

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086674.D
 Acq On : 4 May 2016 13:42
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 14:06:40 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	177150	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	749014	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	347120	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605565	20.00	ng	0.00
75) Chrysene-d12	13.89	240	388719	20.00	ng	0.01
86) Perylene-d12	15.28	264	330356	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1195874	116.44	ng	0.00
7) Phenol-d6	6.38	99	1676413	116.95	ng	0.01
23) Nitrobenzene-d5	7.31	82	1743271	125.45	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	378927	103.51	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2285316	111.42	ng	0.00
78) Terphenyl-d14	12.84	244	2048360	116.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.26	88	325130	60.26	ng	# 75
3) Pyridine	2.93	79	830609	65.05	ng	# 70
4) n-Nitrosodimethylamine	2.90	42	534254	73.41	ng	# 56
6) Aniline	6.41	93	1048064	60.42	ng	# 76
8) 2-Chlorophenol	6.52	128	703885	55.03	ng	84
9) Benzaldehyde	6.28	77	372553	44.67	ng	99
10) Phenol	6.40	94	859887	53.77	ng	# 33
11) bis(2-Chloroethyl)ether	6.49	93	818085	59.17	ng	91
12) 1,3-Dichlorobenzene	6.68	146	800202	58.16	ng	97
13) 1,4-Dichlorobenzene	6.76	146	810165	57.07	ng	99
14) 1,2-Dichlorobenzene	6.91	146	674137	51.78	ng	96
15) Benzyl Alcohol	6.89	79	557932	61.53	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1526595	55.17	ng	91
17) 2-Methylphenol	7.01	107	617941	59.77	ng	# 90
18) Hexachloroethane	7.25	117	311965	58.81	ng	# 92
19) n-Nitroso-di-n-propylamine	7.17	70	517276	54.59	ng	# 71
20) 3+4-Methylphenols	7.17	107	737902	62.51	ng	# 64
22) Acetophenone	7.16	105	956795	58.26	ng	# 90
24) Nitrobenzene	7.33	77	858716	60.07	ng	99
25) Isophorone	7.57	82	1571533	58.76	ng	99
26) 2-Nitrophenol	7.64	139	396516	60.25	ng	# 68
27) 2,4-Dimethylphenol	7.70	122	720673	62.41	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	900046	61.78	ng	99
29) 2,4-Dichlorophenol	7.89	162	603664	61.96	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	650255	57.53	ng	98
31) Naphthalene	8.05	128	2133186	55.97	ng	98
32) Benzoic acid	7.84	122	297056	49.61	ng	87
33) 4-Chloroaniline	8.11	127	845034	59.21	ng	98
34) Hexachlorobutadiene	8.17	225	343206	54.17	ng	99
35) Caprolactam	8.50	113	179839	55.33	ng	# 56
36) 4-Chloro-3-methylphenol	8.60	107	696585	62.44	ng	97
37) 2-Methylnaphthalene	8.74	142	1171324	52.08	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	593826	59.76	ng	98
40) Hexachlorocyclopentadiene	8.90	237	281052	56.92	ng	95

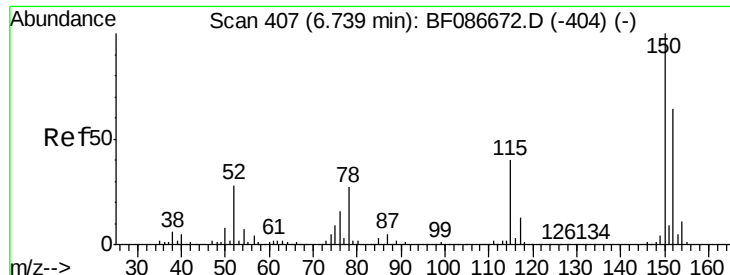
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	421615	67.13	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	392287	57.30	nq	96
45) 1,1'-Biphenyl	9.21	154	1520769	52.41	nq	95
46) 2-Chloronaphthalene	9.23	162	1212280	54.95	nq	94
47) 2-Nitroaniline	9.33	65	505211	71.41	nq	92
48) Acenaphthylene	9.64	152	1767465	51.26	nq	99
49) Dimethylphthalate	9.52	163	1414090	54.11	nq	99
50) 2,6-Dinitrotoluene	9.57	165	300601	55.68	nq	# 76
51) Acenaphthene	9.81	154	1152858	52.05	nq	99
52) 3-Nitroaniline	9.74	138	361107	58.81	nq	84
53) 2,4-Dinitrophenol	9.85	184	120473	49.89	nq	# 82
54) Dibenzofuran	9.98	168	1389588	50.20	nq	94
55) 4-Nitrophenol	9.92	139	257972	64.17	nq	87
56) 2,4-Dinitrotoluene	9.98	165	401234	58.30	nq	# 81
57) Fluorene	10.33	166	1151964	47.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	307530	57.46	nq	99
59) Diethylphthalate	10.21	149	1393280	56.32	nq	97
60) 4-Chlorophenyl-phenylether	10.33	204	565213	51.80	nq	# 76
61) 4-Nitroaniline	10.36	138	369749	61.61	nq	# 77
62) Azobenzene	10.48	77	1524688	56.27	nq	84
64) 4,6-Dinitro-2-methylphenol	10.38	198	190609	53.62	nq	# 52
65) n-Nitrosodiphenylamine	10.44	169	1033026	54.58	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	332278	53.25	nq	94
67) Hexachlorobenzene	10.88	284	446529	61.82	nq	# 92
68) Atrazine	10.98	200	358488	63.08	nq	95
69) Pentachlorophenol	11.07	266	217146	57.02	nq	98
70) Phenanthrene	11.29	178	1895695	59.65	nq	99
71) Anthracene	11.33	178	1818909	53.63	nq	99
72) Carbazole	11.49	167	1657912	55.16	nq	98
73) Di-n-butylphthalate	11.82	149	1967338	57.77	nq	# 98
74) Fluoranthene	12.46	202	1701404	53.04	nq	98
76) Benzidine	12.59	184	653729	48.94	nq	99
77) Pyrene	12.69	202	1726679	61.65	nq	98
79) Butylbenzylphthalate	13.32	149	873417	72.00	nq	# 86
80) Benzo(a)anthracene	13.88	228	1240833	59.87	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	733403	52.94	nq	97
82) Chrysene	13.92	228	1327292	58.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	902548	59.94	nq	98
84) Di-n-octyl phthalate	14.49	149	1385315	58.75	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.60	276	1321290	79.16	nq	97
87) Benzo(b)fluoranthene	14.89	252	2221444	114.30	nq	97
88) Benzo(k)fluoranthene	14.89	252	2222911	109.66	nq	100
89) Benzo(a)pyrene	15.22	252	1049356	57.19	nq	97
90) Dibenzo(a,h)anthracene	16.61	278	1084665	72.24	nq	99
91) Benzo(g,h,i)perylene	17.00	276	1139131	75.70	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

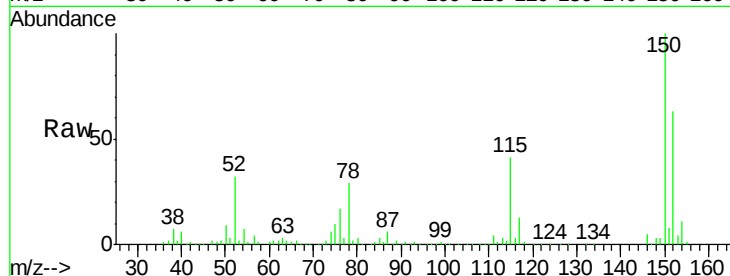
Tot Ion:152 Resp: 177150

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

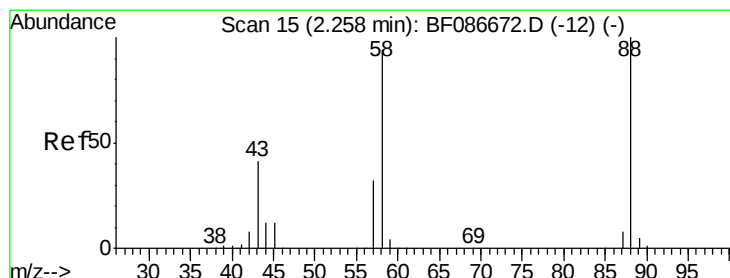
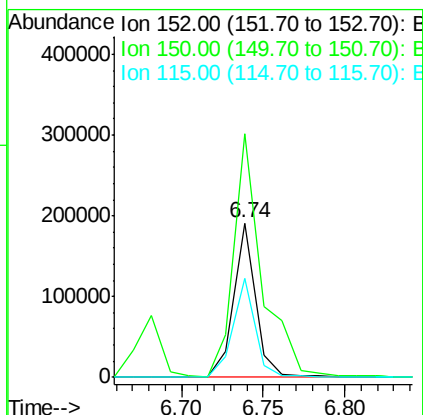
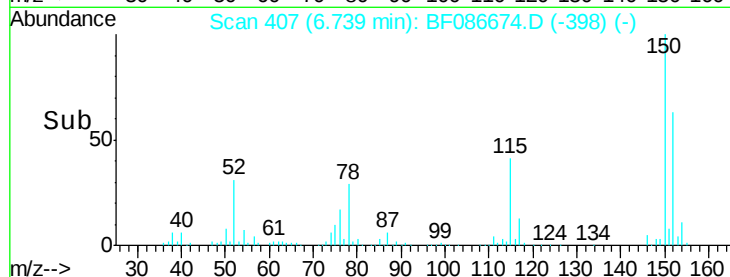
115 64.2 51.5 77.3



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: 60.26 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

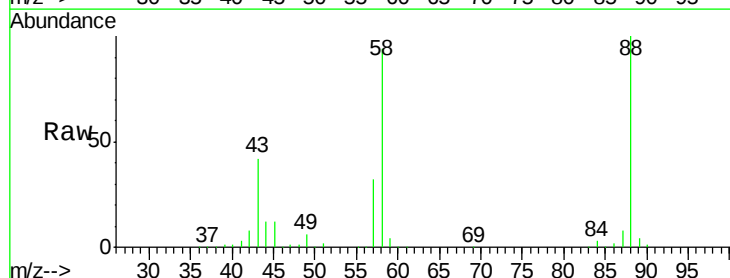
Tgt Ion: 88 Resp: 325130

Ion Ratio Lower Upper

88 100

58 94.5 59.6 89.4#

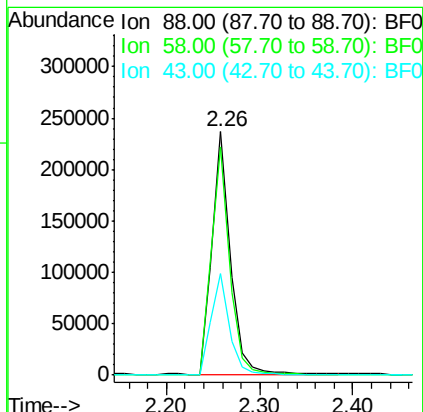
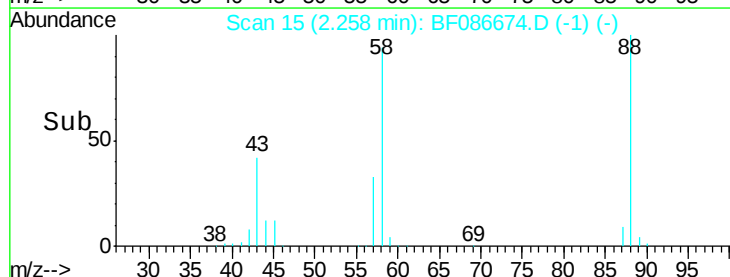
43 41.6 21.8 32.6#

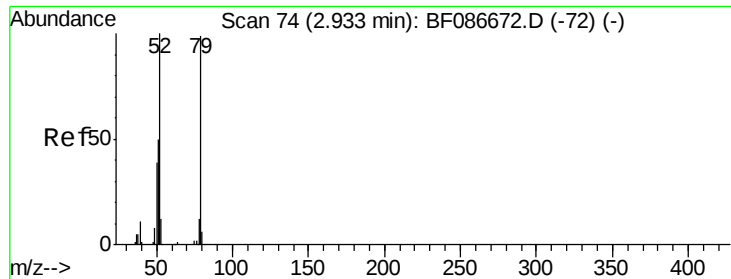


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

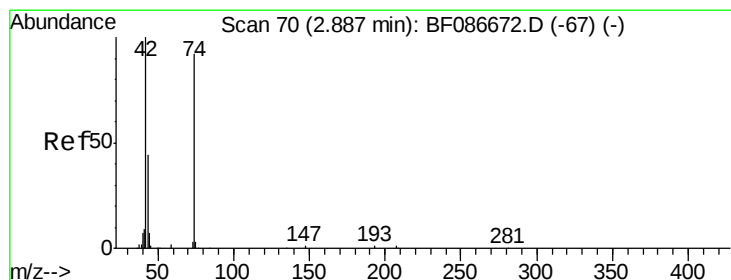
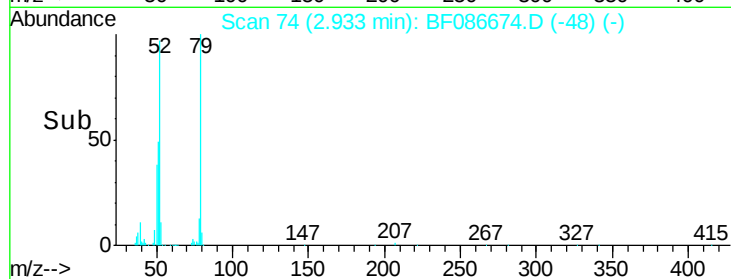
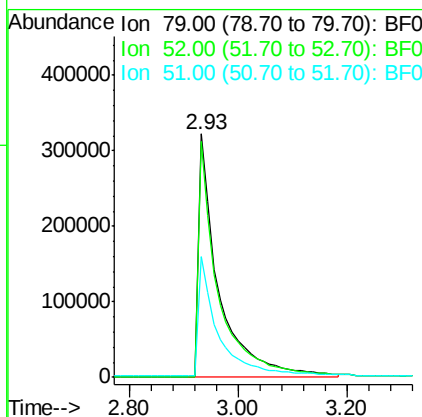
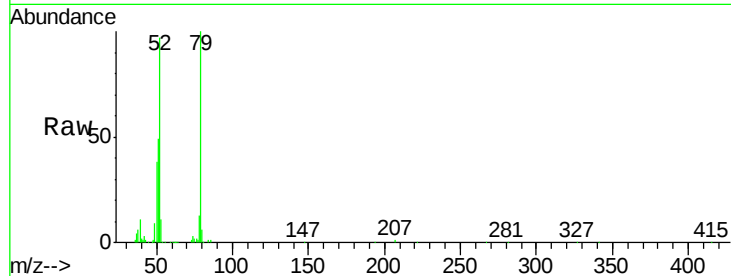




#3
 Pvridine
 Concen: 65.05 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

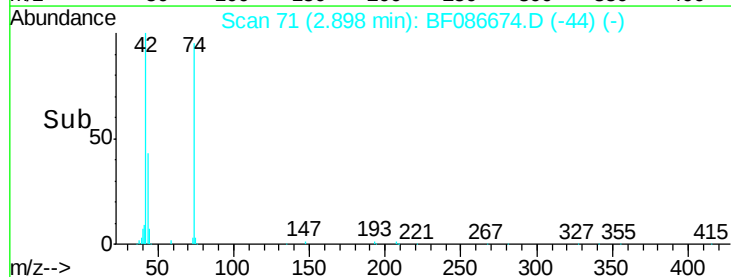
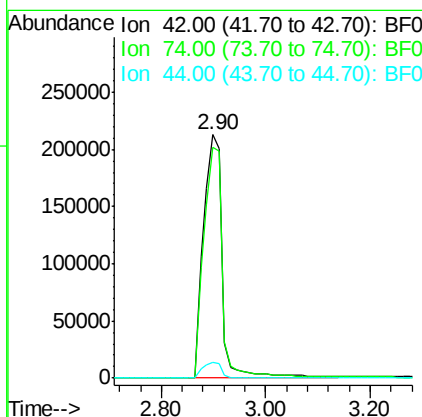
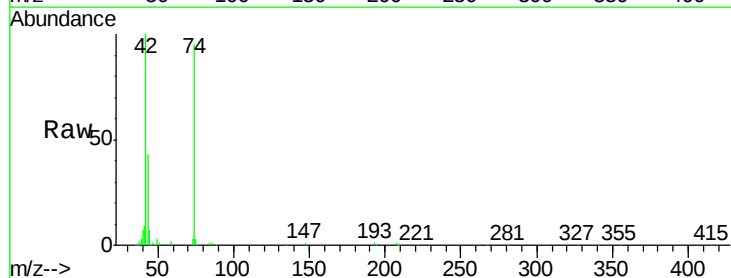
Instrument :
 BNA_F
 ClientSampleId :

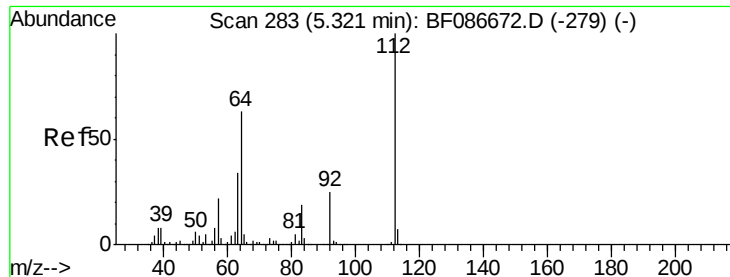
Tot Ion: 79 Resp: 830609
 Ion Ratio Lower Upper
 79 100
 52 97.1 55.9 83.9#
 51 49.4 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 73.41 ng
 RT: 2.90 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion: 42 Resp: 534254
 Ion Ratio Lower Upper
 42 100
 74 94.6 123.4 185.0#
 44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 116.44 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

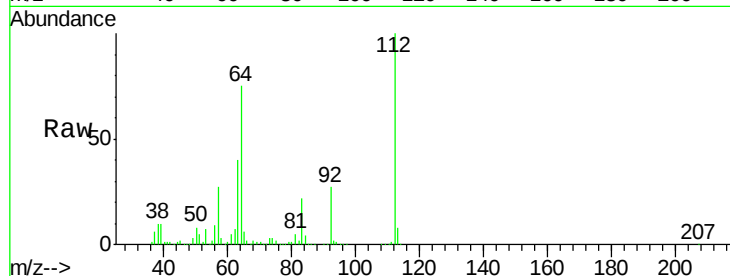
Tot Ion:112 Resp: 1195874

Ion Ratio Lower Upper

112 100

64 74.7 52.1 78.1

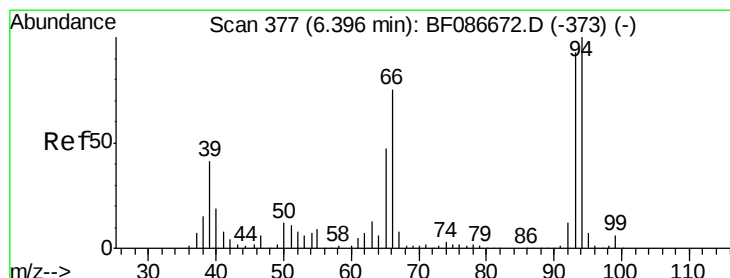
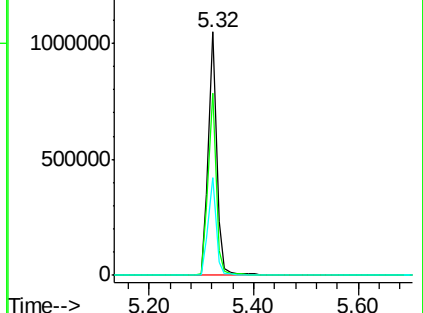
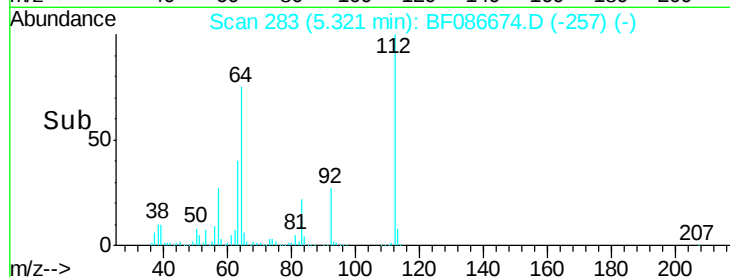
63 40.0 25.7 38.5#



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: 60.42 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

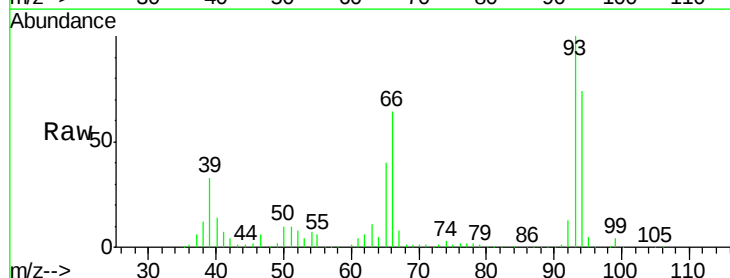
Tgt Ion: 93 Resp: 1048064

Ion Ratio Lower Upper

93 100

66 64.5 39.0 58.6#

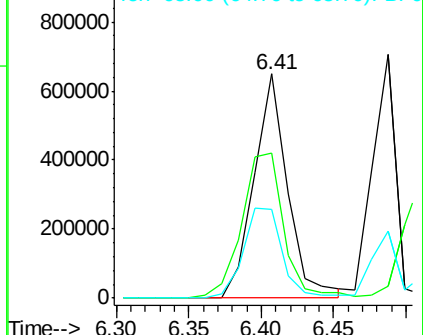
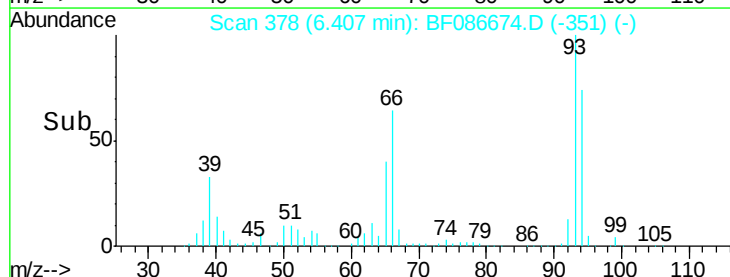
65 39.7 20.6 31.0#

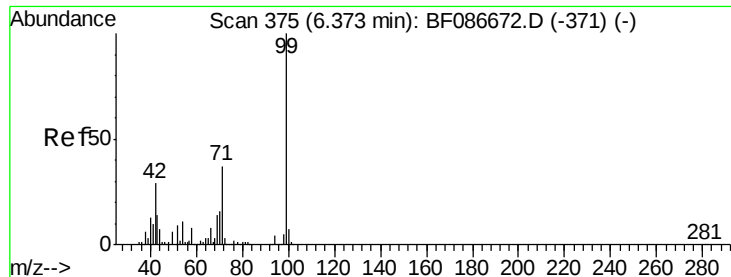


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.95 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

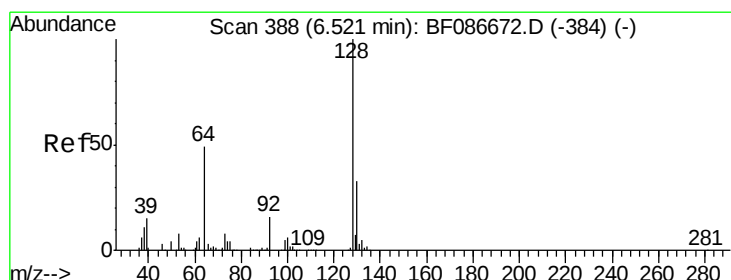
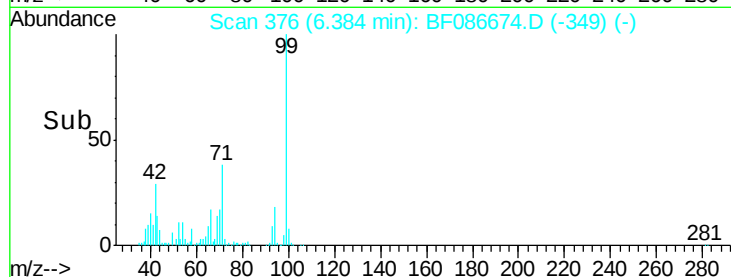
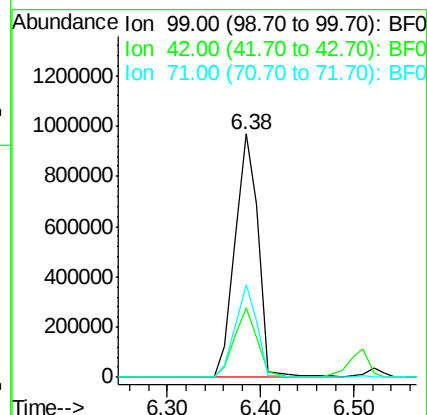
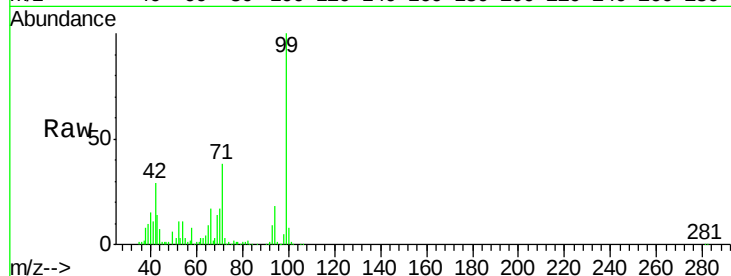
Tot Ion: 99 Resp: 1676413

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 37.9 24.6 36.8#



#8

2-Chlorophenol

Concen: 55.03 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

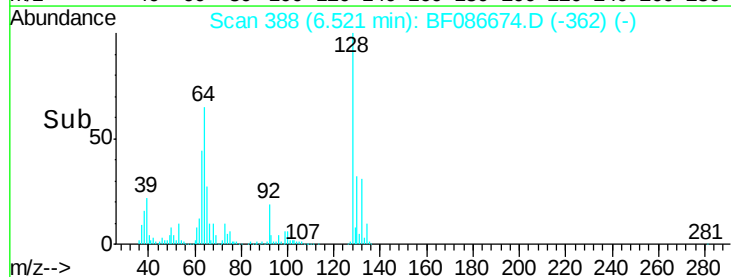
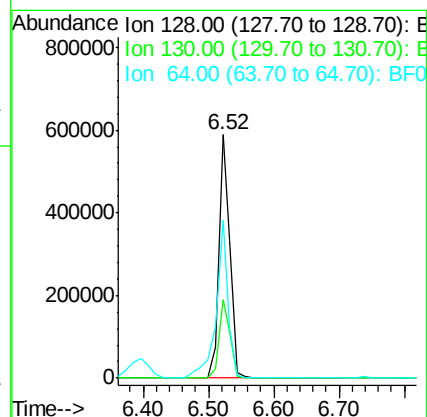
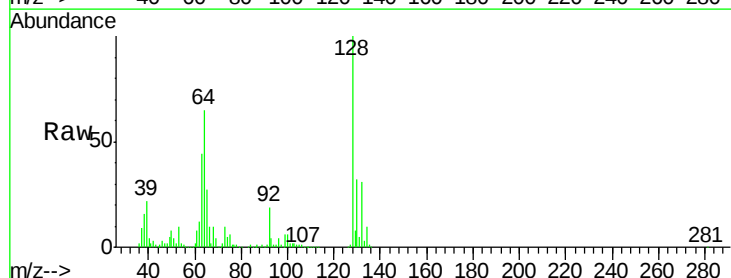
Tgt Ion: 128 Resp: 703885

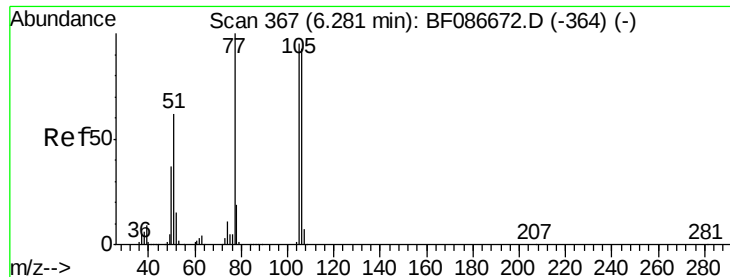
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 65.0 27.3 67.3





#9

Benzaldehyde

Concen: 44.67 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

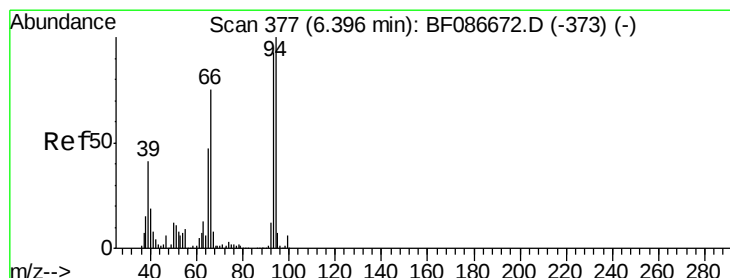
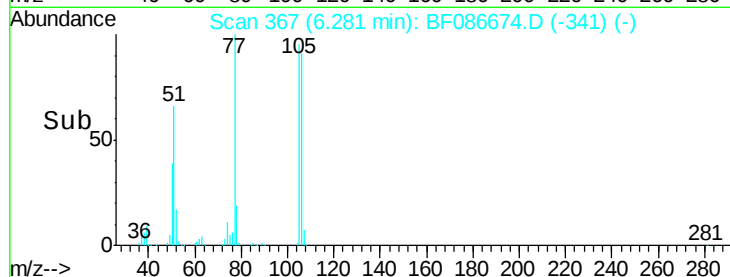
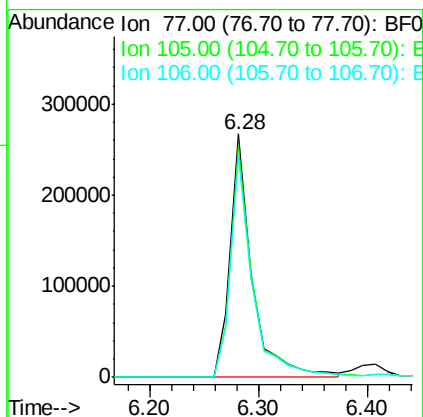
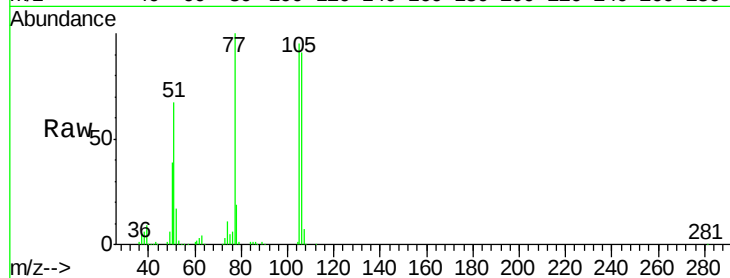
Tot Ion: 77 Resp: 372553

