

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086670.D
 Acq On : 4 May 2016 11:48
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 13:27:53 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	196755	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	825404	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	405578	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	769125	20.00	ng	0.00
75) Chrysene-d12	13.88	240	556852	20.00	ng	0.00
86) Perylene-d12	15.27	264	392168	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	252072	22.10	ng	0.00
7) Phenol-d6	6.37	99	354979	22.30	ng	0.00
23) Nitrobenzene-d5	7.30	82	335044	21.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	82344	19.25	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	590231	24.63	ng	0.00
78) Terphenyl-d14	12.83	244	556485	22.02	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.26	88	62021	10.35	ng	# 72
3) Pyridine	2.97	79	137706	9.71	ng	# 69
4) n-Nitrosodimethylamine	2.89	42	88611	10.96	ng	# 56
6) Aniline	6.40	93	210185	10.91	ng	# 95
8) 2-Chlorophenol	6.51	128	153529	10.81	ng	# 79
9) Benzaldehyde	6.28	77	95625	10.32	ng	# 90
10) Phenol	6.38	94	195499	11.01	ng	# 77
11) bis(2-Chloroethyl)ether	6.48	93	156824	10.21	ng	# 97
12) 1,3-Dichlorobenzene	6.91	146	143526	9.39	ng	# 98
13) 1,4-Dichlorobenzene	6.75	146	167339	10.61	ng	# 94
14) 1,2-Dichlorobenzene	6.91	146	156913	10.85	ng	# 96
15) Benzyl Alcohol	6.88	79	107166	10.64	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.02	45	345763	11.25	ng	# 88
17) 2-Methylphenol	7.00	107	121507	10.58	ng	# 96
18) Hexachloroethane	7.25	117	60126	10.20	ng	# 76
19) n-Nitroso-di-n-propylamine	7.15	70	120126	11.42	ng	# 69
20) 3+4-Methylphenols	7.15	107	150066	11.45	ng	# 77
22) Acetophenone	7.15	105	214920	11.87	ng	# 92
24) Nitrobenzene	7.32	77	176976	11.23	ng	# 94
25) Isophorone	7.56	82	326122	11.07	ng	# 98
26) 2-Nitrophenol	7.64	139	77602	10.70	ng	# 91
27) 2,4-Dimethylphenol	7.69	122	135016	10.61	ng	# 95
28) bis(2-Chloroethoxy)methane	7.78	93	177395	11.05	ng	# 98
29) 2,4-Dichlorophenol	7.88	162	121893	11.35	ng	# 98
30) 1,2,4-Trichlorobenzene	7.96	180	131457	10.55	ng	# 95
31) Naphthalene	8.04	128	479663	11.42	ng	# 99
32) Benzoic acid	7.76	122	22536	3.42	ng	# 91
33) 4-Chloroaniline	8.10	127	171621	10.91	ng	# 97
34) Hexachlorobutadiene	8.17	225	80146	11.48	ng	# 98
35) Caprolactam	8.44	113	36645	10.23	ng	# 62
36) 4-Chloro-3-methylphenol	8.58	107	133471	10.86	ng	# 91
37) 2-Methylnaphthalene	8.74	142	277700	11.21	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	126917	10.93	ng	# 99
40) Hexachlorocyclopentadiene	8.89	237	36608	6.35	ng	# 94

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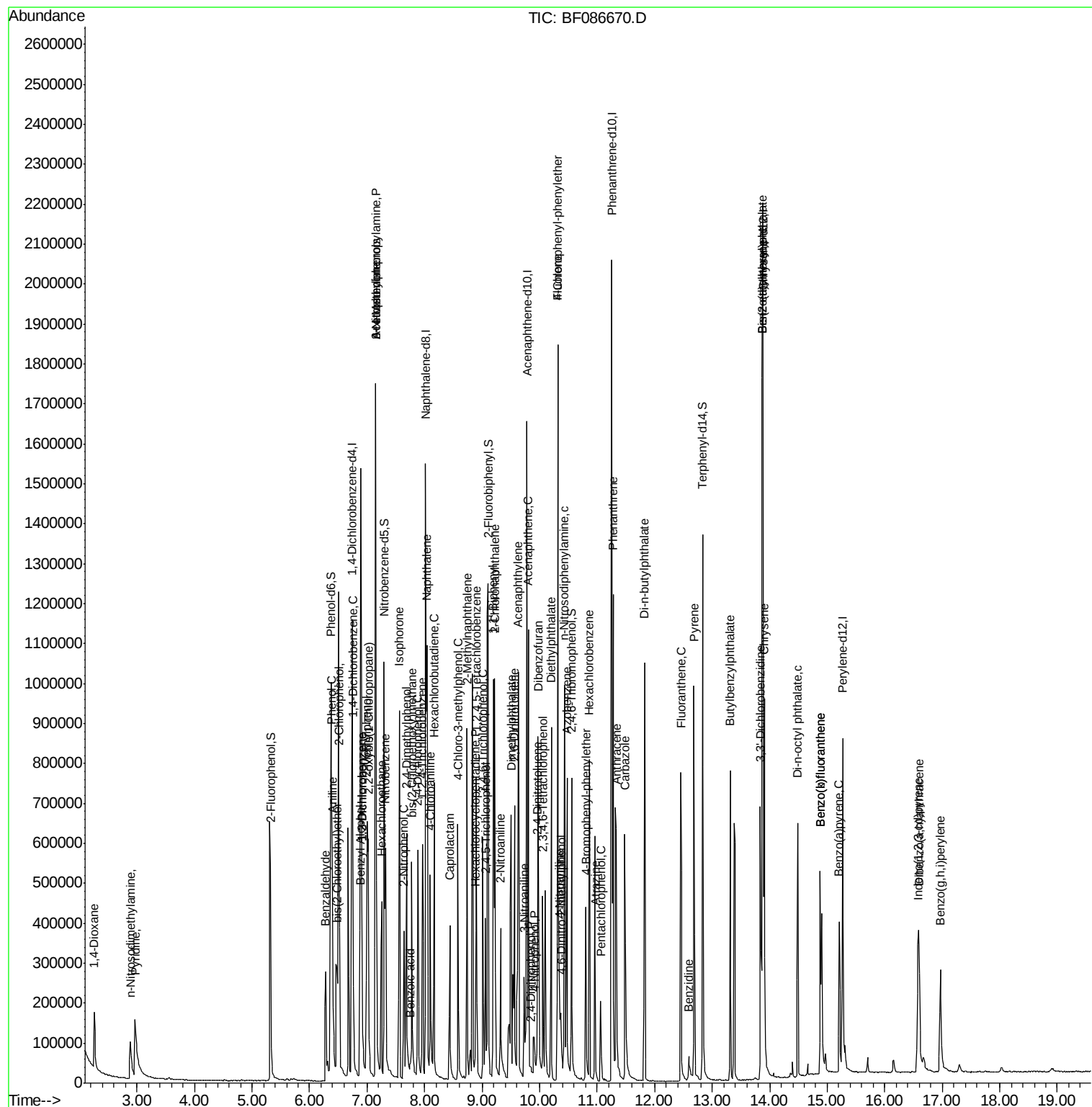
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	75415	10.28	nq	95
43) 2,4,5-Trichlorophenol	9.06	196	79326	9.92	nq	95
45) 1,1'-Biphenyl	9.20	154	363869	10.73	nq	97
46) 2-Chloronaphthalene	9.22	162	285502	11.08	nq	94
47) 2-Nitroaniline	9.32	65	91589	11.08	nq	88
48) Acenaphthylene	9.63	152	436367	10.83	nq	99
49) Dimethylphthalate	9.50	163	331554	10.86	nq	99
50) 2,6-Dinitrotoluene	9.56	165	69908	11.08	nq	90
51) Acenaphthene	9.80	154	269231	10.40	nq	98
52) 3-Nitroaniline	9.73	138	76970	10.73	nq	99
53) 2,4-Dinitrophenol	9.85	184	4539	1.61	nq	# 28
54) Dibenzofuran	9.97	168	341777	10.57	nq	94
55) 4-Nitrophenol	9.90	139	31685	6.75	nq	# 82
56) 2,4-Dinitrotoluene	9.96	165	88306	10.98	nq	# 91
57) Fluorene	10.32	166	296610	10.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	50307	8.04	nq	94
59) Diethylphthalate	10.20	149	321646	11.13	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	147591	11.58	nq	91
61) 4-Nitroaniline	10.34	138	72027	10.27	nq	# 78
62) Azobenzene	10.48	77	349543	11.04	nq	90
64) 4,6-Dinitro-2-methylphenol	10.37	198	16215	3.59	nq	# 79
65) n-Nitrosodiphenylamine	10.43	169	252914	10.52	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	81398	10.27	nq	# 81
67) Hexachlorobenzene	10.86	284	96596	10.53	nq	# 80
68) Atrazine	10.97	200	78780	10.91	nq	96
69) Pentachlorophenol	11.06	266	25524	5.28	nq	97
70) Phenanthrene	11.28	178	440807	10.92	nq	99
71) Anthracene	11.33	178	455172	10.57	nq	98
72) Carbazole	11.48	167	390111	10.22	nq	99
73) Di-n-butylphthalate	11.82	149	478646	11.07	nq	99
74) Fluoranthene	12.45	202	433602	10.64	nq	97
76) Benzidine	12.59	184	68898	3.60	nq	96
77) Pyrene	12.68	202	434044	10.82	nq	99
79) Butylbenzylphthalate	13.31	149	168632	9.70	nq	# 66
80) Benzo(a)anthracene	13.87	228	328039	11.05	nq	98
81) 3,3'-Dichlorobenzidine	13.84	252	195532	9.85	nq	99
82) Chrysene	13.90	228	337315	10.45	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	208489	9.67	nq	# 93
84) Di-n-octyl phthalate	14.49	149	295994	8.76	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.58	276	247079	10.33	nq	96
87) Benzo(b)fluoranthene	14.88	252	499022	21.63	nq	98
88) Benzo(k)fluoranthene	14.88	252	500089	20.78	nq	99
89) Benzo(a)pyrene	15.21	252	221764	10.18	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	206383	11.58	nq	97
91) Benzo(g,h,i)perylene	16.97	276	206116	11.54	nq	96

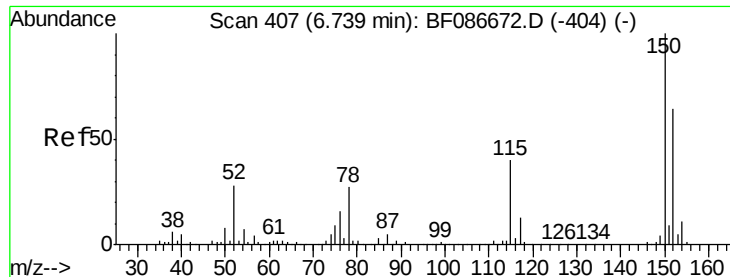
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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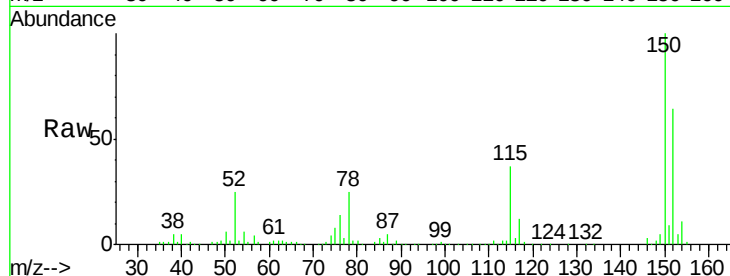


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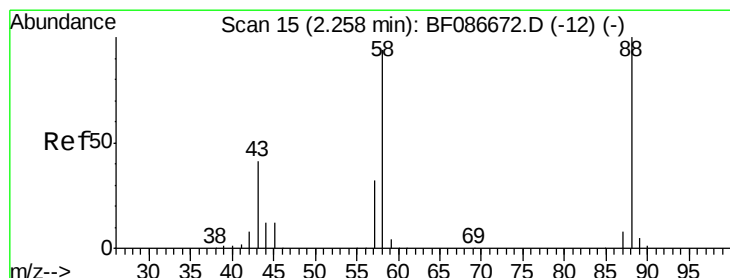
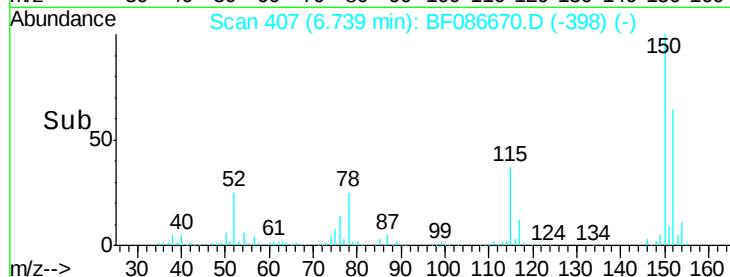
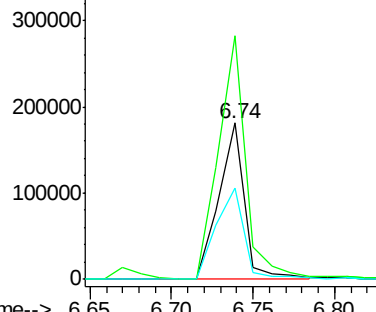
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.8	188.6
115	58.3	51.5	77.3



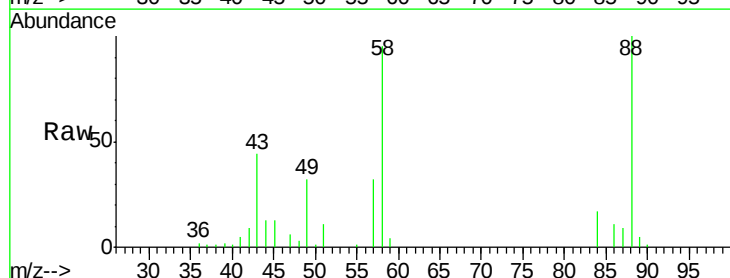
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



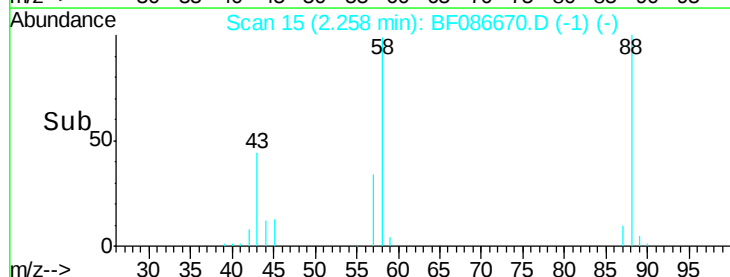
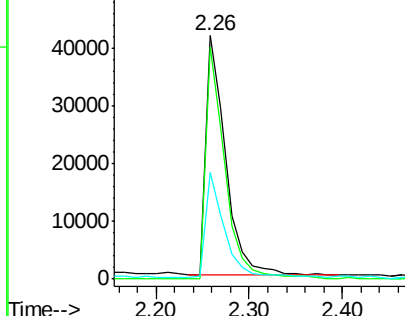
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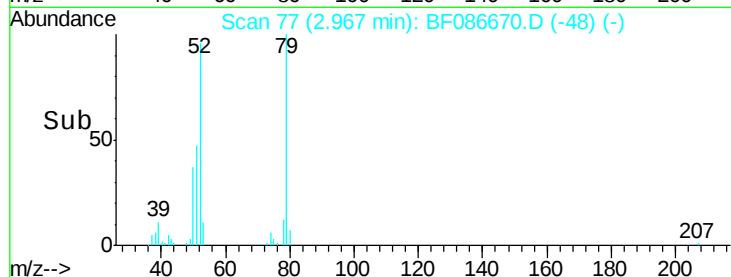
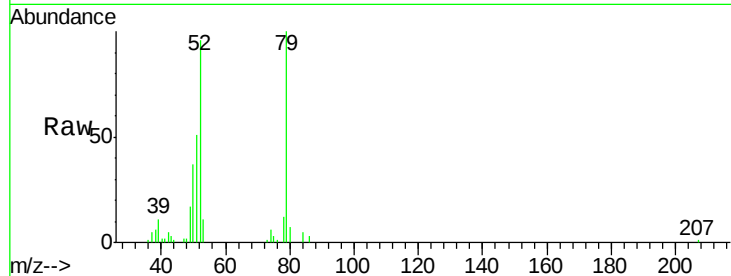
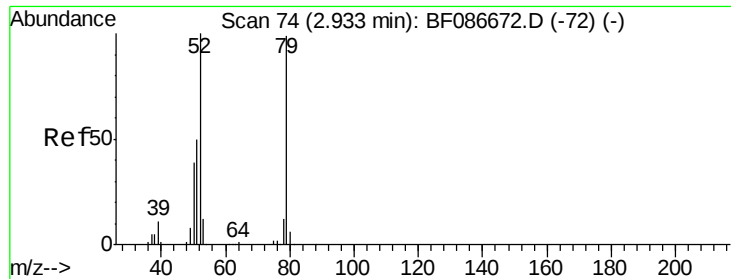
1,4-Dioxane
Concen: 10.35 ng
RT: 2.26 min Scan# 15
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.3	59.6	89.4#
43	48.2	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

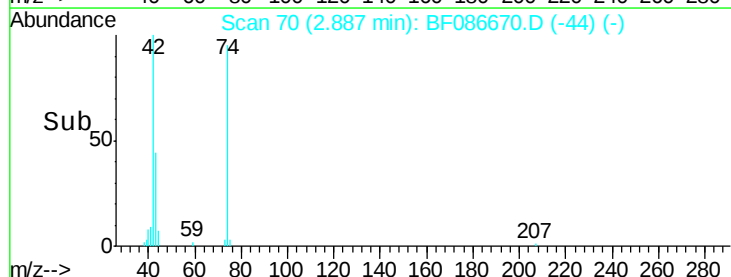
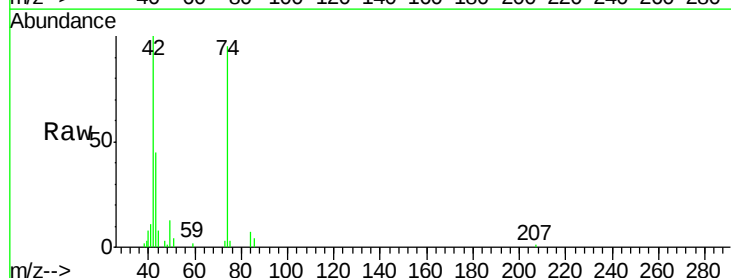
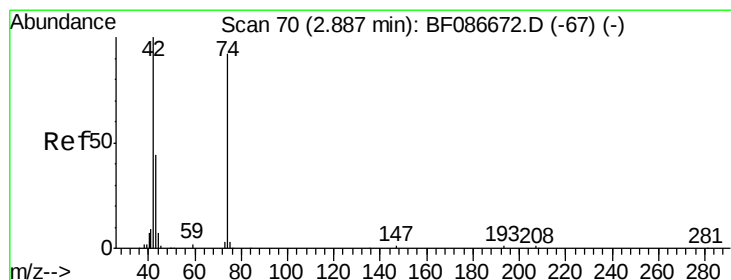
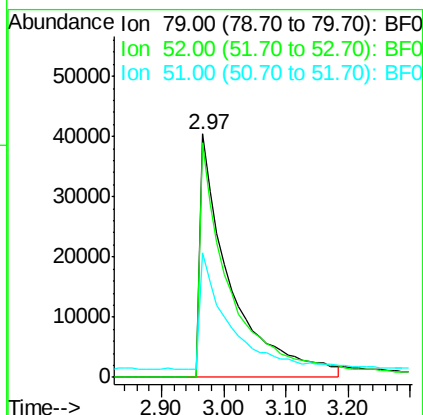




#3
 Pvridine
 Concen: 9.71 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.03 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

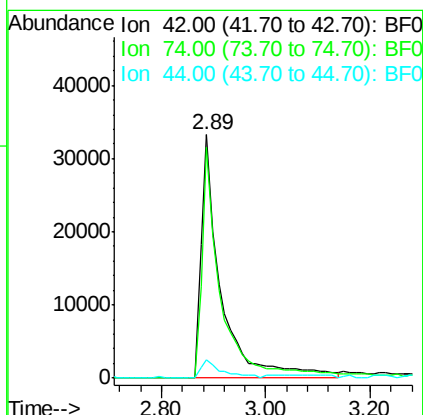
Instrument :
 BNA_F
 ClientSampleId :

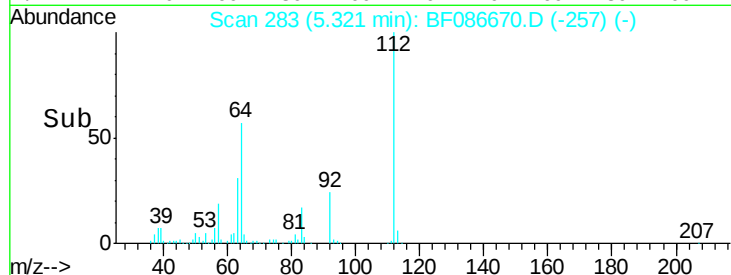
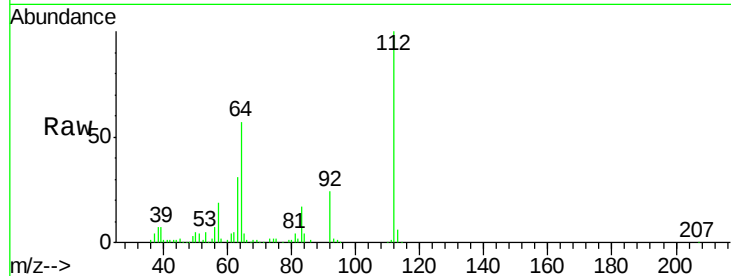
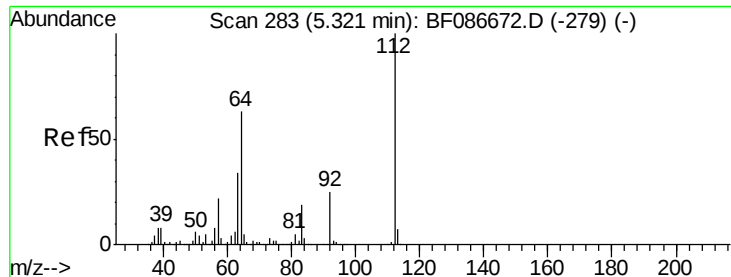
Tot Ion	Ratio	Lower	Upper
79	100		
52	96.4	55.9	83.9#
51	51.0	28.1	42.1#



#4
 n-Nitrosodimethylamine
 Concen: 10.96 ng
 RT: 2.89 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.6	123.4	185.0#
44	7.6	5.8	8.6





#5

2-Fluorophenol

Concen: 22.10 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 252072

Ion Ratio Lower Upper

112 100

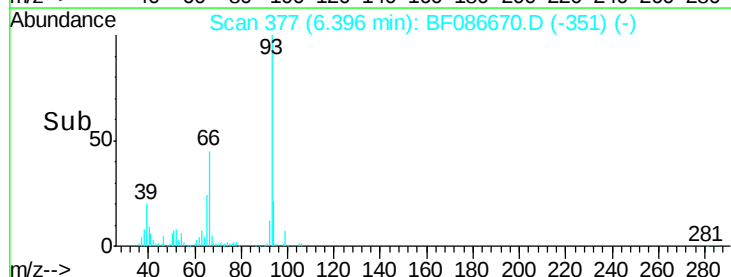
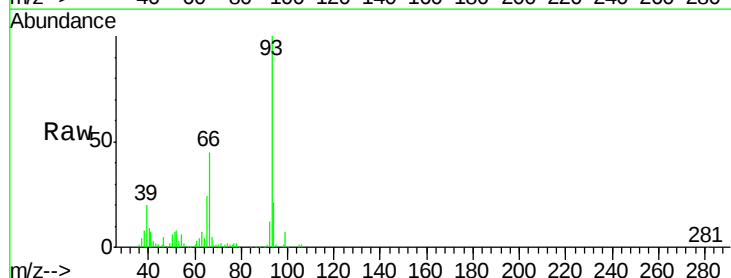
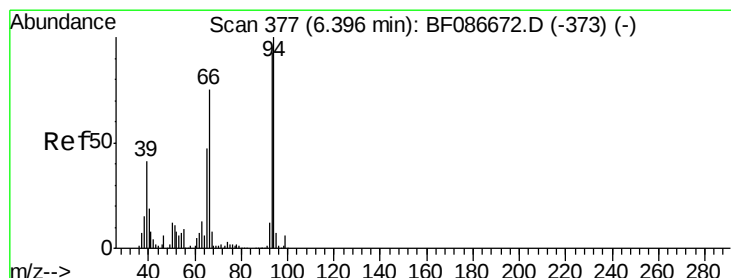
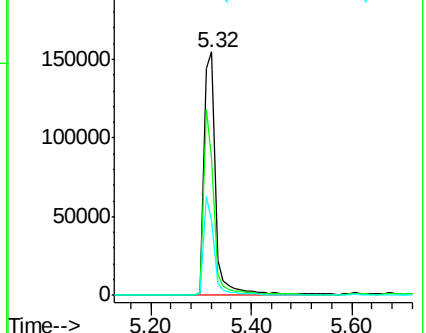
64 56.6 52.1 78.1

63 30.7 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: 10.91 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Tgt Ion: 93 Resp: 210185

Ion Ratio Lower Upper

93 100

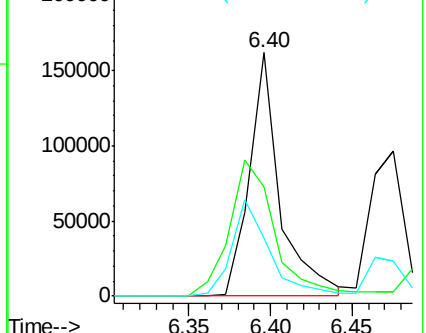
66 44.9 39.0 58.6

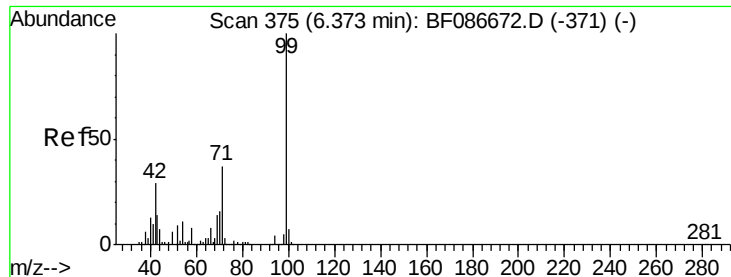
65 24.0 20.6 31.0

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: 22.30 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

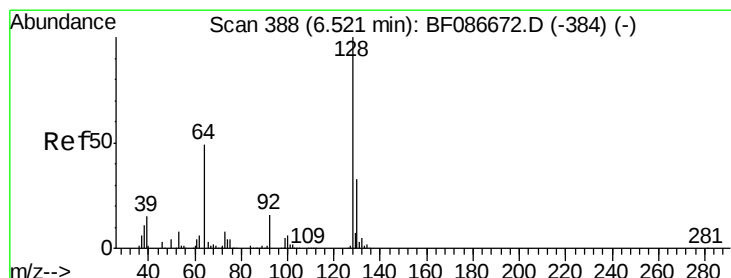
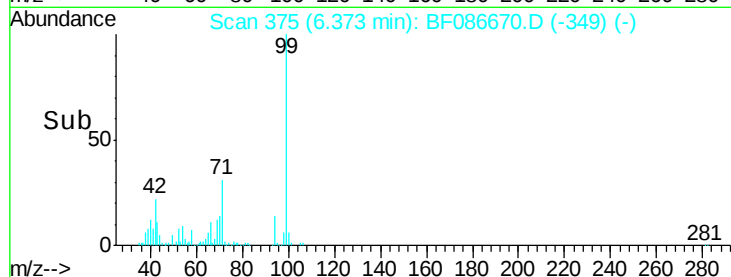
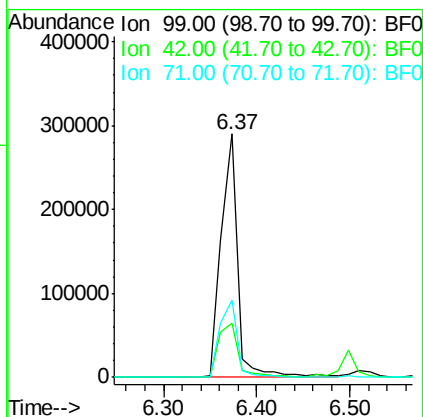
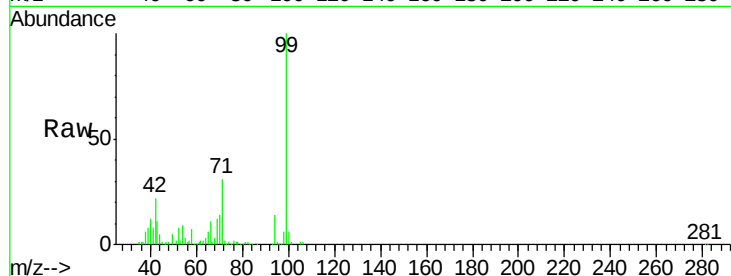
Tot Ion: 99 Resp: 354979

