

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086675.D
 Acq On : 4 May 2016 14:11
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 14:33:01 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	168582	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	700759	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	331193	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605587	20.00	ng	0.00
75) Chrysene-d12	13.89	240	413531	20.00	ng	0.01
86) Perylene-d12	15.28	264	354723	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1610636	164.80	ng	0.00
7) Phenol-d6	6.40	99	1975108	144.79	ng	0.02
23) Nitrobenzene-d5	7.32	82	1995046	153.46	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	540931	154.88	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	2946385	150.56	ng	0.01
78) Terphenyl-d14	12.85	244	3014350	160.59	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	399980	77.91	ng	# 75
3) Pyridine	2.93	79	1021189	84.04	ng	# 70
4) n-Nitrosodimethylamine	2.91	42	670099	96.76	ng	# 55
6) Aniline	6.42	93	1296854	78.57	ng	94
8) 2-Chlorophenol	6.53	128	896717	73.66	ng	97
9) Benzaldehyde	6.28	77	413725	52.13	ng	98
10) Phenol	6.41	94	1120871	73.65	ng	# 52
11) bis(2-Chloroethyl)ether	6.49	93	868546	66.02	ng	86
12) 1,3-Dichlorobenzene	6.76	146	992305	75.78	ng	98
13) 1,4-Dichlorobenzene	6.76	146	1003845	74.30	ng	97
14) 1,2-Dichlorobenzene	6.76	146	1009480	81.48	ng	98
15) Benzyl Alcohol	6.90	79	665629	77.13	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1896836	72.03	ng	98
17) 2-Methylphenol	7.01	107	726996	73.89	ng	# 89
18) Hexachloroethane	7.25	117	369223	73.14	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	727813	80.72	ng	# 77
20) 3+4-Methylphenols	7.17	107	756154	67.31	ng	# 87
22) Acetophenone	7.16	105	1209493	78.71	ng	# 93
24) Nitrobenzene	7.33	77	1046491	78.25	ng	95
25) Isophorone	7.58	82	1957844	78.25	ng	98
26) 2-Nitrophenol	7.65	139	536496	87.13	ng	# 93
27) 2,4-Dimethylphenol	7.70	122	825829	76.44	ng	89
28) bis(2-Chloroethoxy)methane	7.79	93	1008300	73.97	ng	98
29) 2,4-Dichlorophenol	7.89	162	681181	74.73	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	758891	71.76	ng	96
31) Naphthalene	8.05	128	2393218	67.12	ng	97
32) Benzoic acid	7.86	122	431026	76.93	ng	# 82
33) 4-Chloroaniline	8.11	127	1098856	82.29	ng	96
34) Hexachlorobutadiene	8.17	225	403106	68.00	ng	99
35) Caprolactam	8.51	113	239035	78.60	ng	# 58
36) 4-Chloro-3-methylphenol	8.60	107	767992	73.58	ng	91
37) 2-Methylnaphthalene	8.74	142	1438364	68.36	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	672914	70.98	ng	97
40) Hexachlorocyclopentadiene	8.90	237	357439	75.87	ng	94

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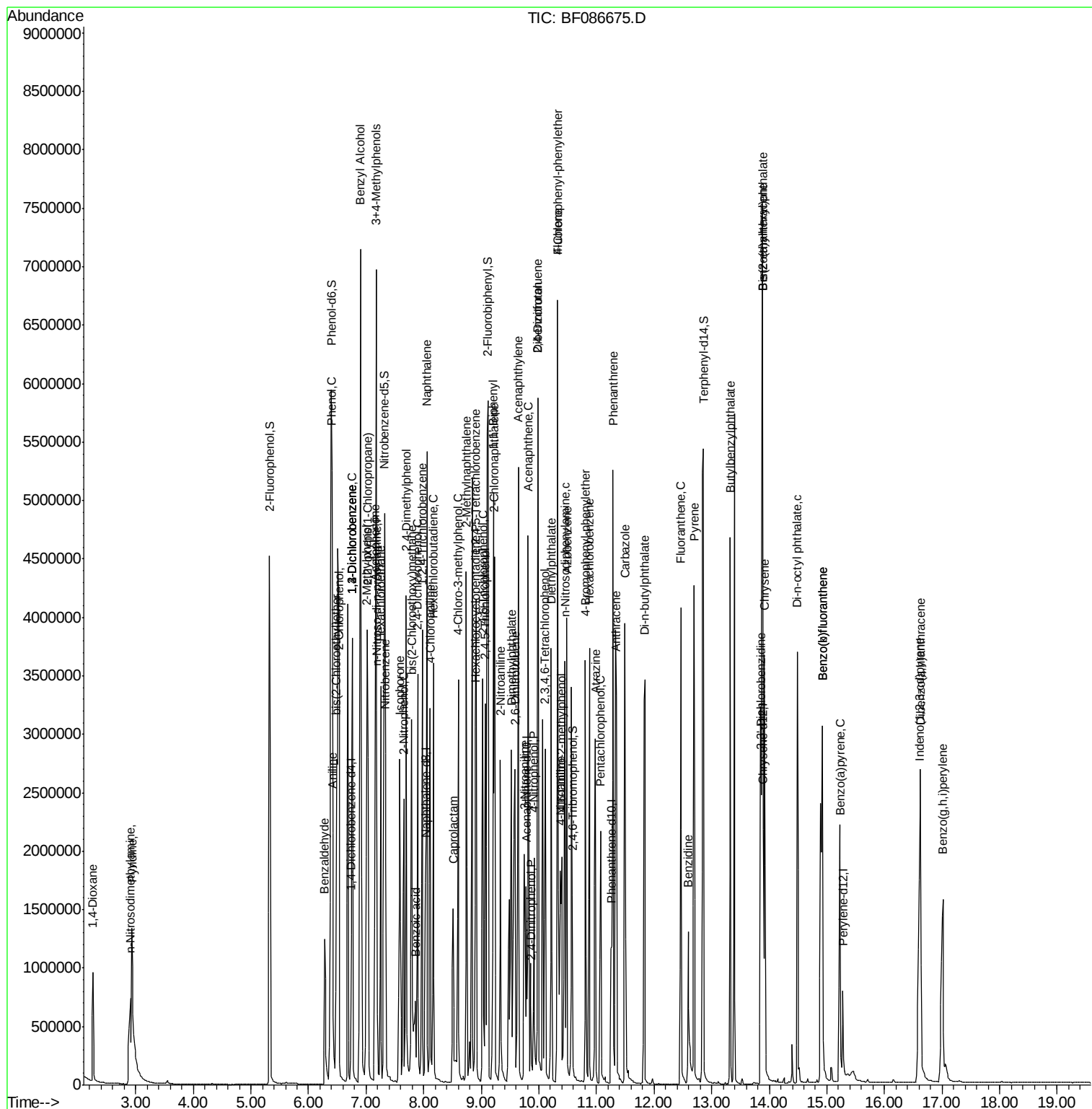
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	484920	80.92	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	476417	72.94	nq	# 91
45) 1,1'-Biphenyl	9.21	154	1681302	60.73	nq	95
46) 2-Chloronaphthalene	9.23	162	1384667	65.78	nq	93
47) 2-Nitroaniline	9.33	65	604581	89.57	nq	# 81
48) Acenaphthylene	9.64	152	2076671	63.12	nq	99
49) Dimethylphthalate	9.53	163	1932449	77.51	nq	99
50) 2,6-Dinitrotoluene	9.58	165	443195	86.04	nq	85
51) Acenaphthene	9.81	154	1444792	68.37	nq	99
52) 3-Nitroaniline	9.74	138	475453	81.16	nq	81
53) 2,4-Dinitrophenol	9.86	184	171423	74.40	nq	# 80
54) Dibenzofuran	9.98	168	1655217	62.67	nq	93
55) 4-Nitrophenol	9.92	139	292233	76.19	nq	# 60
56) 2,4-Dinitrotoluene	9.98	165	478272	72.84	nq	# 81
57) Fluorene	10.33	166	1310072	57.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	380583	74.53	nq	98
59) Diethylphthalate	10.21	149	1593863	67.53	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	737399	70.82	nq	# 83
61) 4-Nitroaniline	10.37	138	473207	82.64	nq	# 80
62) Azobenzene	10.49	77	2011623	77.81	nq	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	300508	84.53	nq	91
65) n-Nitrosodiphenylamine	10.45	169	1429258	75.52	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	422031	67.63	nq	90
67) Hexachlorobenzene	10.88	284	512272	70.92	nq	# 81
68) Atrazine	10.98	200	376355	66.22	nq	95
69) Pentachlorophenol	11.07	266	282349	74.14	nq	98
70) Phenanthrene	11.29	178	2218896	69.82	nq	98
71) Anthracene	11.34	178	2411561	71.10	nq	100
72) Carbazole	11.49	167	2012272	66.94	nq	98
73) Di-n-butylphthalate	11.84	149	2598983	76.32	nq	100
74) Fluoranthene	12.46	202	2234387	69.65	nq	99
76) Benzidine	12.59	184	796077	56.02	nq	98
77) Pyrene	12.69	202	2155577	72.34	nq	98
79) Butylbenzylphthalate	13.32	149	1033209	80.06	nq	# 77
80) Benzo(a)anthracene	13.88	228	1700279	77.12	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	1015567	68.91	nq	# 93
82) Chrysene	13.92	228	1526090	63.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1110082	69.30	nq	98
84) Di-n-octyl phthalate	14.49	149	1808816	72.10	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.61	276	1758162	99.01	nq	96
87) Benzo(b)fluoranthene	14.92	252	3038982	145.63	nq	# 96
88) Benzo(k)fluoranthene	14.92	252	3042500	139.78	nq	98
89) Benzo(a)pyrene	15.23	252	1479109	75.07	nq	# 96
90) Dibenzo(a,h)anthracene	16.63	278	1410467	87.48	nq	97
91) Benzo(g,h,i)perylene	17.01	276	1508574	93.37	nq	# 92

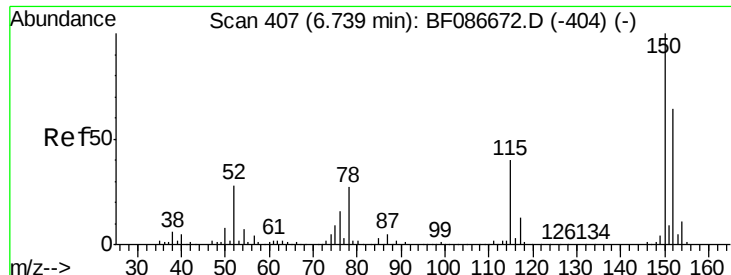
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

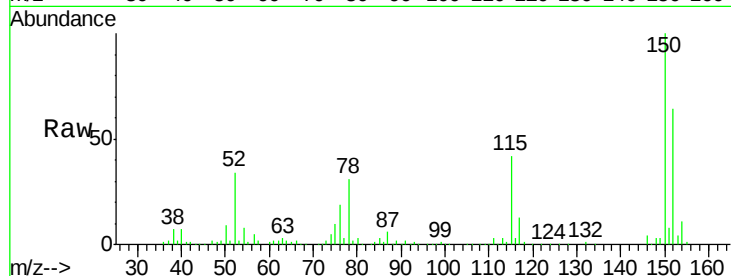
Tot Ion:152 Resp: 168582

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

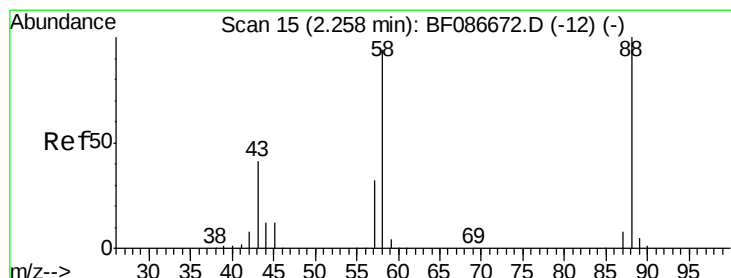
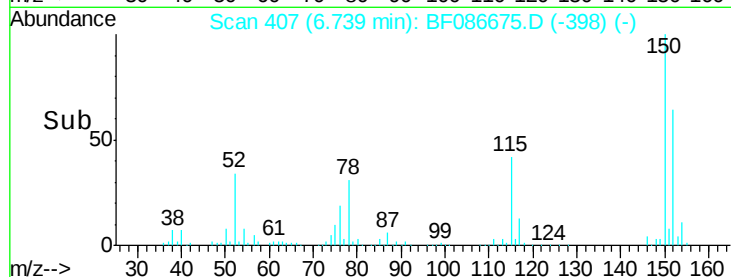
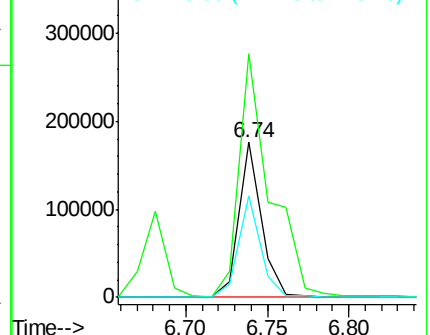
115 65.8 51.5 77.3



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: 77.91 ng

RT: 2.26 min Scan# 15

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

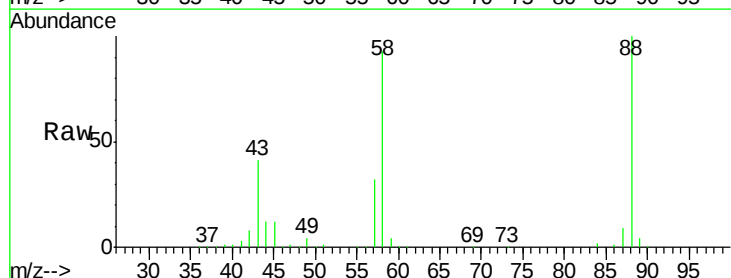
Tgt Ion: 88 Resp: 399980

Ion Ratio Lower Upper

88 100

58 94.9 59.6 89.4#

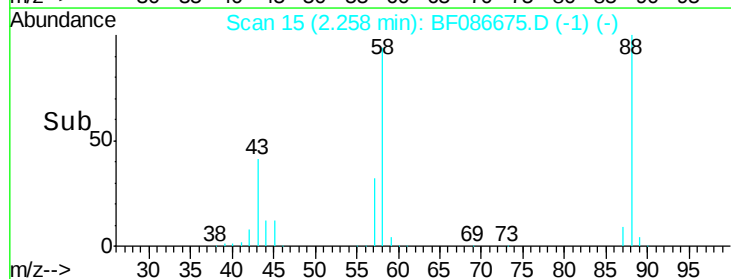
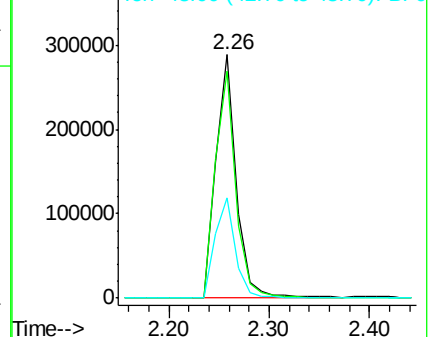
43 41.8 21.8 32.6#

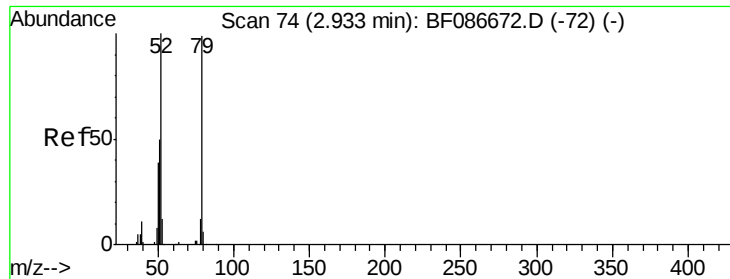


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

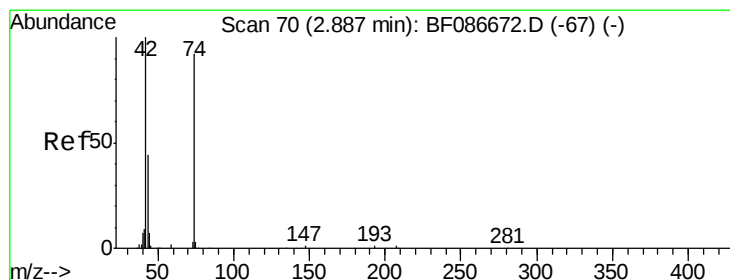
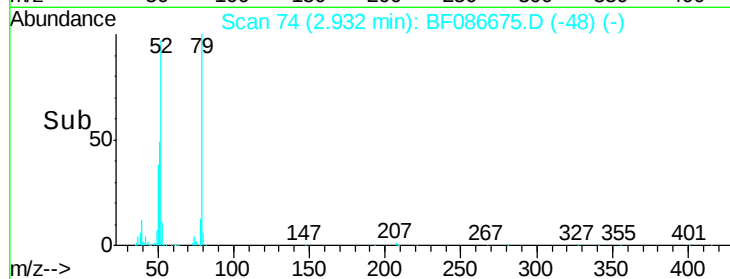
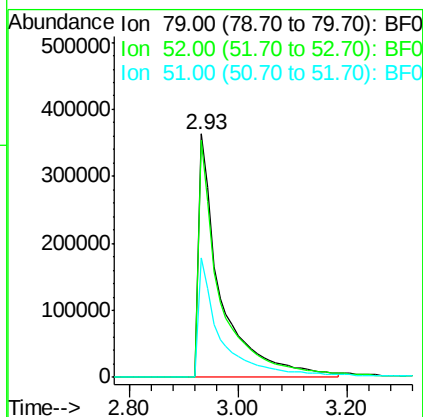
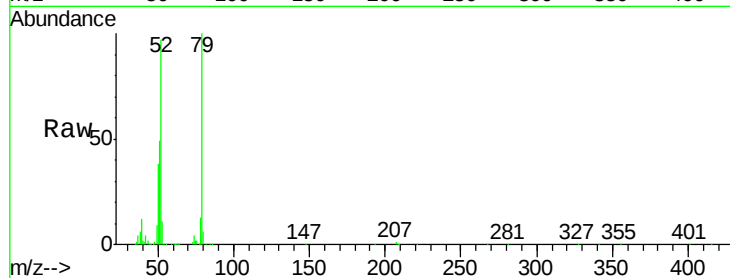




#3
 Pvridine
 Concen: 84.04 ng
 RT: 2.93 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

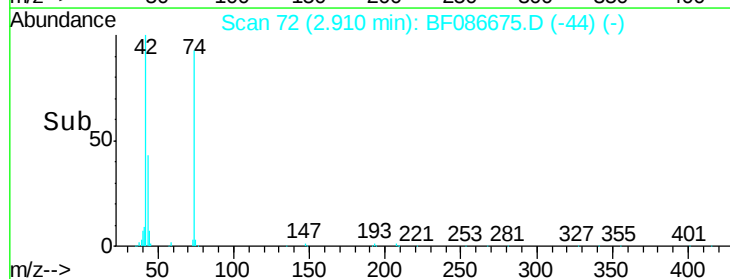
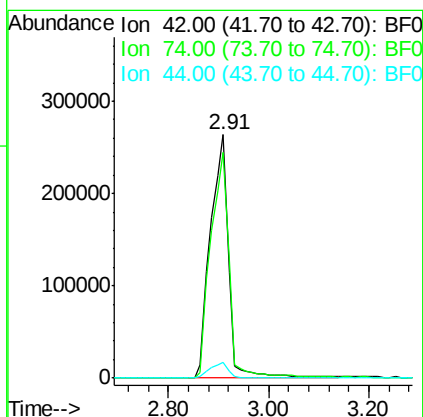
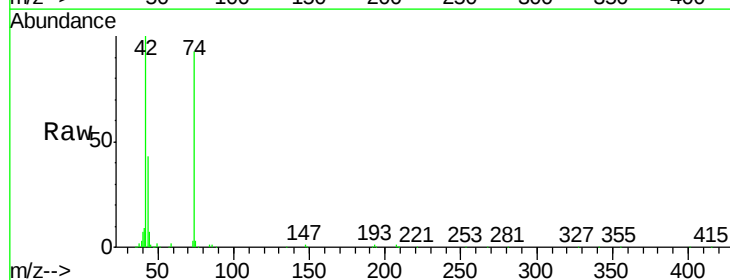
Instrument :
 BNA_F
 ClientSampled :

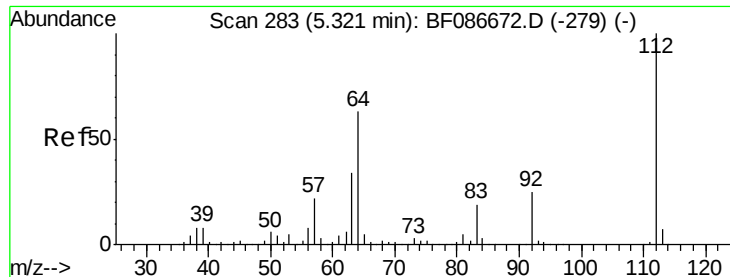
Tot Ion: 79 Resp: 1021189
 Ion Ratio Lower Upper
 79 100
 52 97.3 55.9 83.9#
 51 49.1 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 96.76 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.02 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion: 42 Resp: 670099
 Ion Ratio Lower Upper
 42 100
 74 92.9 123.4 185.0#
 44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 164.80 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampled :

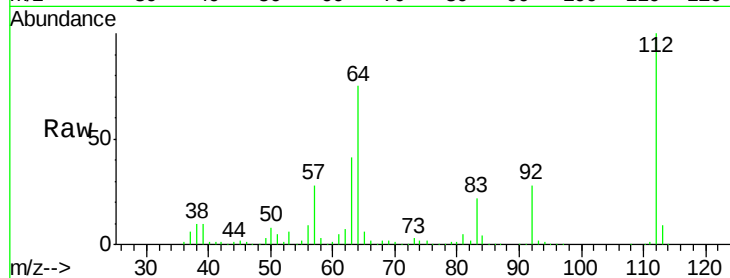
Tot Ion:112 Resp: 1610636

Ion Ratio Lower Upper

112 100

64 75.2 52.1 78.1

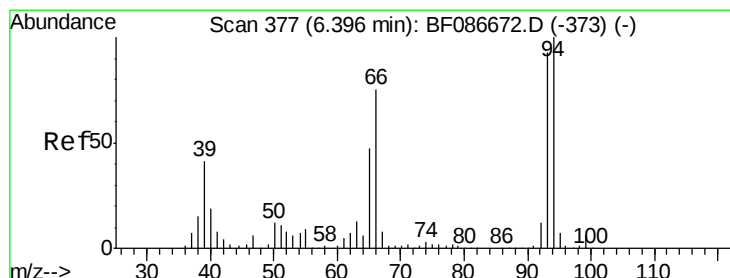
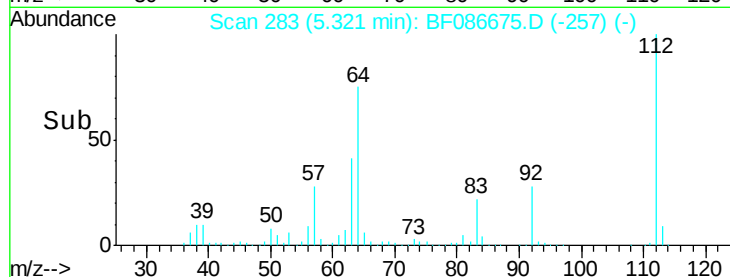
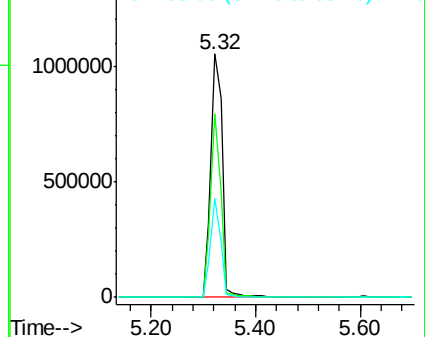
63 40.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 78.57 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.02 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

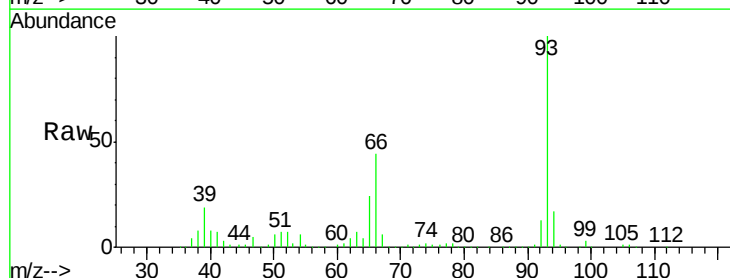
Tgt Ion: 93 Resp: 1296854

Ion Ratio Lower Upper

93 100

66 43.8 39.0 58.6

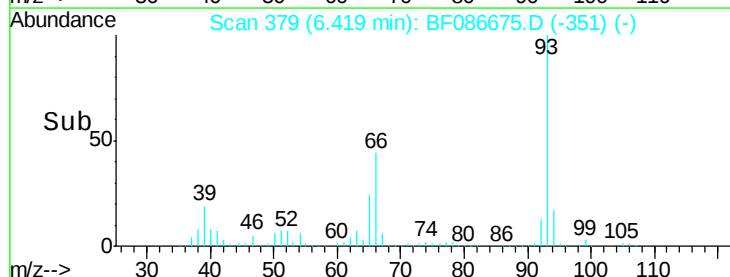
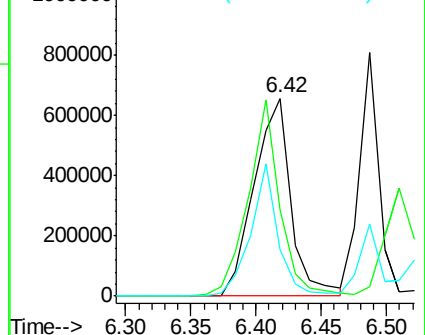
65 23.7 20.6 31.0

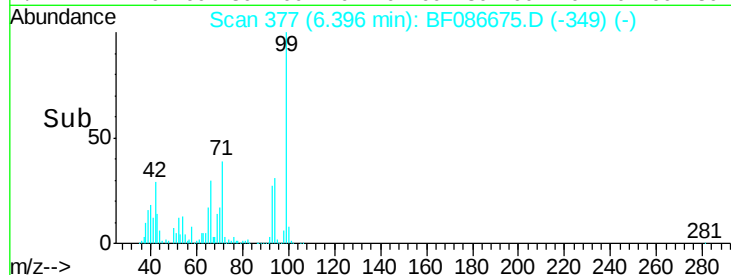
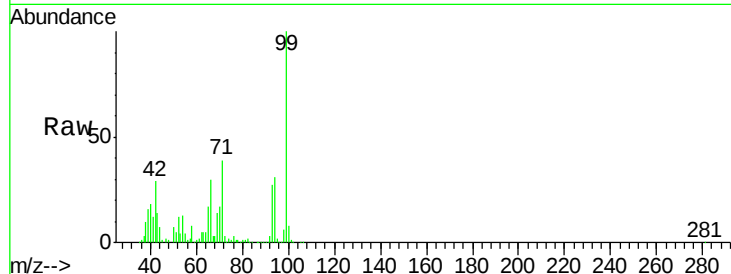
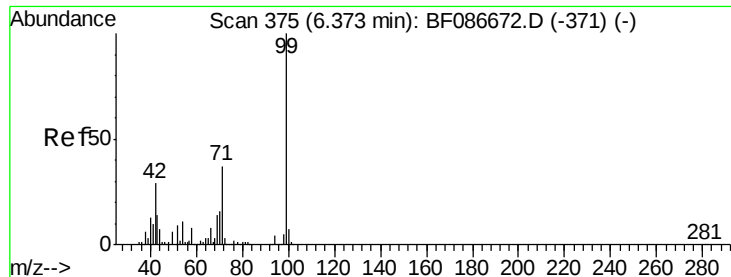


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.79 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.02 min

Lab File: BF086675.D

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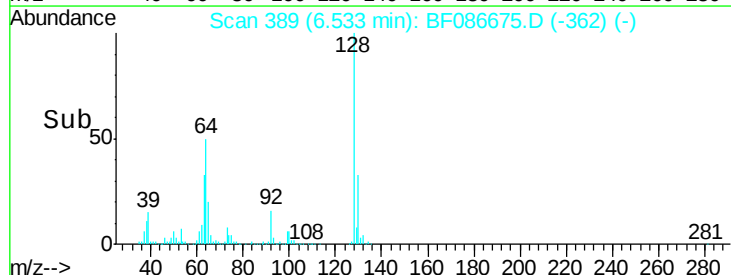
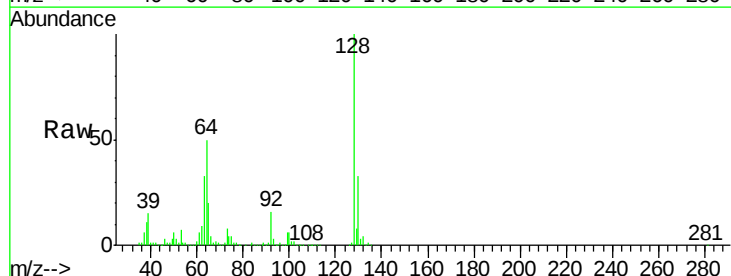
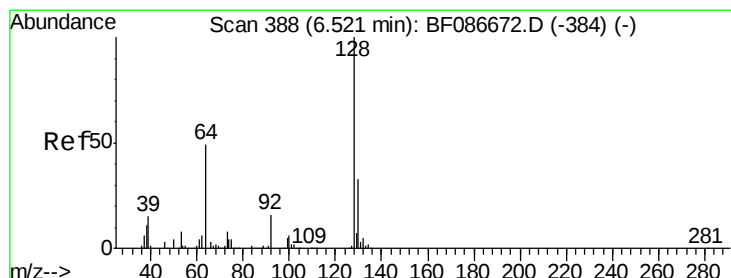
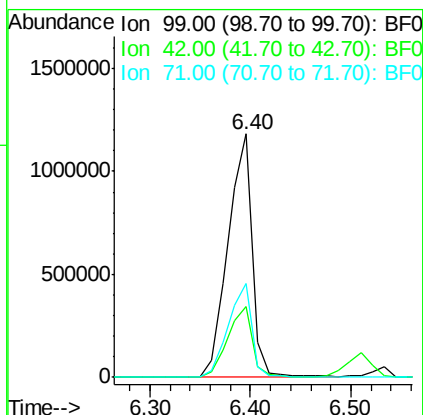
Tot Ion: 99 Resp: 1975108

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

71 38.8 24.6 36.8#



#8

2-Chlorophenol

Concen: 73.66 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

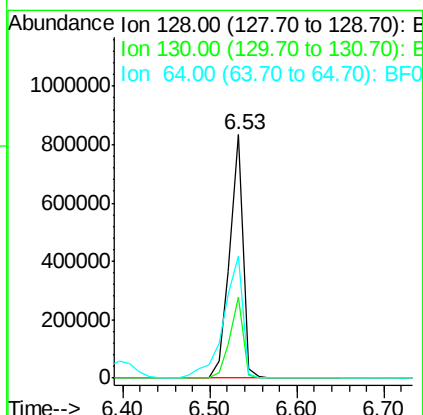
Tgt Ion: 128 Resp: 896717

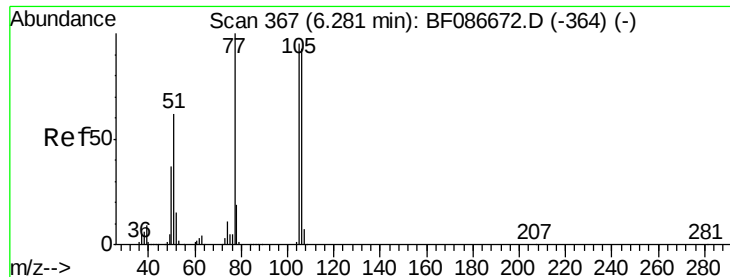
Ion Ratio Lower Upper

128 100

130 33.5 12.5 52.5

64 50.1 27.3 67.3





#9

Benzaldehyde

Concen: 52.13 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

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BNA_F

ClientSampleId :