Ion Ratio Lower Upper

77 100

105 95.0 72.7 112.7

106 90.9 70.8 110.8



#10

Phenol

Concen: 53.77 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

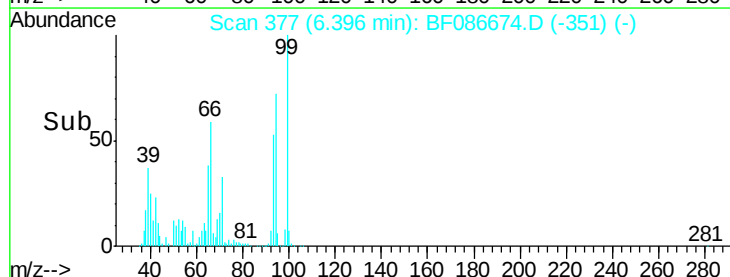
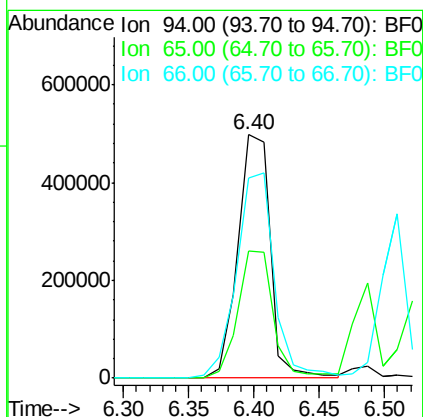
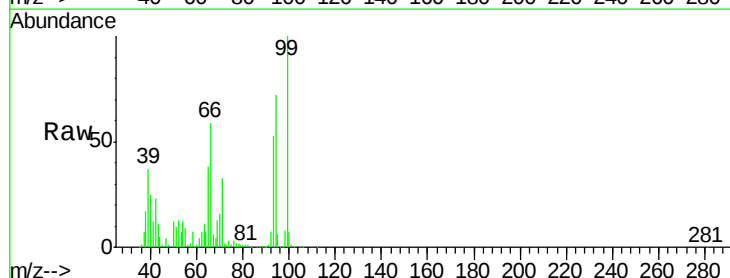
Tgt Ion: 94 Resp: 859887

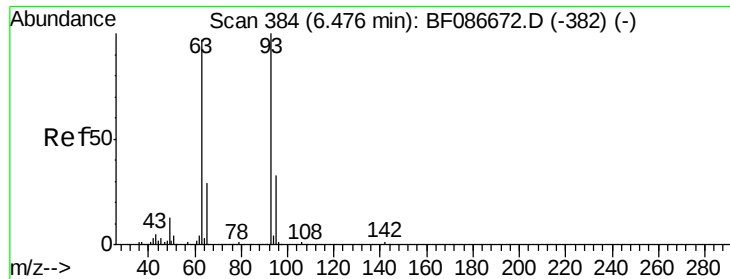
Ion Ratio Lower Upper

94 100

65 52.3 7.2 47.2#

66 82.4 14.9 54.9#

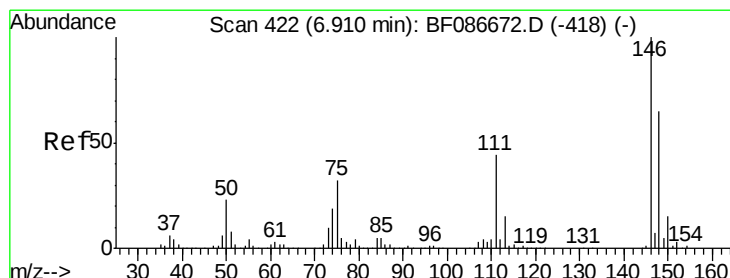
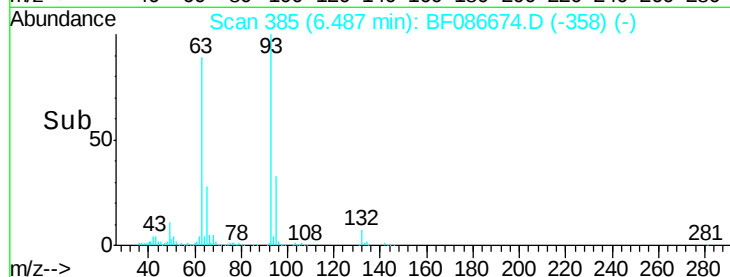
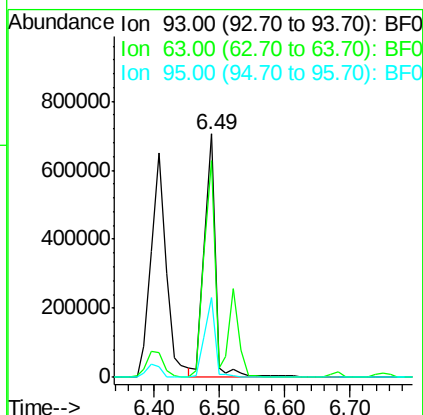
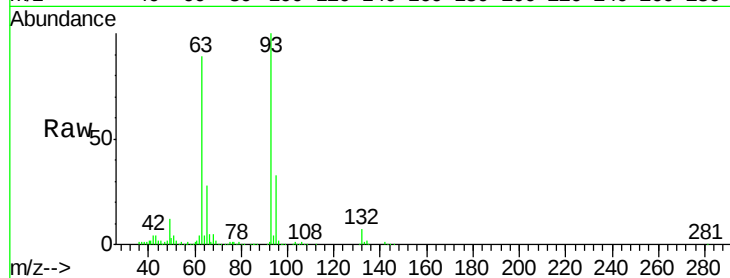




#11
bis(2-Chloroethyl)ether
Concen: 59.17 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

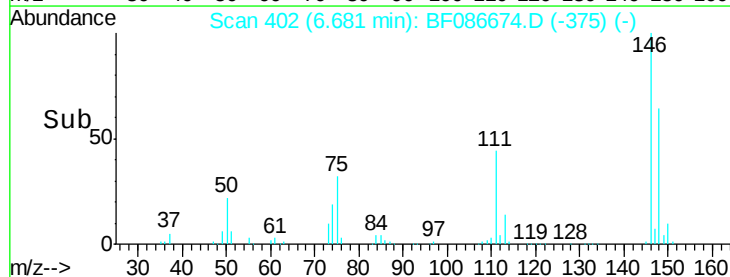
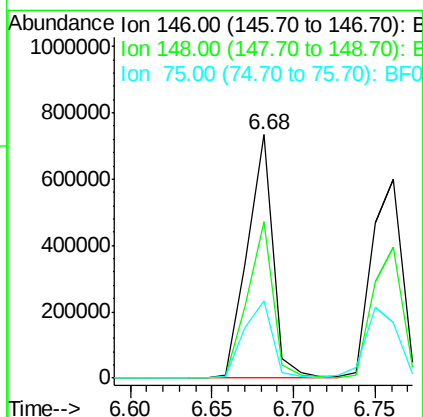
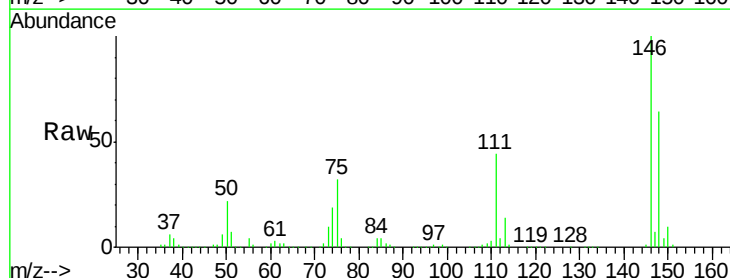
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 818085
Ion Ratio Lower Upper
93 100
63 88.8 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 58.16 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion: 146 Resp: 800202
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
75 31.6 22.8 34.2

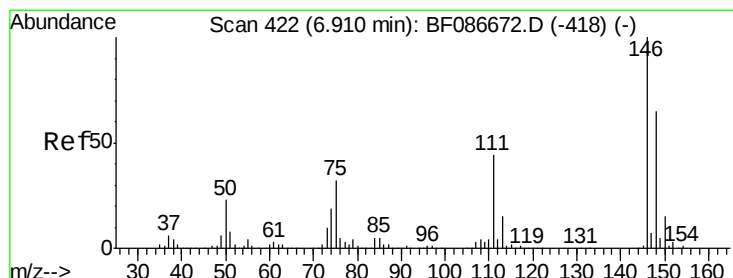
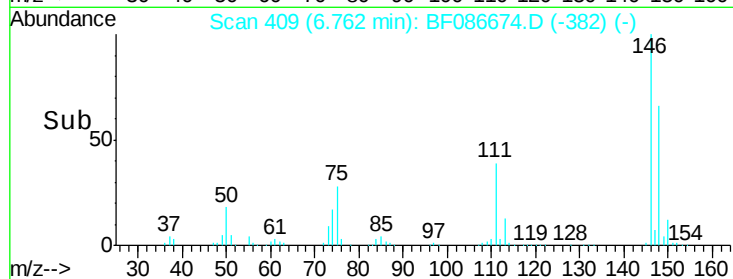
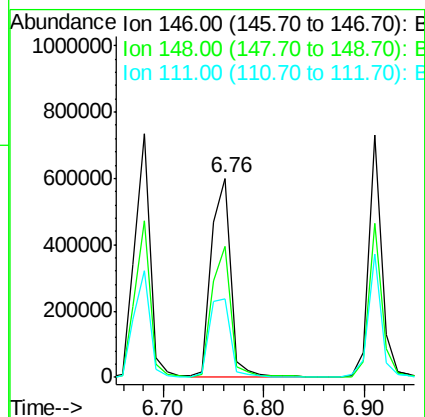
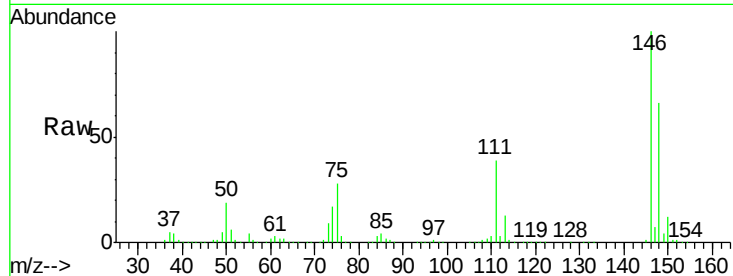




#13
 1,4-Dichlorobenzene
 Concen: 57.07 ng
 RT: 6.76 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

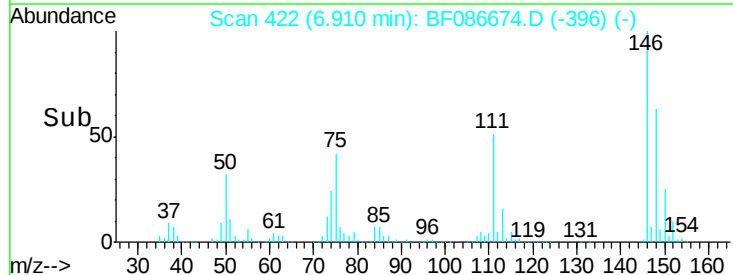
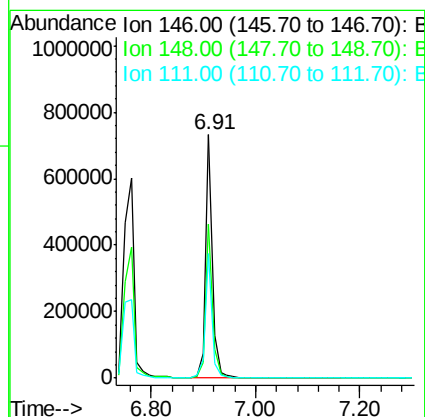
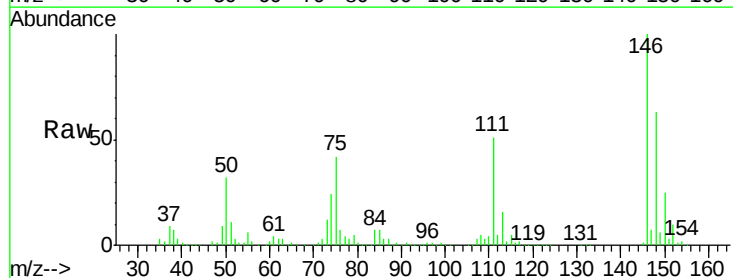
Instrument :
 BNA_F
 ClientSampled :

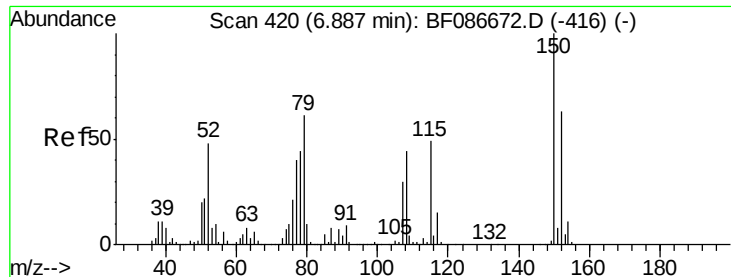
Tot Ion:146 Resp: 810165
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.4
 111 39.2 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 51.78 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:146 Resp: 674137
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 50.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 61.53 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

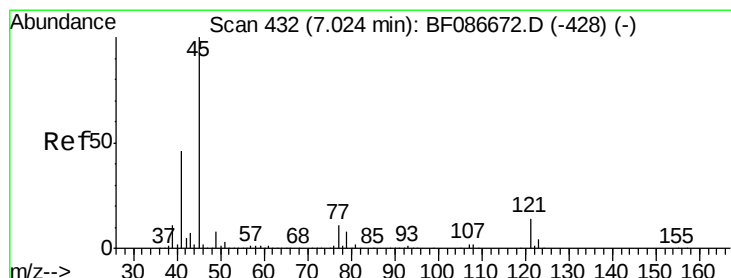
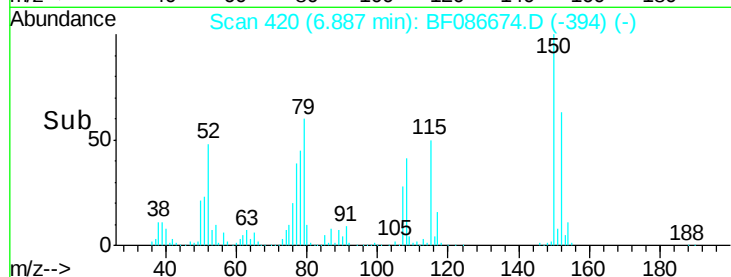
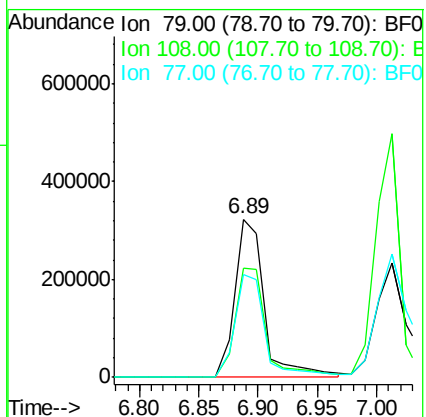
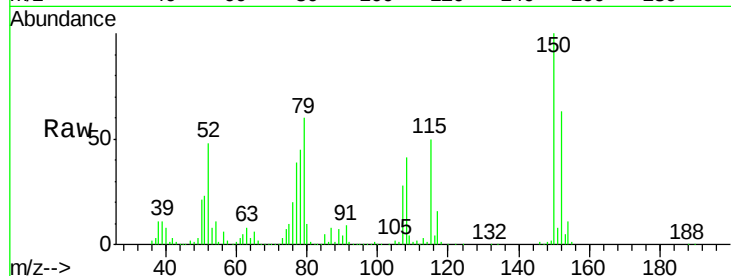
Tot Ion: 79 Resp: 557932

Ion Ratio Lower Upper

79 100

108 68.8 68.4 102.6

77 65.1 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.17 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

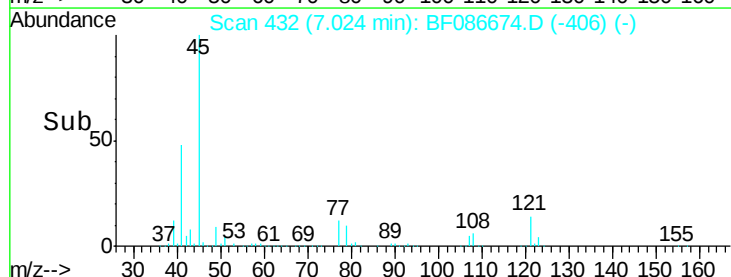
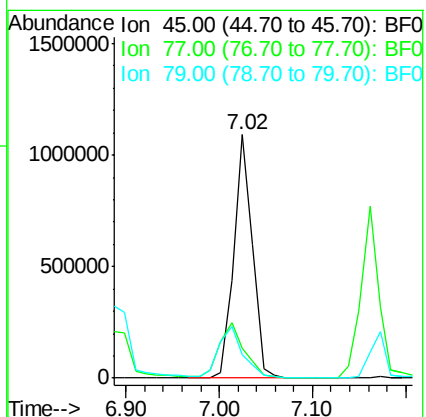
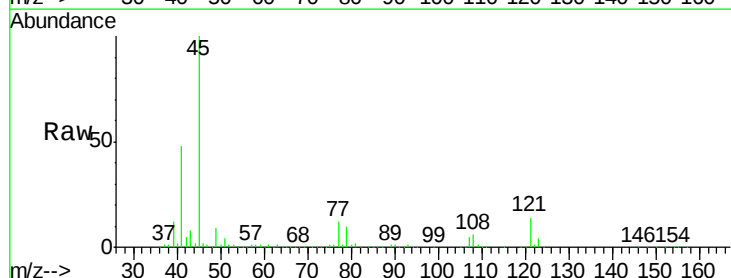
Tgt Ion: 45 Resp: 1526595

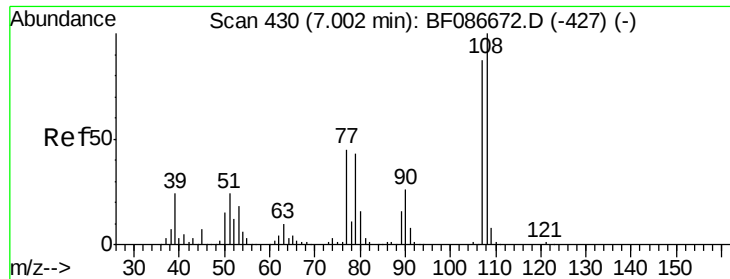
Ion Ratio Lower Upper

45 100

77 12.5 0.0 36.4

79 9.9 0.0 33.4





#17

2-Methylphenol

Concen: 59.77 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 617941

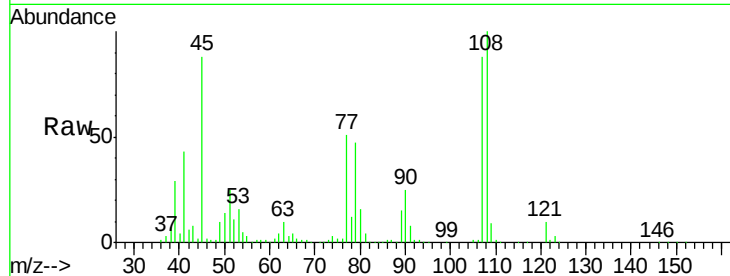
Ion Ratio Lower Upper

107 100

108 113.9 93.7 140.5

77 57.6 33.4 50.0#

79 53.4 34.3 51.5#

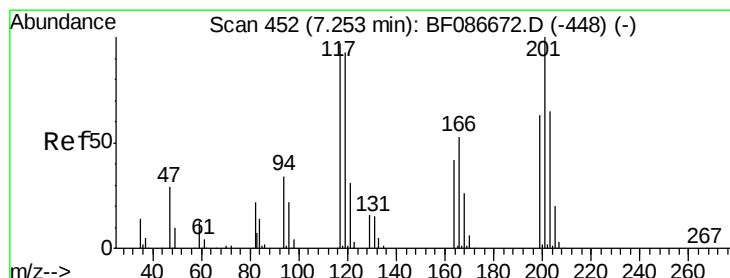
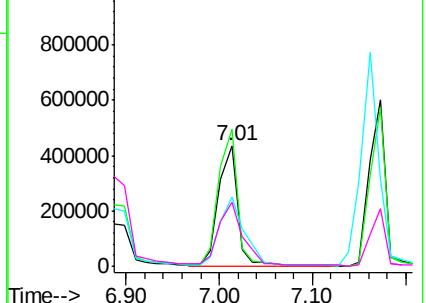
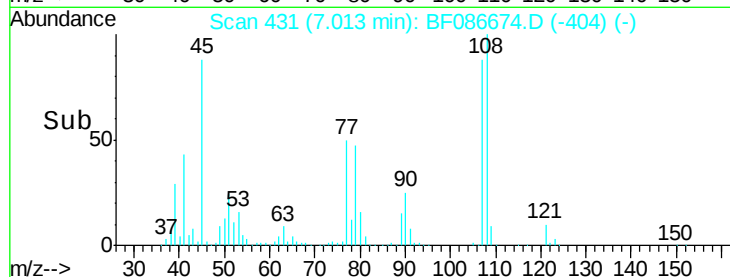


Abundance Ion 107.00 (106.70 to 107.70): E

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: 58.81 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

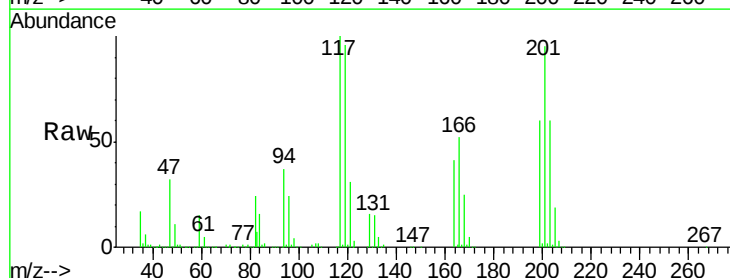
Tgt Ion:117 Resp: 311965

Ion Ratio Lower Upper

117 100

119 95.7 76.5 114.7

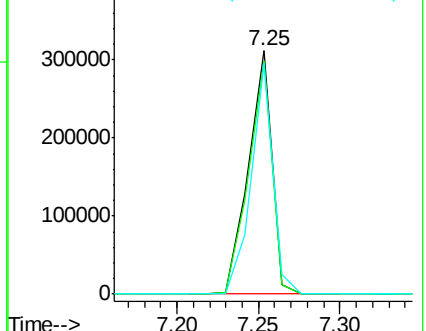
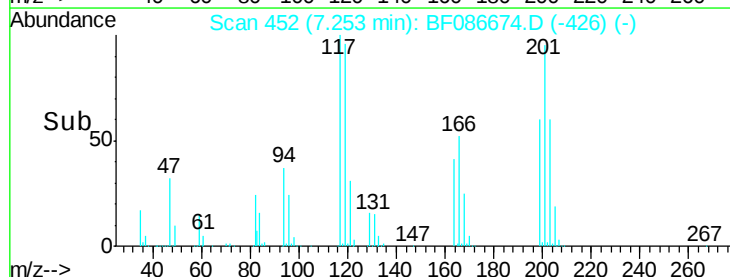
201 94.9 63.0 94.6#

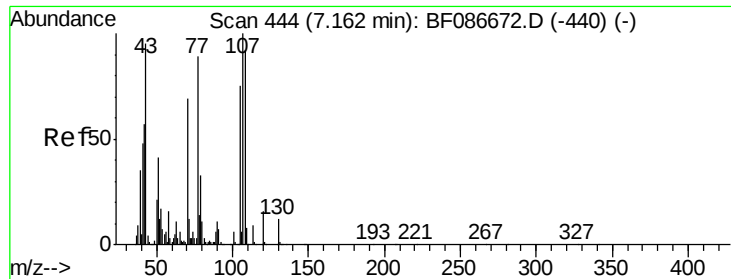


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

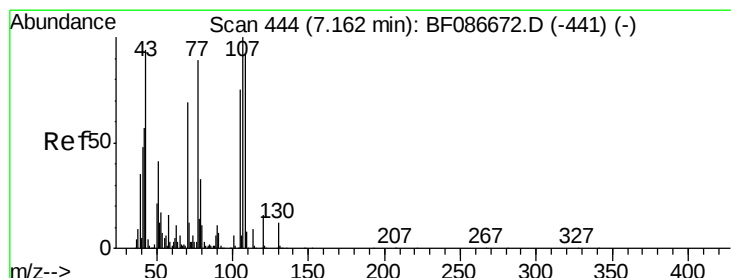
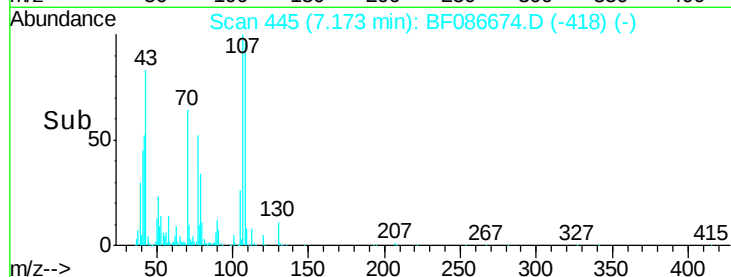
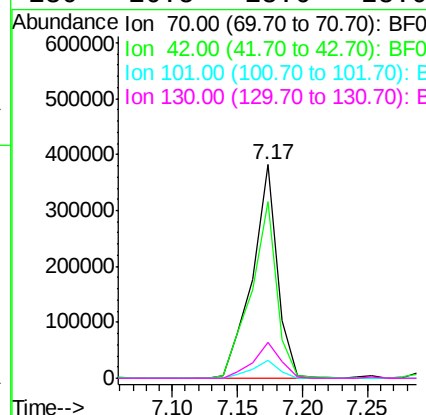
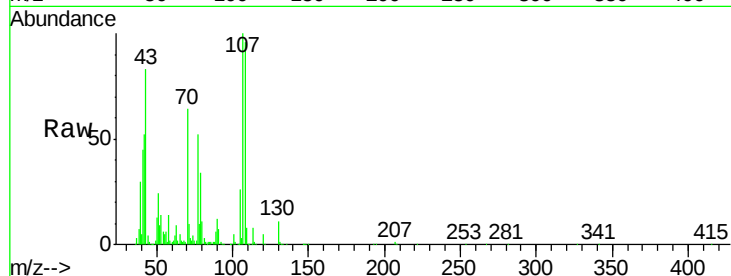




#19
n-Nitroso-di-n-propylamine
Concen: 54.59 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

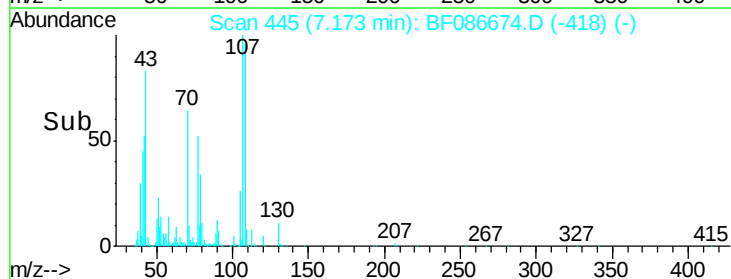
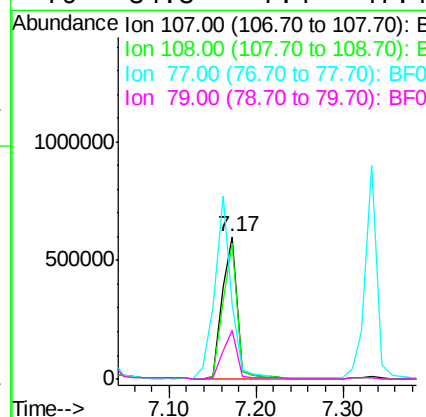
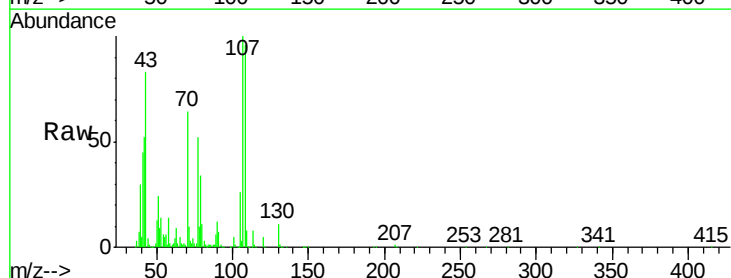
Instrument :
BNA_F
ClientSampleId :

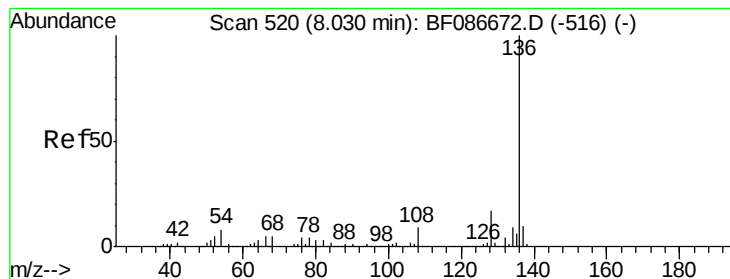
Tot Ion	Ratio	Lower	Upper
70	100		
42	82.5	43.1	64.7#
101	8.6	8.1	12.1
130	16.5	18.6	28.0#



#20
3+4-Methylphenols
Concen: 62.51 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	68.5	108.5
77	52.5	101.6	141.6#
79	34.3	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: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 749014

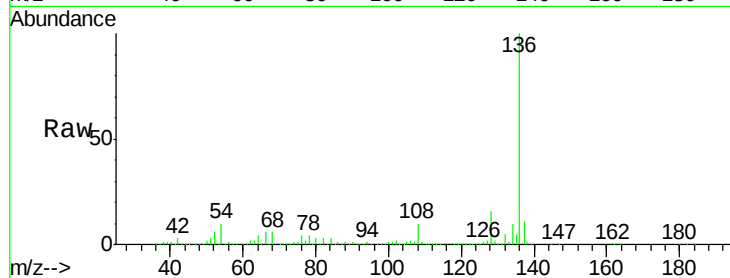
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.9 5.0 7.4#

