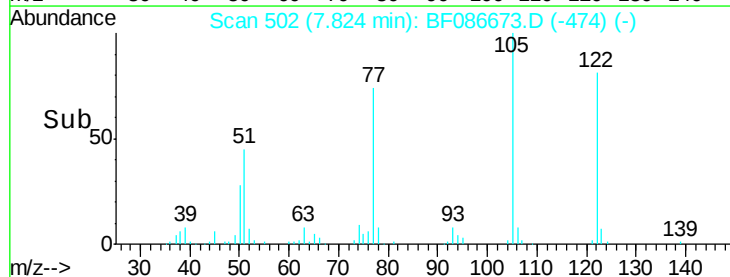
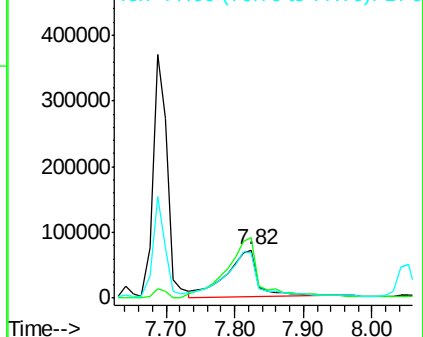


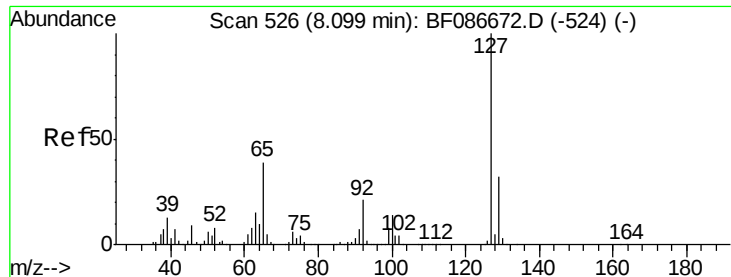
#32
Benzoic acid
Concen: 38.59 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.02 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:122 Resp: 230787
Ion Ratio Lower Upper
122 100
105 124.2 92.6 132.6
77 94.2 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

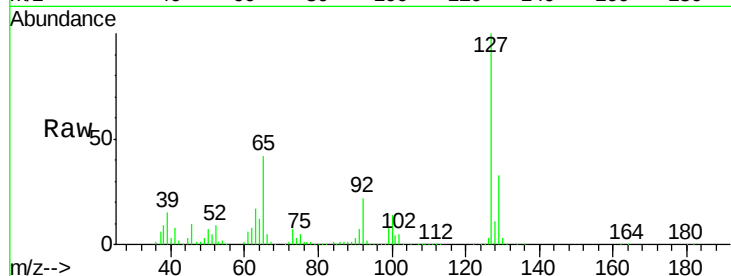




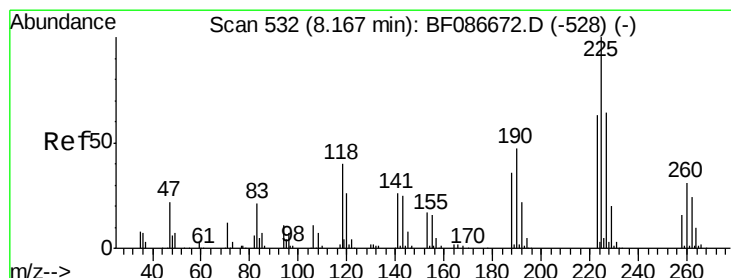
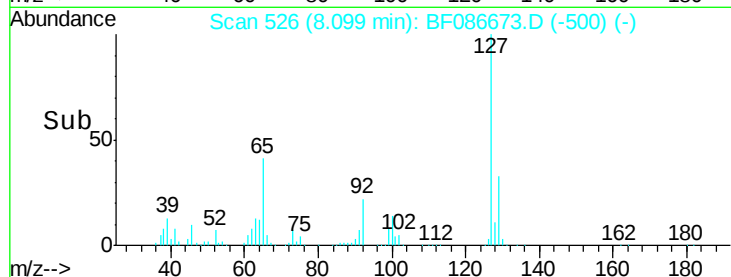
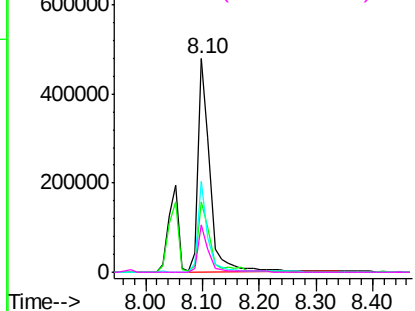
#33
4-Chloroaniline
Concen: 48.13 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	127	Resp:	686007
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	42.4	23.0	34.4
92	22.2	15.1	22.7

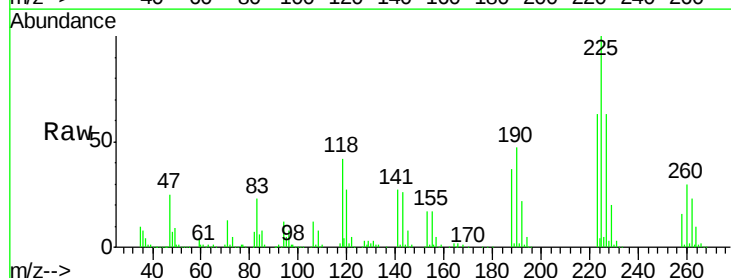


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

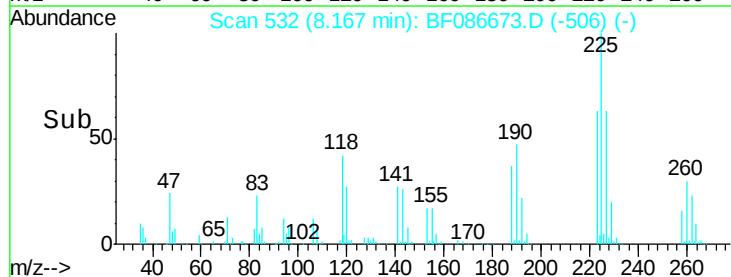
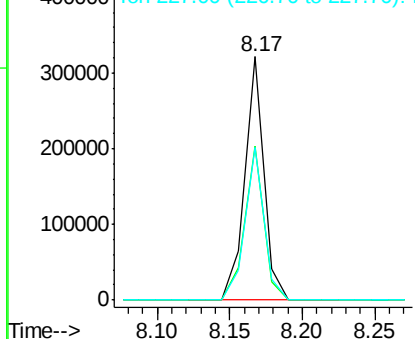


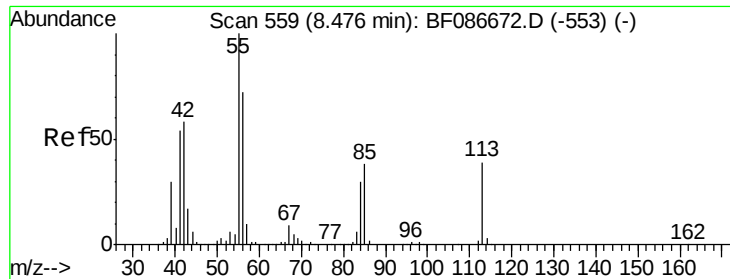
#34
Hexachlorobutadiene
Concen: 46.57 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:	225	Resp:	294688
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.5	77.3
227	62.7	52.2	78.2



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





#35

Caprolactam

Concen: 45.42 ng

RT: 8.49 min Scan# 560

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

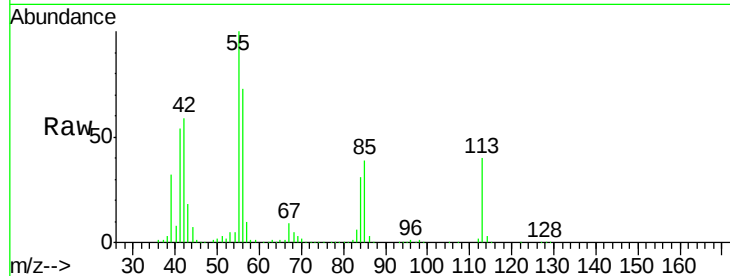
Tot Ion:113 Resp: 147425

Ion Ratio Lower Upper

113 100

55 247.5 162.0 202.0#

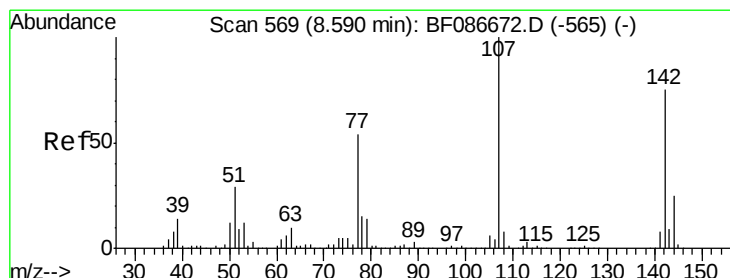
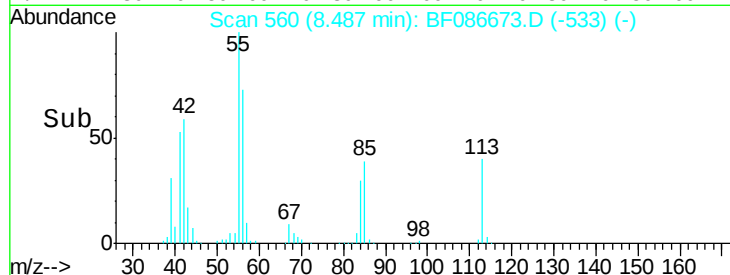
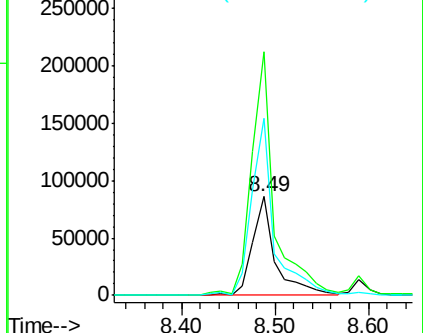
56 180.0 115.3 155.3#



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: 46.80 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

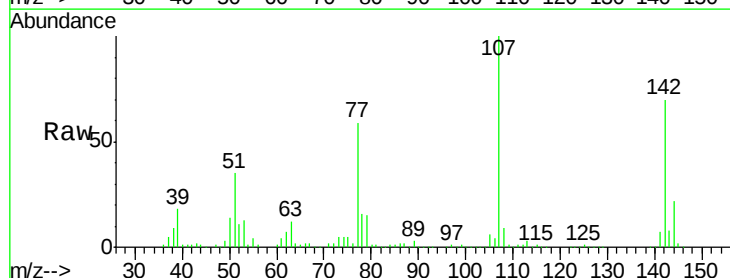
Tgt Ion:107 Resp: 521364

Ion Ratio Lower Upper

107 100

144 22.1 20.7 31.1

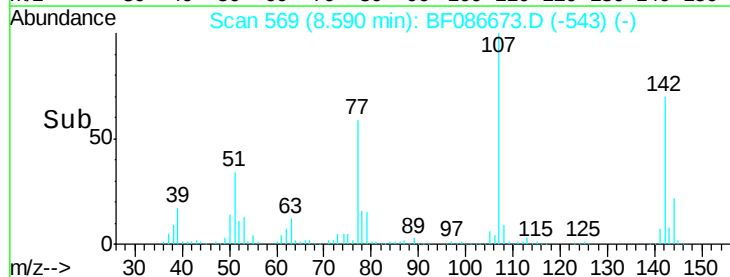
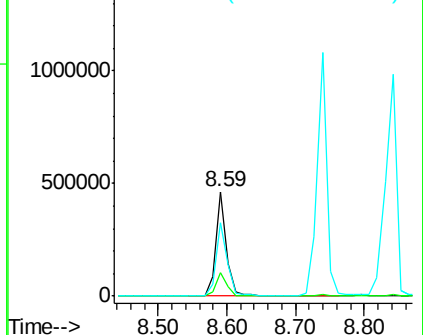
142 69.7 63.2 94.8

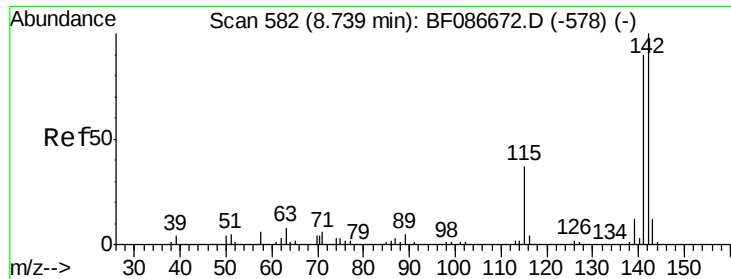


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

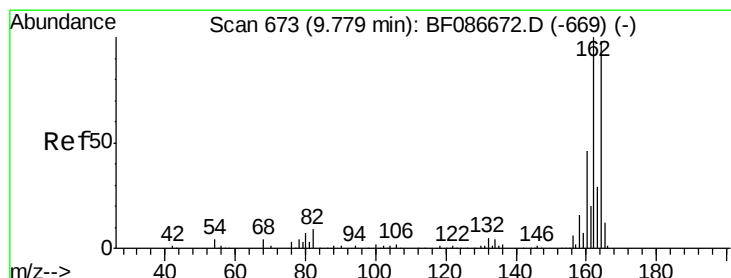
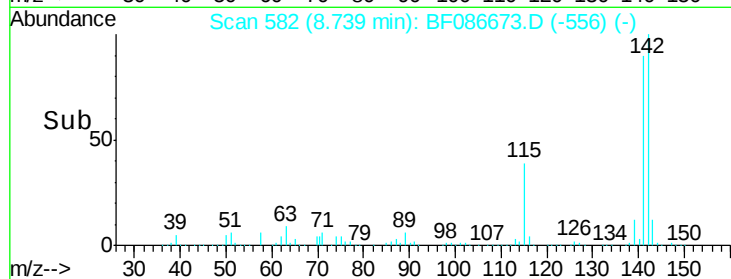
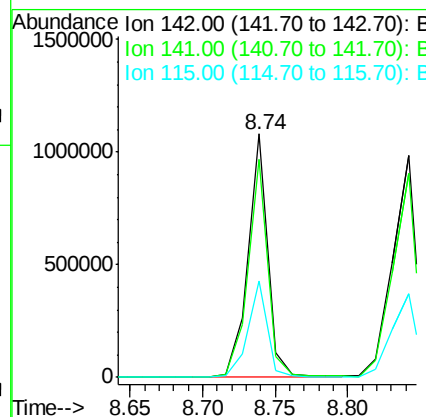
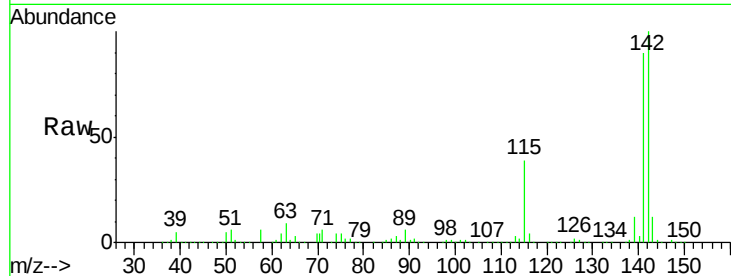




#37
 2-Methylnaphthalene
 Concen: 45.71 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

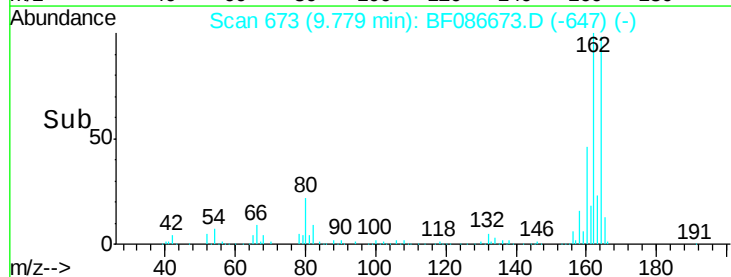
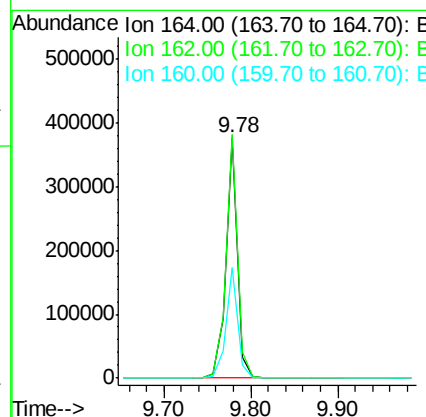
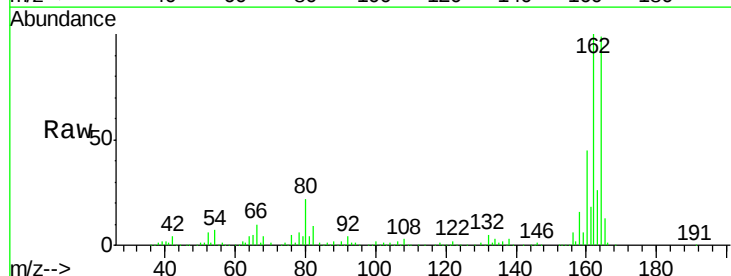
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

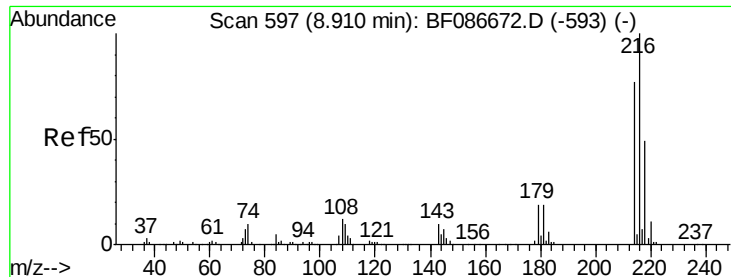
Tot Ion:142 Resp: 1026575
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 39.4 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:164 Resp: 353531
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.8 124.2
 160 46.2 36.9 55.3

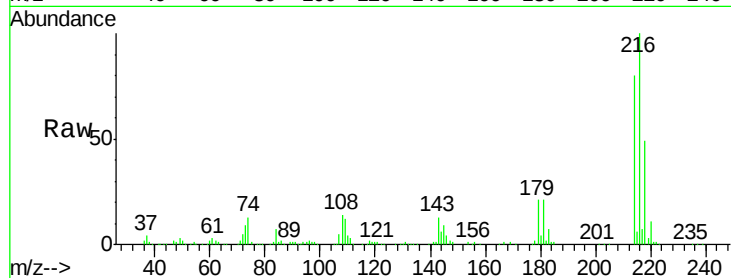




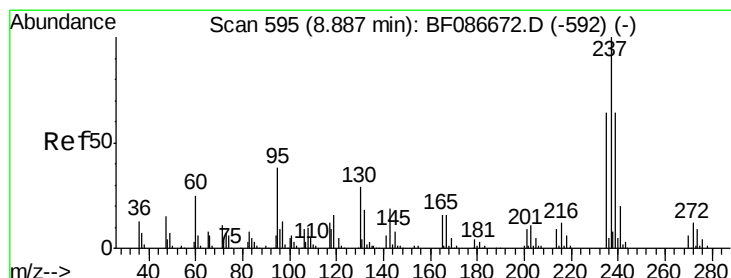
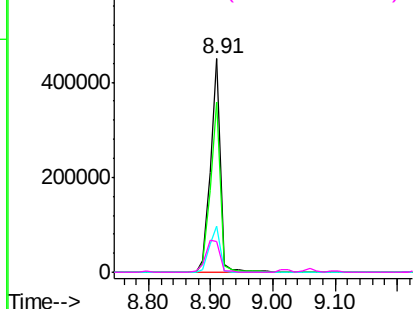
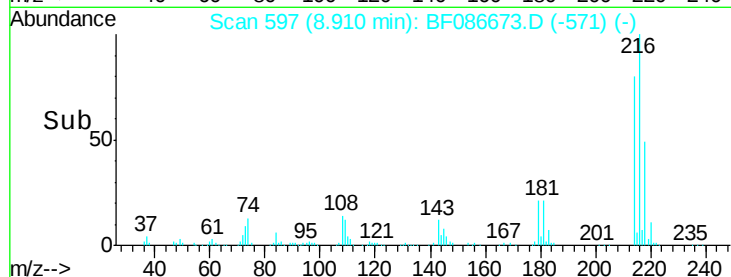
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.17 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:216	Resp:	497564
Ion Ratio	Lower	Upper
216	100	
214	79.6	62.6 93.8
179	23.3	18.2 27.4
108	21.9	17.5 26.3