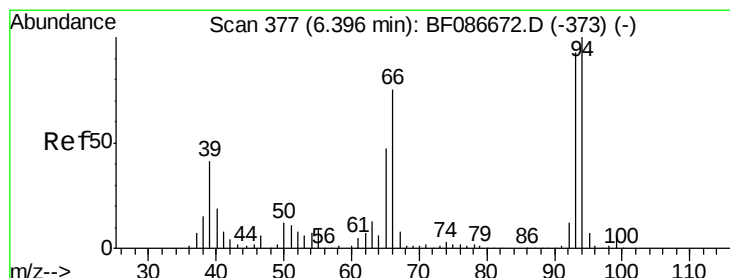
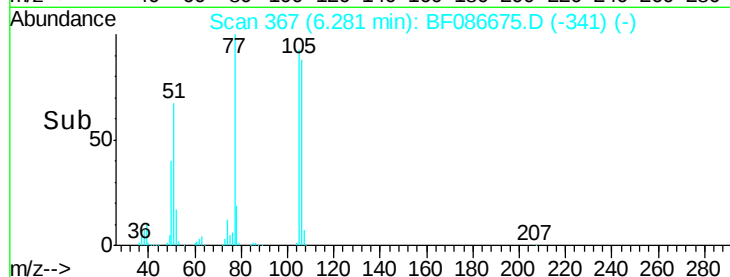
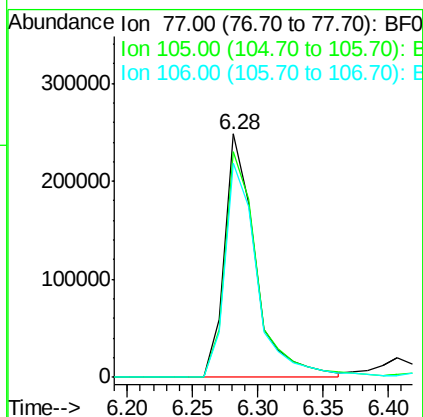
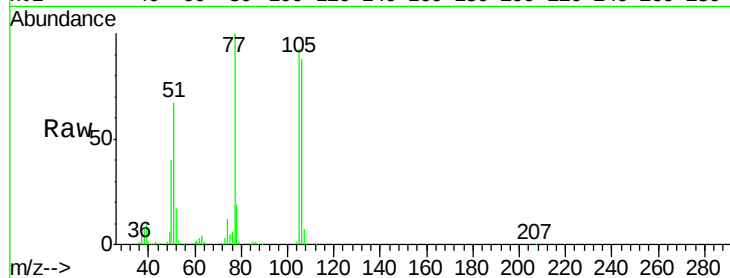
Tot Ion: 77 Resp: 413725

Ion Ratio Lower Upper

77 100

105 92.5 72.7 112.7

106 87.9 70.8 110.8



#10

Phenol

Concen: 73.65 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

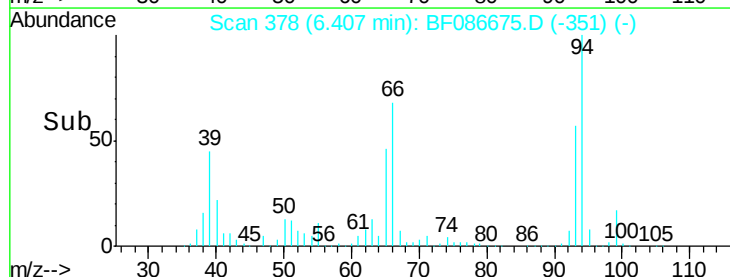
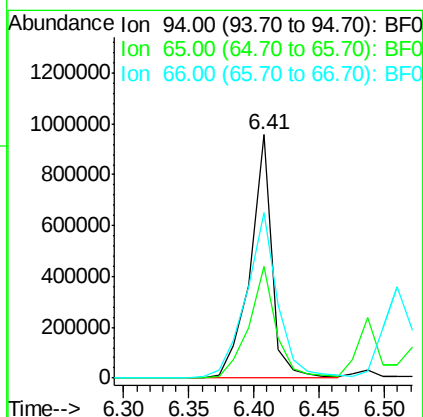
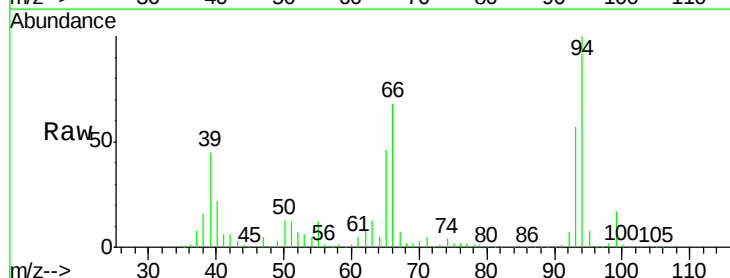
Tgt Ion: 94 Resp: 1120871

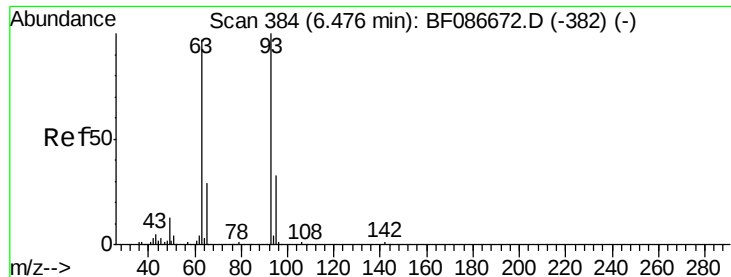
Ion Ratio Lower Upper

94 100

65 45.9 7.2 47.2

66 68.1 14.9 54.9#

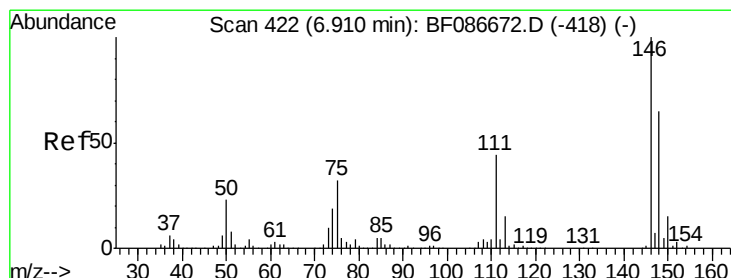
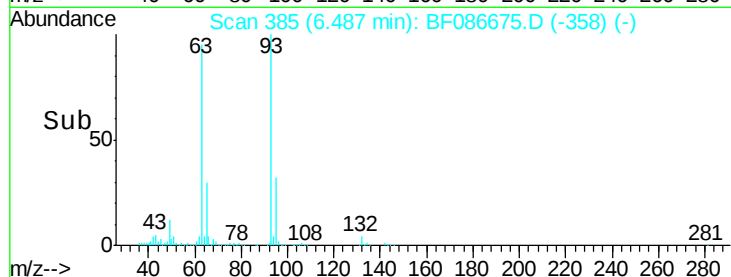
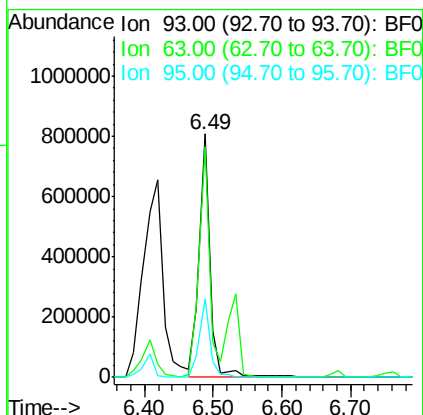
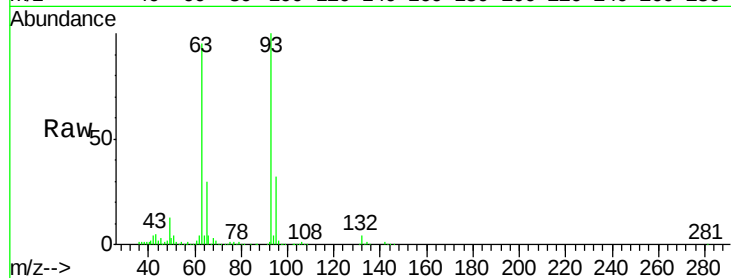




#11
bis(2-Chloroethyl)ether
Concen: 66.02 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

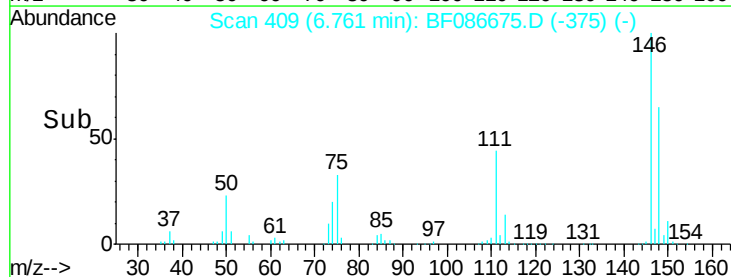
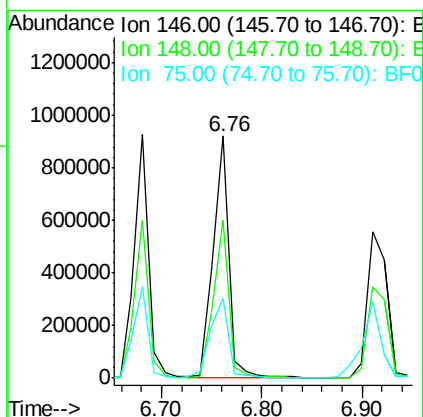
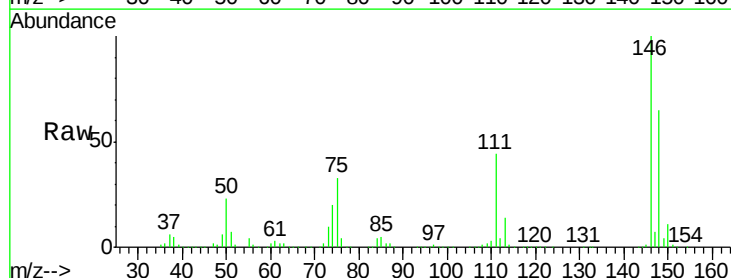
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 868546
Ion Ratio Lower Upper
93 100
63 94.7 58.0 98.0
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 75.78 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.09 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion: 146 Resp: 992305
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
75 32.8 22.8 34.2

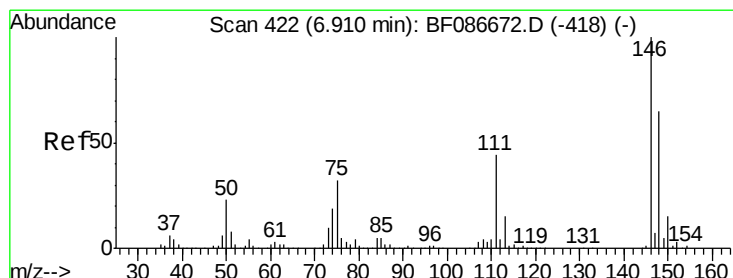
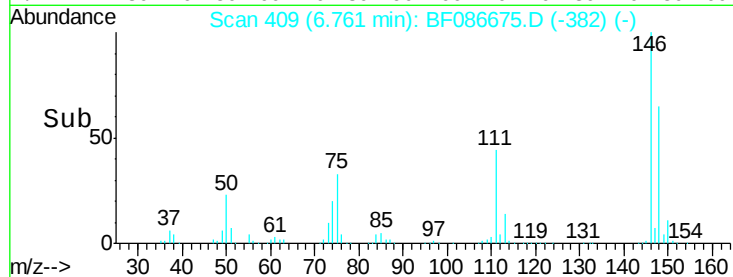
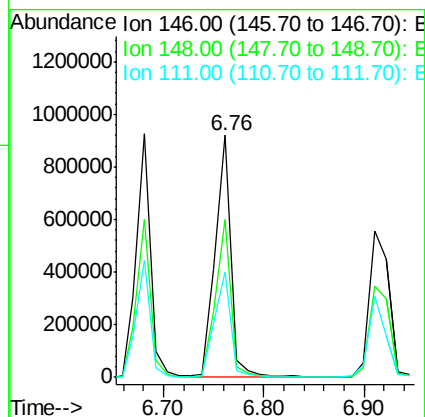
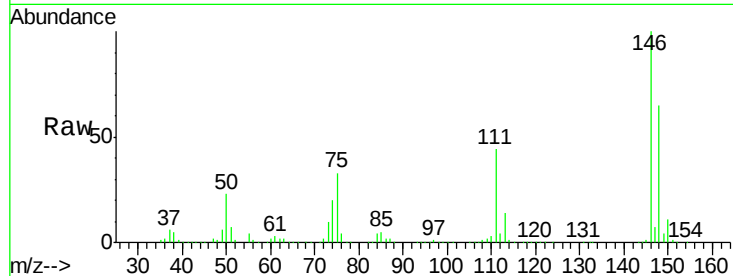




#13
 1,4-Dichlorobenzene
 Concen: 74.30 ng
 RT: 6.76 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

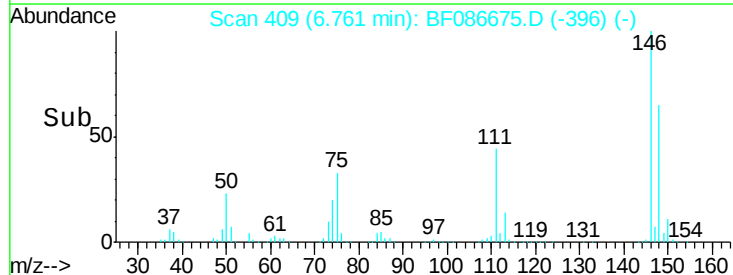
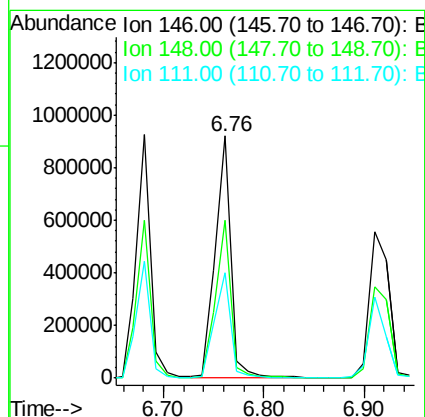
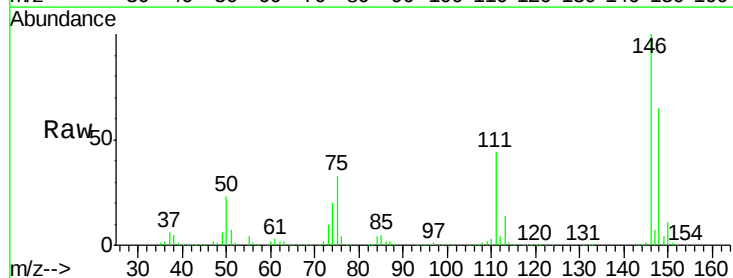
Instrument :
 BNA_F
 ClientSampleId :

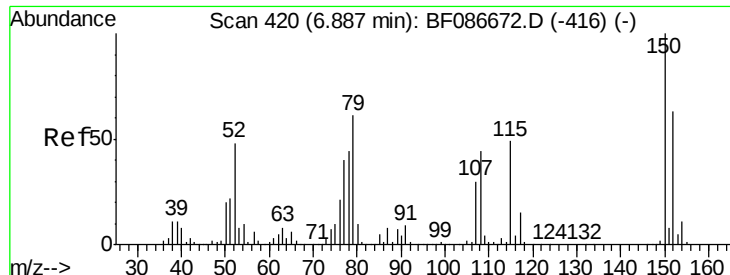
Tot Ion:146 Resp: 1003845
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.4
 111 43.5 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 81.48 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.15 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:146 Resp: 1009480
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.0 76.6
 111 43.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 77.13 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

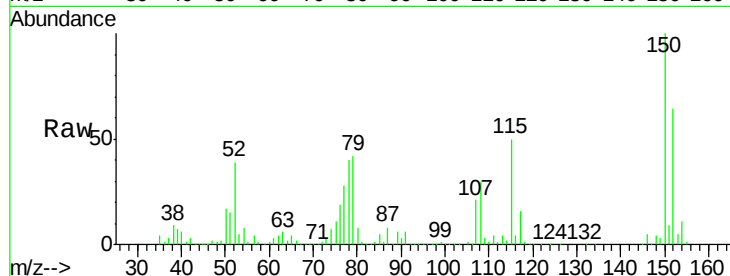
Tot Ion: 79 Resp: 665629

Ion Ratio Lower Upper

79 100

108 71.0 68.4 102.6

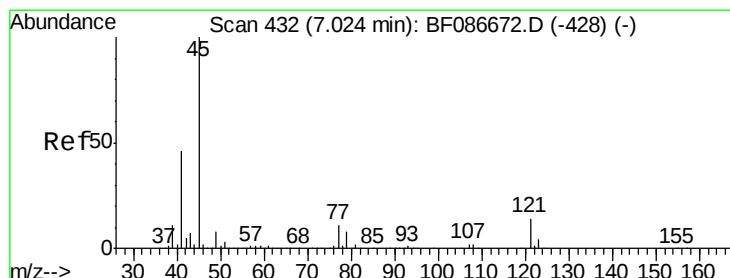
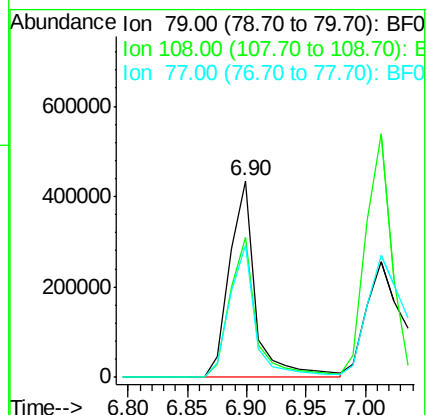
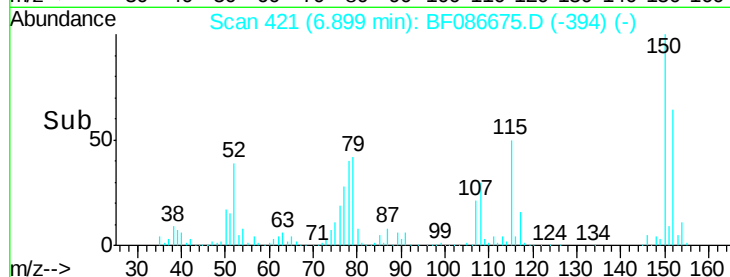
77 67.0 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.03 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

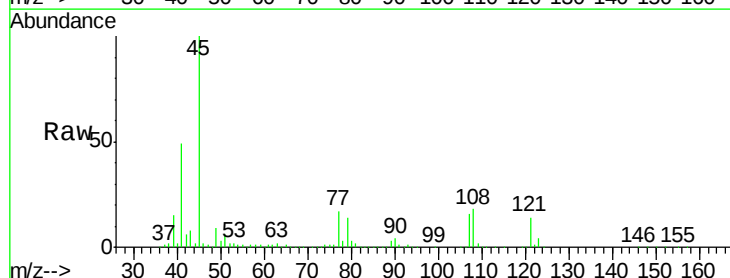
Tgt Ion: 45 Resp: 1896836

Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

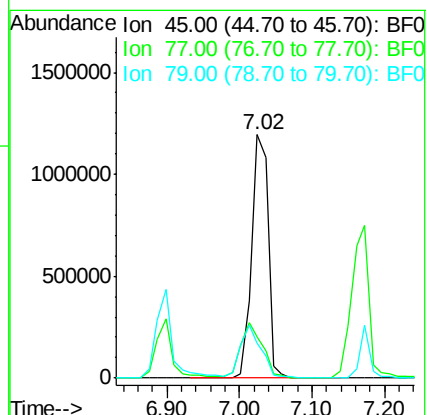
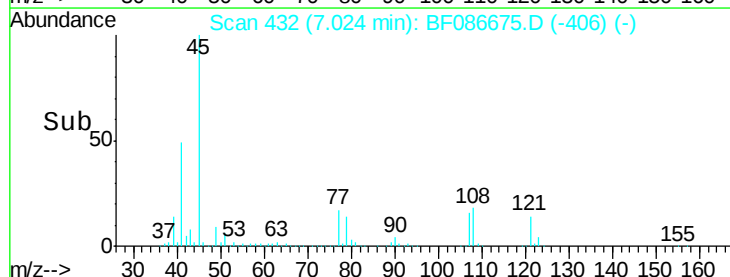
79 14.1 0.0 33.4

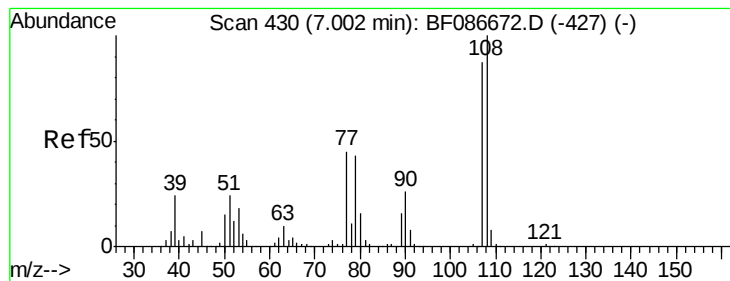


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

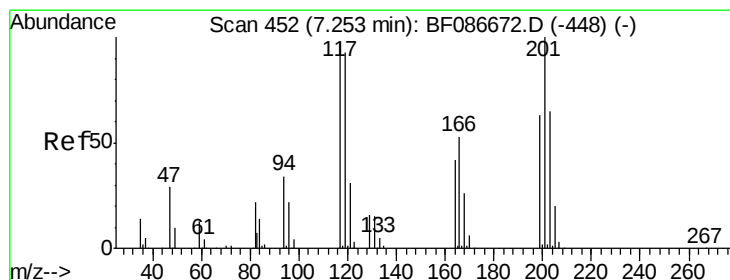
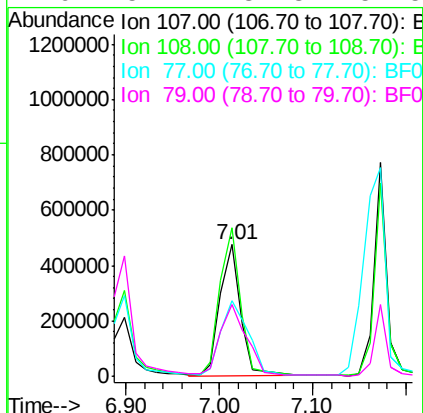
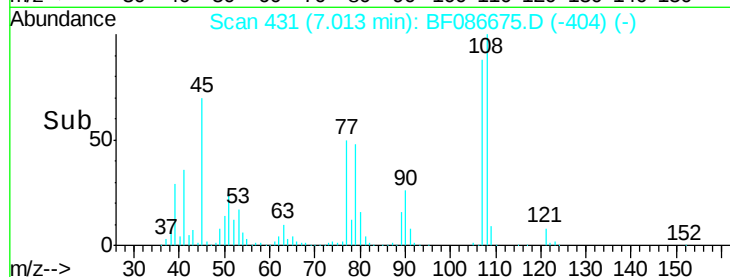
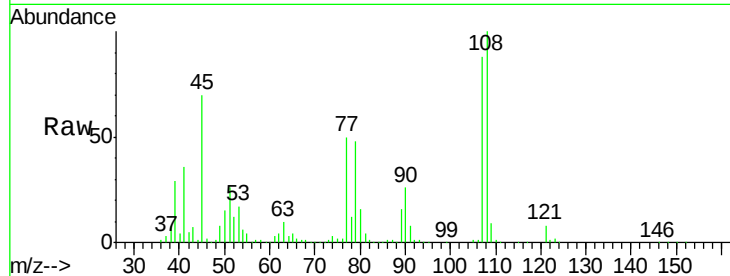




#17
2-Methylphenol
Concen: 73.89 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

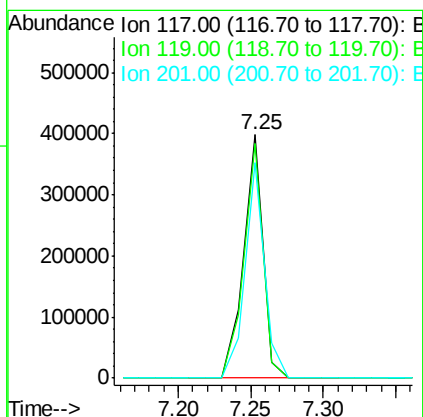
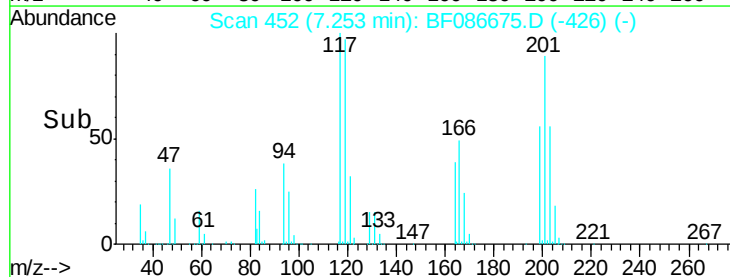
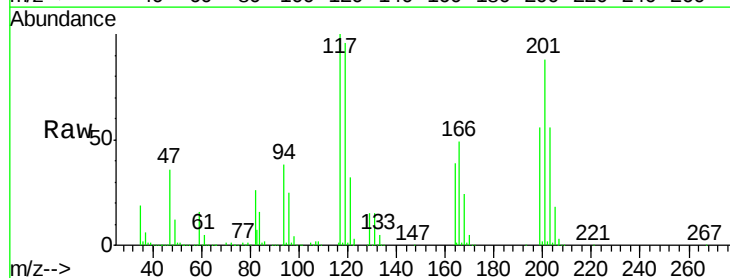
Instrument :
BNA_F
ClientSampled :

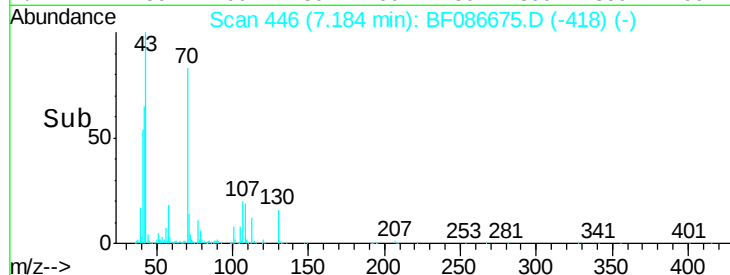
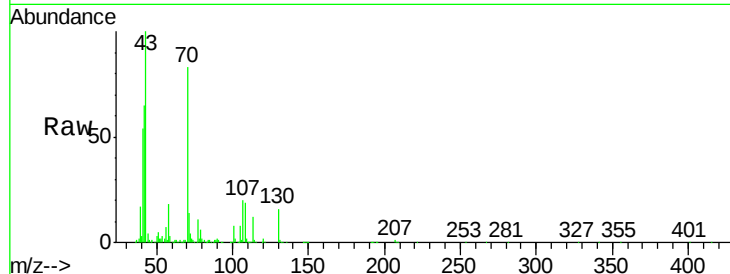
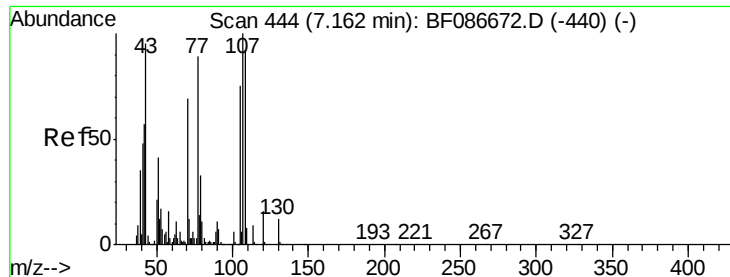
Tot Ion:107 Resp: 726996
Ion Ratio Lower Upper
107 100
108 113.4 93.7 140.5
77 57.0 33.4 50.0#
79 54.1 34.3 51.5#



#18
Hexachloroethane
Concen: 73.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:117 Resp: 369223
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 88.5 63.0 94.6

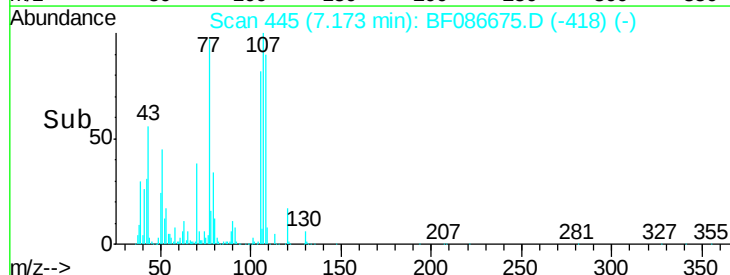
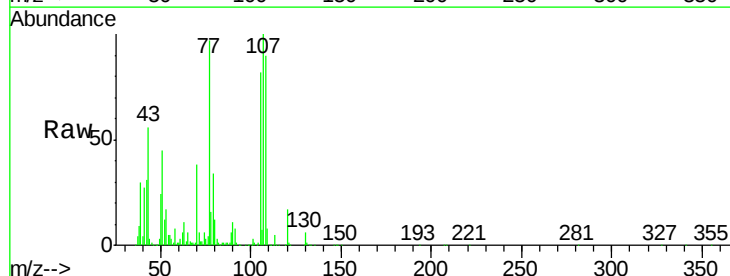
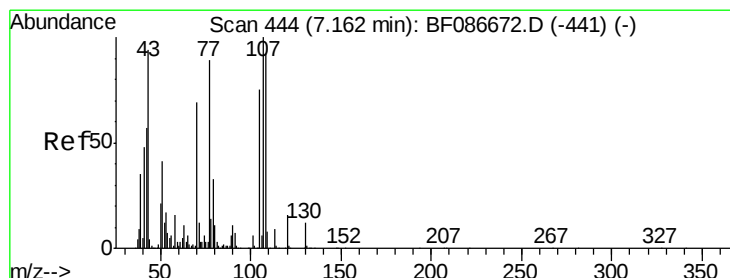
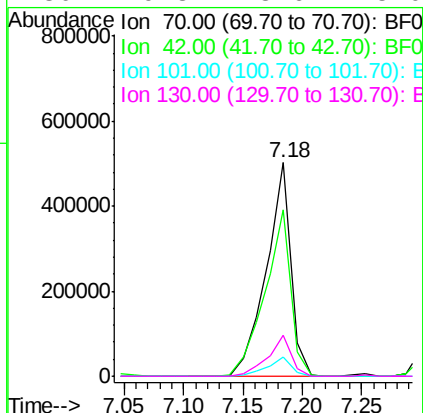




#19
n-Nitroso-di-n-propylamine
Concen: 80.72 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