68 5.9 4.4 6.6

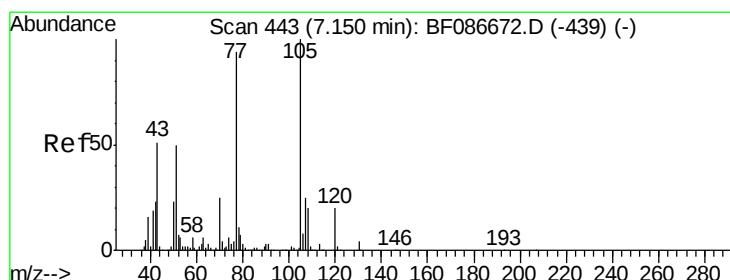
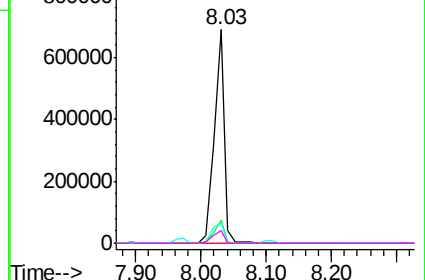
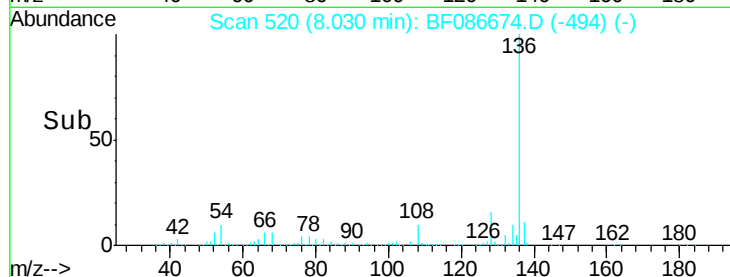


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.26 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:105 Resp: 956795

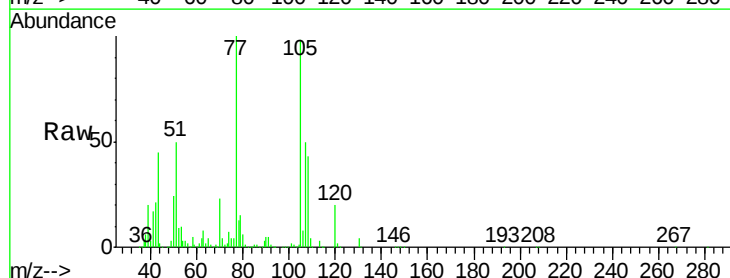
Ion Ratio Lower Upper

105 100

71 3.9 4.8 7.2#

51 50.8 32.6 49.0#

120 20.2 16.5 24.7

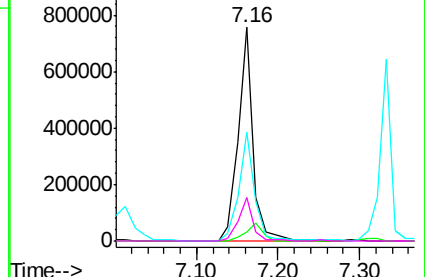
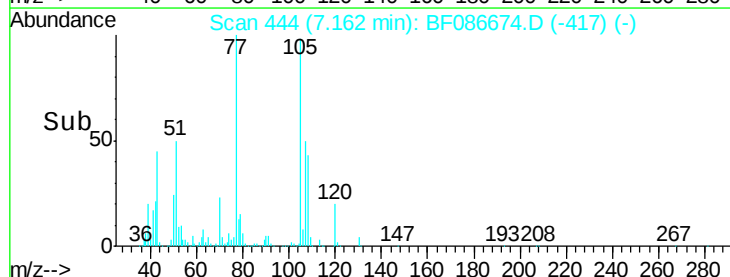


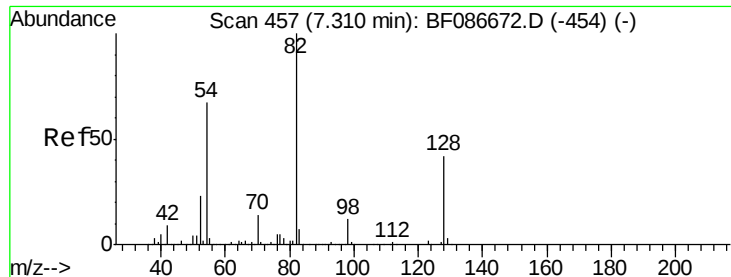
Abundance Ion 105.00 (104.70 to 105.70): E

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

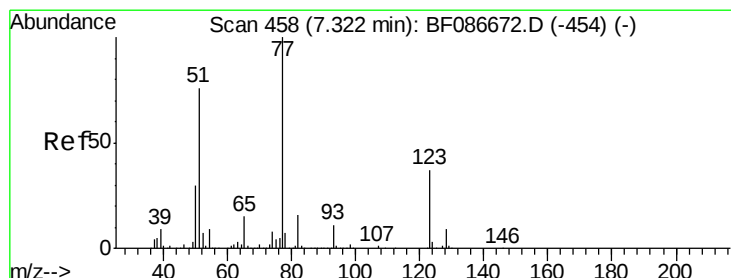
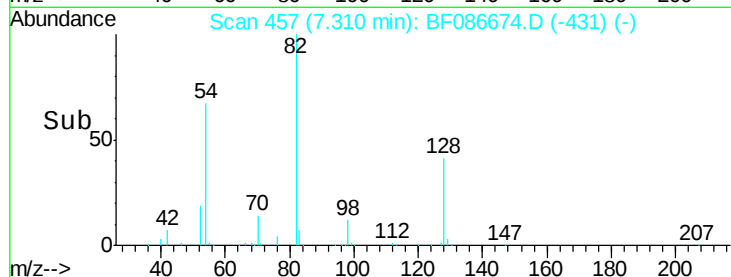
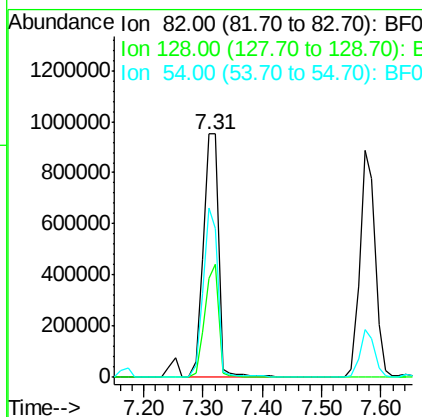
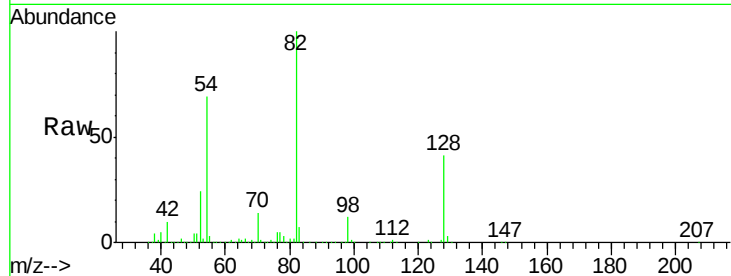




#23
Nitrobenzene-d5
Concen: 125.45 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

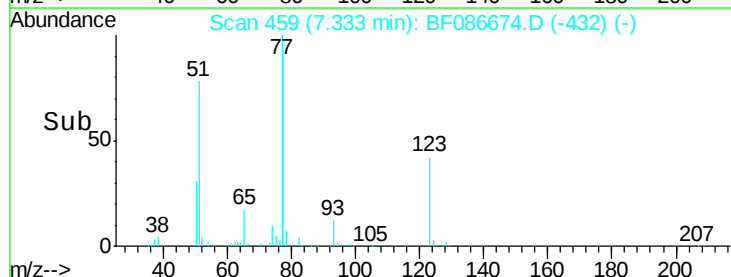
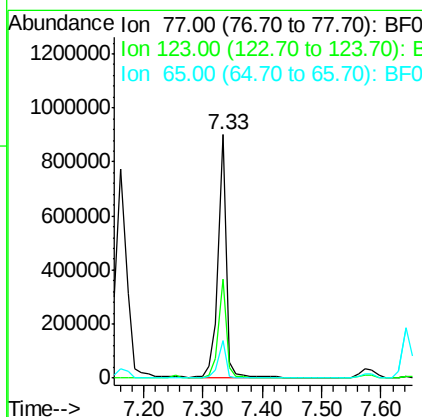
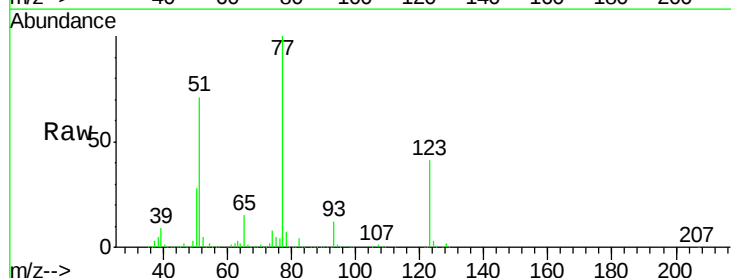
Instrument :
BNA_F
ClientSampleId :

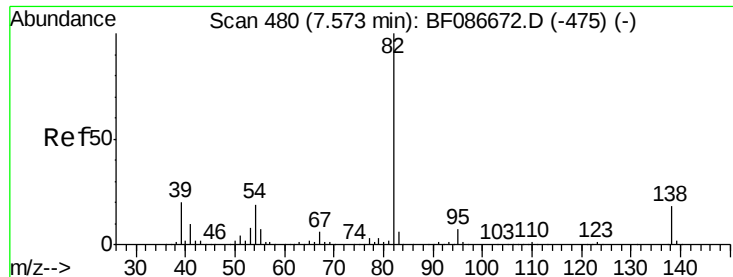
Tot Ion: 82 Resp: 1743271
Ion Ratio Lower Upper
82 100
128 40.6 40.6 61.0#
54 69.5 38.1 57.1#



#24
Nitrobenzene
Concen: 60.07 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion: 77 Resp: 858716
Ion Ratio Lower Upper
77 100
123 40.9 33.0 49.4
65 15.2 10.8 16.2





#25

Isophorone

Concen: 58.76 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

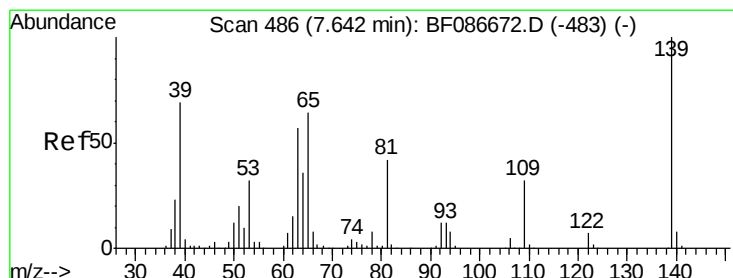
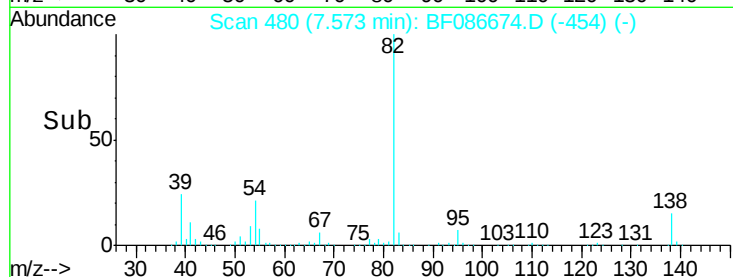
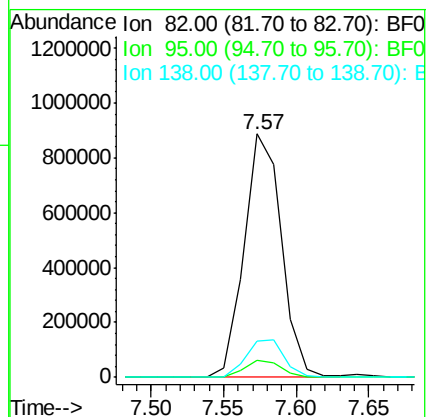
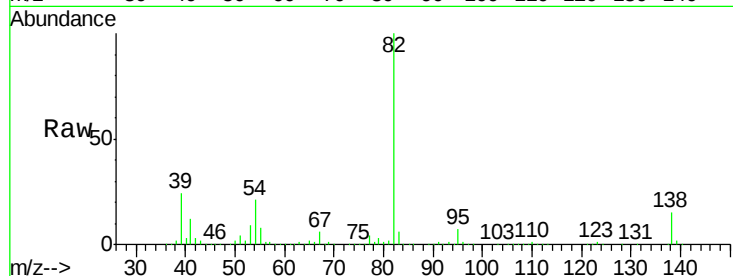
Tot Ion: 82 Resp: 1571533

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

138 15.1 12.4 18.6



#26

2-Nitrophenol

Concen: 60.25 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

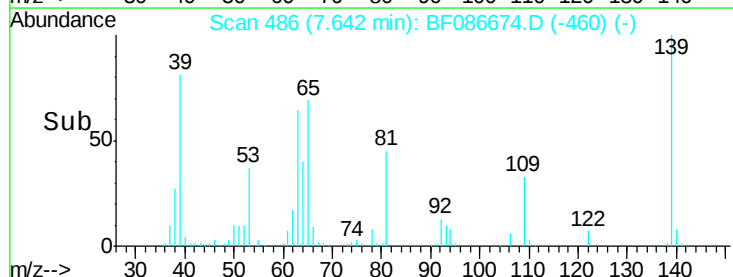
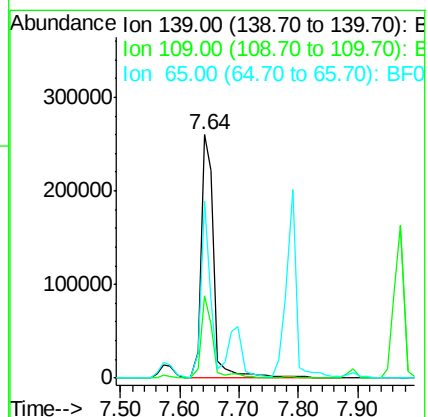
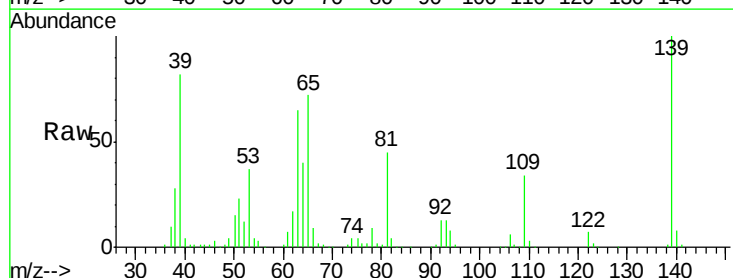
Tgt Ion: 139 Resp: 396516

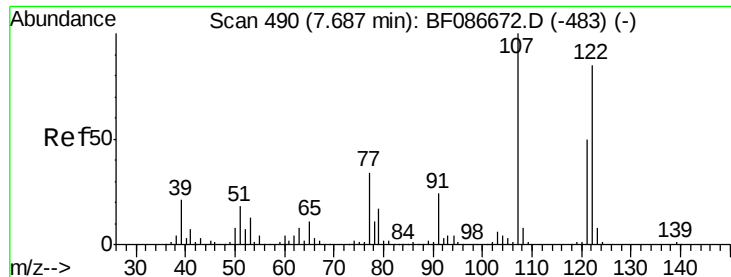
Ion Ratio Lower Upper

139 100

109 33.6 19.5 29.3#

65 72.5 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 62.41 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

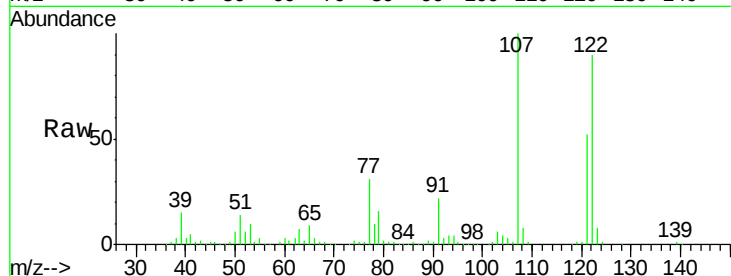
Tot Ion:122 Resp: 720673

Ion Ratio Lower Upper

122 100

107 111.3 82.0 123.0

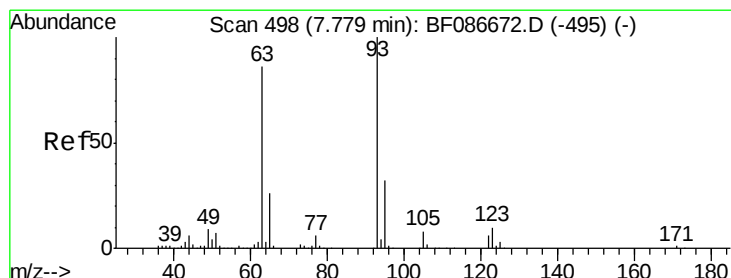
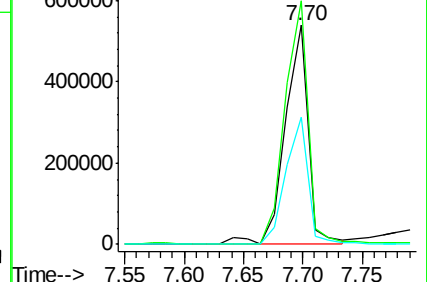
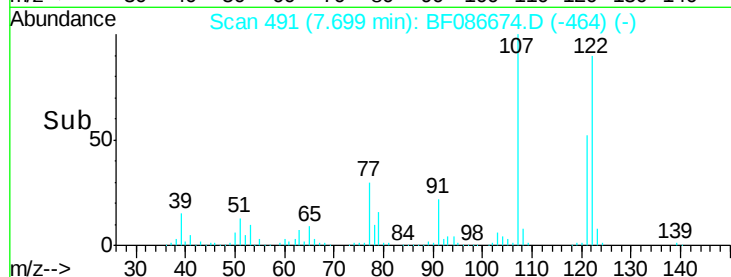
121 58.1 46.1 69.1



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: 61.78 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

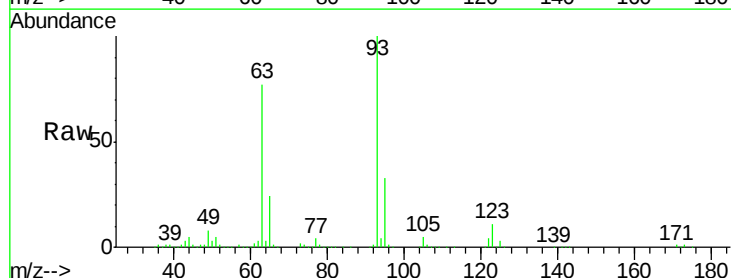
Tgt Ion: 93 Resp: 900046

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

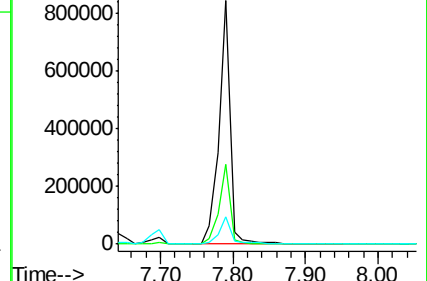
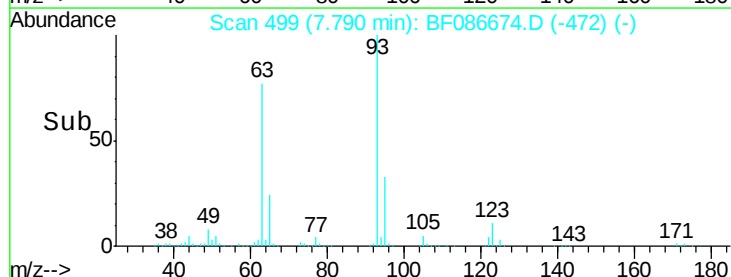
123 11.0 9.5 14.3

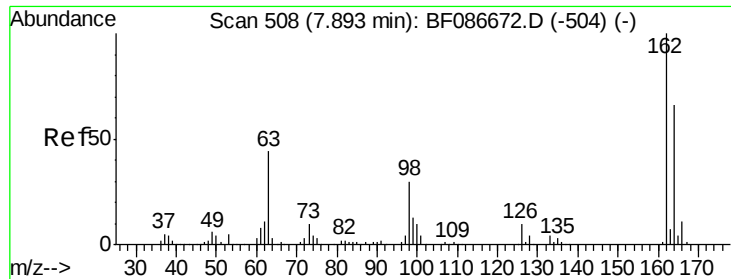


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

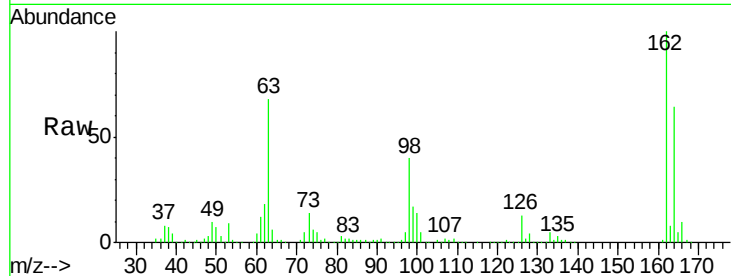




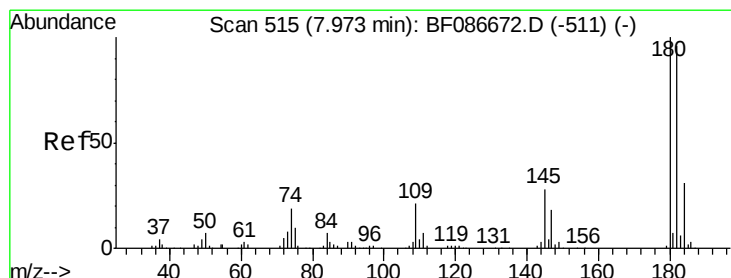
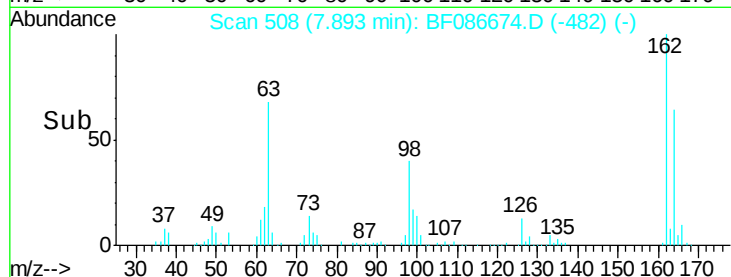
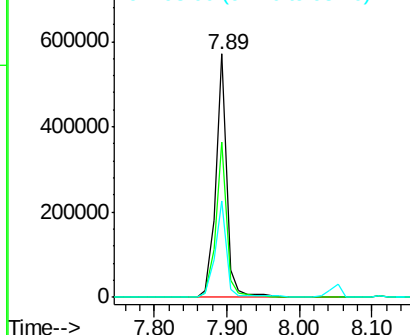
#29
 2,4-Dichlorophenol
 Concen: 61.96 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.2	82.2
98	39.8	19.0	59.0

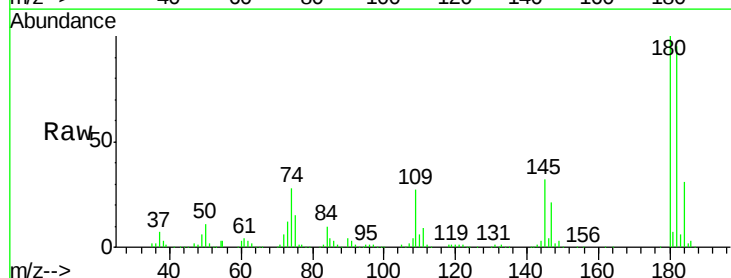


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

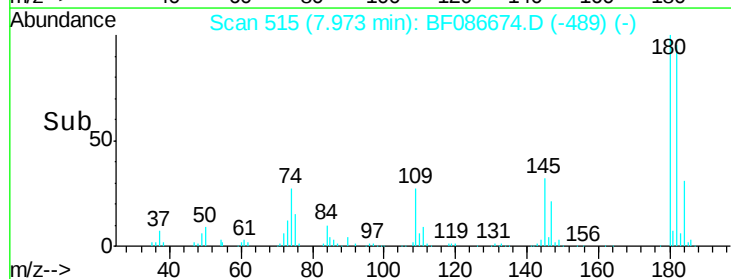
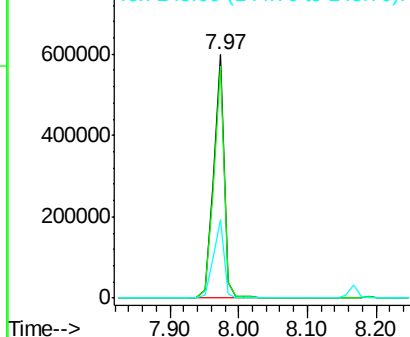


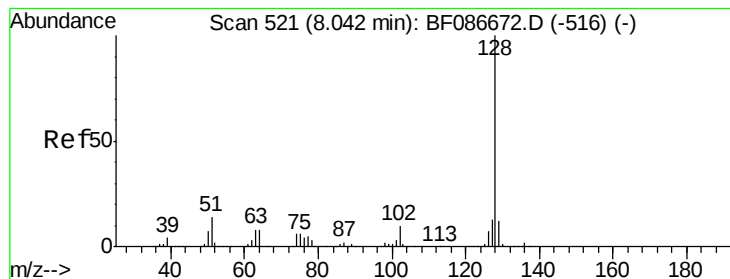
#30
 1,2,4-Trichlorobenzene
 Concen: 57.53 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	32.2	24.2	36.2



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





#31

Naphthalene

Concen: 55.97 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

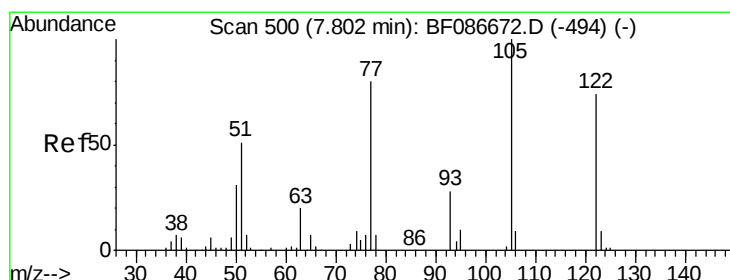
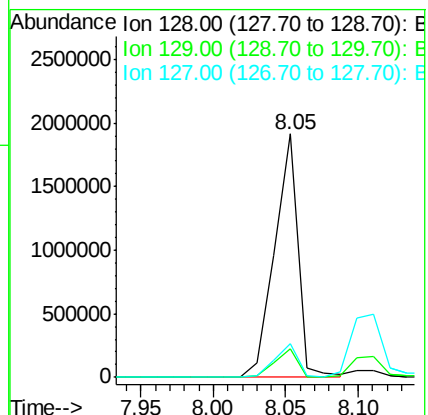
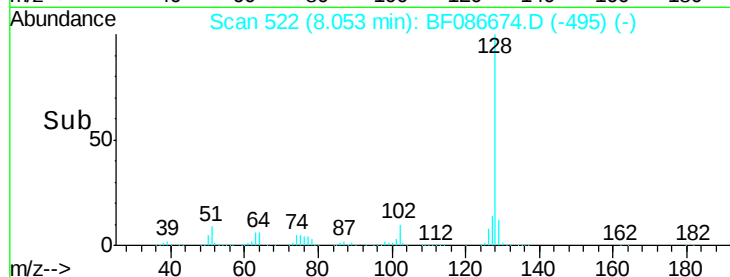
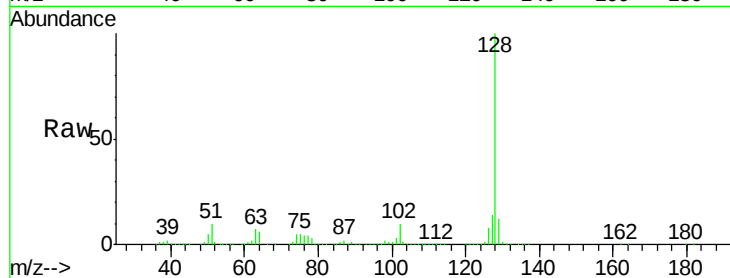
Tot Ion:128 Resp: 2133186

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 14.1 10.8 16.2



#32

Benzoic acid

Concen: 49.61 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

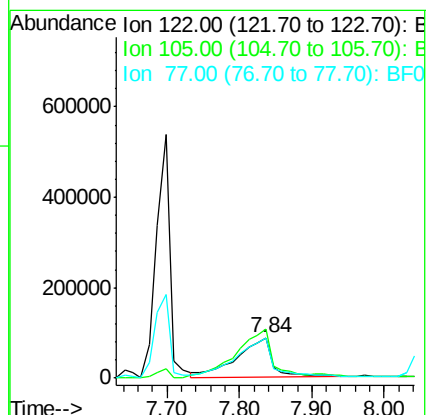
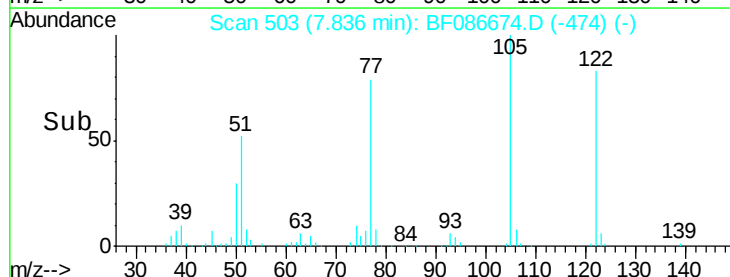
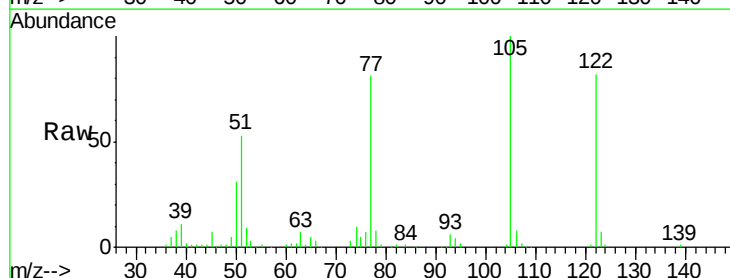
Tgt Ion:122 Resp: 297056