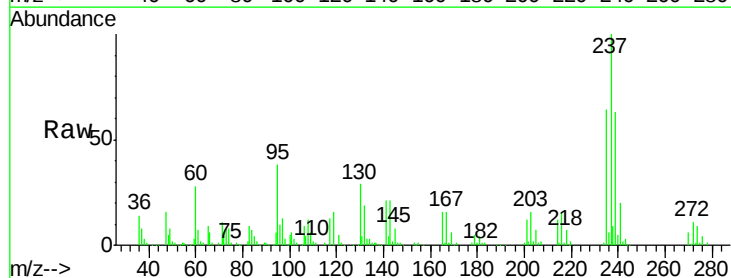


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

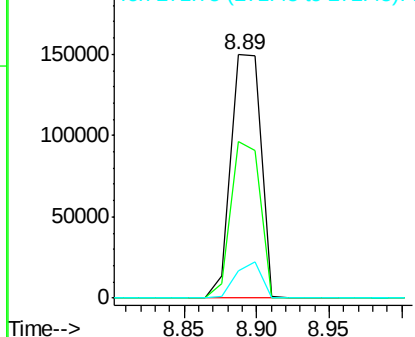
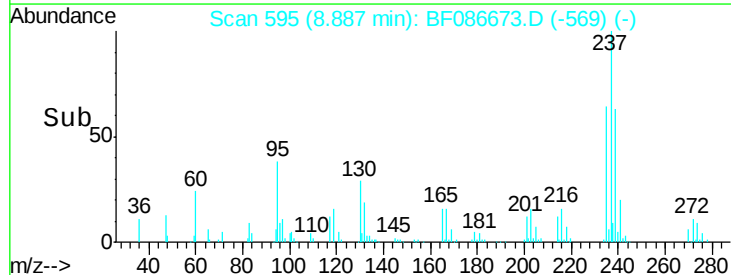


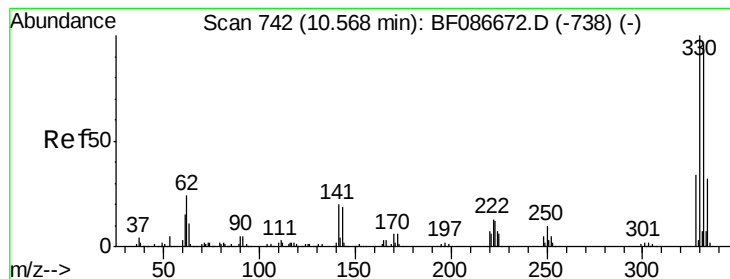
#40
Hexachlorocyclopentadiene
Concen: 42.73 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:237	Resp:	214860
Ion Ratio	Lower	Upper
237	100	
235	64.2	47.2 87.2
272	11.5	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: 92.05 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

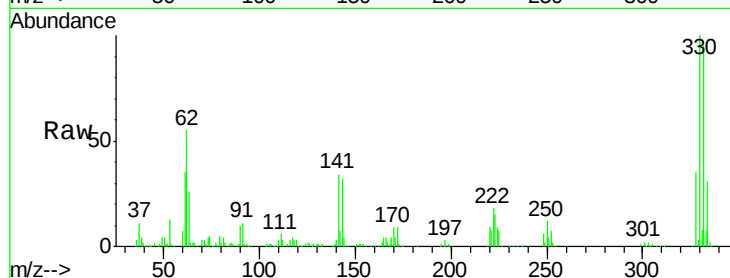
Tot Ion:330 Resp: 343169

Ion Ratio Lower Upper

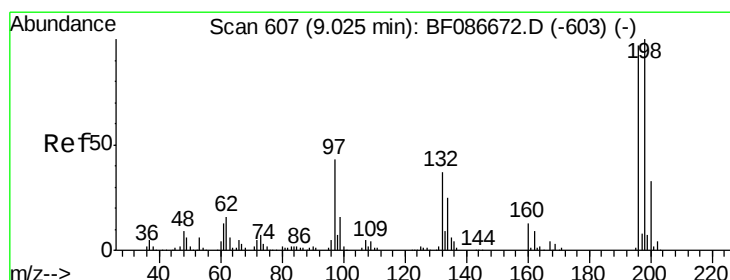
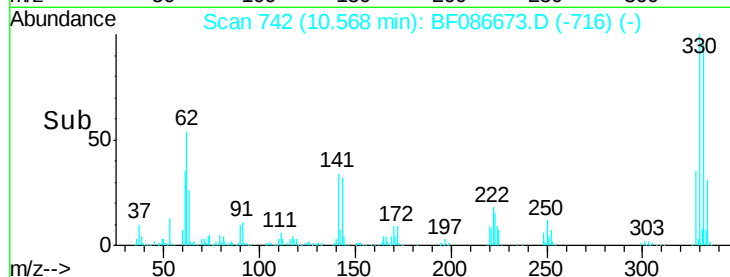
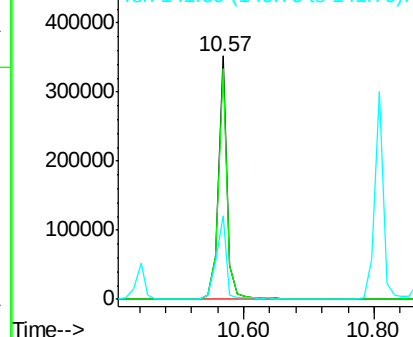
330 100

332 96.0 79.0 118.4

141 38.2 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: 50.99 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

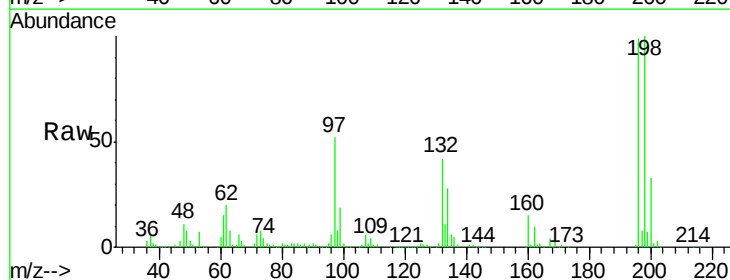
Tgt Ion:196 Resp: 326150

Ion Ratio Lower Upper

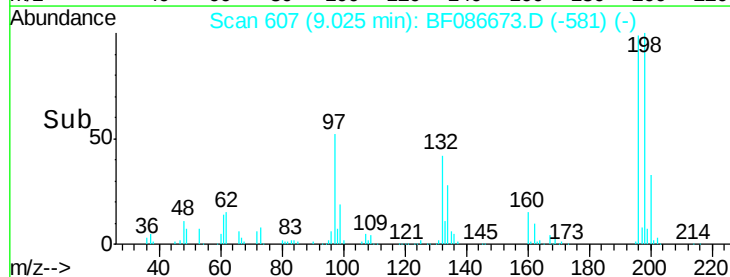
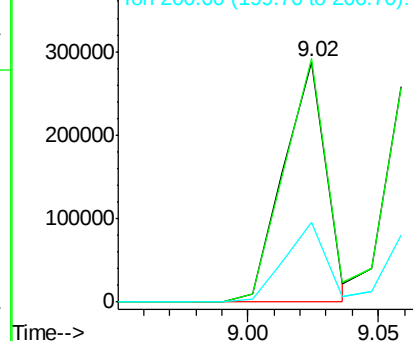
196 100

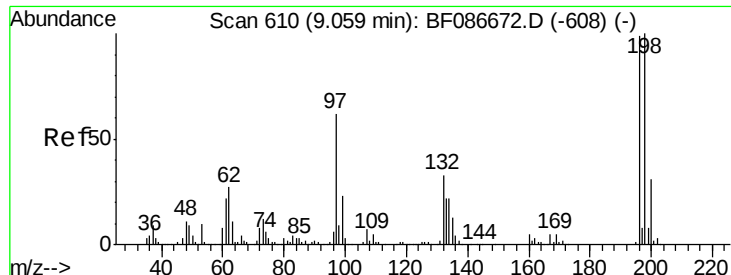
198 101.5 74.7 112.1

200 33.2 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

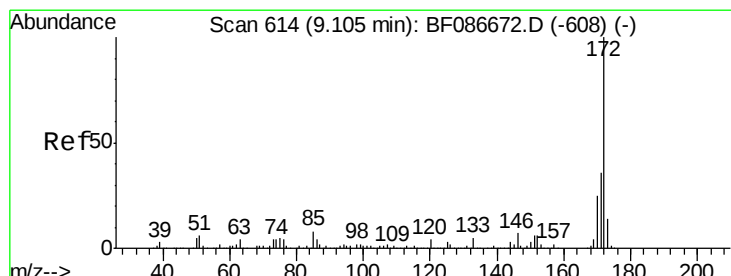
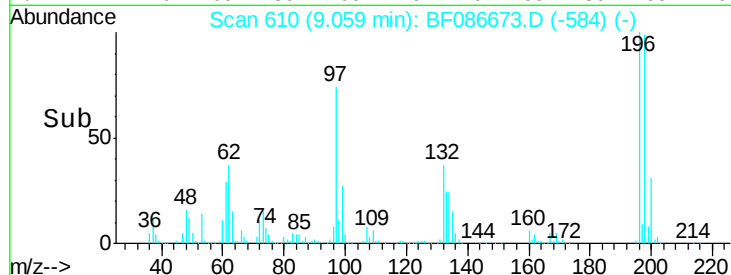
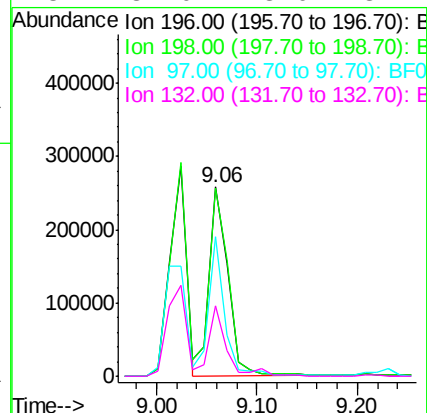
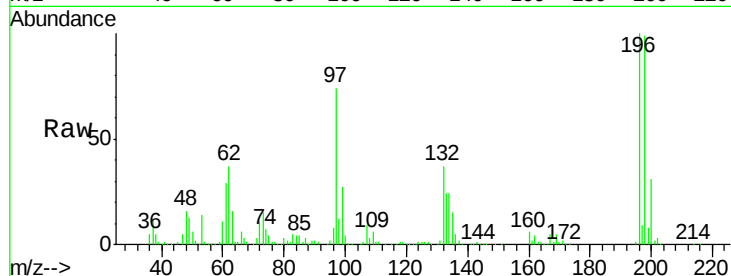




#43
2,4,5-Trichlorophenol
Concen: 48.05 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

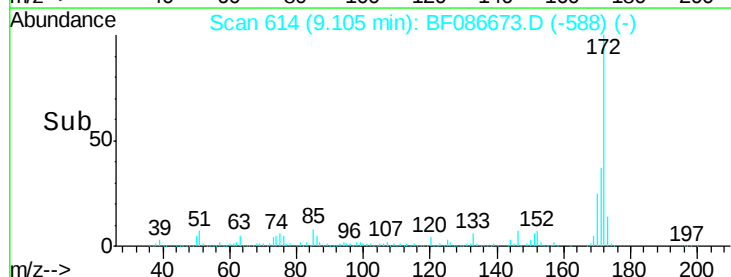
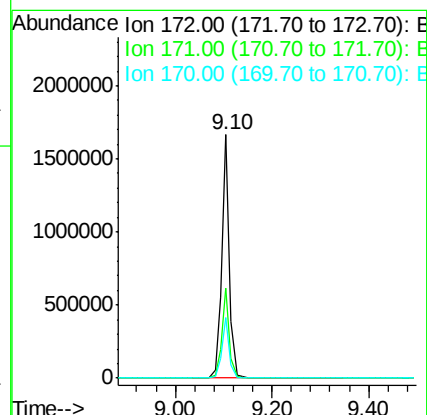
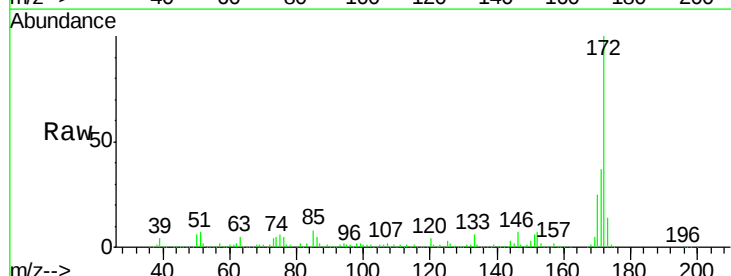
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

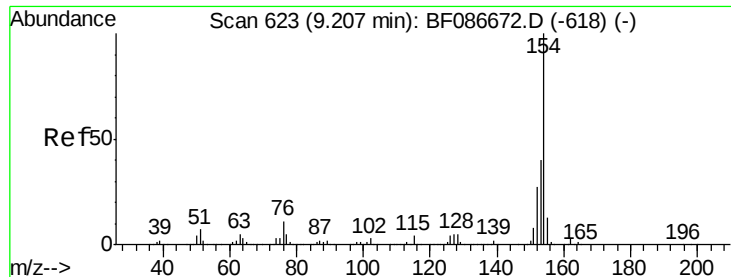
Tot Ion:196 Resp: 335038
Ion Ratio Lower Upper
196 100
198 99.2 77.5 116.3
97 73.8 34.8 52.2#
132 37.0 23.0 34.4#



#44
2-Fluorobiphenyl
Concen: 90.13 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:172 Resp: 1882690
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.6
170 25.1 19.8 29.8





#45

1,1'-Biphenyl

Concen: 47.16 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

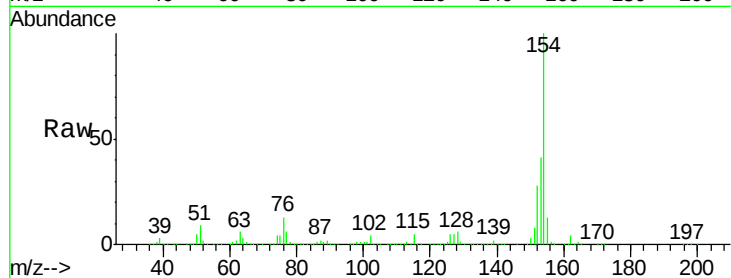
Tot Ion:154 Resp: 1393695

Ion Ratio Lower Upper

154 100

153 41.4 20.3 60.3

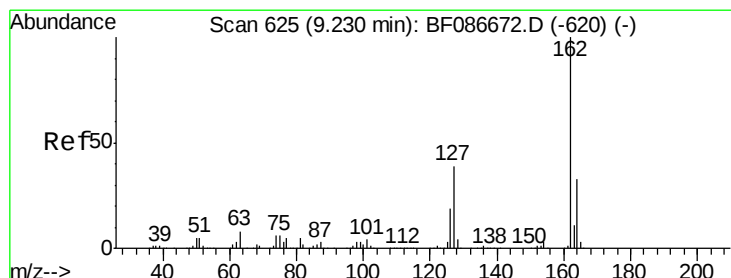
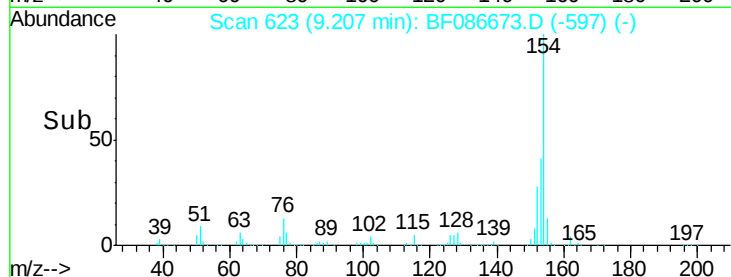
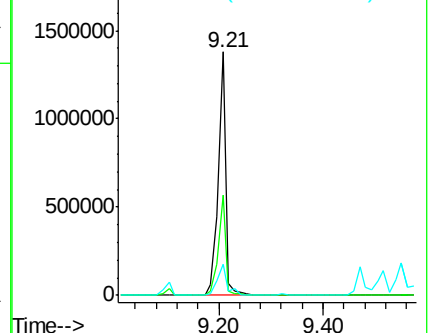
76 12.8 0.0 30.2



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: 47.65 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

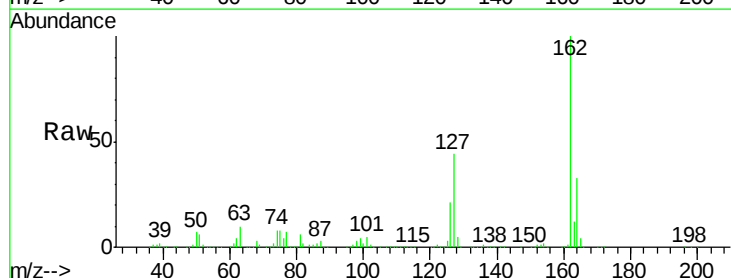
Tgt Ion:162 Resp: 1070706

Ion Ratio Lower Upper

162 100

127 43.6 31.8 47.6

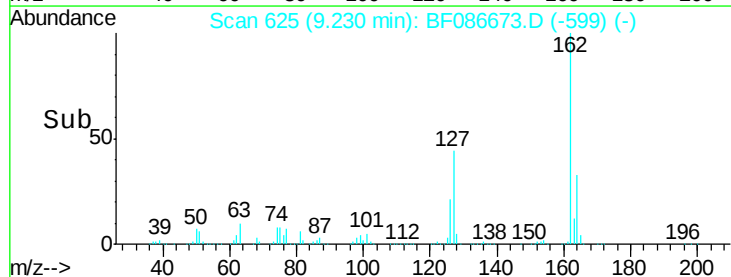
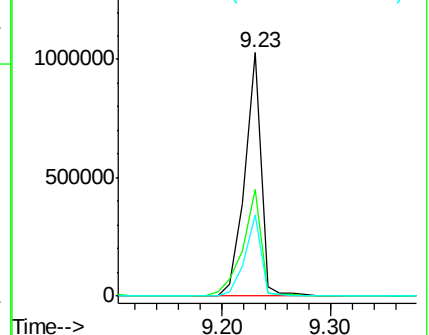
164 33.1 27.0 40.6