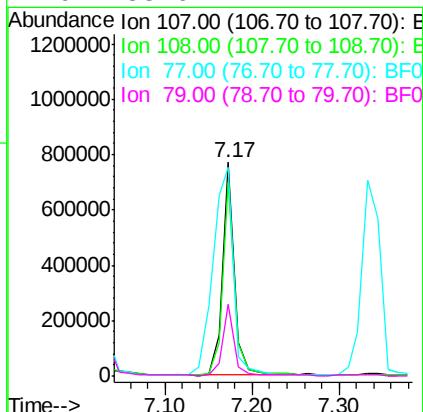
Instrument :
BNA_F
ClientSampleId :

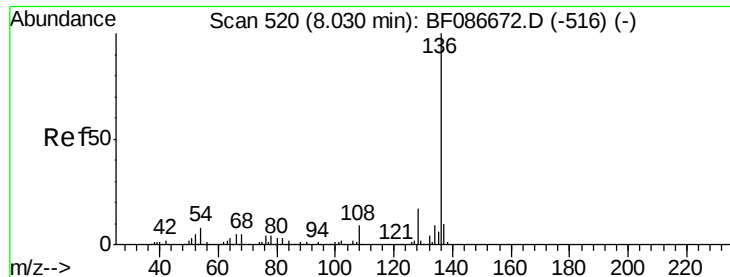
Tot Ion:	70	Resp:	727813
Ion	Ratio	Lower	Upper
70	100		
42	77.8	43.1	64.7#
101	9.0	8.1	12.1
130	19.3	18.6	28.0



#20
3+4-Methylphenols
Concen: 67.31 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:	107	Resp:	756154
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.5	108.5
77	97.5	101.6	141.6#
79	33.6	7.4	47.4

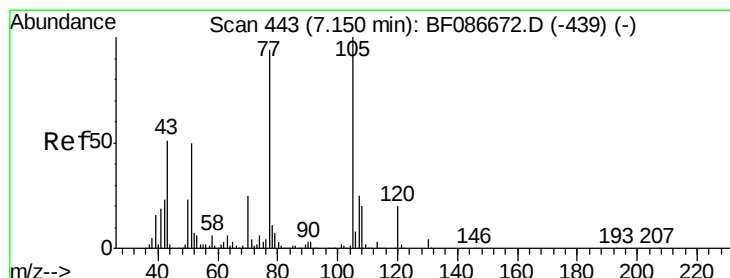
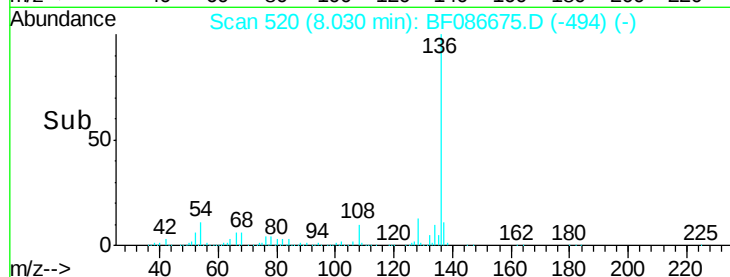
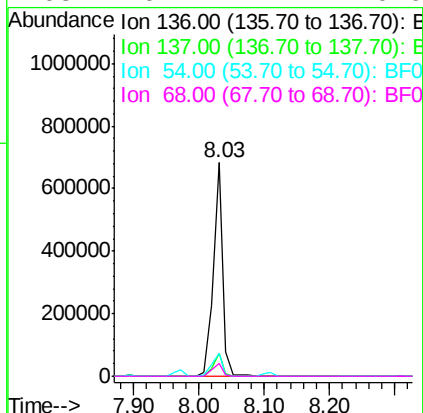
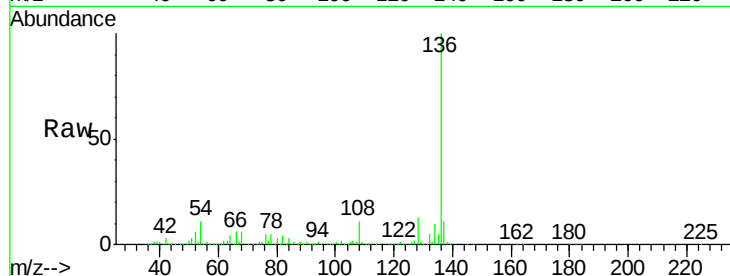




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

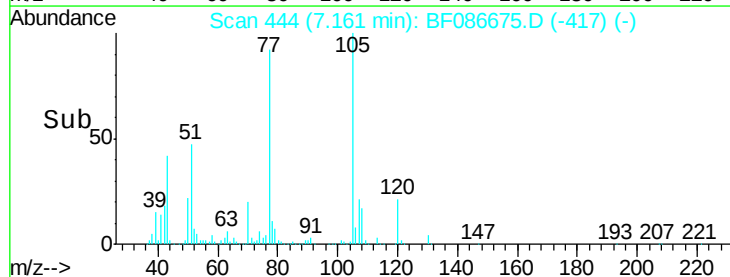
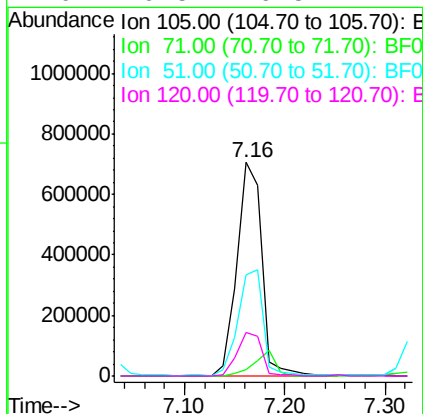
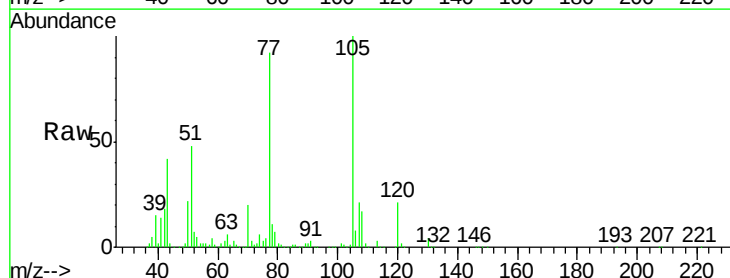
Instrument :
BNA_F
ClientSampled :

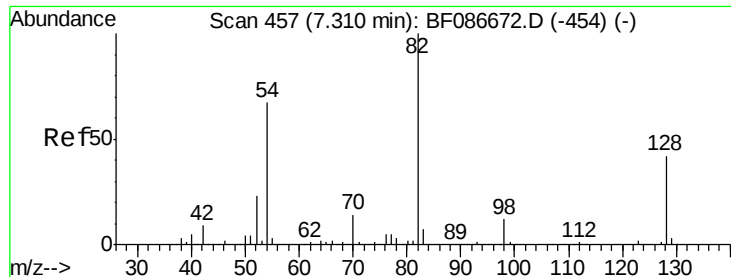
Tot Ion:136	Resp:	700759
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	10.9	5.0 7.4#
68	6.2	4.4 6.6



#22
Acetophenone
Concen: 78.71 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:105	Resp:	1209493
Ion	Ratio	Lower Upper
105	100	
71	3.3	4.8 7.2#
51	47.5	32.6 49.0
120	20.5	16.5 24.7

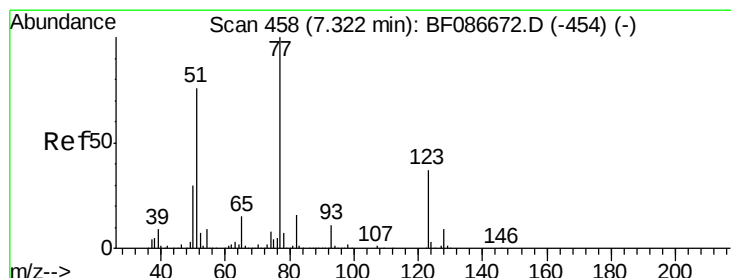
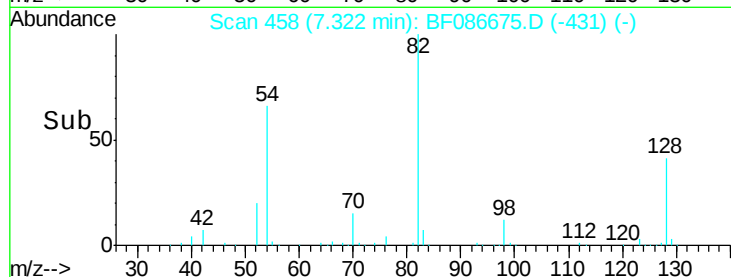
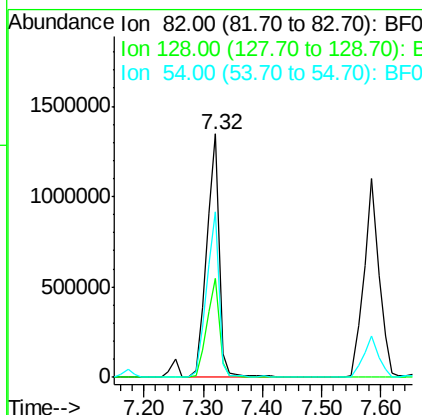
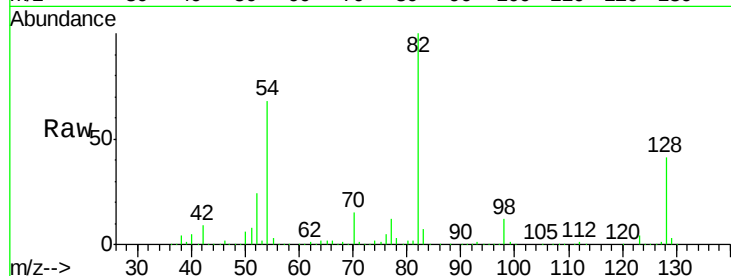




#23
Nitrobenzene-d5
Concen: 153.46 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

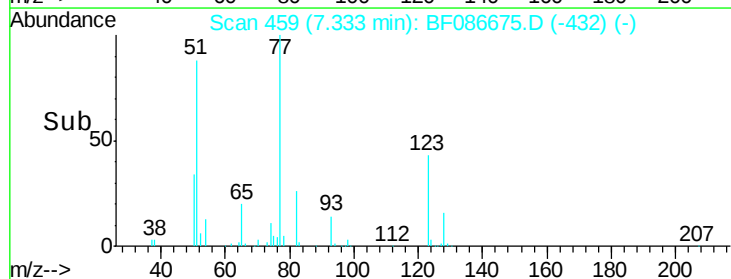
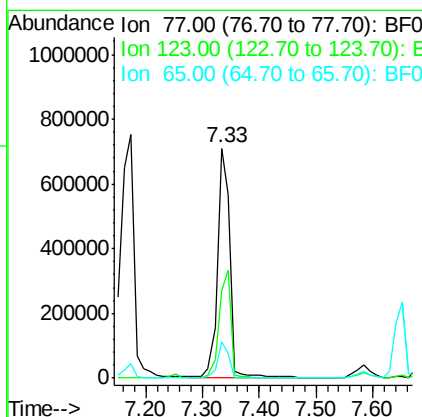
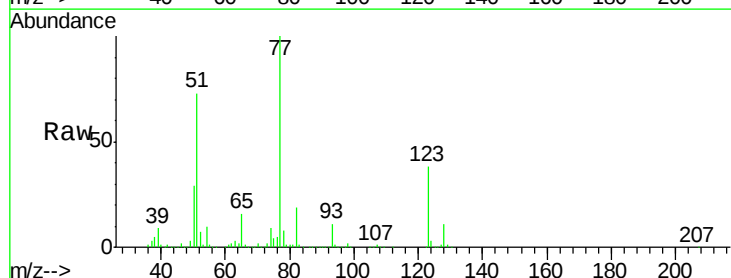
Instrument :
BNA_F
ClientSampleId :

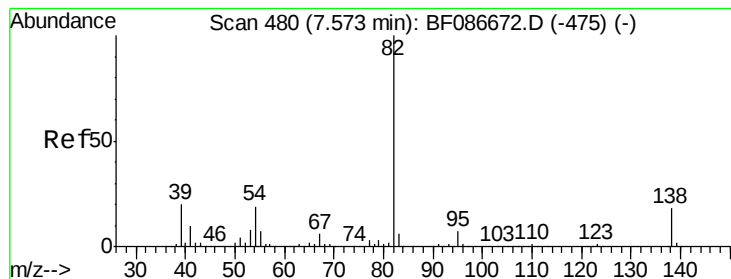
Tot Ion: 82 Resp: 1995046
Ion Ratio Lower Upper
82 100
128 40.6 40.6 61.0#
54 68.2 38.1 57.1#



#24
Nitrobenzene
Concen: 78.25 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion: 77 Resp: 1046491
Ion Ratio Lower Upper
77 100
123 37.9 33.0 49.4
65 15.5 10.8 16.2





#25

Isophorone

Concen: 78.25 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampled :

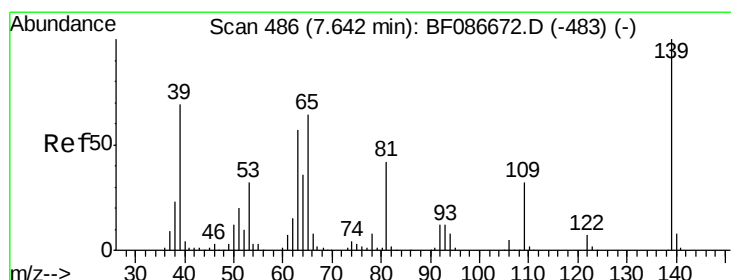
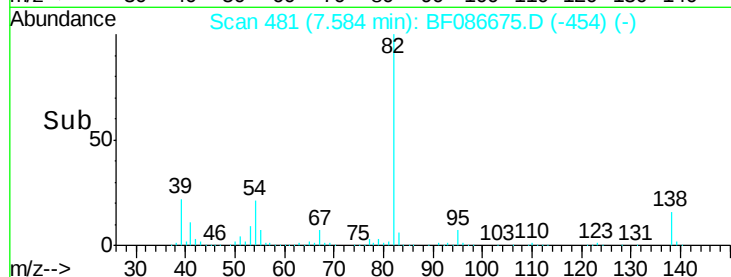
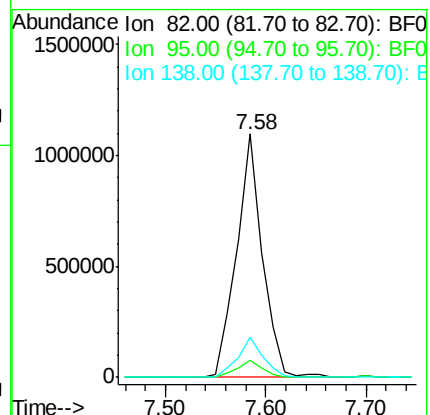
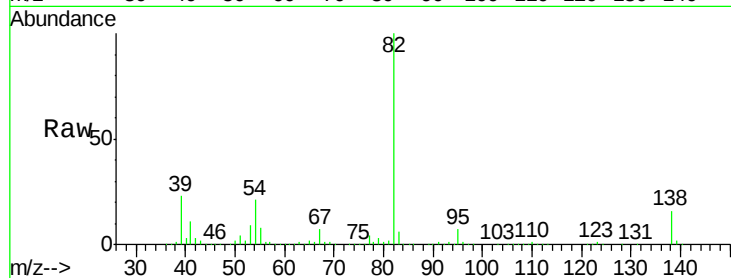
Tot Ion: 82 Resp: 1957844

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 16.3 12.4 18.6



#26

2-Nitrophenol

Concen: 87.13 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

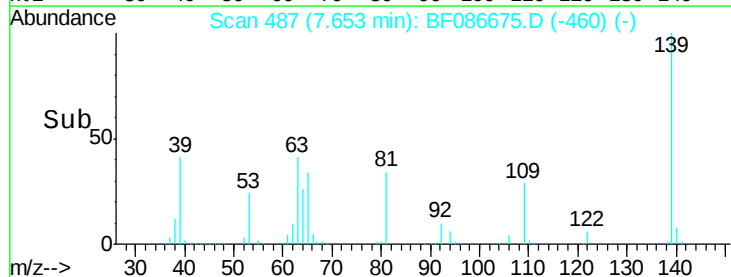
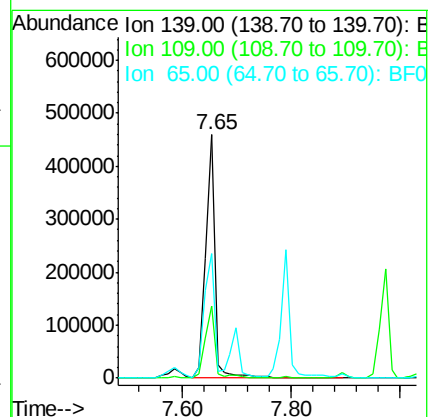
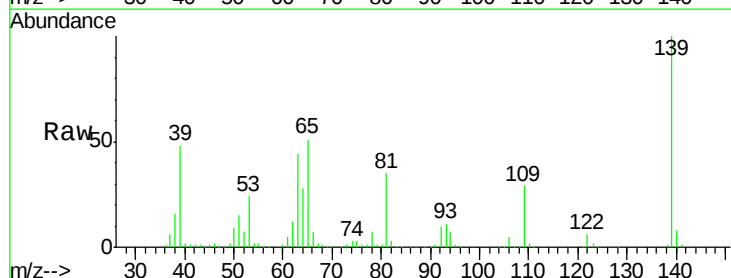
Tgt Ion: 139 Resp: 536496

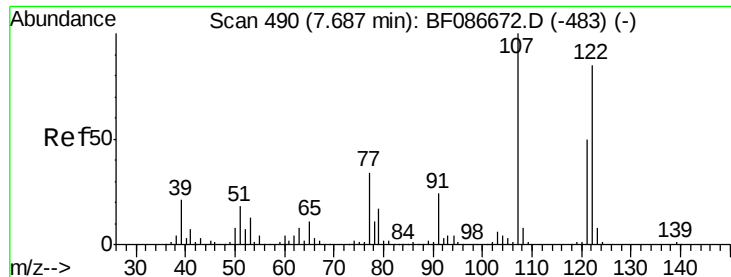
Ion Ratio Lower Upper

139 100

109 29.4 19.5 29.3#

65 50.9 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 76.44 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampled :

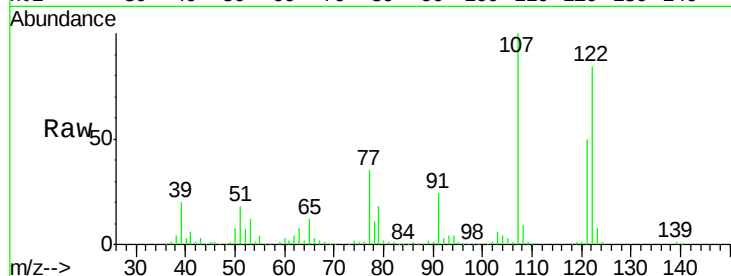
Tot Ion:122 Resp: 825829

Ion Ratio Lower Upper

122 100

107 118.4 82.0 123.0

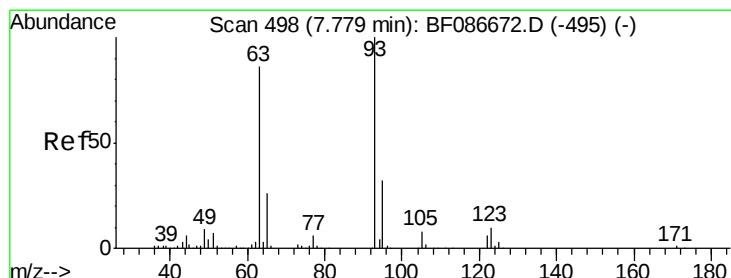
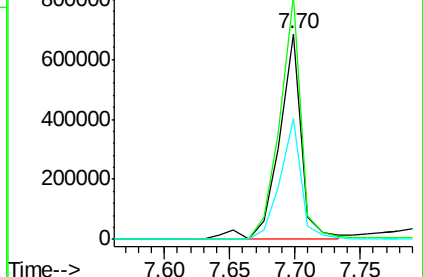
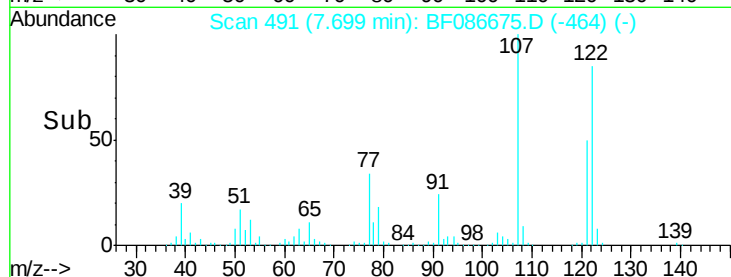
121 58.7 46.1 69.1



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: 73.97 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

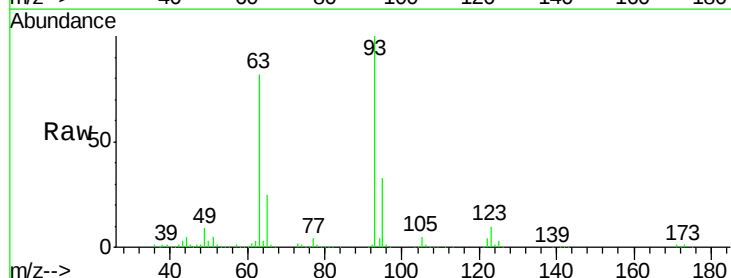
Tgt Ion: 93 Resp: 1008300

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

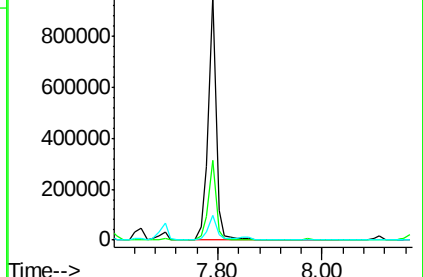
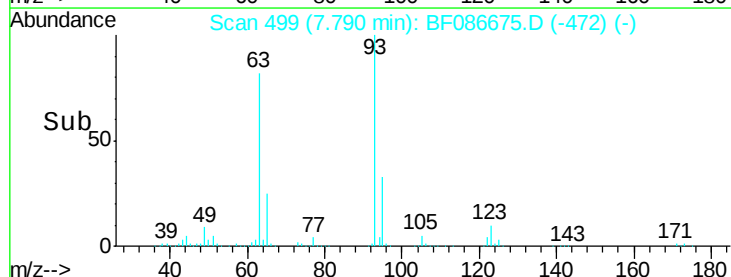
123 10.3 9.5 14.3

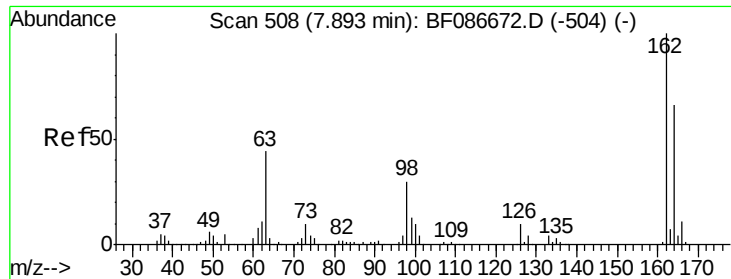


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

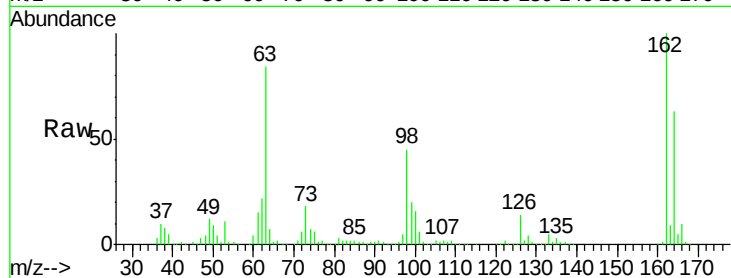




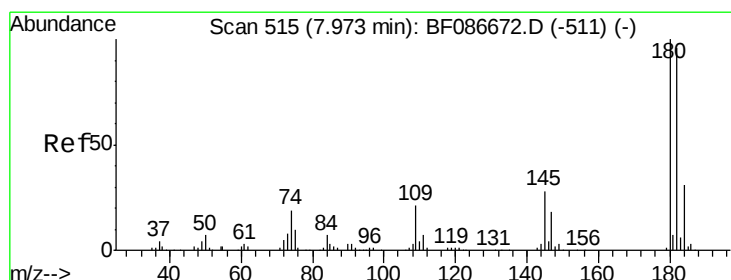
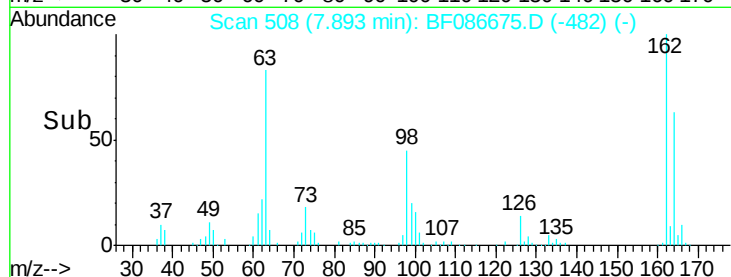
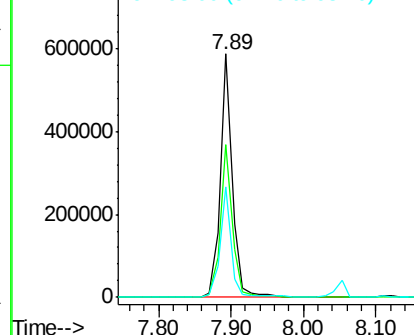
#29
 2,4-Dichlorophenol
 Concen: 74.73 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.2	82.2
98	45.4	19.0	59.0

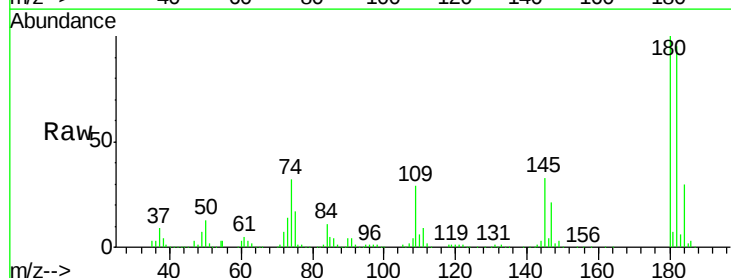


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

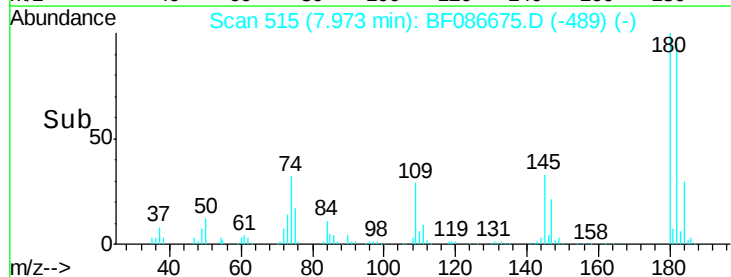
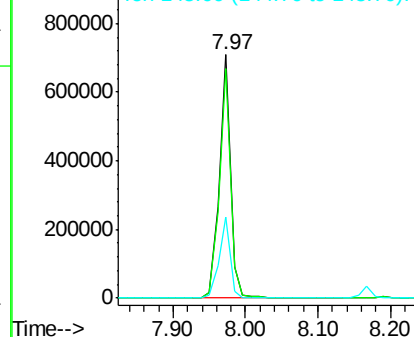


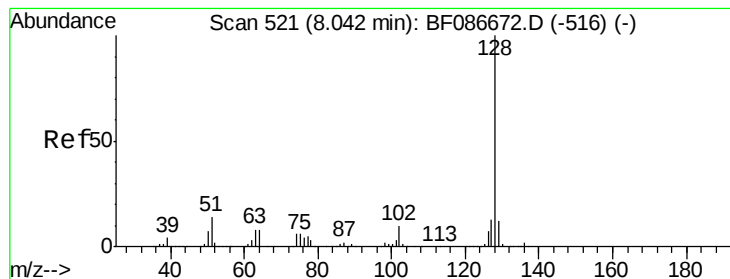
#30
 1,2,4-Trichlorobenzene
 Concen: 71.76 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.0	117.0
145	33.2	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: 67.12 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

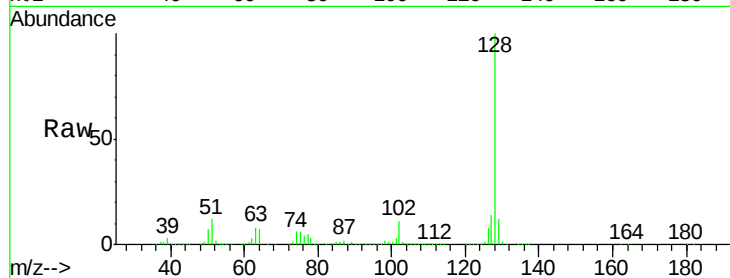
Tot Ion:128 Resp: 2393218

Ion Ratio Lower Upper

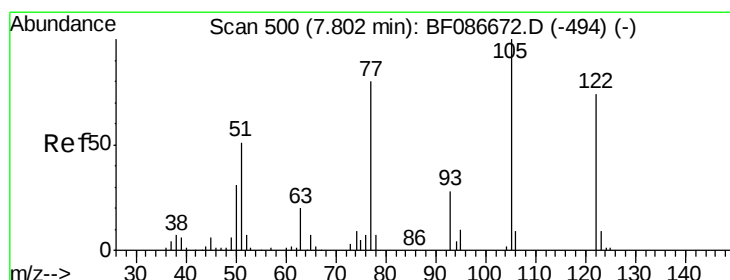
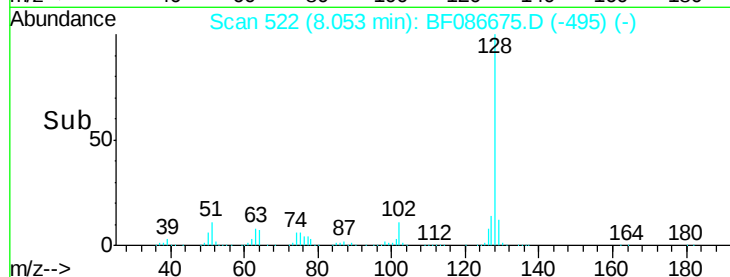
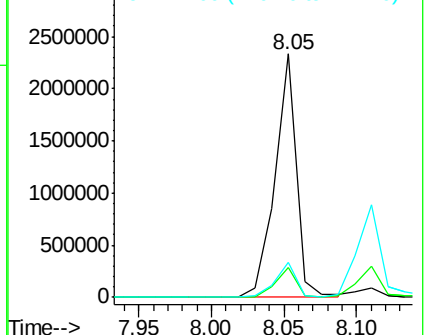
128 100

129 12.1 8.6 13.0

127 14.5 10.8 16.2



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



#32

Benzoic acid

Concen: 76.93 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.06 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