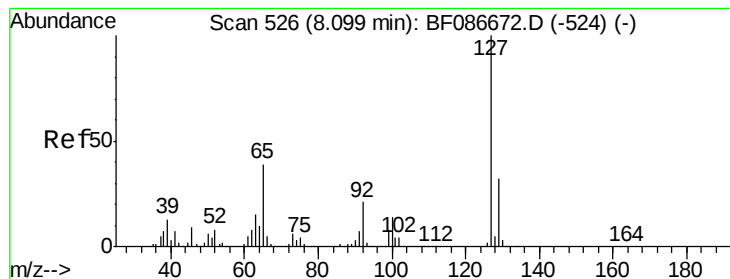
Ion Ratio Lower Upper

122 100

105 121.4 92.6 132.6

77 98.0 60.0 100.0





#33

4-Chloroaniline

Concen: 59.21 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 845034

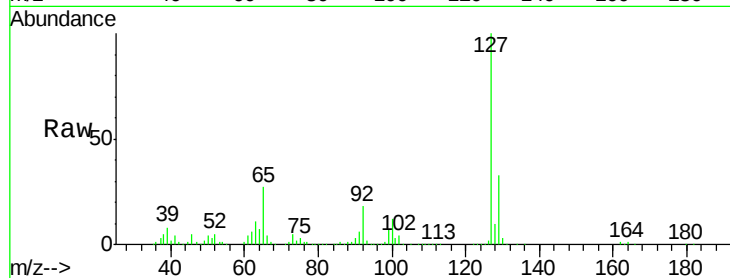
Ion Ratio Lower Upper

127 100

129 33.4 26.2 39.4

65 26.8 23.0 34.4

92 17.6 15.1 22.7

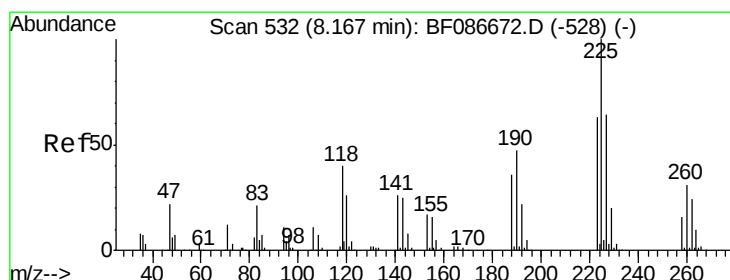
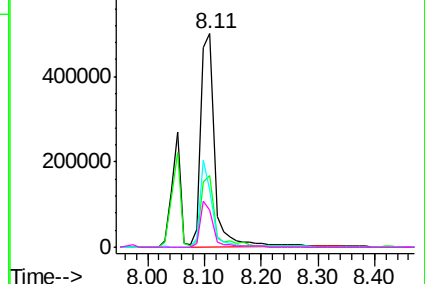
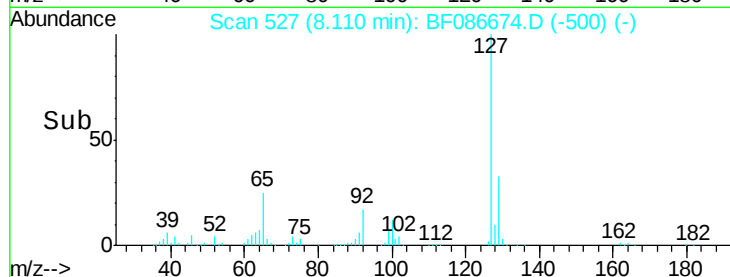


Abundance Ion 127.00 (126.70 to 127.70): E

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: 54.17 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

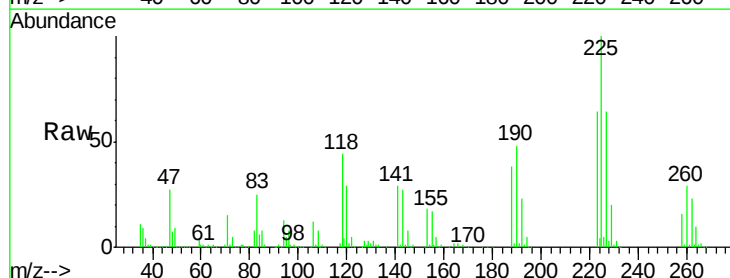
Tgt Ion:225 Resp: 343206

Ion Ratio Lower Upper

225 100

223 64.1 51.5 77.3

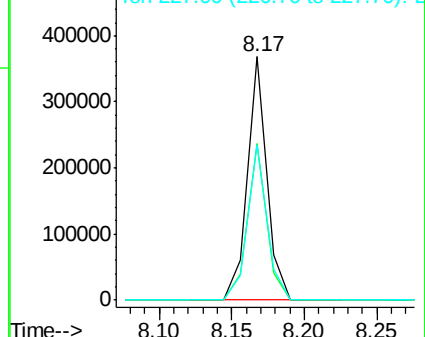
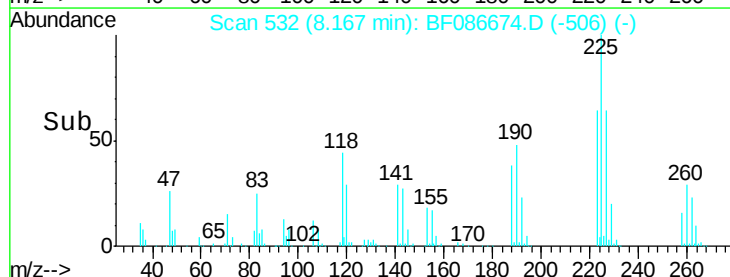
227 63.6 52.2 78.2

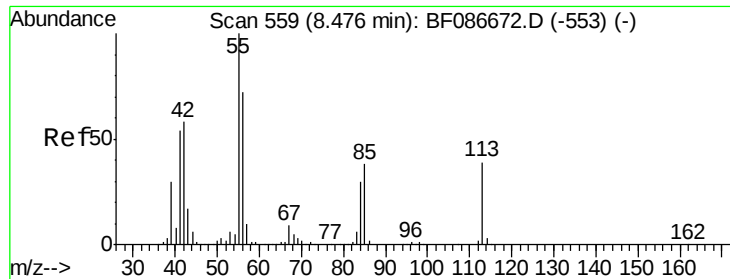


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

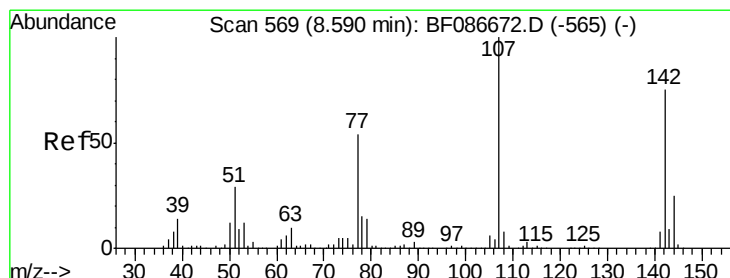
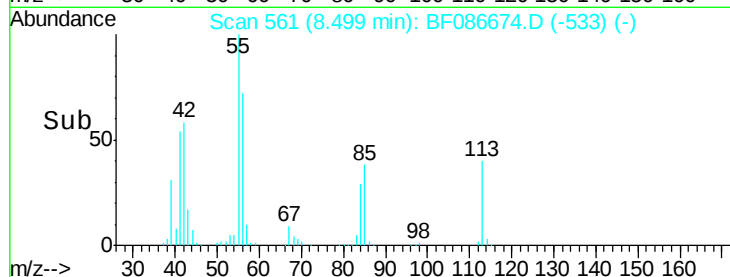
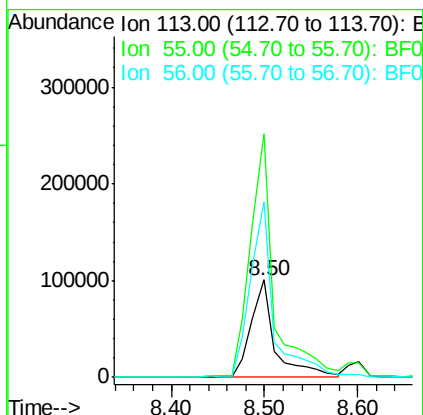
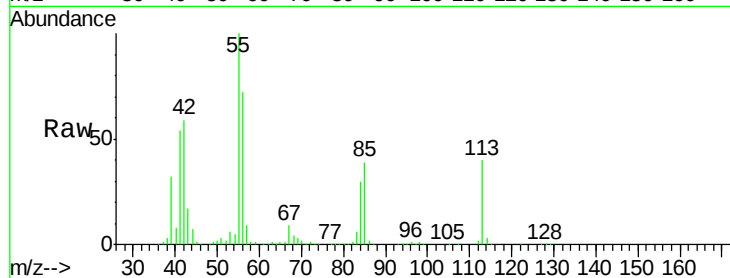




#35
Caprolactam
Concen: 55.33 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.02 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

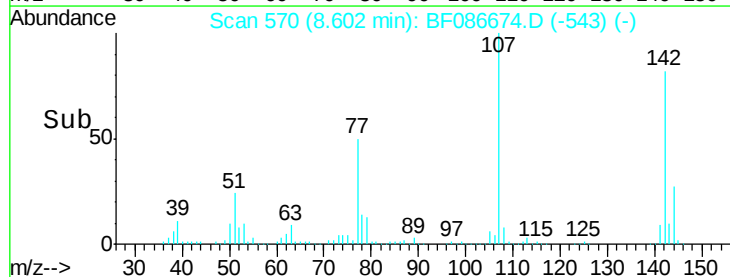
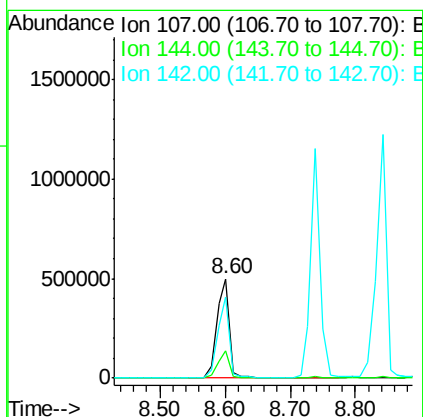
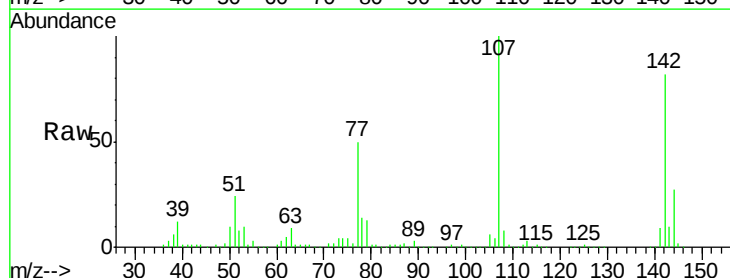
Instrument :
BNA_F
ClientSampleId :

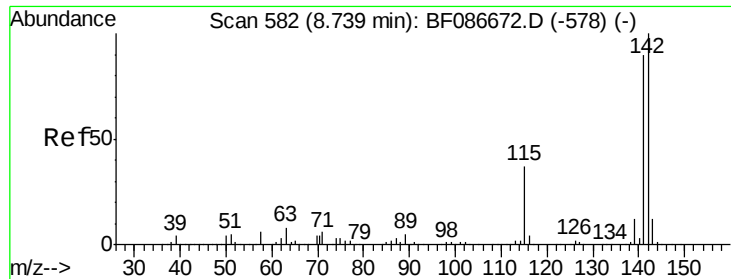
Tot Ion:113 Resp: 179839
Ion Ratio Lower Upper
113 100
55 250.6 162.0 202.0#
56 180.9 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 62.44 ng
RT: 8.60 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:107 Resp: 696585
Ion Ratio Lower Upper
107 100
144 27.0 20.7 31.1
142 82.1 63.2 94.8

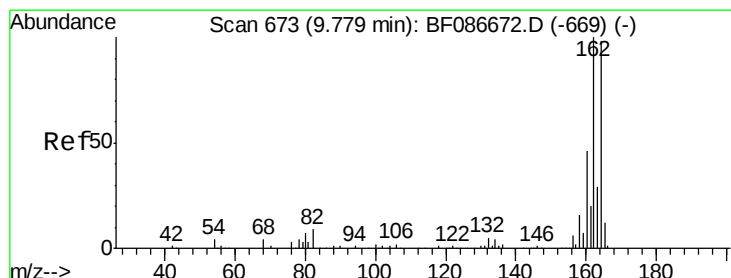
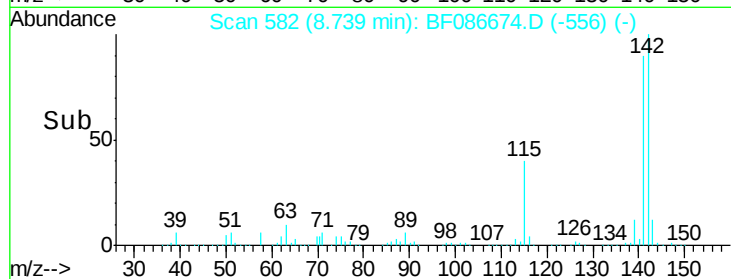
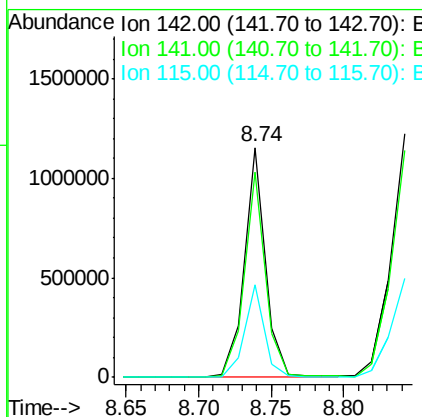
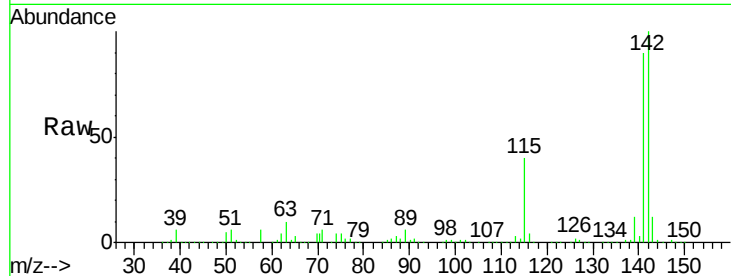




#37
2-Methylnaphthalene
Concen: 52.08 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

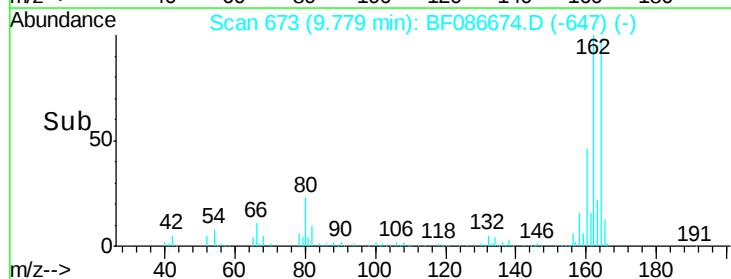
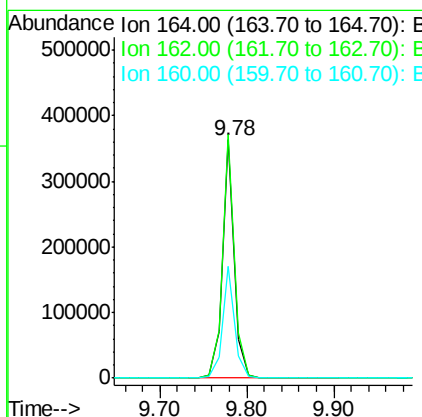
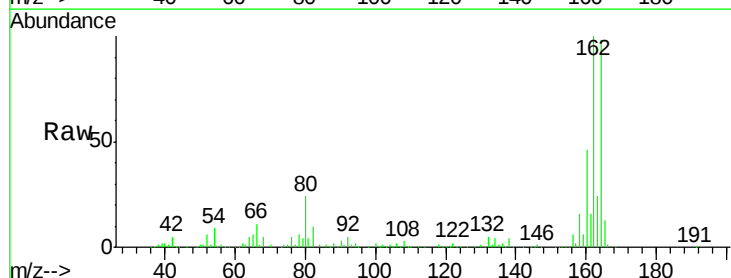
Instrument :
BNA_F
ClientSampleId :

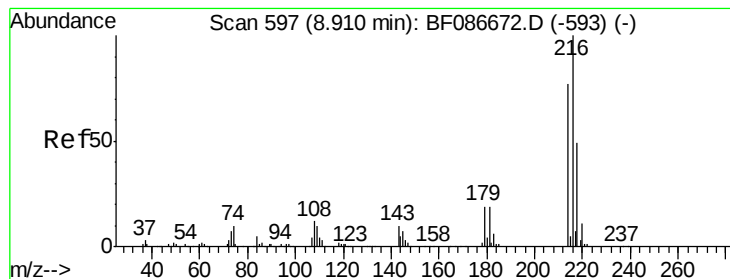
Tot Ion:142 Resp: 1171324
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 40.1 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:164 Resp: 347120
Ion Ratio Lower Upper
164 100
162 102.3 82.8 124.2
160 47.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.76 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 593826

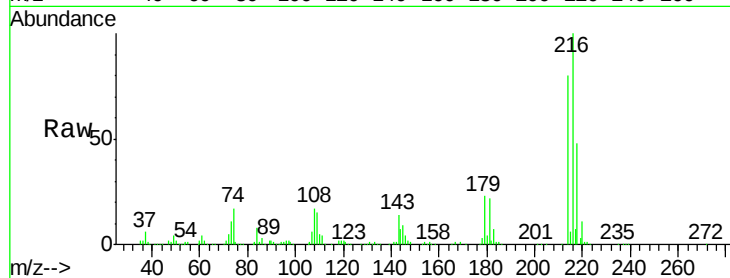
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 24.2 18.2 27.4

108 23.1 17.5 26.3

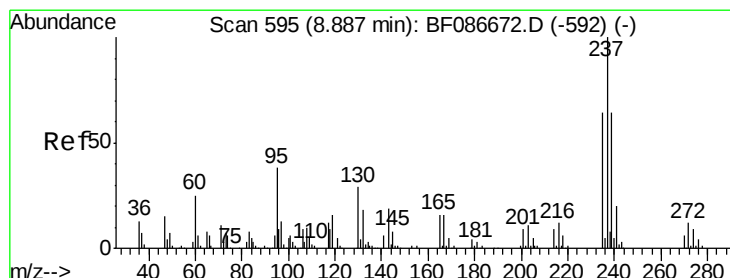
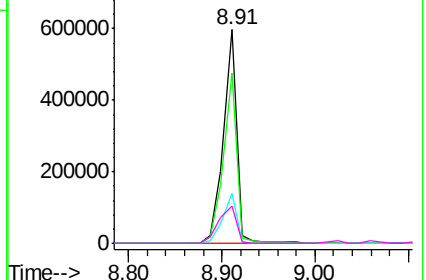
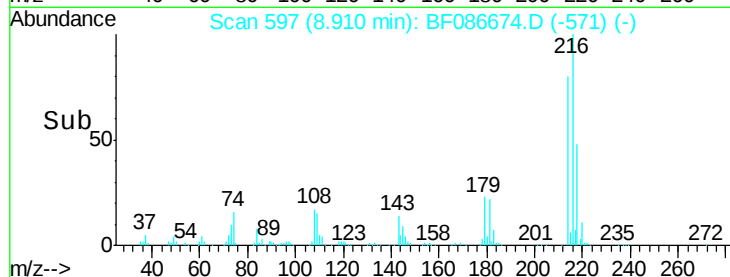


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.92 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

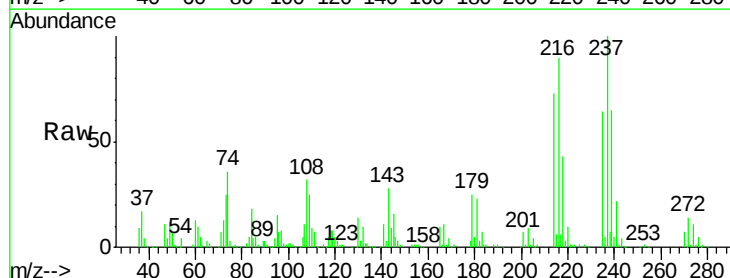
Tgt Ion:237 Resp: 281052

Ion Ratio Lower Upper

237 100

235 63.6 47.2 87.2

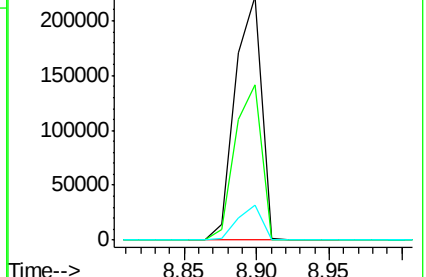
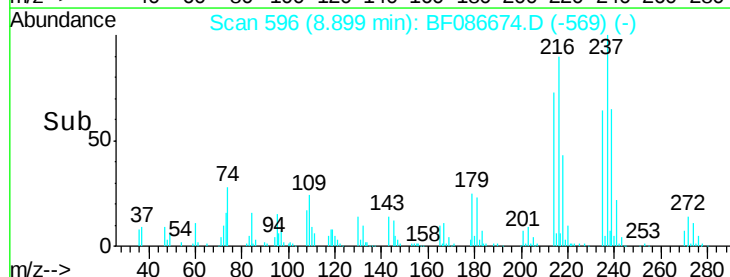
272 14.3 0.0 31.1

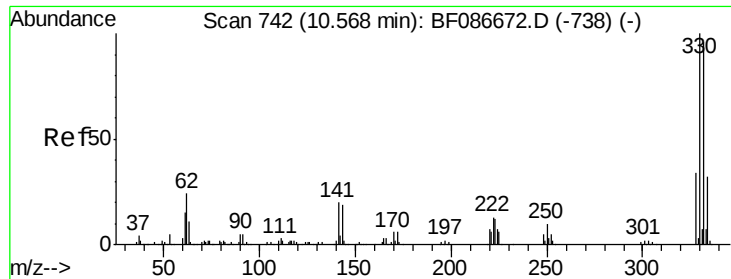


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

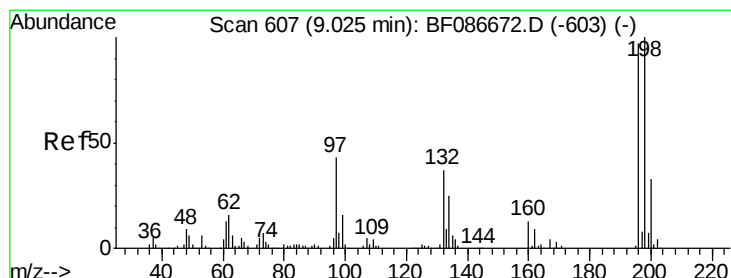
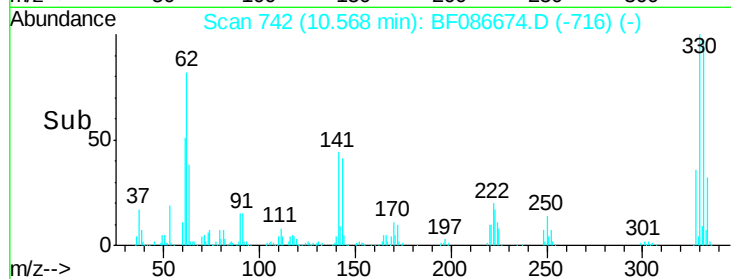
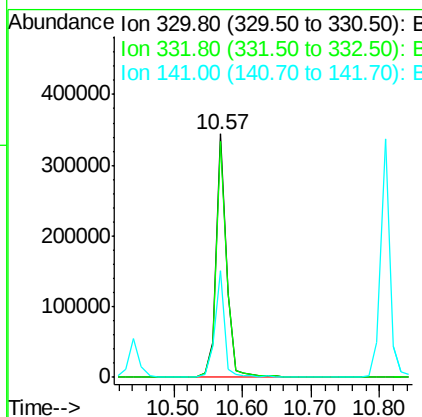
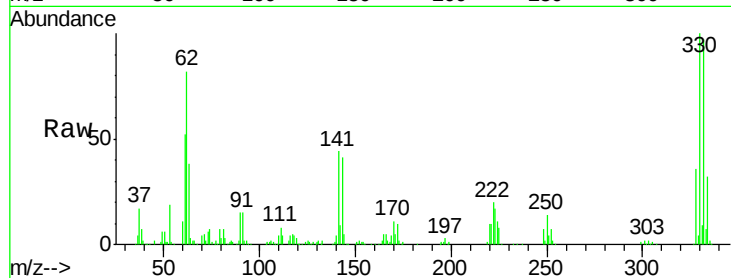




#41
 2,4,6-Tribromophenol
 Concen: 103.51 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

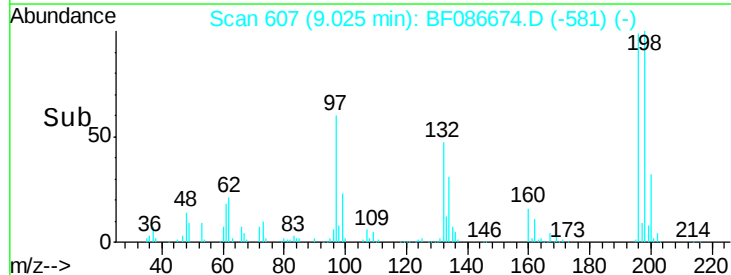
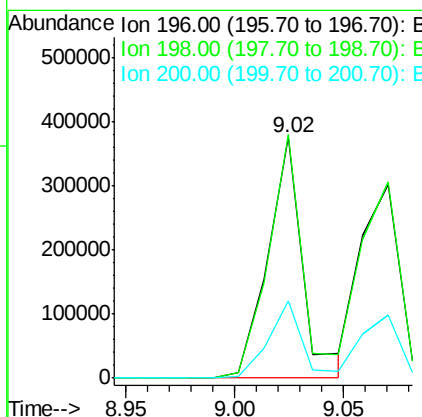
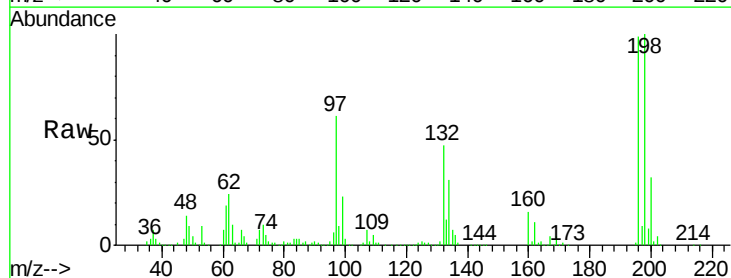
Instrument :
 BNA_F
 ClientSampleId :

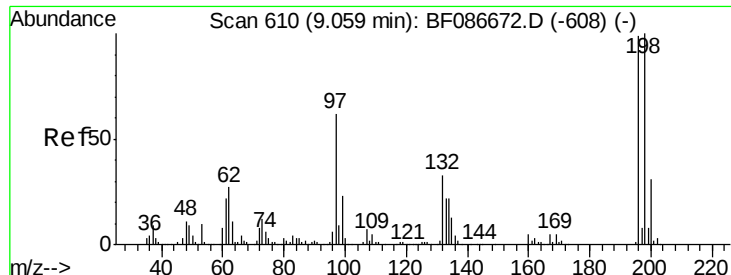
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	38.8	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 67.13 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	74.7	112.1
200	32.2	23.8	35.6

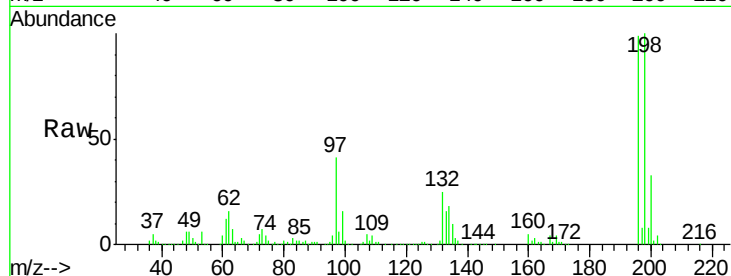




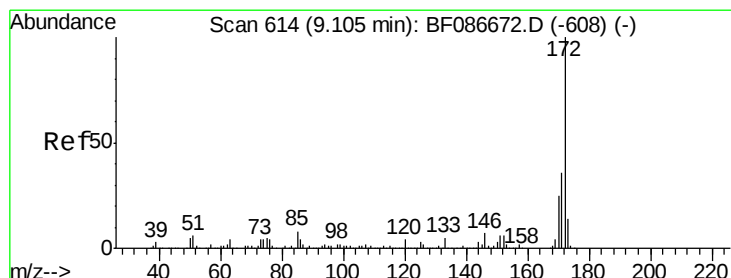
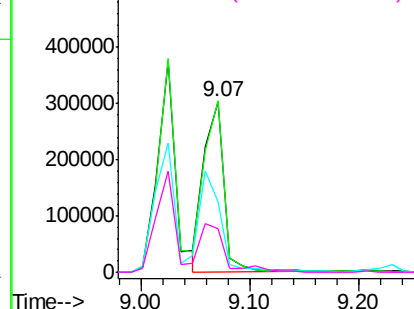
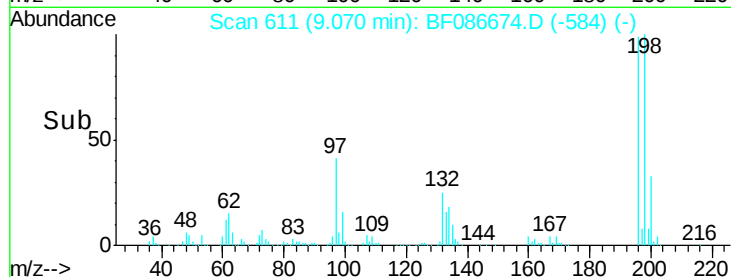
#43
 2,4,5-Trichlorophenol
 Concen: 57.30 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 392287
 Ion Ratio Lower Upper
 196 100
 198 100.8 77.5 116.3
 97 41.1 34.8 52.2
 132 25.5 23.0 34.4

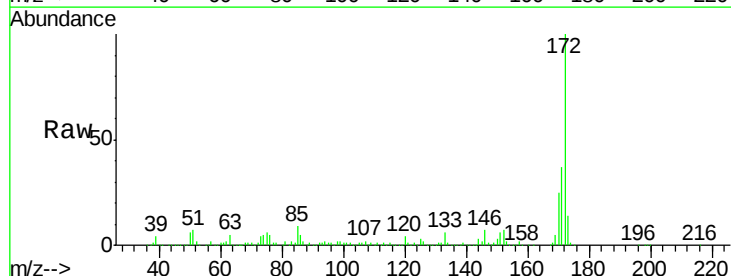


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

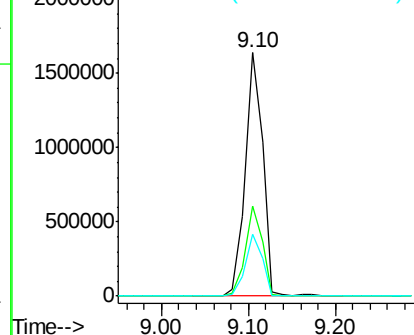
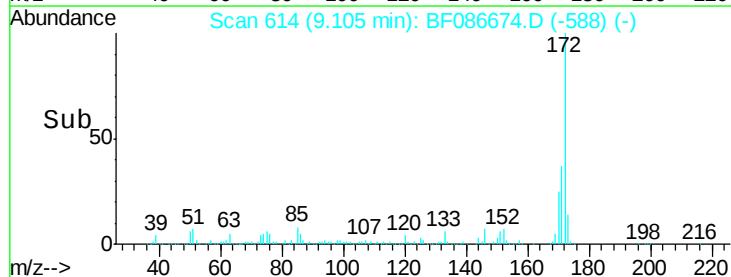