Ion Ratio Lower Upper

99 100

42 22.5 13.6 20.4#

71 31.5 24.6 36.8



#8

2-Chlorophenol

Concen: 10.81 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

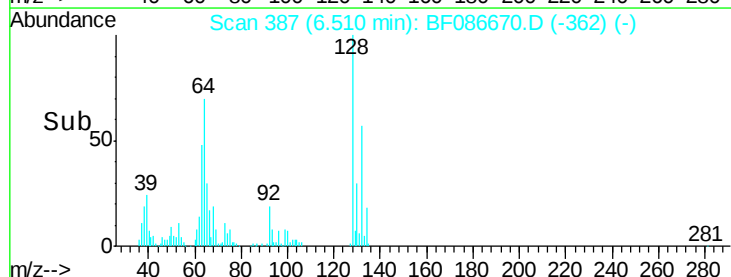
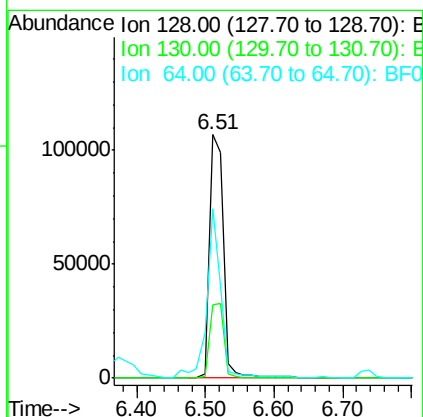
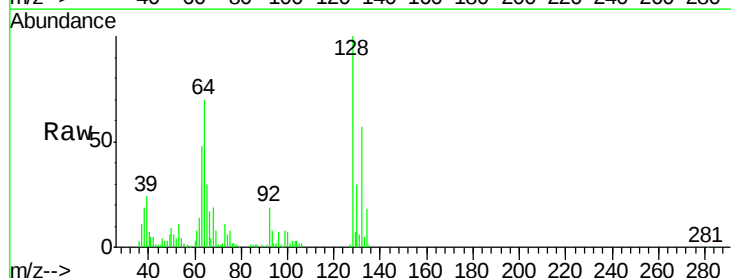
Tgt Ion: 128 Resp: 153529

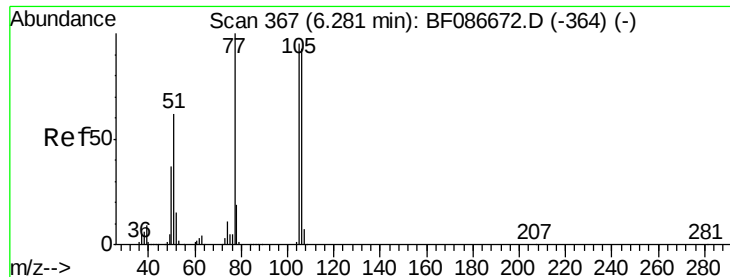
Ion Ratio Lower Upper

128 100

130 30.1 12.5 52.5

64 69.6 27.3 67.3#





#9

Benzaldehyde

Concen: 10.32 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.00 min

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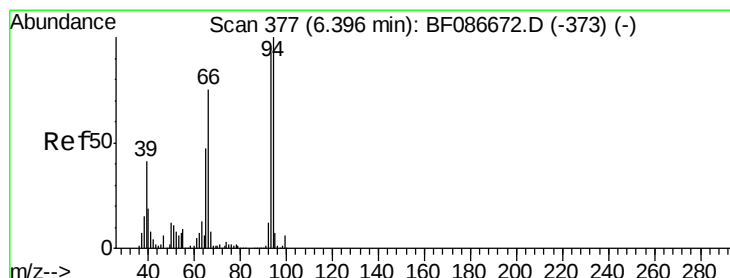
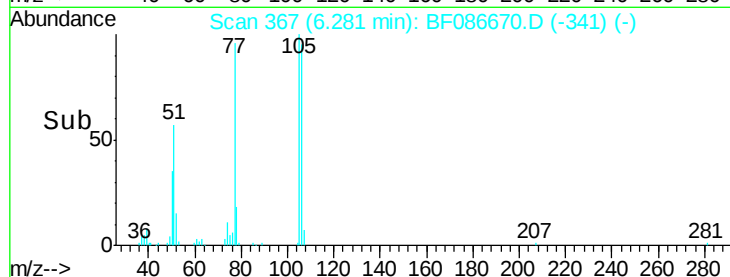
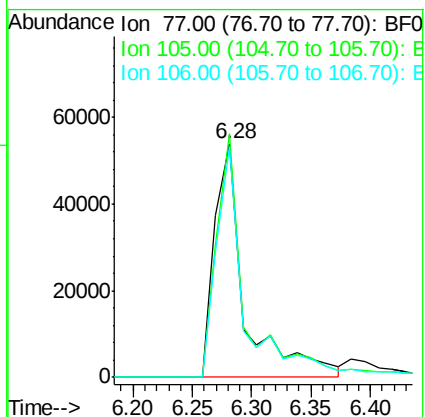
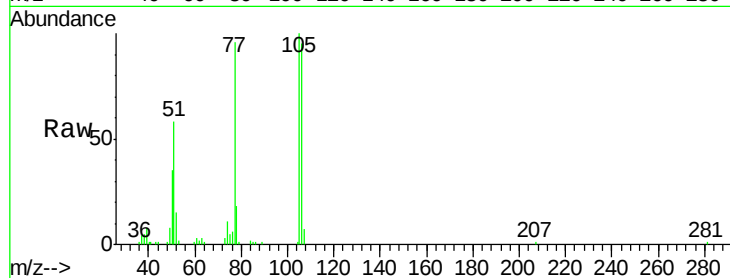
Tot Ion: 77 Resp: 95625

Ion Ratio Lower Upper

77 100

105 104.1 72.7 112.7

106 98.7 70.8 110.8



#10

Phenol

Concen: 11.01 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

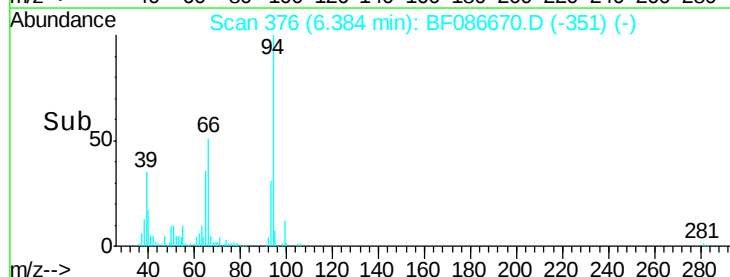
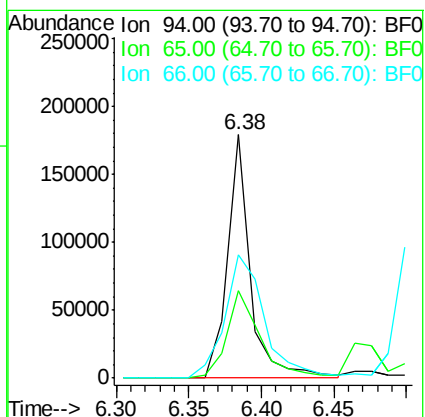
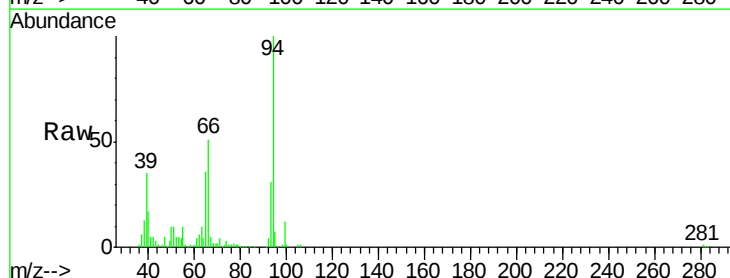
Tgt Ion: 94 Resp: 195499

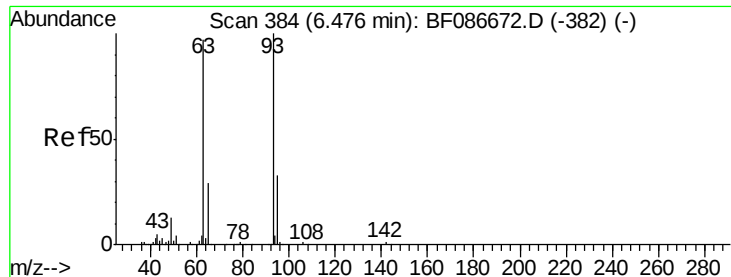
Ion Ratio Lower Upper

94 100

65 35.9 7.2 47.2

66 50.6 14.9 54.9

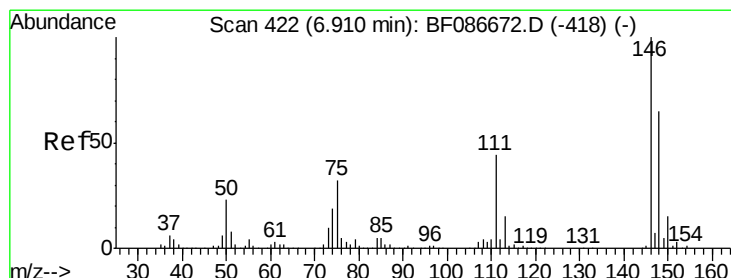
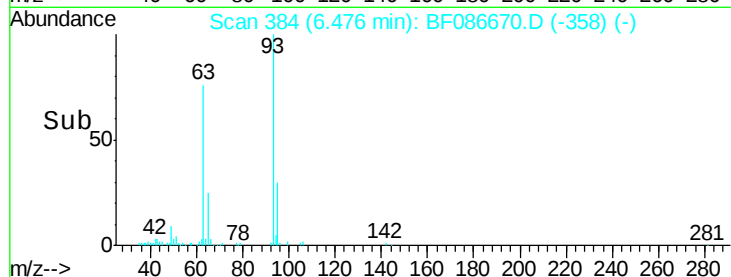
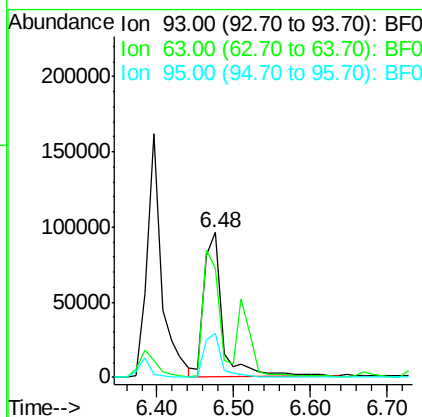
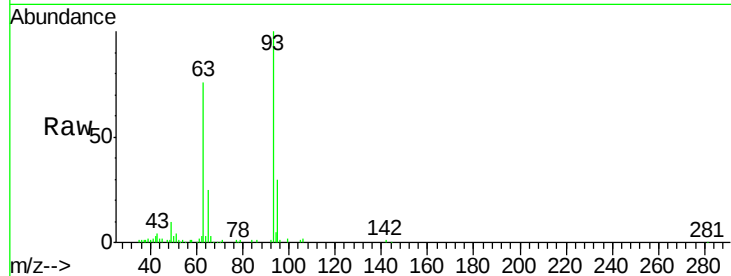




#11
bis(2-Chloroethyl)ether
Concen: 10.21 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

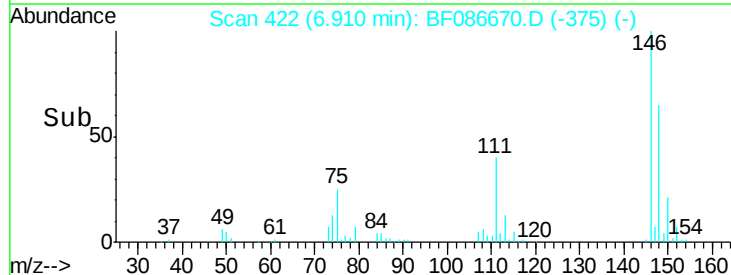
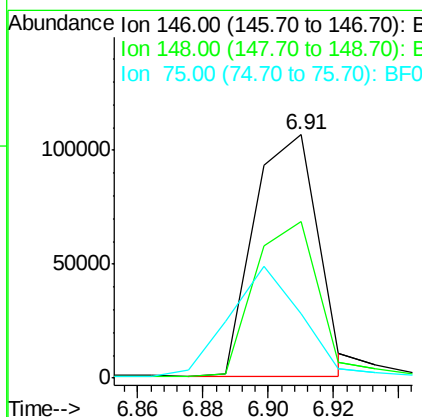
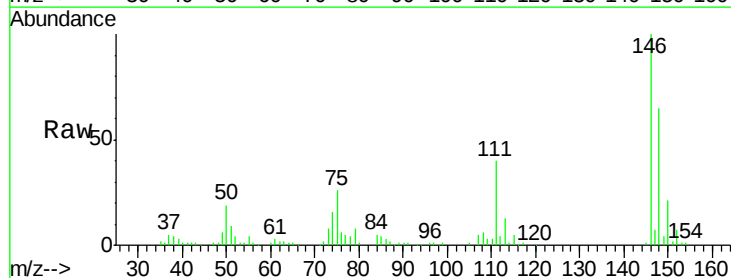
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 156824
Ion Ratio Lower Upper
93 100
63 75.6 58.0 98.0
95 30.5 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 9.39 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.24 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion: 146 Resp: 143526
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
75 26.4 22.8 34.2

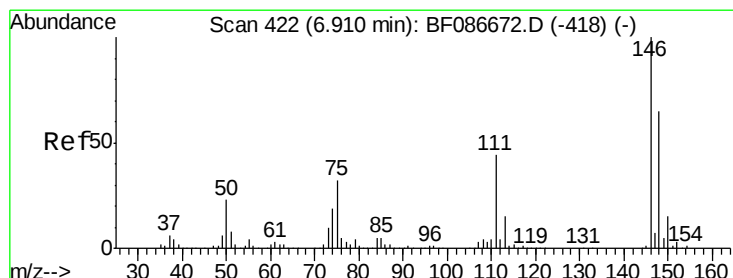
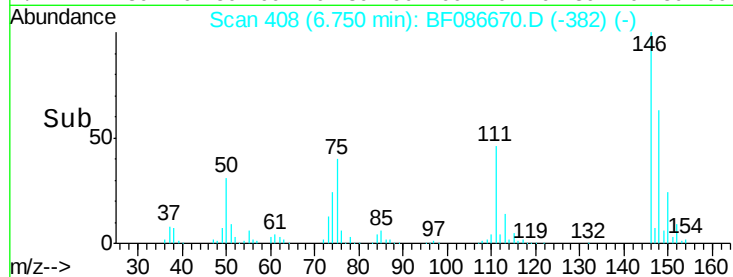
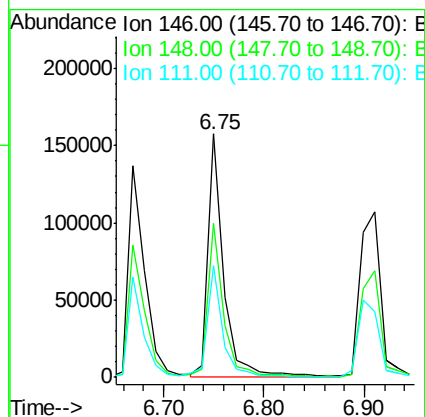
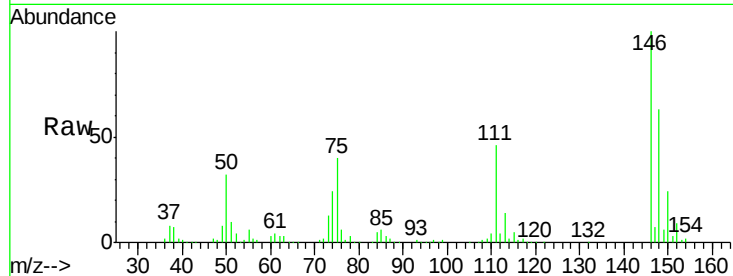




#13
 1,4-Dichlorobenzene
 Concen: 10.61 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

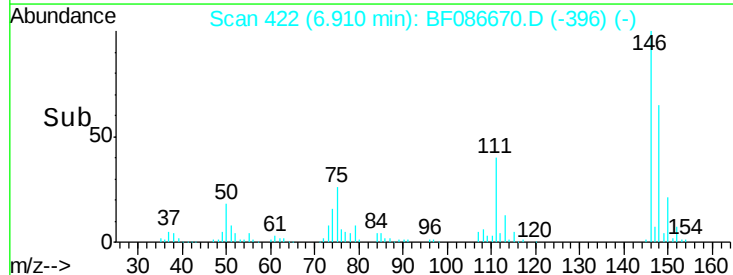
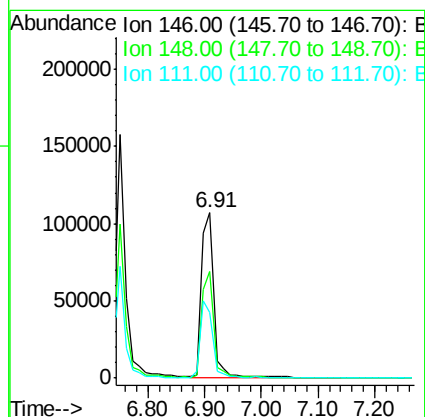
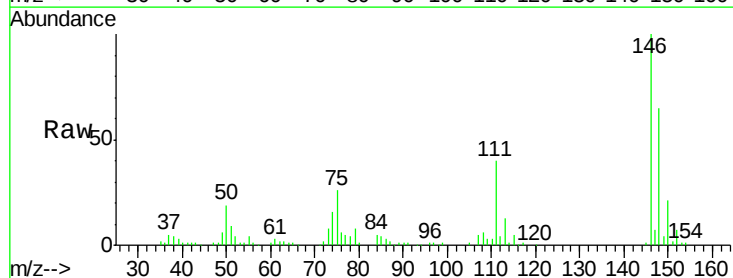
Instrument :
 BNA_F
 ClientSampleId :

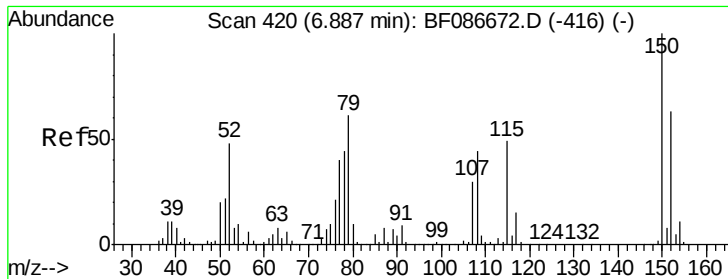
Tot Ion:146 Resp: 167339
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 45.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 10.85 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:146 Resp: 156913
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 39.5 36.2 54.4

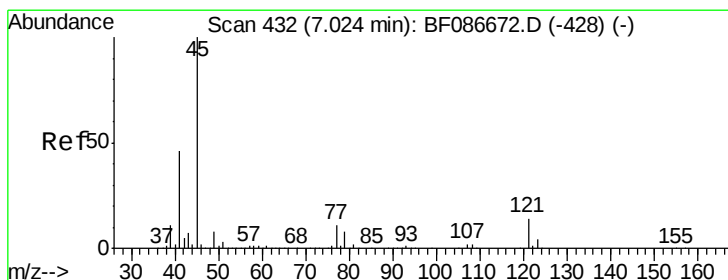
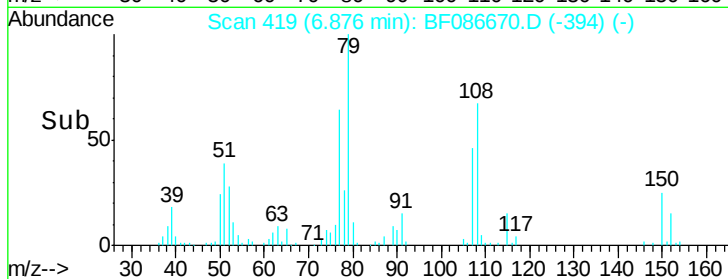
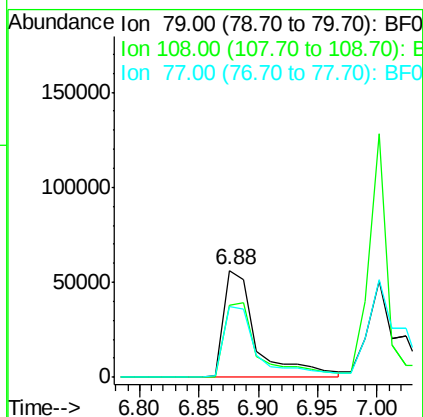
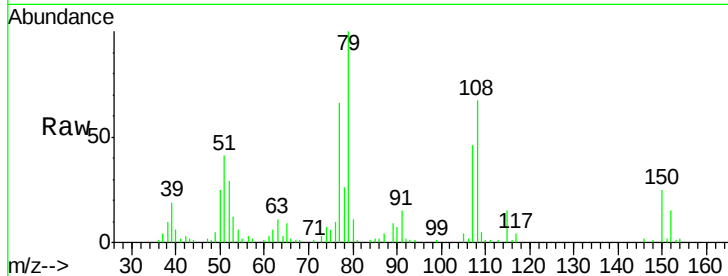




#15
Benzyl Alcohol
Concen: 10.64 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

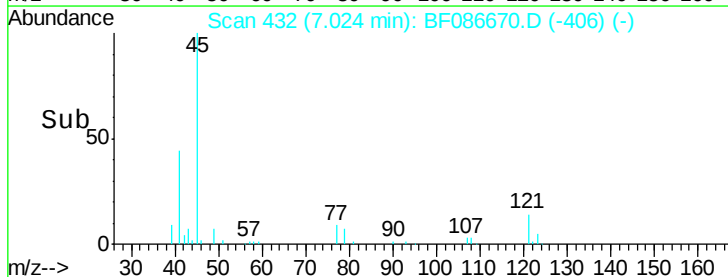
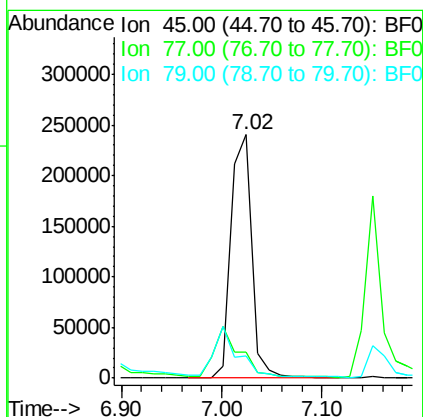
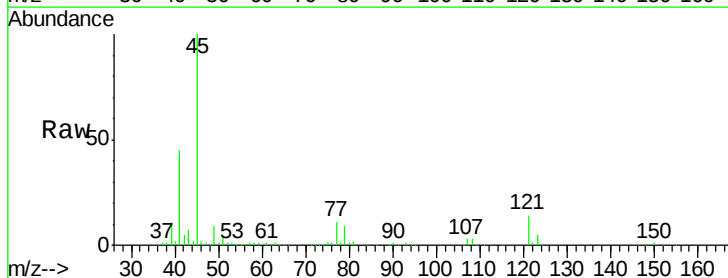
Instrument :
BNA_F
ClientSampled :

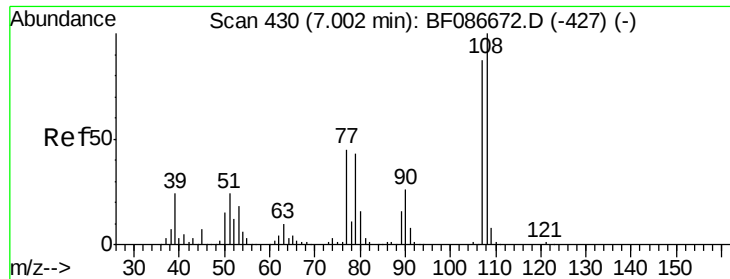
Tot Ion: 79 Resp: 107166
Ion Ratio Lower Upper
79 100
108 67.3 68.4 102.6#
77 65.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.25 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion: 45 Resp: 345763
Ion Ratio Lower Upper
45 100
77 10.8 0.0 36.4
79 9.1 0.0 33.4





#17

2-Methylphenol

Concen: 10.58 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 121507

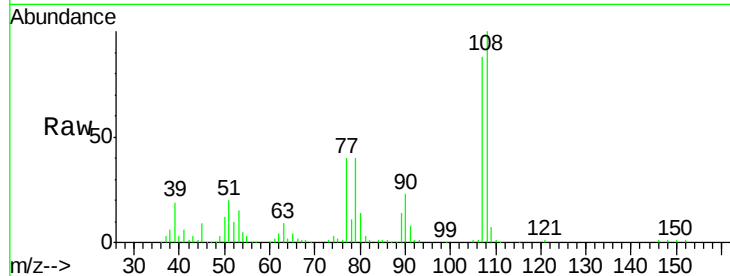
Ion Ratio Lower Upper

107 100

108 113.1 93.7 140.5

77 45.3 33.4 50.0

79 44.7 34.3 51.5

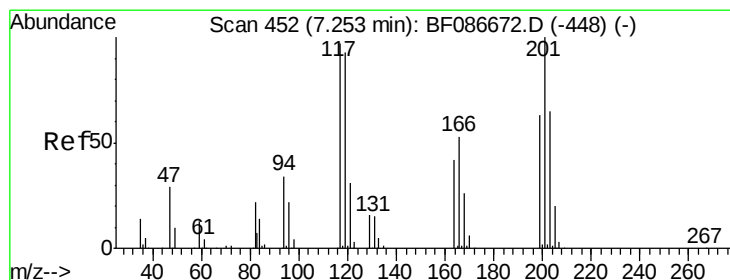
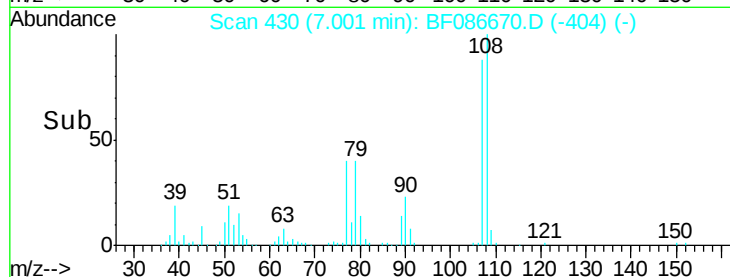
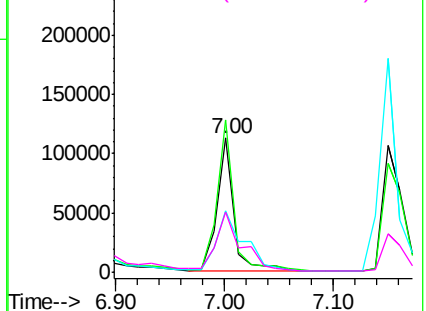


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 10.20 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

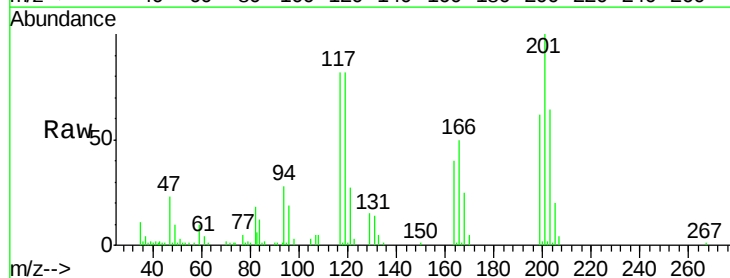
Tgt Ion:117 Resp: 60126

Ion Ratio Lower Upper

117 100

119 99.5 76.5 114.7

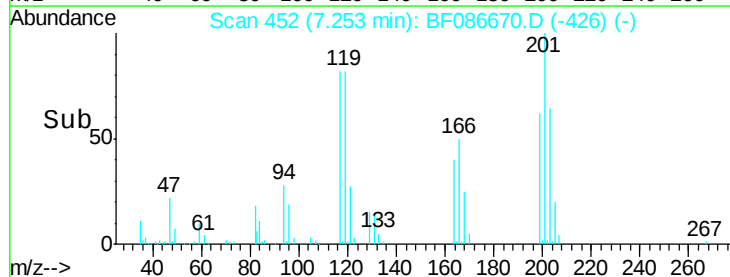
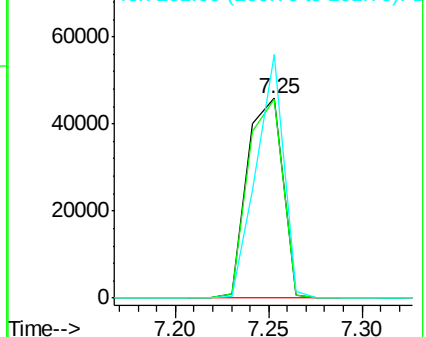
201 121.7 63.0 94.6#