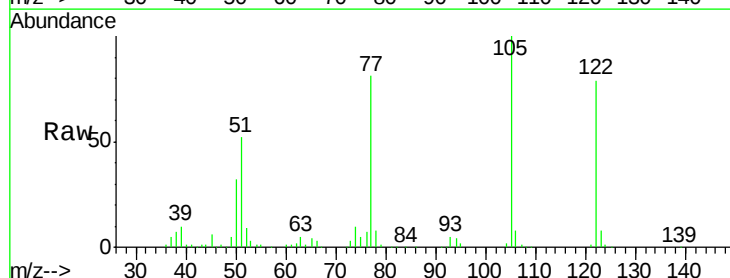
Tgt Ion:122 Resp: 431026

Ion Ratio Lower Upper

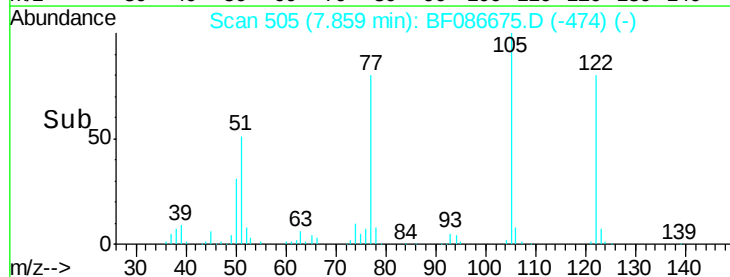
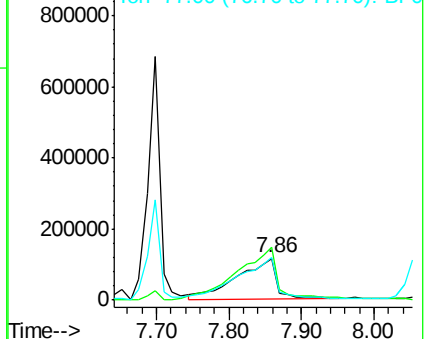
122 100

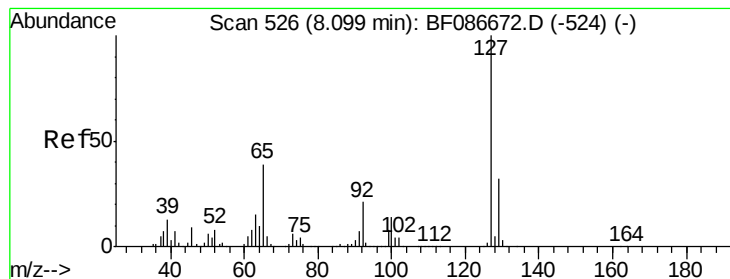
105 126.2 92.6 132.6

77 102.8 60.0 100.0#



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





#33

4-Chloroaniline

Concen: 82.29 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1098856

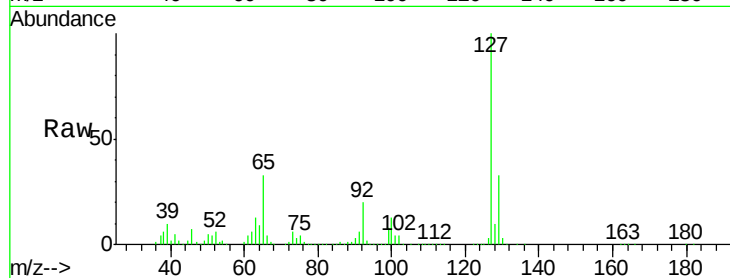
Ion Ratio Lower Upper

127 100

129 33.4 26.2 39.4

65 32.9 23.0 34.4

92 20.0 15.1 22.7

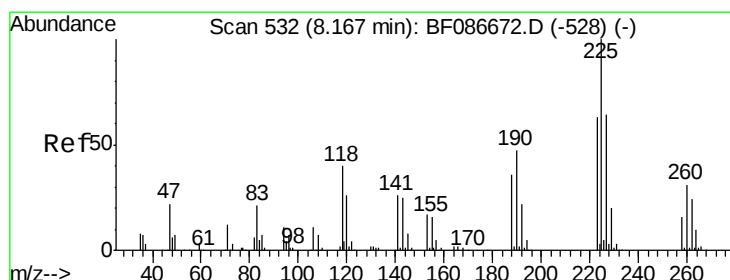
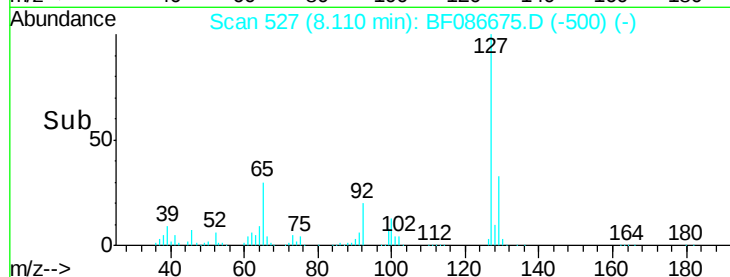
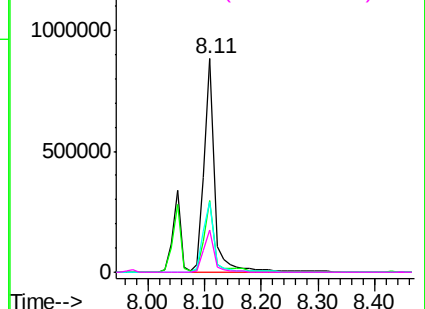


Abundance Ion 127.00 (126.70 to 127.70): E

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: 68.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

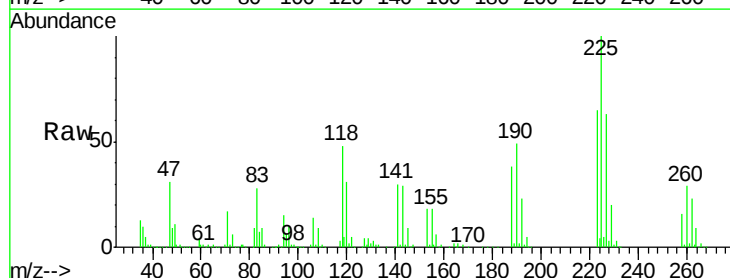
Tgt Ion:225 Resp: 403106

Ion Ratio Lower Upper

225 100

223 64.6 51.5 77.3

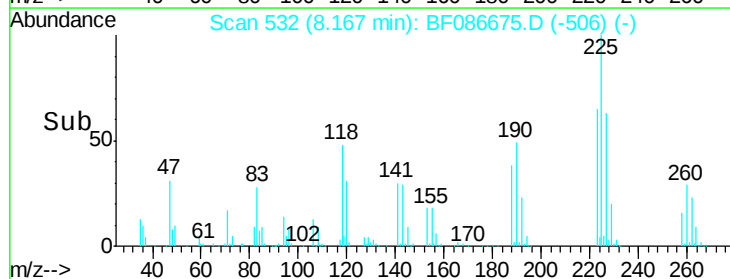
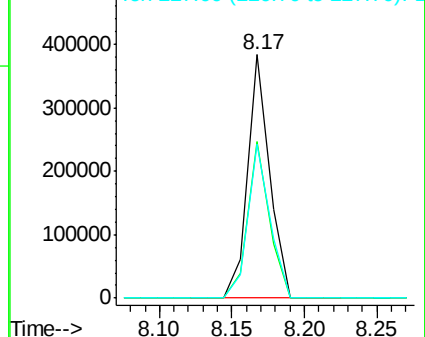
227 63.1 52.2 78.2

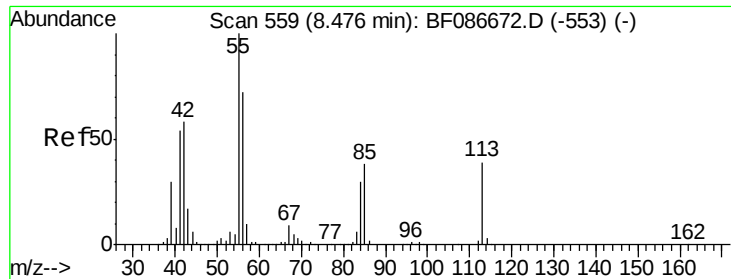


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 78.60 ng

RT: 8.51 min Scan# 562

Delta R.T. 0.03 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

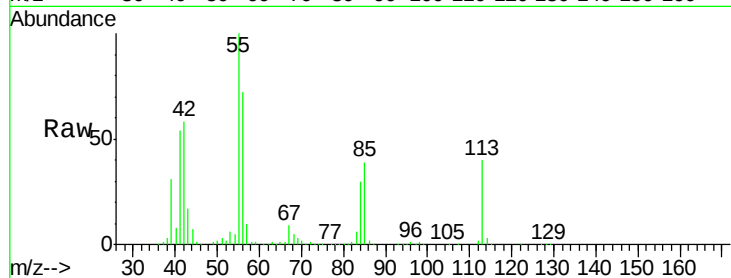
Tot Ion:113 Resp: 239035

Ion Ratio Lower Upper

113 100

55 247.9 162.0 202.0#

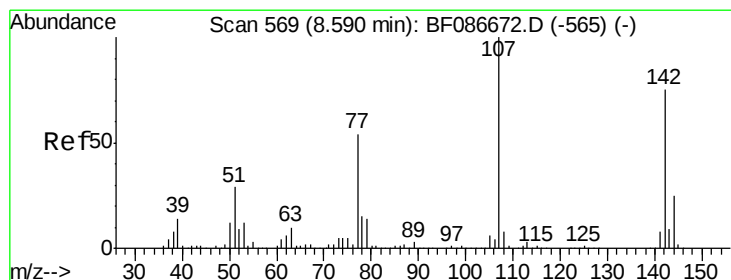
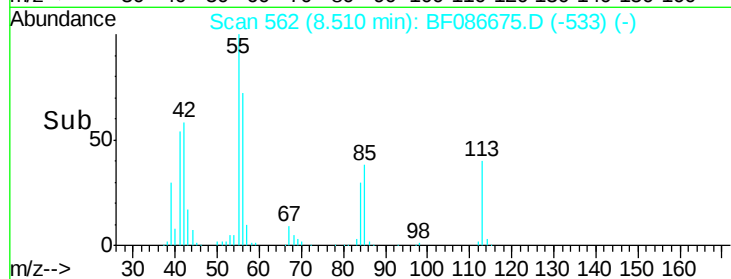
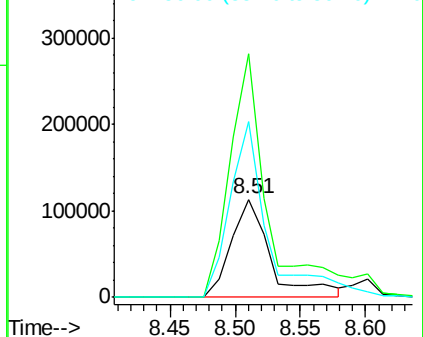
56 178.9 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 73.58 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

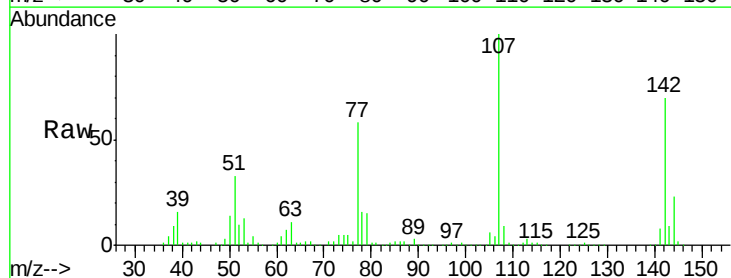
Tgt Ion:107 Resp: 767992

Ion Ratio Lower Upper

107 100

144 23.0 20.7 31.1

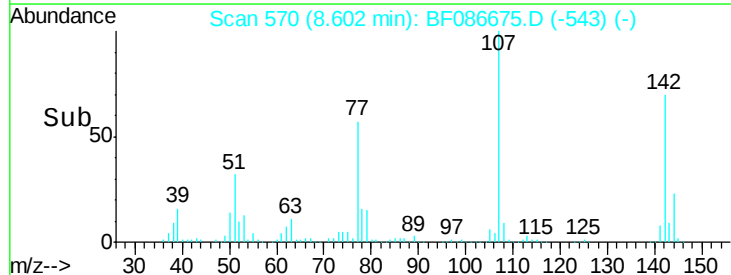
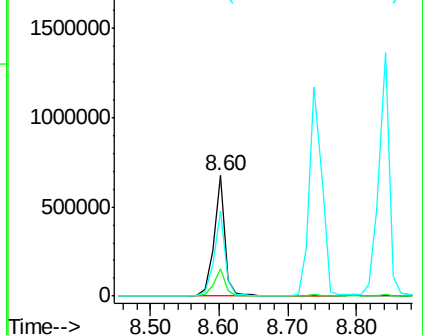
142 70.4 63.2 94.8

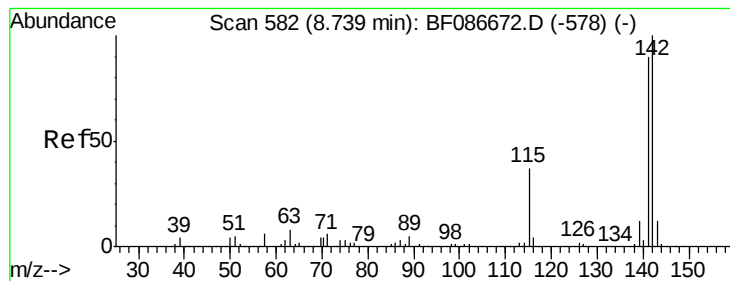


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 68.36 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

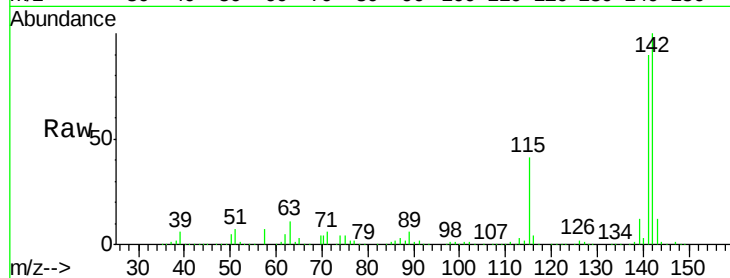
Tot Ion:142 Resp: 1438364

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

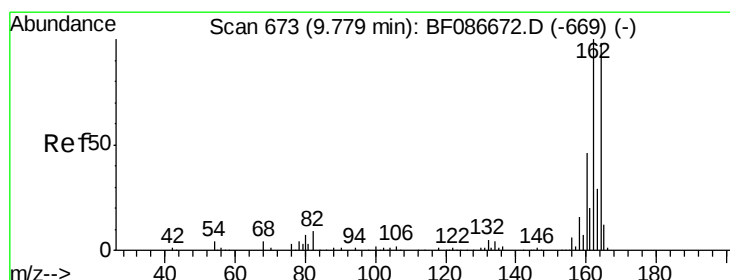
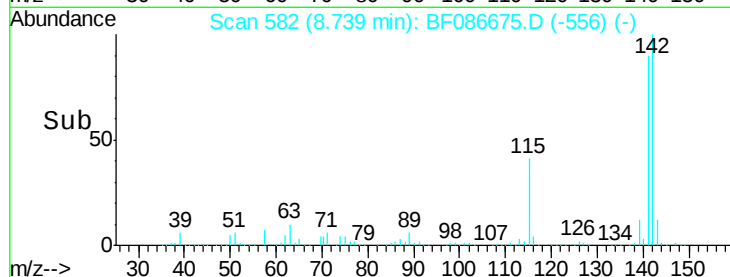
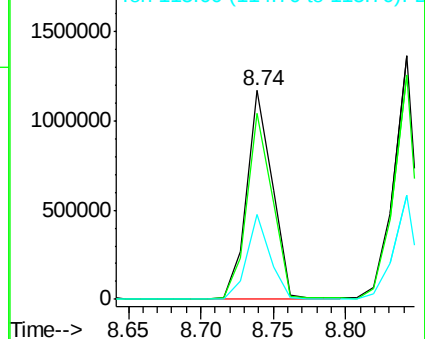
115 40.9 26.6 39.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

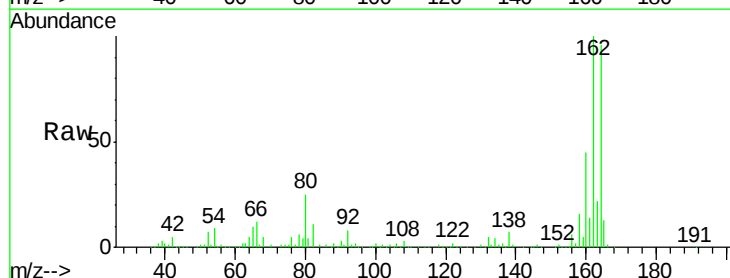
Tgt Ion:164 Resp: 331193

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

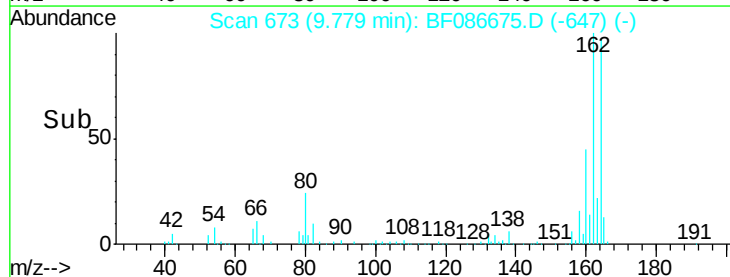
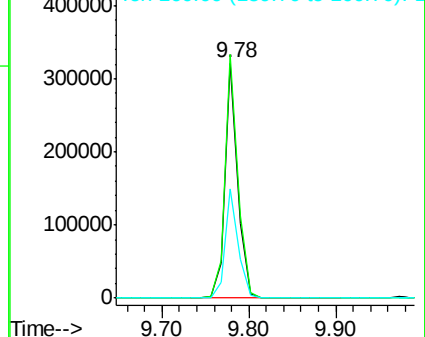
160 46.7 36.9 55.3

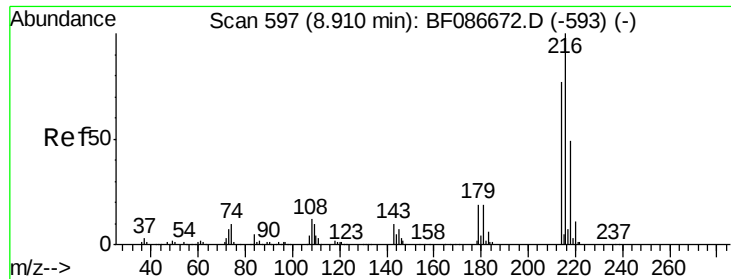


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

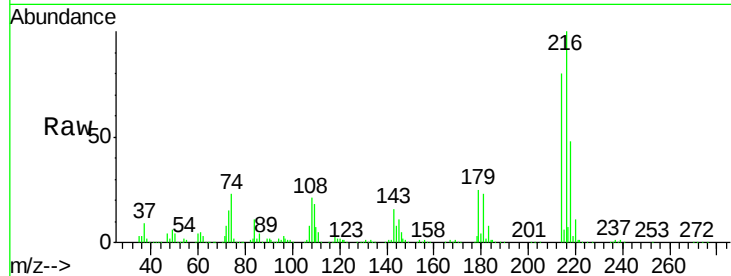




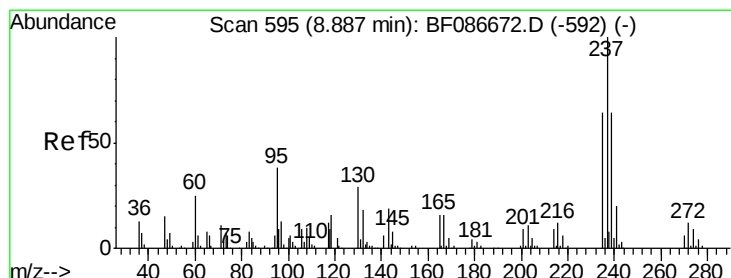
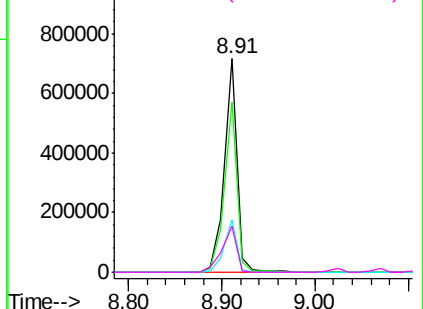
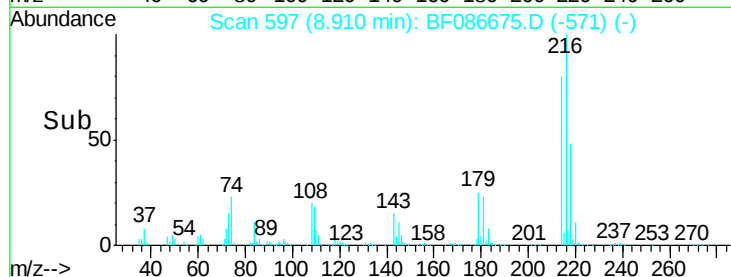
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 70.98 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	672914
Ion Ratio	Lower	Upper
216	100	
214	79.5	62.6 93.8
179	25.0	18.2 27.4
108	24.8	17.5 26.3

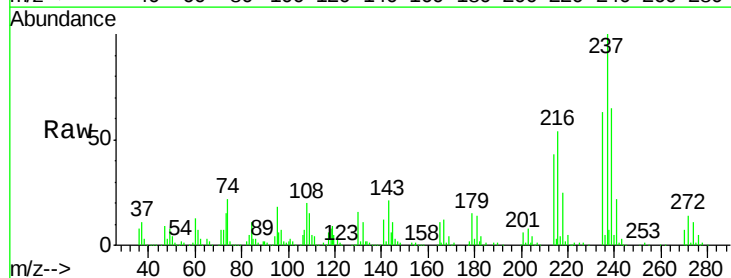


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

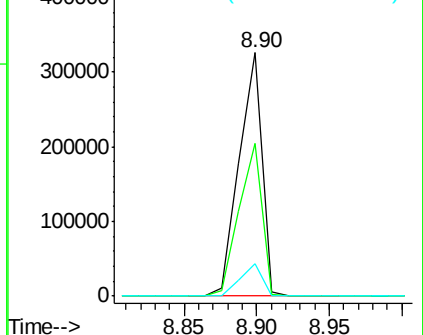
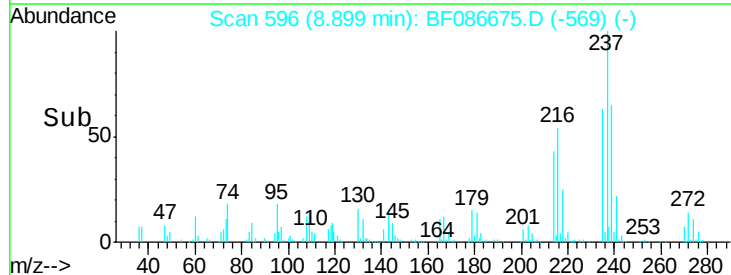


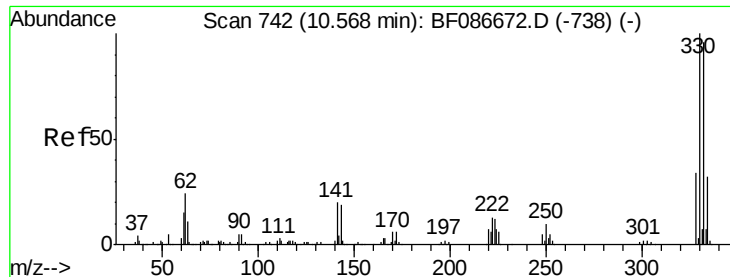
#40
 Hexachlorocyclopentadiene
 Concen: 75.87 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:237	Resp:	357439
Ion Ratio	Lower	Upper
237	100	
235	62.6	47.2 87.2
272	13.6	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

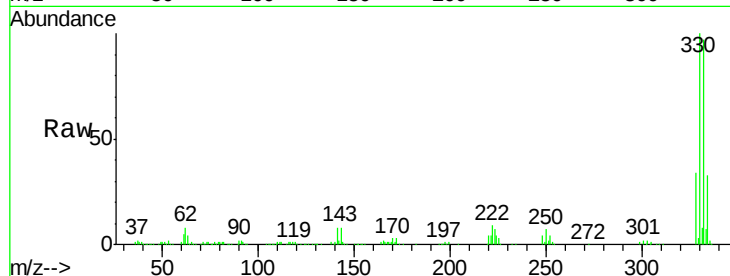




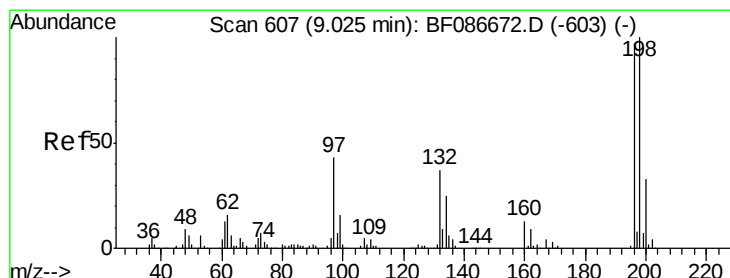
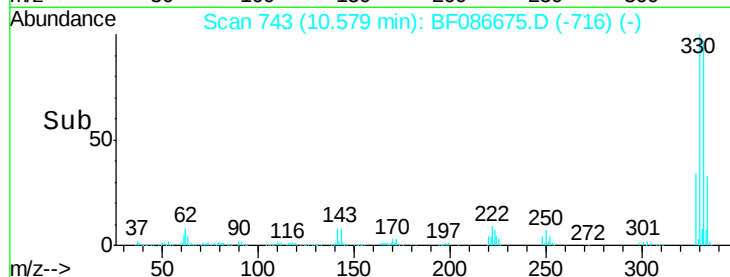
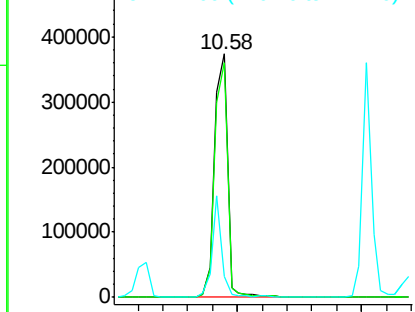
#41
 2,4,6-Tribromophenol
 Concen: 154.88 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.0	118.4
141	29.8	31.2	46.8#

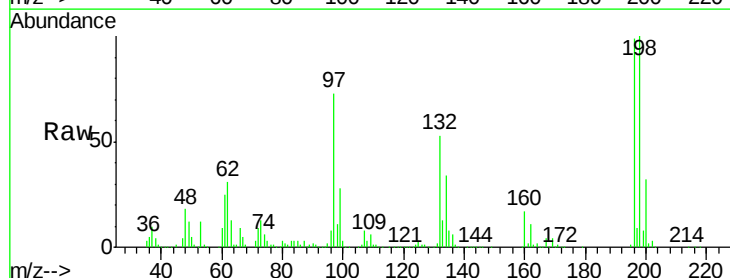


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

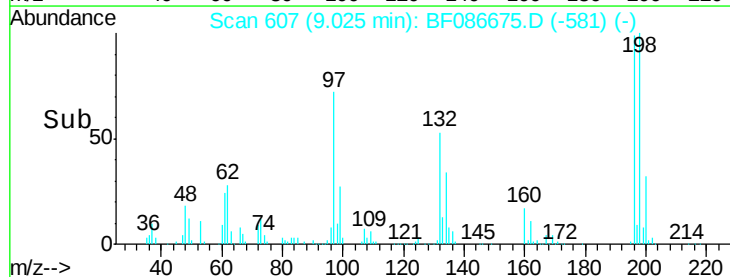
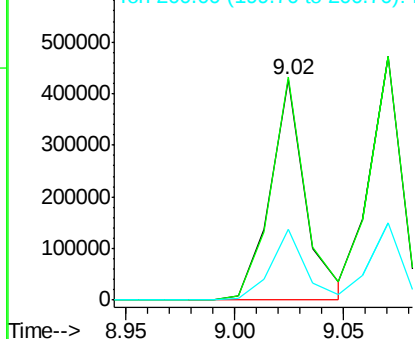


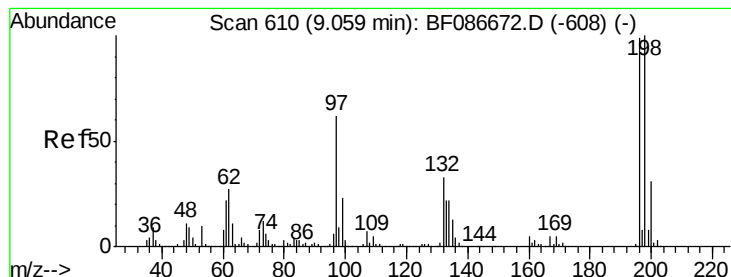
#42
 2,4,6-Trichlorophenol
 Concen: 80.92 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	74.7	112.1
200	32.0	23.8	35.6



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

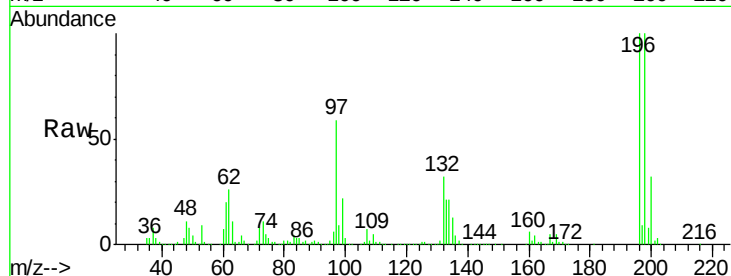




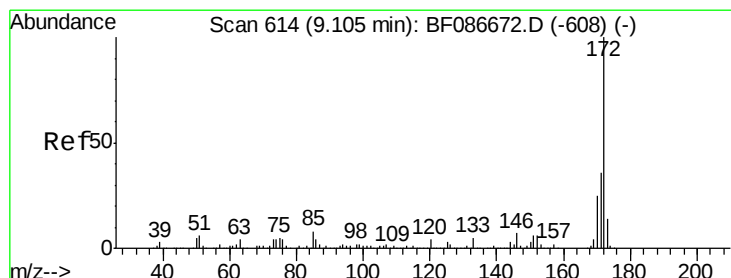
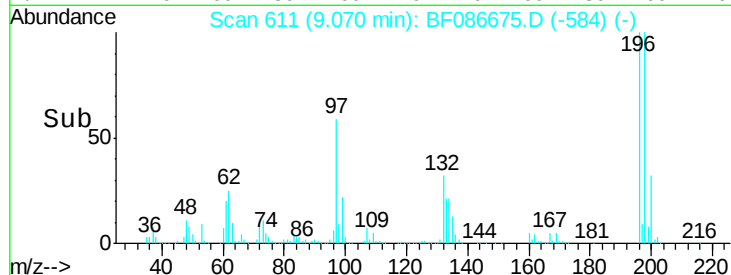
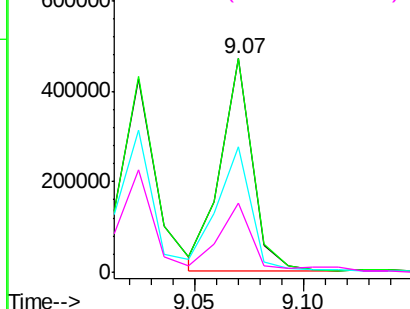
#43
 2,4,5-Trichlorophenol
 Concen: 72.94 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 476417
 Ion Ratio Lower Upper
 196 100
 198 100.2 77.5 116.3
 97 59.0 34.8 52.2#
 132 32.5 23.0 34.4