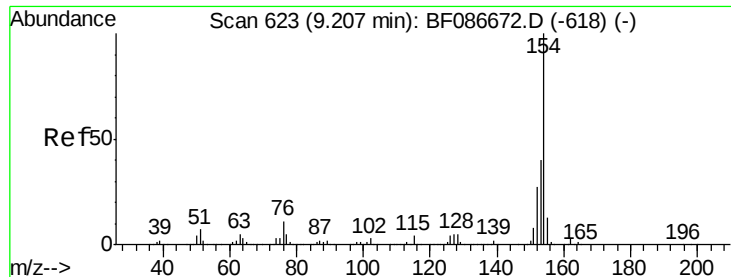
#44
 2-Fluorobiphenyl
 Concen: 111.42 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:172 Resp: 2285316
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.2 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 52.41 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

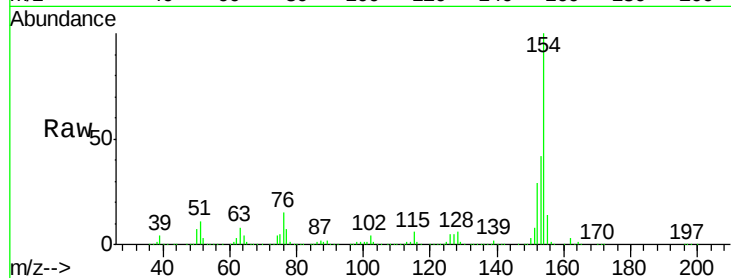
Tot Ion:154 Resp: 1520769

Ion Ratio Lower Upper

154 100

153 41.9 20.3 60.3

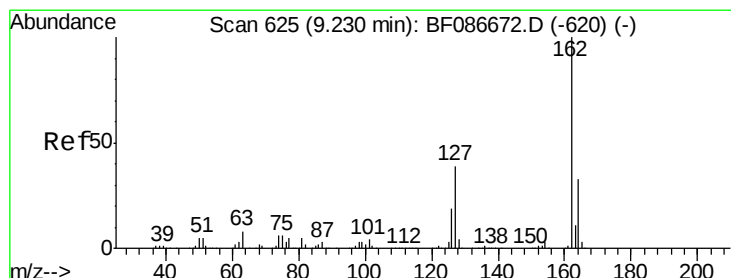
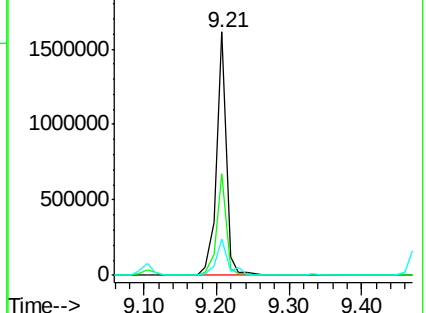
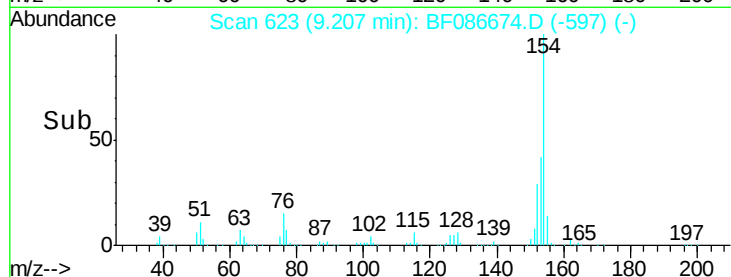
76 14.9 0.0 30.2



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: 54.95 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

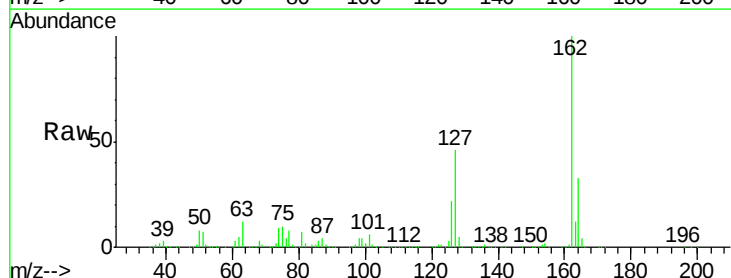
Tgt Ion:162 Resp: 1212280

Ion Ratio Lower Upper

162 100

127 46.1 31.8 47.6

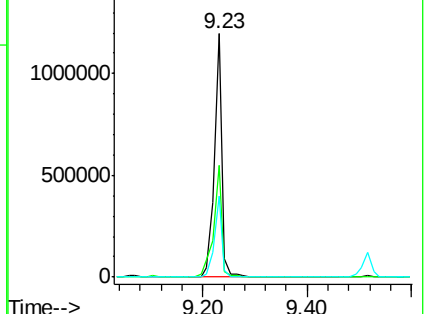
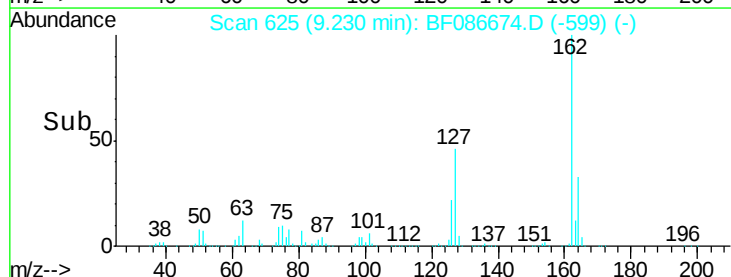
164 33.3 27.0 40.6

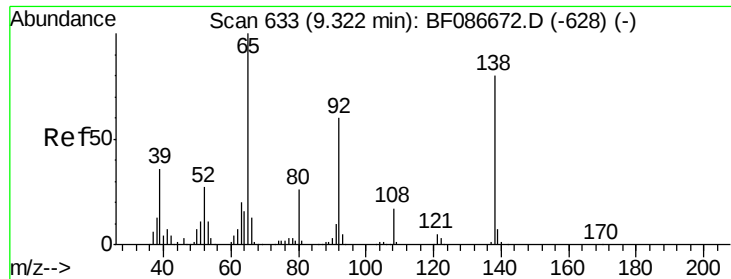


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

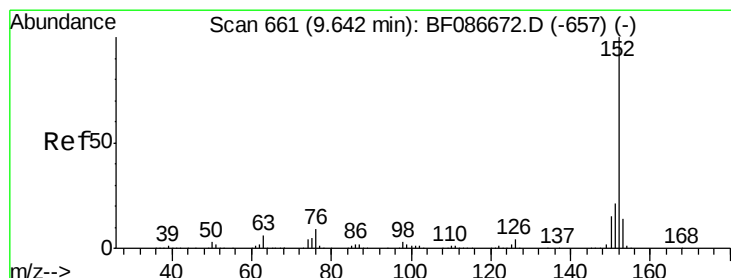
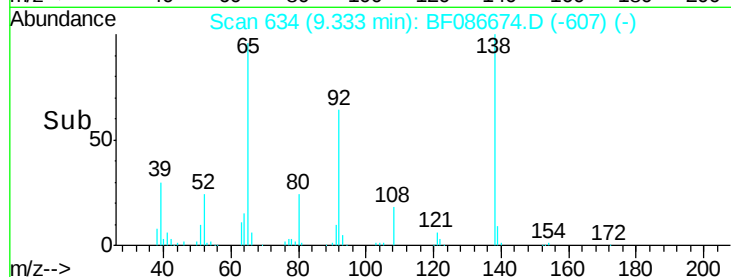
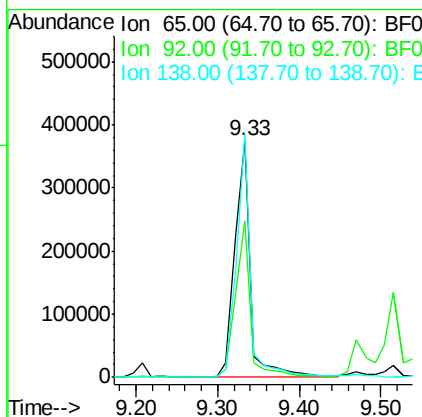
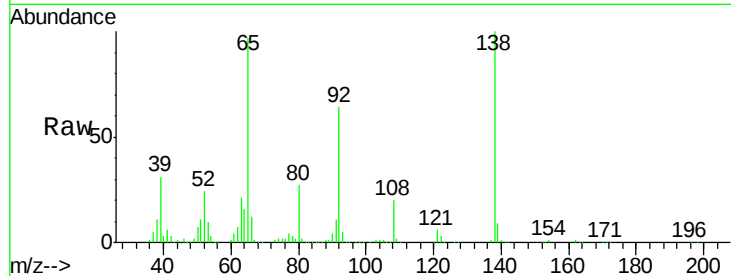




#47
2-Nitroaniline
Concen: 71.41 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

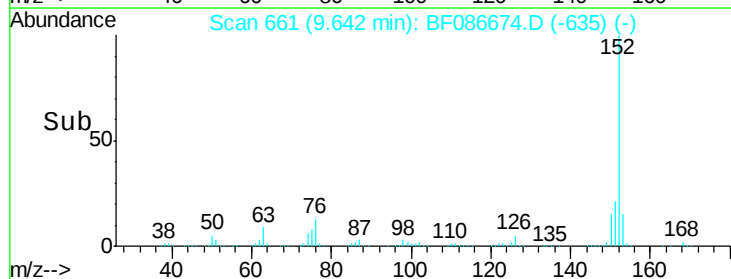
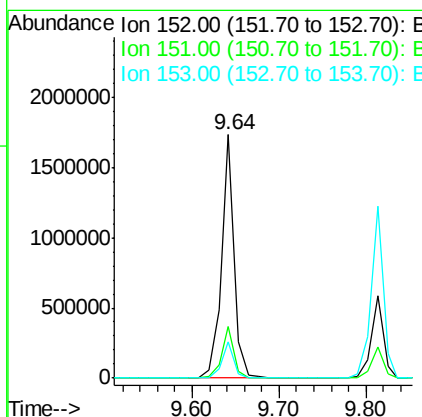
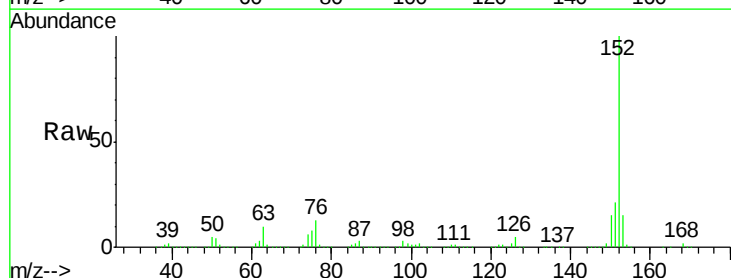
Instrument :
BNA_F
ClientSampled :

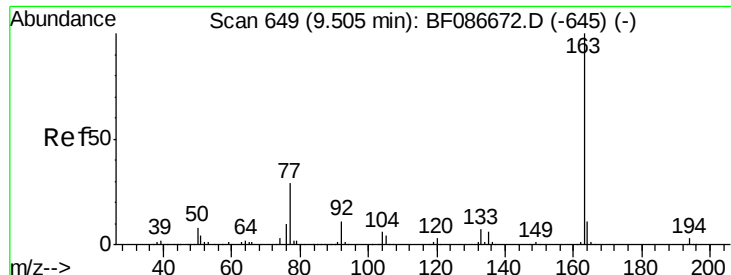
Tot Ion: 65 Resp: 505211
Ion Ratio Lower Upper
65 100
92 66.3 57.4 86.2
138 103.2 90.1 135.1



#48
Acenaphthylene
Concen: 51.26 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:152 Resp: 1767465
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.7 10.9 16.3

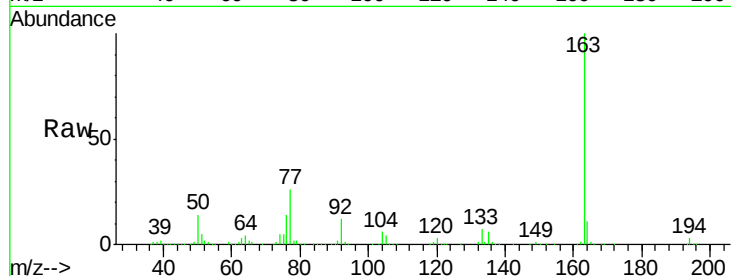




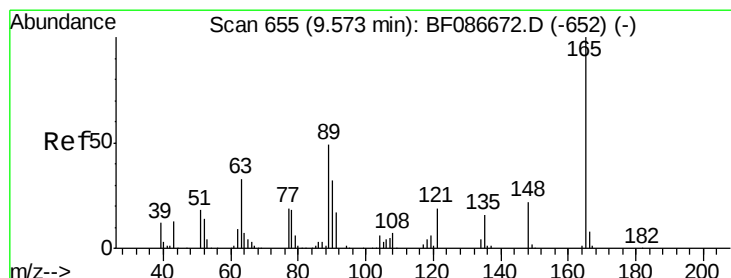
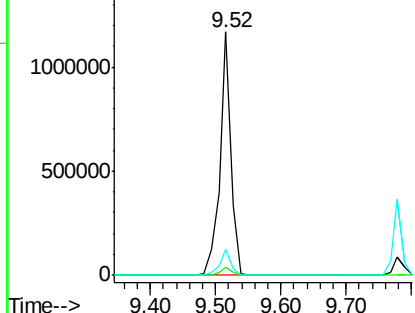
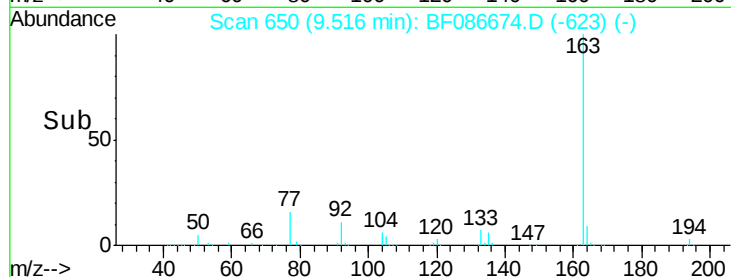
#49
Dimethylphthalate
Concen: 54.11 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1414090
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.2 12.4

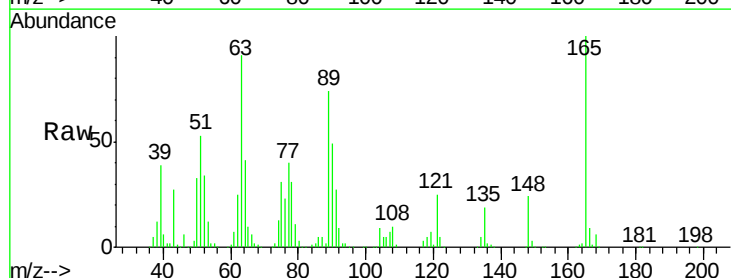


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

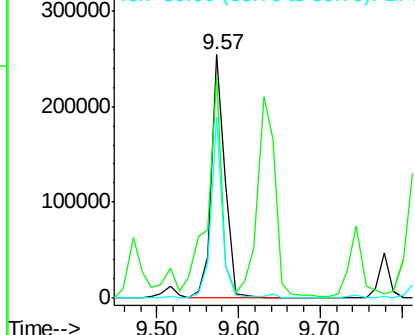
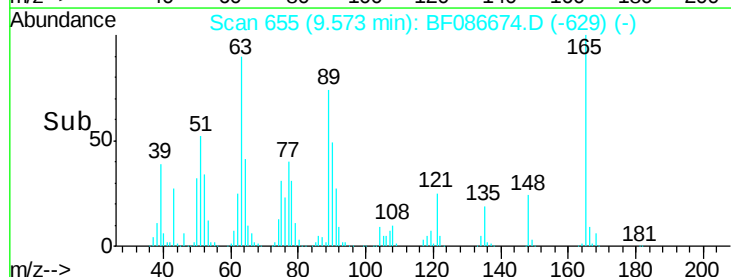


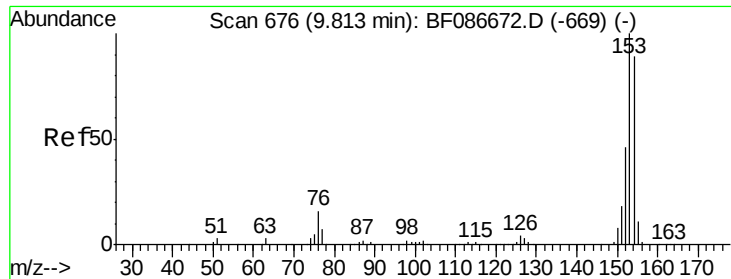
#50
2,6-Dinitrotoluene
Concen: 55.68 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:165 Resp: 300601
Ion Ratio Lower Upper
165 100
63 90.9 51.8 77.8#
89 74.4 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: 52.05 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

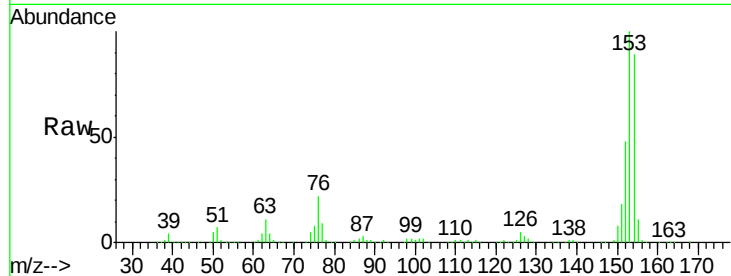
Tot Ion:154 Resp: 1152858

Ion Ratio Lower Upper

154 100

153 111.7 89.8 134.6

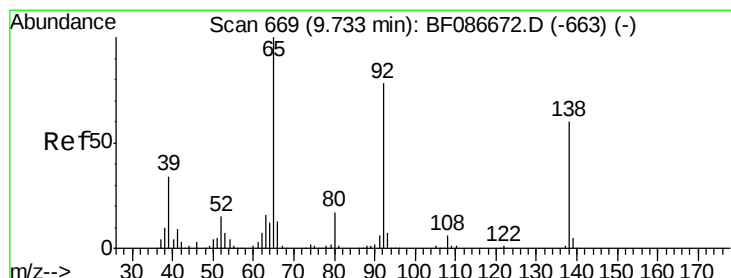
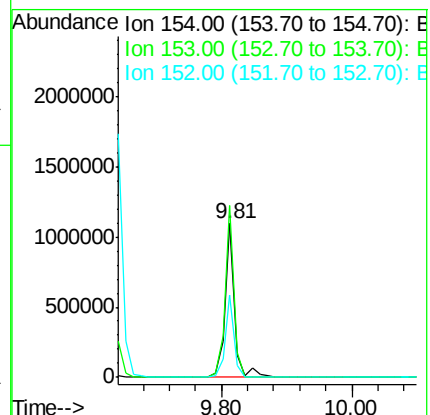
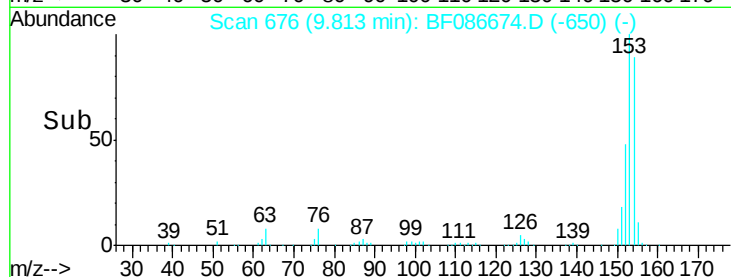
152 53.4 43.4 65.0



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: 58.81 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

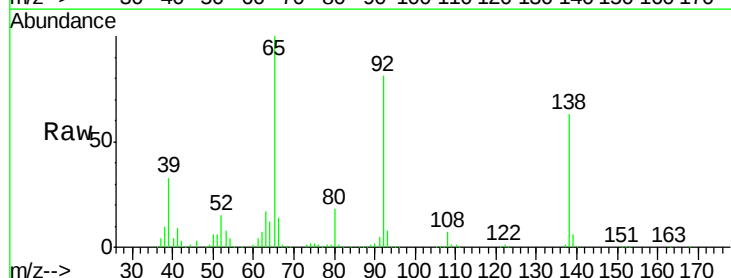
Tgt Ion:138 Resp: 361107

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

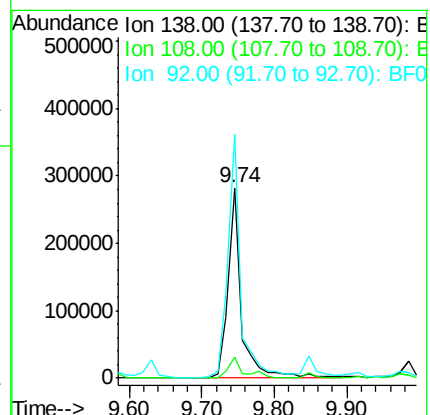
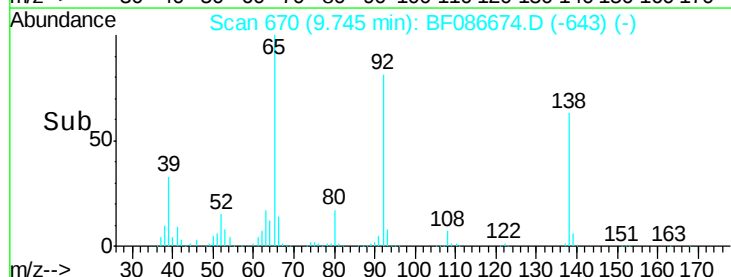
92 127.8 87.8 131.8

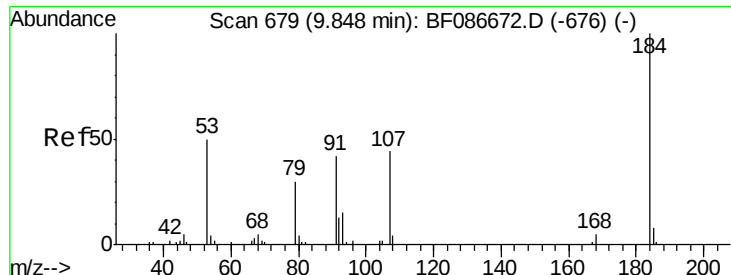


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

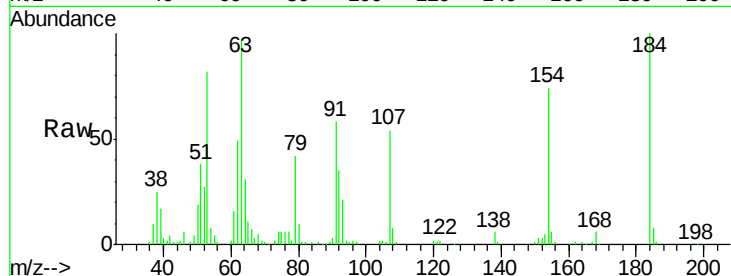




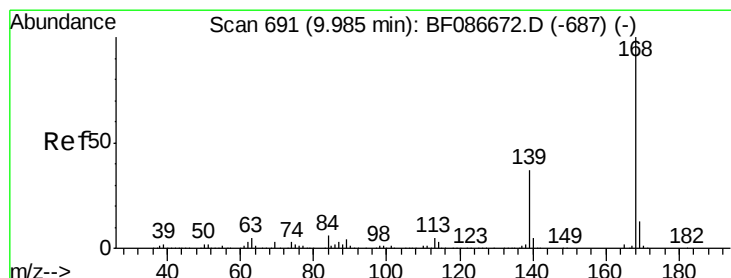
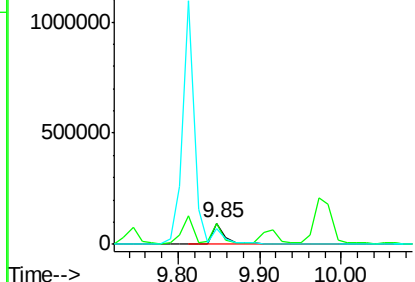
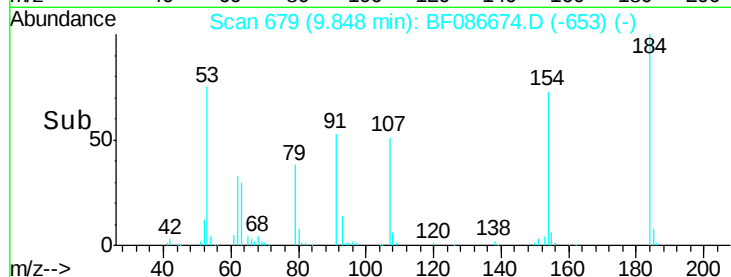
#53
2,4-Dinitrophenol
Concen: 49.89 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 120473
Ion Ratio Lower Upper
184 100
63 97.0 55.8 83.8#
154 74.3 62.4 93.6

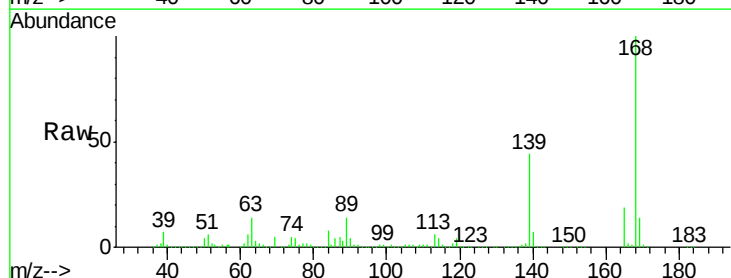


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

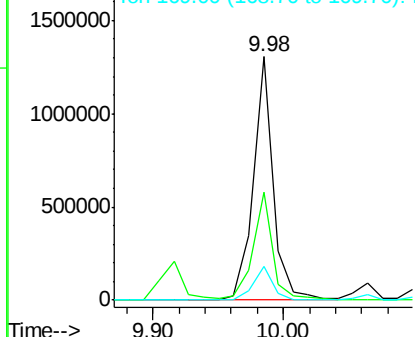
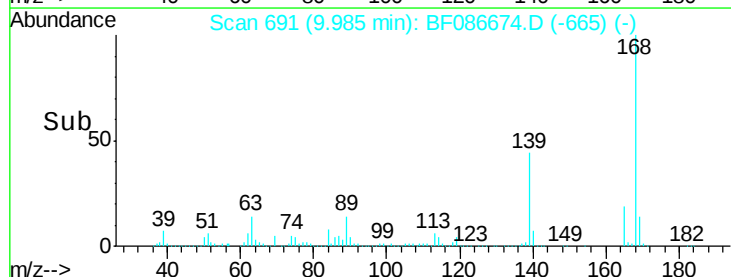


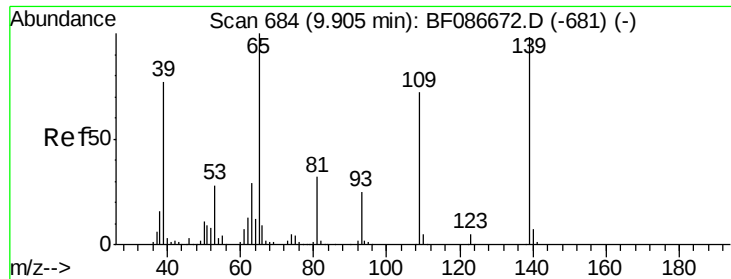
#54
Dibenzofuran
Concen: 50.20 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:168 Resp: 1389588
Ion Ratio Lower Upper
168 100
139 44.1 31.4 47.0
169 14.0 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

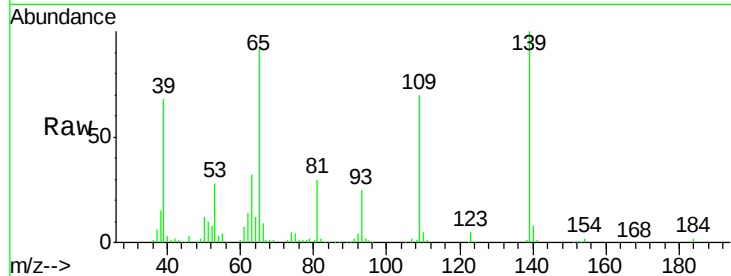




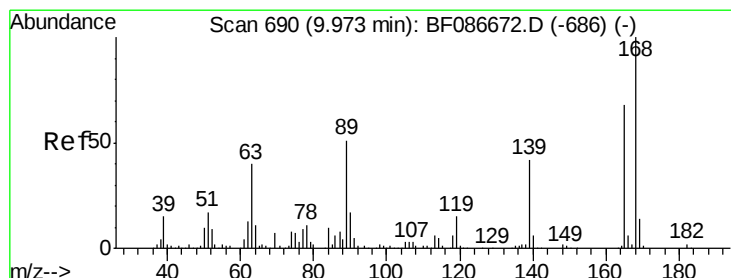
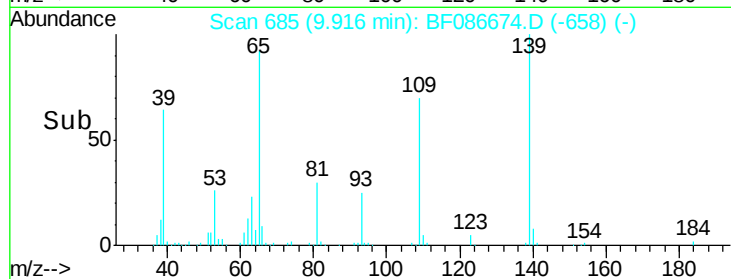
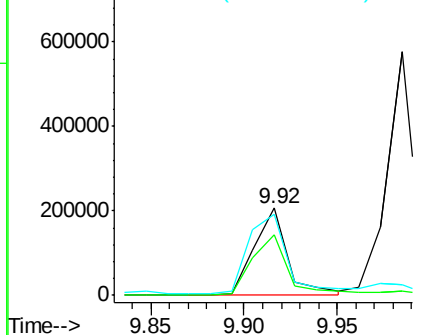
#55
4-Nitrophenol
Concen: 64.17 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 257972
Ion Ratio Lower Upper
139 100
109 70.3 36.9 76.9
65 93.3 64.0 104.0

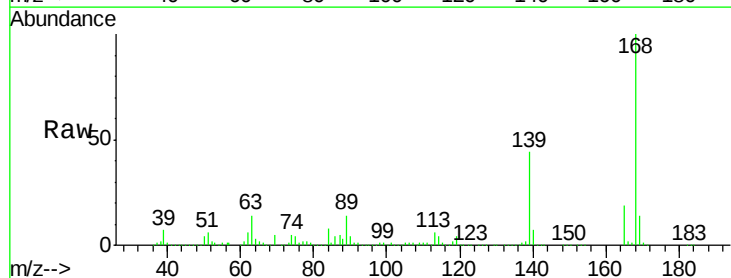


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

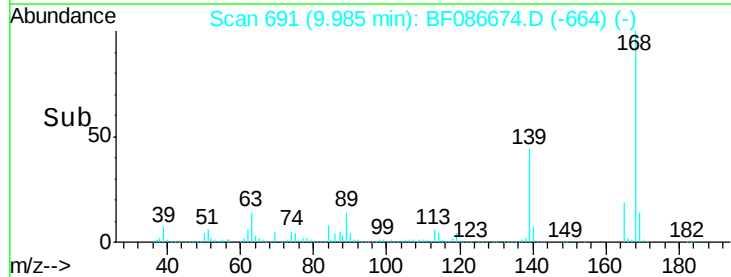
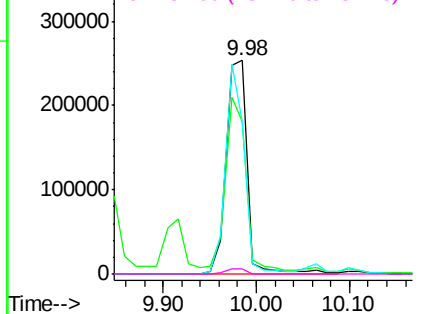