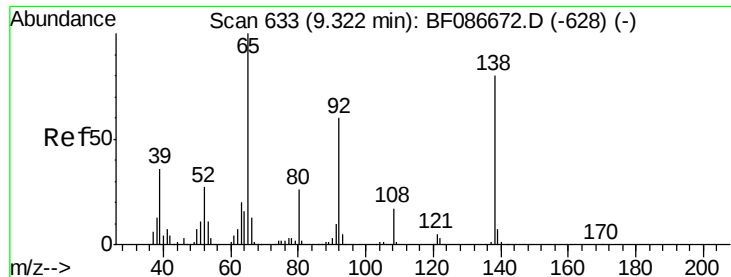


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

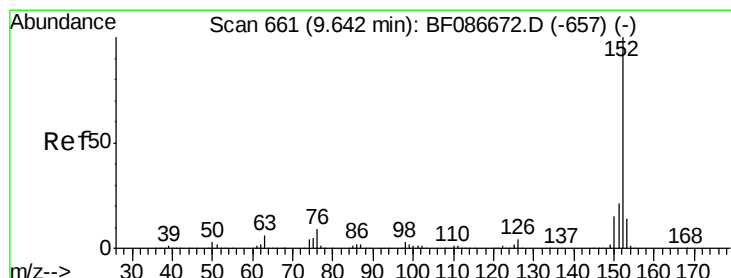
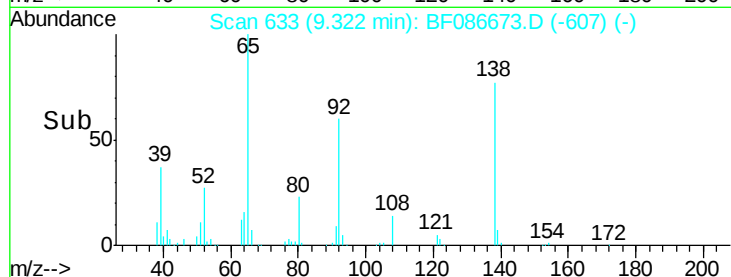
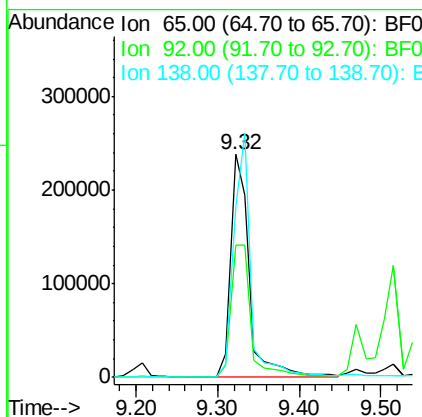
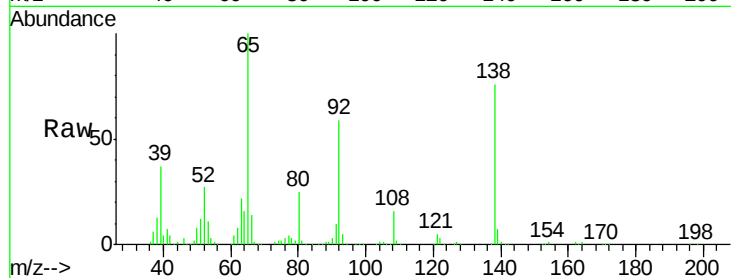




#47
2-Nitroaniline
Concen: 52.59 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

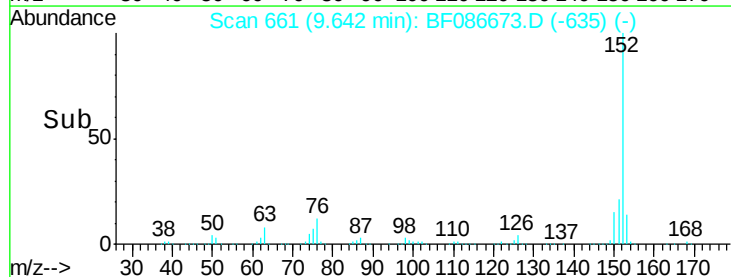
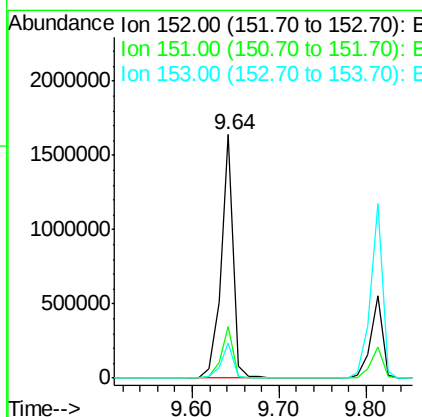
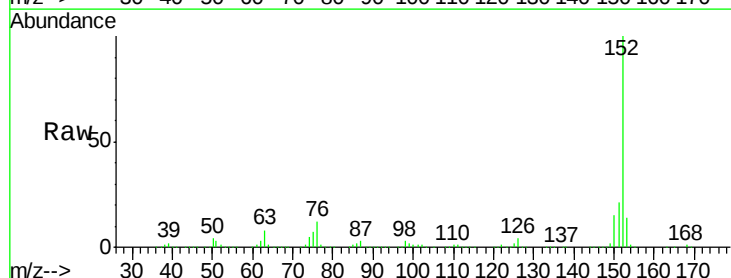
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

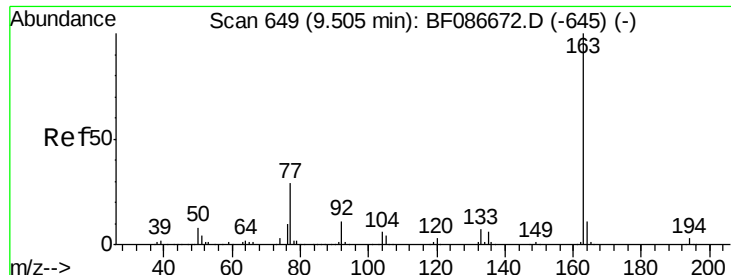
Tot Ion: 65 Resp: 378902
Ion Ratio Lower Upper
65 100
92 59.4 57.4 86.2
138 76.3 90.1 135.1#



#48
Acenaphthylene
Concen: 45.67 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion: 152 Resp: 1603960
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.4 10.9 16.3

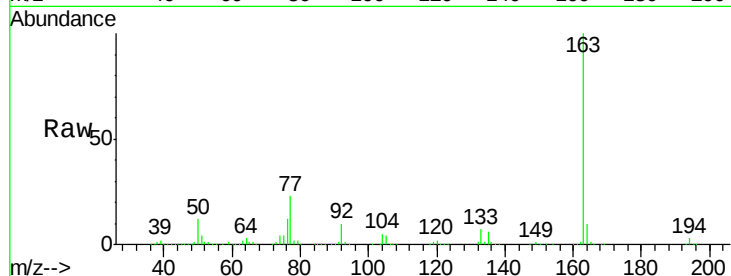




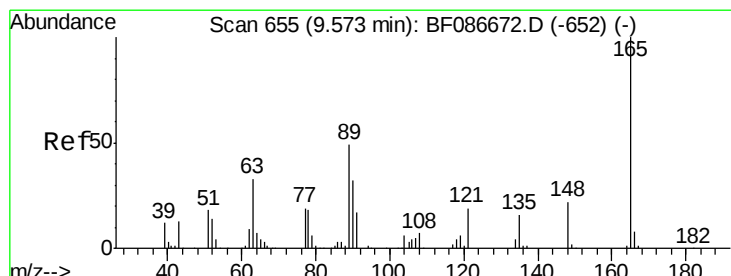
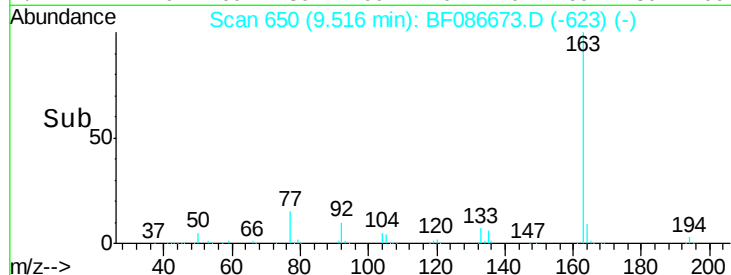
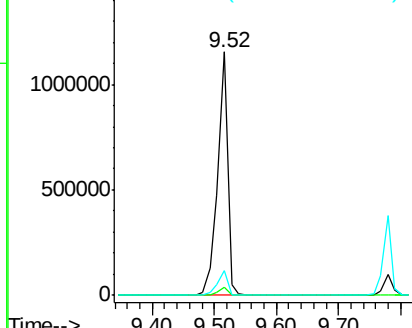
#49
Dimethylphthalate
Concen: 47.53 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:163 Resp: 1265005
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4

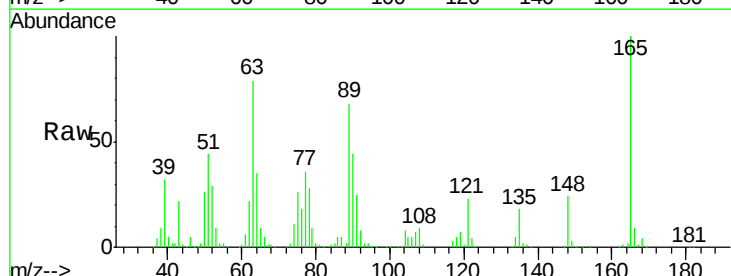


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

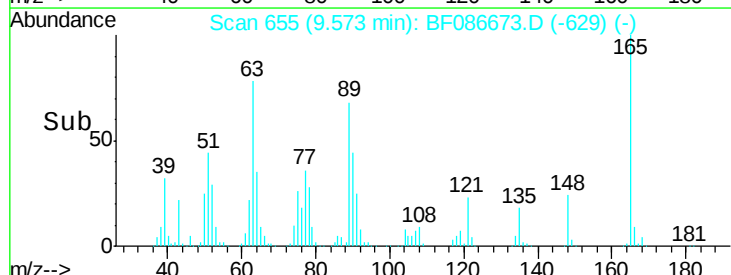
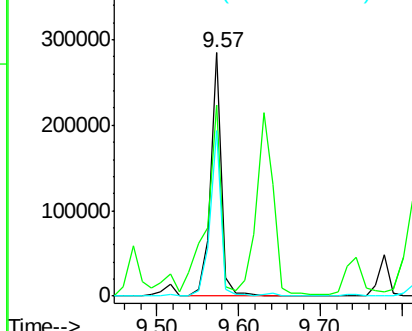


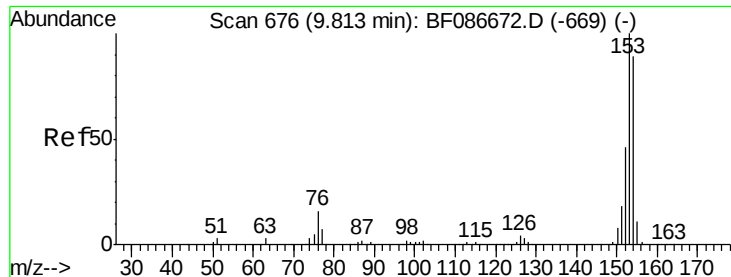
#50
2,6-Dinitrotoluene
Concen: 48.87 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:165 Resp: 268701
Ion Ratio Lower Upper
165 100
63 78.5 51.8 77.8#
89 68.0 50.7 76.1



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





#51

Acenaphthene

Concen: 43.59 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

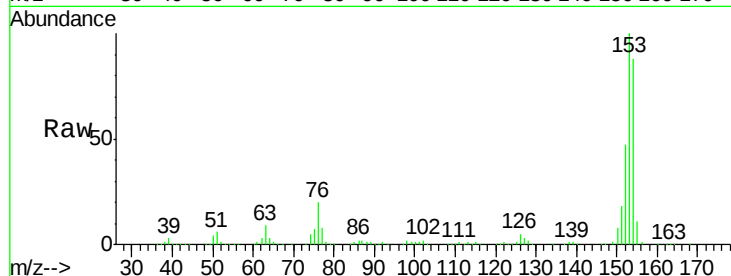
Tot Ion:154 Resp: 983204

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

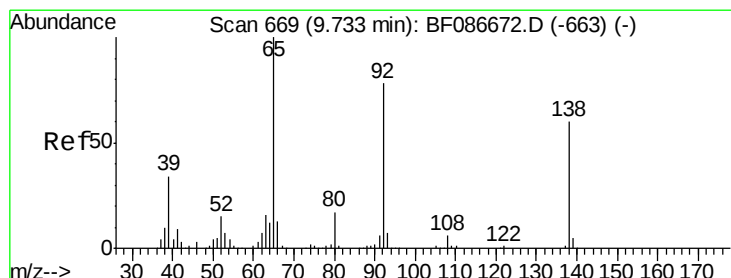
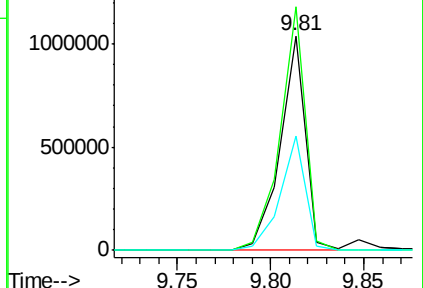
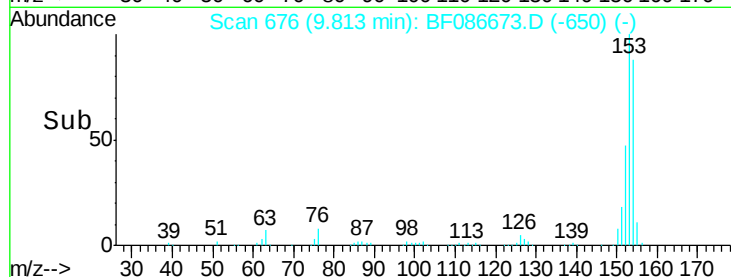
152 53.4 43.4 65.0



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: 51.43 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

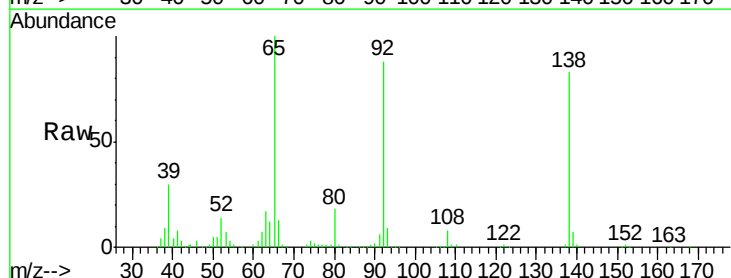
Tgt Ion:138 Resp: 321617

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

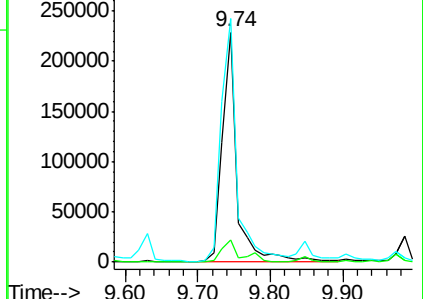
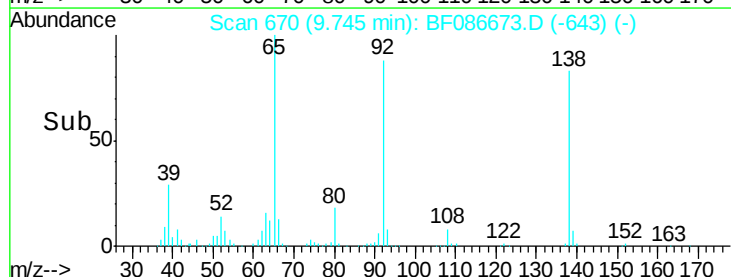
92 105.8 87.8 131.8

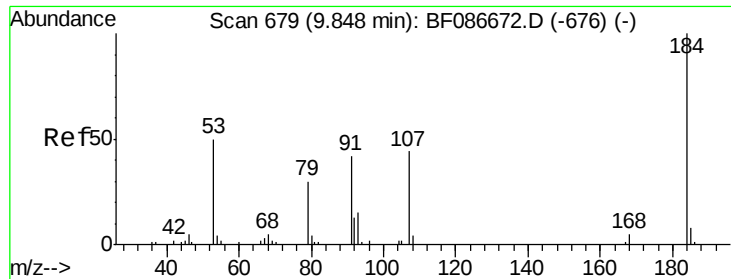


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

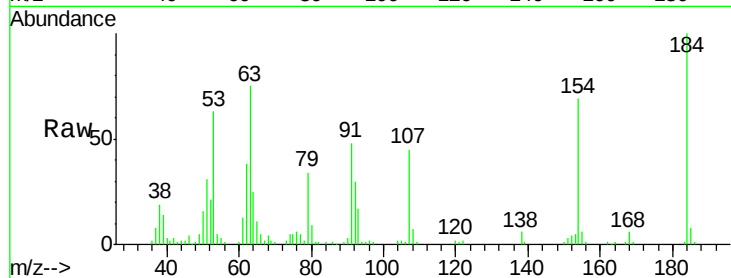




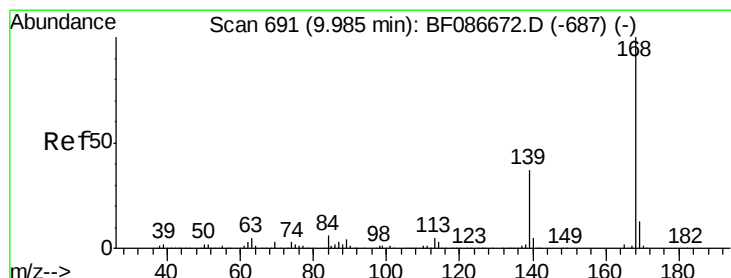
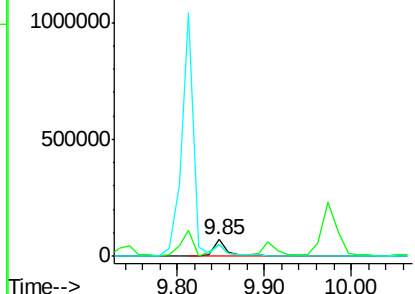
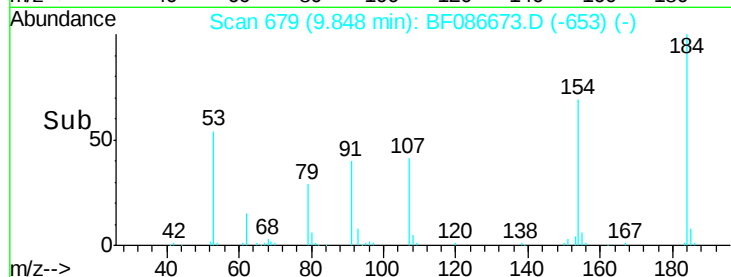
#53
 2,4-Dinitrophenol
 Concen: 35.56 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:184 Resp: 87446
 Ion Ratio Lower Upper
 184 100
 63 75.5 55.8 83.8
 154 69.5 62.4 93.6