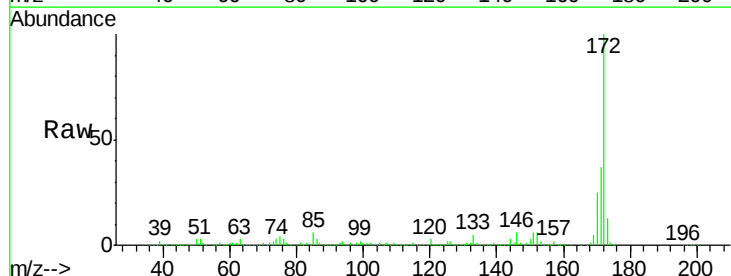


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

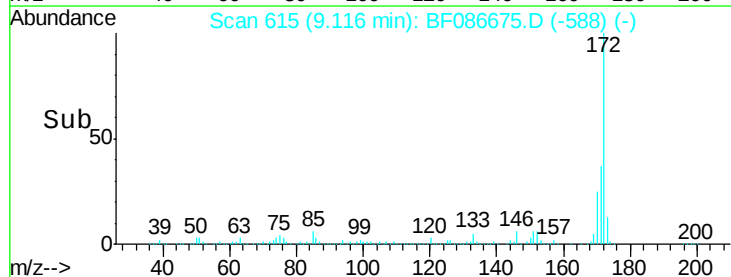
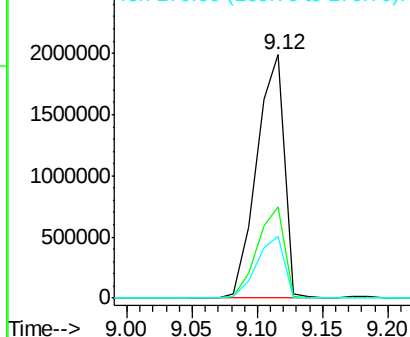


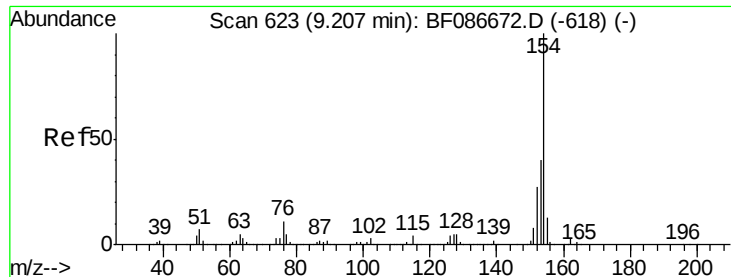
#44
 2-Fluorobiphenyl
 Concen: 150.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:172 Resp: 2946385
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 25.4 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: 60.73 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

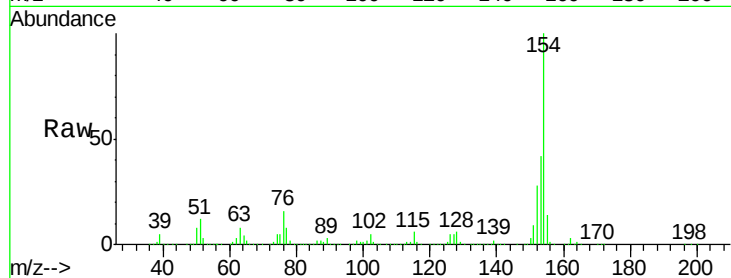
Tot Ion:154 Resp: 1681302

Ion Ratio Lower Upper

154 100

153 41.5 20.3 60.3

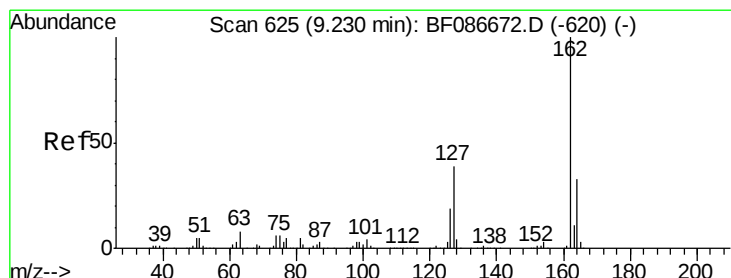
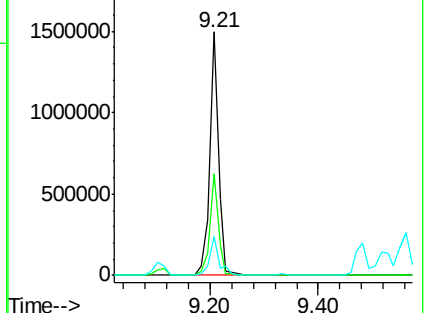
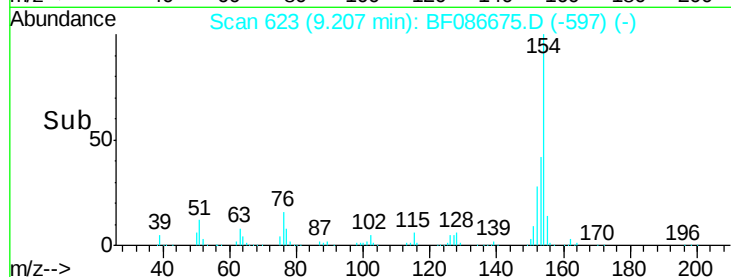
76 16.2 0.0 30.2



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: 65.78 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

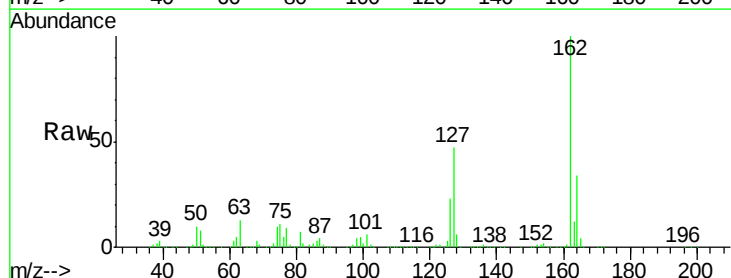
Tgt Ion:162 Resp: 1384667

Ion Ratio Lower Upper

162 100

127 47.2 31.8 47.6

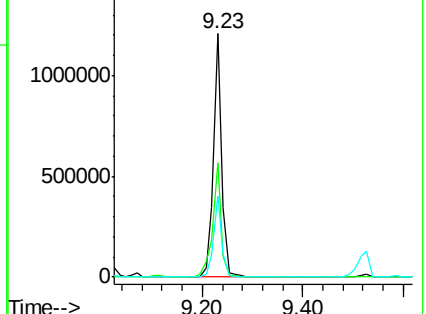
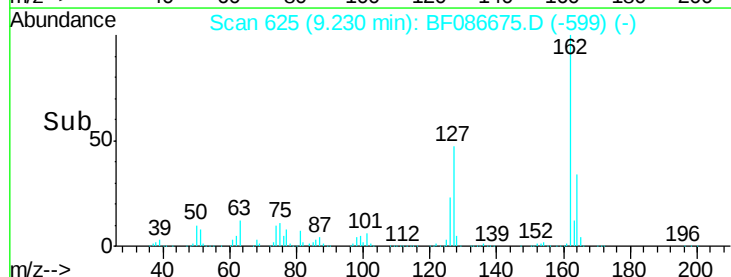
164 33.5 27.0 40.6

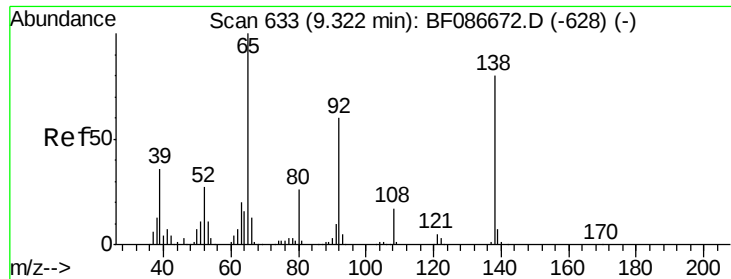


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

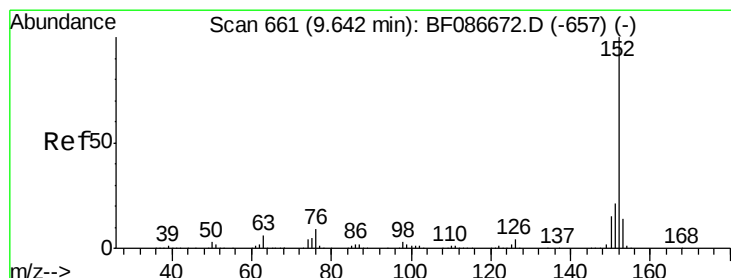
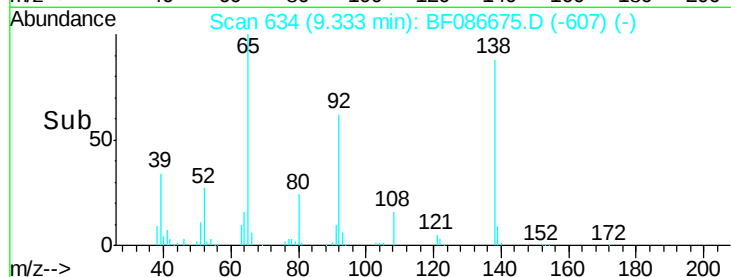
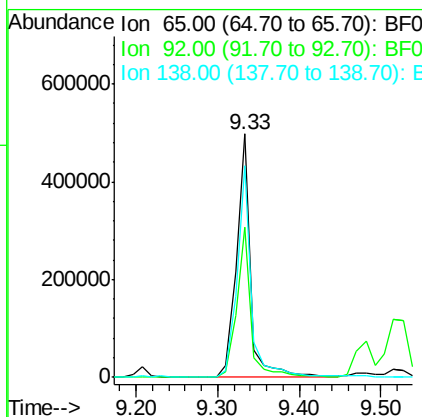
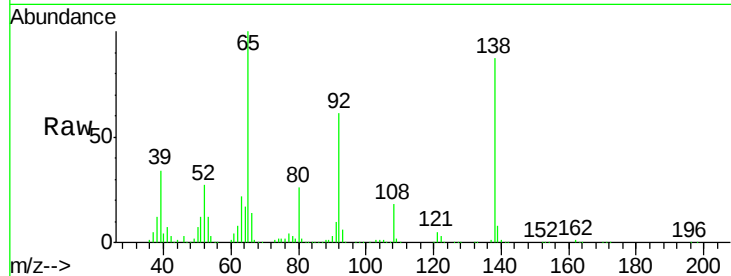




#47
2-Nitroaniline
Concen: 89.57 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

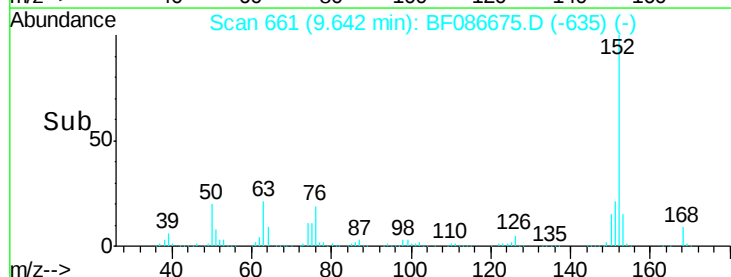
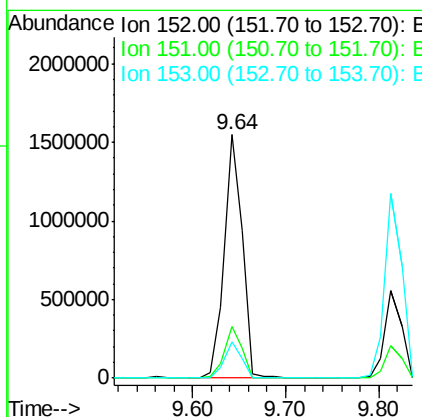
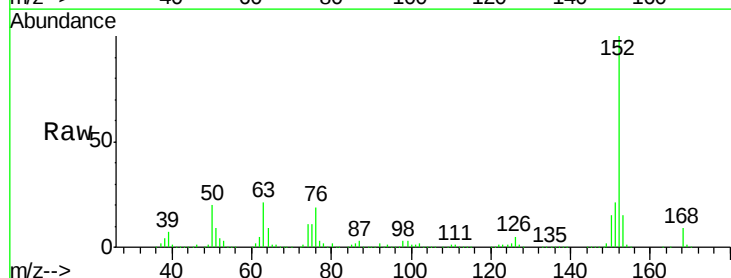
Instrument :
BNA_F
ClientSampleId :

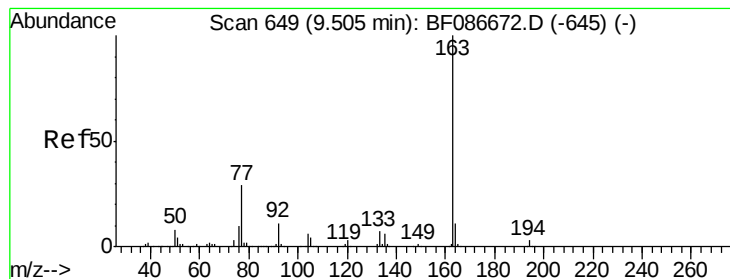
Tot Ion: 65 Resp: 604581
Ion Ratio Lower Upper
65 100
92 61.5 57.4 86.2
138 87.1 90.1 135.1#



#48
Acenaphthylene
Concen: 63.12 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:152 Resp: 2076671
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.8 10.9 16.3





#49

Dimethylphthalate

Concen: 77.51 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.02 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

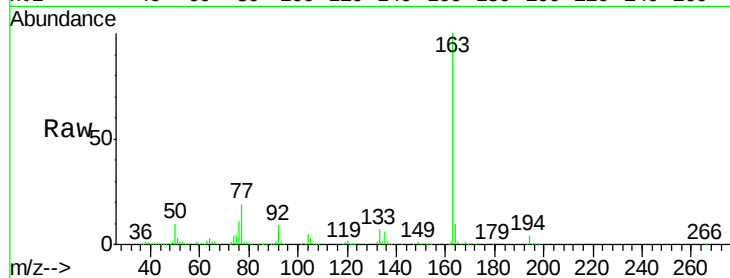
Tot Ion:163 Resp: 1932449

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

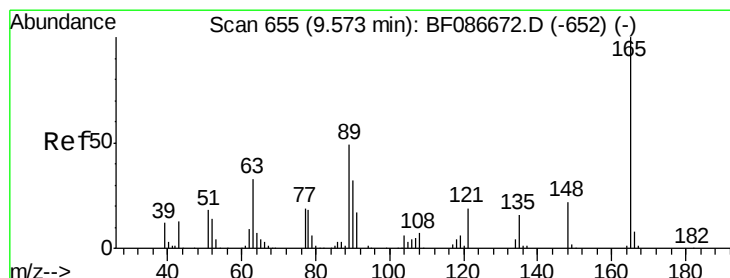
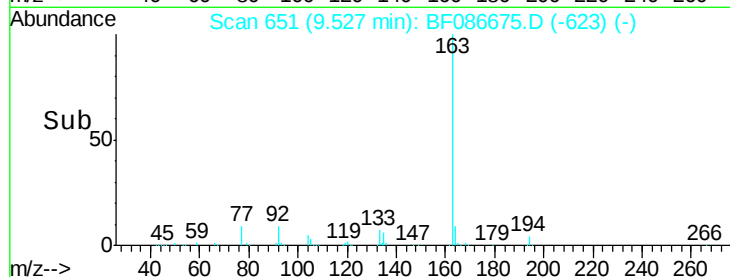
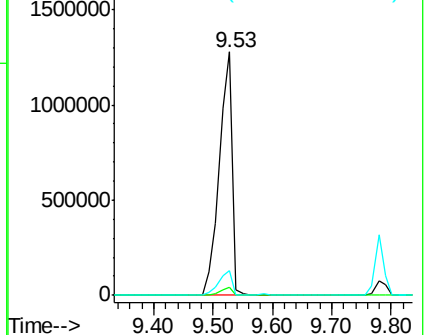
164 10.1 8.2 12.4



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: 86.04 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

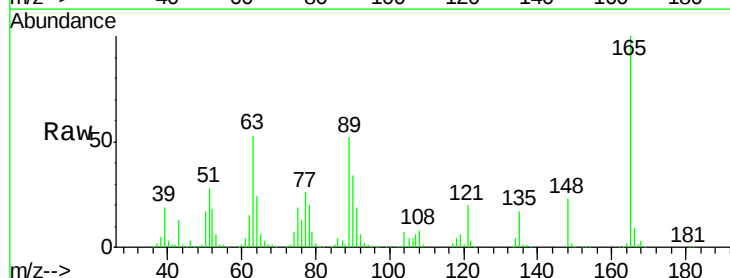
Tgt Ion:165 Resp: 443195

Ion Ratio Lower Upper

165 100

63 52.9 51.8 77.8

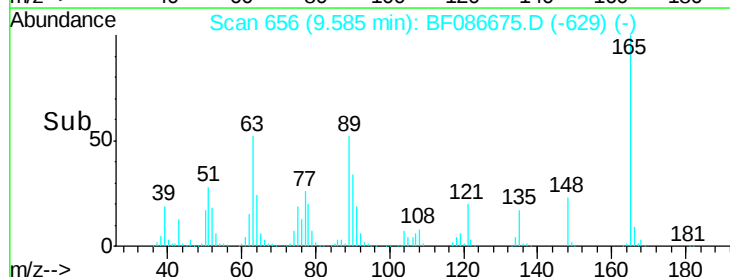
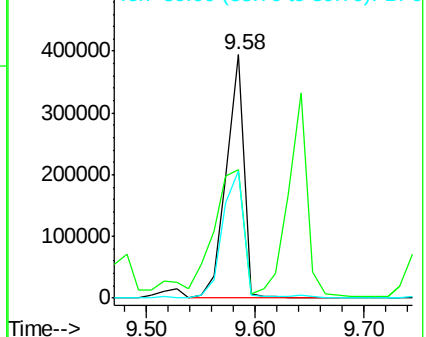
89 52.3 50.7 76.1

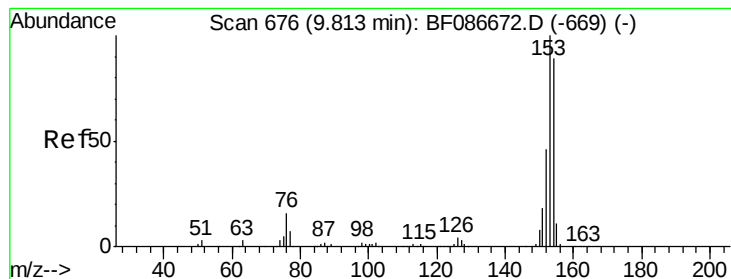


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 68.37 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

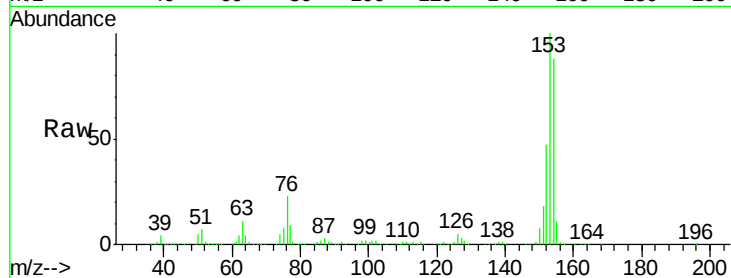
Tot Ion:154 Resp: 1444792

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

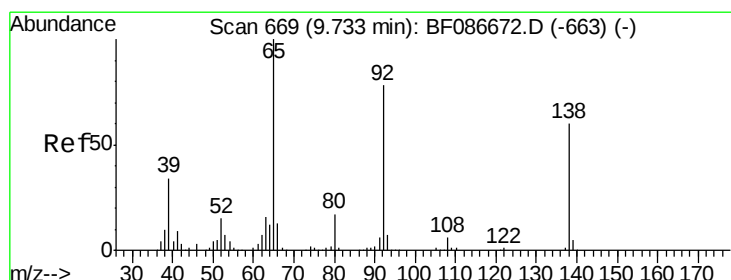
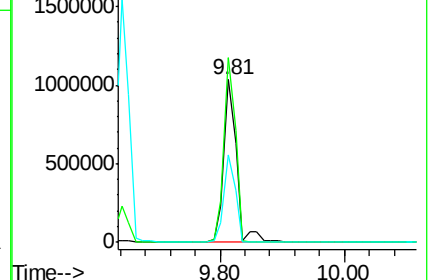
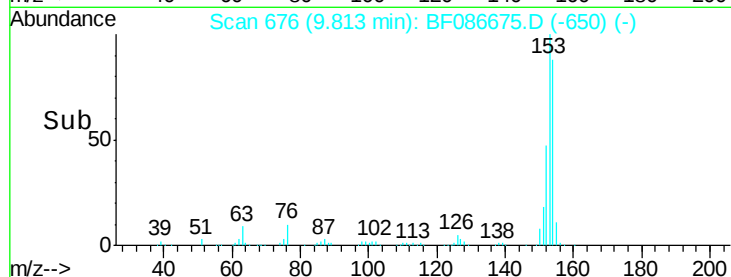
152 53.6 43.4 65.0



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: 81.16 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

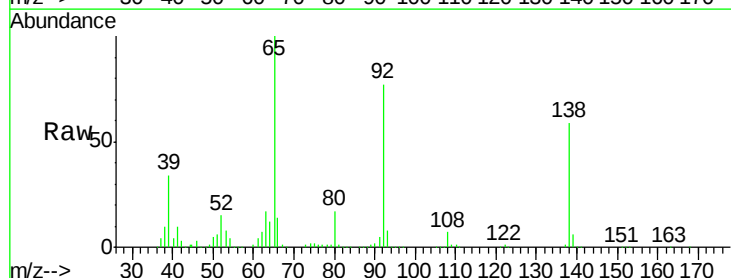
Tgt Ion:138 Resp: 475453

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.6

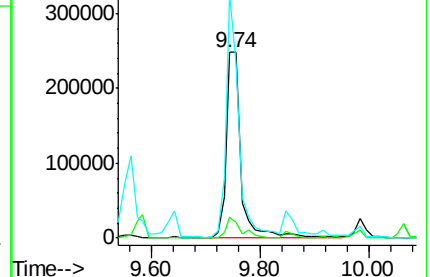
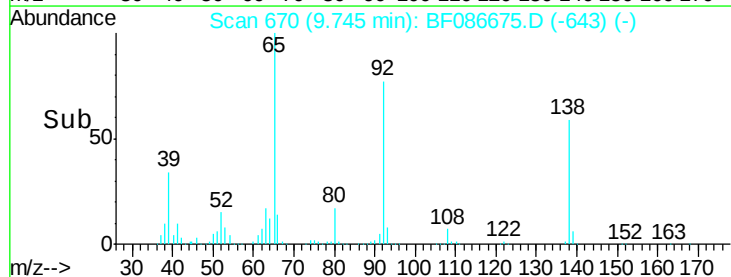
92 131.0 87.8 131.8

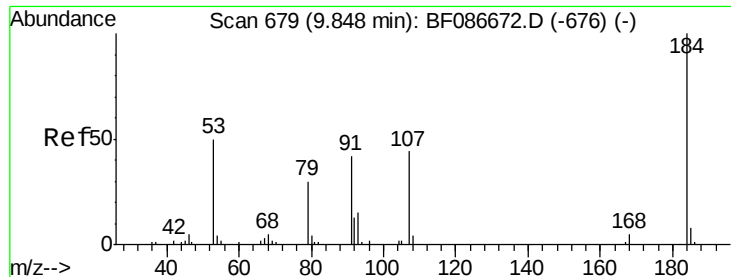


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

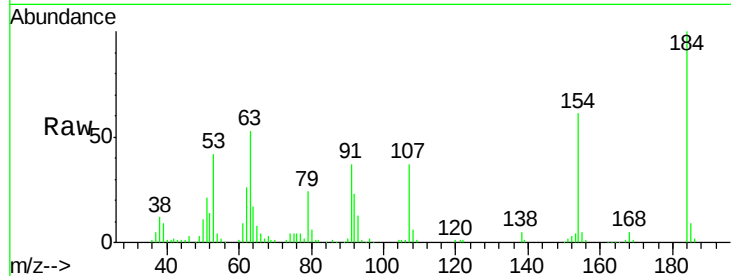




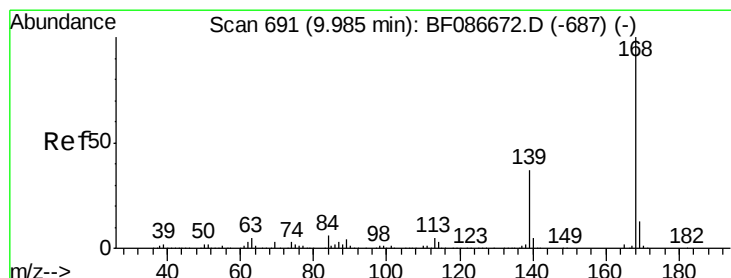
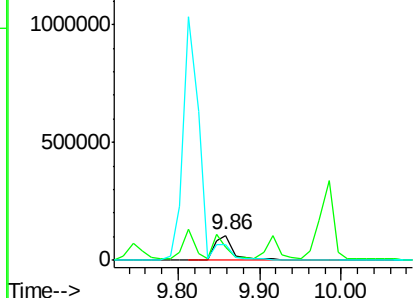
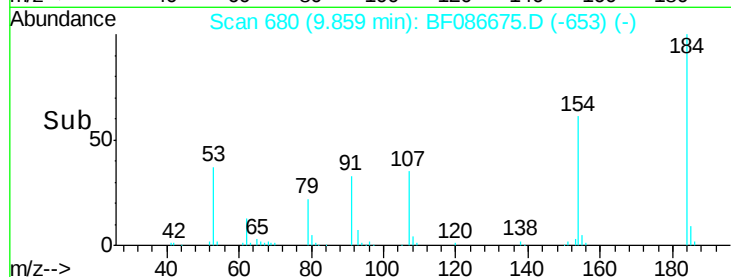
#53
 2,4-Dinitrophenol
 Concen: 74.40 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 171423
 Ion Ratio Lower Upper
 184 100
 63 53.1 55.8 83.8#
 154 61.3 62.4 93.6#

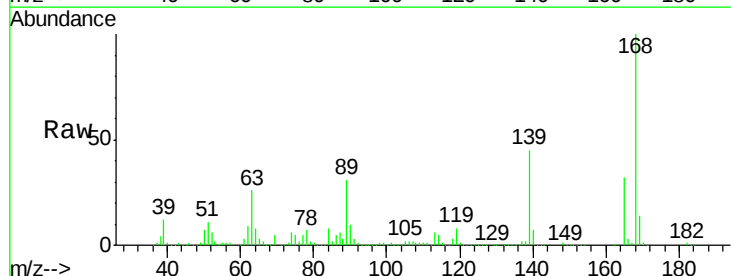


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

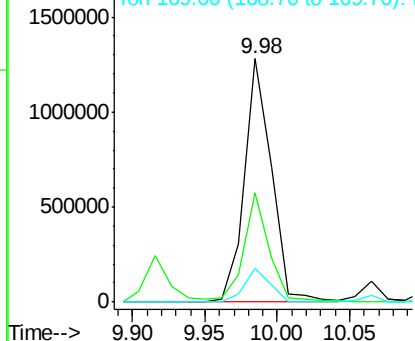
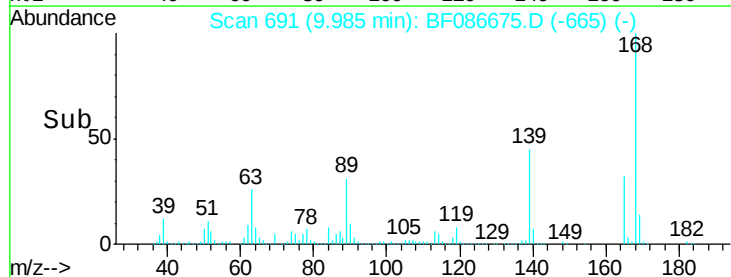


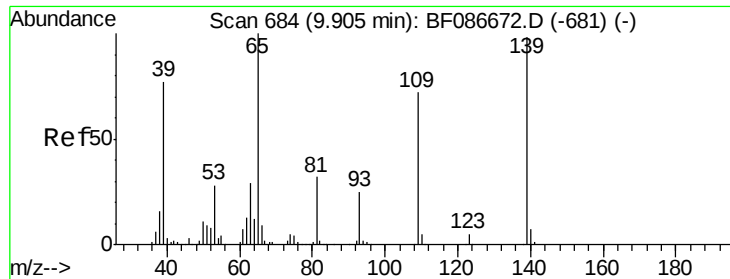
#54
 Dibenzofuran
 Concen: 62.67 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:168 Resp: 1655217
 Ion Ratio Lower Upper
 168 100
 139 45.0 31.4 47.0
 169 13.9 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: 76.19 ng

RT: 9.92 min Scan# 685

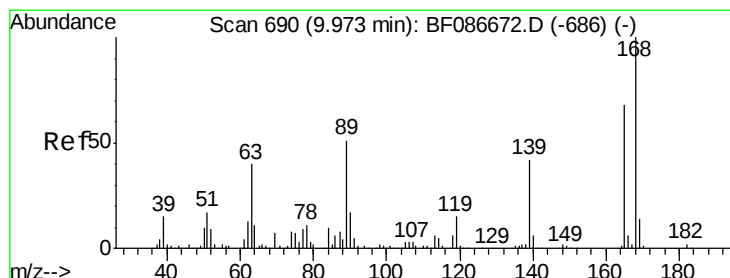
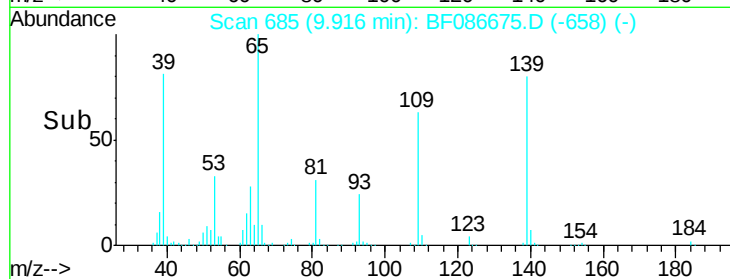
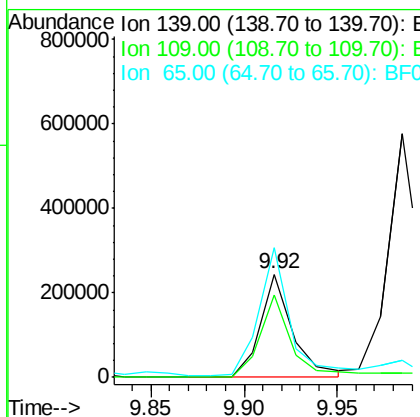
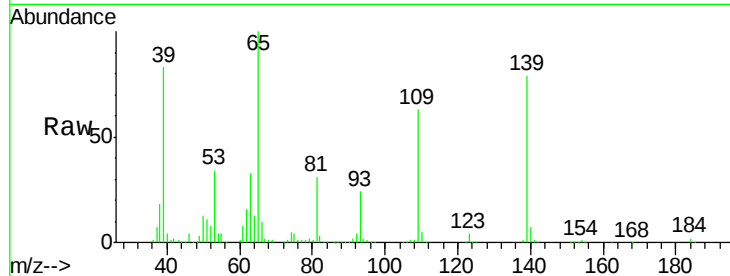
Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:139	Resp:	292233
Ion Ratio	Lower	Upper
139	100	
109	79.5	36.9 76.9#
65	126.1	64.0 104.0#