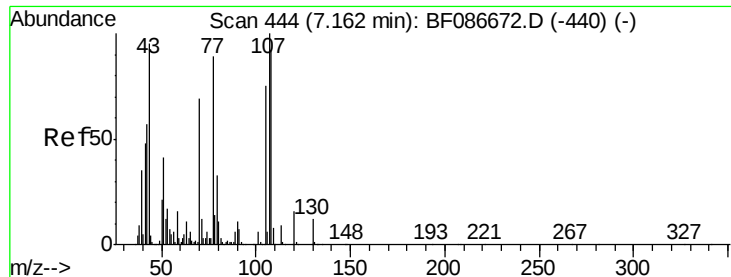


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

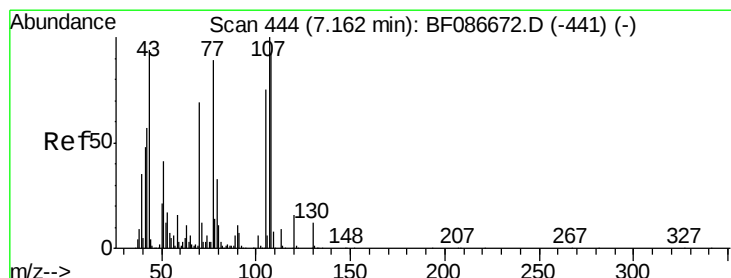
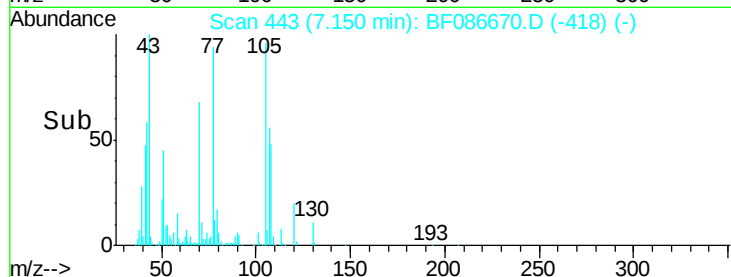
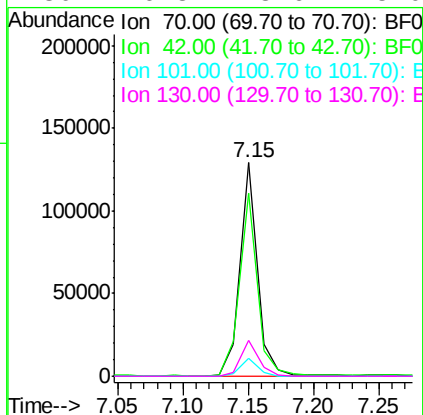
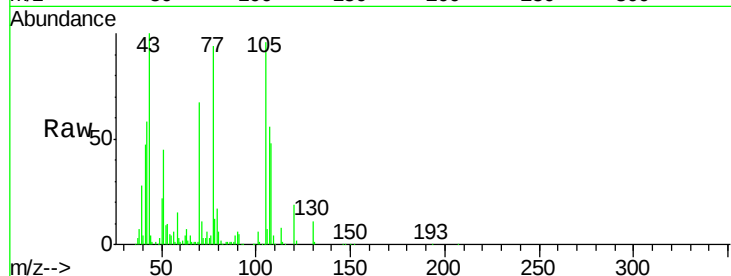




#19
n-Nitroso-di-n-propylamine
Concen: 11.42 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

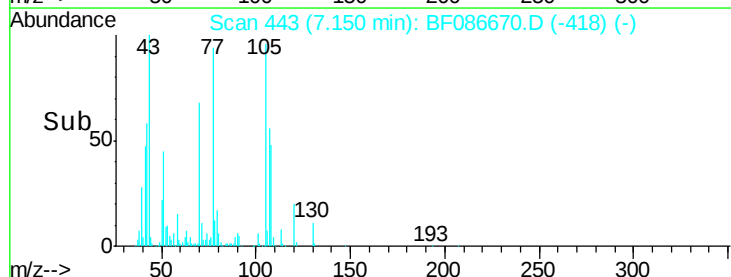
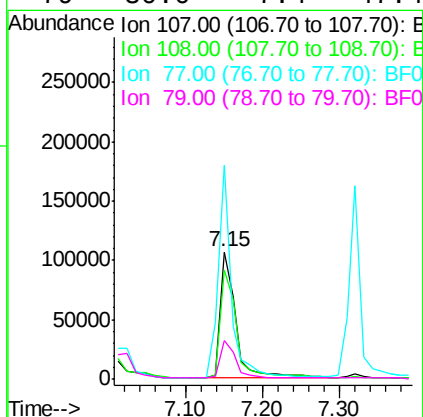
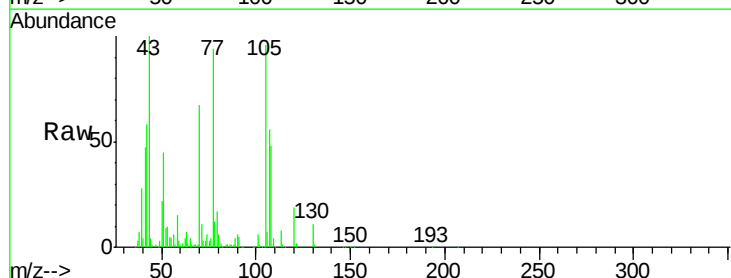
Instrument :
BNA_F
ClientSampleId :

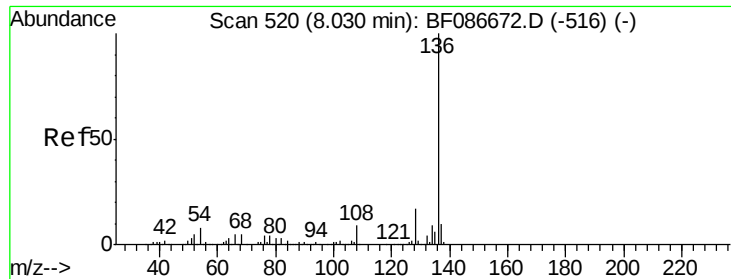
Tot Ion	Ratio	Lower	Upper
70	100		
42	85.7	43.1	64.7#
101	8.4	8.1	12.1
130	16.8	18.6	28.0#



#20
3+4-Methylphenols
Concen: 11.45 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.5	108.5
77	168.0	101.6	141.6#
79	30.0	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 825404

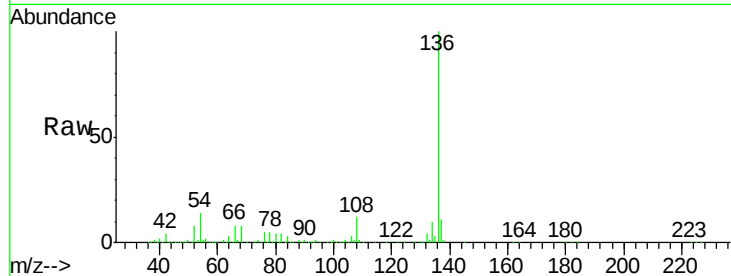
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.3 5.0 7.4#

68 7.8 4.4 6.6#

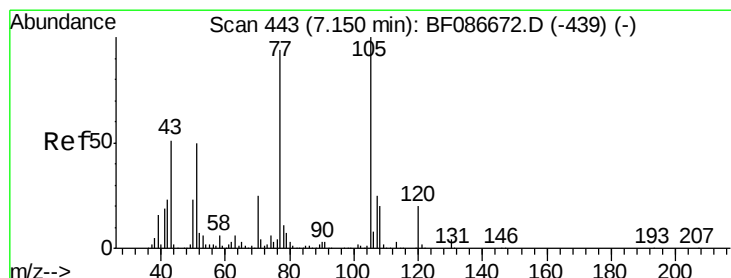
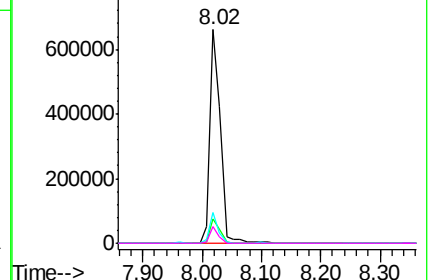
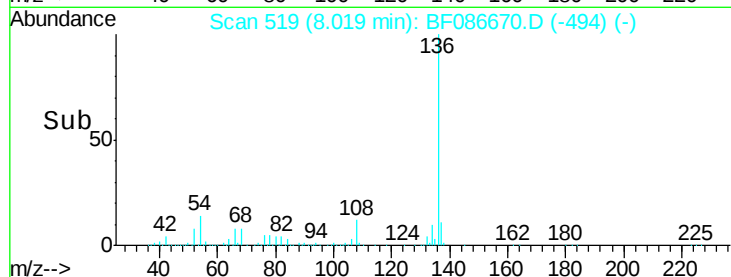


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 11.87 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Tgt Ion:105 Resp: 214920

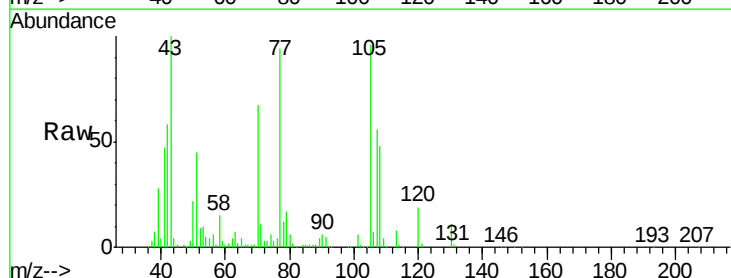
Ion Ratio Lower Upper

105 100

71 11.6 4.8 7.2#

51 47.0 32.6 49.0

120 20.3 16.5 24.7

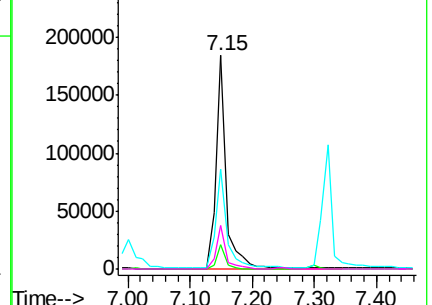
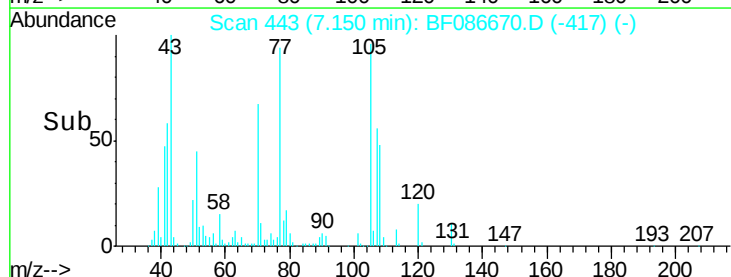


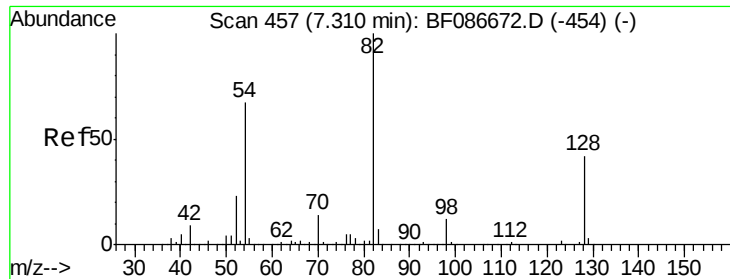
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

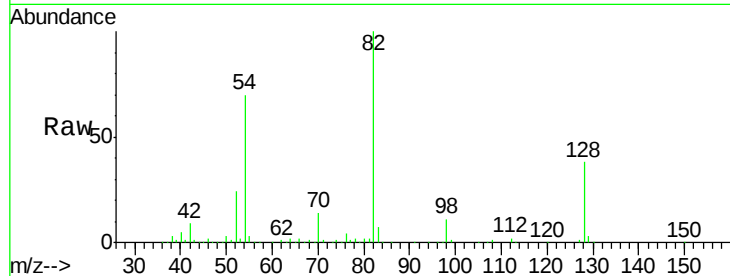




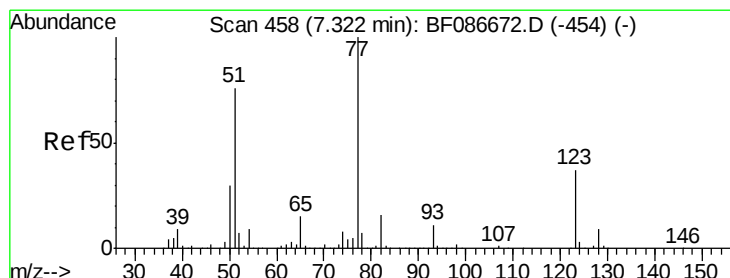
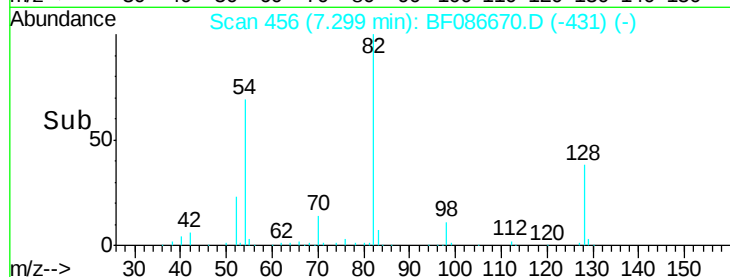
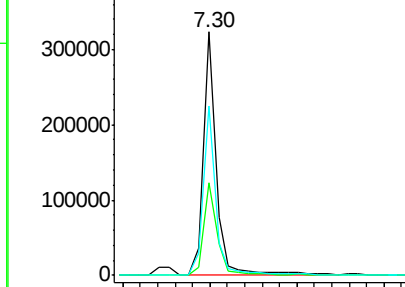
#23
Nitrobenzene-d5
Concen: 21.88 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 335044
Ion Ratio Lower Upper
82 100
128 38.0 40.6 61.0#
54 69.8 38.1 57.1#

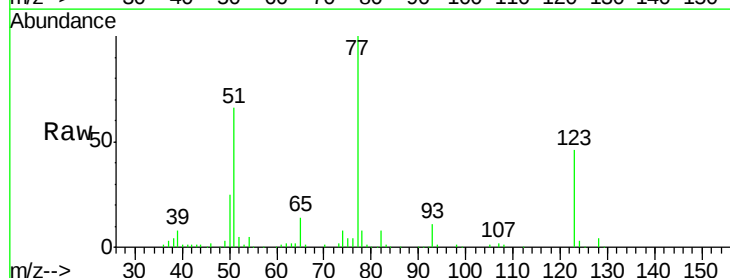


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

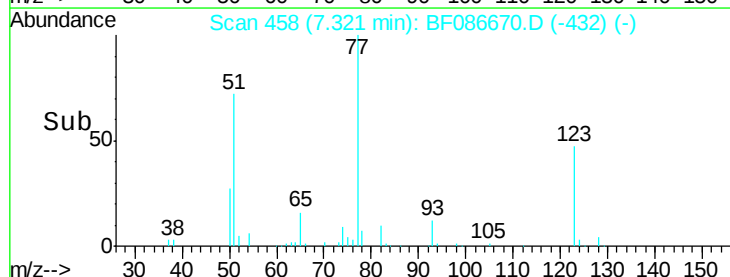
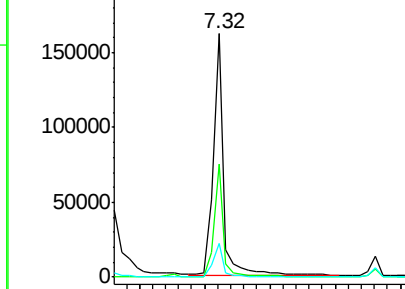


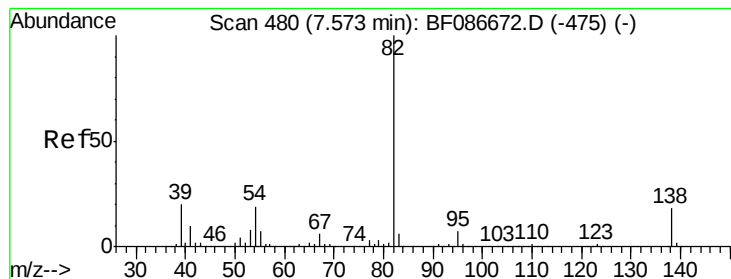
#24
Nitrobenzene
Concen: 11.23 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion: 77 Resp: 176976
Ion Ratio Lower Upper
77 100
123 46.3 33.0 49.4
65 14.0 10.8 16.2



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





#25

Isophorone

Concen: 11.07 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

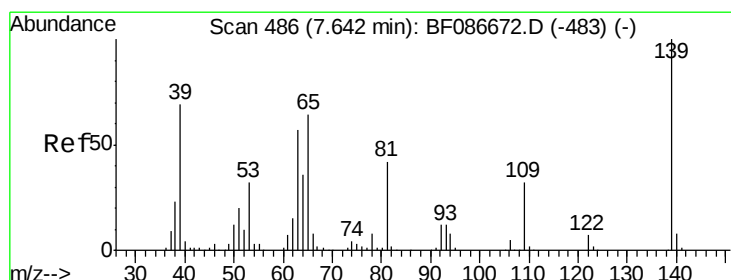
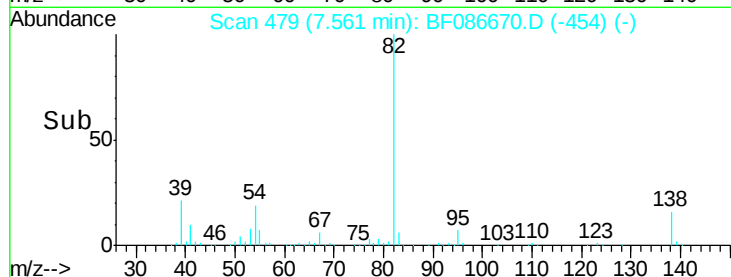
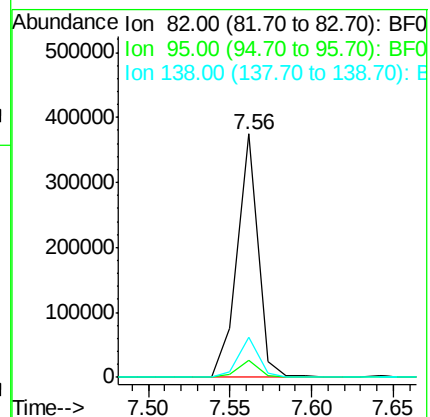
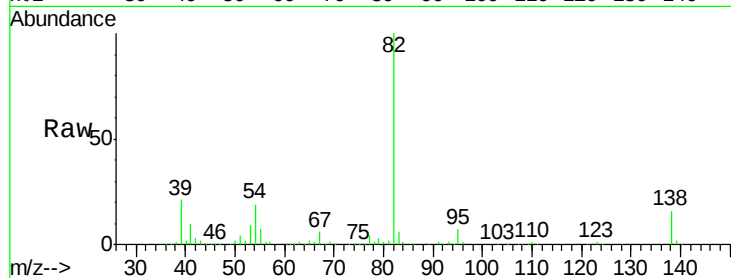
Tot Ion: 82 Resp: 326122

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

138 16.4 12.4 18.6



#26

2-Nitrophenol

Concen: 10.70 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

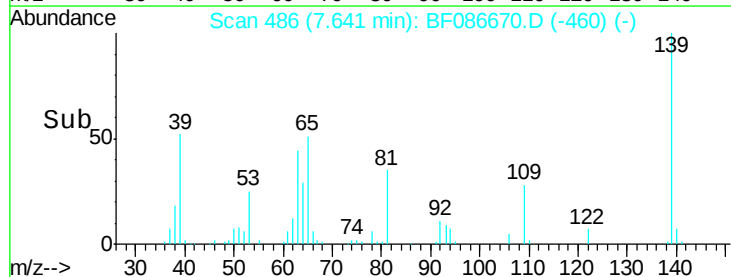
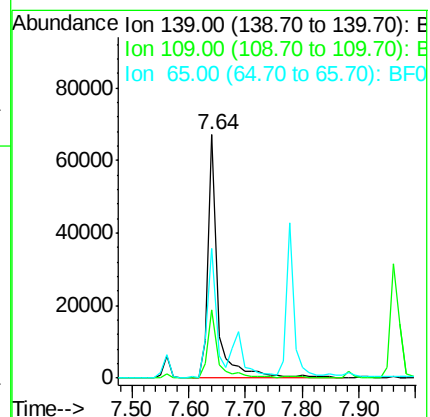
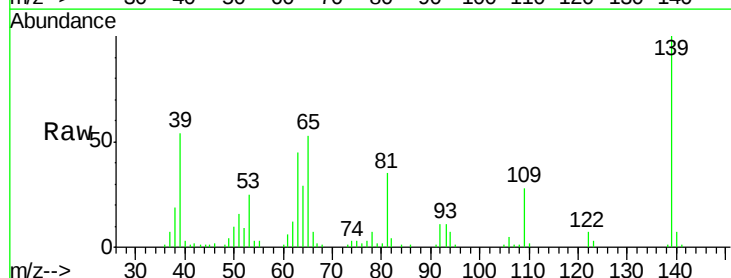
Tgt Ion: 139 Resp: 77602

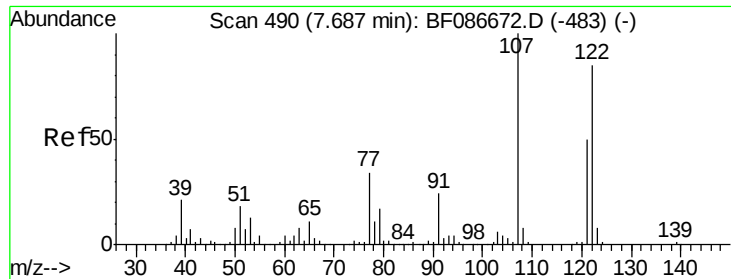
Ion Ratio Lower Upper

139 100

109 28.0 19.5 29.3

65 53.0 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 10.61 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

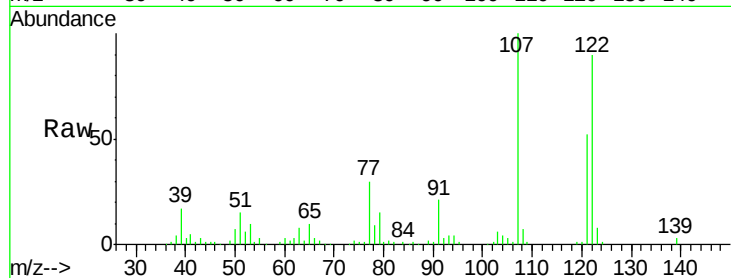
Tot Ion:122 Resp: 135016

Ion Ratio Lower Upper

122 100

107 111.0 82.0 123.0

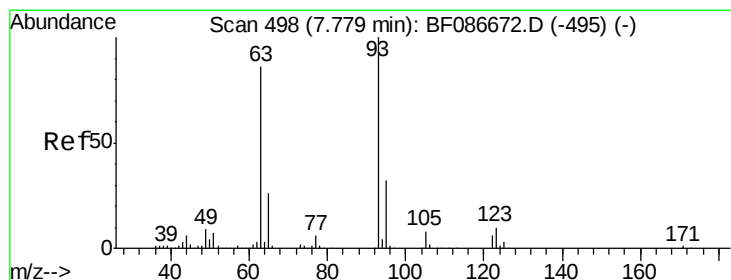
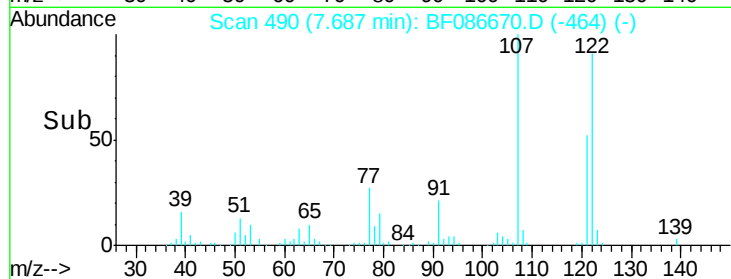
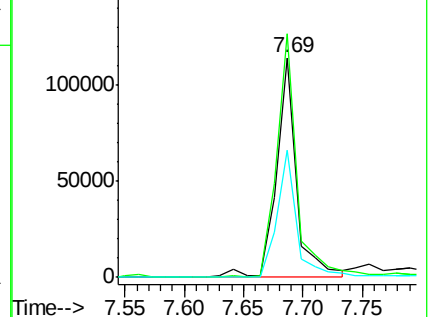
121 57.8 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.05 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

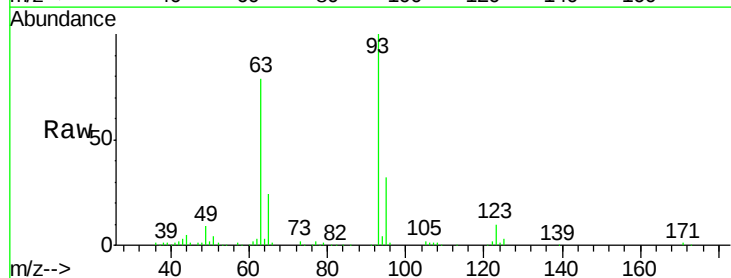
Tgt Ion: 93 Resp: 177395

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

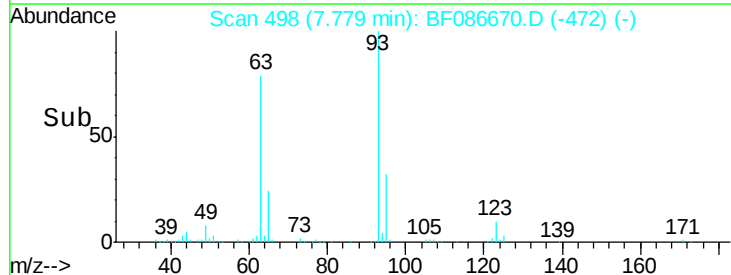
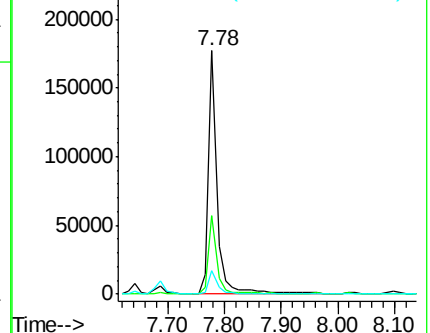
123 9.9 9.5 14.3

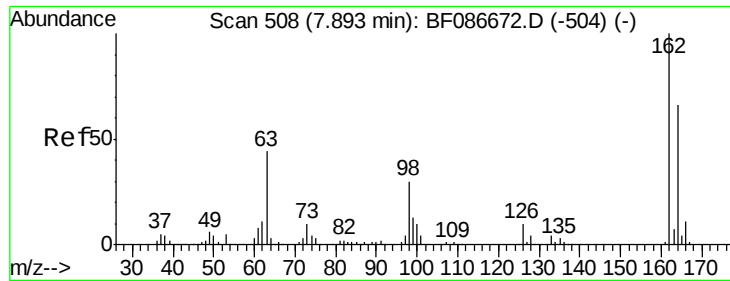


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

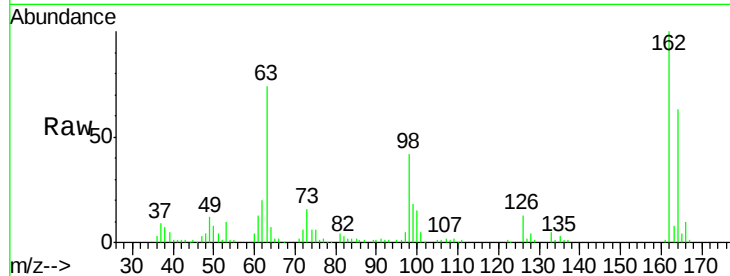




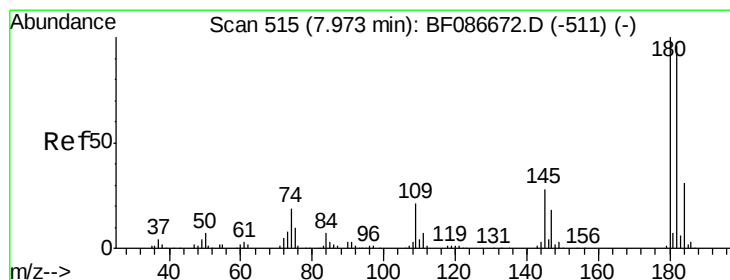
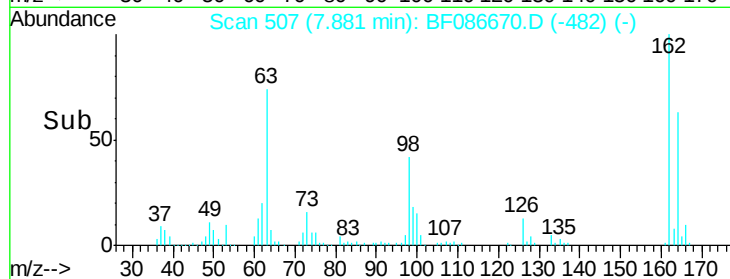
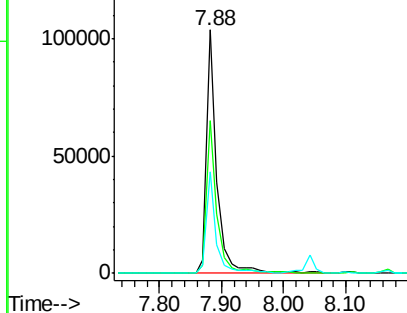
#29
 2,4-Dichlorophenol
 Concen: 11.35 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.2	82.2
98	41.8	19.0	59.0

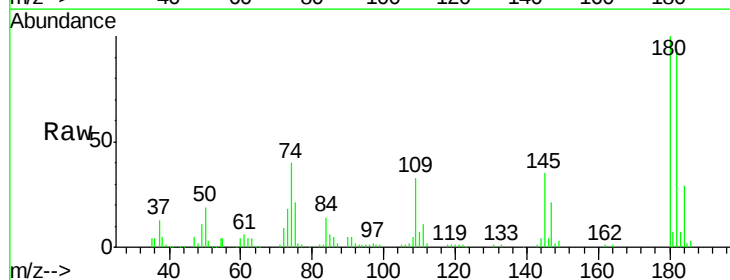


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

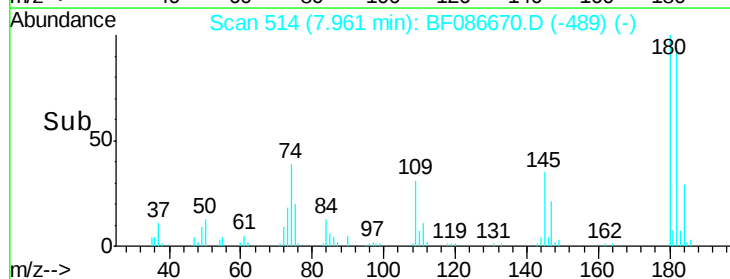
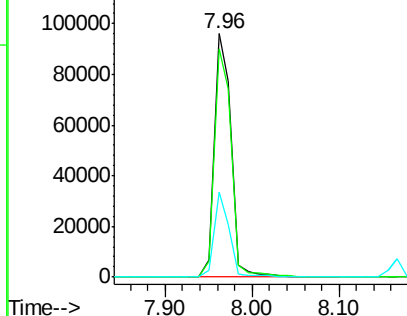