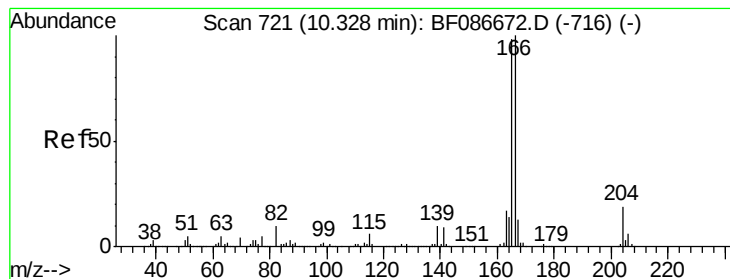
#56
2,4-Dinitrotoluene
Concen: 58.30 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:165 Resp: 401234
Ion Ratio Lower Upper
165 100
63 71.5 44.3 66.5#
89 71.2 70.0 105.0
182 2.4 1.8 2.6



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





#57

Fluorene

Concen: 47.93 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

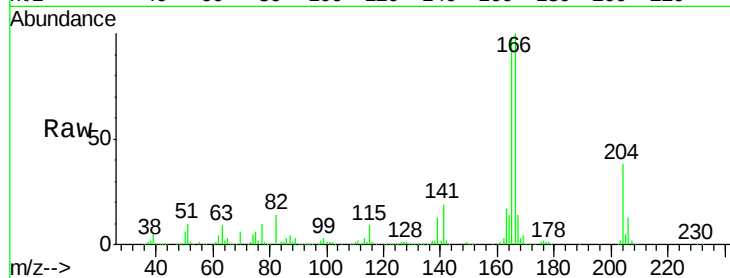
Tot Ion:166 Resp: 1151964

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.6

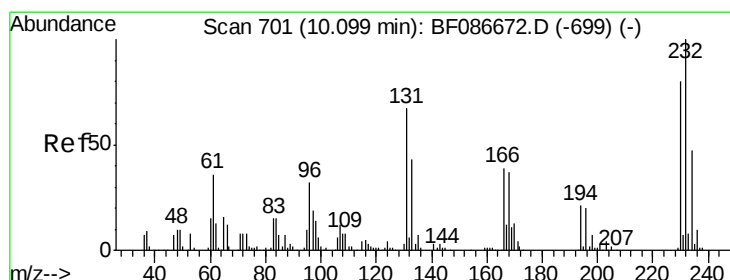
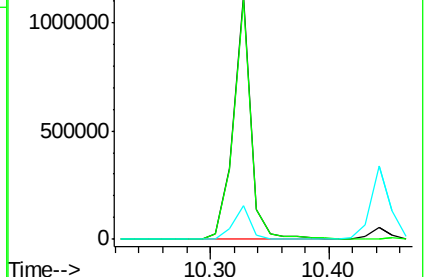
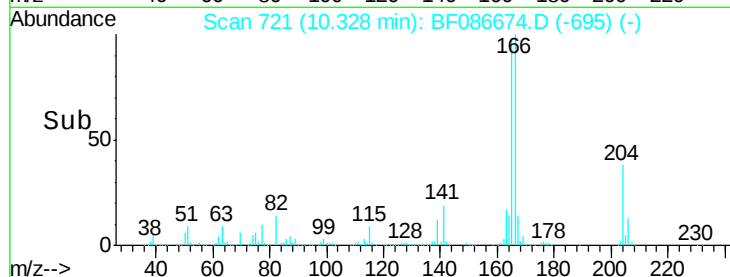
167 14.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.46 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Tgt Ion:232 Resp: 307530

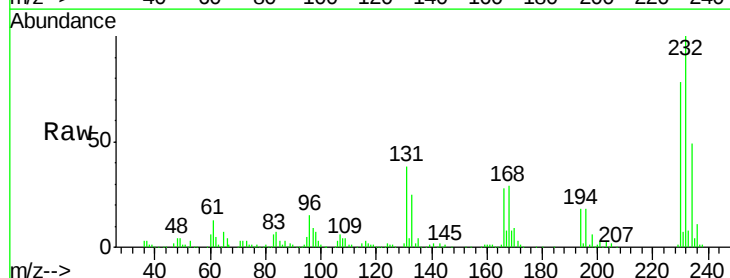
Ion Ratio Lower Upper

232 100

131 52.2 41.9 62.9

130 2.4 2.2 3.4

166 32.4 26.8 40.2

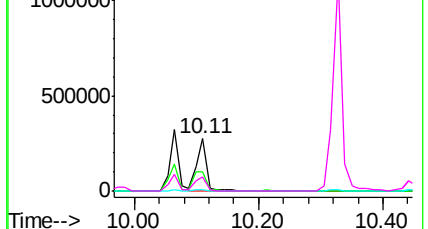
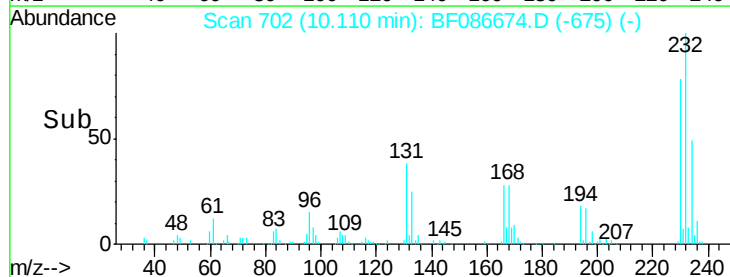


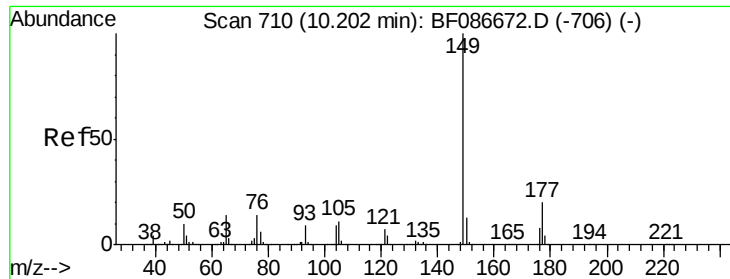
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

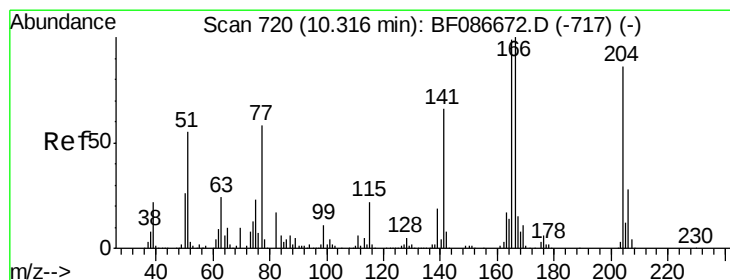
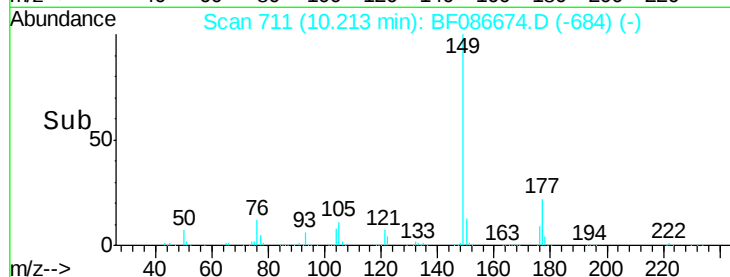
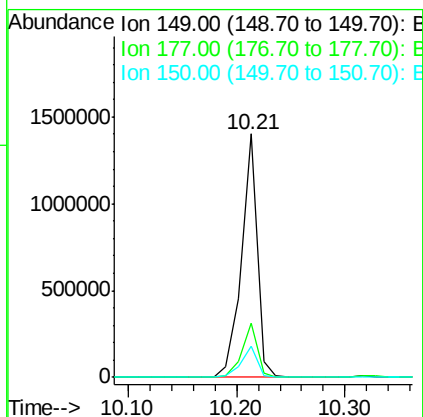
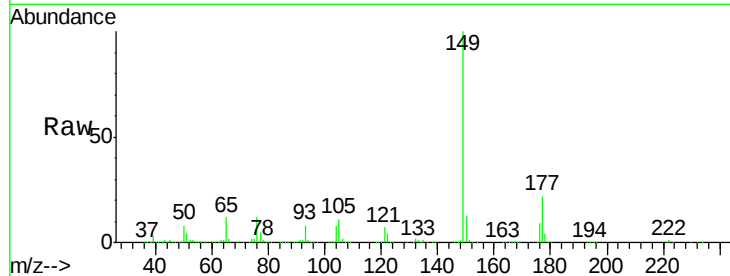




#59
Diethylphthalate
Concen: 56.32 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

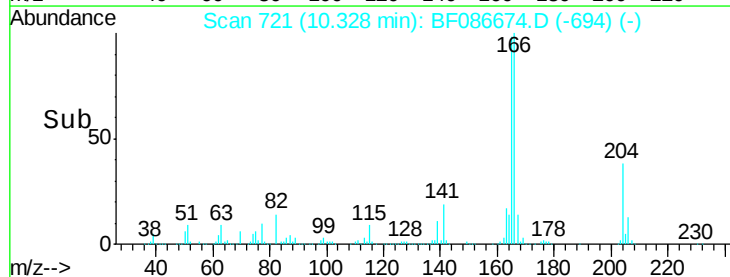
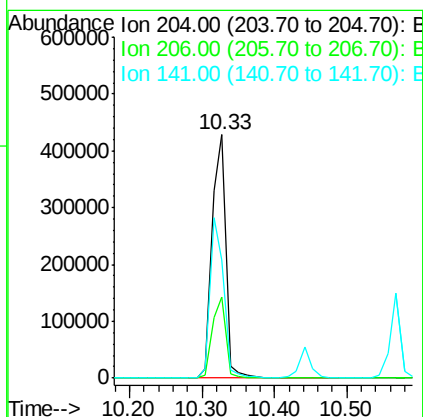
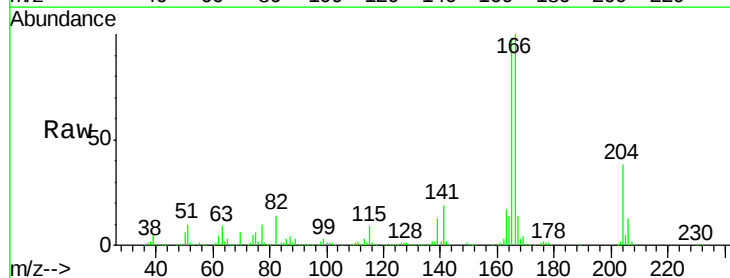
Instrument :
BNA_F
ClientSampleId :

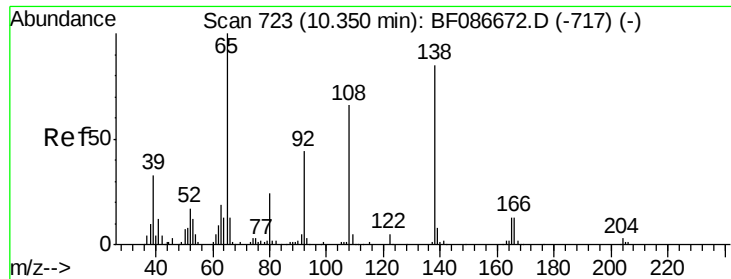
Tot Ion:149 Resp: 1393280
Ion Ratio Lower Upper
149 100
177 22.5 16.6 24.8
150 13.0 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 51.80 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:204 Resp: 565213
Ion Ratio Lower Upper
204 100
206 33.4 25.4 38.0
141 48.6 61.6 92.4#

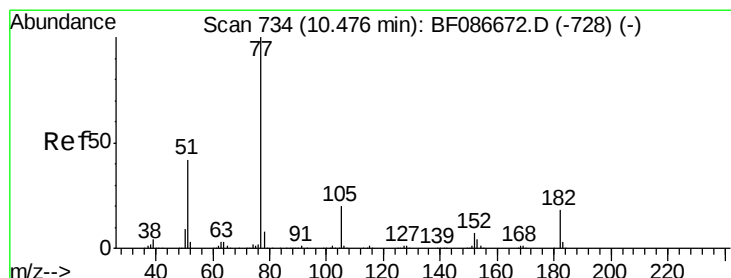
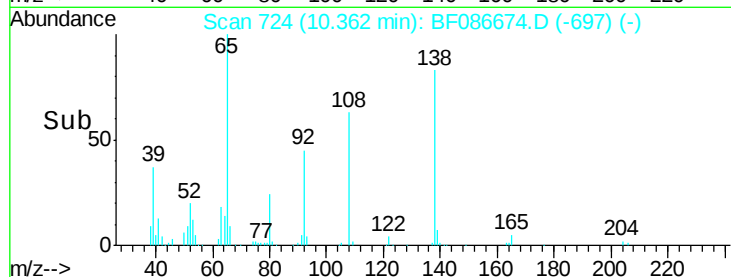
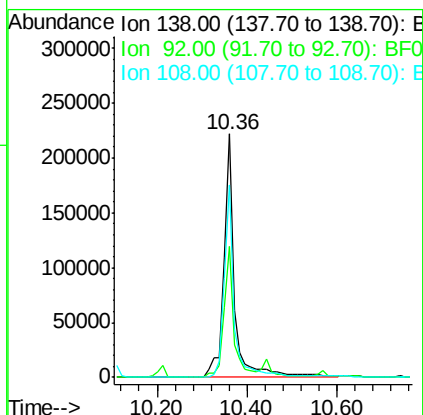
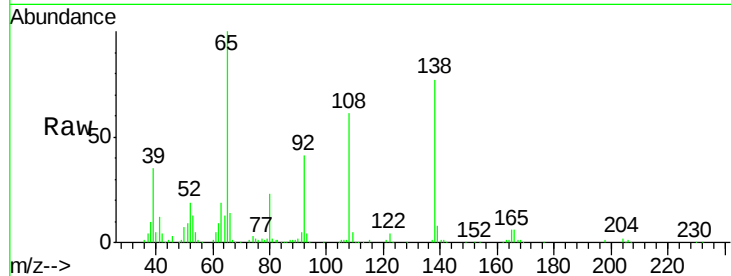




#61
4-Nitroaniline
Concen: 61.61 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

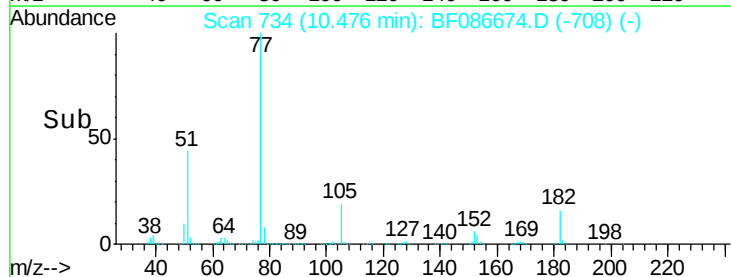
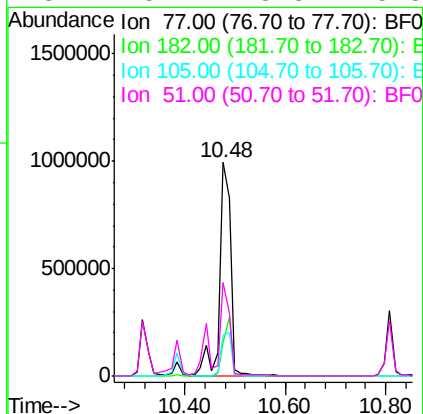
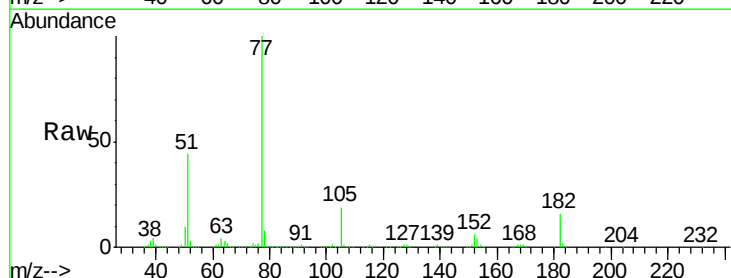
Instrument :
BNA_F
ClientSampleID :

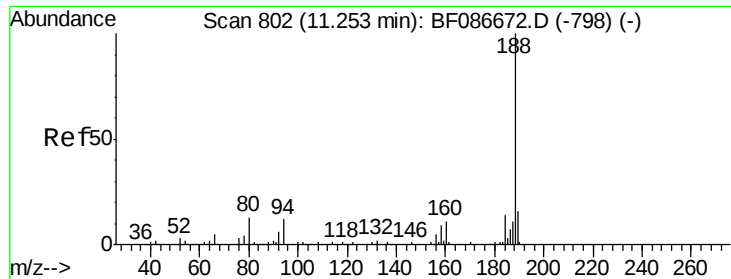
Tot Ion:138 Resp: 369749
Ion Ratio Lower Upper
138 100
92 53.8 24.7 64.7
108 79.3 37.4 77.4#



#62
Azobenzene
Concen: 56.27 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion: 77 Resp: 1524688
Ion Ratio Lower Upper
77 100
182 15.7 0.0 38.8
105 19.4 3.2 43.2
51 43.7 8.8 48.8

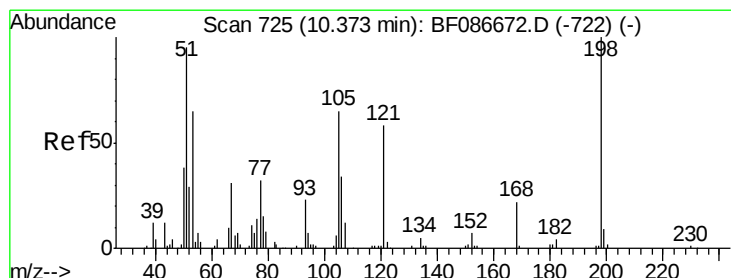
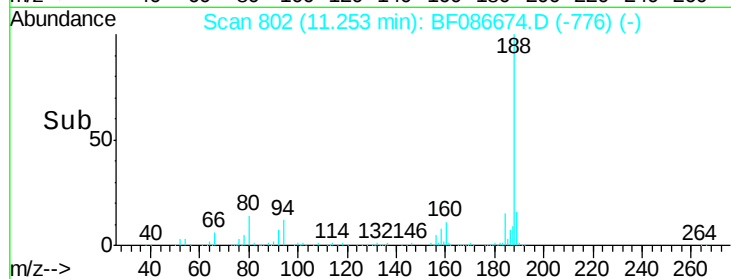
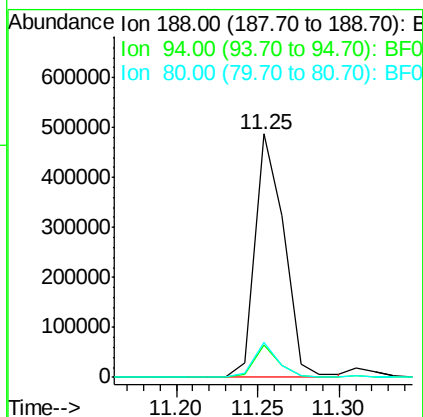
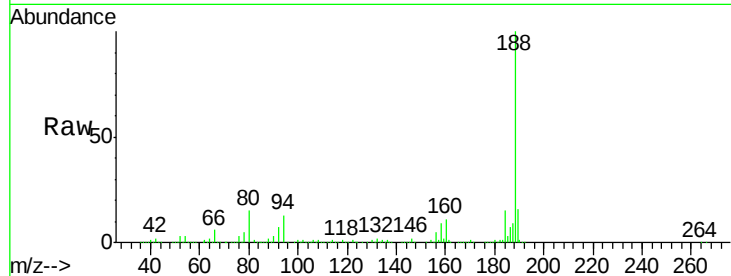




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

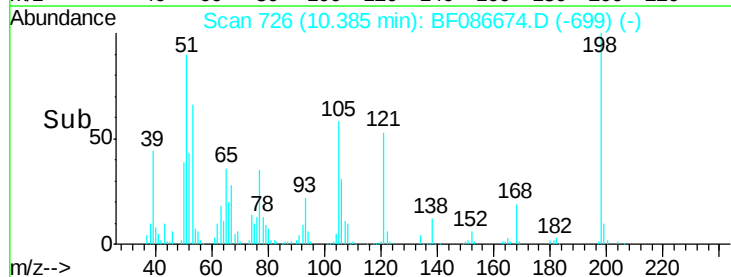
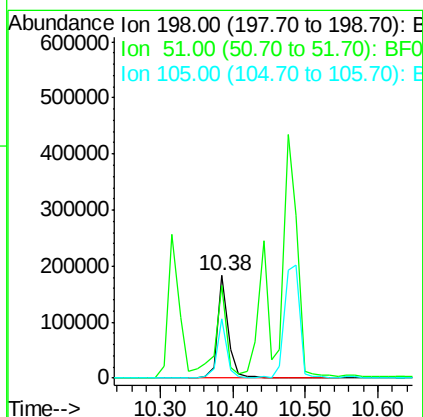
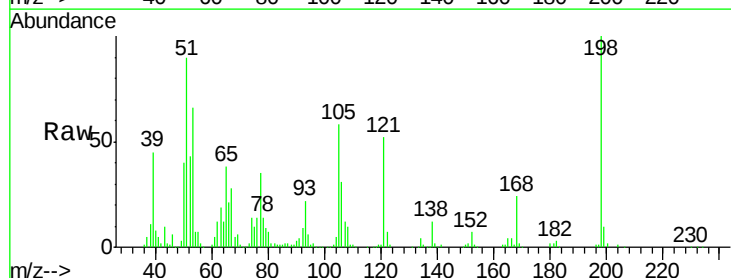
Instrument :
BNA_F
ClientSampleId :

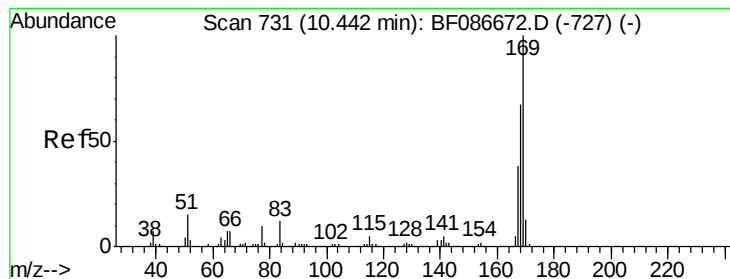
Tot Ion:188 Resp: 605565
Ion Ratio Lower Upper
188 100
94 13.2 6.8 10.2#
80 14.6 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 53.62 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:198 Resp: 190609
Ion Ratio Lower Upper
198 100
51 89.8 20.5 60.5#
105 57.6 24.5 64.5

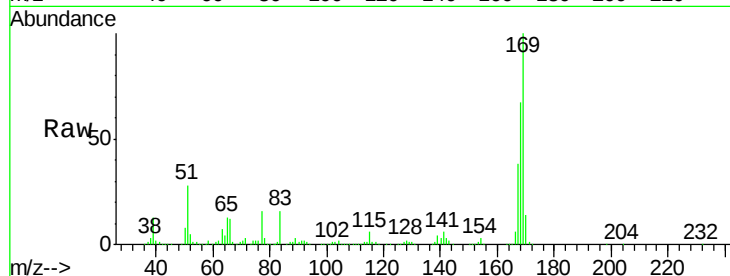




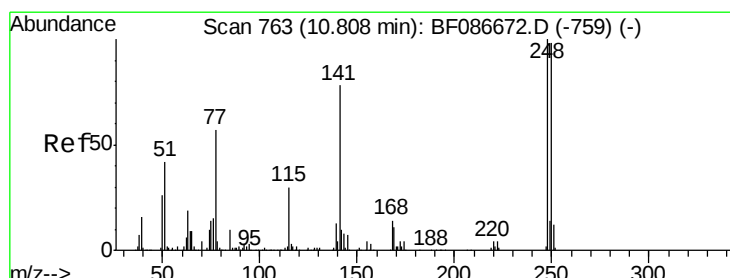
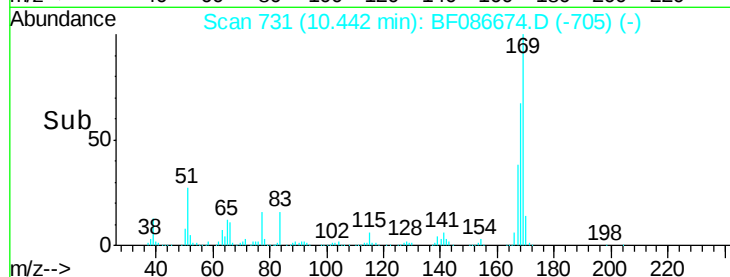
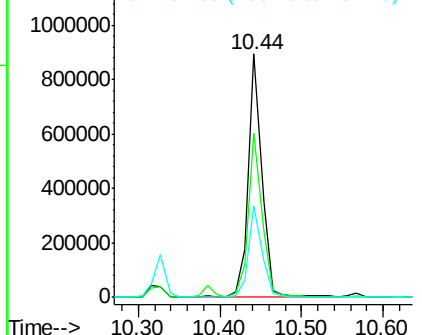
#65
 n-Nitrosodiphenylamine
 Concen: 54.58 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1033026
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 37.6 29.5 44.3

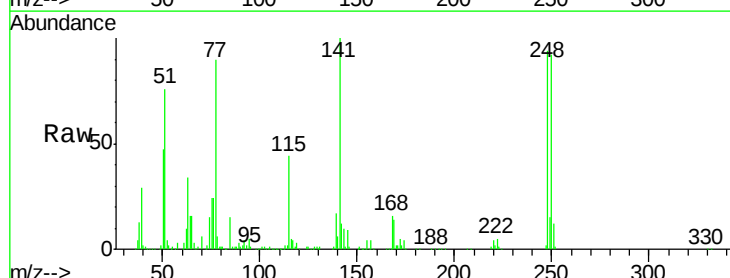


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

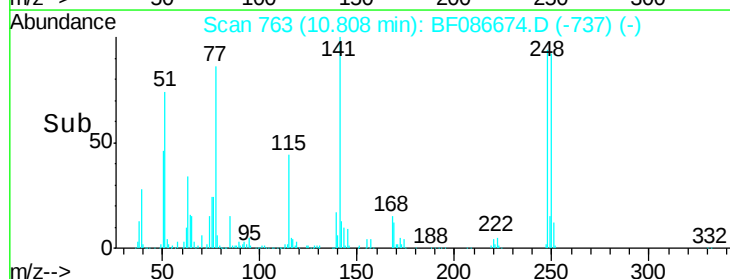
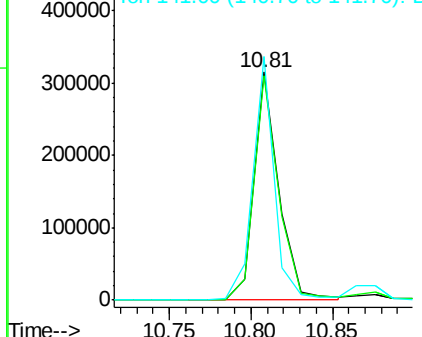


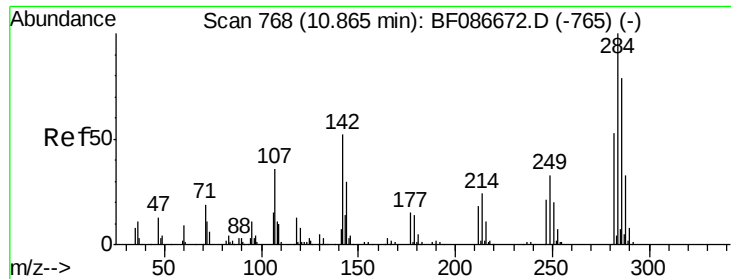
#66
 4-Bromophenyl-phenylether
 Concen: 53.25 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:248 Resp: 332278
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.6 117.8
 141 106.9 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: 61.82 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

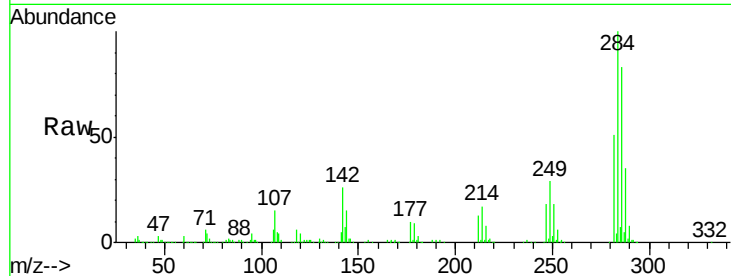
Tot Ion:284 Resp: 446529

Ion Ratio Lower Upper

284 100

142 25.9 16.7 25.1#

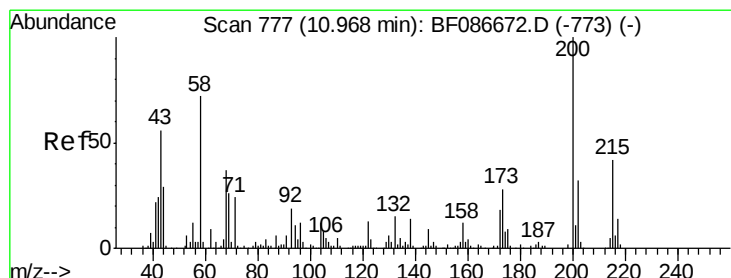
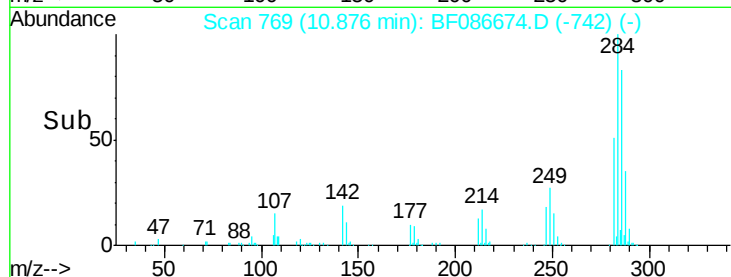
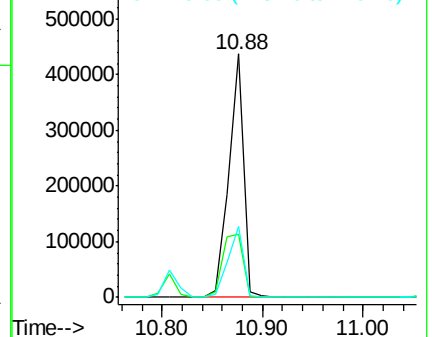
249 29.2 21.3 31.9