#56

2,4-Dinitrotoluene

Concen: 72.84 ng

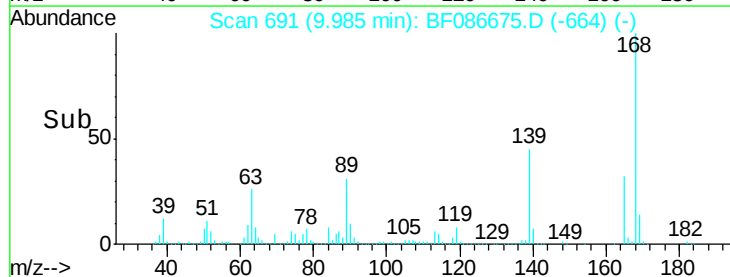
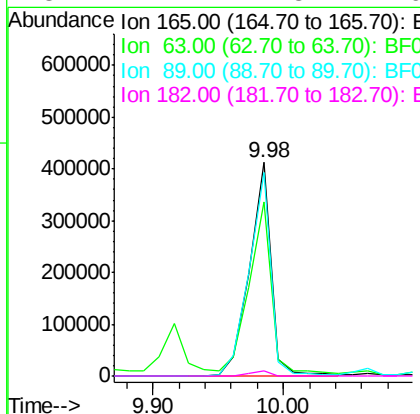
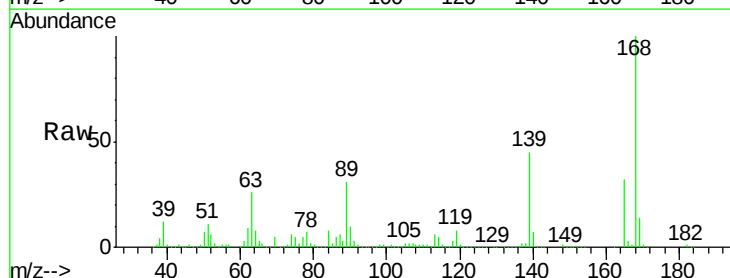
RT: 9.98 min Scan# 691

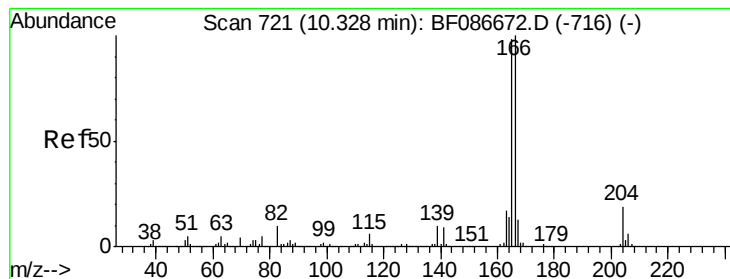
Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion:165	Resp:	478272
Ion Ratio	Lower	Upper
165	100	
63	81.8	44.3 66.5#
89	95.4	70.0 105.0
182	2.4	1.8 2.6





#57

Fluorene

Concen: 57.13 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

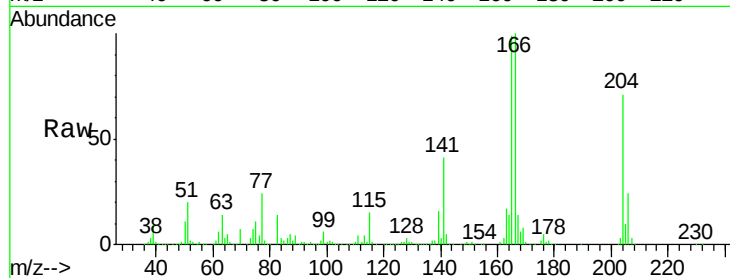
Tot Ion:166 Resp: 1310072

Ion Ratio Lower Upper

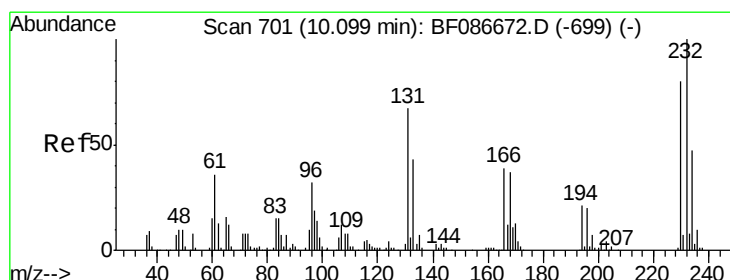
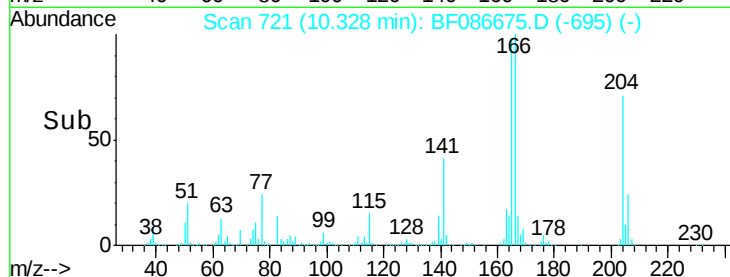
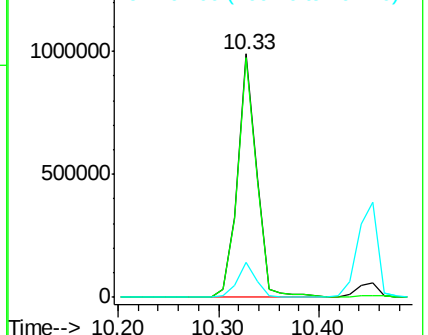
166 100

165 98.7 79.0 118.6

167 14.3 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: 74.53 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion:232 Resp: 380583

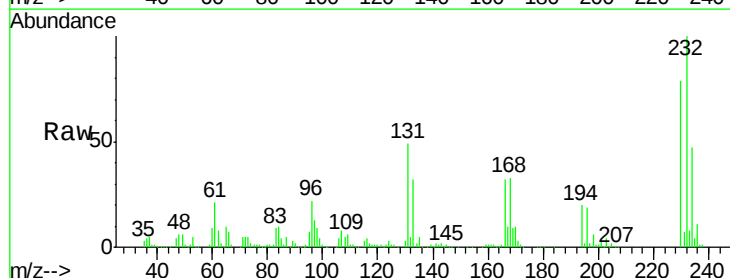
Ion Ratio Lower Upper

232 100

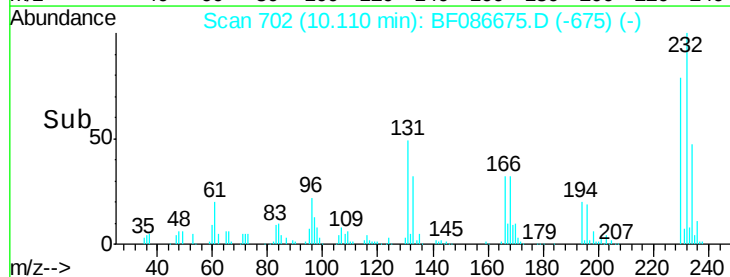
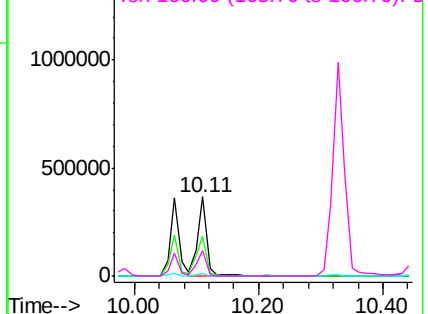
131 53.7 41.9 62.9

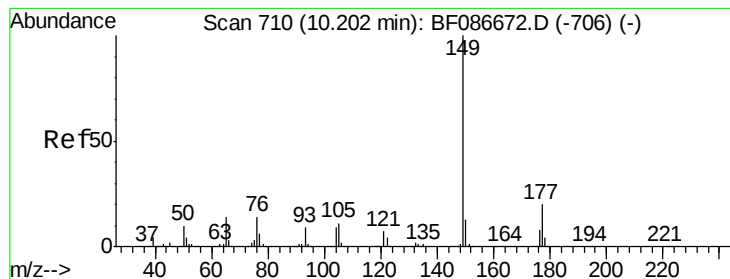
130 2.8 2.2 3.4

166 32.6 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: 67.53 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

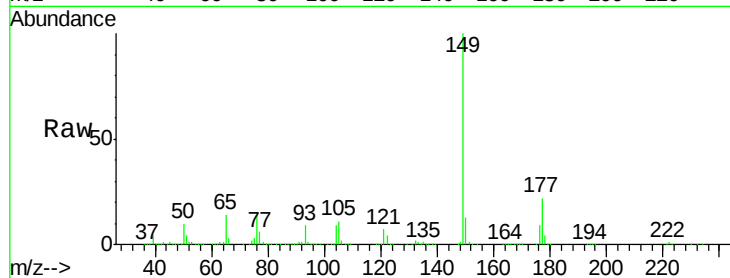
Tot Ion:149 Resp: 1593863

Ion Ratio Lower Upper

149 100

177 21.5 16.6 24.8

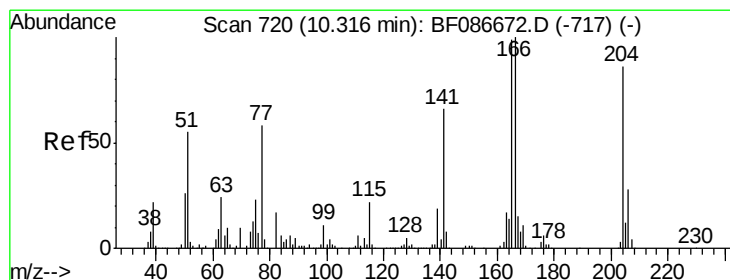
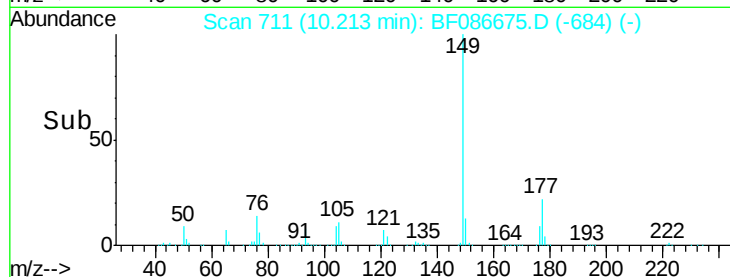
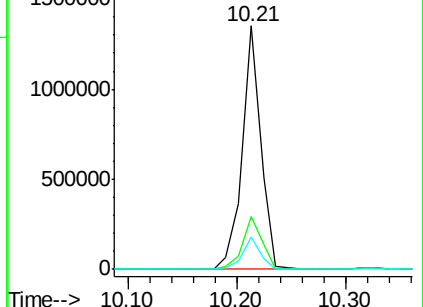
150 13.3 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 70.82 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

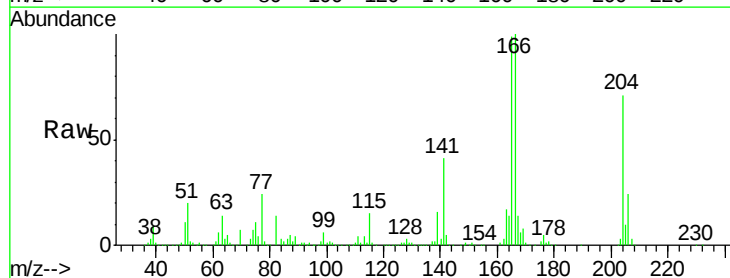
Tgt Ion:204 Resp: 737399

Ion Ratio Lower Upper

204 100

206 33.1 25.4 38.0

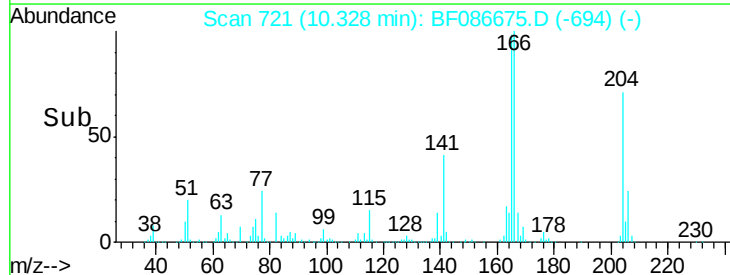
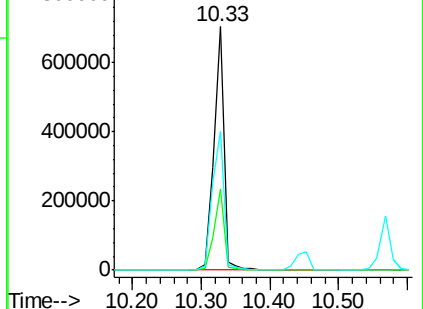
141 57.1 61.6 92.4#

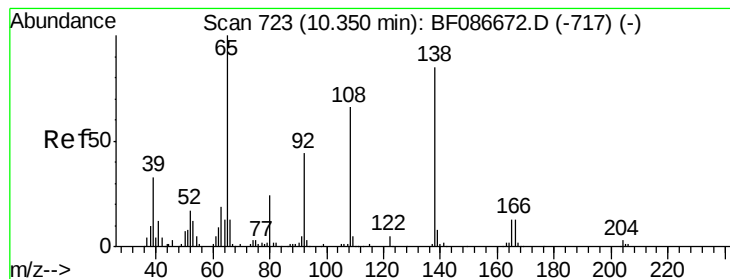


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 82.64 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

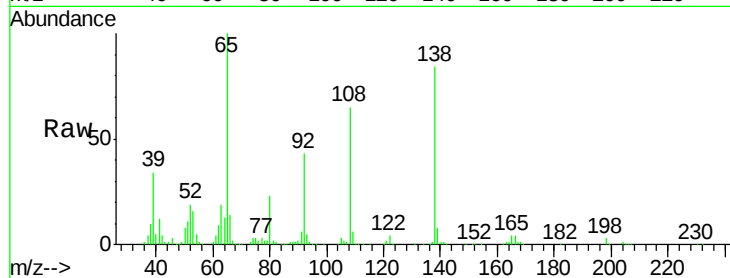
Tot Ion:138 Resp: 473207

Ion Ratio Lower Upper

138 100

92 51.3 24.7 64.7

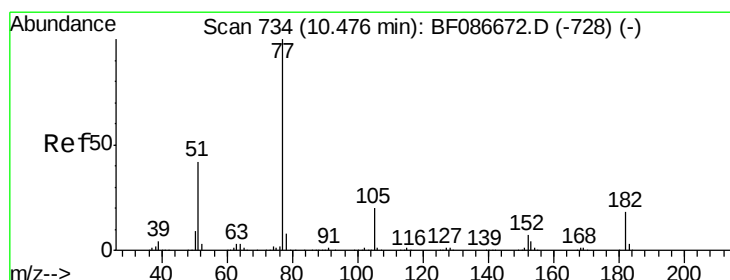
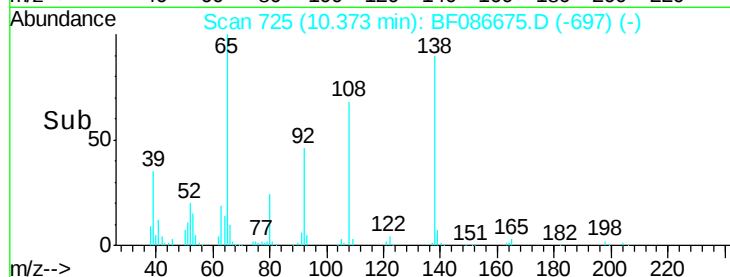
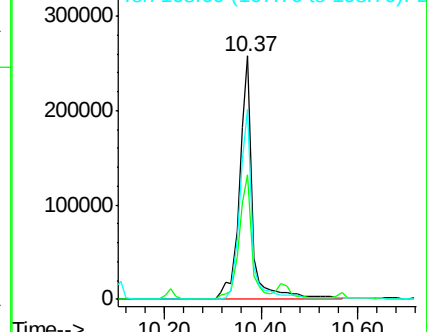
108 77.8 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 77.81 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Tgt Ion: 77 Resp: 2011623

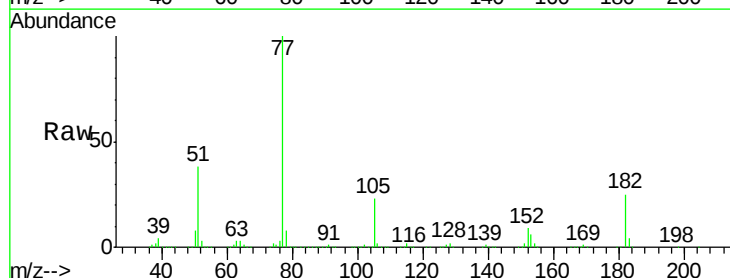
Ion Ratio Lower Upper

77 100

182 25.5 0.0 38.8

105 23.0 3.2 43.2

51 37.7 8.8 48.8

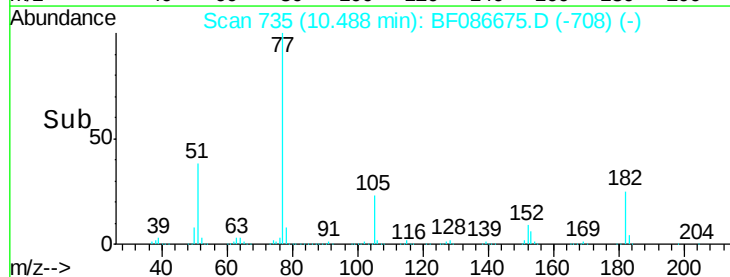
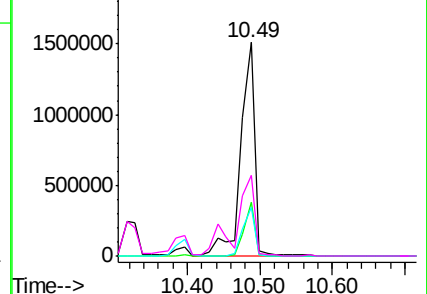


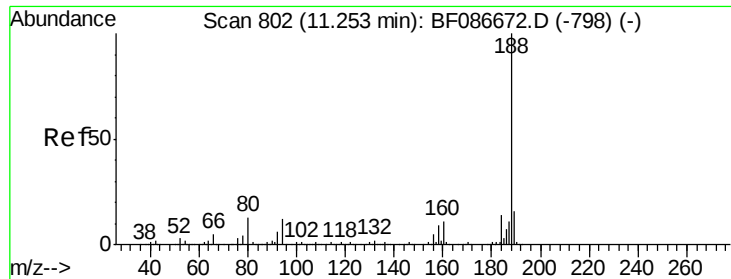
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

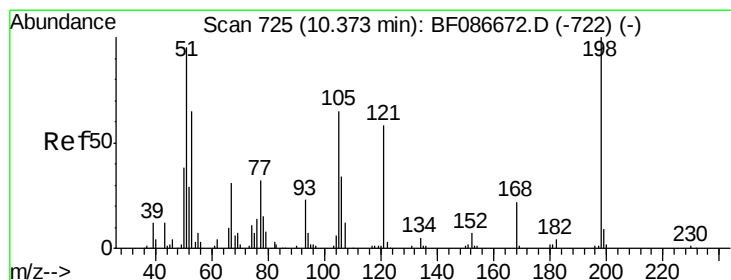
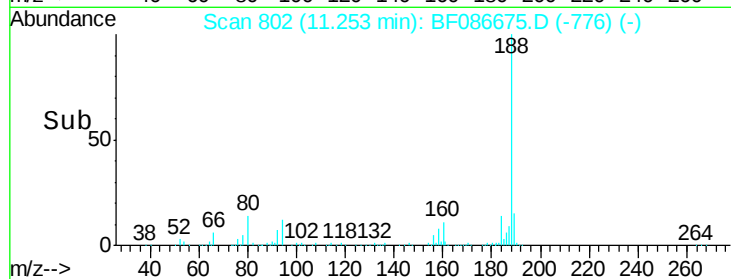
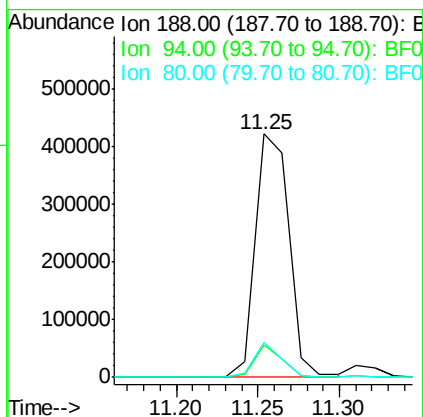
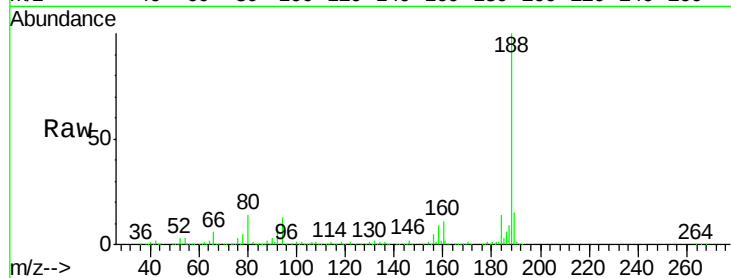




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

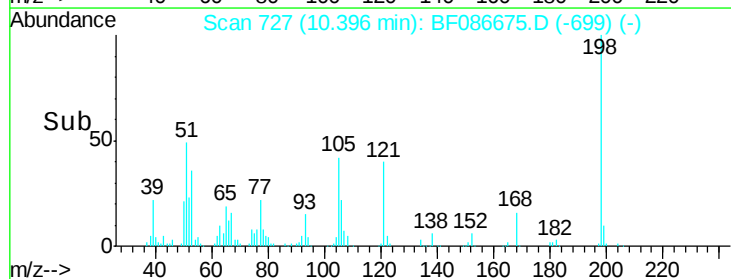
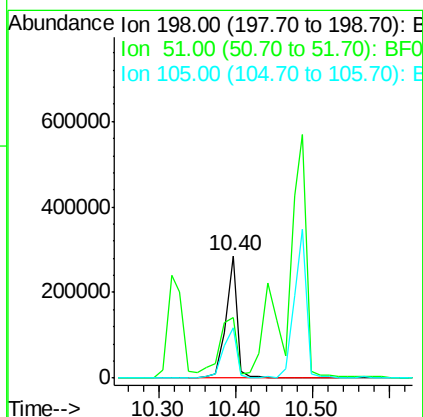
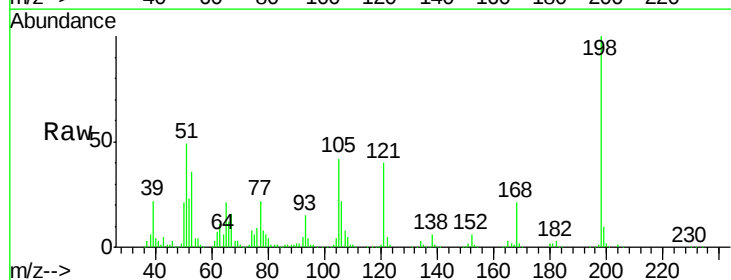
Instrument :
BNA_F
ClientSampleId :

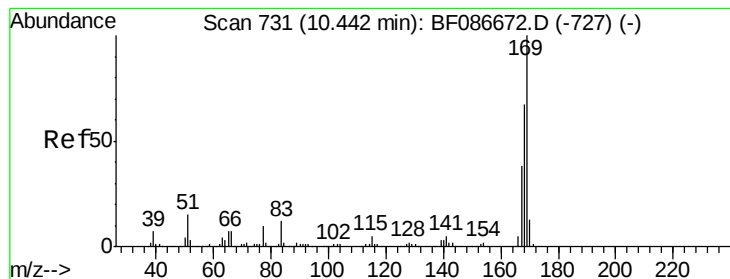
Tot Ion:188 Resp: 605587
Ion Ratio Lower Upper
188 100
94 13.1 6.8 10.2#
80 14.4 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 84.53 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:198 Resp: 300508
Ion Ratio Lower Upper
198 100
51 49.2 20.5 60.5
105 41.5 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 75.52 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

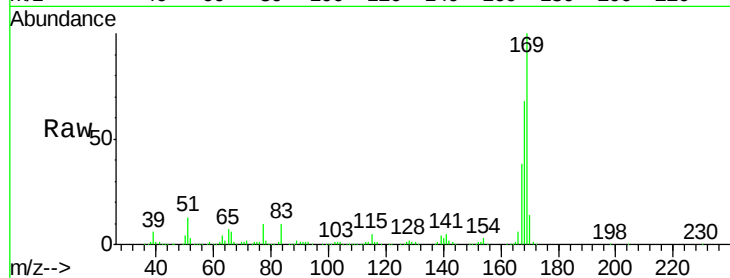
Tot Ion:169 Resp: 1429258

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.6

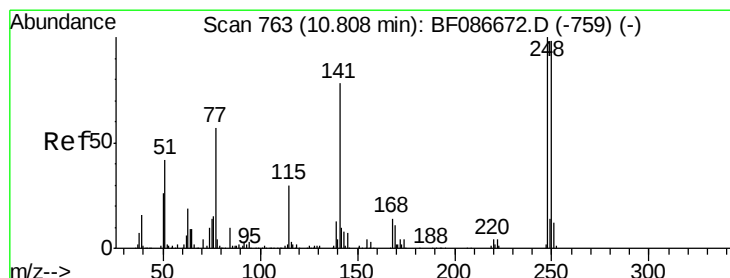
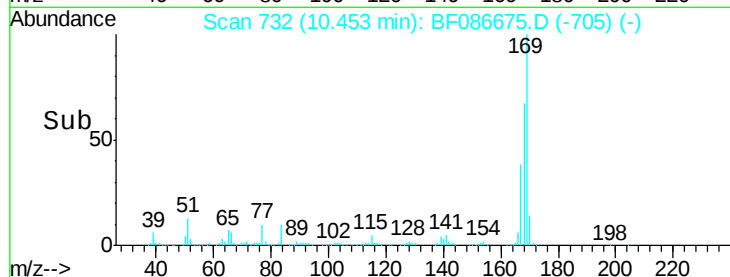
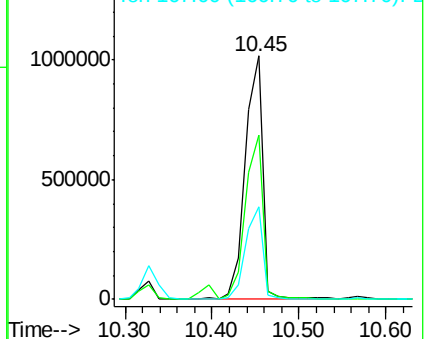
167 38.1 29.5 44.3



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: 67.63 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

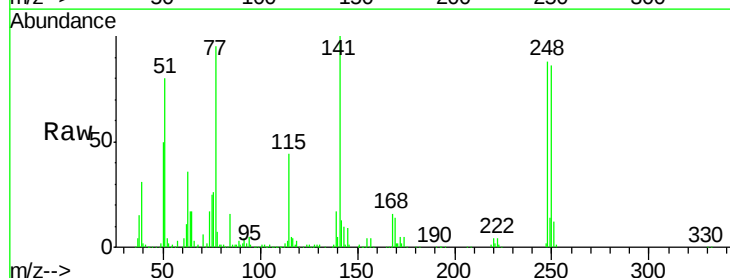
Tgt Ion:248 Resp: 422031

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

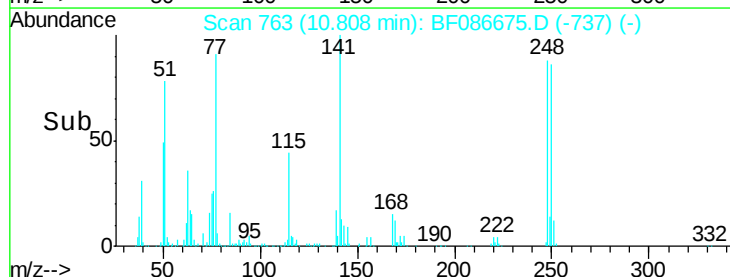
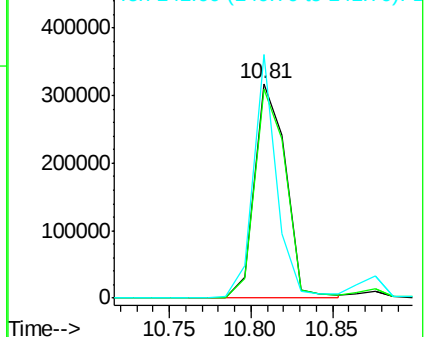
141 113.4 76.0 114.0

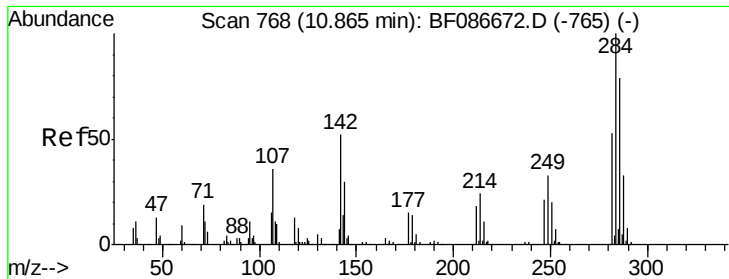


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 70.92 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

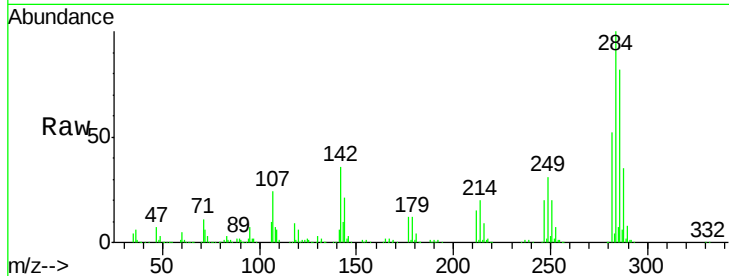
Tot Ion:284 Resp: 512272

Ion Ratio Lower Upper

284 100

142 35.8 16.7 25.1#

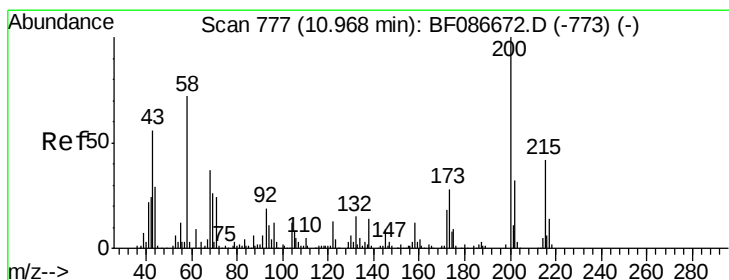
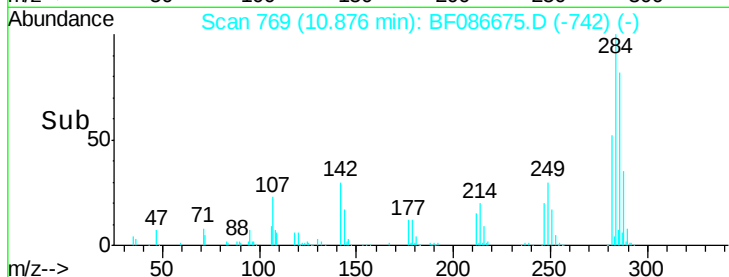
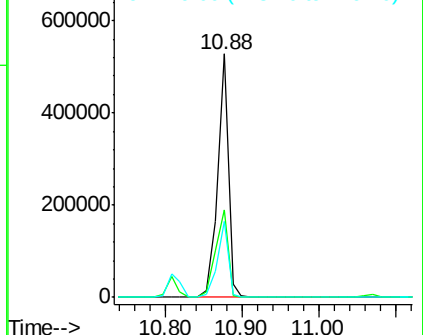
249 31.1 21.3 31.9