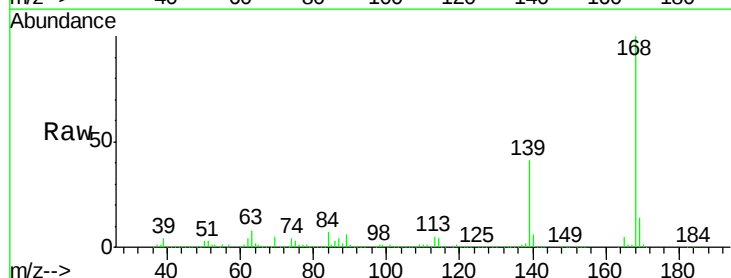


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

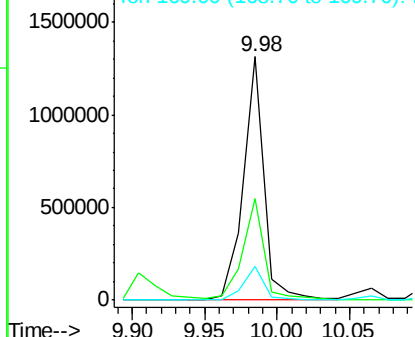
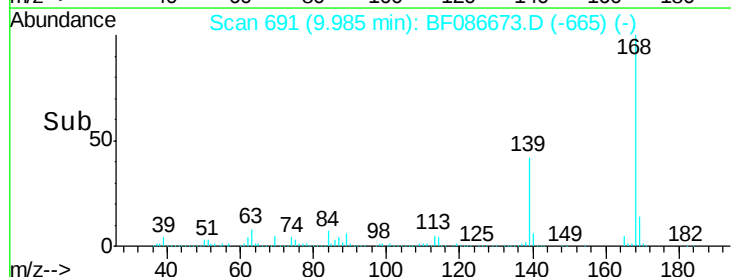


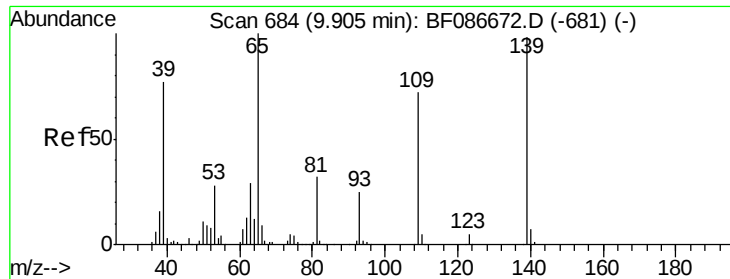
#54
 Dibenzofuran
 Concen: 46.09 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:168 Resp: 1299482
 Ion Ratio Lower Upper
 168 100
 139 41.5 31.4 47.0
 169 13.8 10.7 16.1



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

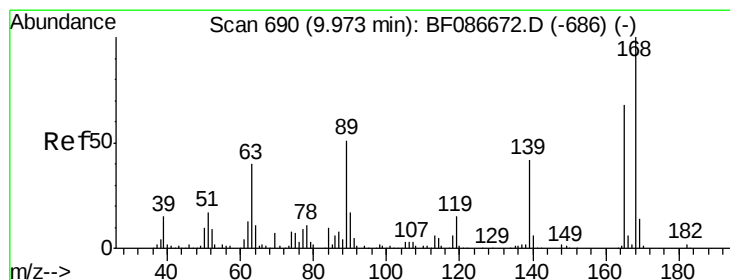
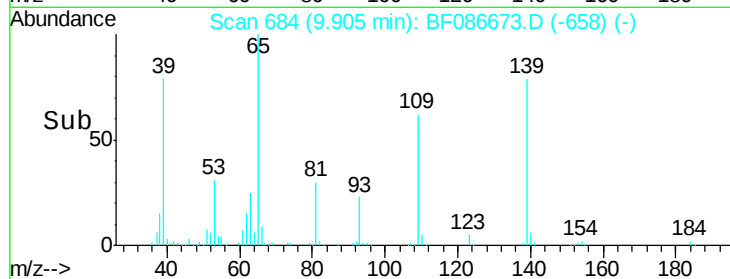
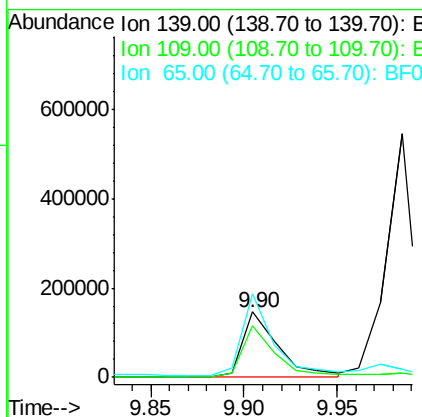
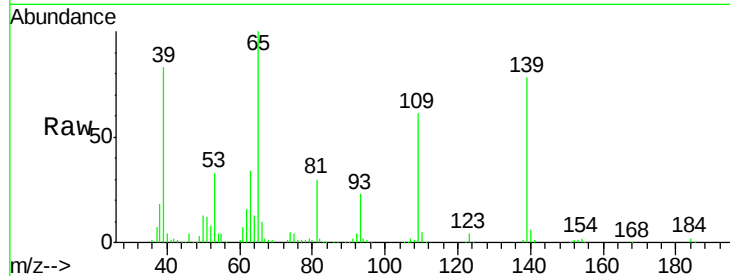




#55
4-Nitrophenol
Concen: 47.56 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

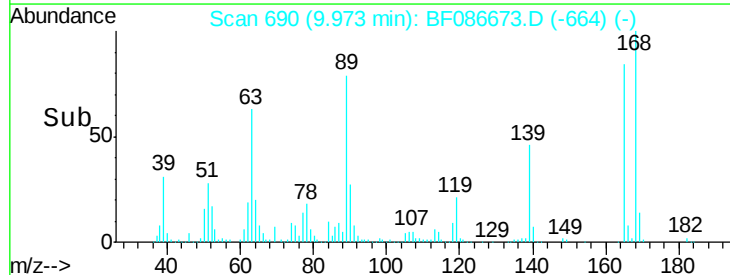
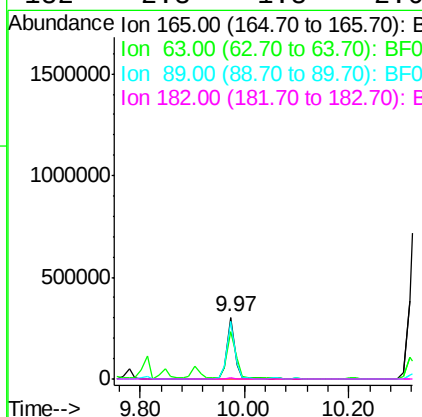
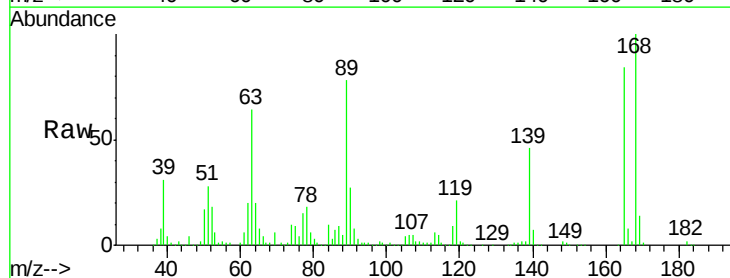
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

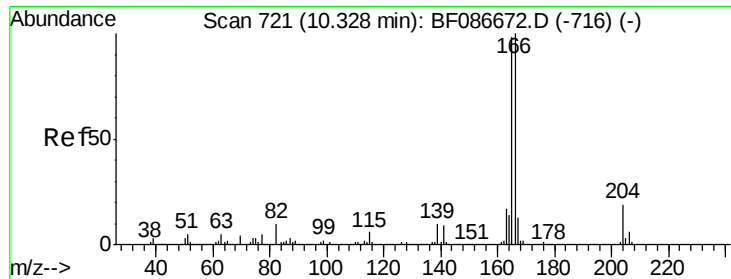
Tot Ion:139 Resp: 194748
Ion Ratio Lower Upper
139 100
109 79.0 36.9 76.9#
65 128.4 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 46.21 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:165 Resp: 323884
Ion Ratio Lower Upper
165 100
63 76.4 44.3 66.5#
89 93.6 70.0 105.0
182 2.3 1.8 2.6

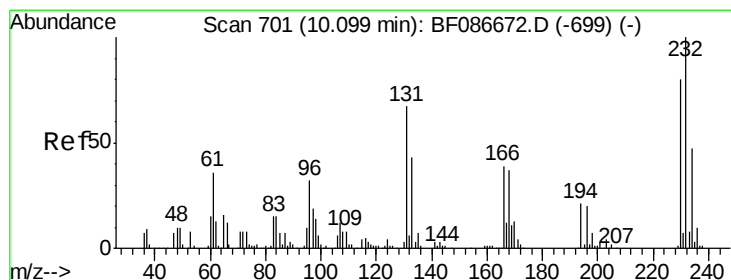
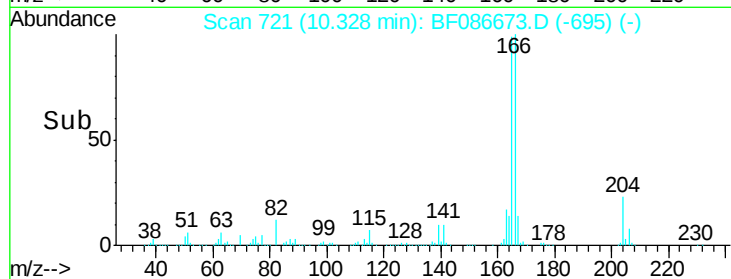
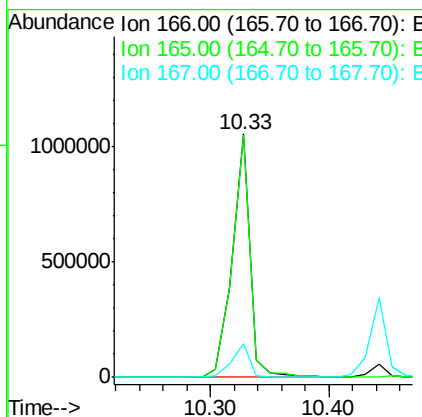
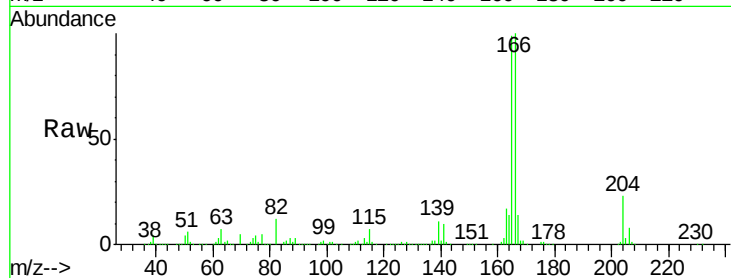




#57
 Fluorene
 Concen: 45.04 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

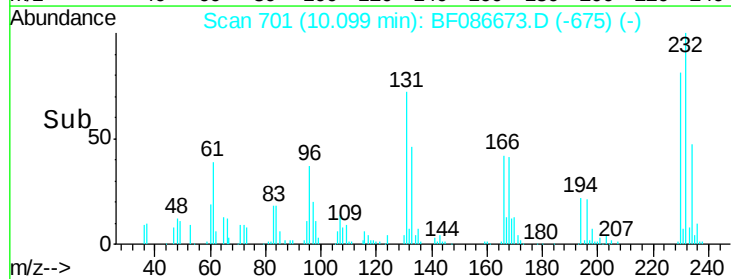
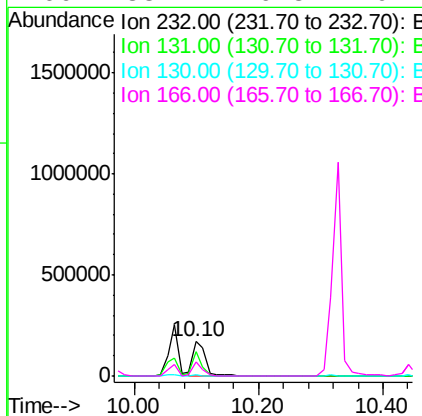
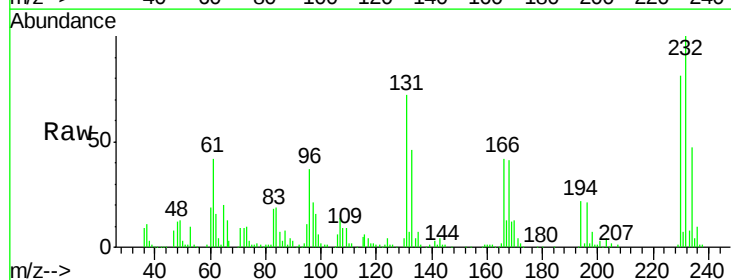
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

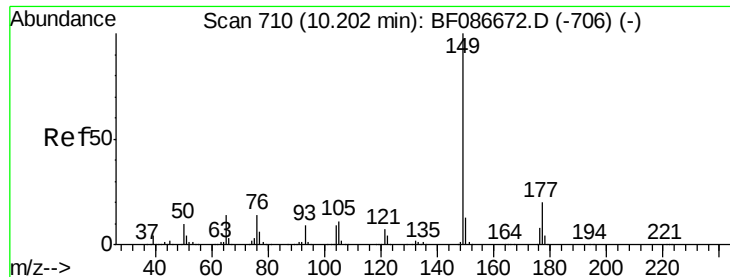
Tot Ion:166 Resp: 1102457
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.0 118.6
 167 13.6 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.93 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:232 Resp: 239483
 Ion Ratio Lower Upper
 232 100
 131 54.4 41.9 62.9
 130 2.9 2.2 3.4
 166 33.1 26.8 40.2

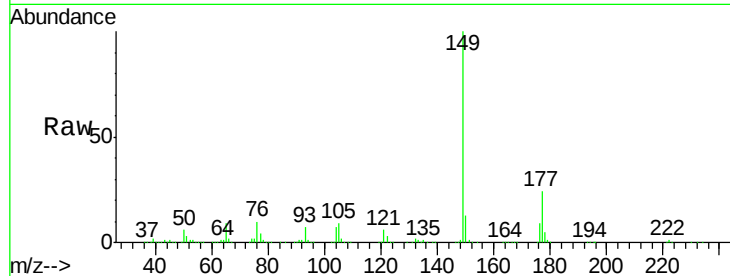




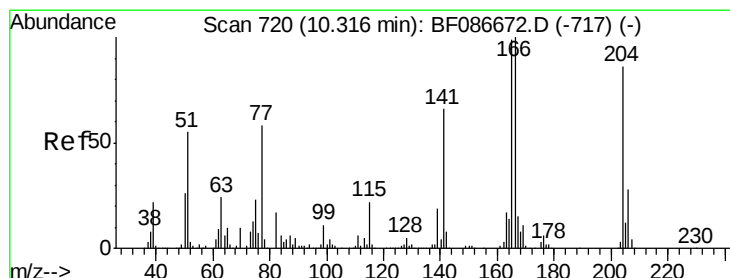
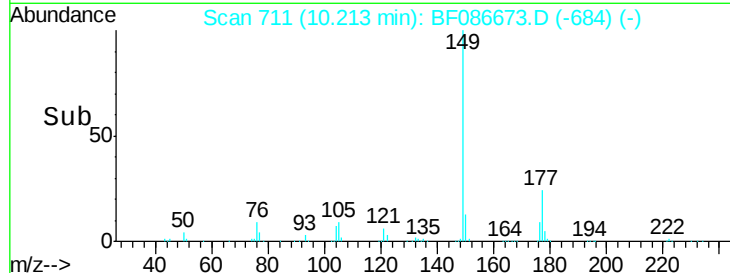
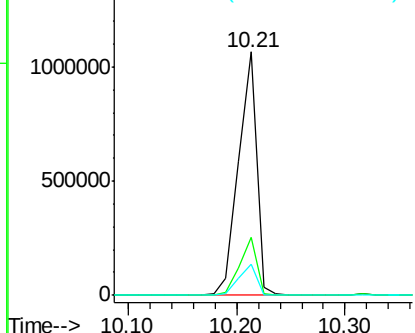
#59
Diethylphthalate
Concen: 48.31 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Instrument :
BNA_F
ClientSampled :
SSTDICC050

Tot Ion:149 Resp: 1217065
Ion Ratio Lower Upper
149 100
177 23.6 16.6 24.8
150 12.6 10.0 15.0

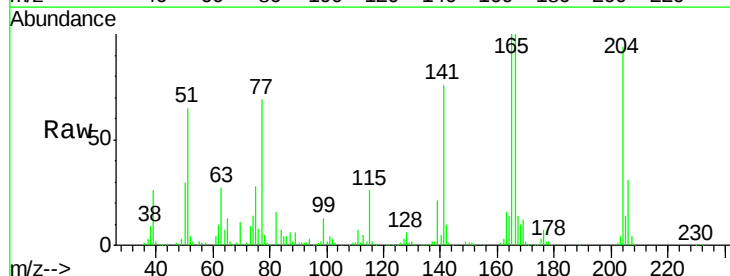


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

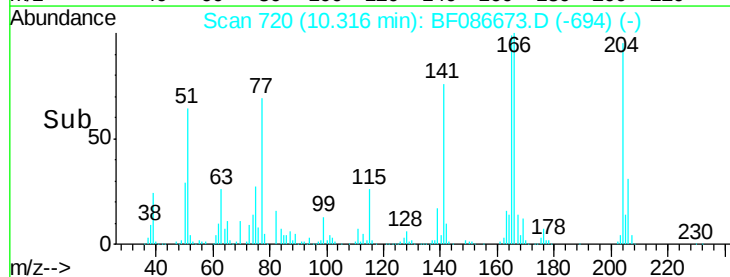
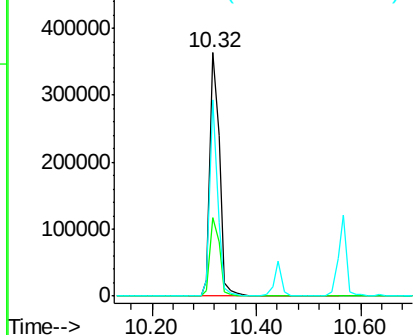


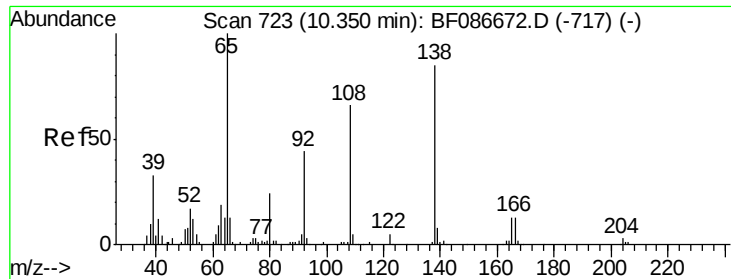
#60
4-Chlorophenyl-phenylether
Concen: 41.45 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:204 Resp: 460712
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 80.4 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

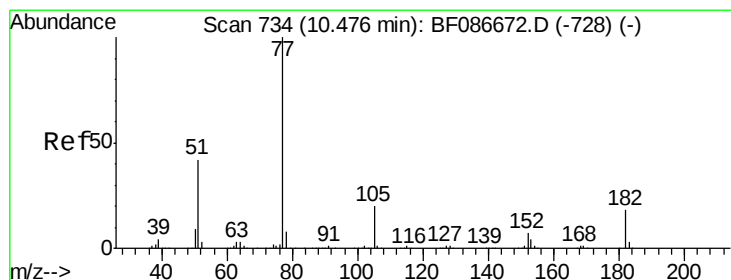
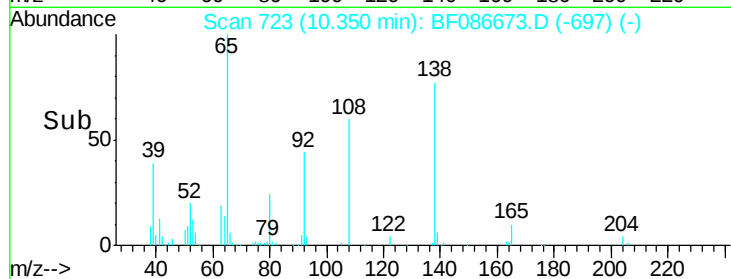
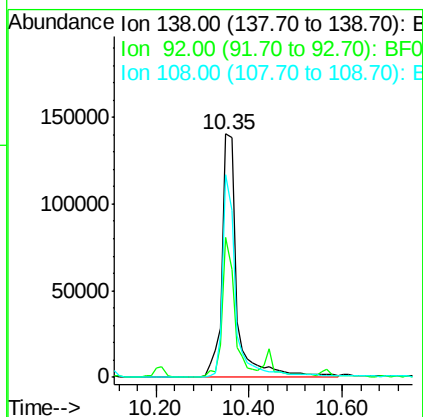
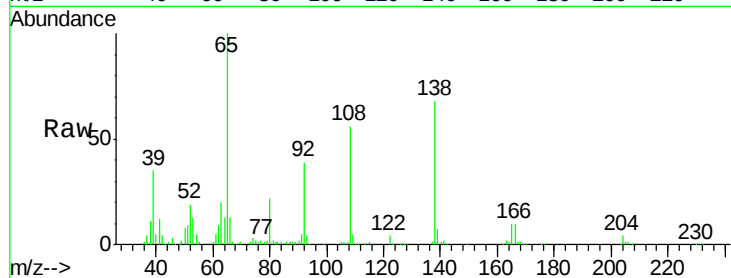