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: 63.08 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

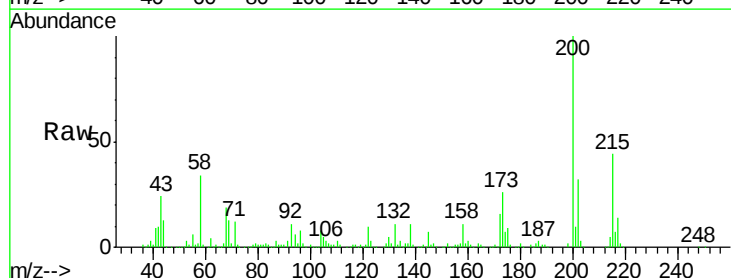
Tgt Ion:200 Resp: 358488

Ion Ratio Lower Upper

200 100

173 25.6 8.5 48.5

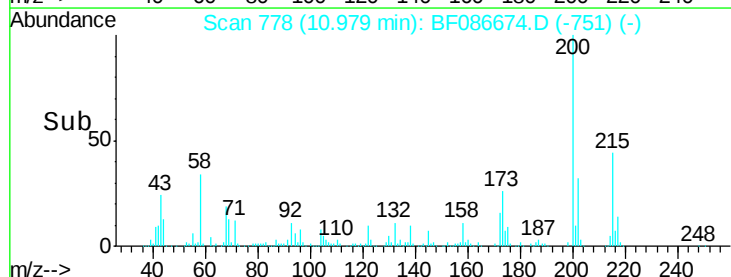
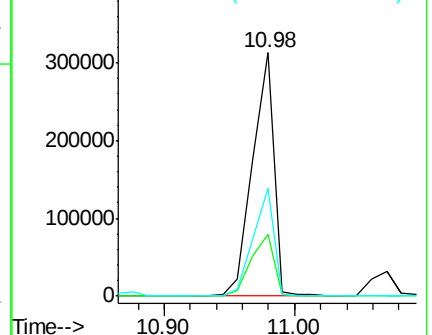
215 44.3 27.2 67.2

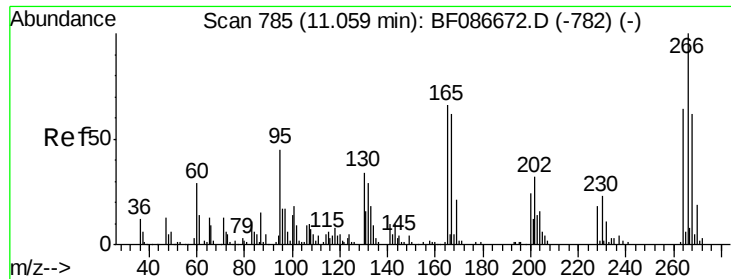


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

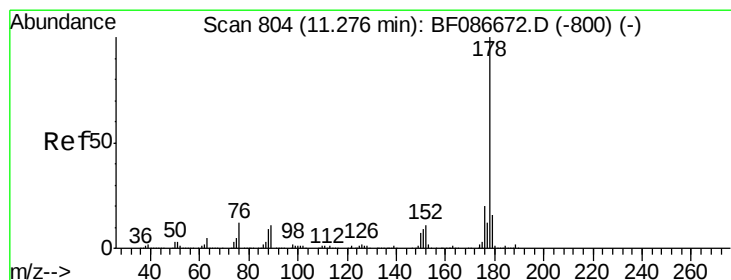
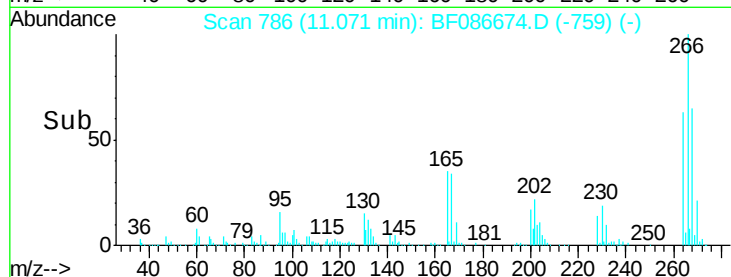
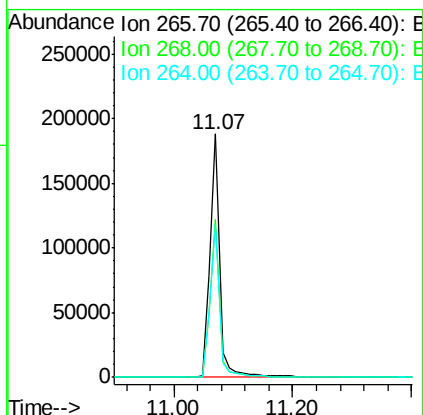
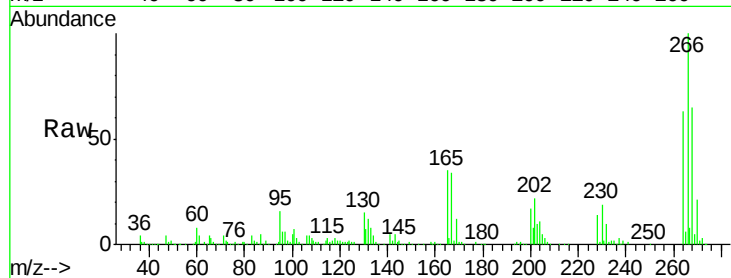




#69
 Pentachlorophenol
 Concen: 57.02 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

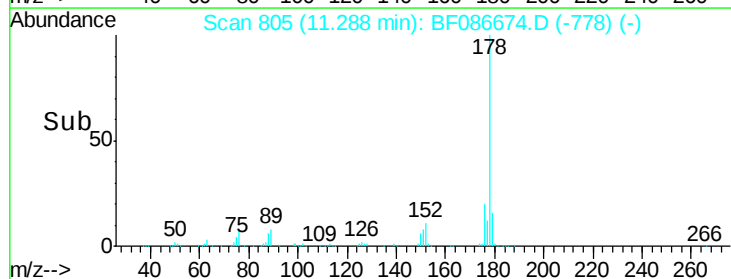
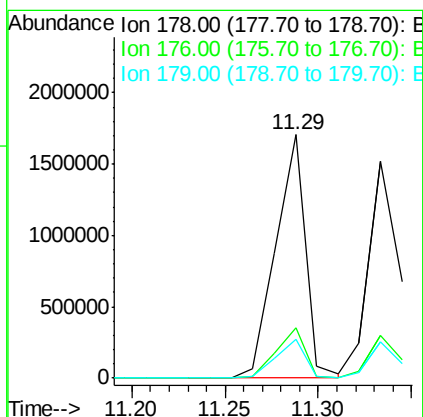
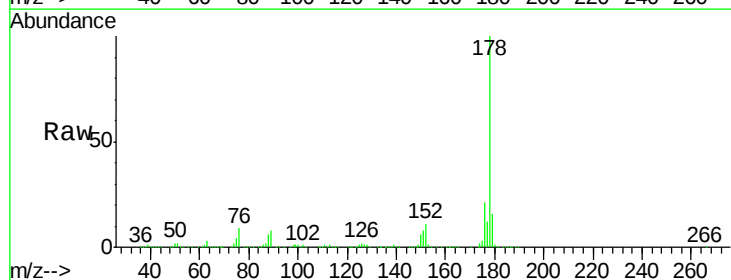
Instrument :
 BNA_F
 ClientSampled :

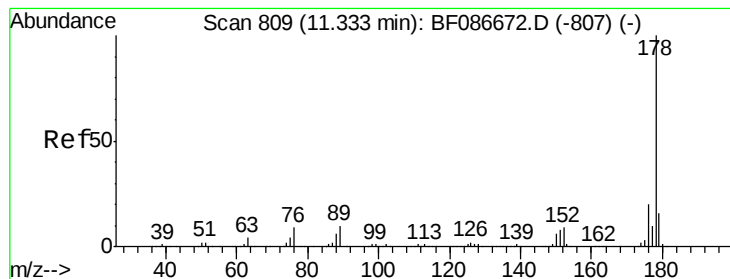
Tot Ion:266 Resp: 217146
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.5 77.3
 264 62.8 52.9 79.3



#70
 Phenanthrene
 Concen: 59.65 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:178 Resp: 1895695
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.0 24.0
 179 15.9 12.6 18.8





#71

Anthracene

Concen: 53.63 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

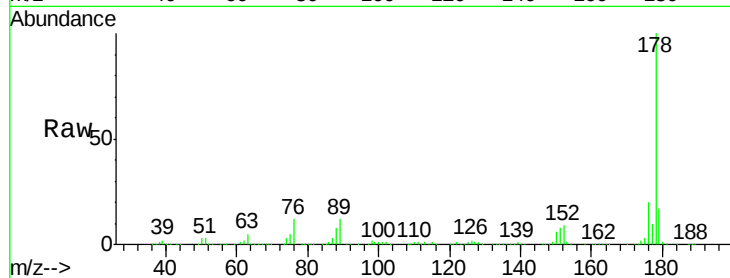
Tot Ion:178 Resp: 1818909

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

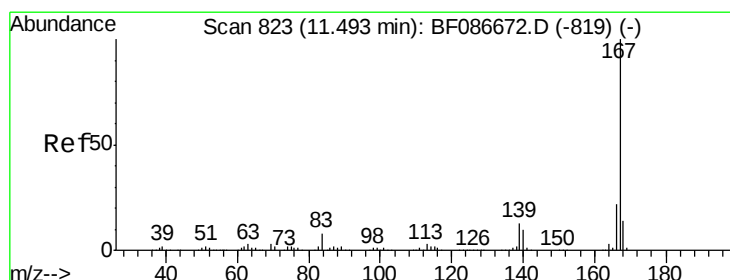
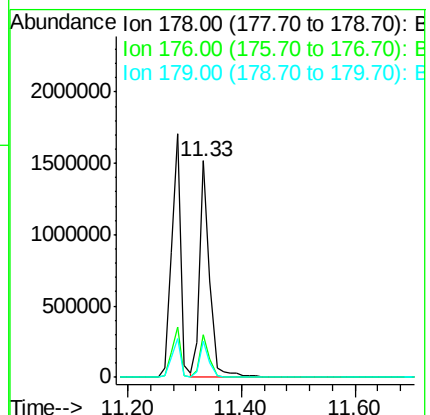
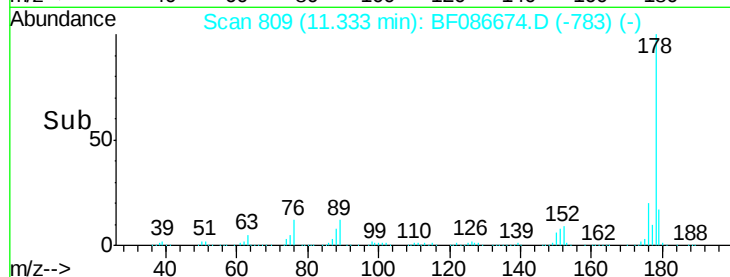
179 16.5 12.7 19.1



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: 55.16 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

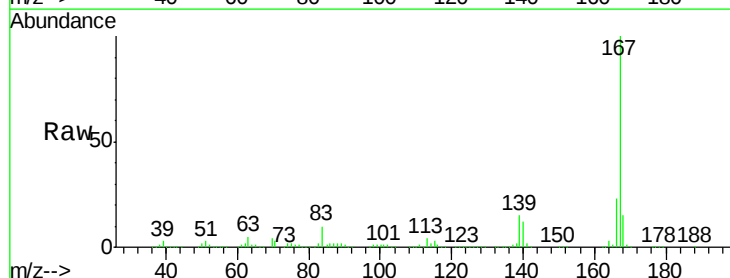
Tgt Ion:167 Resp: 1657912

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

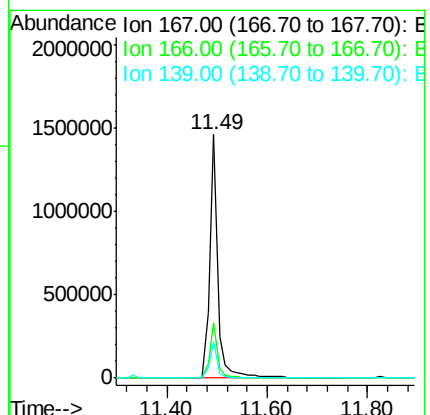
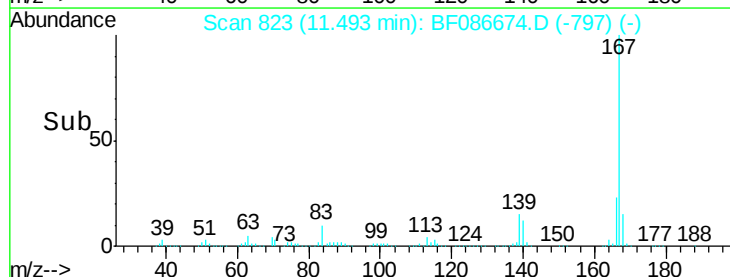
139 15.0 10.8 16.2

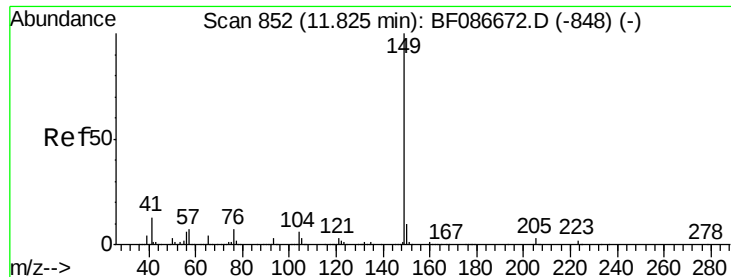


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.77 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

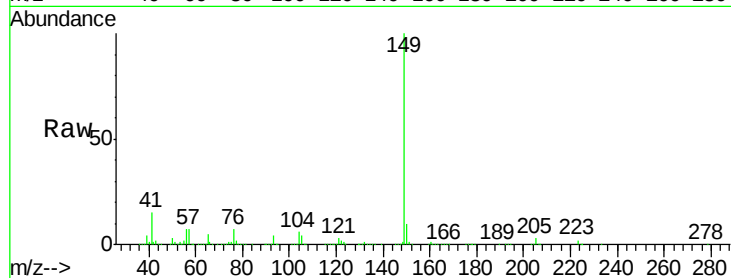
Tot Ion:149 Resp: 1967338

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

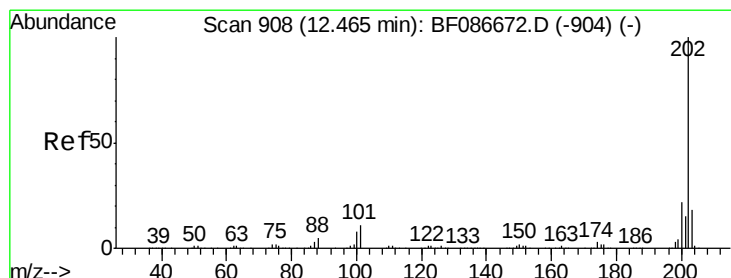
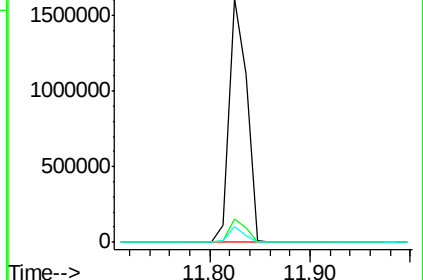
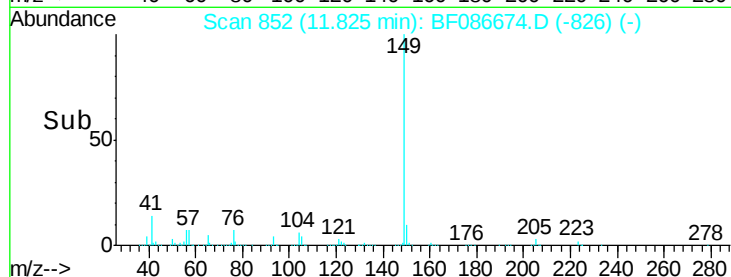
104 6.4 3.8 5.6#



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: 53.04 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

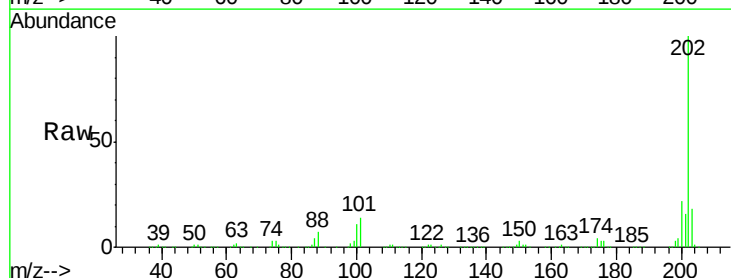
Tgt Ion:202 Resp: 1701404

Ion Ratio Lower Upper

202 100

101 14.2 0.0 35.4

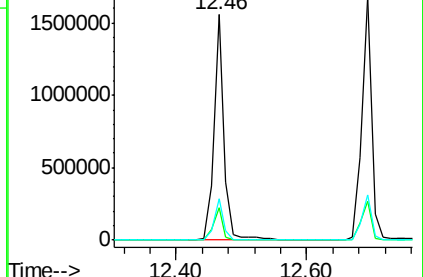
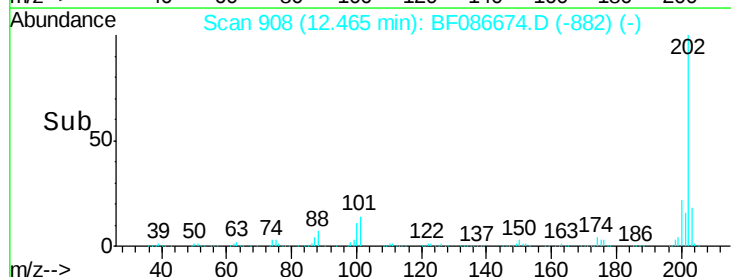
203 18.4 0.0 38.1

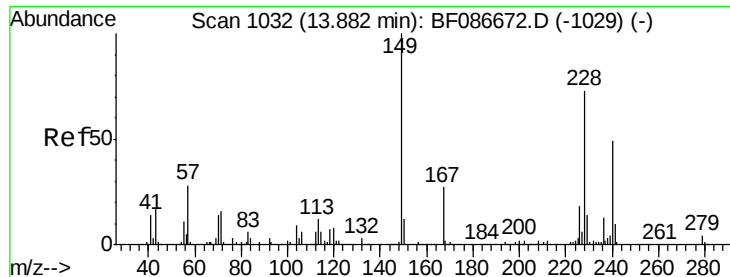


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

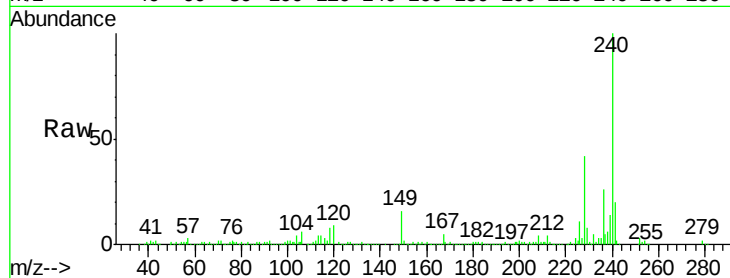
Tot Ion:240 Resp: 388719

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

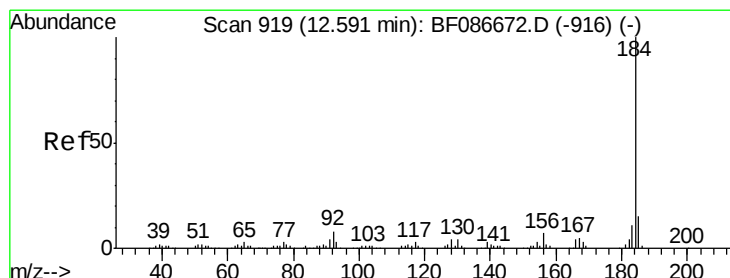
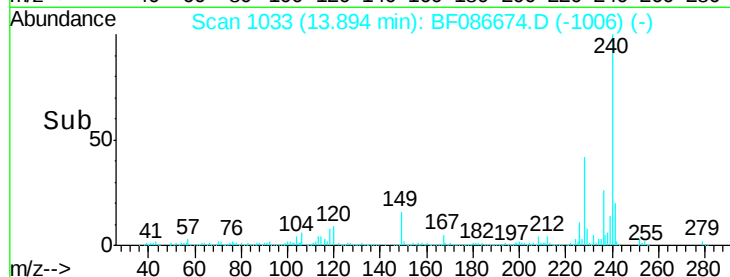
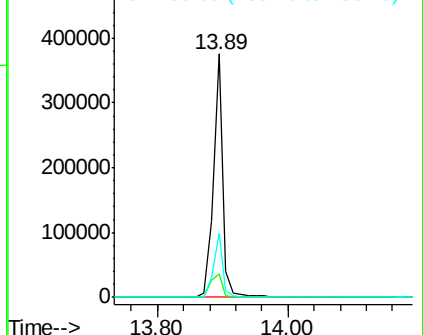
236 26.3 21.2 31.8



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: 48.94 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

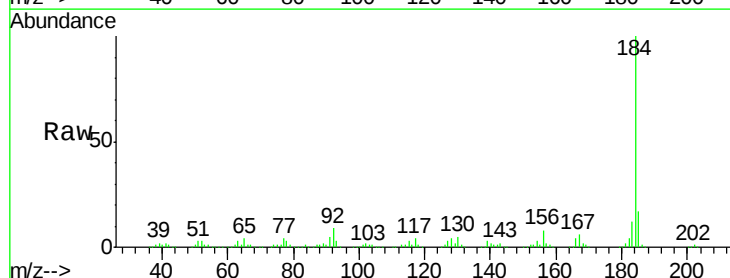
Tgt Ion:184 Resp: 653729

Ion Ratio Lower Upper

184 100

185 17.2 13.6 20.4

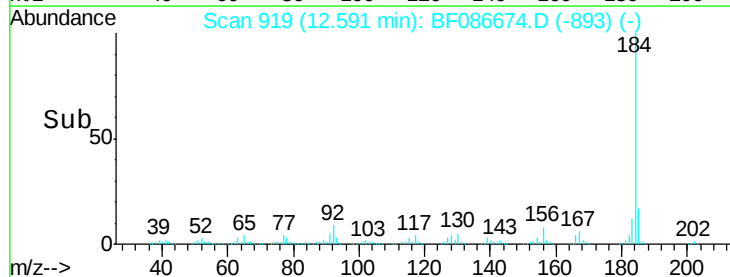
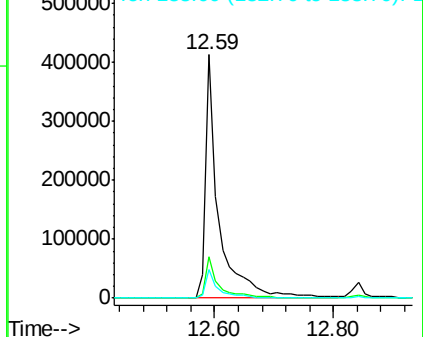
183 11.6 9.8 14.6

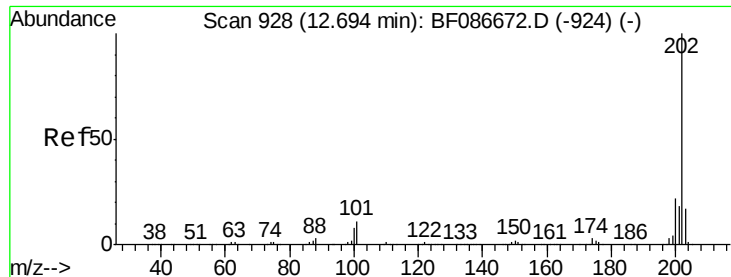


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

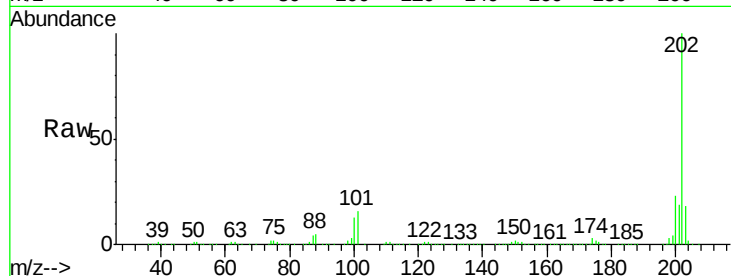




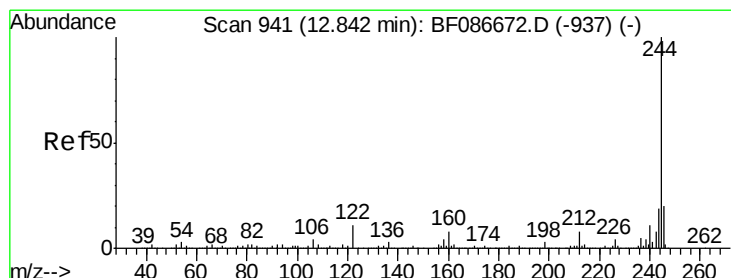
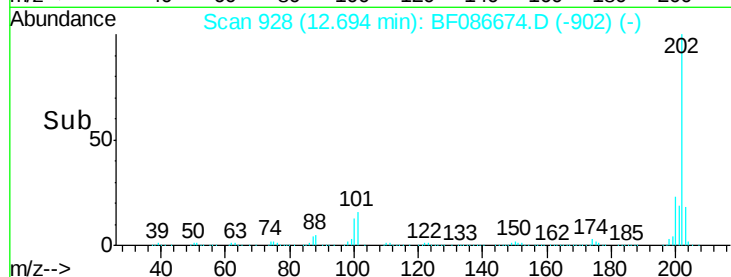
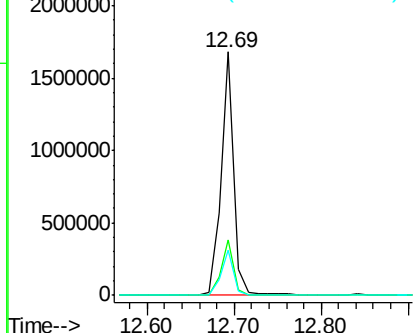
#77
Pvrene
Concen: 61.65 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1726679
Ion Ratio Lower Upper
202 100
200 23.0 17.7 26.5
203 18.4 14.2 21.4

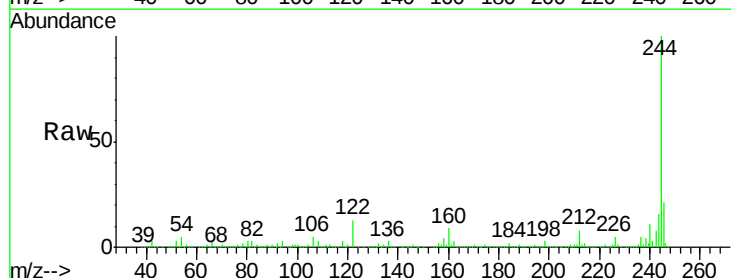


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

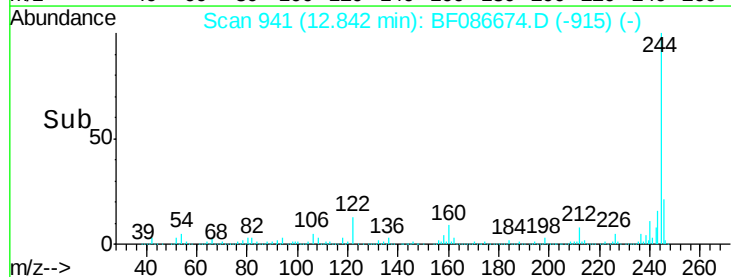
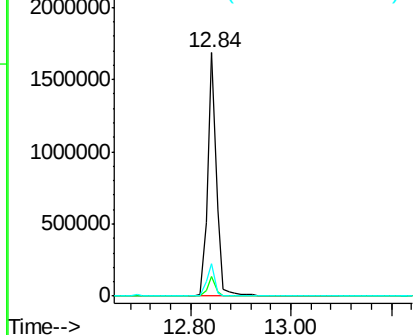


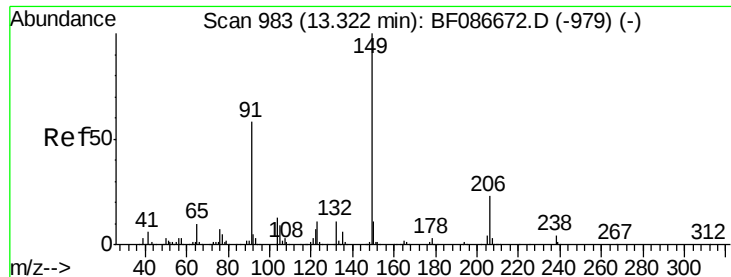
#78
Terphenyl-d14
Concen: 116.09 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:244 Resp: 2048360
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 13.4 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

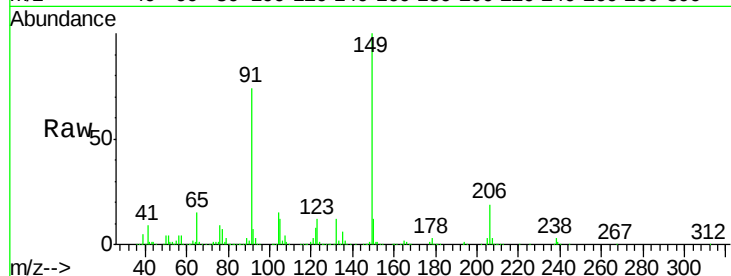




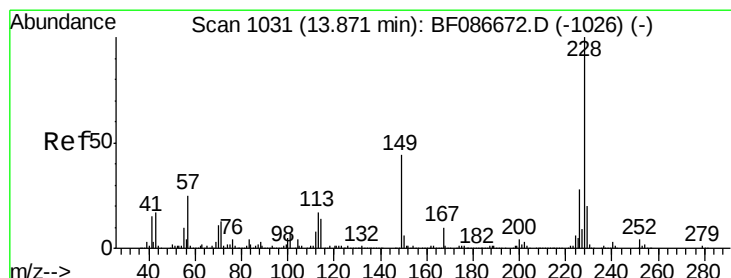
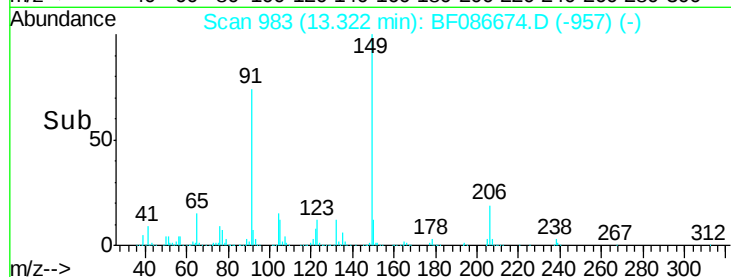
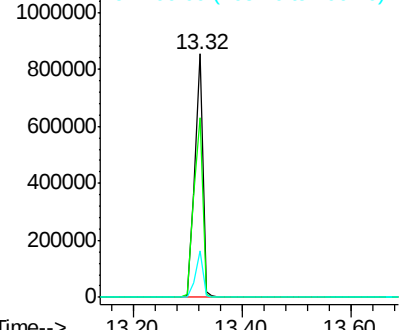
#79
Butylbenzylphthalate
Concen: 72.00 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 873417
Ion Ratio Lower Upper
149 100
91 73.7 48.0 72.0#
206 19.1 15.8 23.6