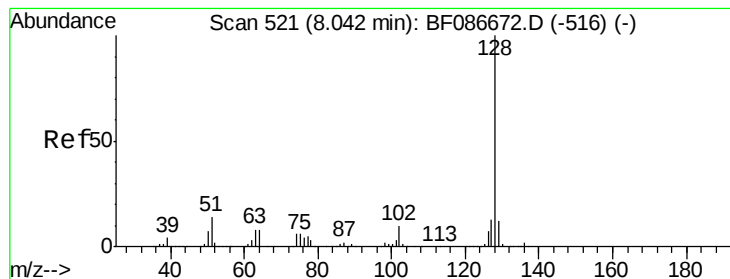
#30
 1,2,4-Trichlorobenzene
 Concen: 10.55 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.0	117.0
145	34.7	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: 11.42 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

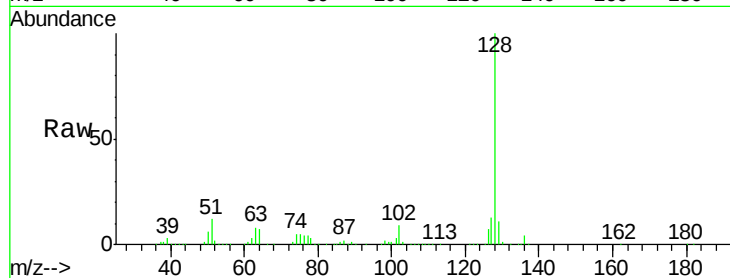
Tot Ion:128 Resp: 479663

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

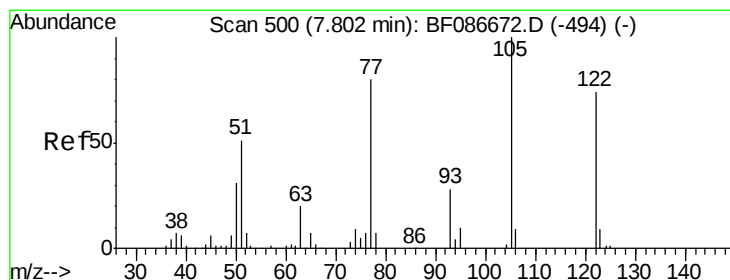
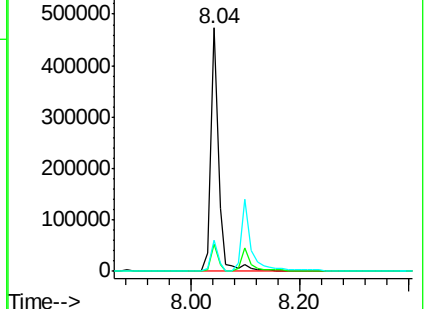
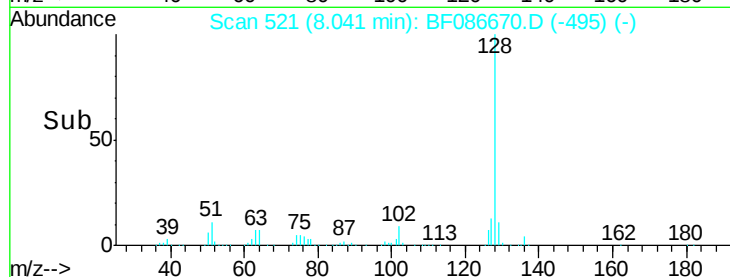
127 13.0 10.8 16.2



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: 3.42 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

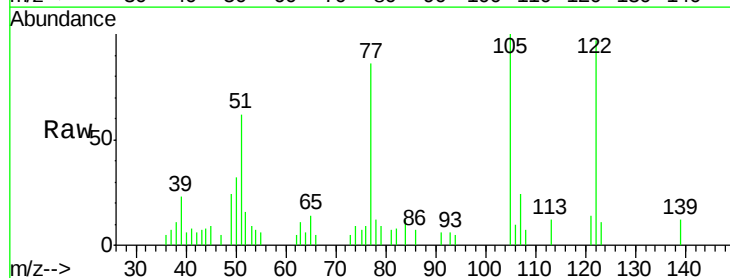
Tgt Ion:122 Resp: 22536

Ion Ratio Lower Upper

122 100

105 102.9 92.6 132.6

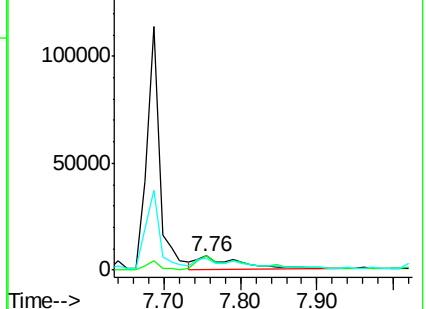
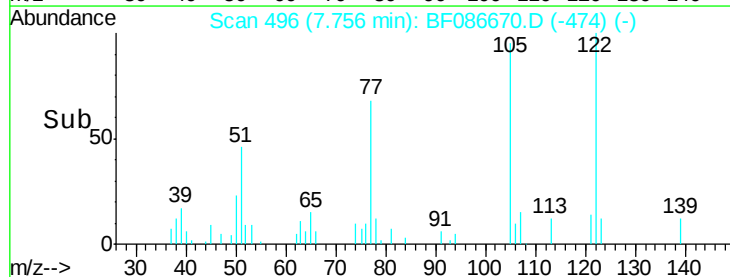
77 88.1 60.0 100.0

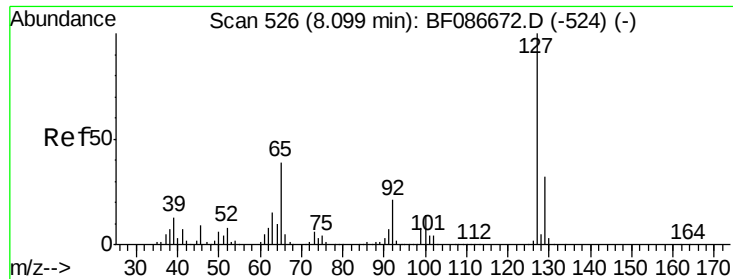


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

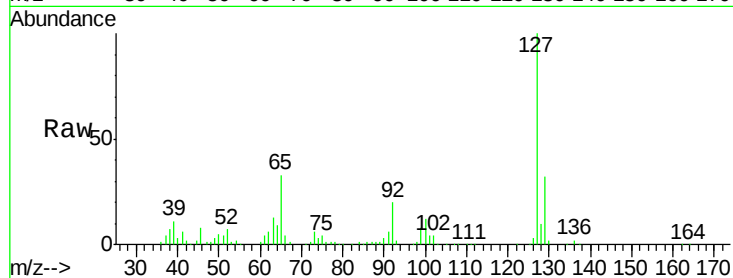




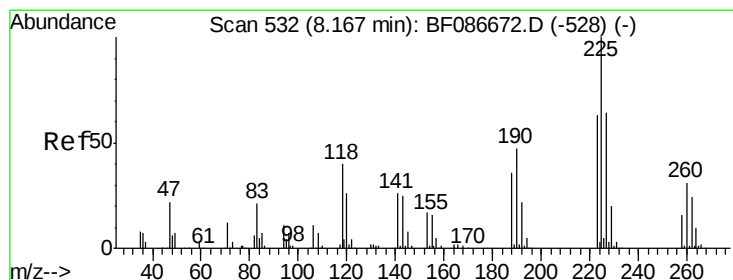
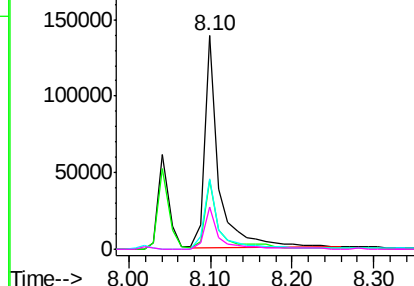
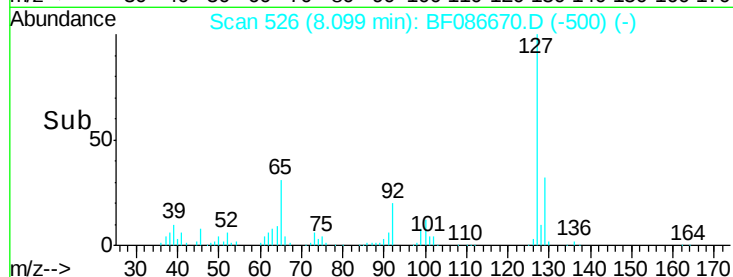
#33
4-Chloroaniline
Concen: 10.91 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	171621
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	32.8	23.0	34.4
92	19.5	15.1	22.7

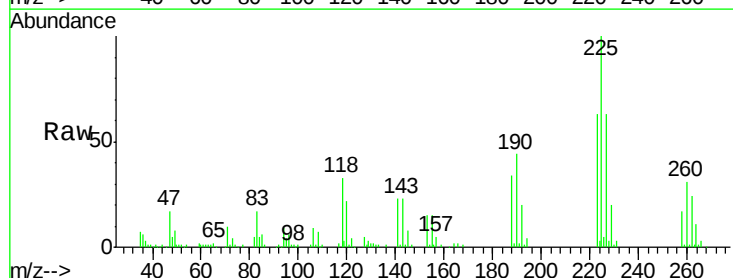


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

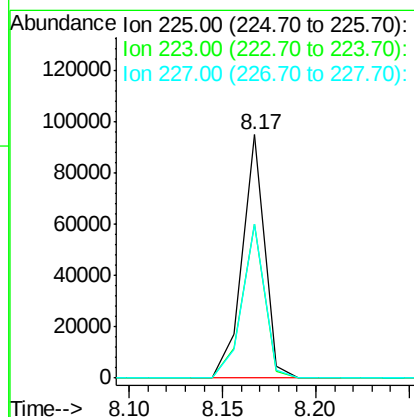
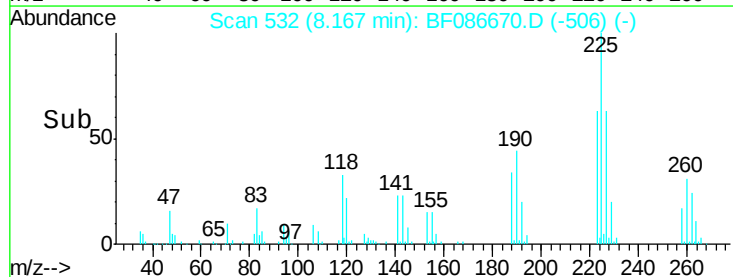


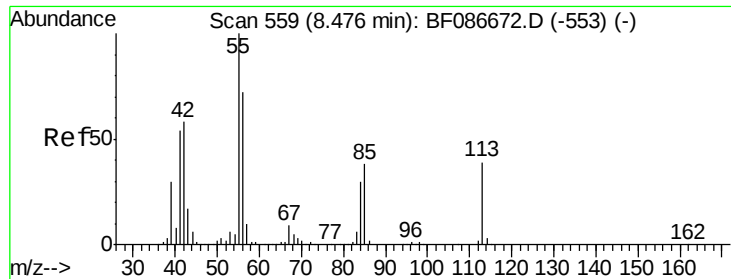
#34
Hexachlorobutadiene
Concen: 11.48 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:	225	Resp:	80146
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.5	77.3
227	63.3	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

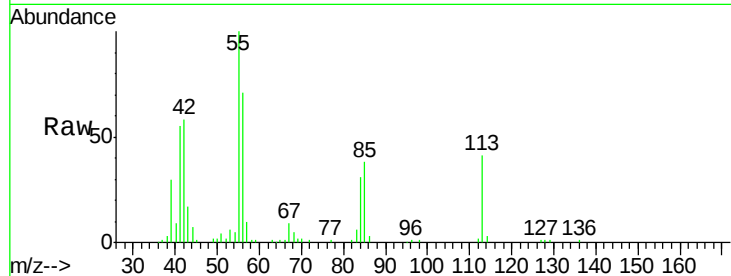




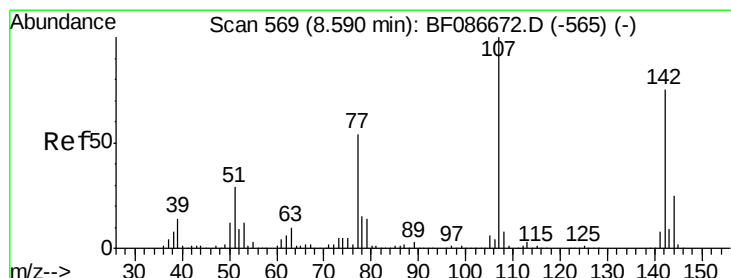
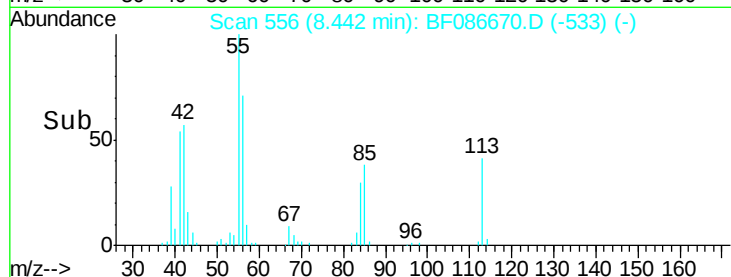
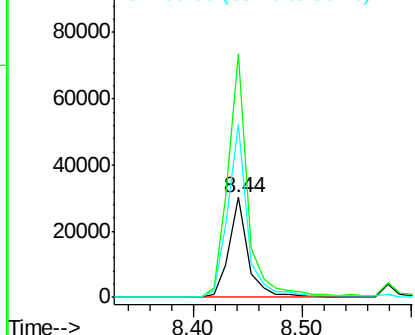
#35
Caprolactam
Concen: 10.23 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 36645
Ion Ratio Lower Upper
113 100
55 243.3 162.0 202.0#
56 173.6 115.3 155.3#

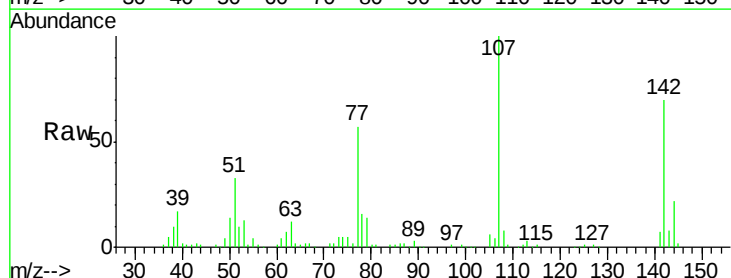


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

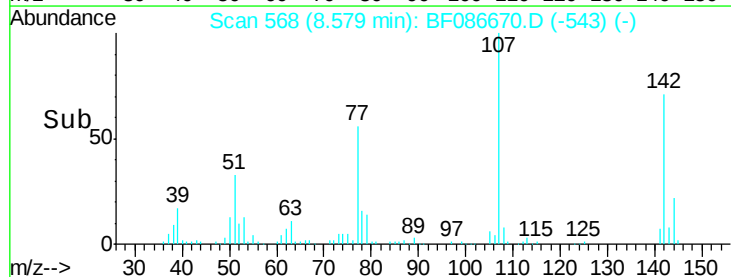
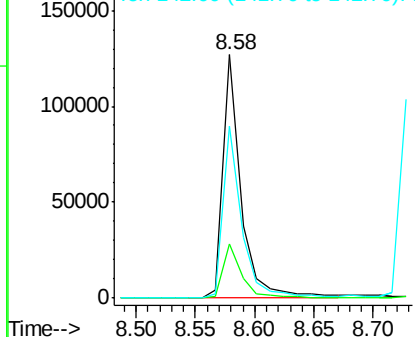


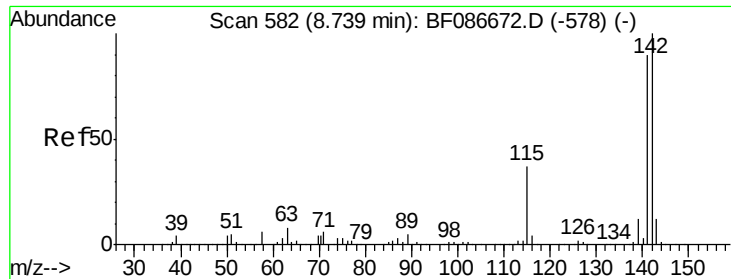
#36
4-Chloro-3-methylphenol
Concen: 10.86 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:107 Resp: 133471
Ion Ratio Lower Upper
107 100
144 22.4 20.7 31.1
142 70.5 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

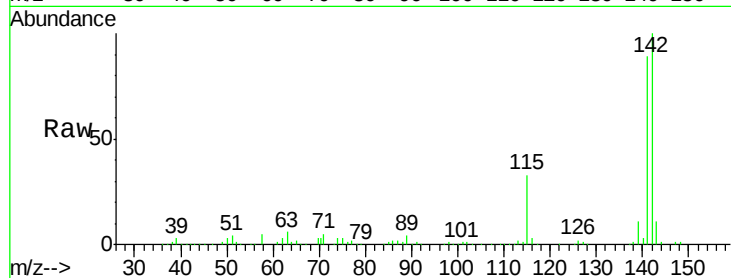




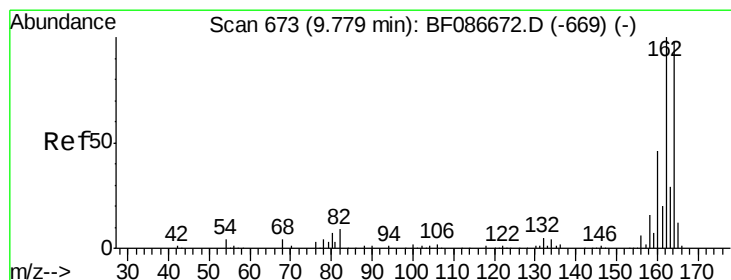
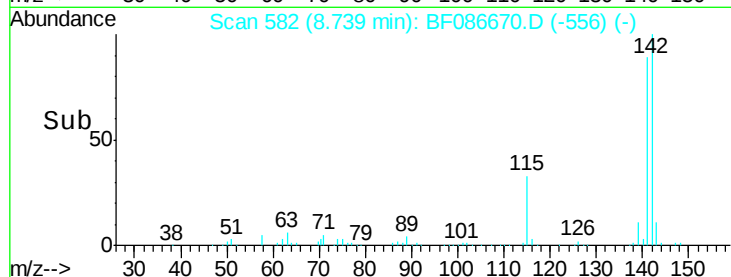
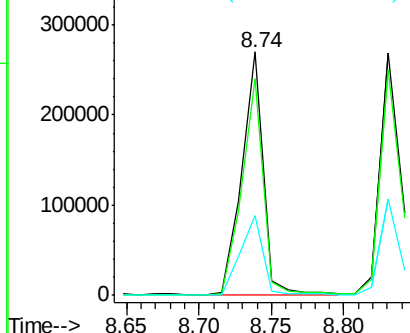
#37
2-Methylnaphthalene
Concen: 11.21 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 277700
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 32.6 26.6 39.8

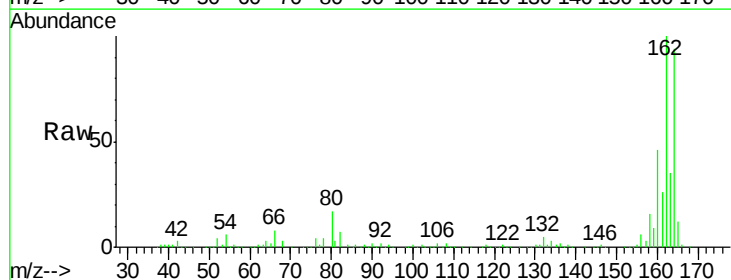


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

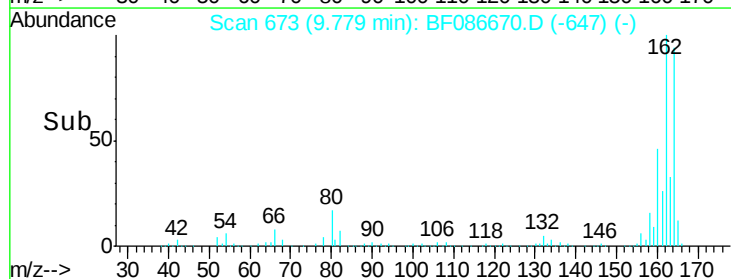
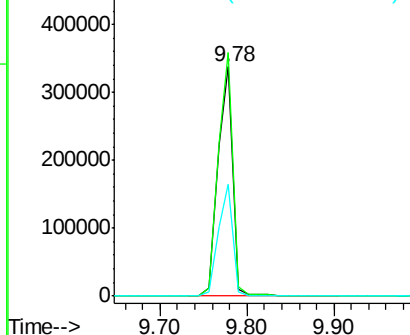


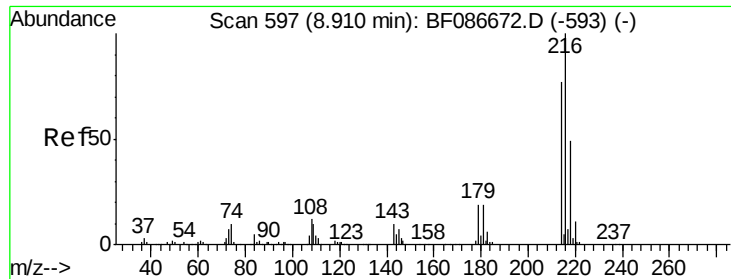
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:164 Resp: 405578
Ion Ratio Lower Upper
164 100
162 106.4 82.8 124.2
160 48.7 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: 10.93 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF086670.D

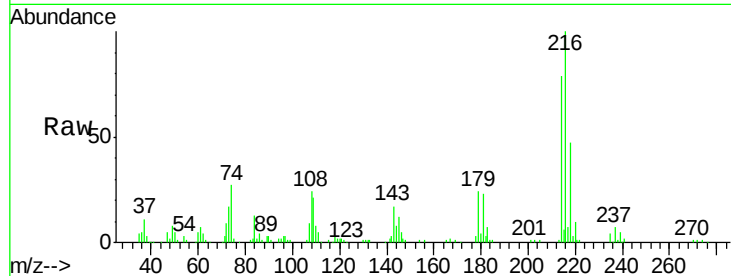
Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	126917
Ion Ratio	Lower	Upper
216	100	
214	77.8	62.6 93.8
179	22.4	18.2 27.4
108	22.8	17.5 26.3

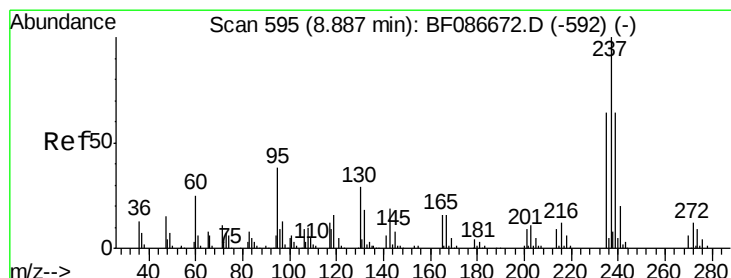
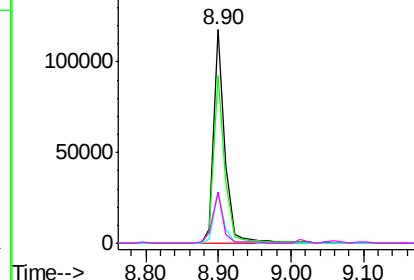
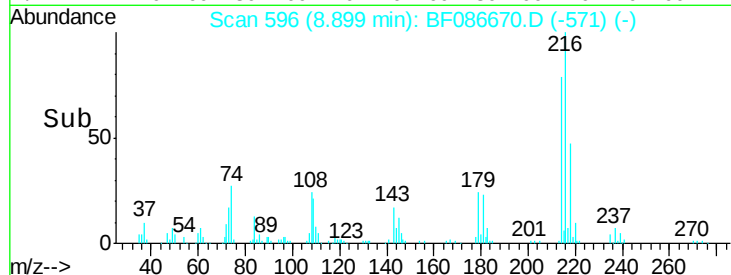


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.35 ng

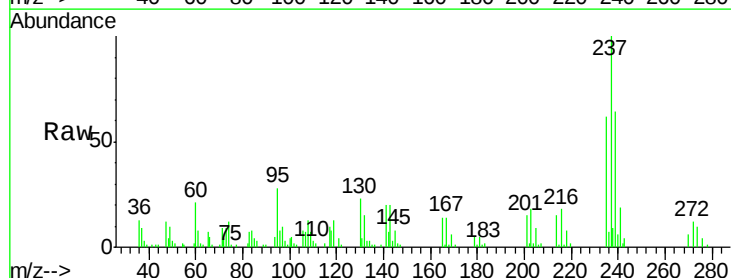
RT: 8.89 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

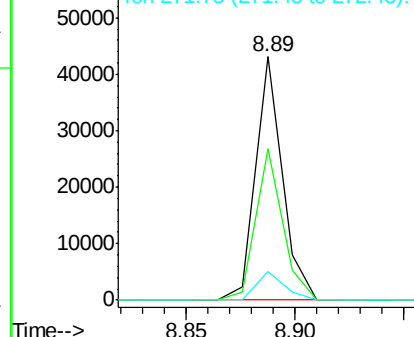
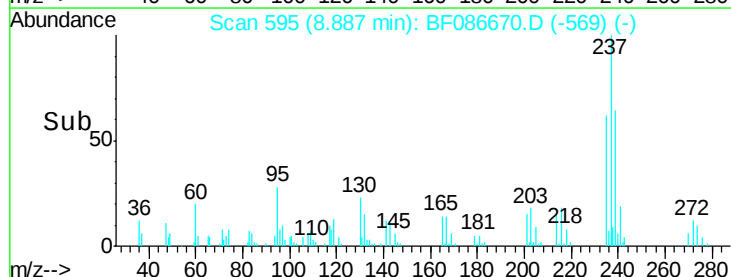
Tgt Ion:237	Resp:	36608
Ion Ratio	Lower	Upper
237	100	
235	62.0	47.2 87.2
272	11.9	0.0 31.1

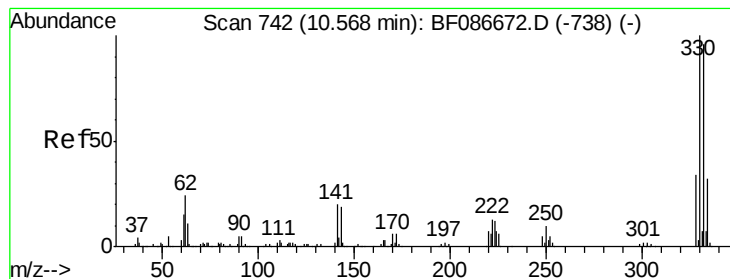


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

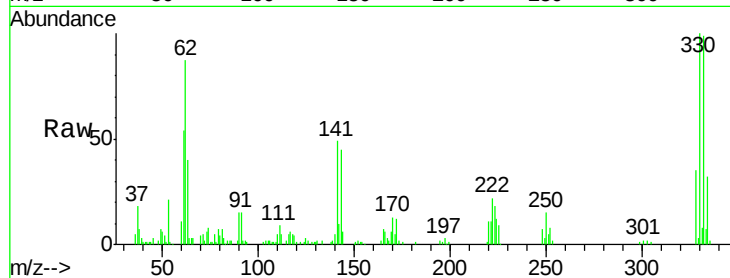




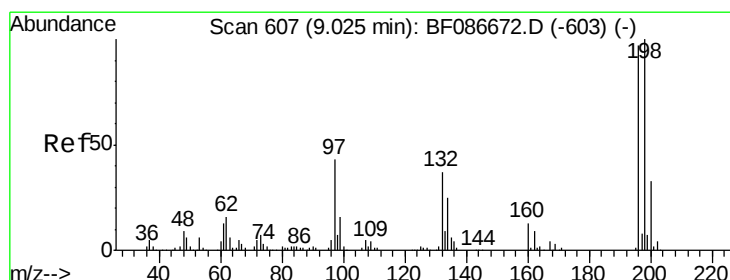
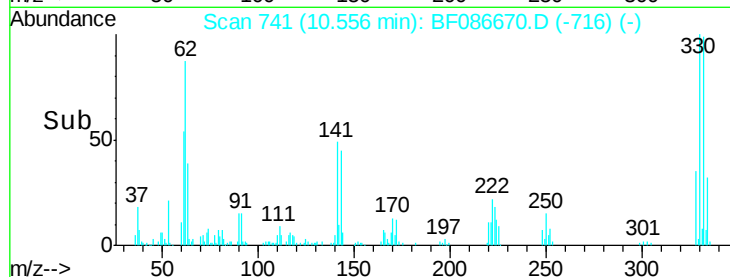
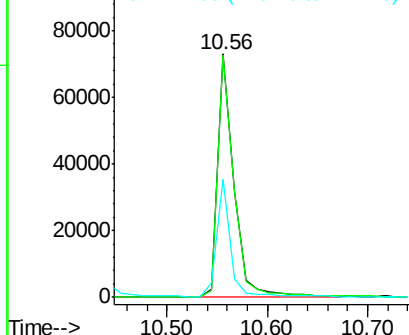
#41
 2,4,6-Tribromophenol
 Concen: 19.25 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 82344
 Ion Ratio Lower Upper
 330 100
 332 99.8 79.0 118.4
 141 42.4 31.2 46.8