#61
4-Nitroaniline
Concen: 50.25 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

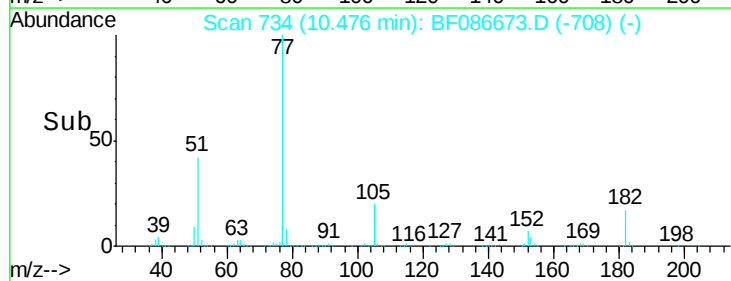
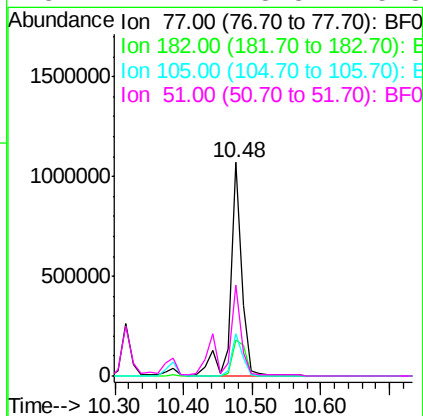
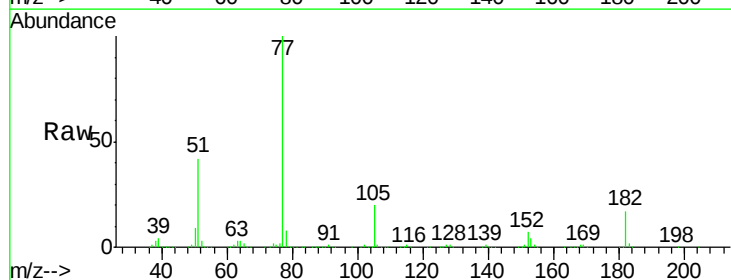
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

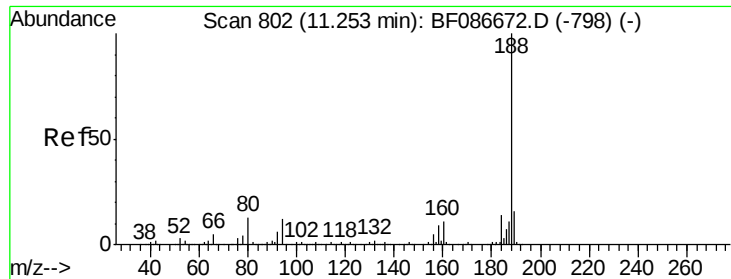
Tot Ion:138 Resp: 307149
Ion Ratio Lower Upper
138 100
92 57.5 24.7 64.7
108 83.1 37.4 77.4#



#62
Azobenzene
Concen: 45.04 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion: 77 Resp: 1242847
Ion Ratio Lower Upper
77 100
182 16.8 0.0 38.8
105 19.8 3.2 43.2
51 42.4 8.8 48.8

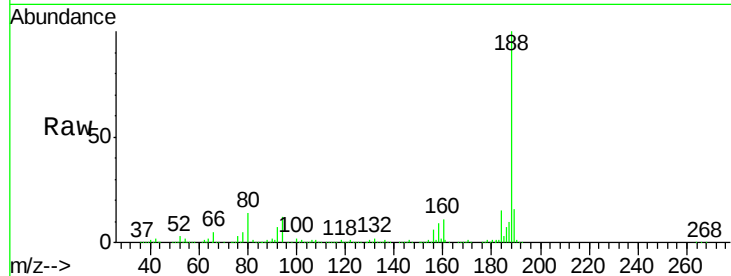




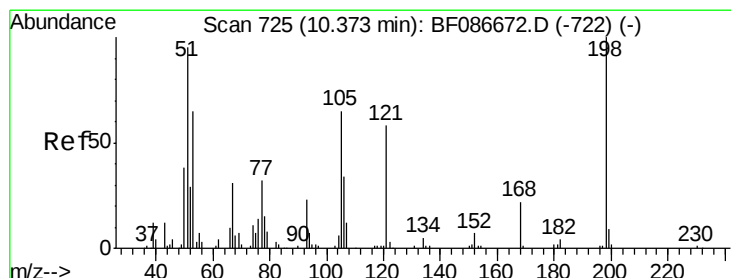
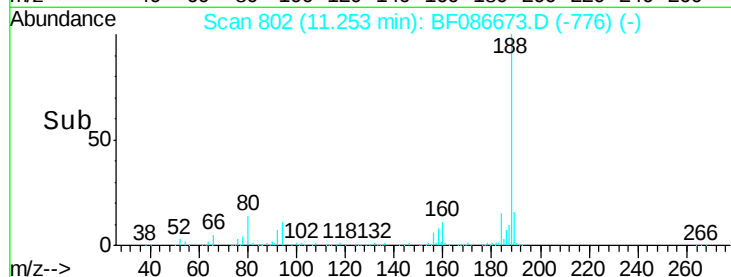
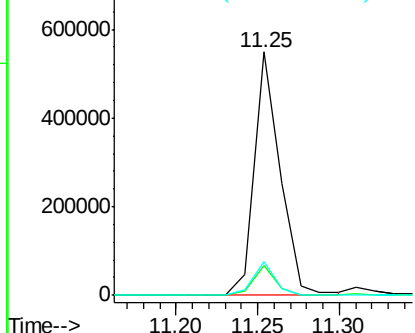
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:188 Resp: 605840
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 13.8 7.1 10.7#

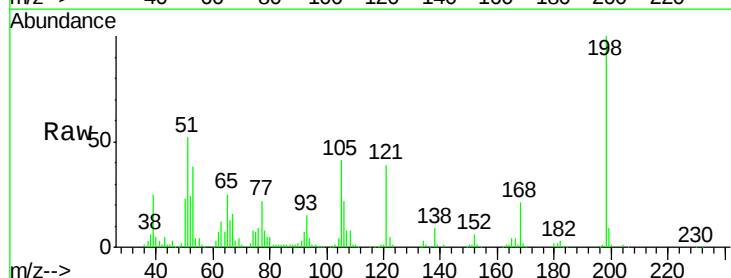


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

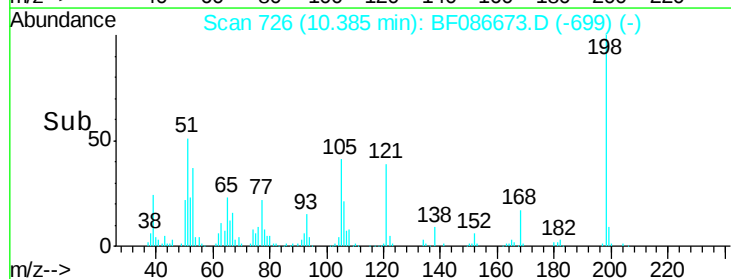
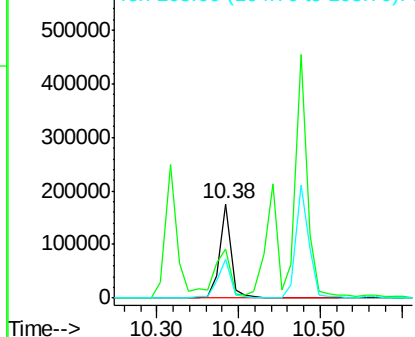


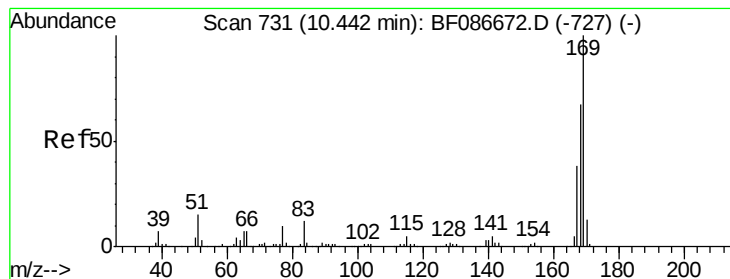
#64
4,6-Dinitro-2-methylphenol
Concen: 47.80 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF086673.D
Acq: 4 May 2016 13:14

Tgt Ion:198 Resp: 170018
Ion Ratio Lower Upper
198 100
51 51.9 20.5 60.5
105 40.9 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: 48.69 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

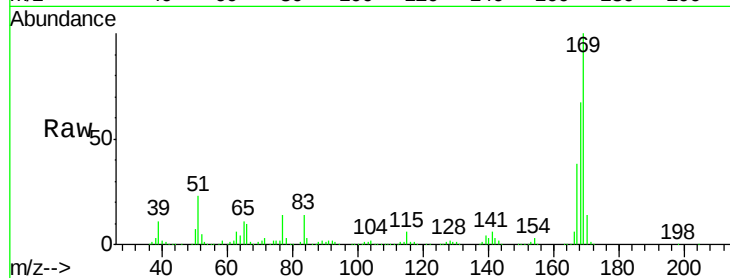
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 921985

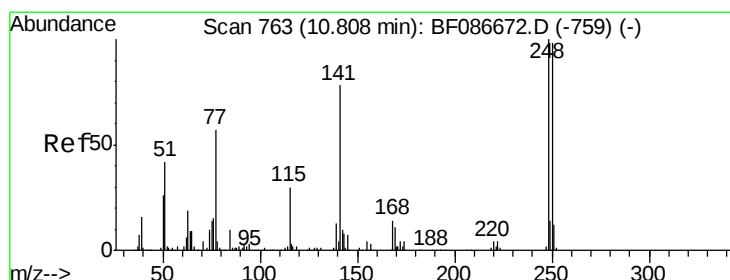
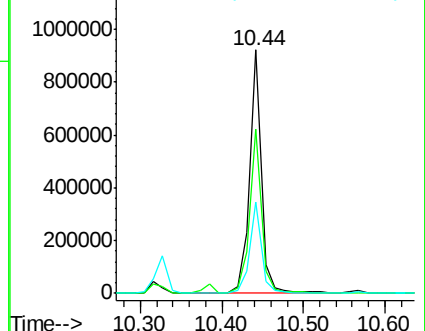
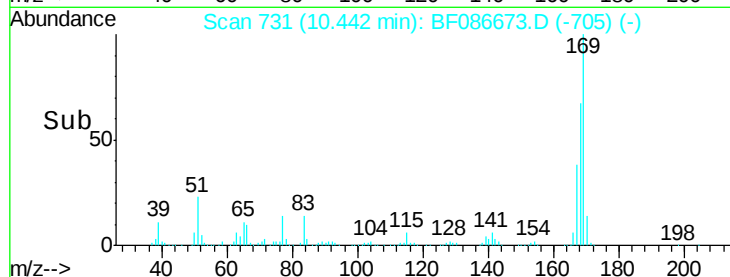
Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.8	80.6
167	37.7	29.5	44.3



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: 46.70 ng

RT: 10.81 min Scan# 763

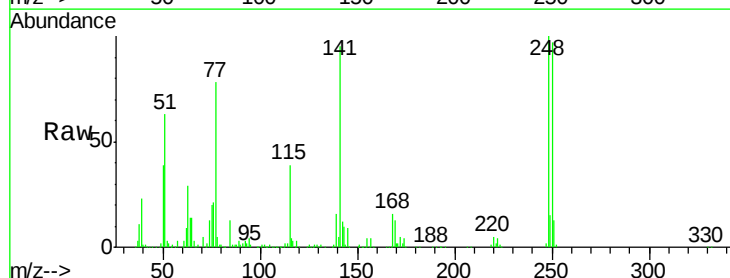
Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Tgt Ion:248 Resp: 291534

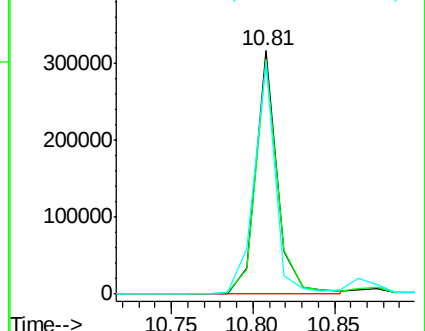
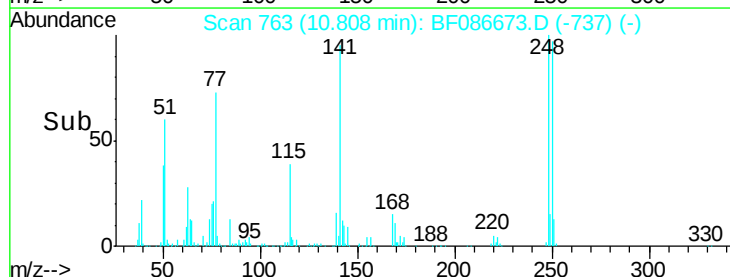
Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.6	117.8
141	95.1	76.0	114.0

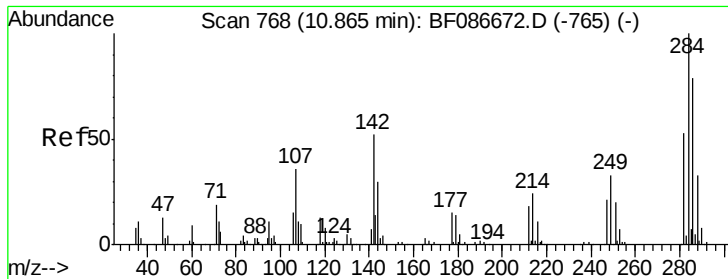


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.52 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

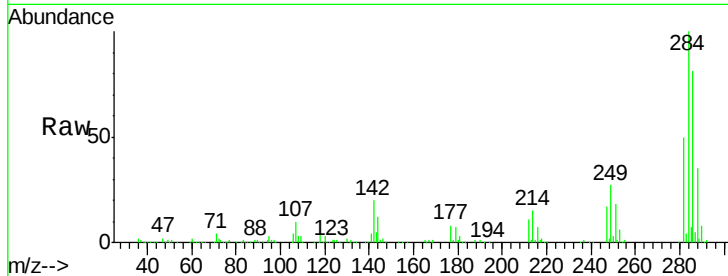
Tot Ion:284 Resp: 372256

Ion Ratio Lower Upper

284 100

142 20.0 16.7 25.1

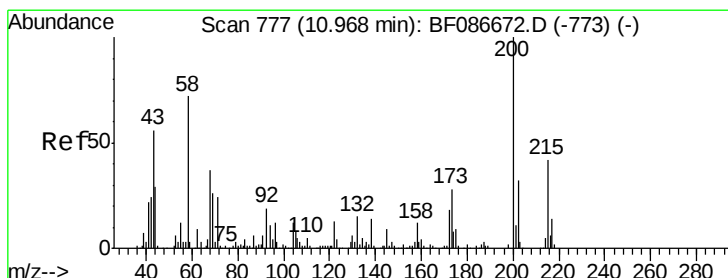
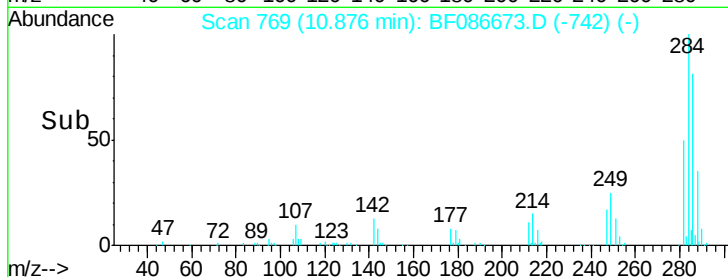
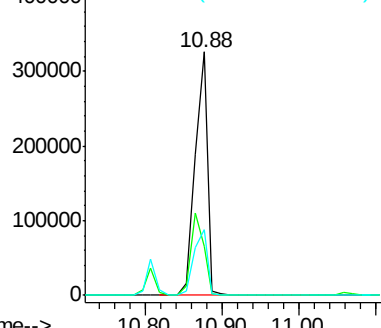
249 26.8 21.3 31.9



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: 49.65 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

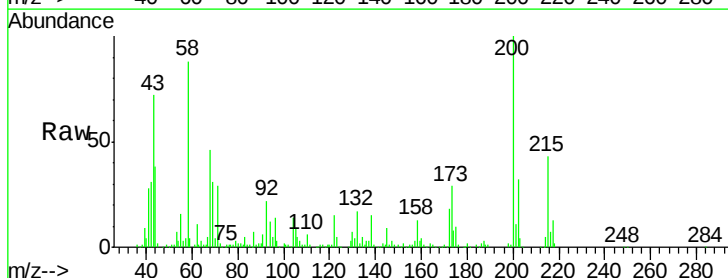
Tgt Ion:200 Resp: 282314

Ion Ratio Lower Upper

200 100

173 29.4 8.5 48.5

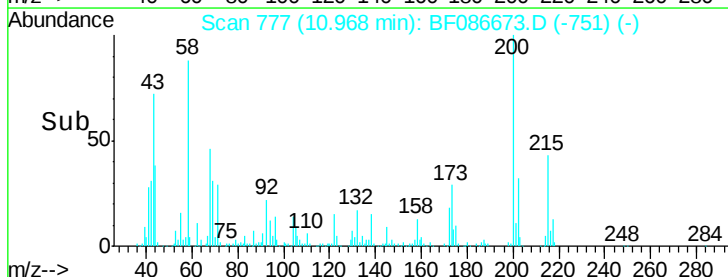
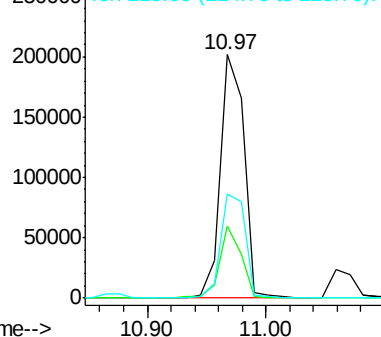
215 42.8 27.2 67.2