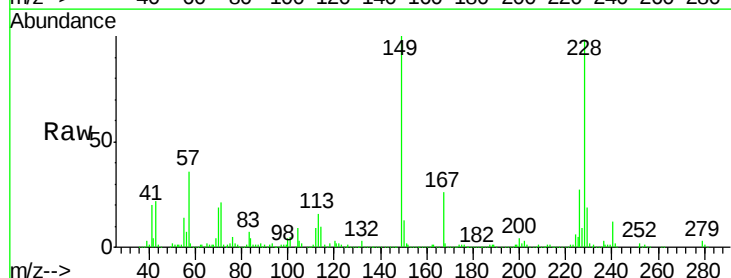


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

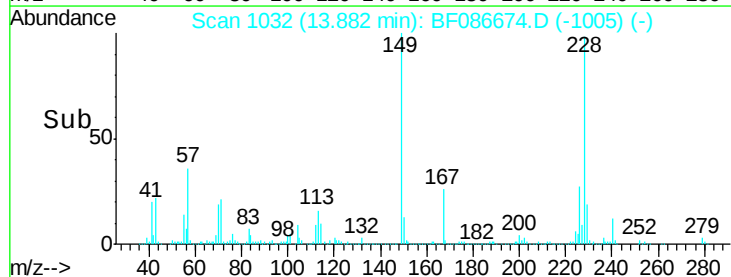
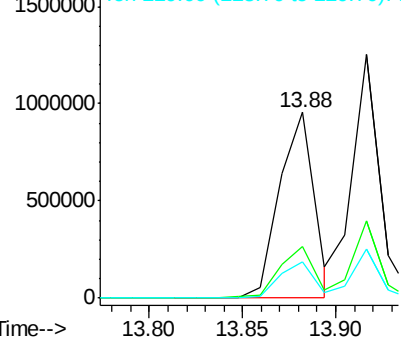


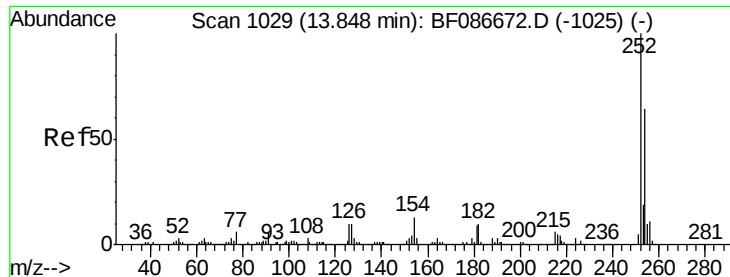
#80
Benzo(a)anthracene
Concen: 59.87 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086674.D
Acq: 4 May 2016 13:42

Tgt Ion:228 Resp: 1240833
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 19.8 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

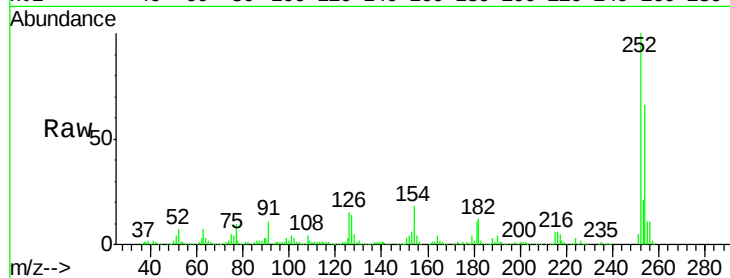




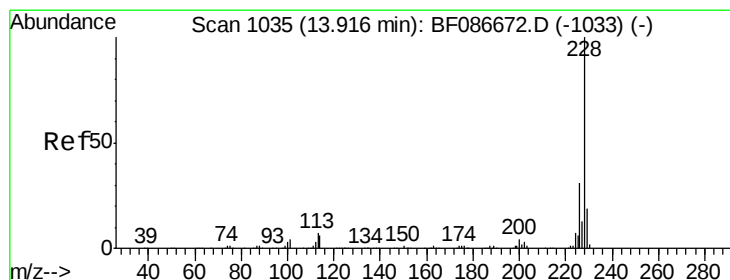
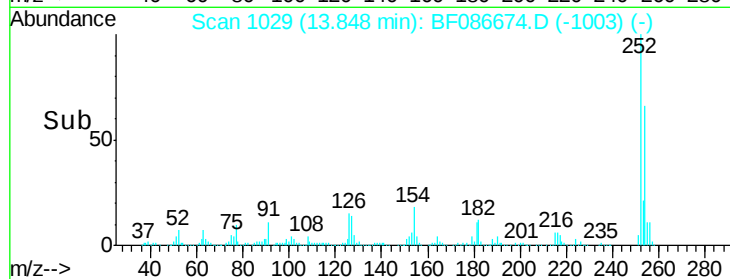
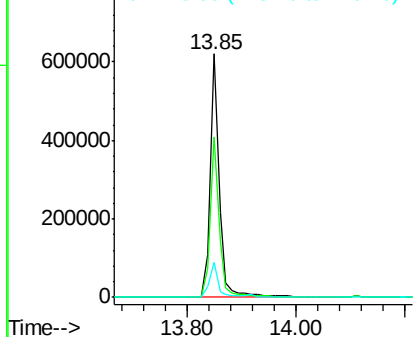
#81
 3,3'-Dichlorobenzidine
 Concen: 52.94 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 733403
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.7 76.1
 126 14.5 12.7 19.1

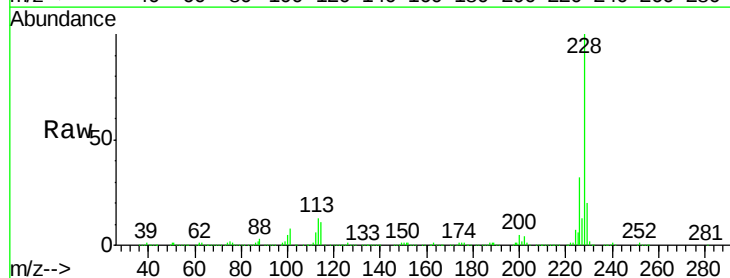


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

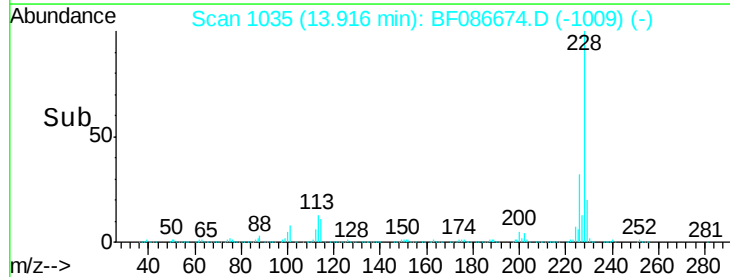
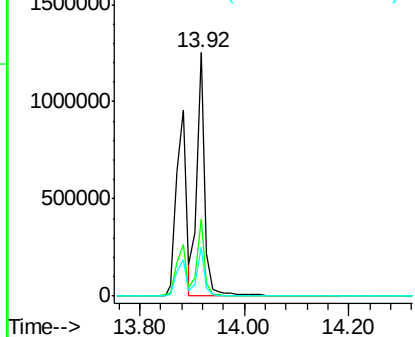


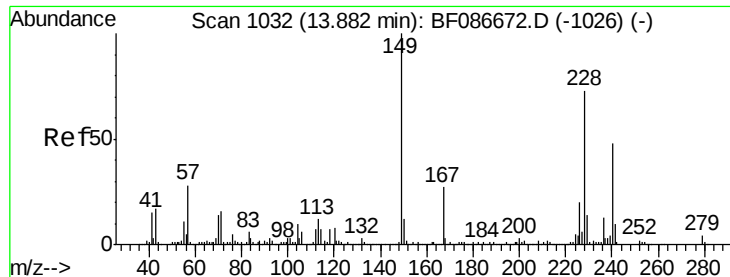
#82
 Chrysene
 Concen: 58.92 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:228 Resp: 1327292
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.0 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.94 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

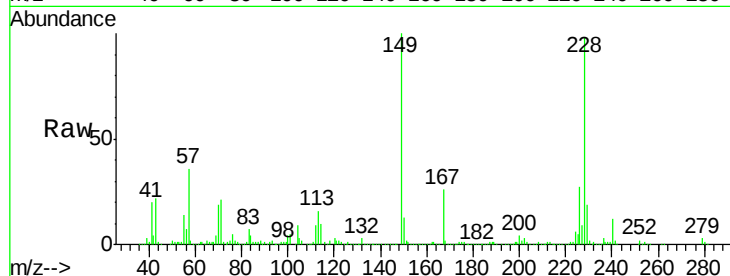
Tot Ion:149 Resp: 902548

Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.6

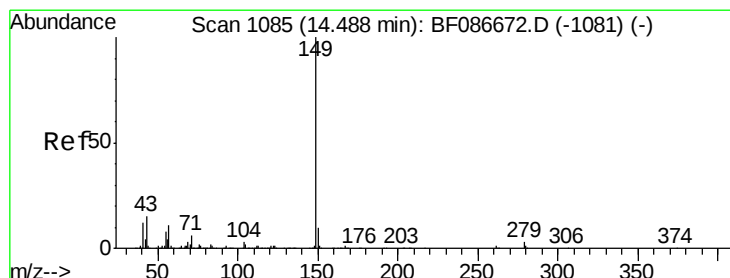
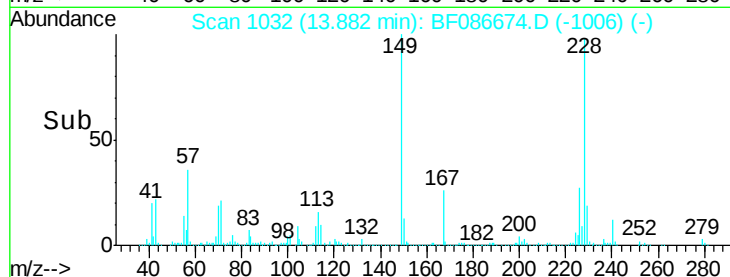
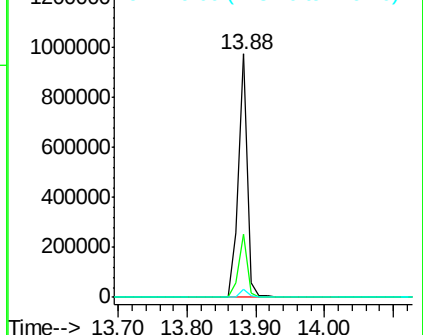
279 3.3 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.75 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

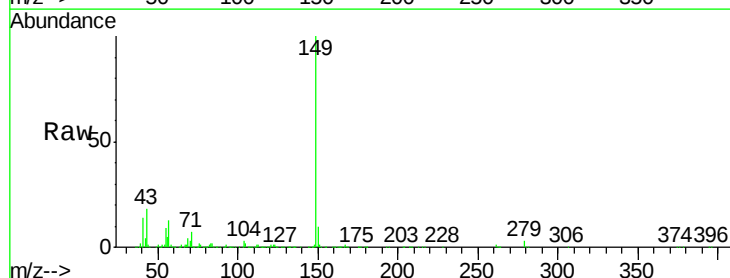
Tgt Ion:149 Resp: 1385315

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

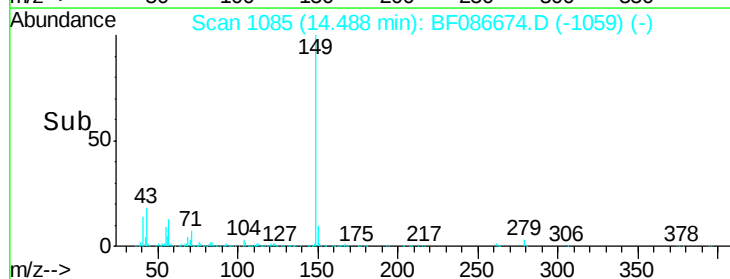
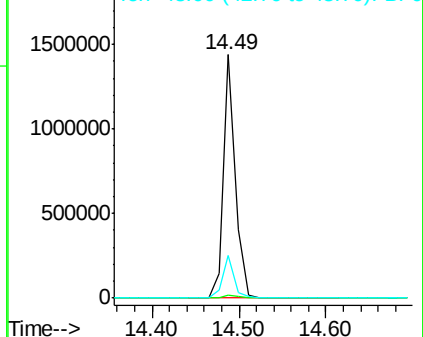
43 16.8 8.2 12.4#

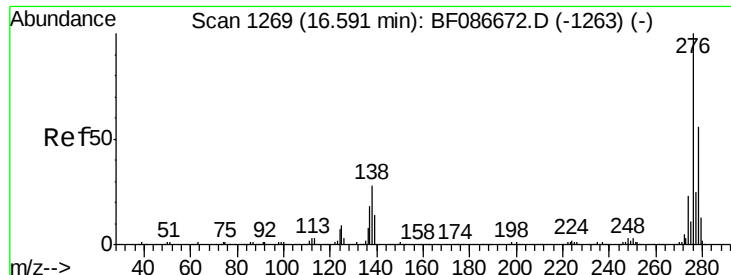


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

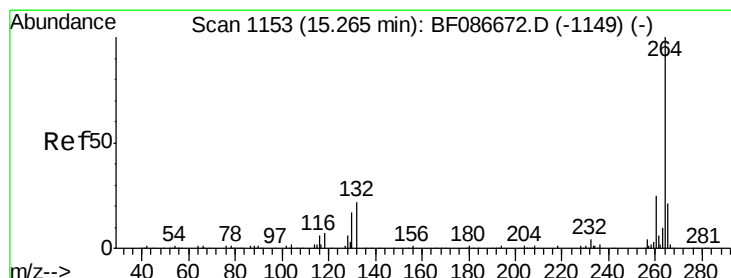
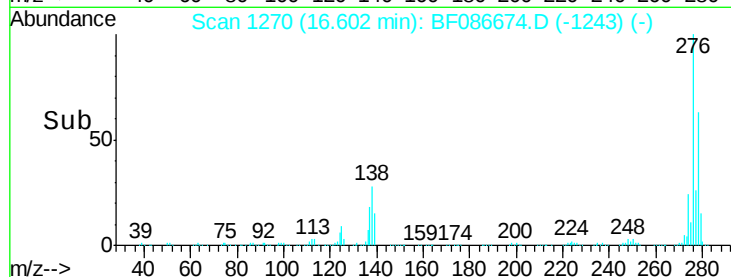
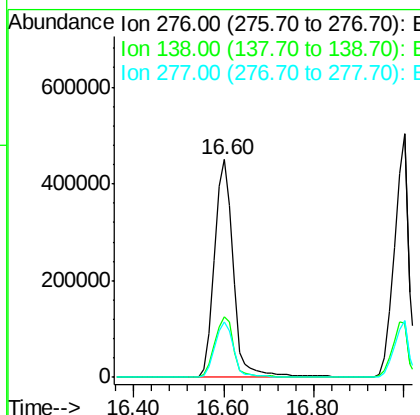
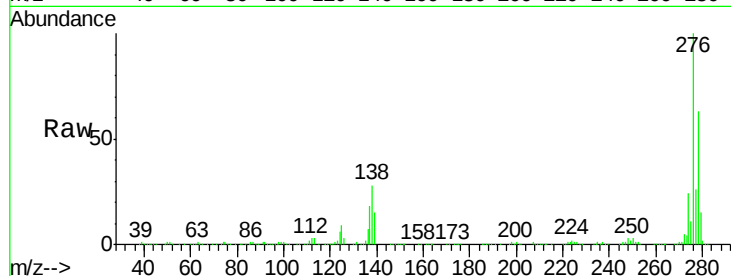




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.16 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

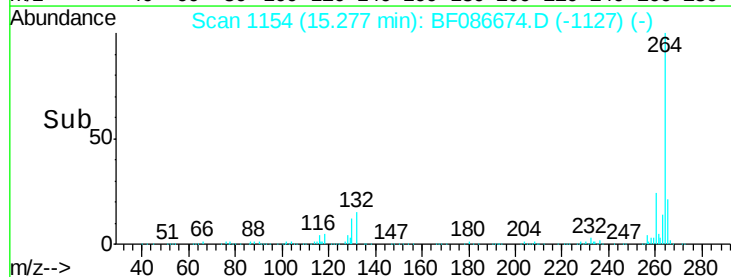
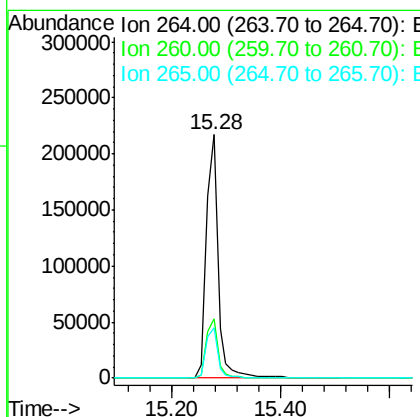
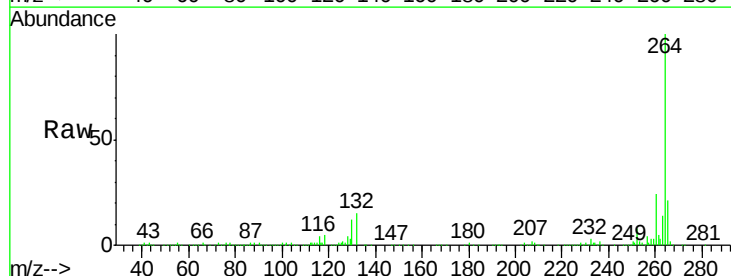
Instrument :
 BNA_F
 ClientSampleId :

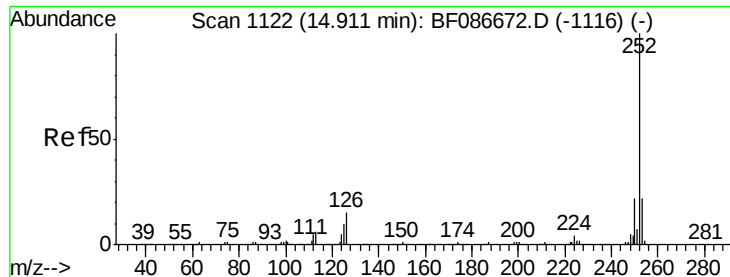
Tot Ion:276 Resp: 1321290
 Ion Ratio Lower Upper
 276 100
 138 28.7 25.6 38.4
 277 25.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086674.D
 Acq: 4 May 2016 13:42

Tgt Ion:264 Resp: 330356
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 114.30 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

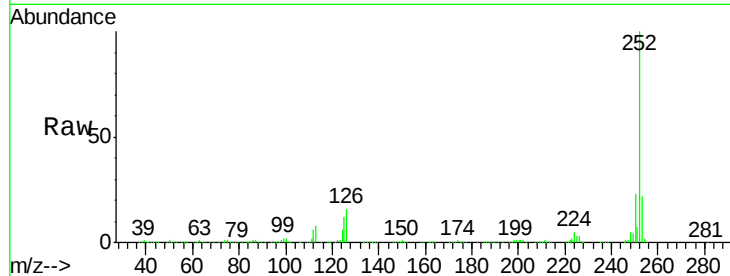
Tot Ion:252 Resp: 2221444

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

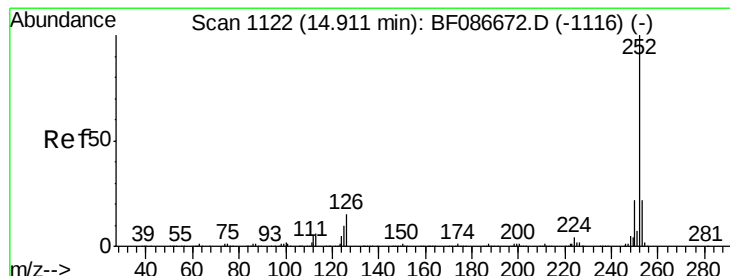
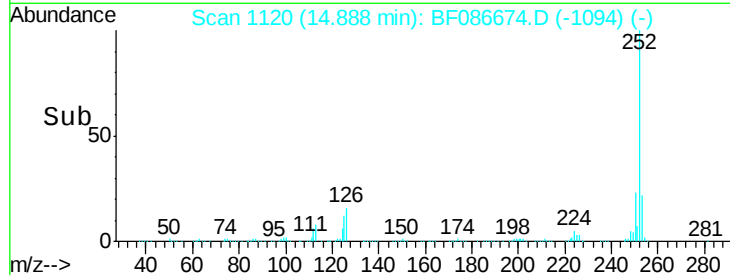
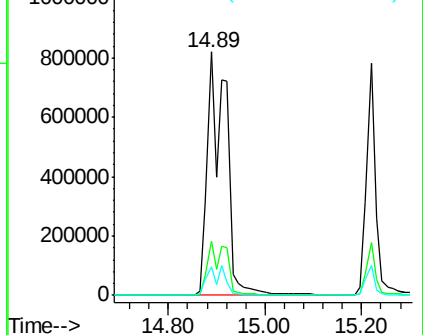
125 11.7 11.4 17.0



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: 109.66 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

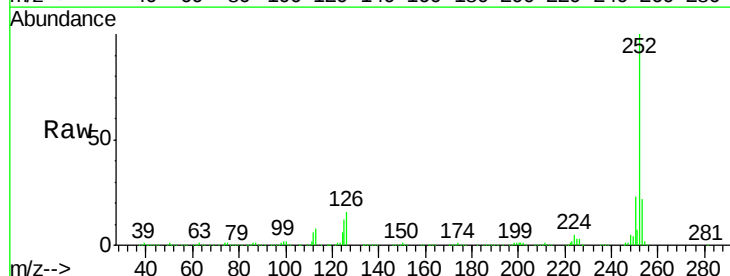
Tgt Ion:252 Resp: 2222911

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

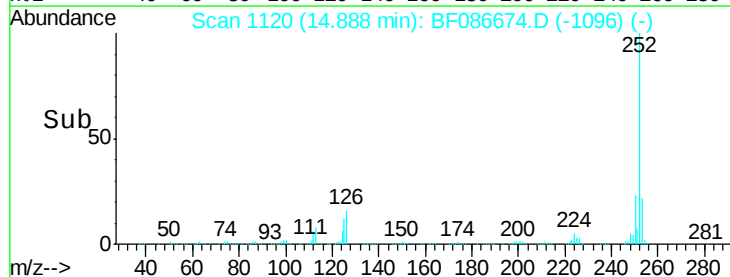
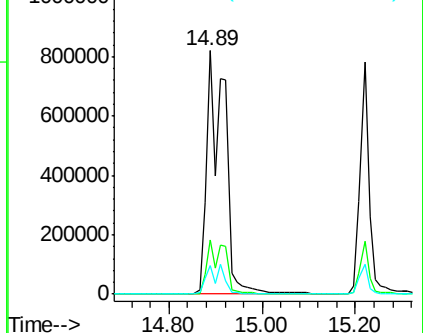
125 11.7 9.1 13.7

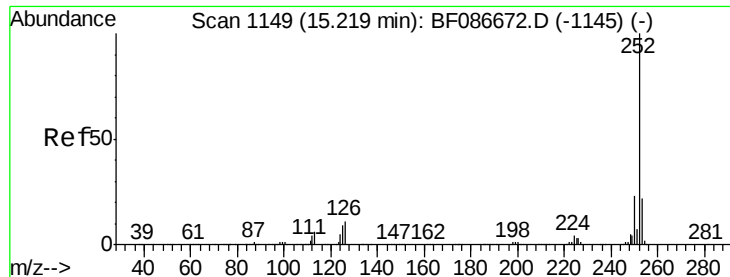


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.19 ng

RT: 15.22 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampled :

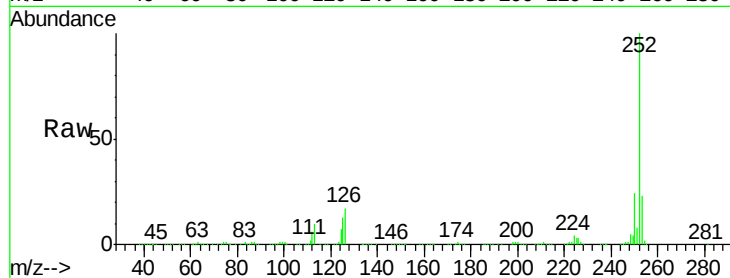
Tot Ion:252 Resp: 1049356

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

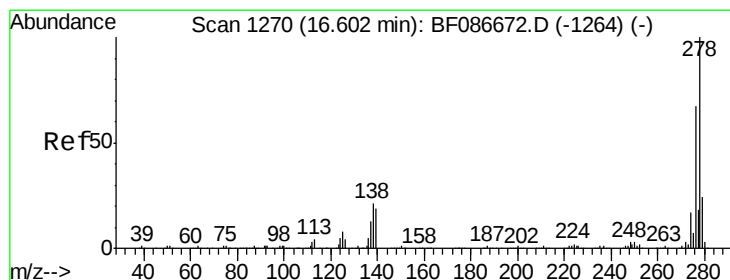
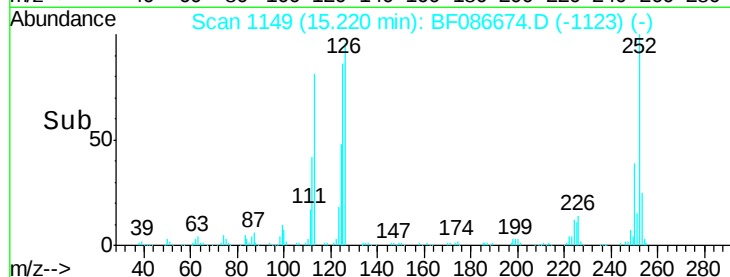
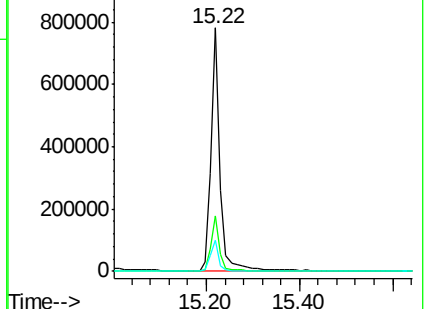
125 12.6 9.0 13.6



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: 72.24 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

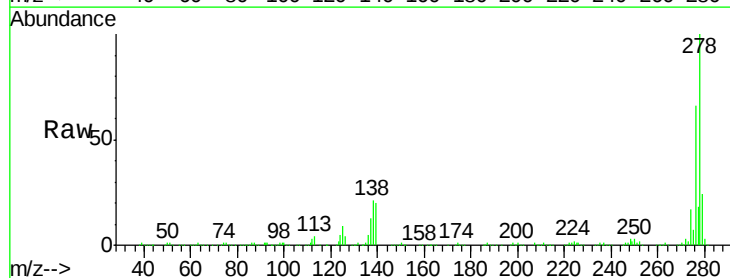
Tgt Ion:278 Resp: 1084665

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

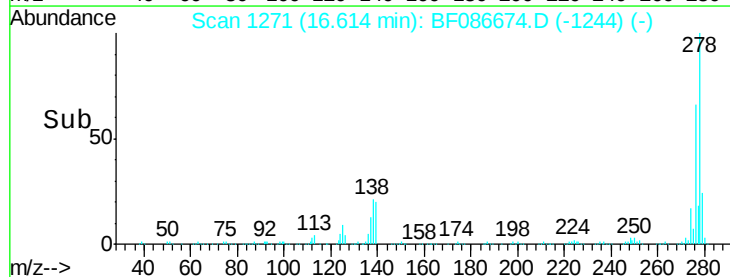
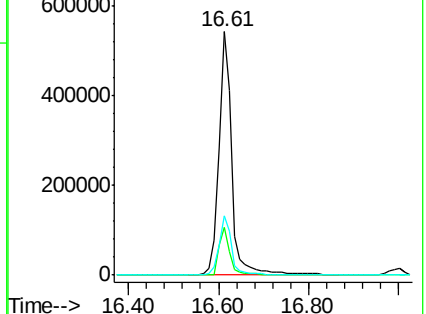
279 24.1 19.6 29.4

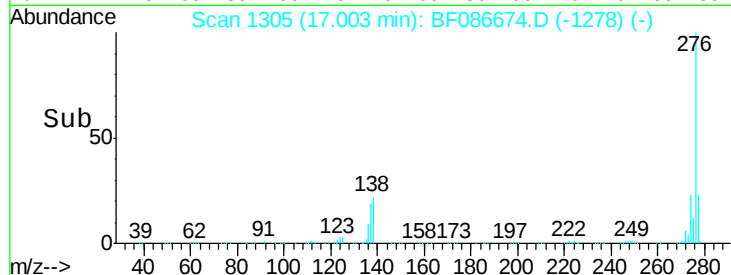
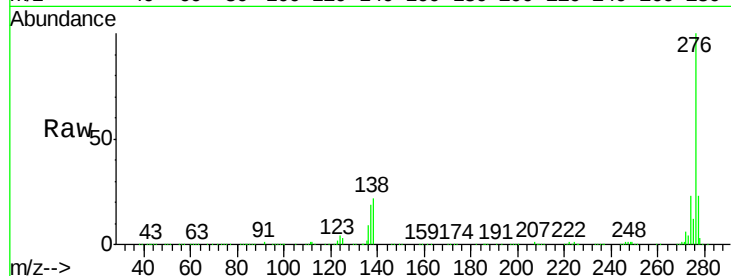
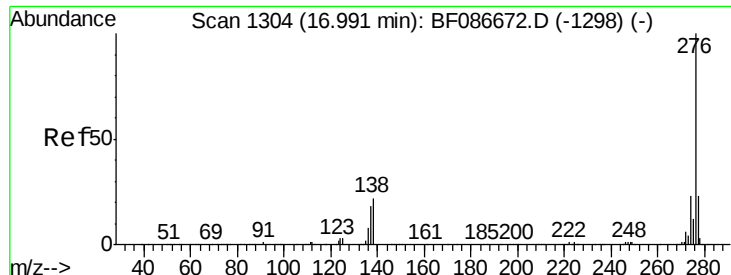


Abundance Ion 278.00 (277.70 to 278.70): E

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: 75.70 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF086674.D

Acq: 4 May 2016 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1139131

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.4 23.6 35.4#