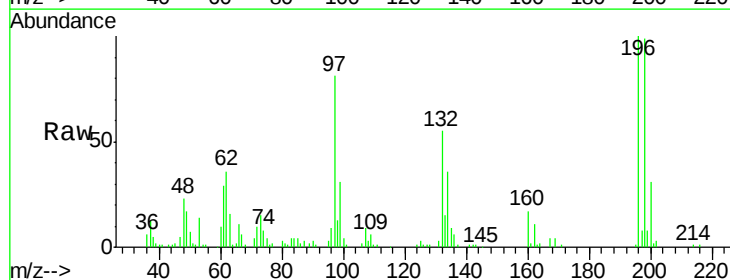


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

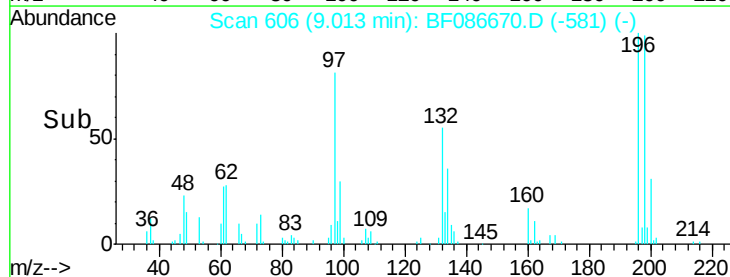
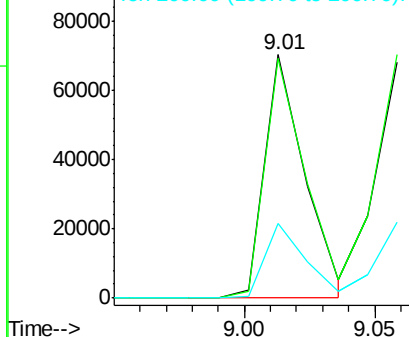


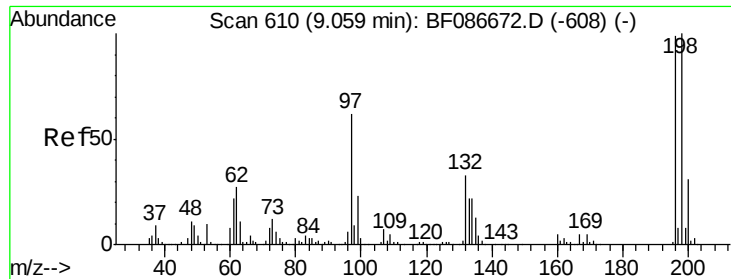
#42
 2,4,6-Trichlorophenol
 Concen: 10.28 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:196 Resp: 75415
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.7 112.1
 200 30.5 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

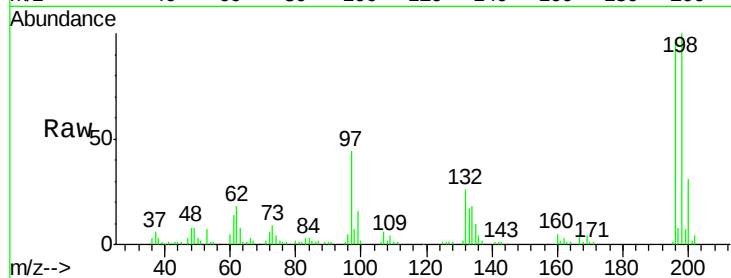




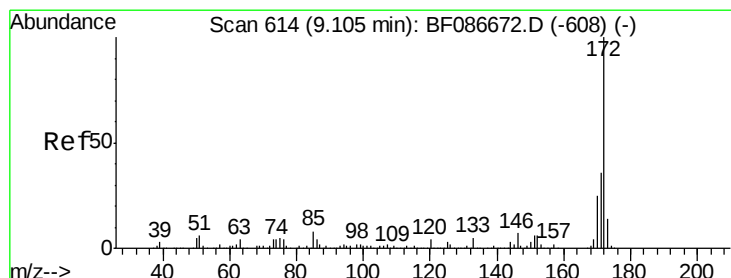
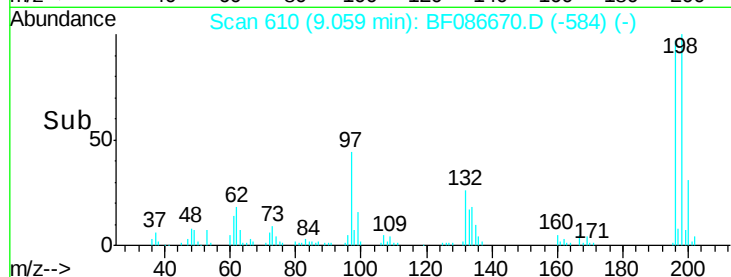
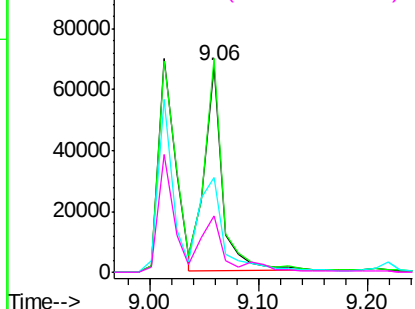
#43
 2,4,5-Trichlorophenol
 Concen: 9.92 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 79326
 Ion Ratio Lower Upper
 196 100
 198 103.4 77.5 116.3
 97 45.7 34.8 52.2
 132 27.0 23.0 34.4

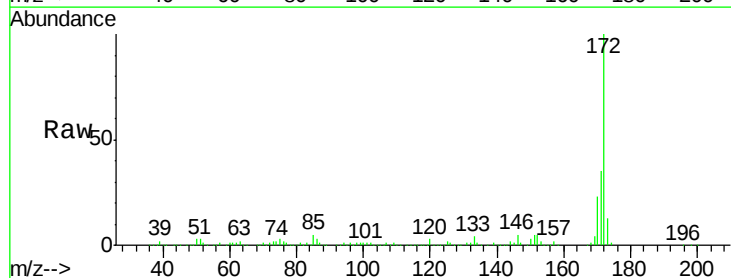


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

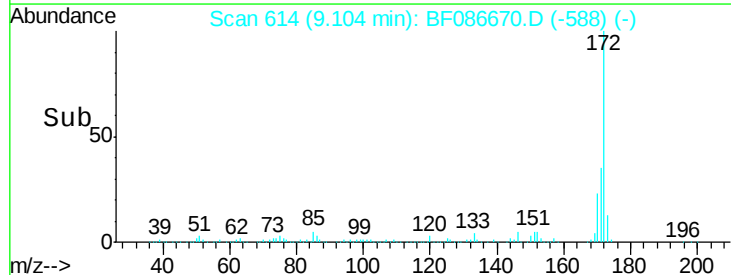
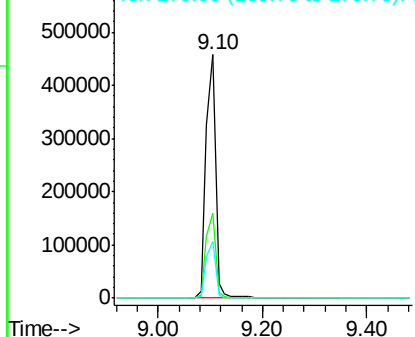


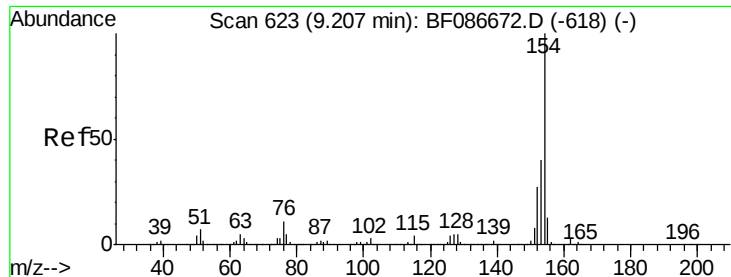
#44
 2-Fluorobiphenyl
 Concen: 24.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:172 Resp: 590231
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.6
 170 23.4 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

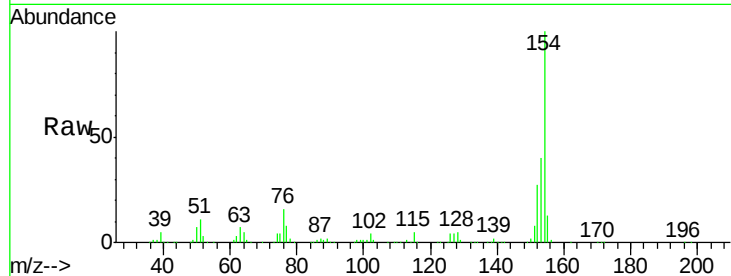




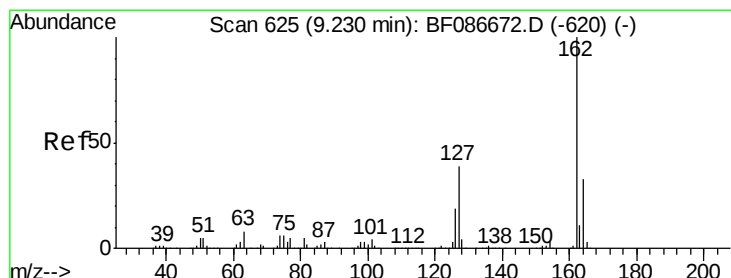
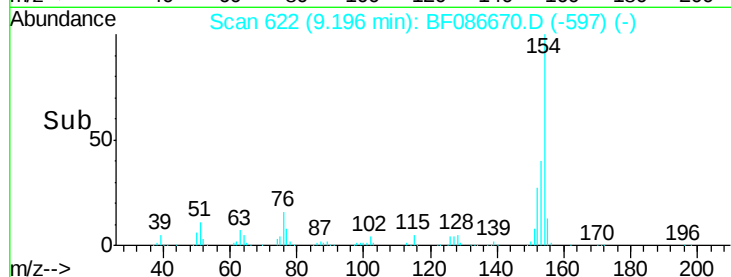
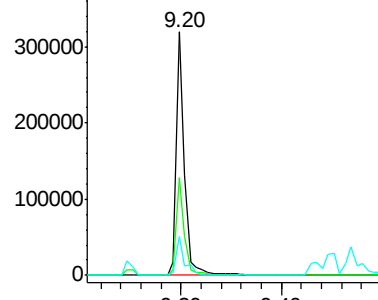
#45
 1,1'-Biphenyl
 Concen: 10.73 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 363869
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.3 60.3
 76 16.0 0.0 30.2

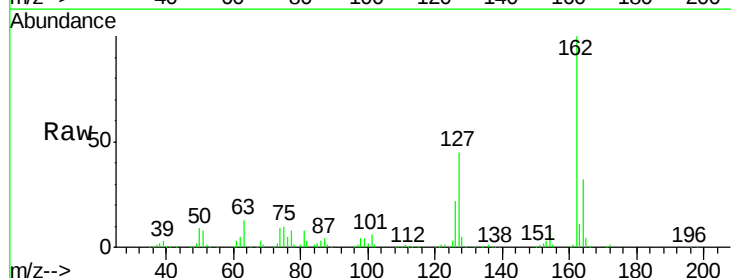


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

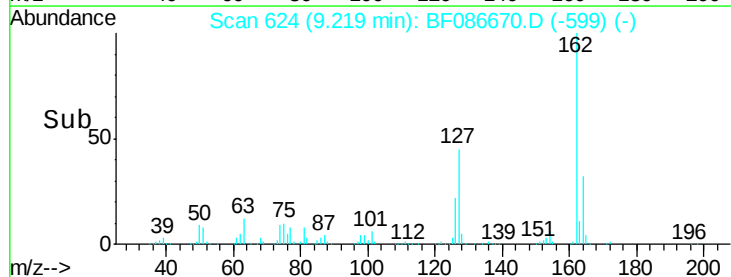
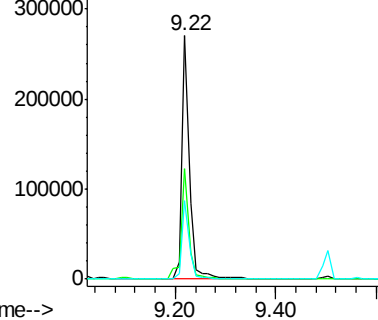


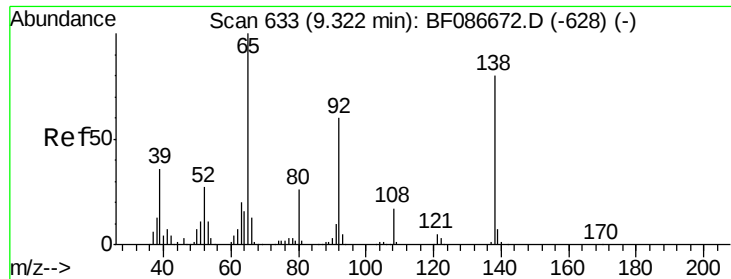
#46
 2-Chloronaphthalene
 Concen: 11.08 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:162 Resp: 285502
 Ion Ratio Lower Upper
 162 100
 127 45.2 31.8 47.6
 164 32.4 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

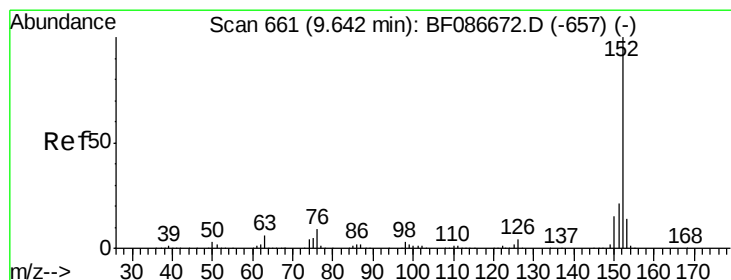
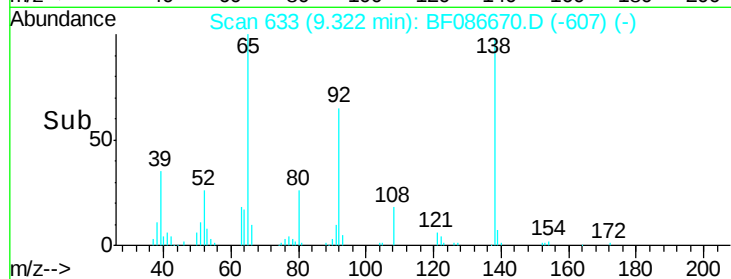
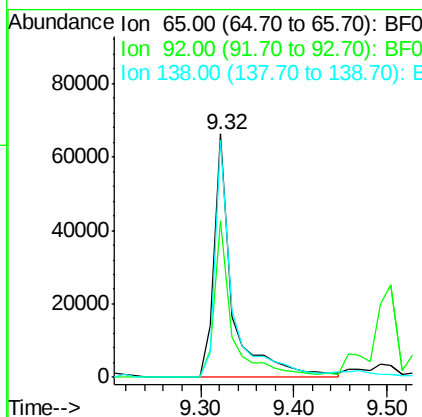
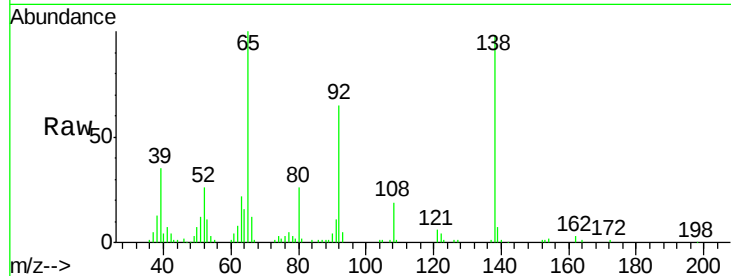




#47
2-Nitroaniline
Concen: 11.08 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

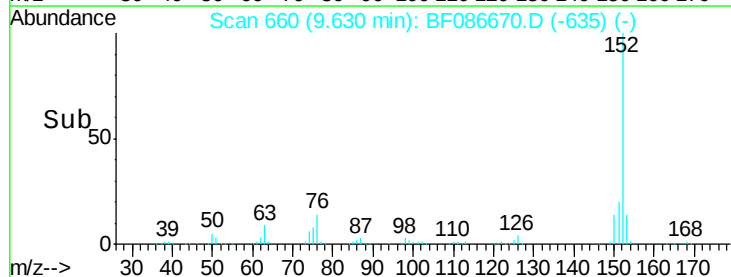
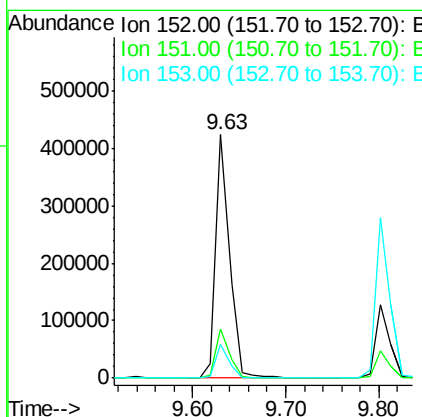
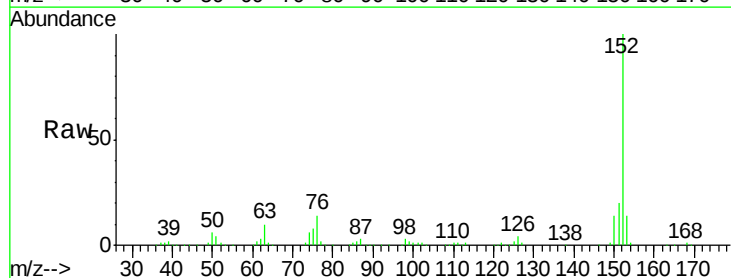
Instrument :
BNA_F
ClientSampleId :

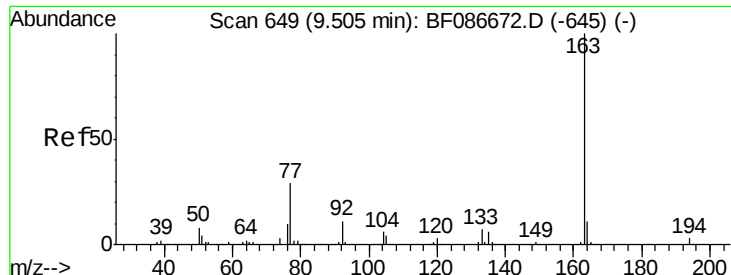
Tot Ion: 65 Resp: 91589
Ion Ratio Lower Upper
65 100
92 64.5 57.4 86.2
138 97.6 90.1 135.1



#48
Acenaphthylene
Concen: 10.83 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion: 152 Resp: 436367
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.9 10.9 16.3

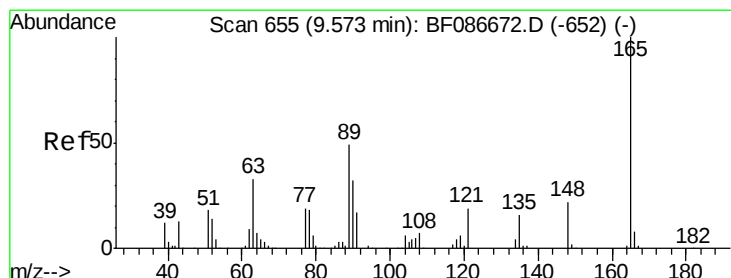
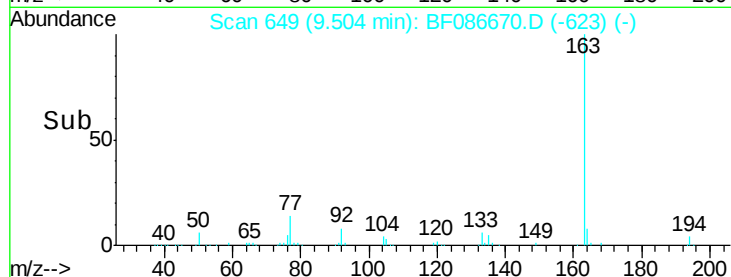
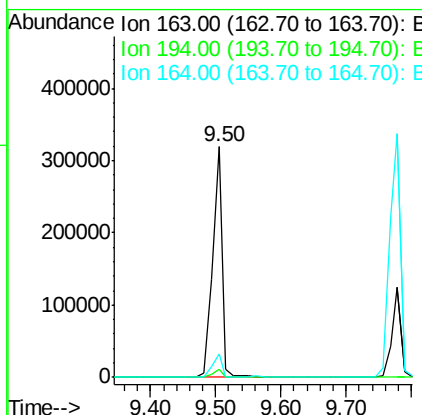
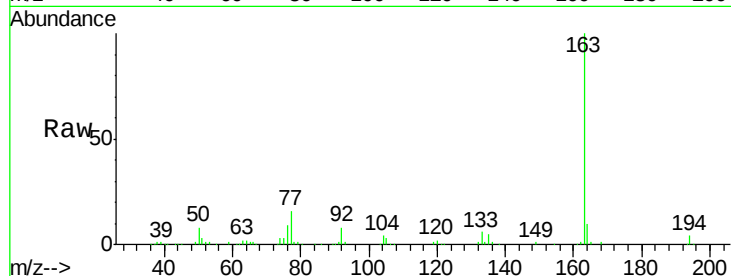




#49
Dimethylphthalate
Concen: 10.86 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

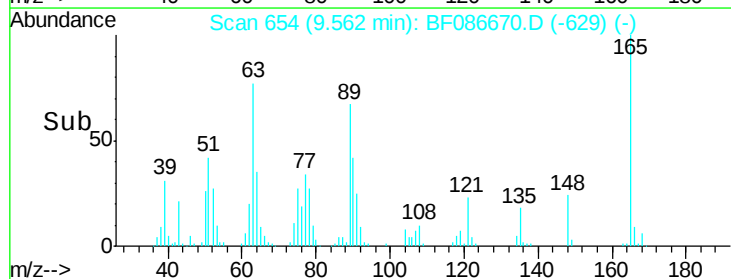
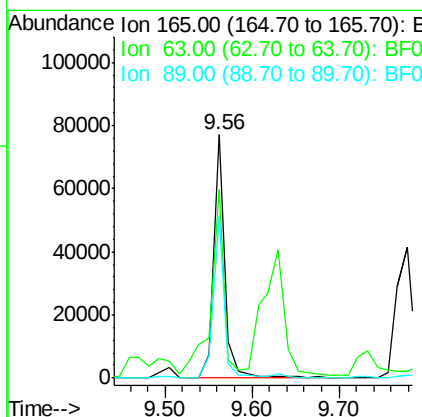
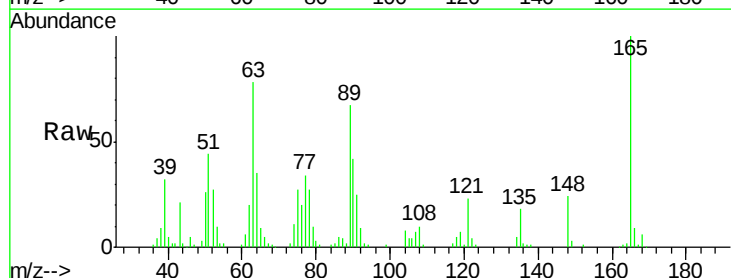
Instrument :
BNA_F
ClientSampleId :

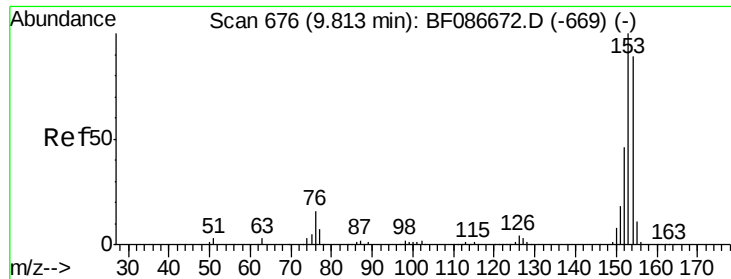
Tot Ion:163 Resp: 331554
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 11.08 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:165 Resp: 69908
Ion Ratio Lower Upper
165 100
63 77.7 51.8 77.8
89 66.7 50.7 76.1





#51

Acenaphthene

Concen: 10.40 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

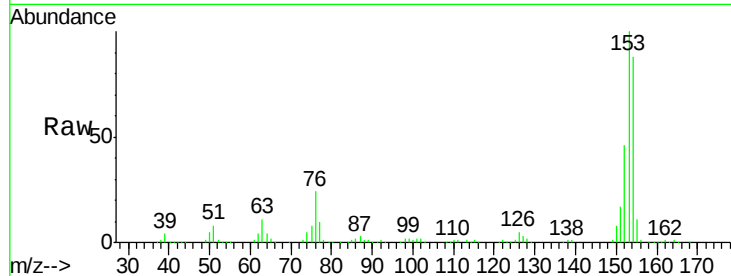
Tot Ion:154 Resp: 269231

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

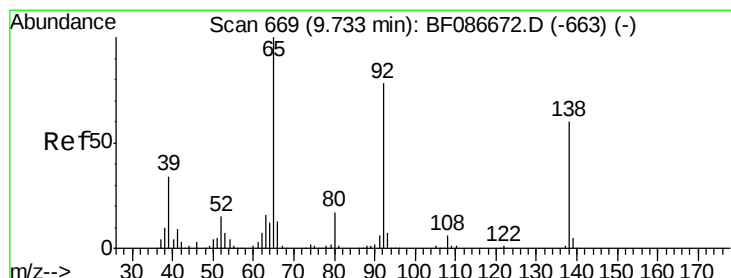
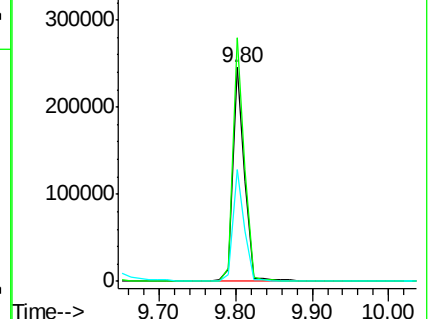
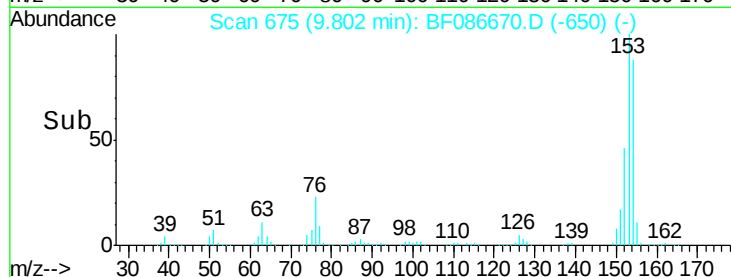
152 52.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.73 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

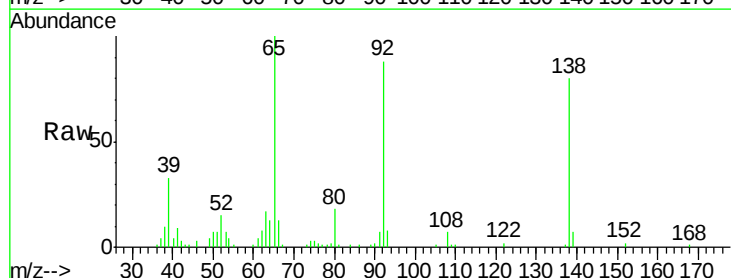
Tgt Ion:138 Resp: 76970

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

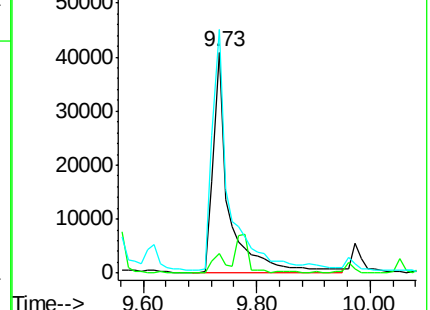
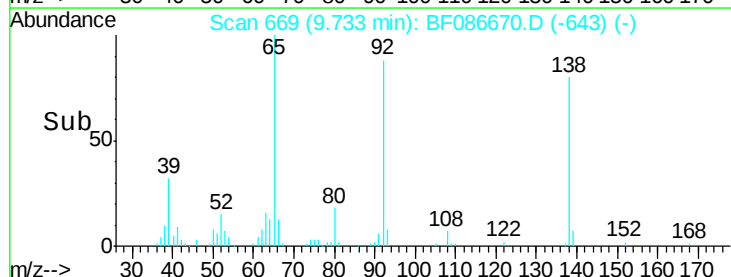
92 110.2 87.8 131.8