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: 66.22 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

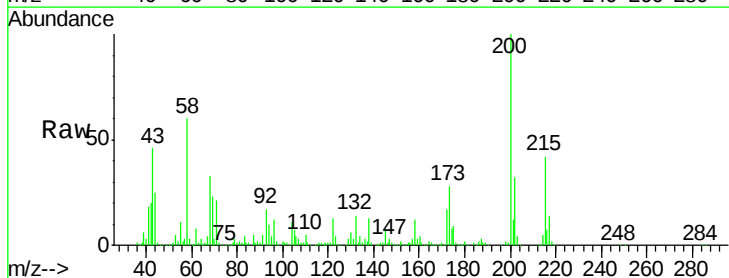
Tgt Ion:200 Resp: 376355

Ion Ratio Lower Upper

200 100

173 27.5 8.5 48.5

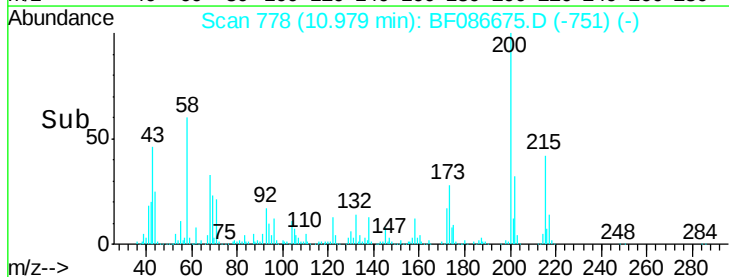
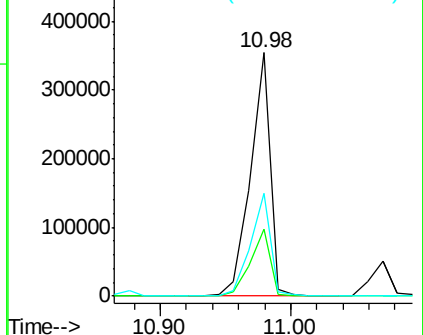
215 42.4 27.2 67.2

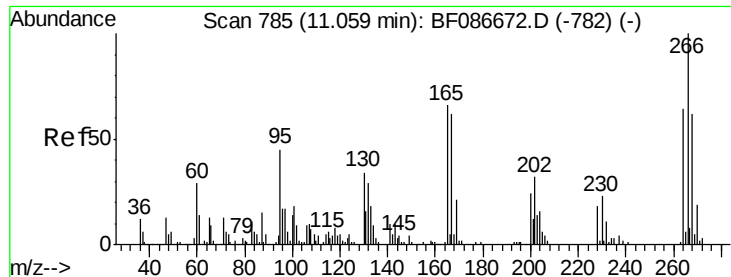


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

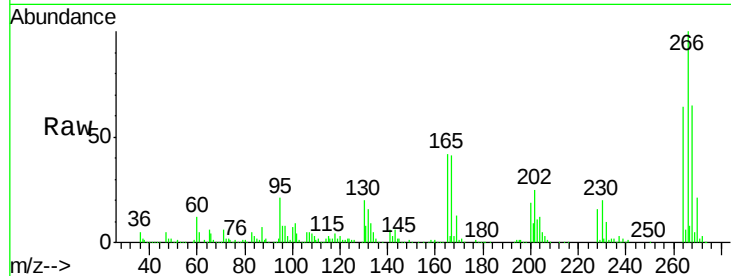




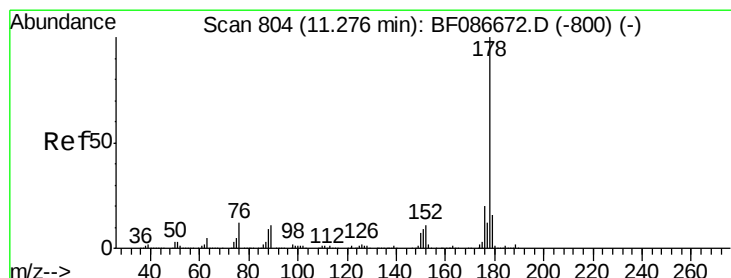
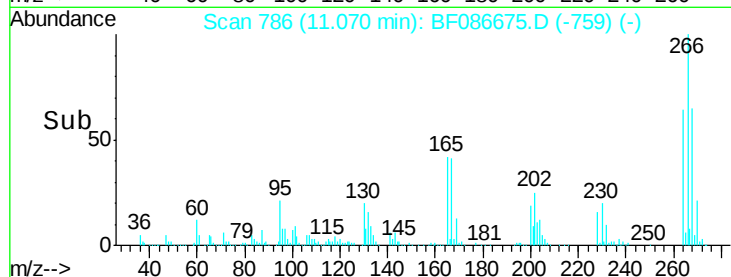
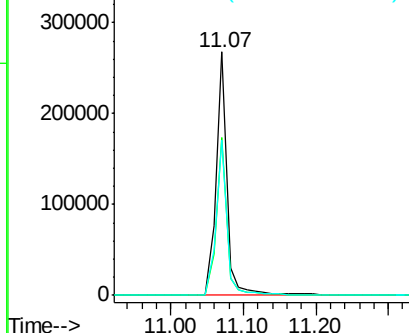
#69
 Pentachlorophenol
 Concen: 74.14 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 282349
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.5 77.3
 264 63.6 52.9 79.3

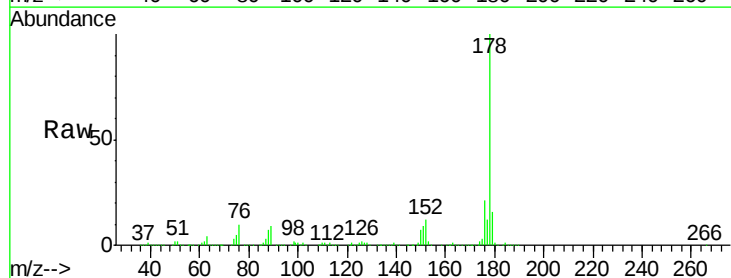


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

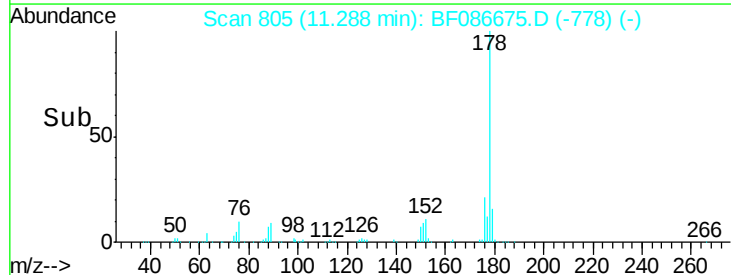
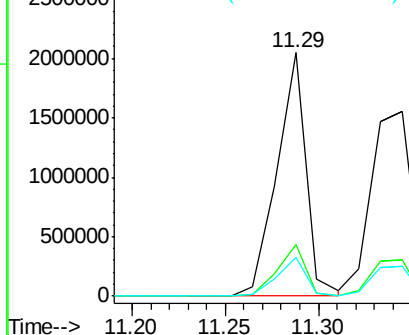


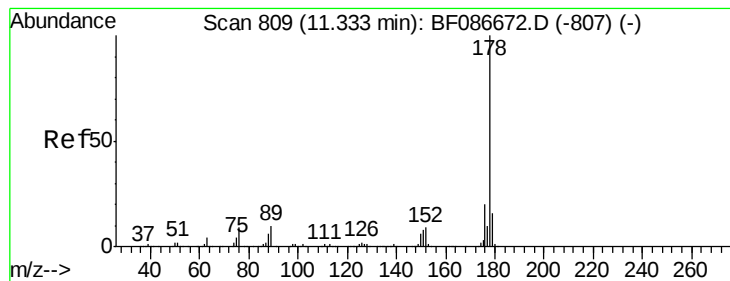
#70
 Phenanthrene
 Concen: 69.82 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:178 Resp: 2218896
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.0 24.0
 179 16.2 12.6 18.8



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





#71

Anthracene

Concen: 71.10 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampled :

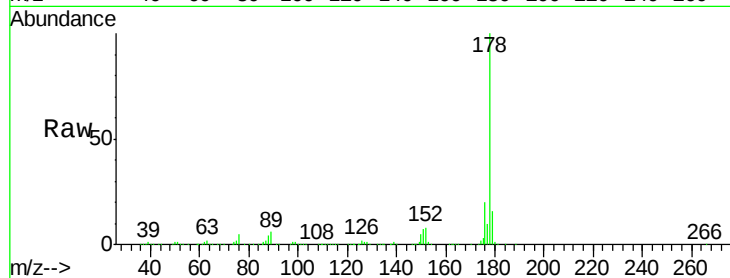
Tot Ion:178 Resp: 2411561

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

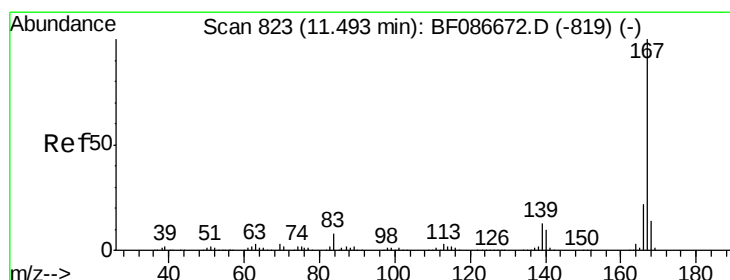
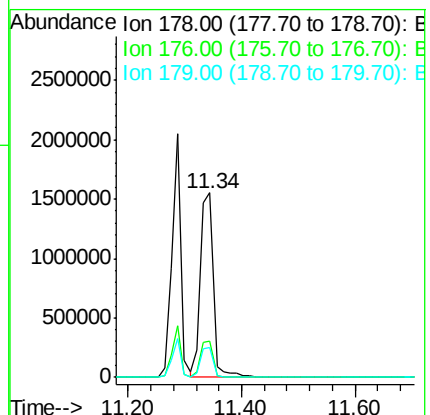
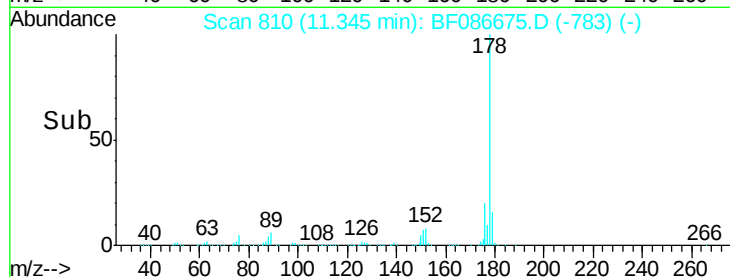
179 15.9 12.7 19.1



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: 66.94 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

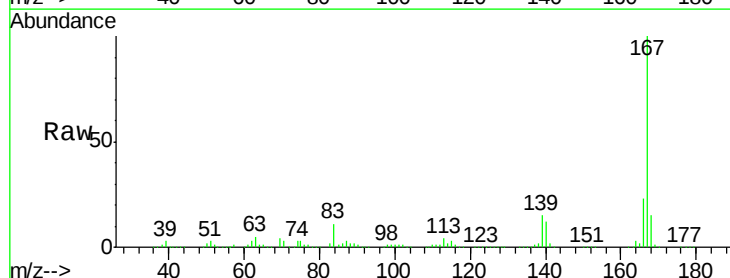
Tgt Ion:167 Resp: 2012272

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

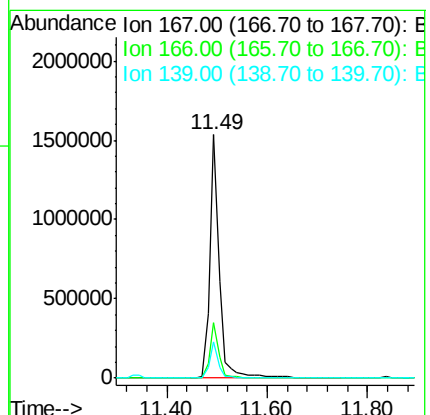
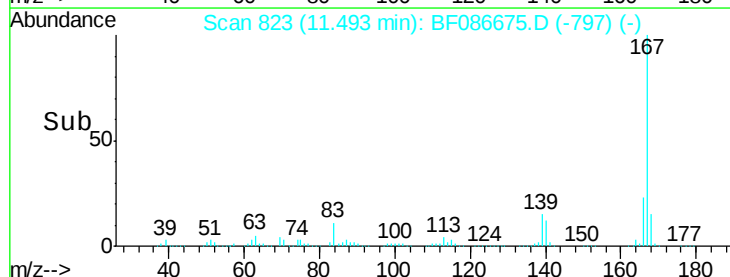
139 15.1 10.8 16.2

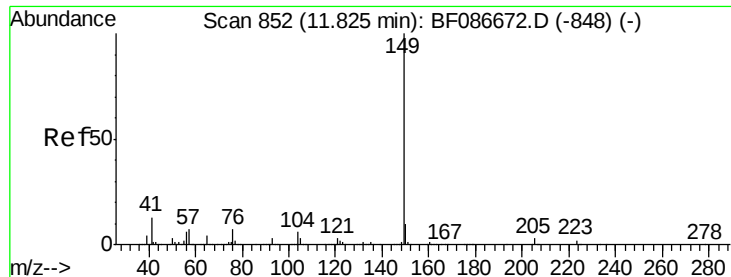


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 76.32 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

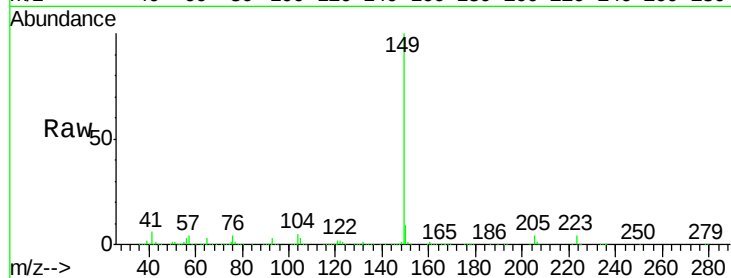
Tot Ion:149 Resp: 2598983

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

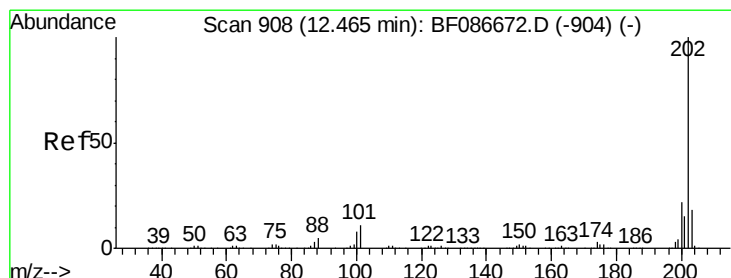
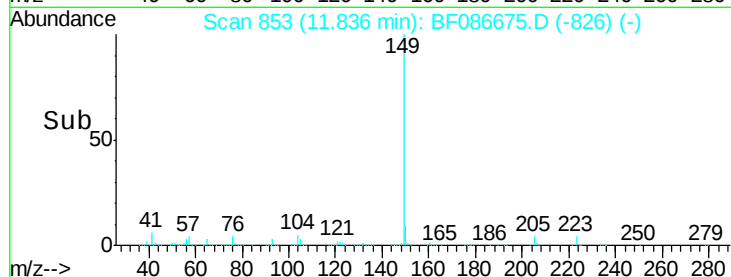
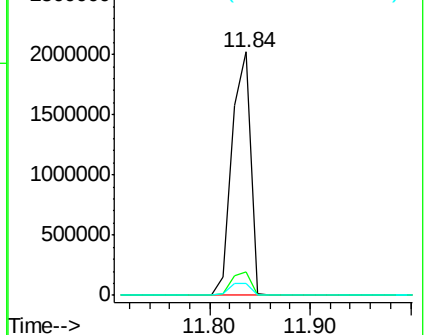
104 4.7 3.8 5.6



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: 69.65 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

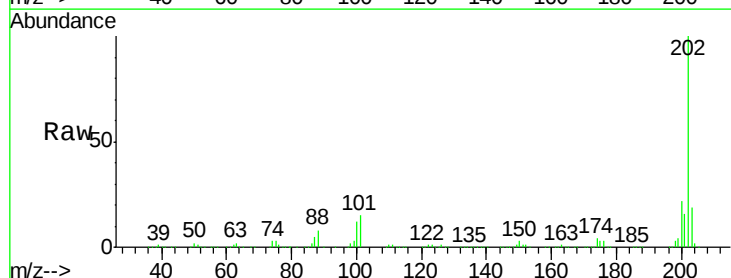
Tgt Ion:202 Resp: 2234387

Ion Ratio Lower Upper

202 100

101 15.1 0.0 35.4

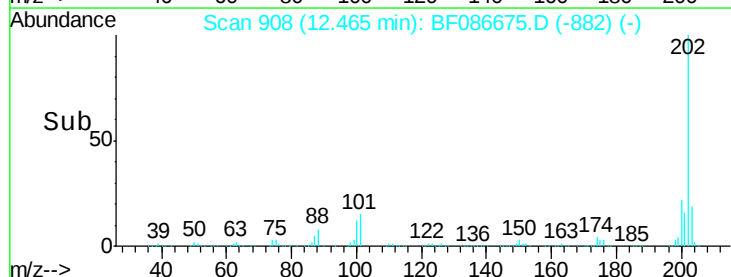
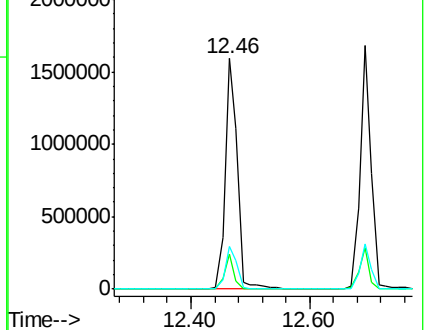
203 18.5 0.0 38.1

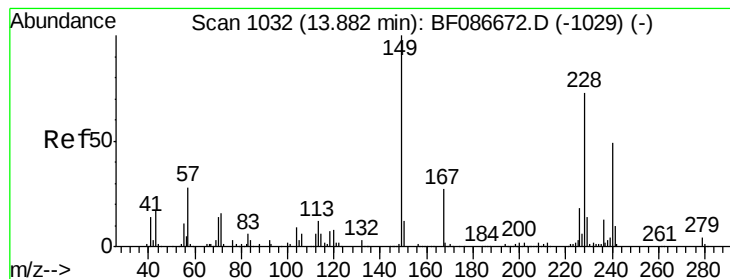


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampled :

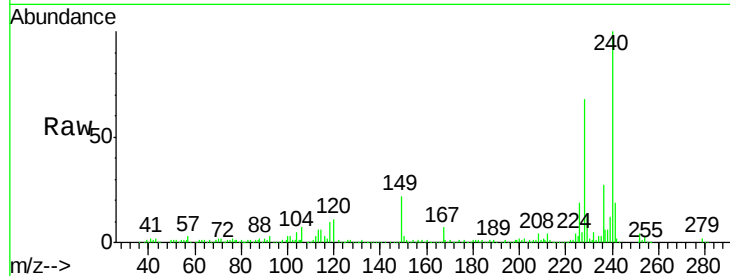
Tot Ion:240 Resp: 413531

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

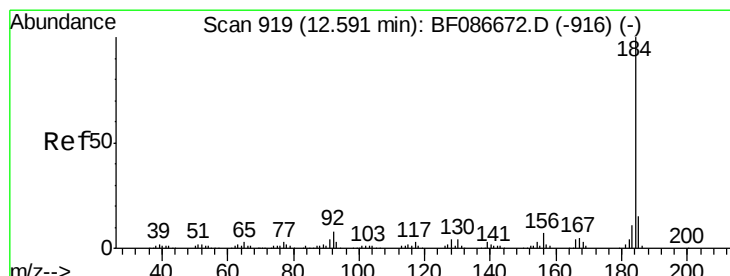
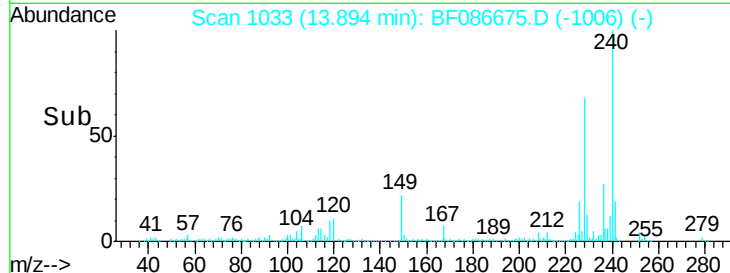
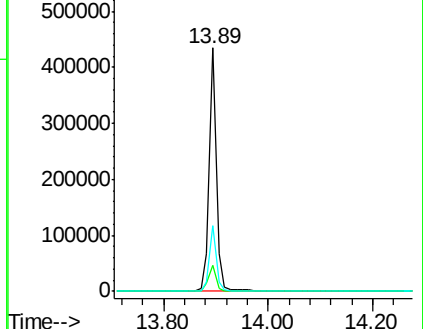
236 26.7 21.2 31.8



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: 56.02 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

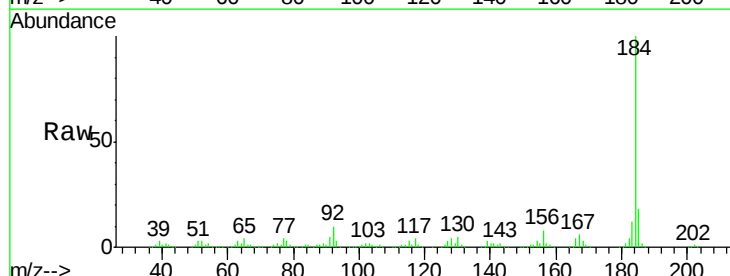
Tgt Ion:184 Resp: 796077

Ion Ratio Lower Upper

184 100

185 18.3 13.6 20.4

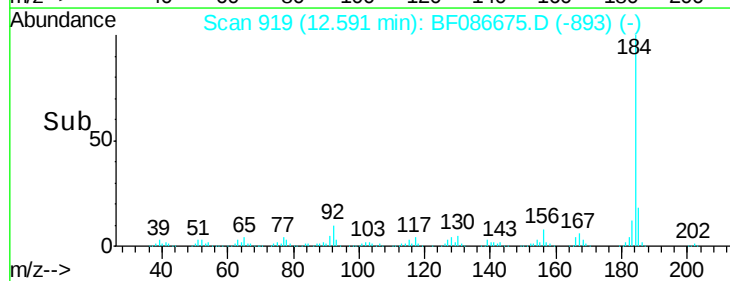
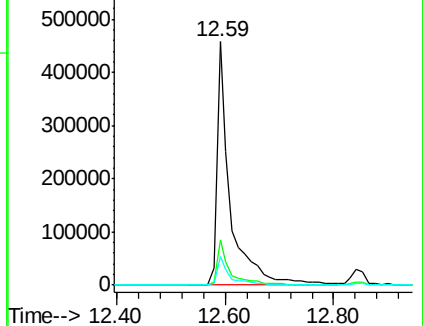
183 11.8 9.8 14.6

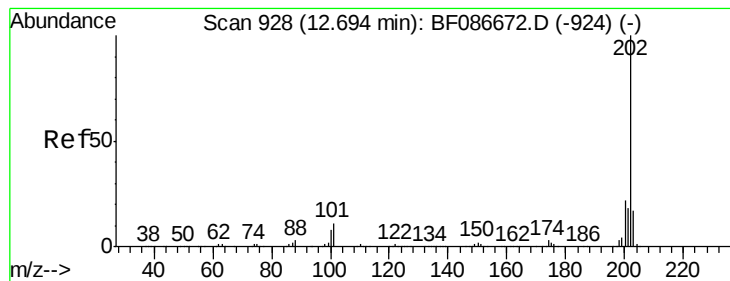


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 72.34 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

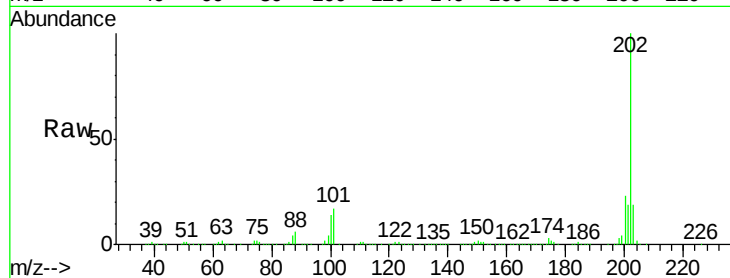
Tot Ion:202 Resp: 2155577

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.7	26.5
203	18.6	14.2	21.4

202 100

200 22.9 17.7 26.5

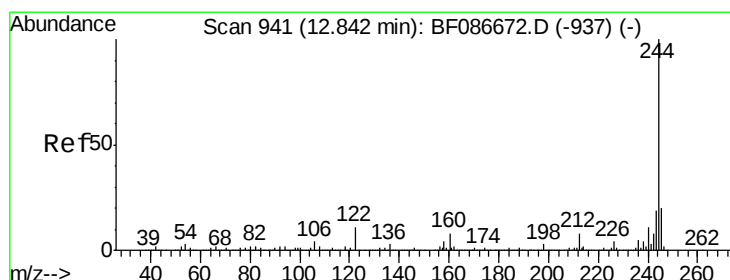
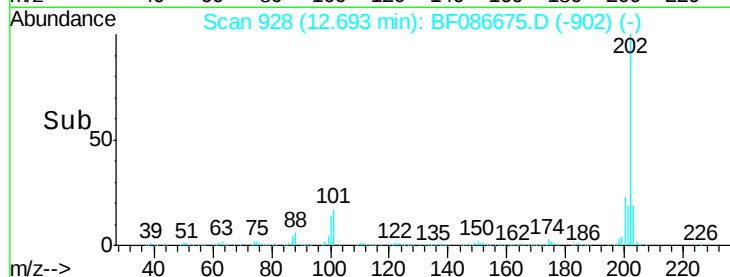
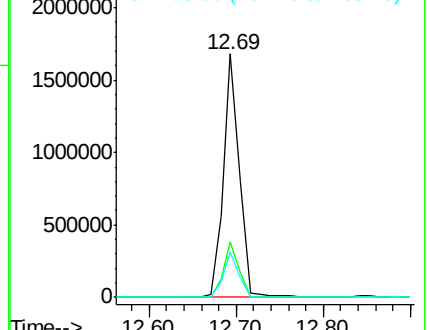
203 18.6 14.2 21.4



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: 160.59 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

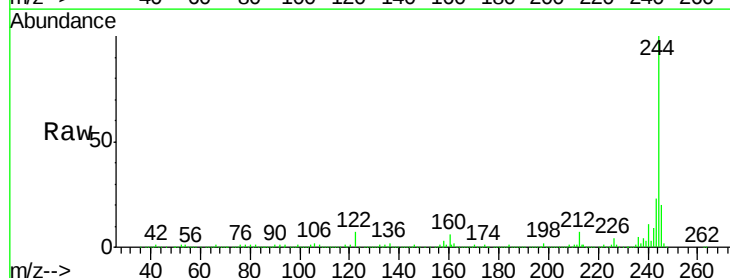
Tgt Ion:244 Resp: 3014350

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.0	12.0	18.0

244 100

212 6.9 6.2 9.2

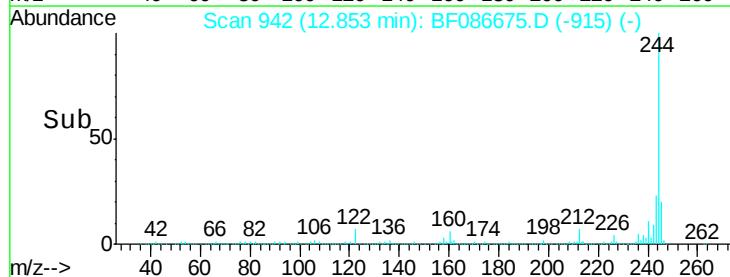
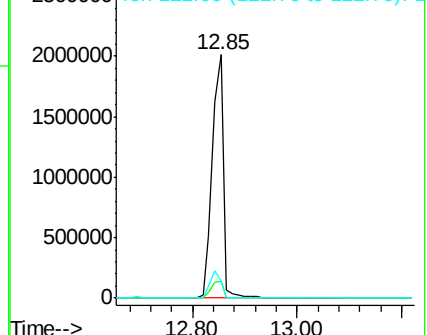
122 7.0 12.0 18.0

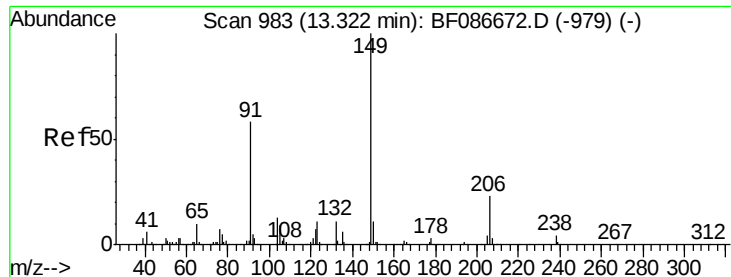


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

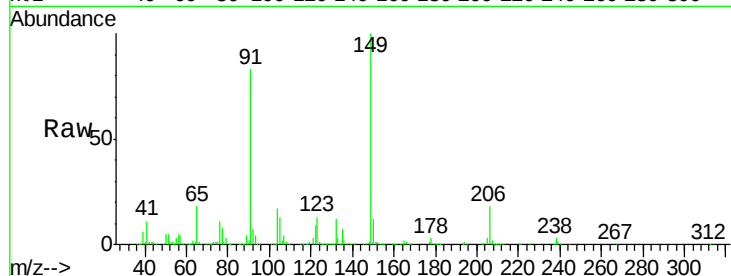




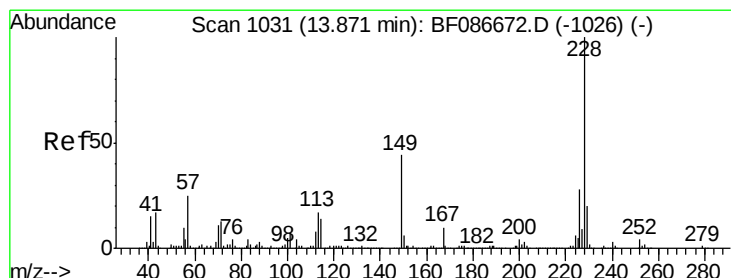
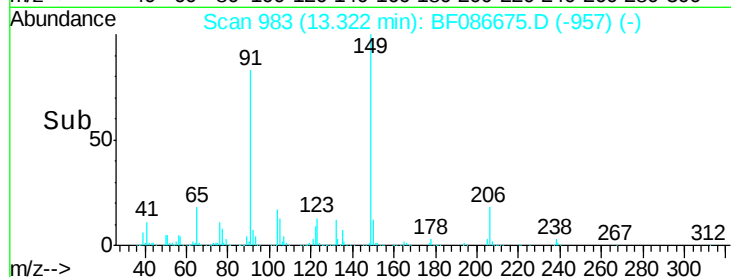
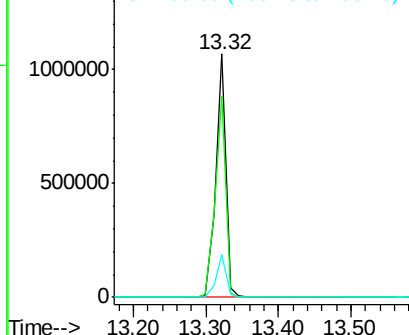
#79
Butylbenzylphthalate
Concen: 80.06 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1033209
Ion Ratio Lower Upper
149 100
91 82.5 48.0 72.0#
206 17.8 15.8 23.6