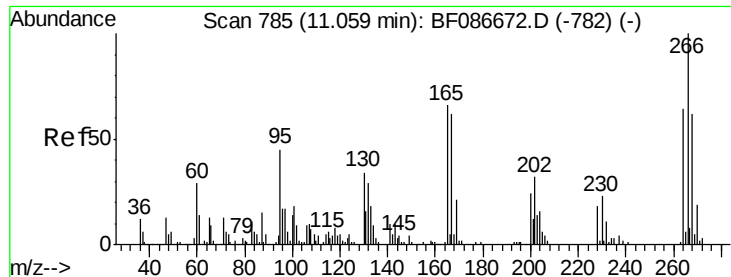


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

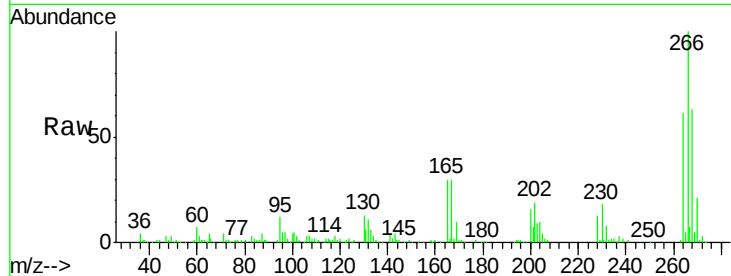




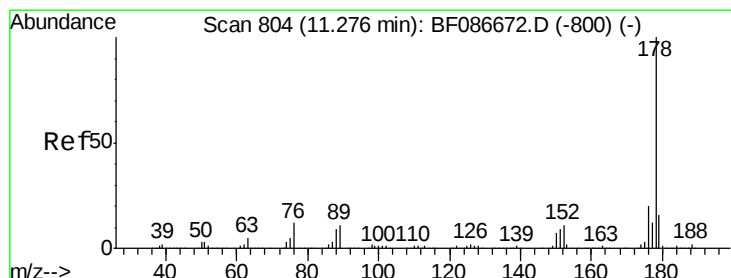
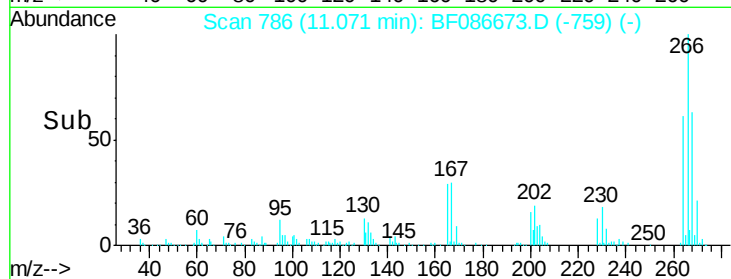
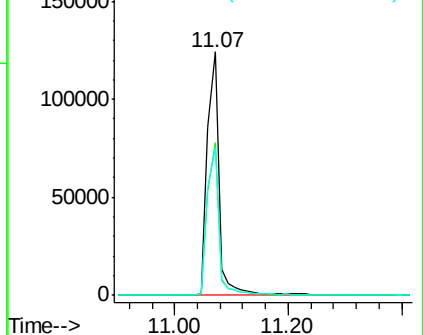
#69
 Pentachlorophenol
 Concen: 44.80 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:266 Resp: 170660
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 60.9 52.9 79.3

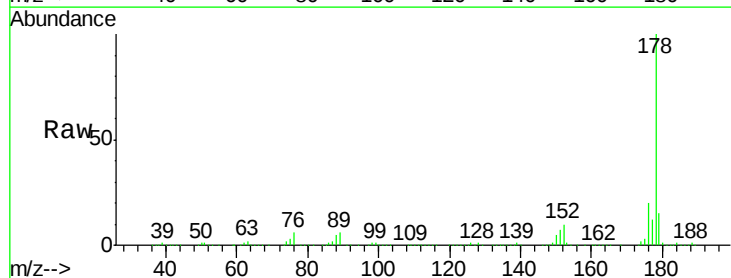


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

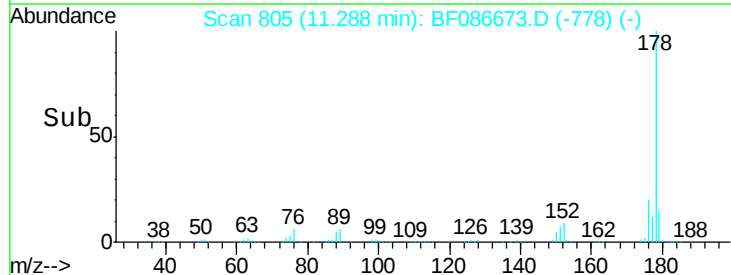
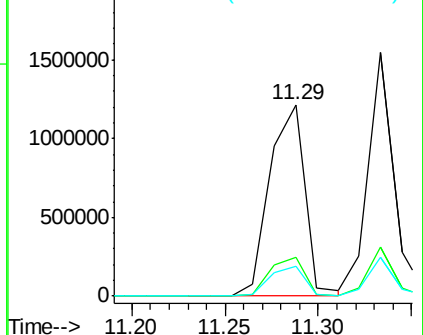


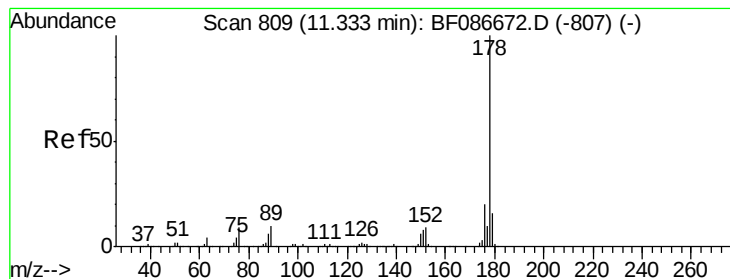
#70
 Phenanthrene
 Concen: 50.36 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:178 Resp: 1601197
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.3 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: 45.83 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

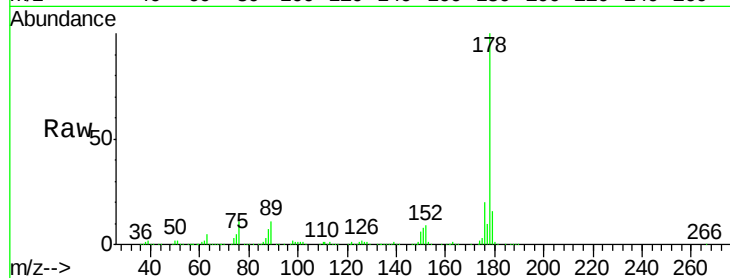
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 1555157

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.0	12.7	19.1

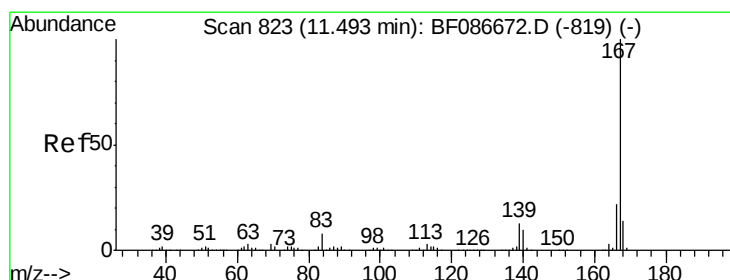
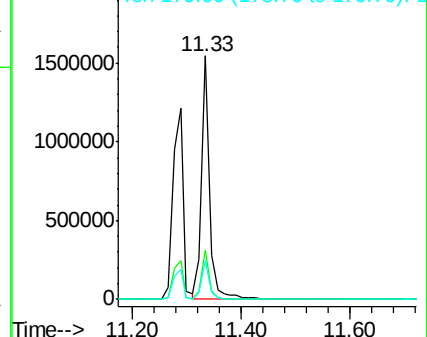
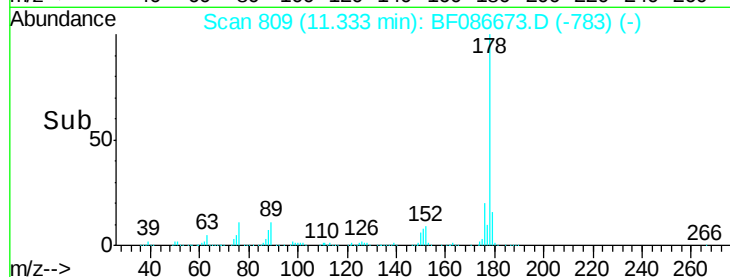


Abundance

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: 50.18 ng

RT: 11.49 min Scan# 823

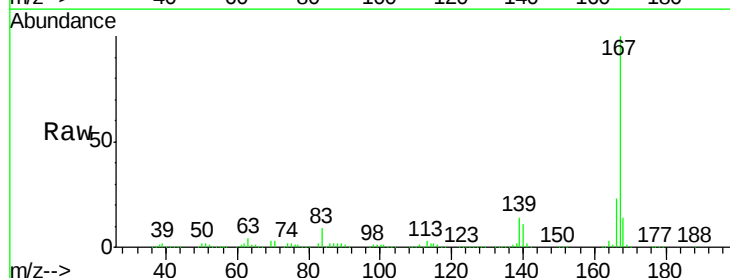
Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Tgt Ion:167 Resp: 1509183

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.7	26.5
139	14.0	10.8	16.2

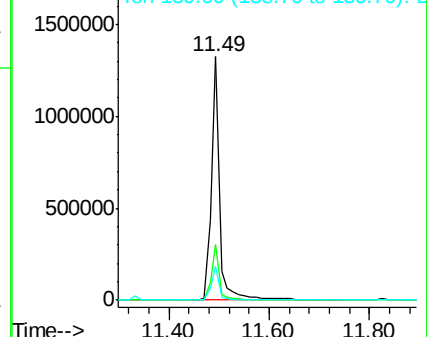
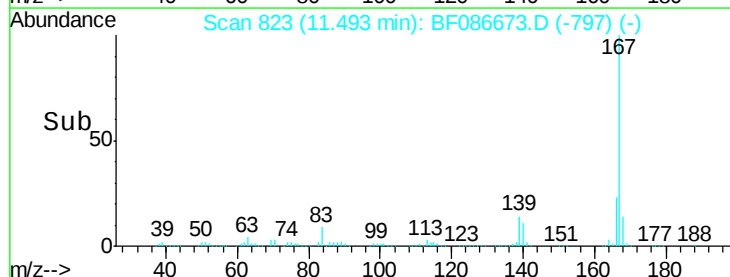


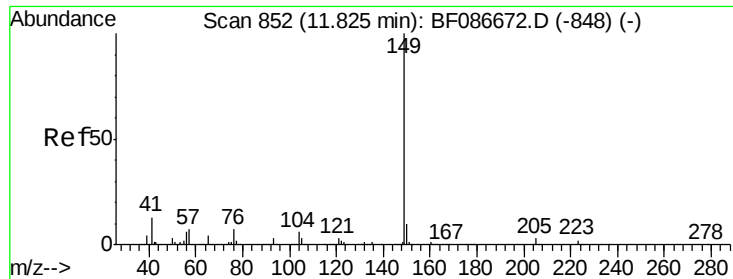
Abundance

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: 47.01 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

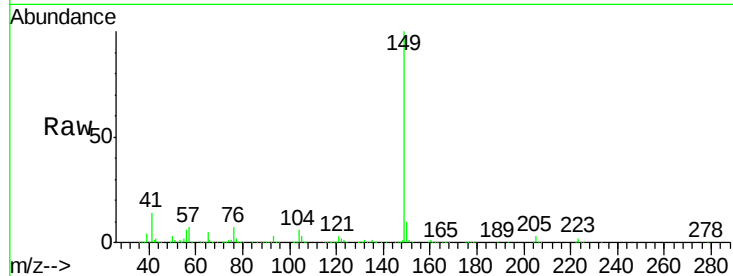
Tot Ion:149 Resp: 1601640

Ion Ratio Lower Upper

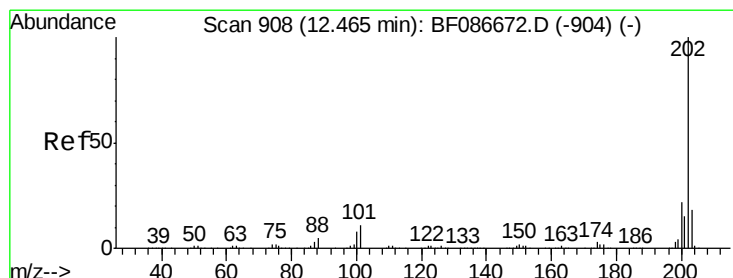
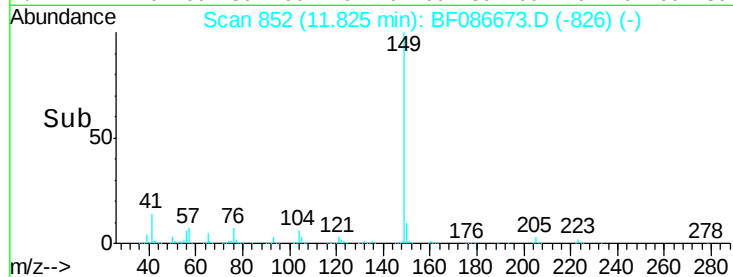
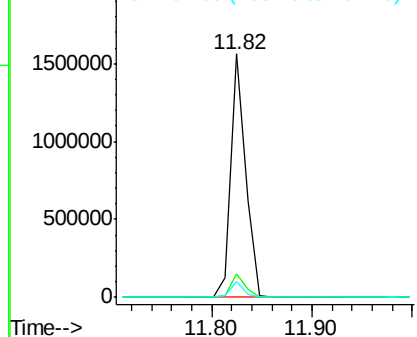
149 100

150 9.8 7.6 11.4

104 6.4 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: 48.45 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

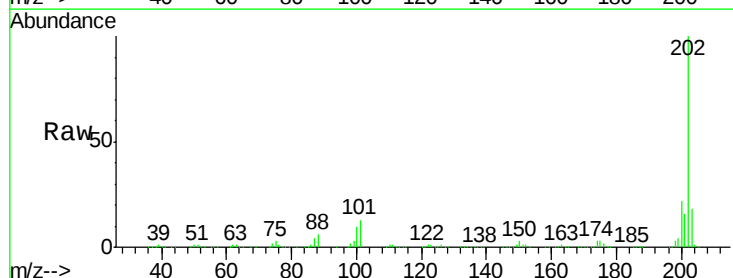
Tgt Ion:202 Resp: 1555062

Ion Ratio Lower Upper

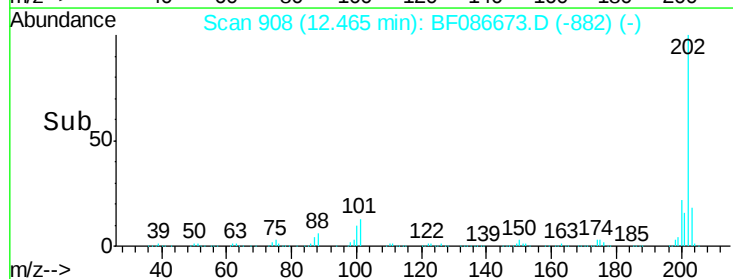
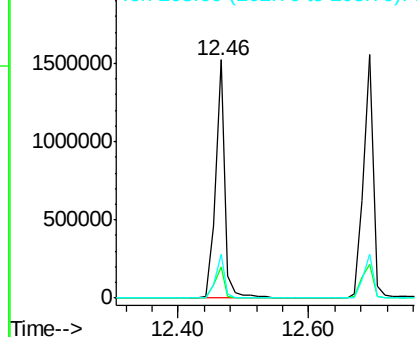
202 100

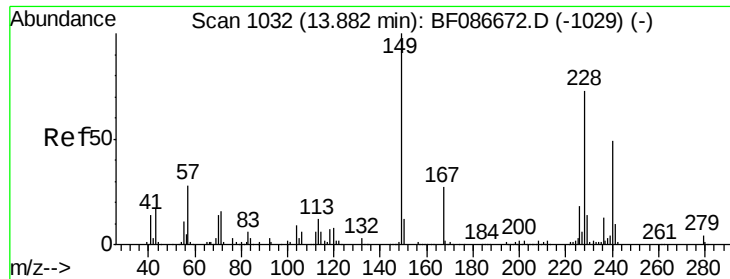
101 13.1 0.0 35.4

203 18.4 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

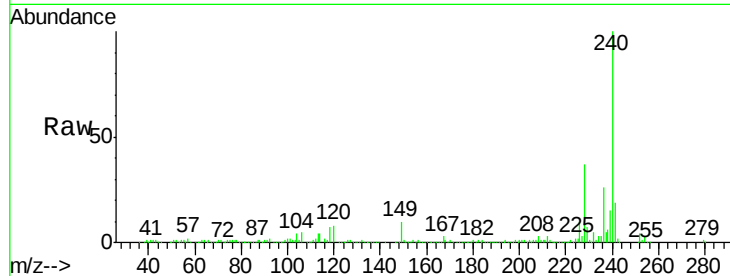
Tot Ion:240 Resp: 381679

Ion Ratio Lower Upper

240 100

120 8.0 11.2 16.8#

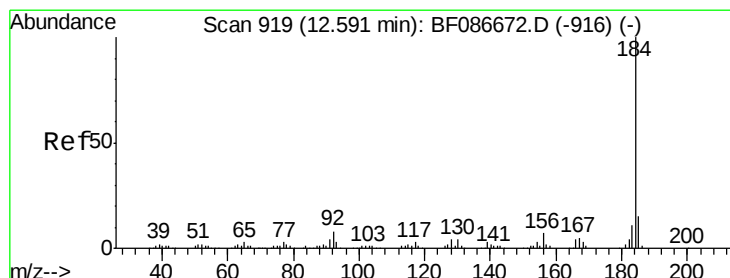
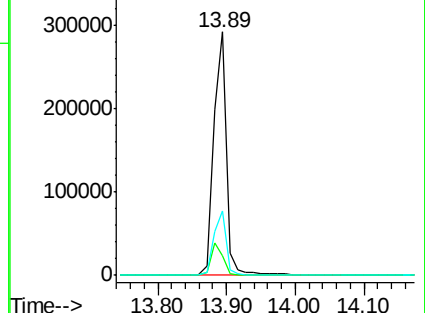
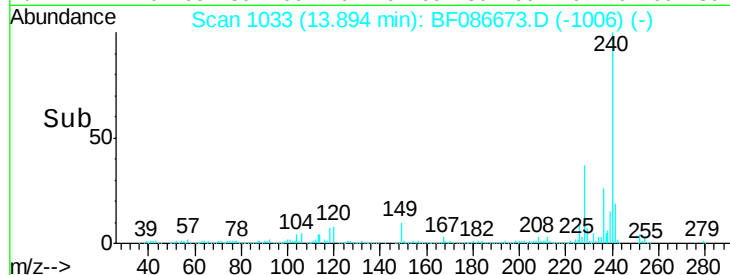
236 26.5 21.2 31.8



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: 42.59 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

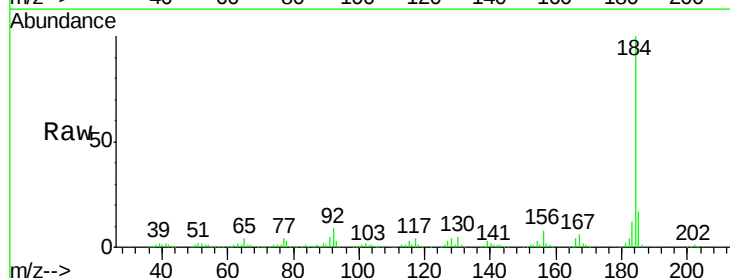
Tgt Ion:184 Resp: 558698

Ion Ratio Lower Upper

184 100

185 16.6 13.6 20.4

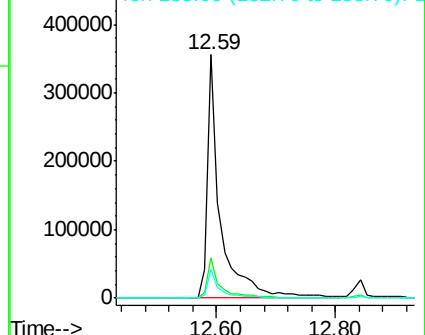
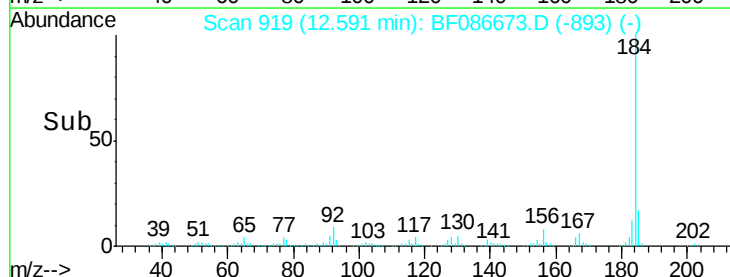
183 11.7 9.8 14.6