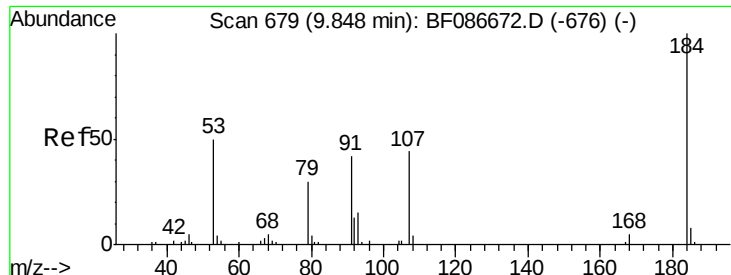


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

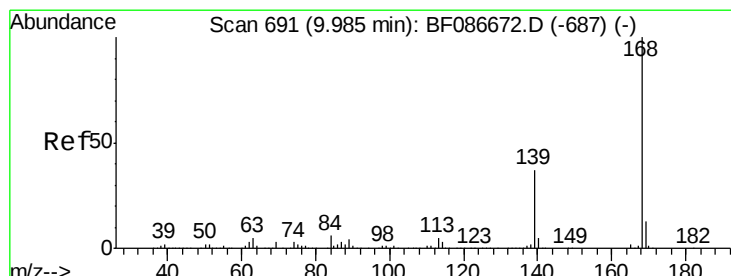
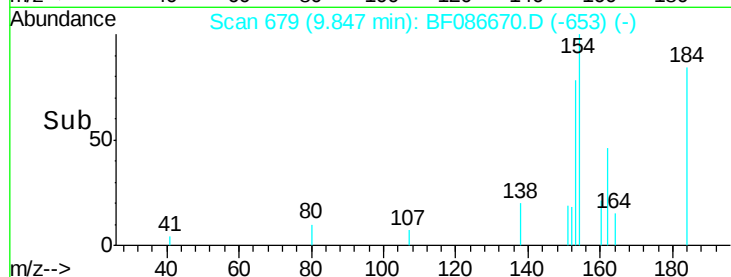
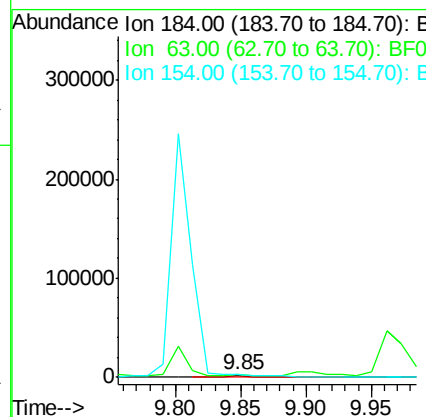
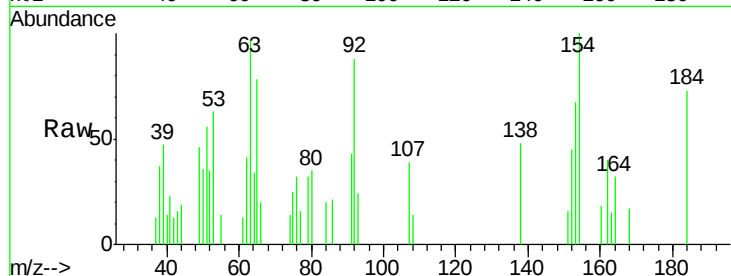




#53
 2,4-Dinitrophenol
 Concen: 1.61 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

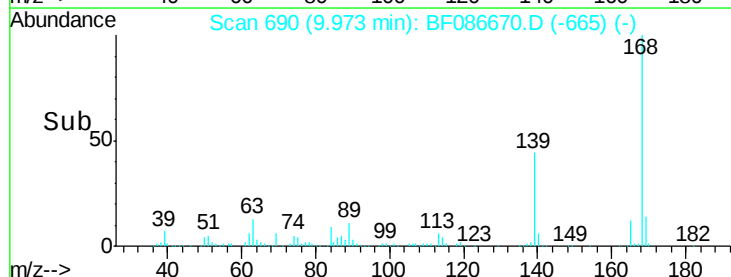
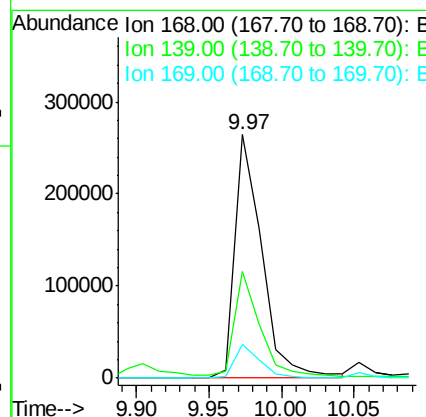
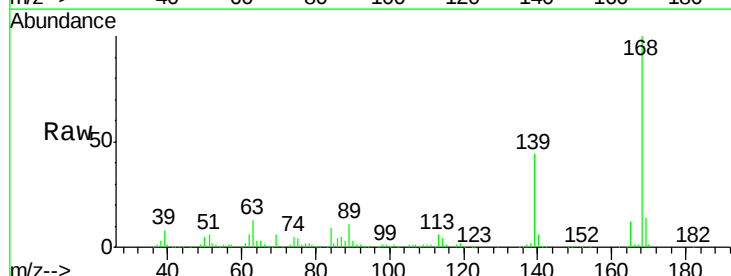
Instrument :
 BNA_F
 ClientSampleId :

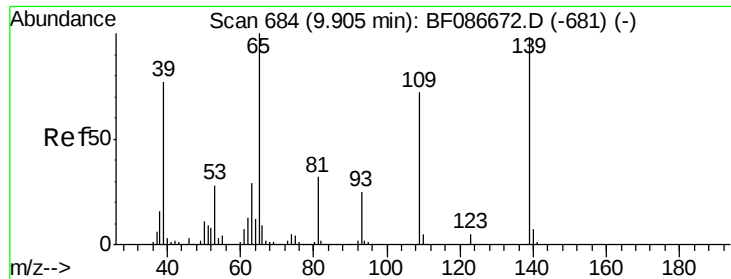
Tot Ion:184 Resp: 4539
 Ion Ratio Lower Upper
 184 100
 63 132.6 55.8 83.8#
 154 137.2 62.4 93.6#



#54
 Dibenzofuran
 Concen: 10.57 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:168 Resp: 341777
 Ion Ratio Lower Upper
 168 100
 139 43.9 31.4 47.0
 169 13.6 10.7 16.1

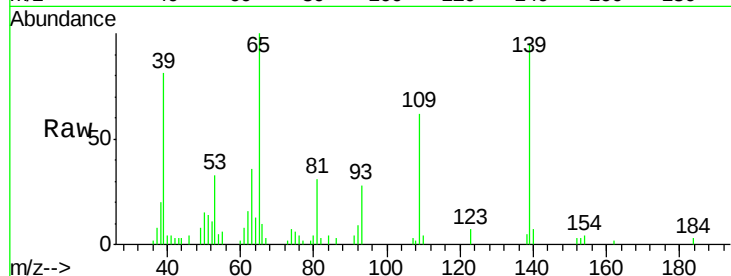




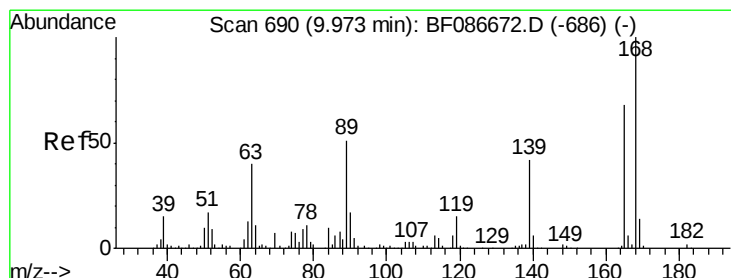
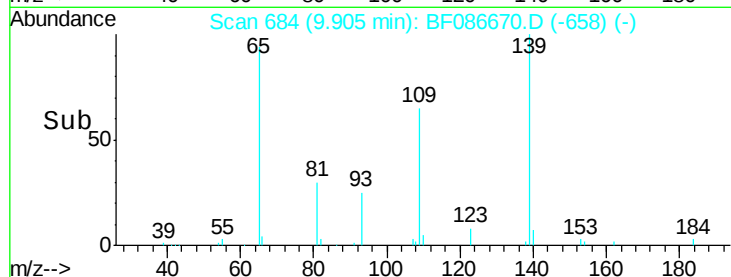
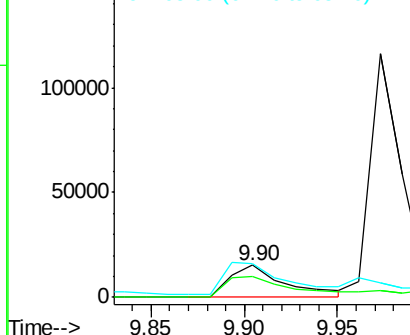
#55
4-Nitrophenol
Concen: 6.75 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 31685
Ion Ratio Lower Upper
139 100
109 64.9 36.9 76.9
65 105.1 64.0 104.0#

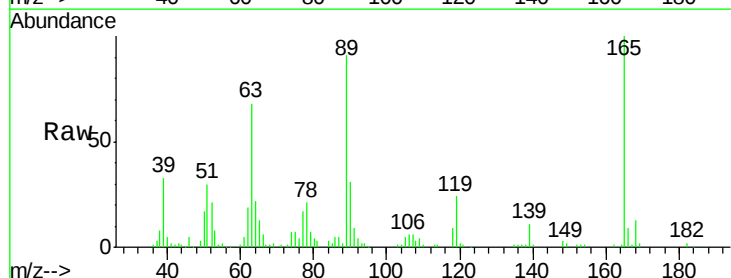


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

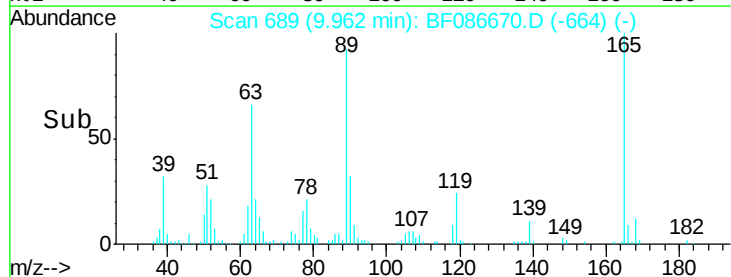
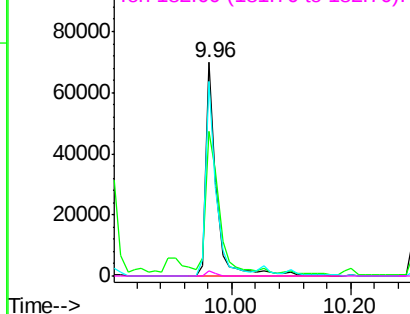


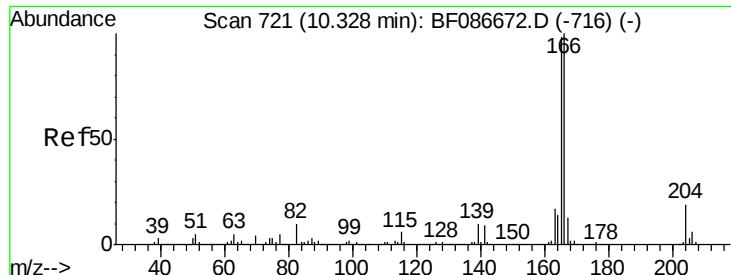
#56
2,4-Dinitrotoluene
Concen: 10.98 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:165 Resp: 88306
Ion Ratio Lower Upper
165 100
63 67.9 44.3 66.5#
89 91.3 70.0 105.0
182 2.4 1.8 2.6



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

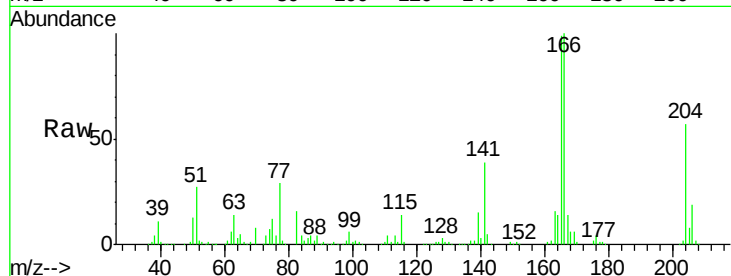




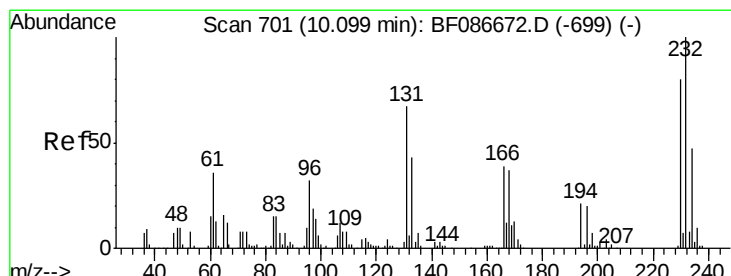
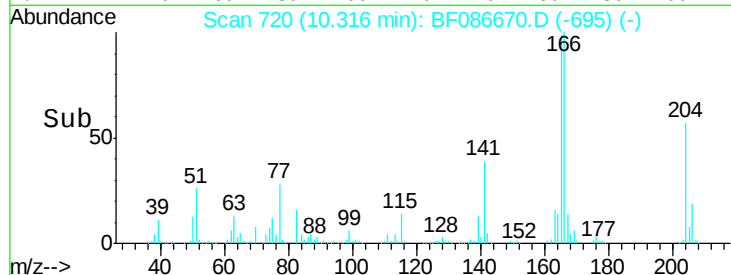
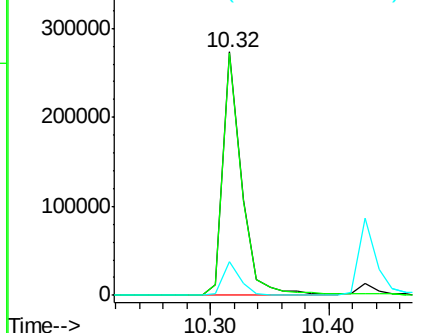
#57
Fluorene
 Concen: 10.56 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 296610
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.0 118.6
 167 13.7 10.6 15.8



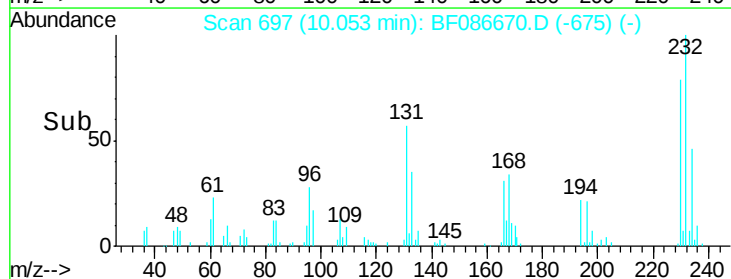
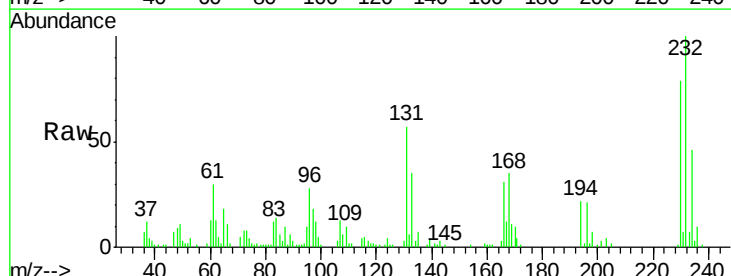
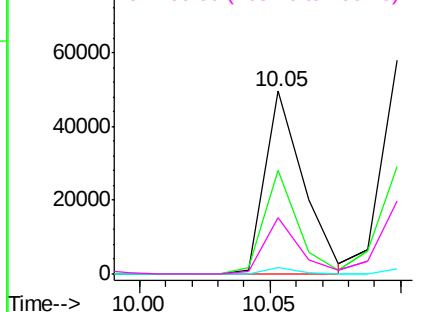
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

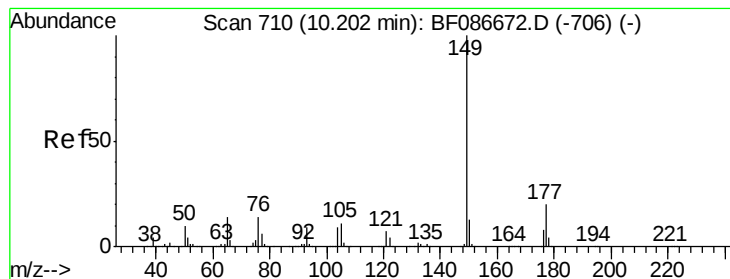


#58
2,3,4,6-Tetrachlorophenol
 Concen: 8.04 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:232 Resp: 50307
 Ion Ratio Lower Upper
 232 100
 131 49.9 41.9 62.9
 130 2.6 2.2 3.4
 166 28.2 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: 11.13 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampled :

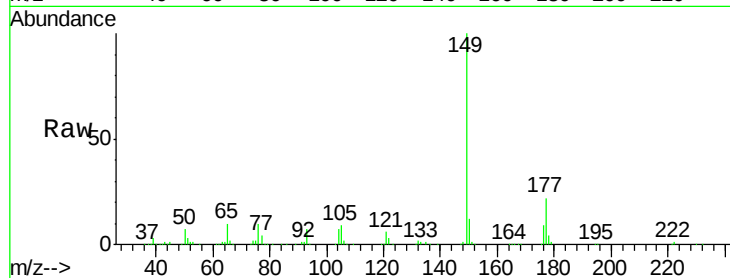
Tot Ion:149 Resp: 321646

Ion Ratio Lower Upper

149 100

177 22.5 16.6 24.8

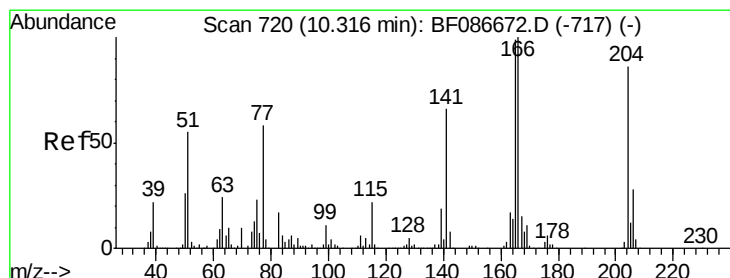
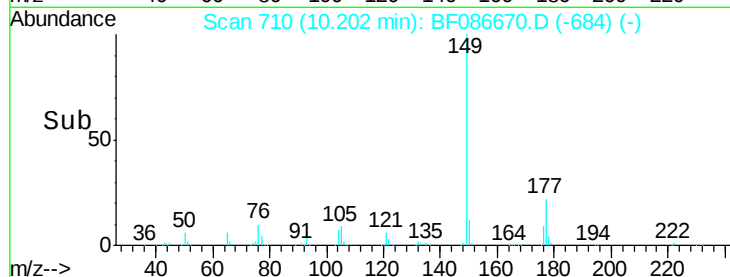
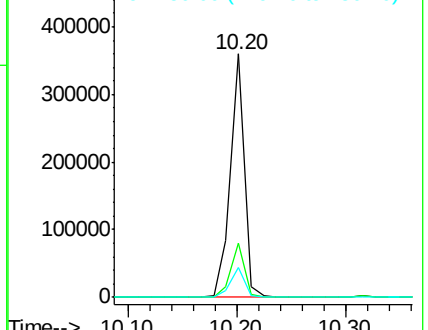
150 12.3 10.0 15.0



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: 11.58 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

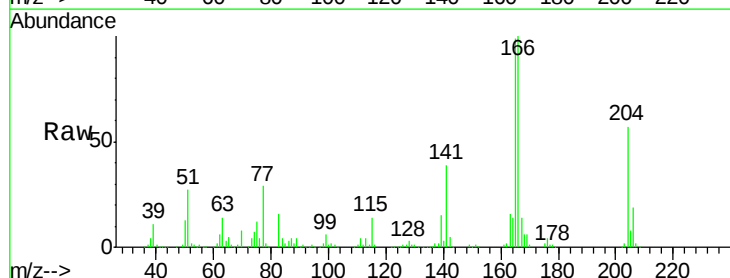
Tgt Ion:204 Resp: 147591

Ion Ratio Lower Upper

204 100

206 32.9 25.4 38.0

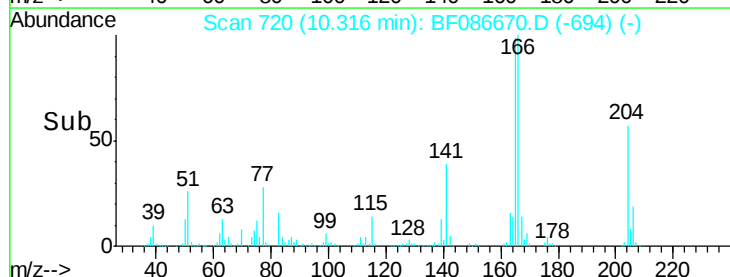
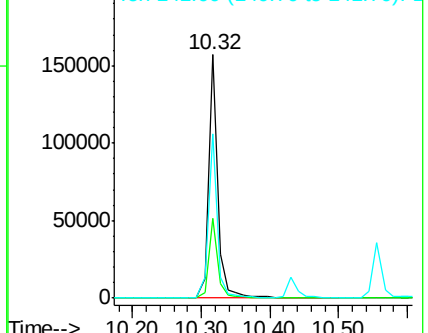
141 67.2 61.6 92.4

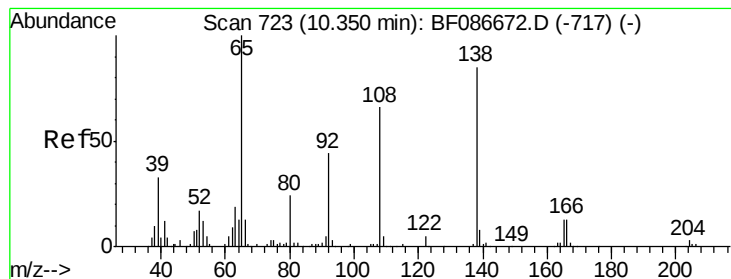


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 10.27 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

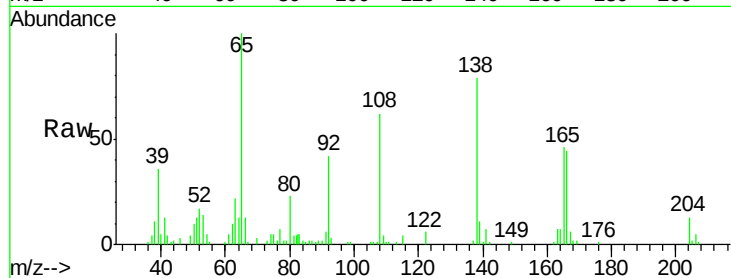
Tot Ion:138 Resp: 72027

Ion Ratio Lower Upper

138 100

92 53.2 24.7 64.7

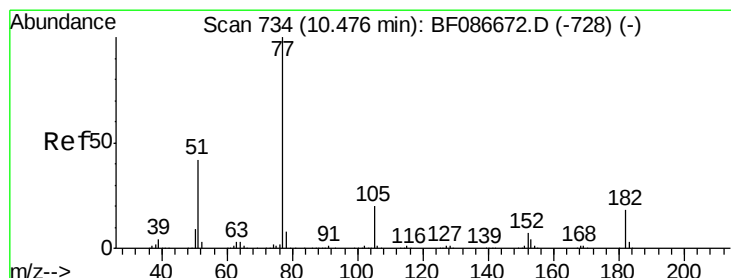
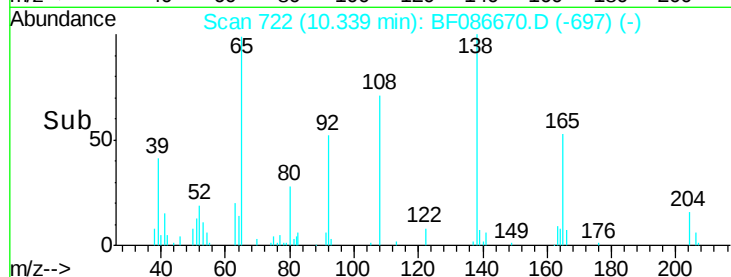
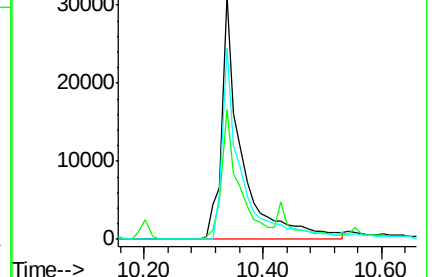
108 78.7 37.4 77.4#



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: 11.04 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Tgt Ion: 77 Resp: 349543

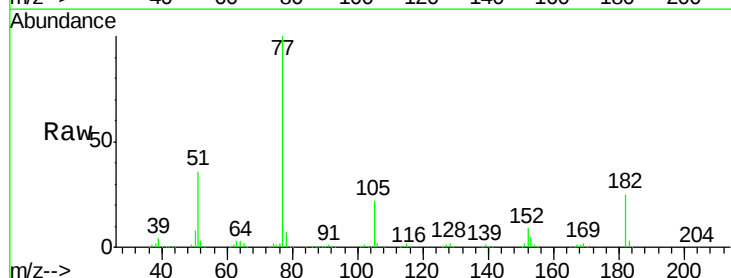
Ion Ratio Lower Upper

77 100

182 24.9 0.0 38.8

105 22.2 3.2 43.2

51 36.4 8.8 48.8

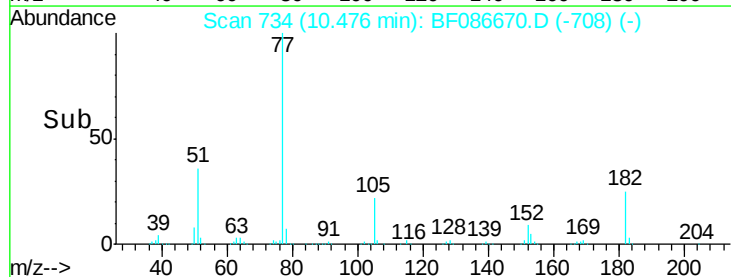
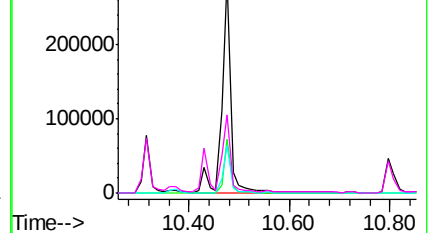


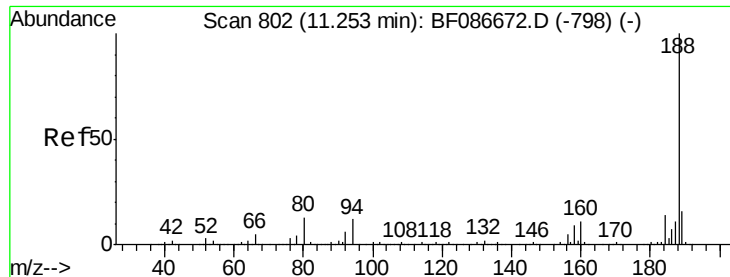
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

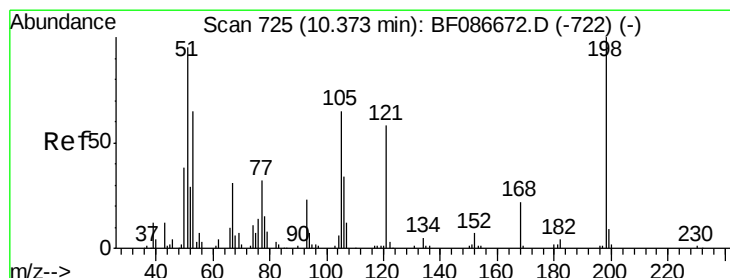
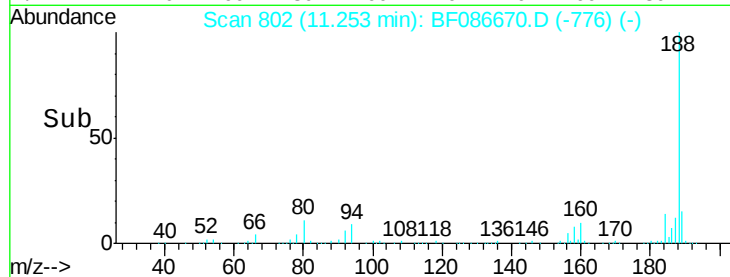
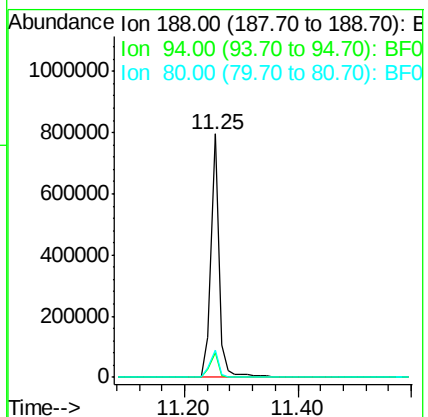
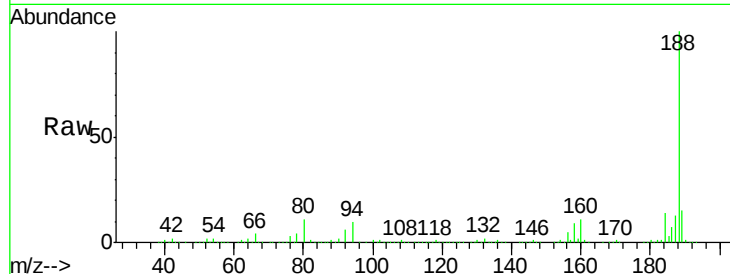




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

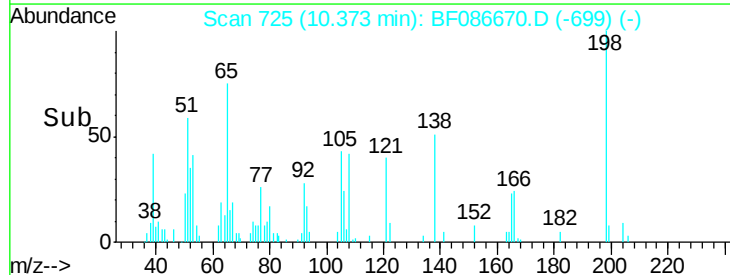
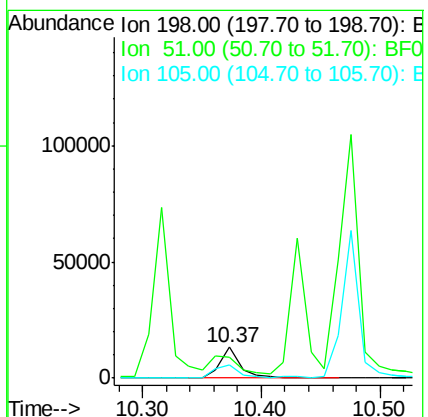
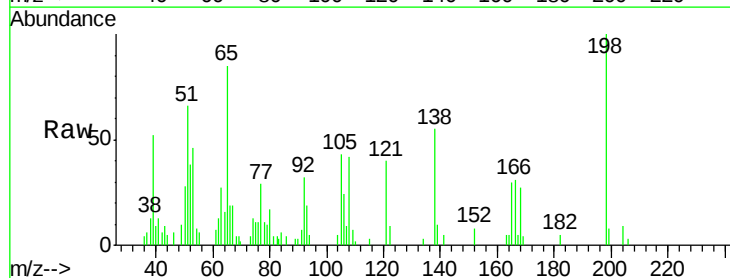
Instrument :
BNA_F
ClientSampleId :