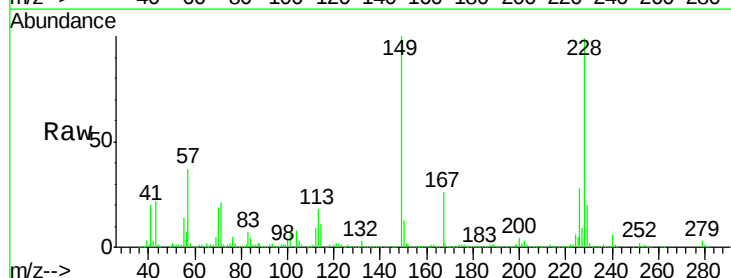


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

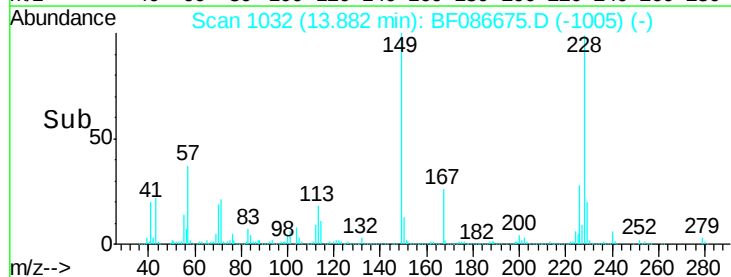
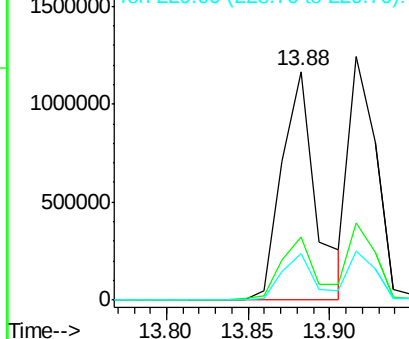


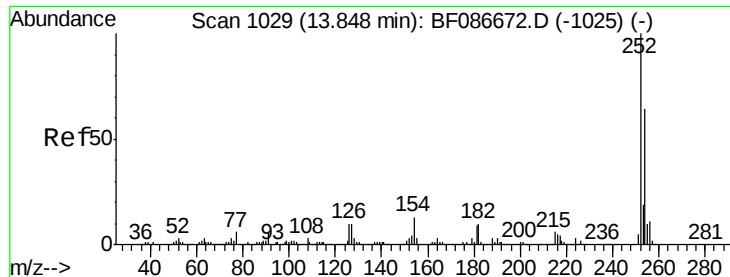
#80
Benzo(a)anthracene
Concen: 77.12 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:228 Resp: 1700279
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.4 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

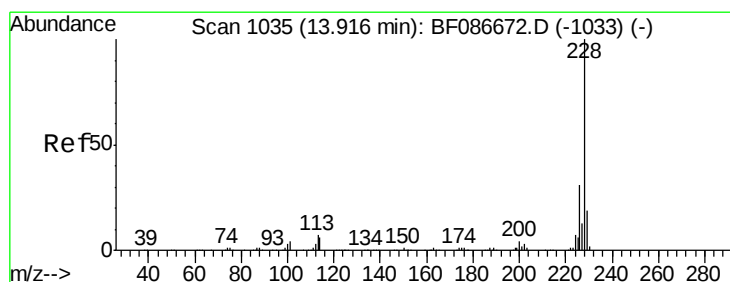
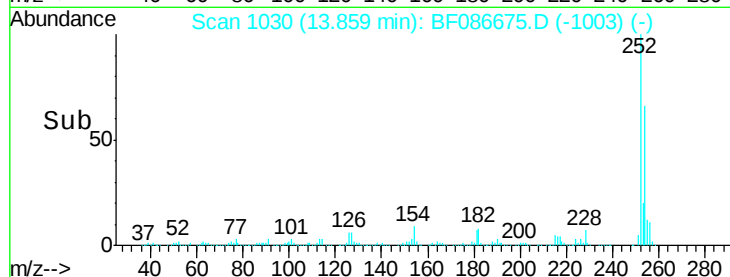
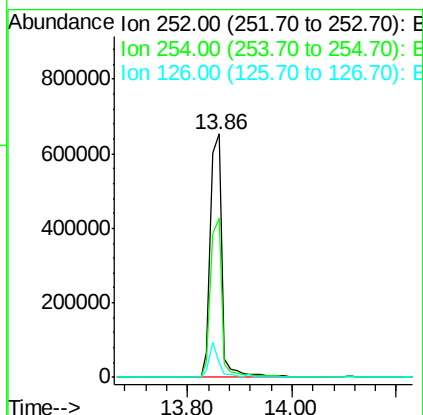
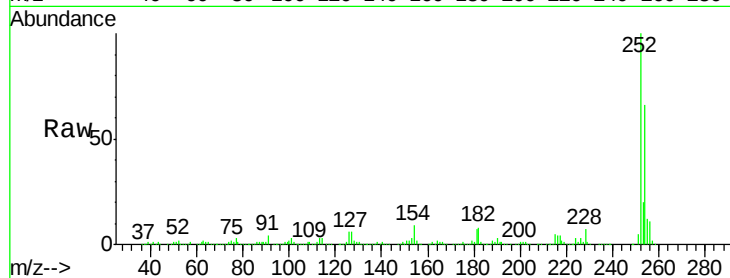




#81
 3,3'-Dichlorobenzidine
 Concen: 68.91 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

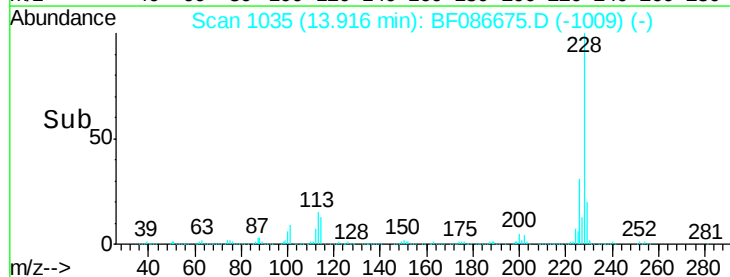
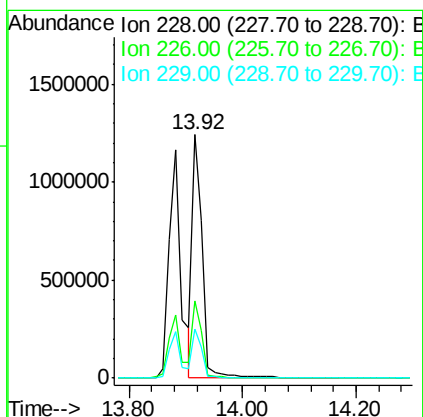
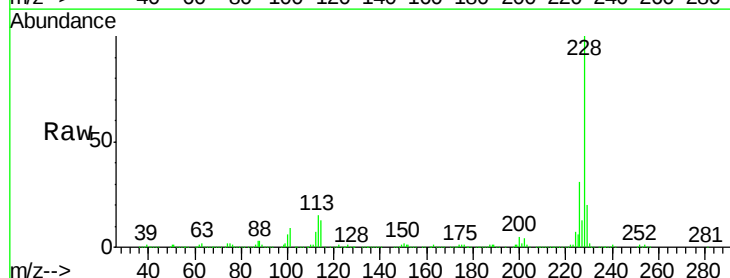
Instrument :
 BNA_F
 ClientSampleId :

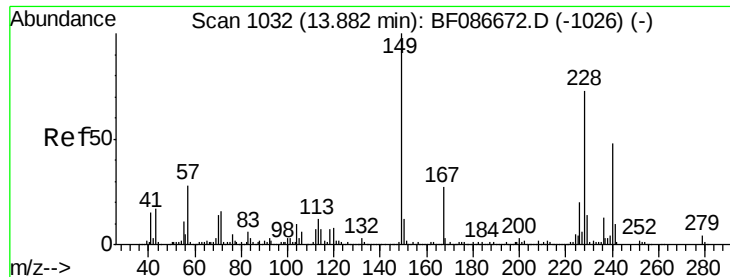
Tot Ion:252 Resp: 1015567
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.7 76.1
 126 6.0 12.7 19.1#



#82
 Chrysene
 Concen: 63.68 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:228 Resp: 1526090
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.1 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 69.30 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

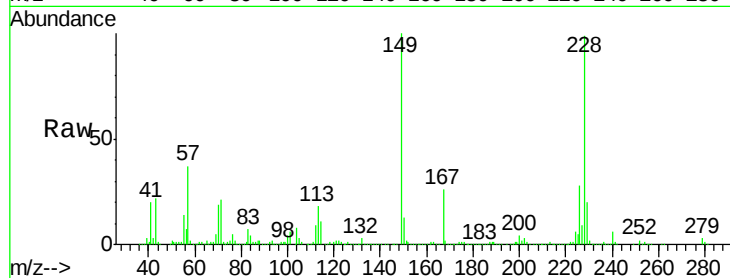
Tot Ion:149 Resp: 1110082

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

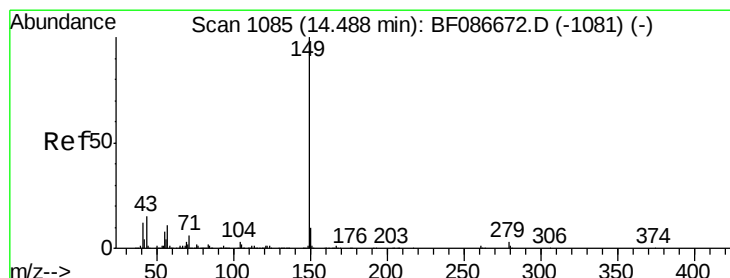
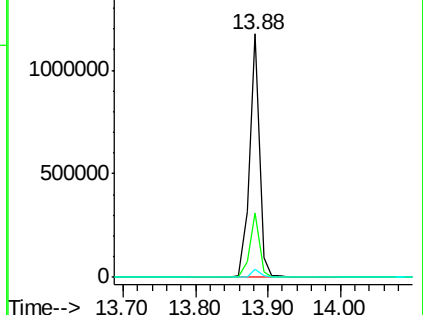
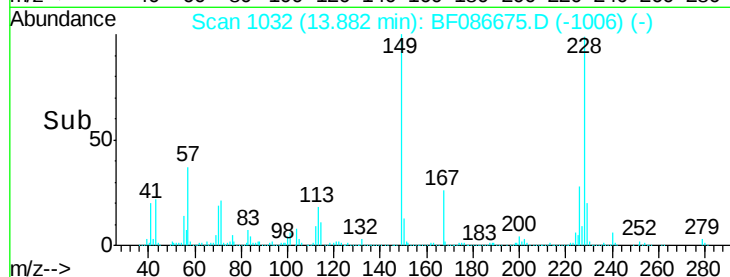
279 3.4 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 72.10 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

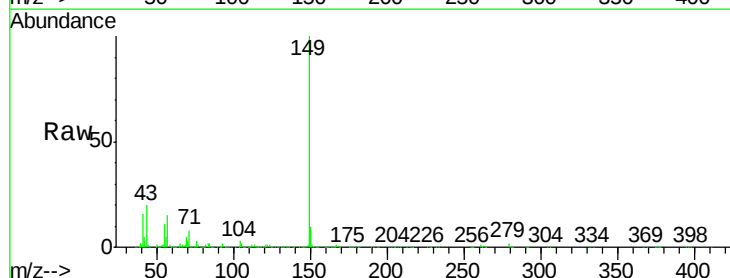
Tgt Ion:149 Resp: 1808816

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

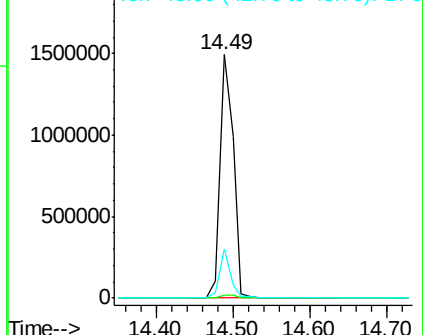
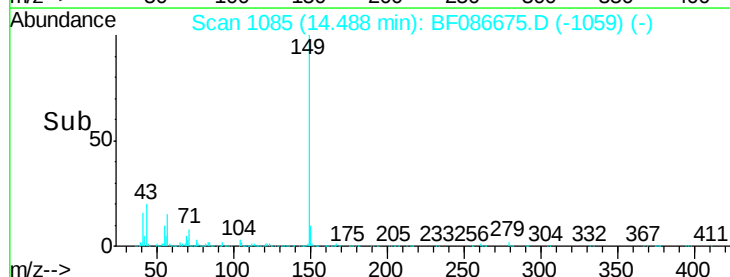
43 16.4 8.2 12.4#

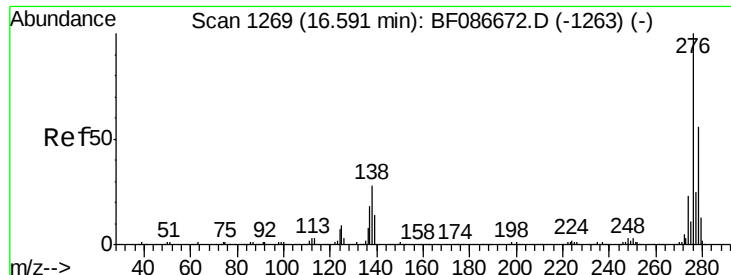


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

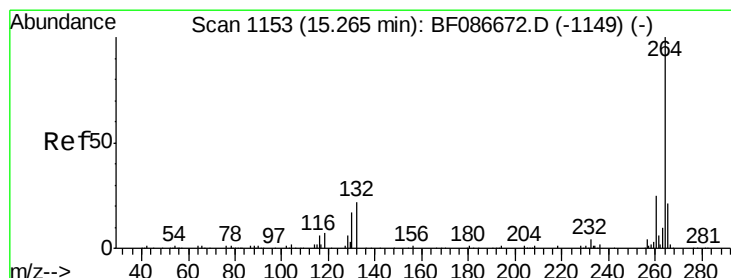
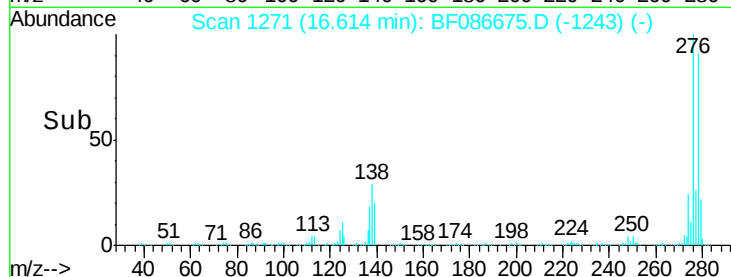
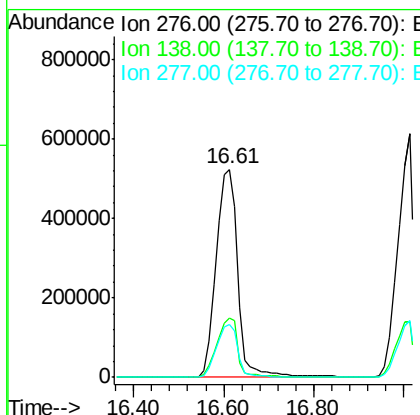
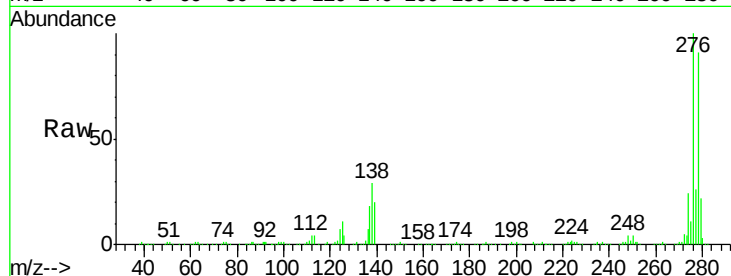




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 99.01 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. 0.02 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

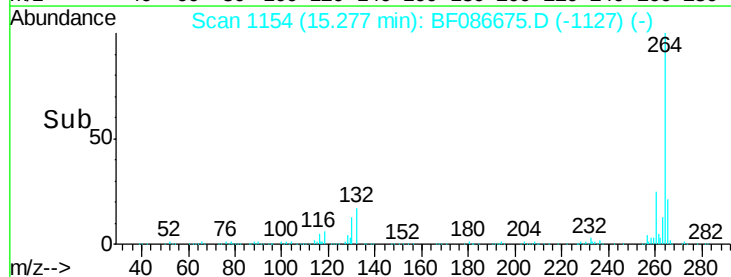
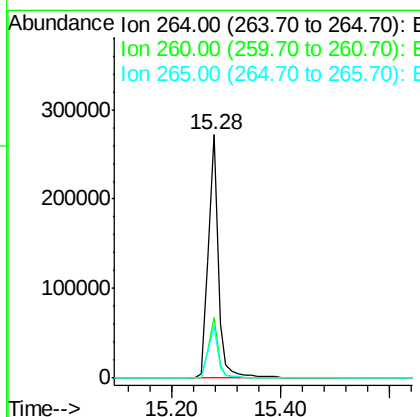
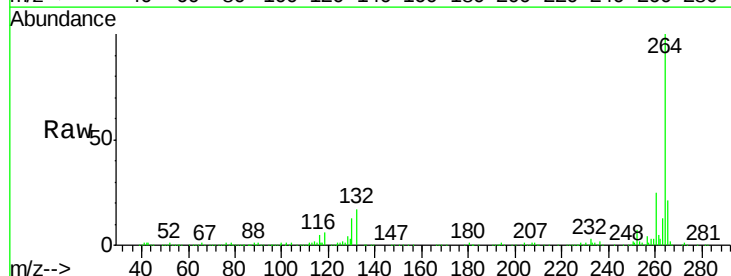
Instrument :
 BNA_F
 ClientSampleId :

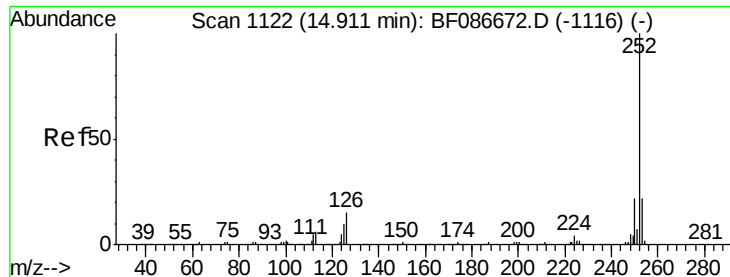
Tot Ion:276 Resp: 1758162
 Ion Ratio Lower Upper
 276 100
 138 28.1 25.6 38.4
 277 25.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086675.D
 Acq: 4 May 2016 14:11

Tgt Ion:264 Resp: 354723
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 145.63 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.03 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

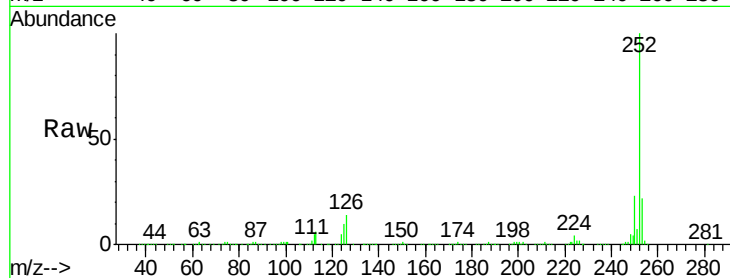
Tot Ion:252 Resp: 3038982

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

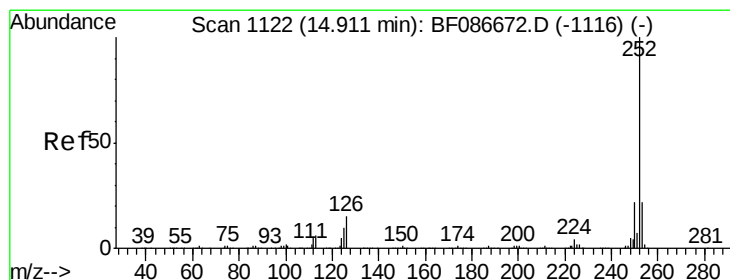
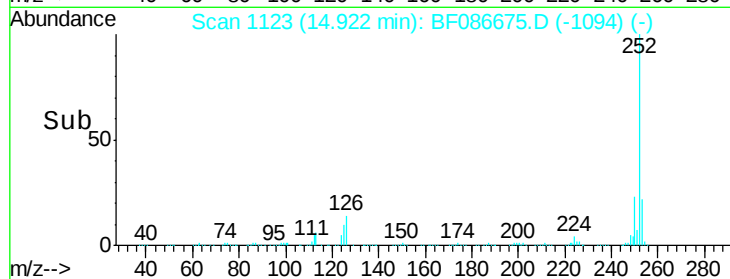
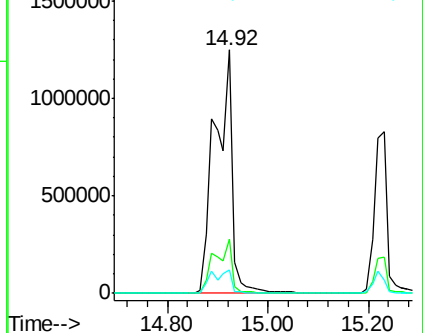
125 9.8 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 139.78 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

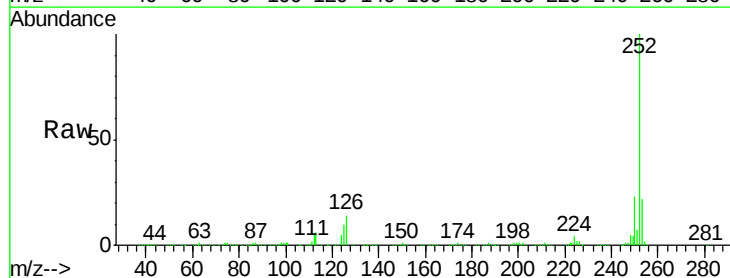
Tgt Ion:252 Resp: 3042500

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

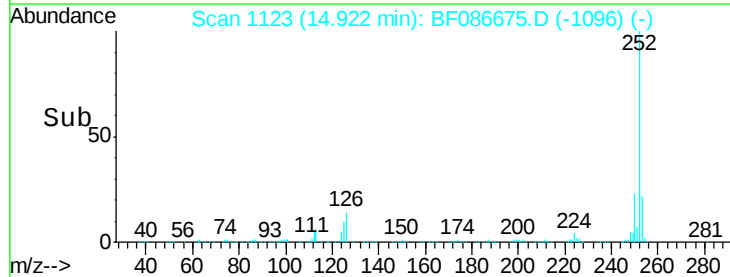
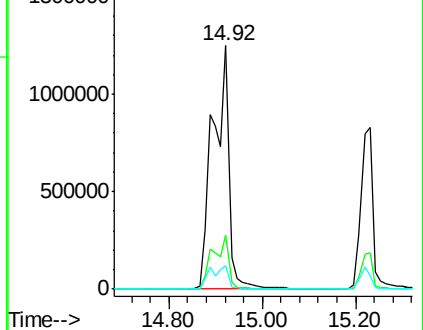
125 9.8 9.1 13.7

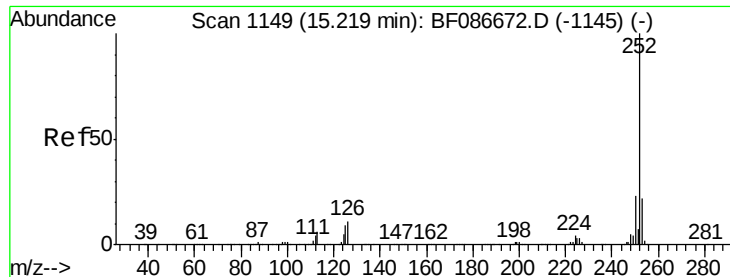


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

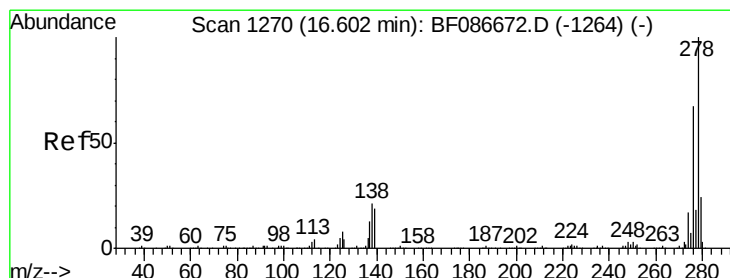
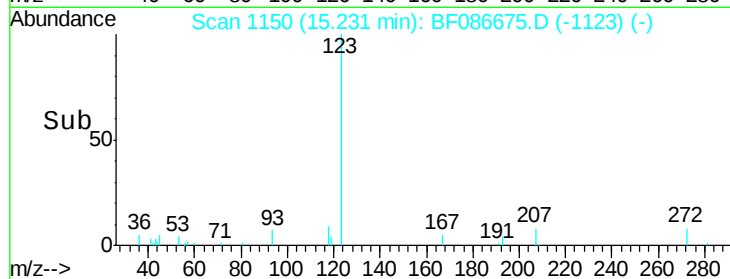
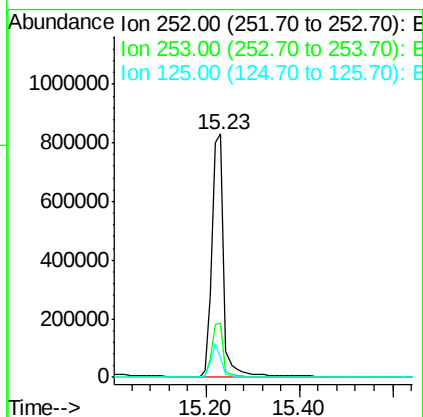
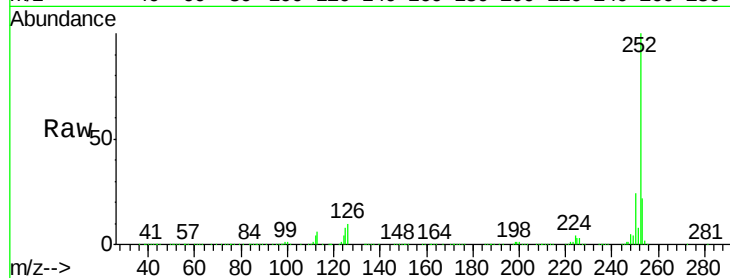




#89
Benzo(a)pyrene
Concen: 75.07 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

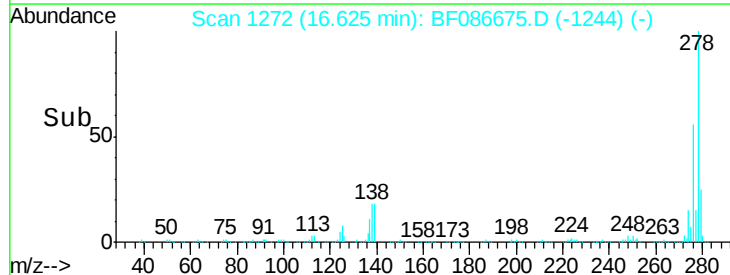
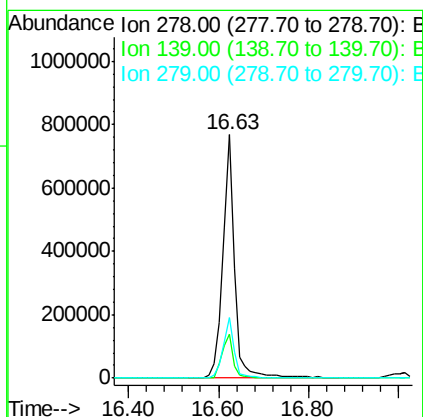
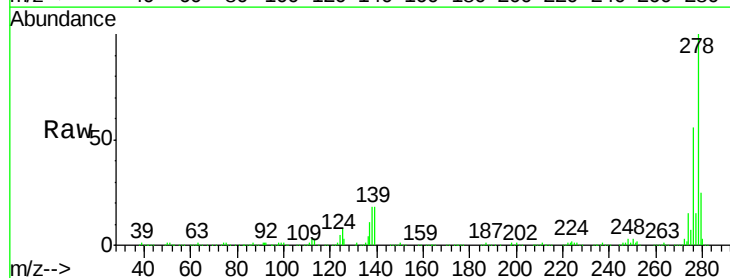
Instrument :
BNA_F
ClientSampled :

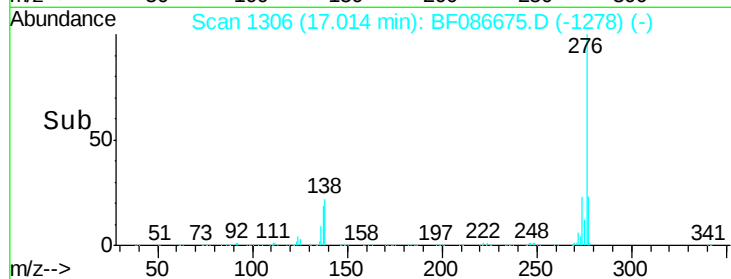
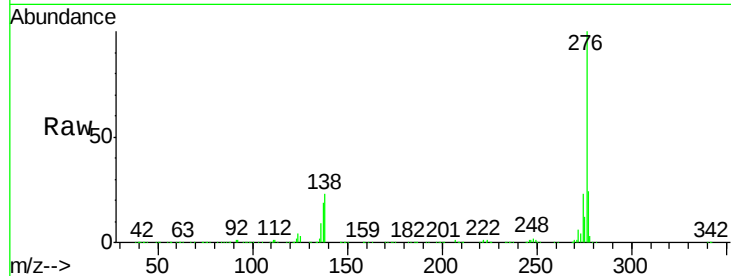
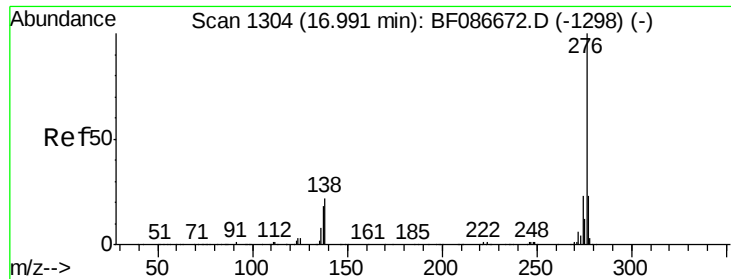
Tot Ion:252 Resp: 1479109
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 7.9 9.0 13.6#



#90
Dibenzo(a,h)anthracene
Concen: 87.48 ng
RT: 16.63 min Scan# 1272
Delta R.T. 0.02 min
Lab File: BF086675.D
Acq: 4 May 2016 14:11

Tgt Ion:278 Resp: 1410467
Ion Ratio Lower Upper
278 100
139 18.3 16.6 24.8
279 24.8 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 93.37 ng

RT: 17.01 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF086675.D

Acq: 4 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1508574

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	22.5	23.6	35.4