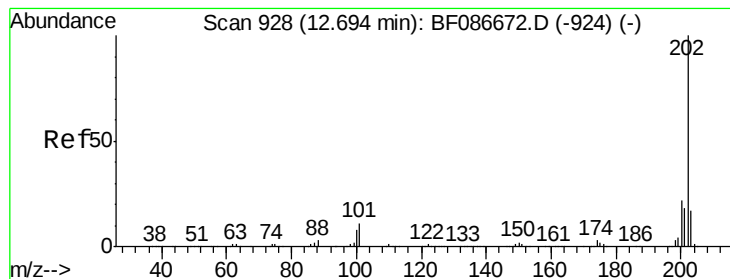


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.21 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

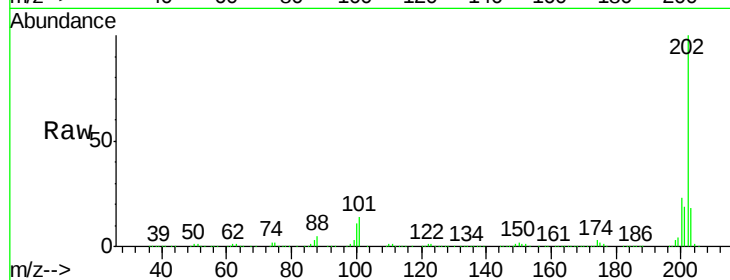
Tot Ion:202 Resp: 1601022

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

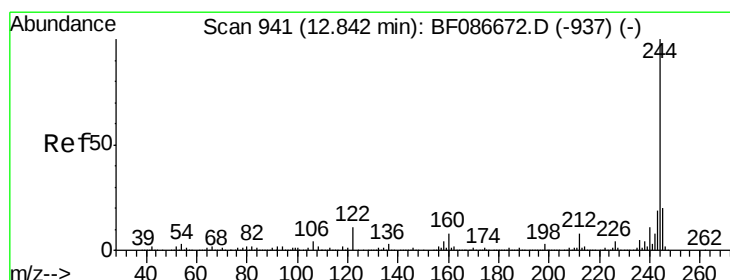
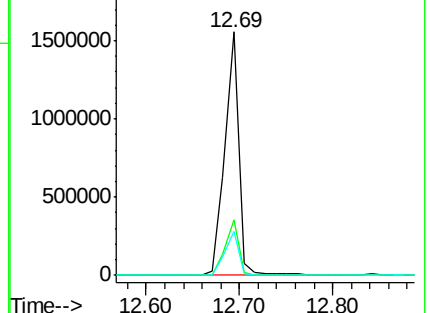
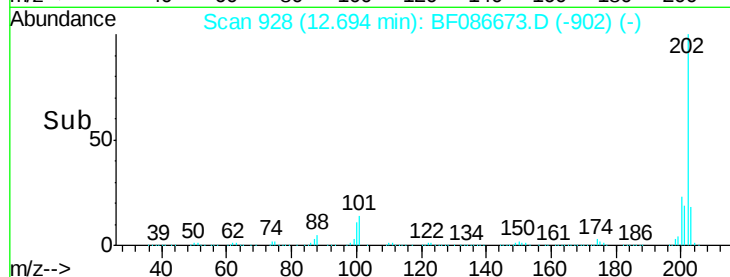
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 104.03 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

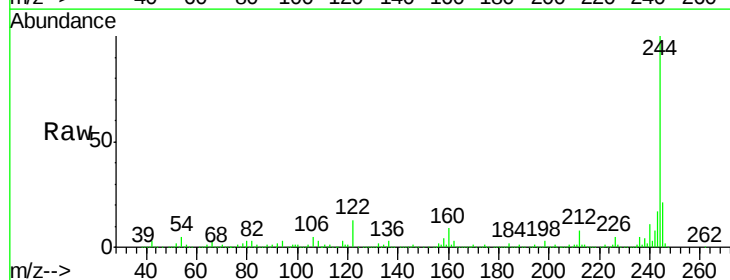
Tgt Ion:244 Resp: 1802348

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

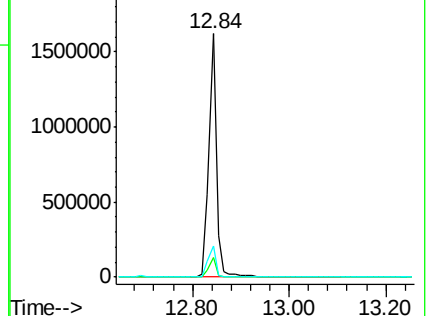
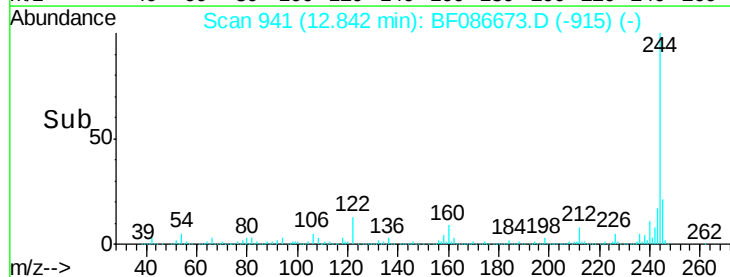
122 12.8 12.0 18.0

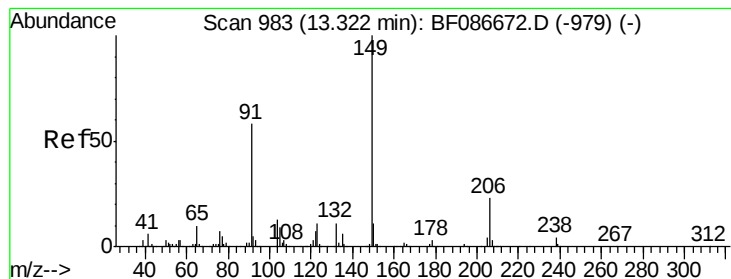


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 60.20 ng

RT: 13.32 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

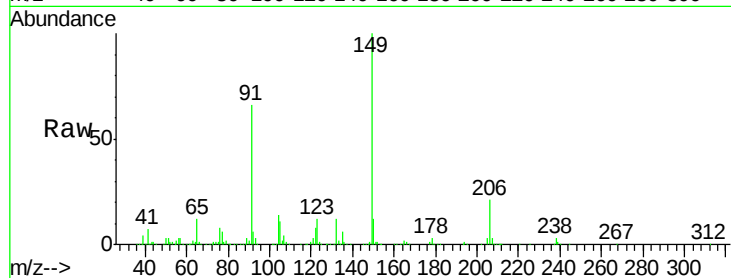
Tot Ion:149 Resp: 717022

Ion Ratio Lower Upper

149 100

91 65.7 48.0 72.0

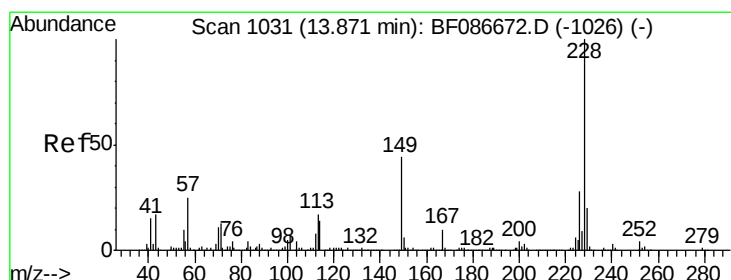
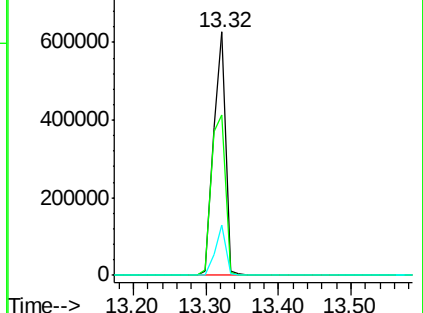
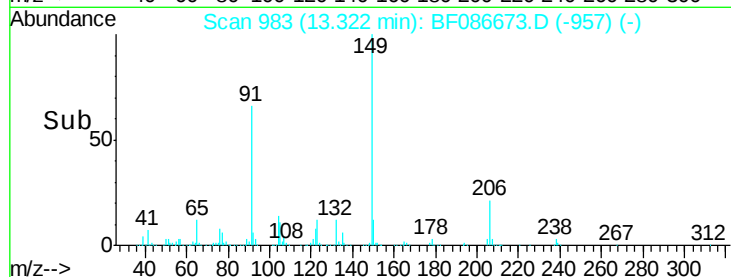
206 20.8 15.8 23.6



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: 52.49 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

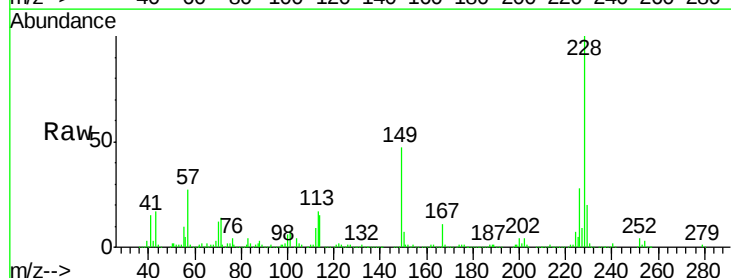
Tgt Ion:228 Resp: 1068158

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

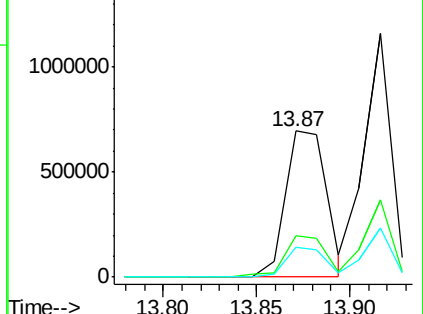
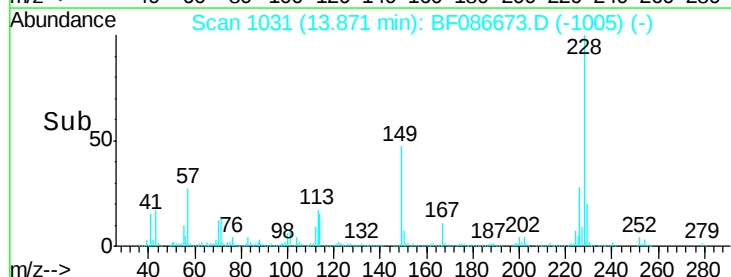
229 20.3 16.6 25.0

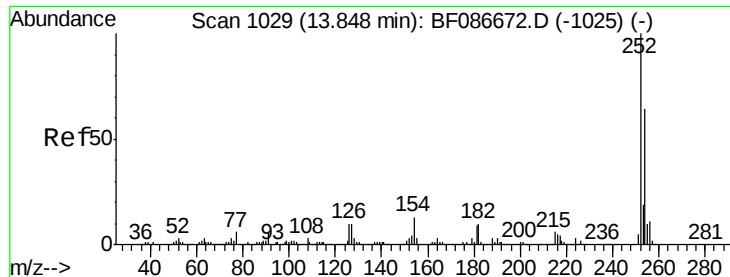


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

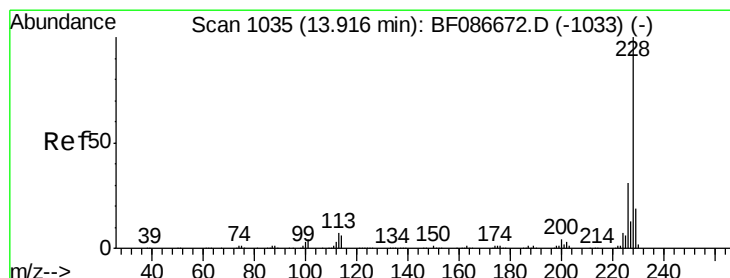
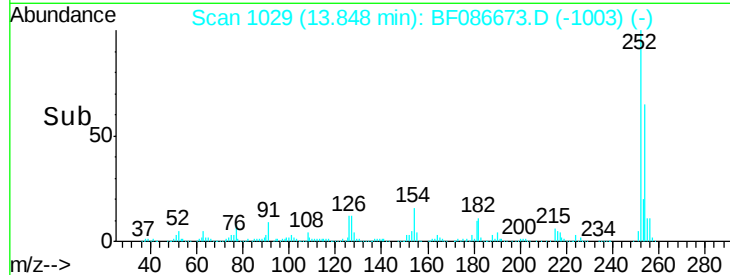
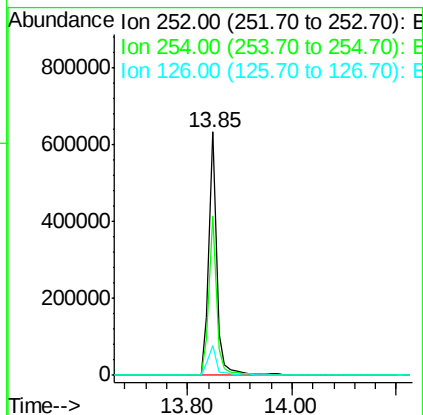
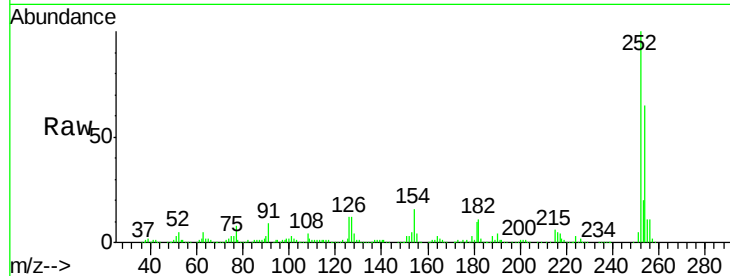




#81
 3,3'-Dichlorobenzidine
 Concen: 50.31 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

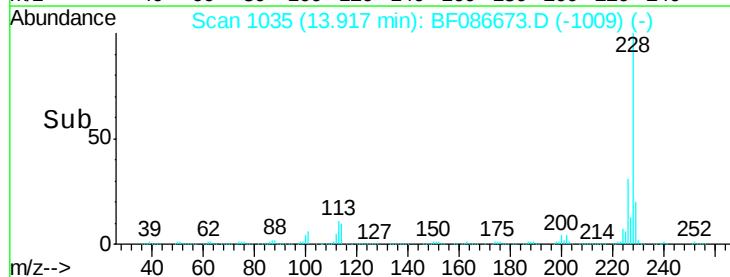
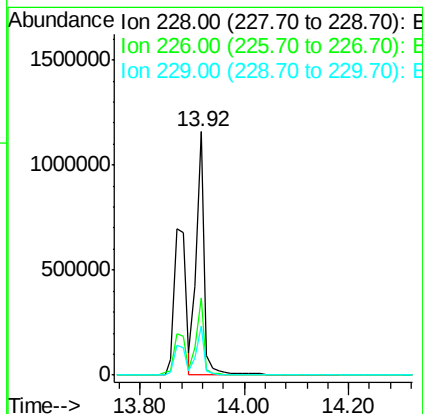
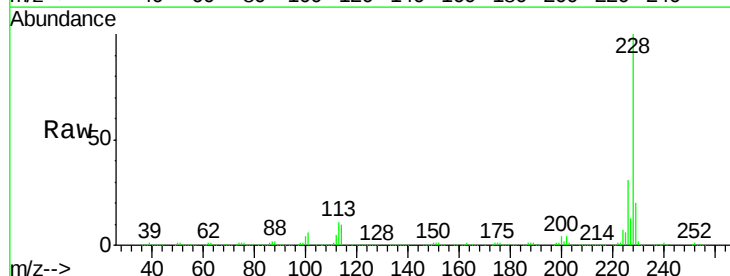
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

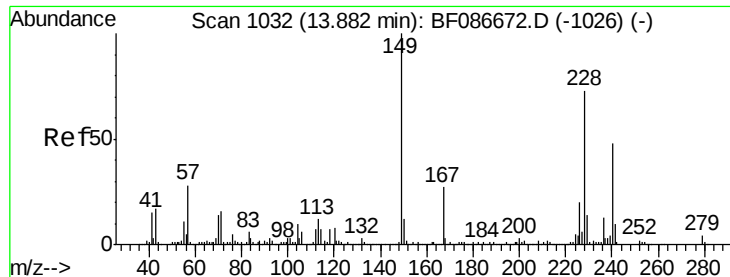
Tot Ion:252 Resp: 684420
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 12.5 12.7 19.1#



#82
 Chrysene
 Concen: 55.78 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:228 Resp: 1233866
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.2 15.8 23.8

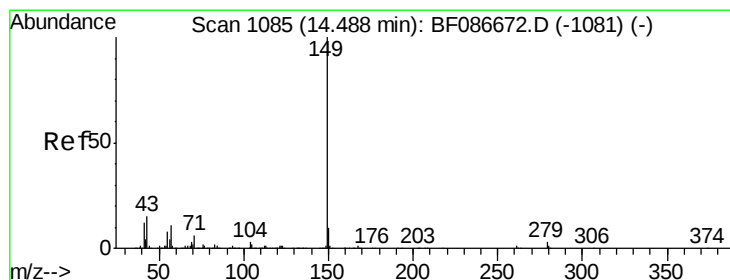
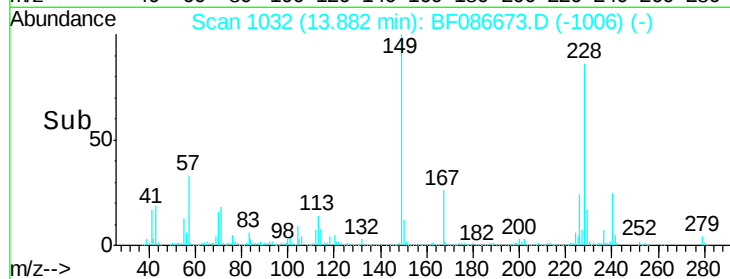
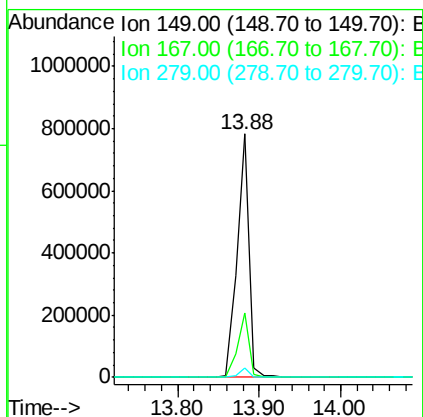
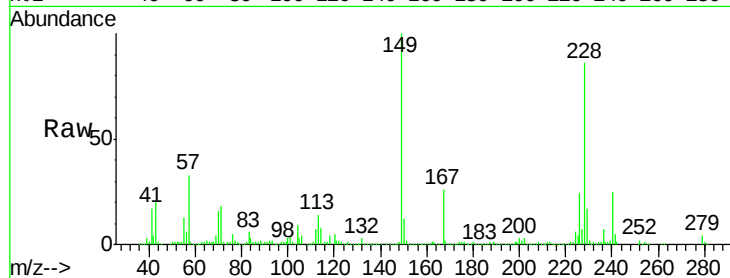