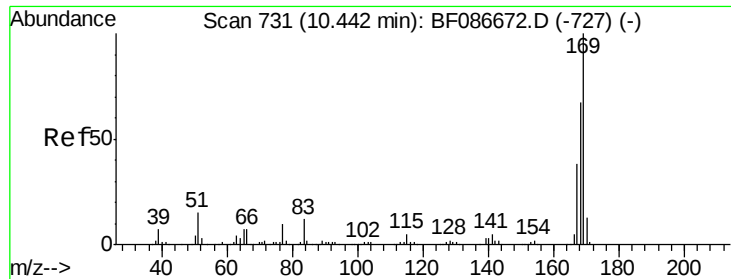
Tot Ion:188 Resp: 769125
Ion Ratio Lower Upper
188 100
94 10.4 6.8 10.2#
80 11.3 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.59 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:198 Resp: 16215
Ion Ratio Lower Upper
198 100
51 66.4 20.5 60.5#
105 43.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 10.52 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

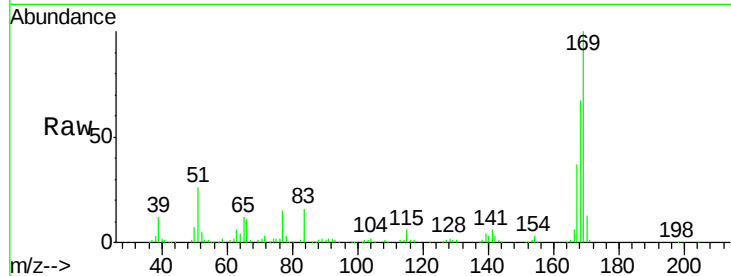
Tot Ion:169 Resp: 252914

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

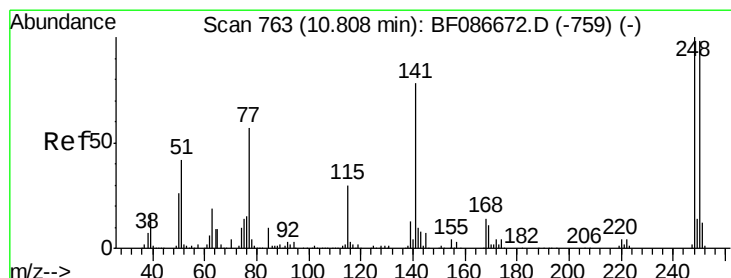
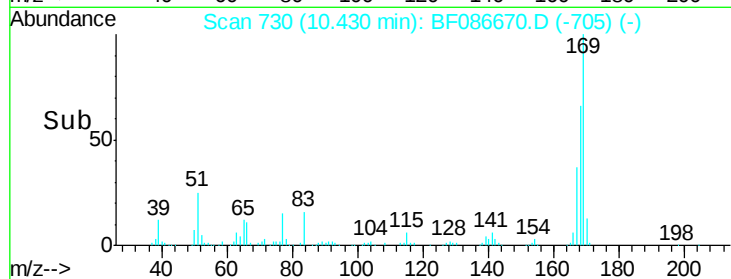
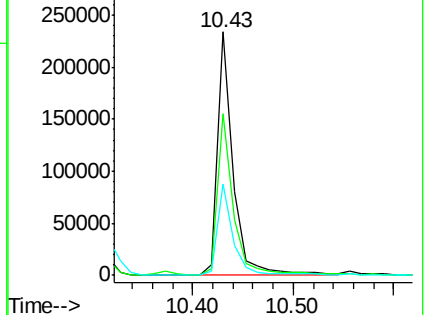
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 10.27 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

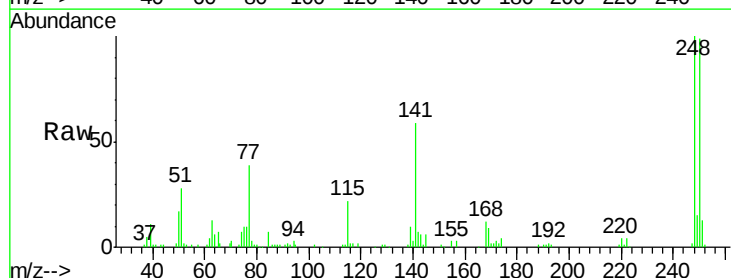
Tgt Ion:248 Resp: 81398

Ion Ratio Lower Upper

248 100

250 98.9 78.6 117.8

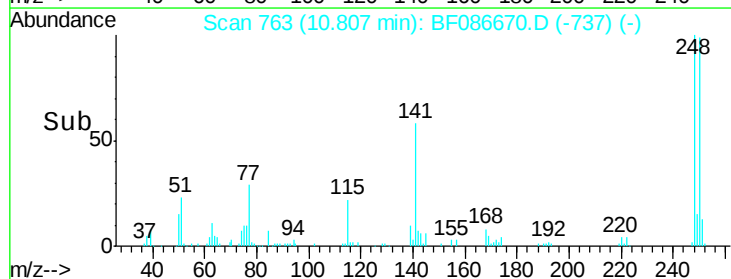
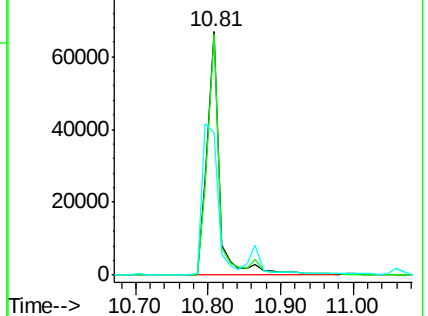
141 58.7 76.0 114.0#

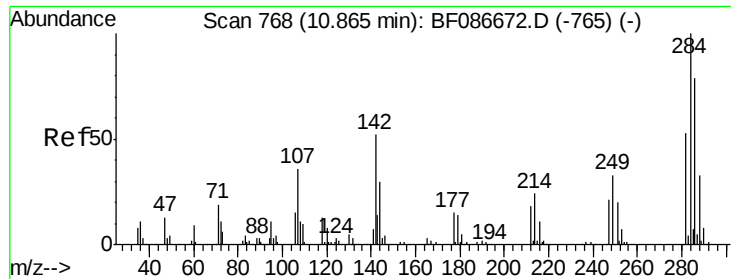


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

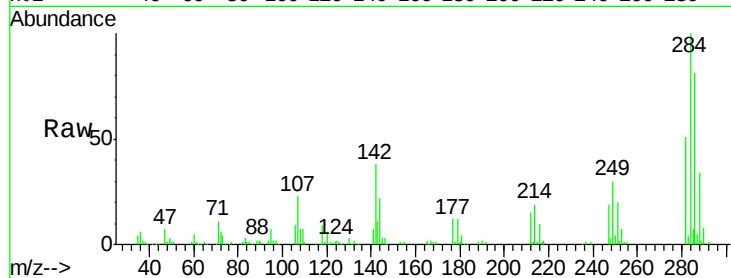




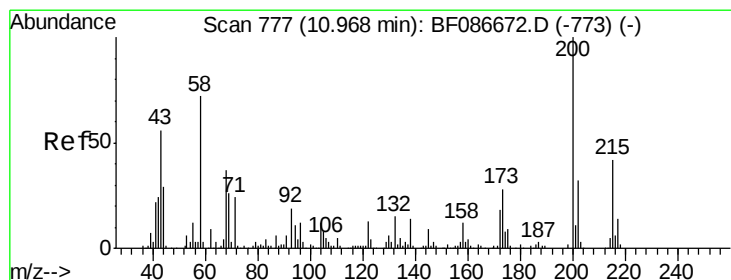
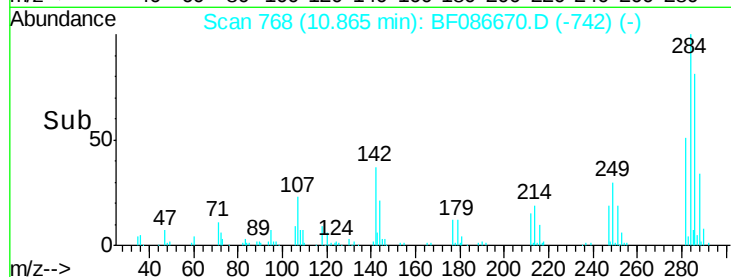
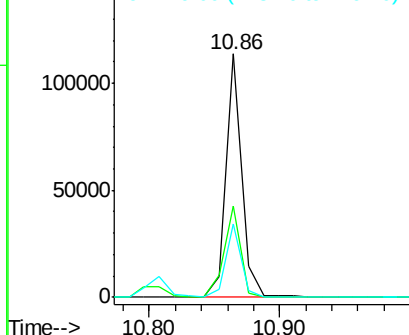
#67
Hexachlorobenzene
Concen: 10.53 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 96596
Ion Ratio Lower Upper
284 100
142 37.7 16.7 25.1#
249 30.4 21.3 31.9

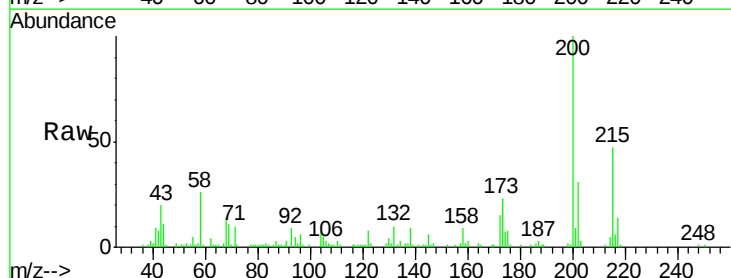


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

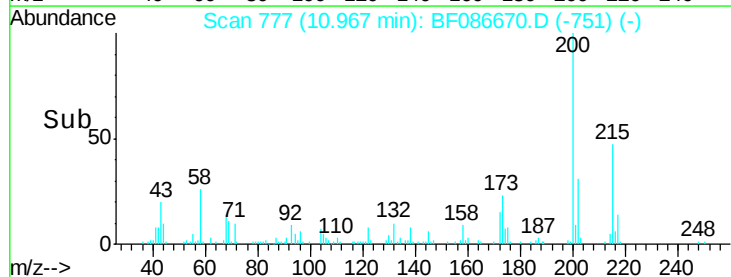
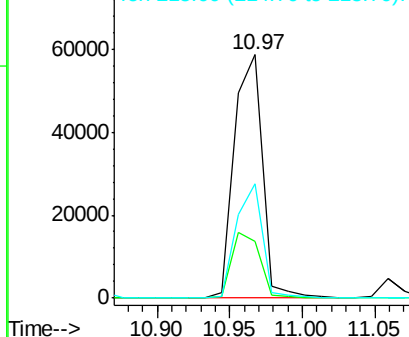


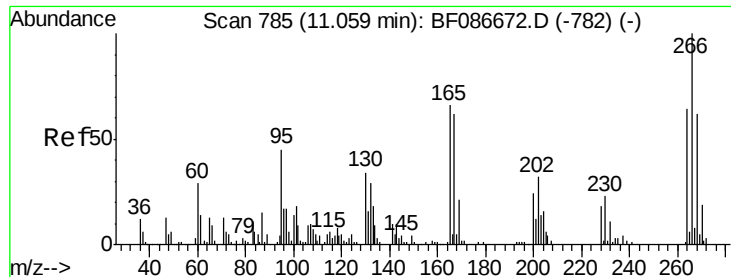
#68
Atrazine
Concen: 10.91 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:200 Resp: 78780
Ion Ratio Lower Upper
200 100
173 23.1 8.5 48.5
215 46.8 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

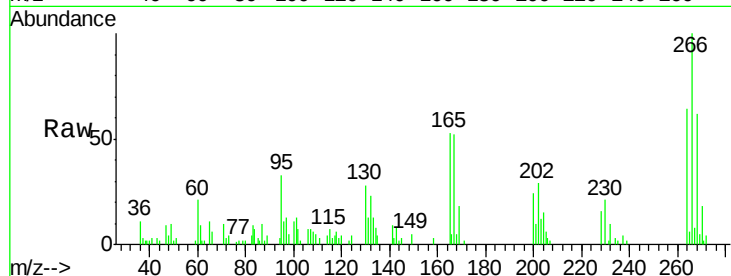




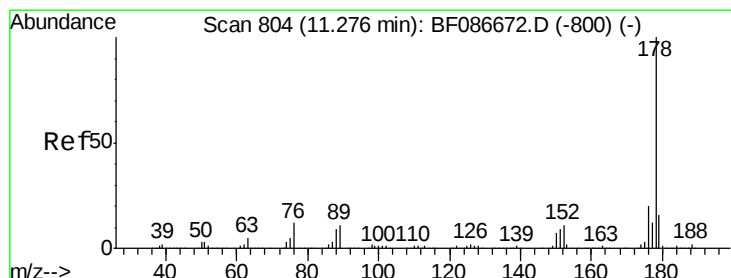
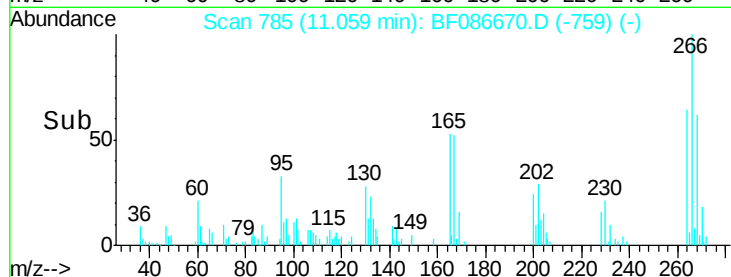
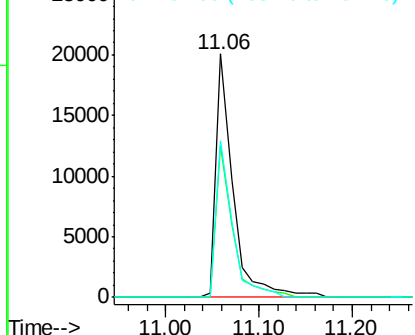
#69
 Pentachlorophenol
 Concen: 5.28 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 25524
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 64.4 52.9 79.3

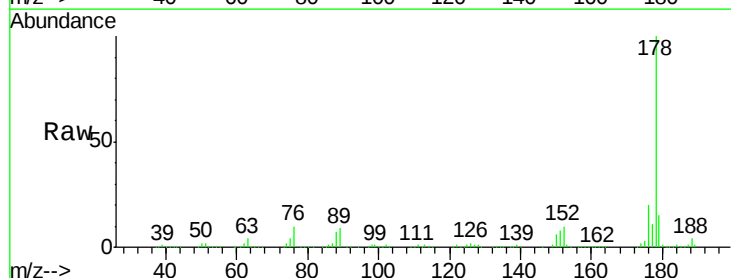


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

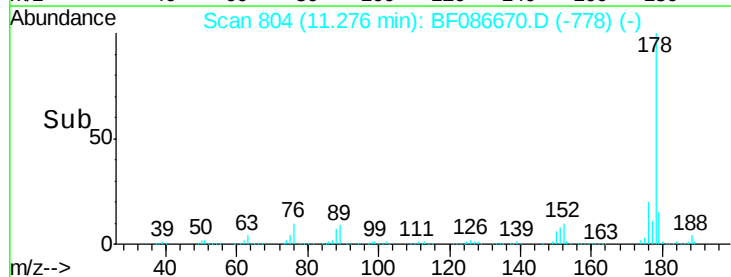
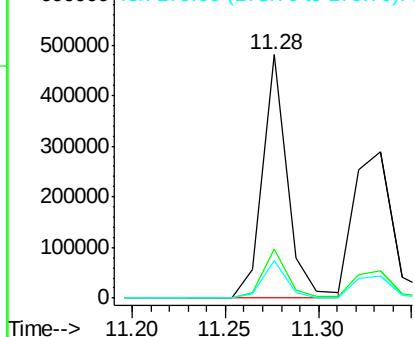


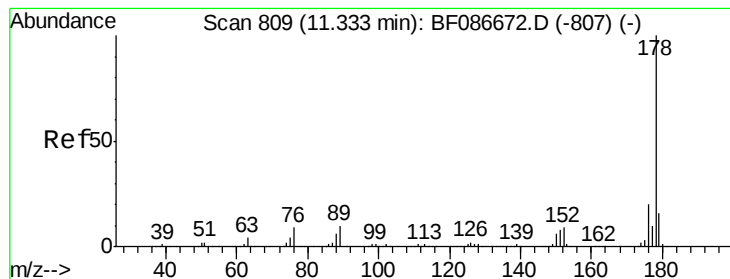
#70
 Phenanthrene
 Concen: 10.92 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:178 Resp: 440807
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.2 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: 10.57 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

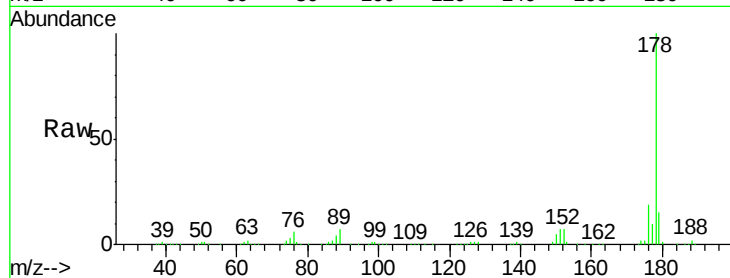
Tot Ion:178 Resp: 455172

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

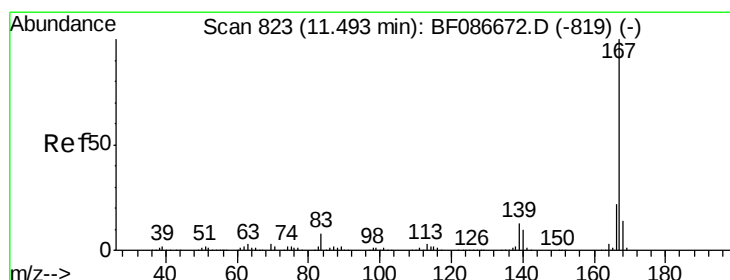
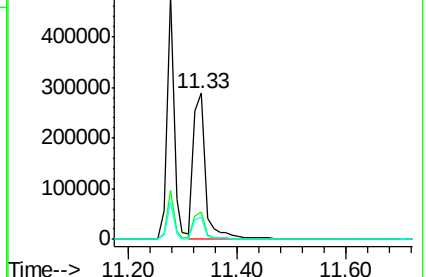
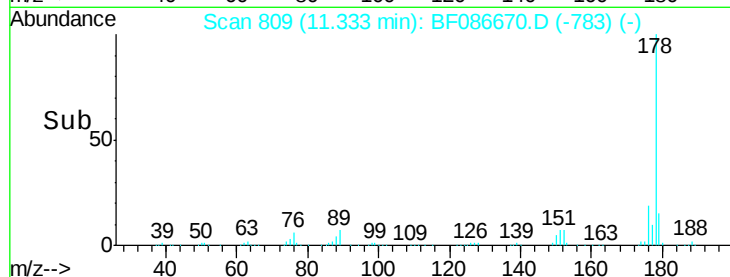
179 15.2 12.7 19.1



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: 10.22 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

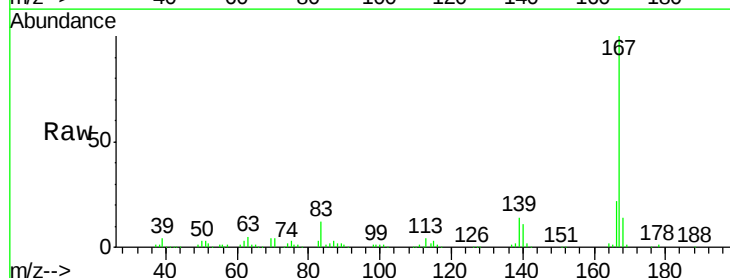
Tgt Ion:167 Resp: 390111

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

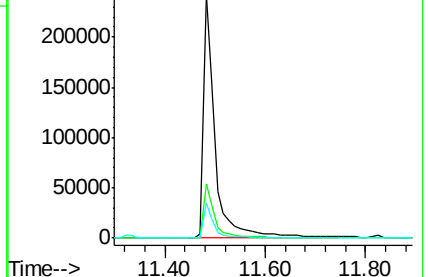
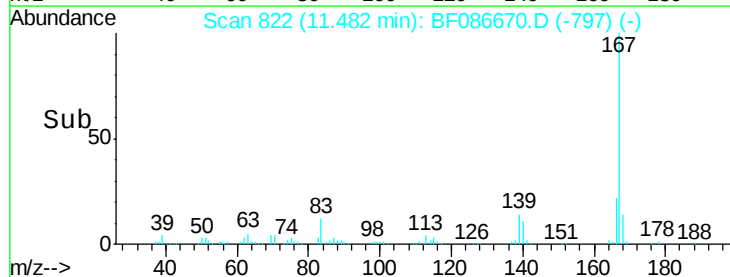
139 14.3 10.8 16.2

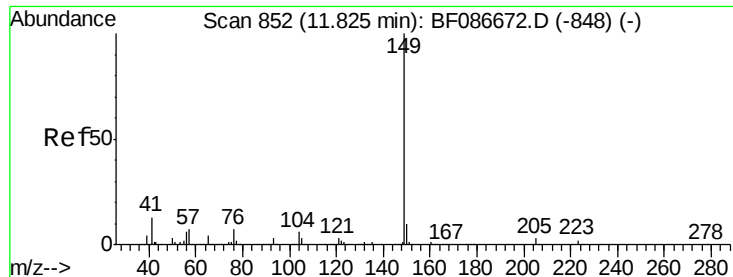


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 11.07 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

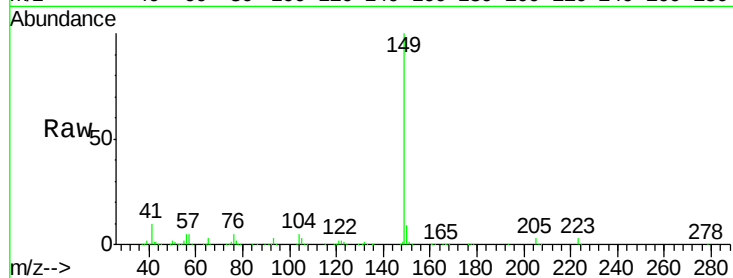
Tot Ion:149 Resp: 478646

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

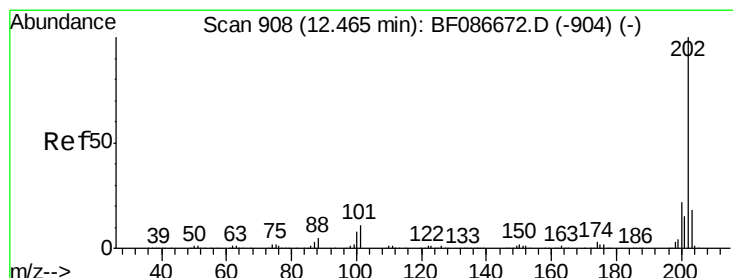
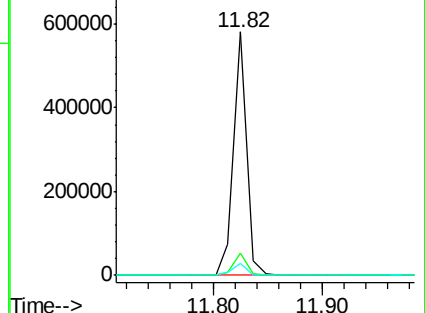
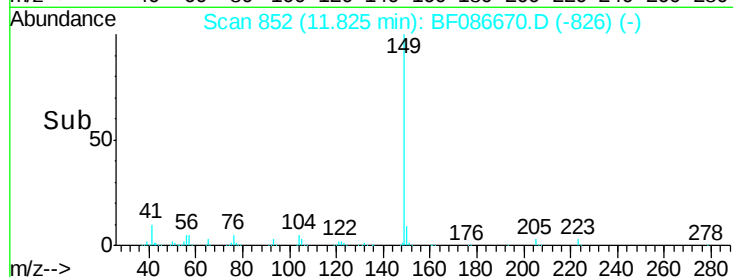
104 5.0 3.8 5.6



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: 10.64 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

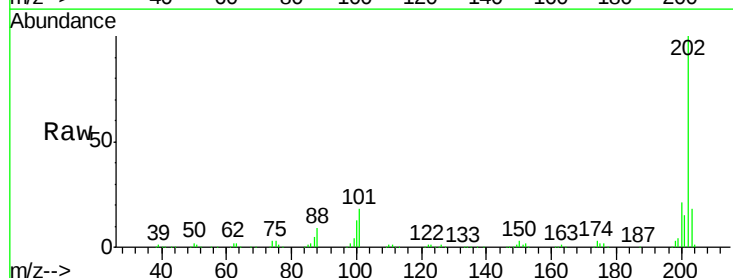
Tgt Ion:202 Resp: 433602

Ion Ratio Lower Upper

202 100

101 17.6 0.0 35.4

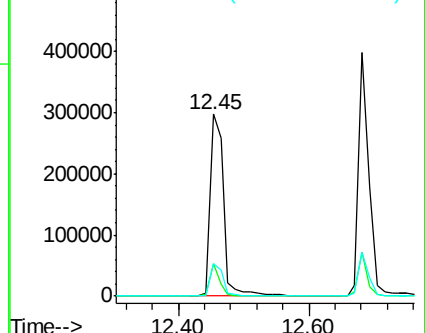
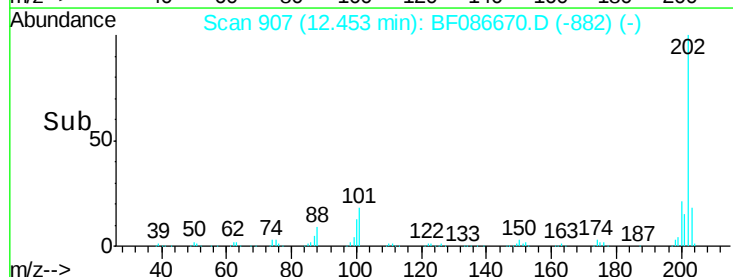
203 17.7 0.0 38.1

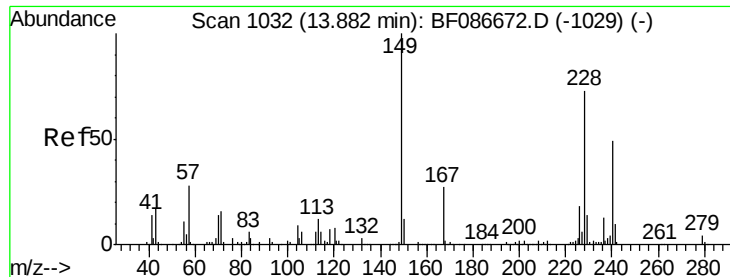


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

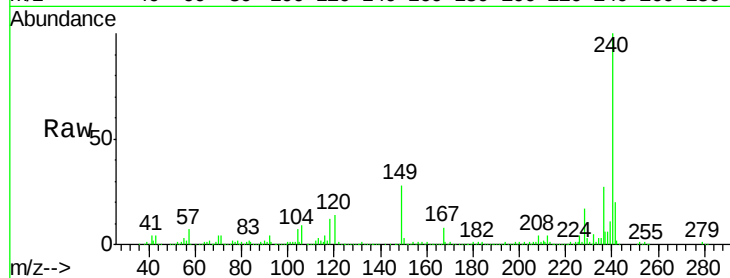
Tot Ion:240 Resp: 556852

Ion Ratio Lower Upper

240 100

120 13.8 11.2 16.8

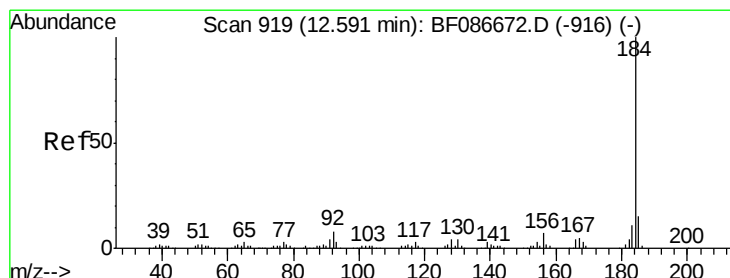
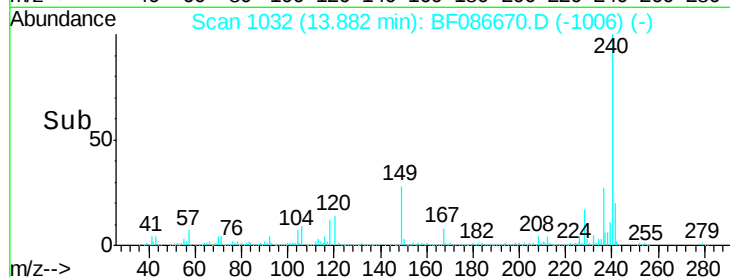
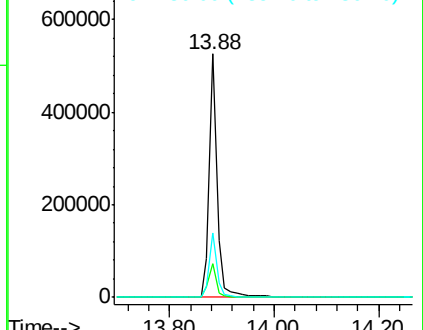
236 26.6 21.2 31.8