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.84 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

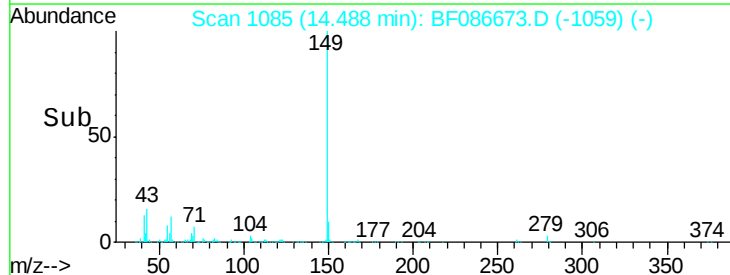
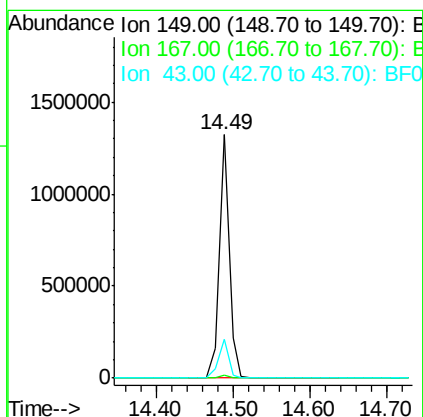
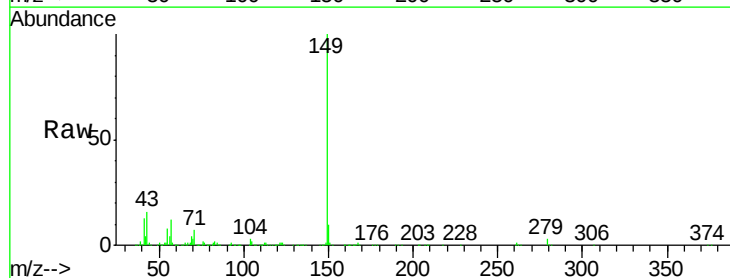
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

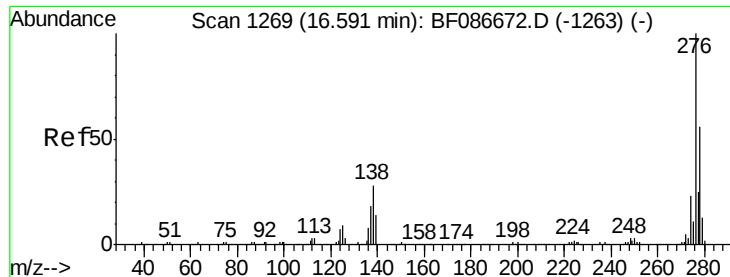
Tot Ion:149 Resp: 796117
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.6
 279 3.6 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 51.16 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:149 Resp: 1184486
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.4 8.2 12.4#



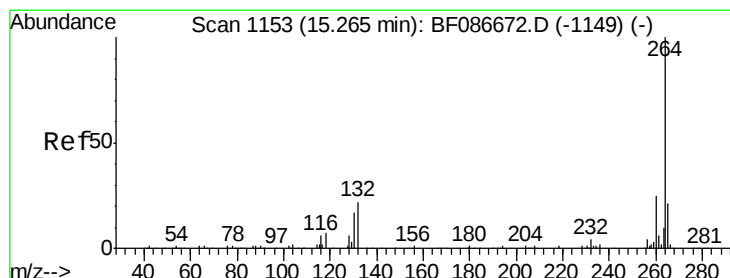
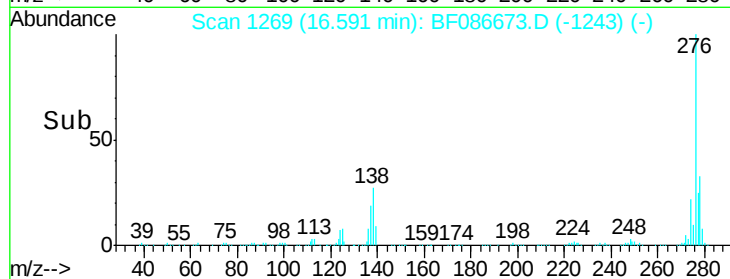
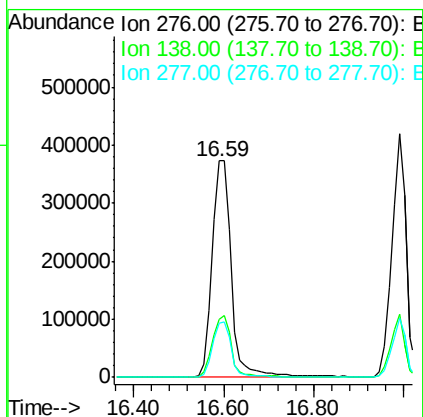
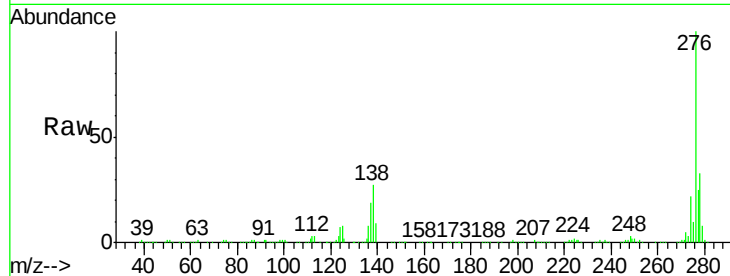


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.23 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:276 Resp: 1118184

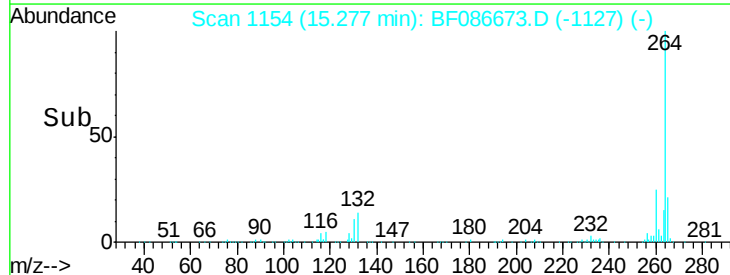
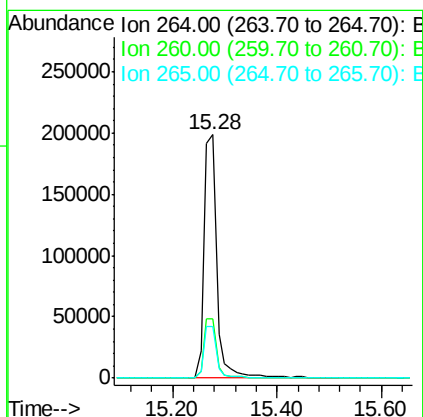
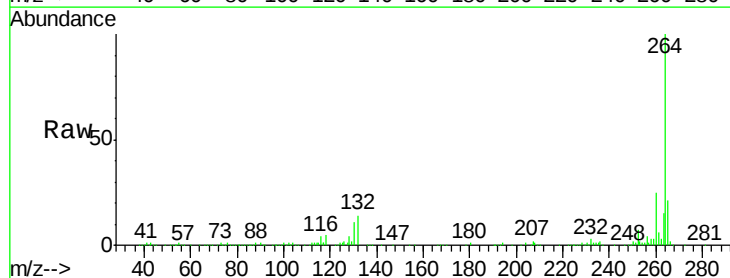
Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
277	25.5	20.5	30.7

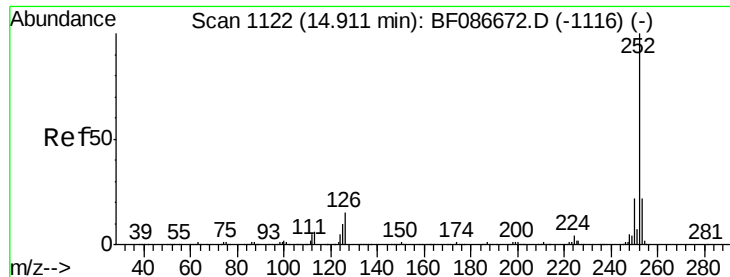


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086673.D
 Acq: 4 May 2016 13:14

Tgt Ion:264 Resp: 339528

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 95.34 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

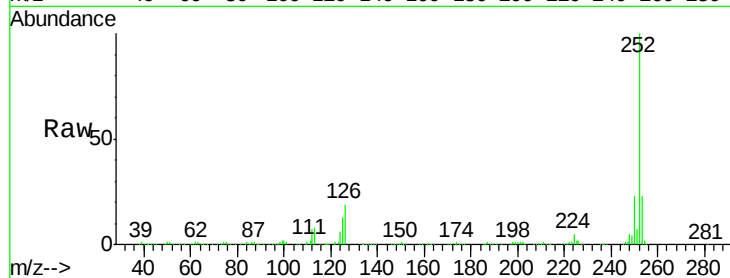
Tot Ion:252 Resp: 1904386

Ion Ratio Lower Upper

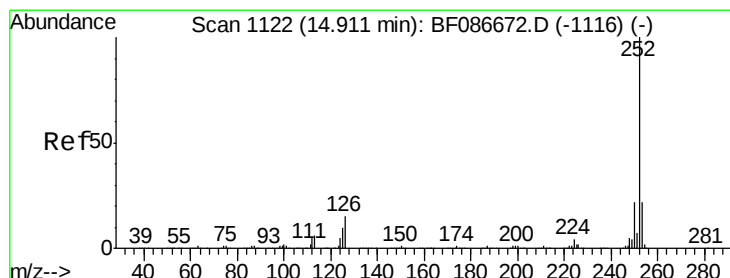
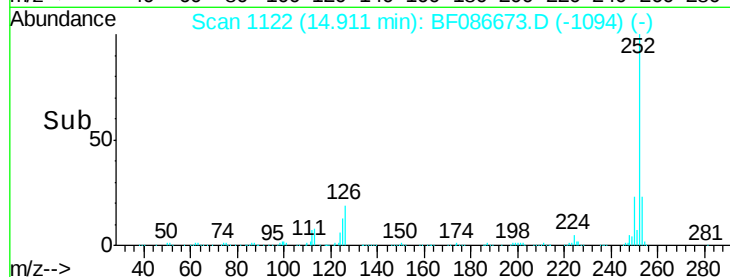
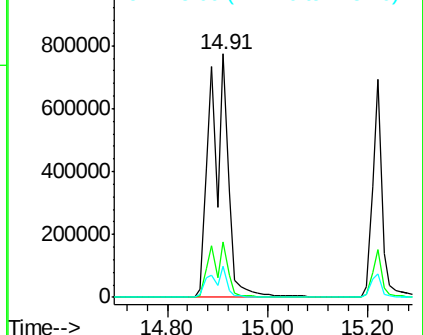
252 100

253 22.7 17.8 26.6

125 12.8 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: 91.59 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

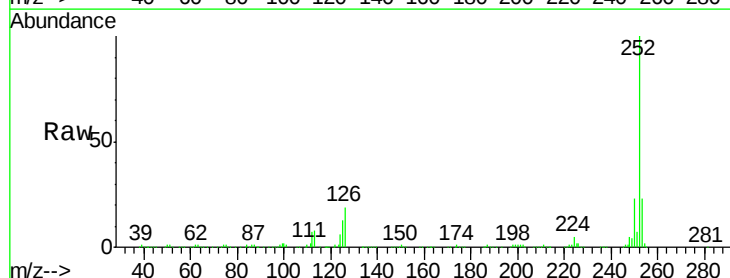
Tgt Ion:252 Resp: 1908278

Ion Ratio Lower Upper

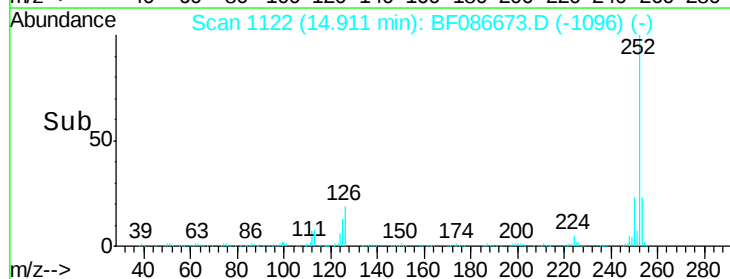
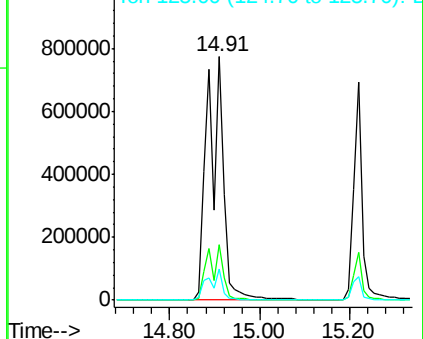
252 100

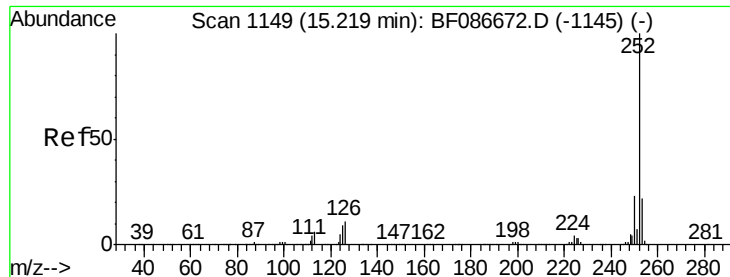
253 22.7 17.8 26.6

125 12.8 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: 48.76 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

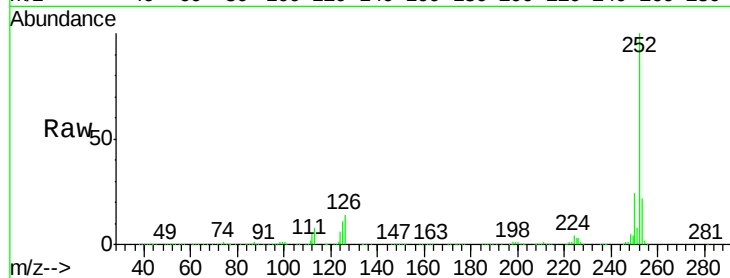
Tot Ion:252 Resp: 919517

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

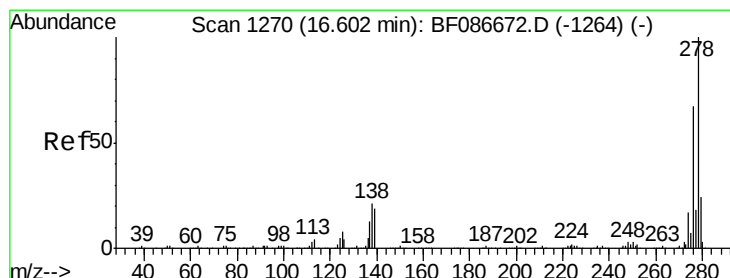
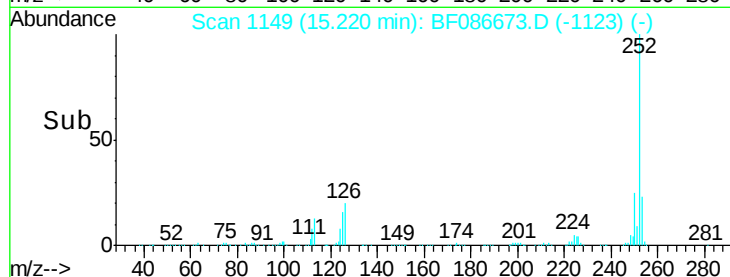
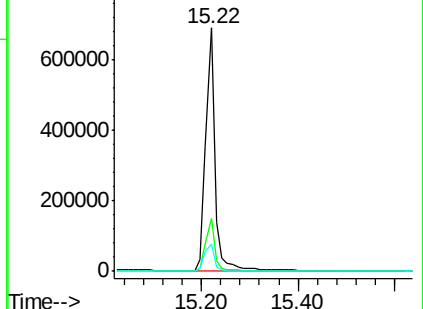
125 11.0 9.0 13.6



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: 59.56 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

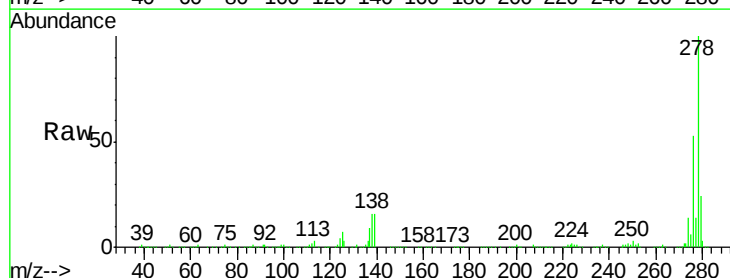
Tgt Ion:278 Resp: 919079

Ion Ratio Lower Upper

278 100

139 15.6 16.6 24.8#

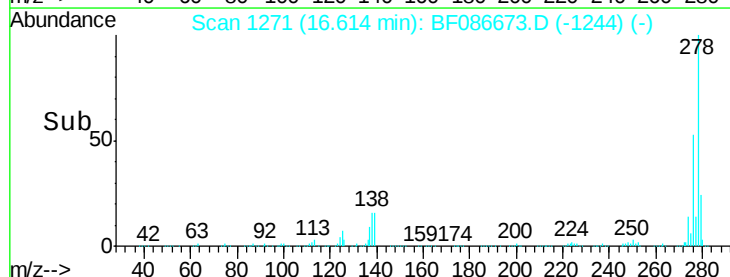
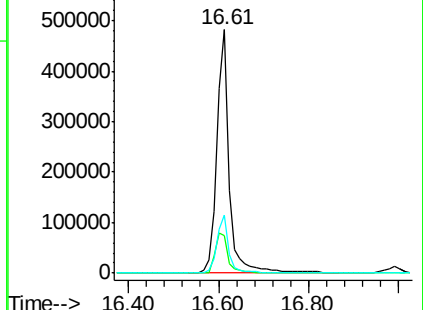
279 23.7 19.6 29.4

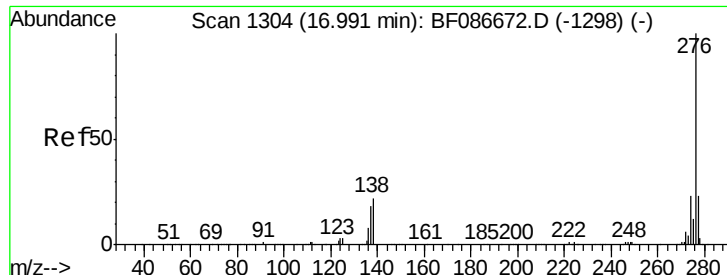


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 62.08 ng

RT: 16.99 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF086673.D

Acq: 4 May 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

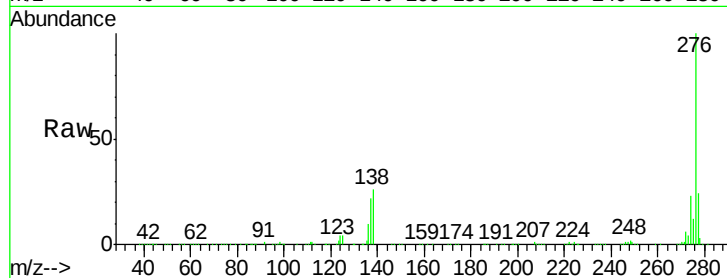
Tot Ion: 276 Resp: 960126

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 25.9 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