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: 3.60 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

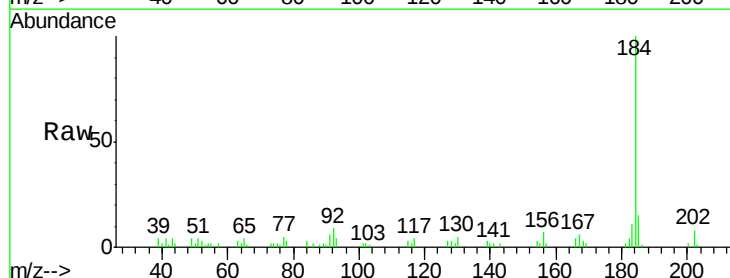
Tgt Ion:184 Resp: 68898

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

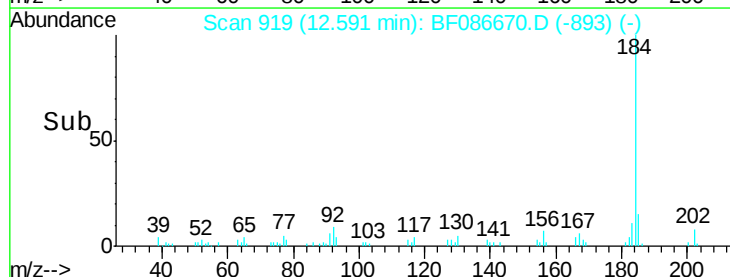
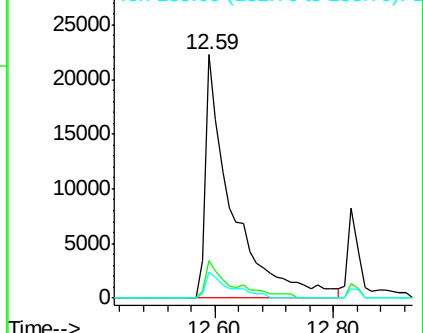
183 10.7 9.8 14.6

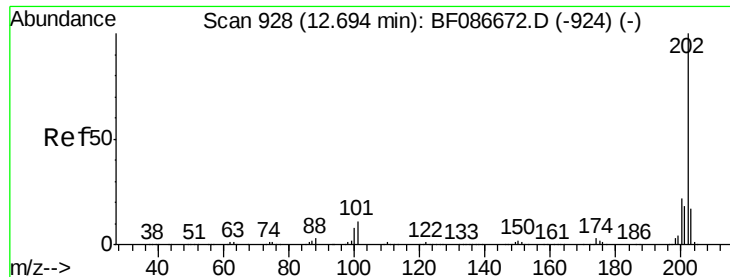


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

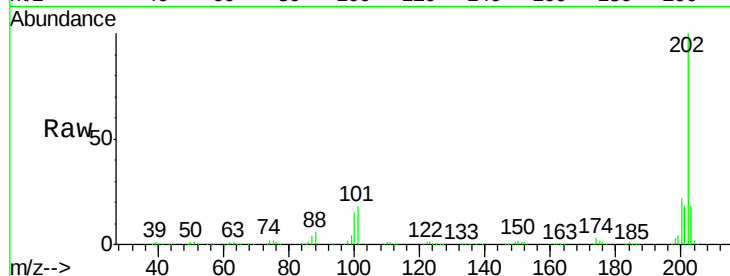




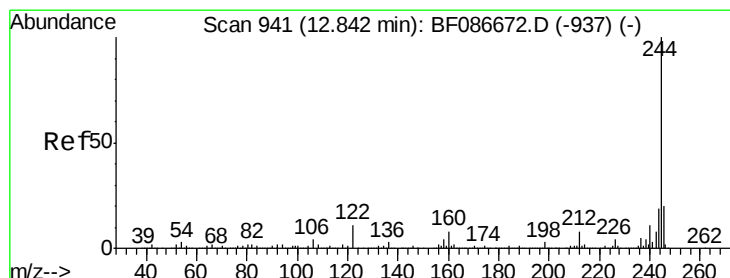
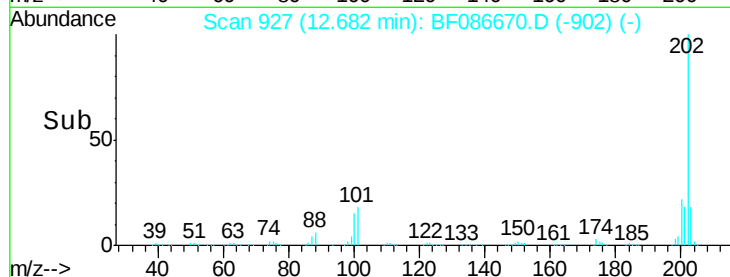
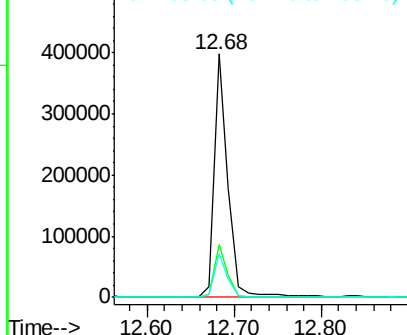
#77
Pvrene
Concen: 10.82 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 434044
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.9 14.2 21.4

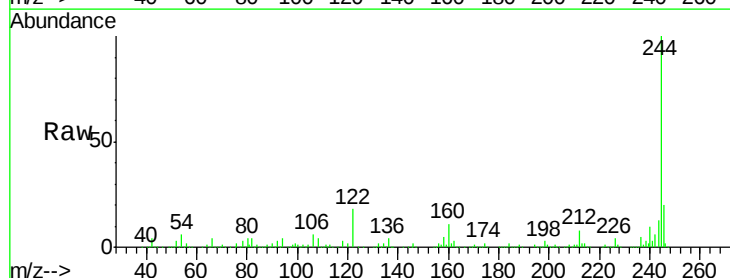


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

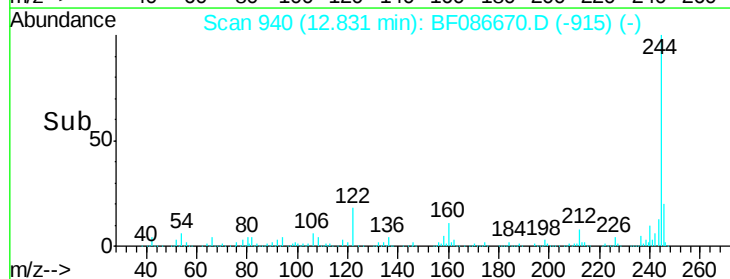
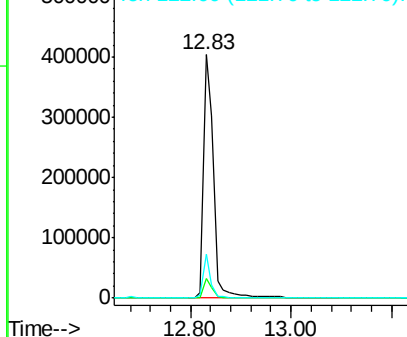


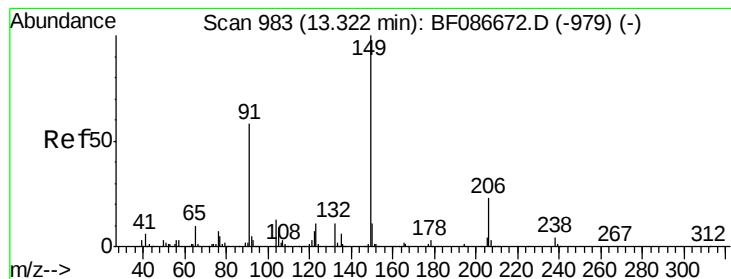
#78
Terphenyl-d14
Concen: 22.02 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:244 Resp: 556485
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 18.2 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: 9.70 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

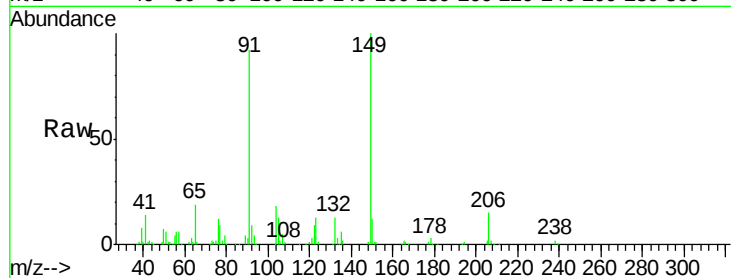
Tot Ion:149 Resp: 168632

Ion Ratio Lower Upper

149 100

91 91.7 48.0 72.0#

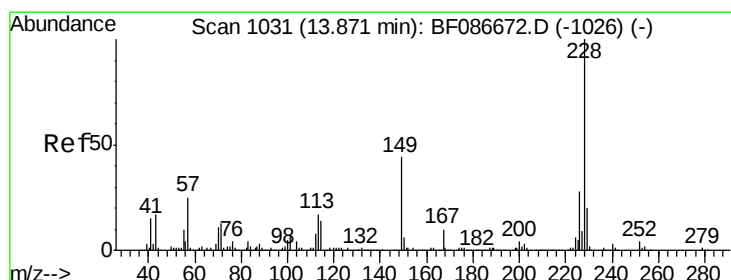
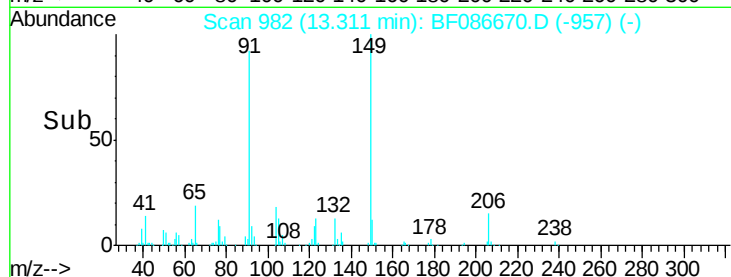
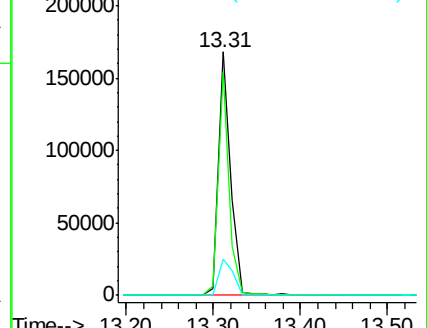
206 14.9 15.8 23.6#



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: 11.05 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

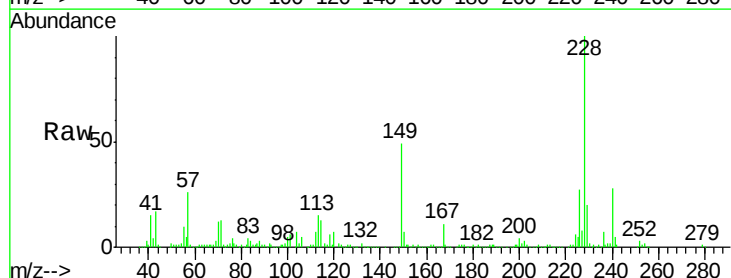
Tgt Ion:228 Resp: 328039

Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

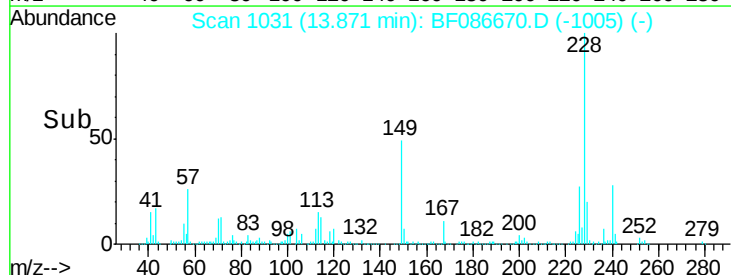
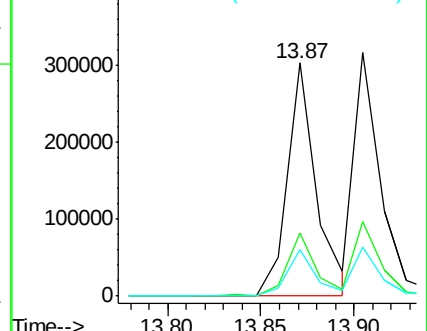
229 19.7 16.6 25.0

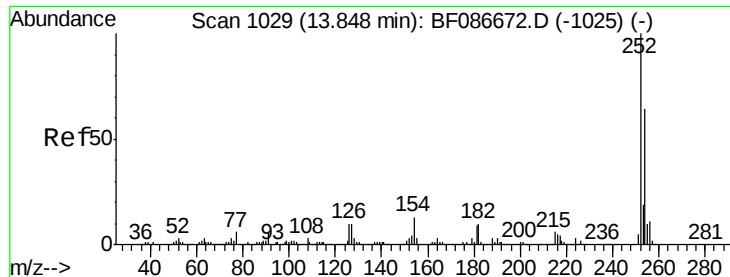


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

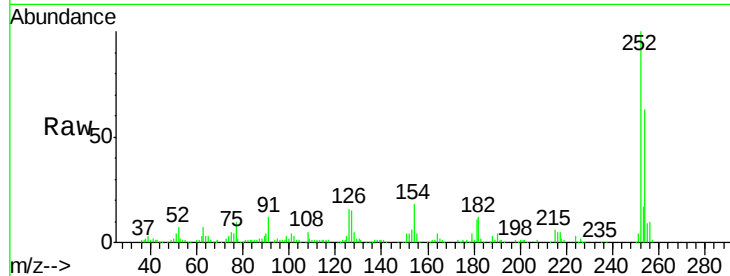




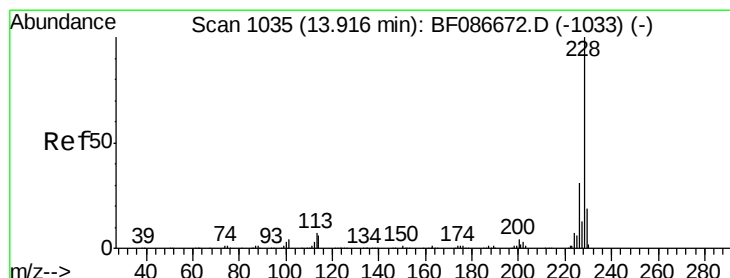
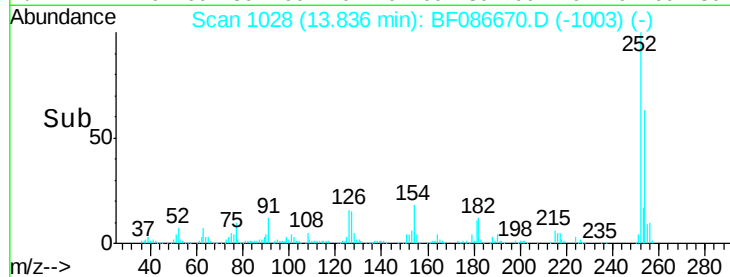
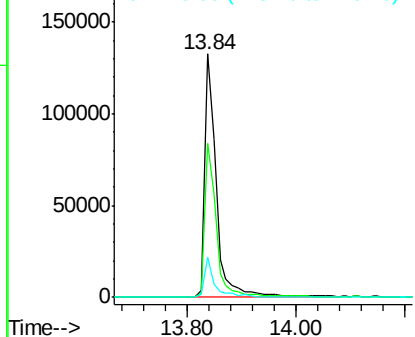
#81
 3,3'-Dichlorobenzidine
 Concen: 9.85 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 195532
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.7 76.1
 126 16.5 12.7 19.1

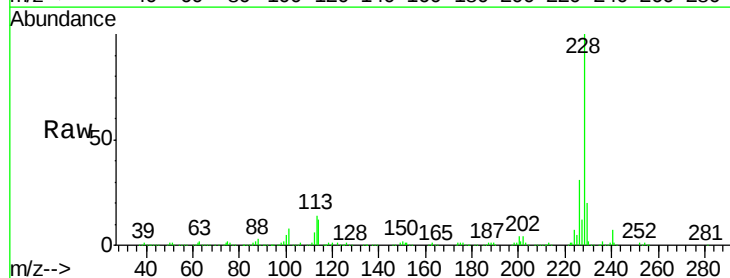


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

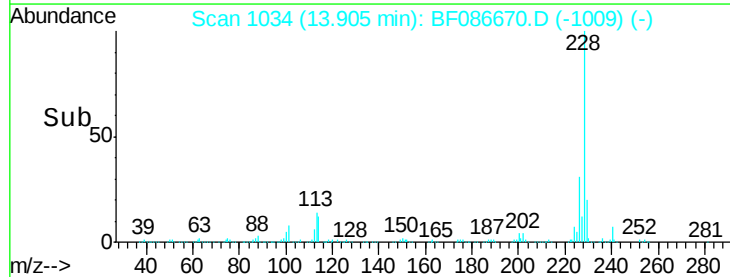
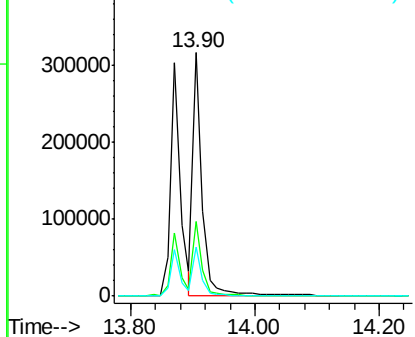


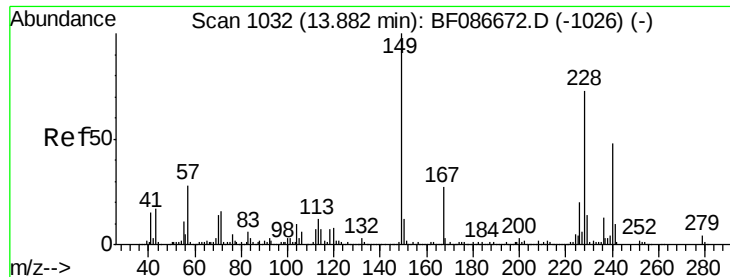
#82
 Chrysene
 Concen: 10.45 ng
 RT: 13.90 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion:228 Resp: 337315
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.9 15.8 23.8



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

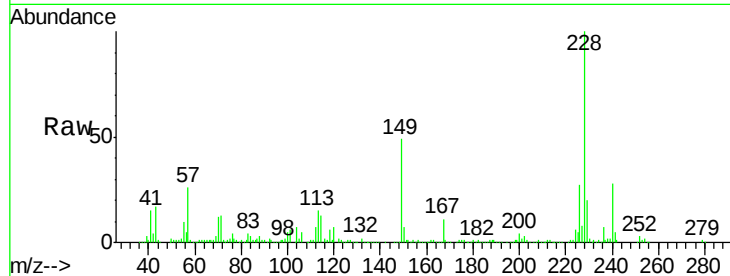




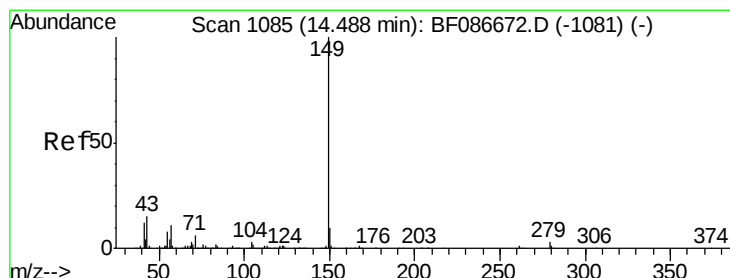
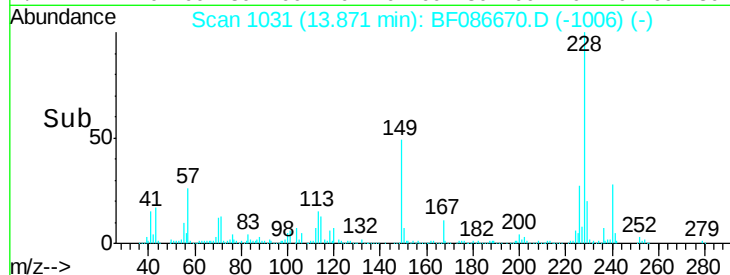
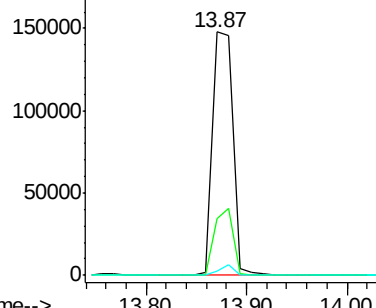
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.67 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.5	21.8	32.6
279	1.5	2.6	4.0

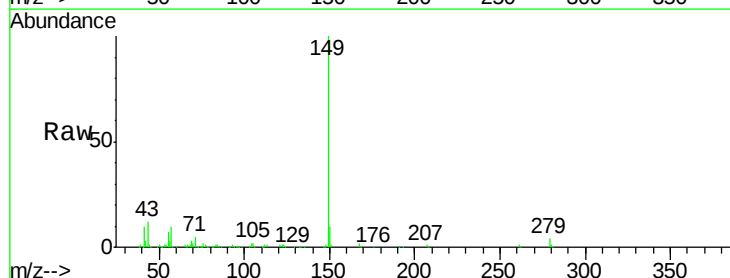


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

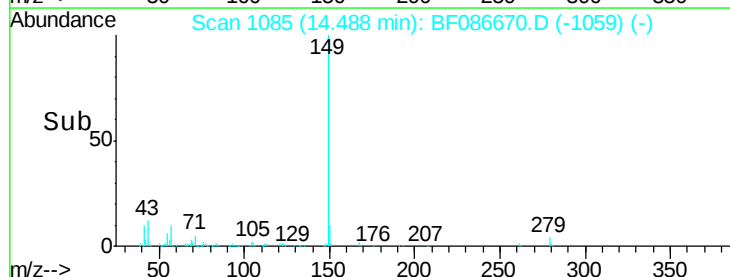
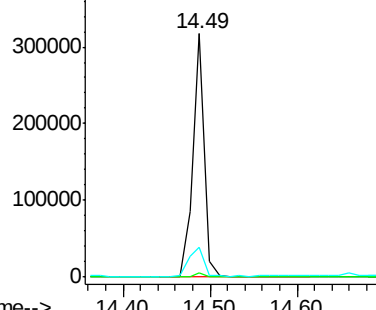


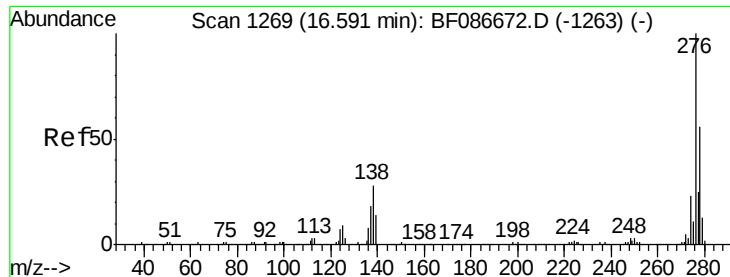
#84
 Di-n-octyl phthalate
 Concen: 8.76 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF086670.D
 Acq: 4 May 2016 11:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.7	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

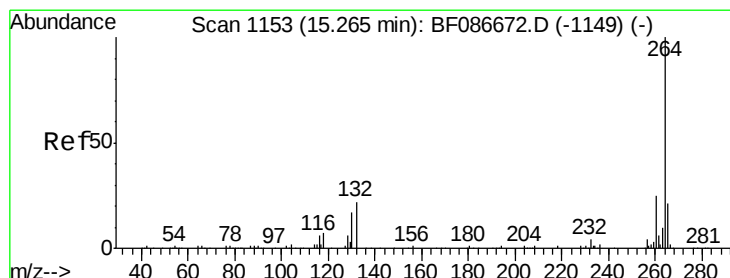
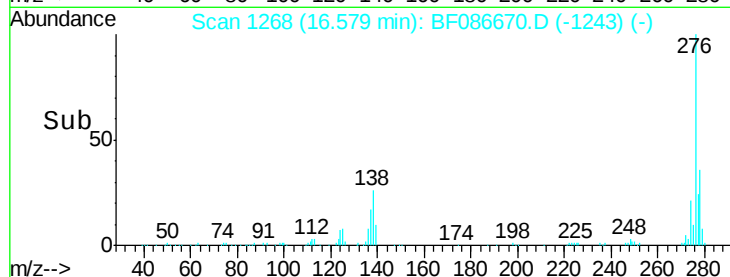
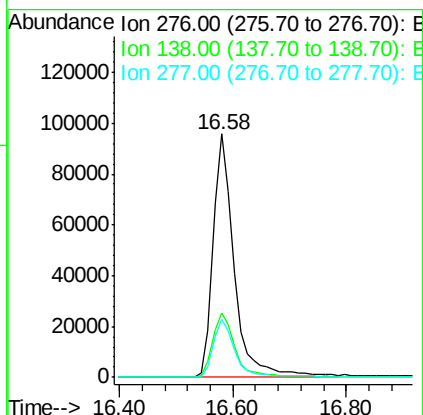
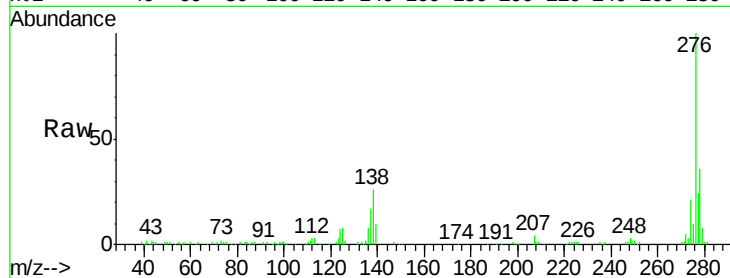




#85
Indeno(1,2,3-cd)pyrene
Concen: 10.33 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

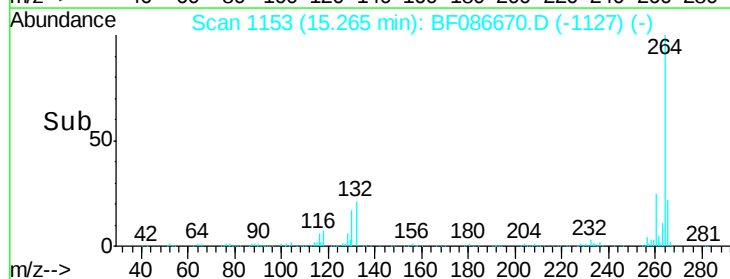
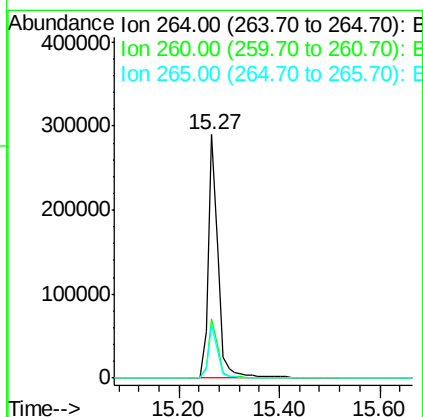
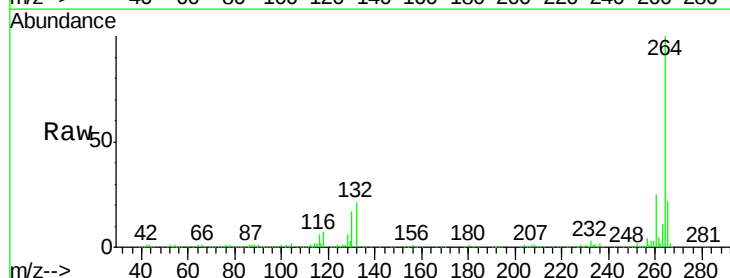
Instrument :
BNA_F
ClientSampleId :

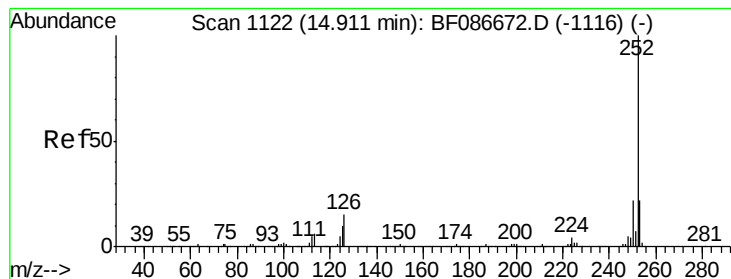
Tot Ion:276 Resp: 247079
Ion Ratio Lower Upper
276 100
138 28.8 25.6 38.4
277 24.6 20.5 30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF086670.D
Acq: 4 May 2016 11:48

Tgt Ion:264 Resp: 392168
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 21.63 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampled :

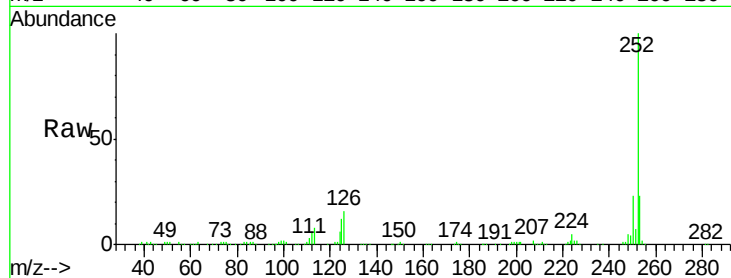
Tot Ion:252 Resp: 499022

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

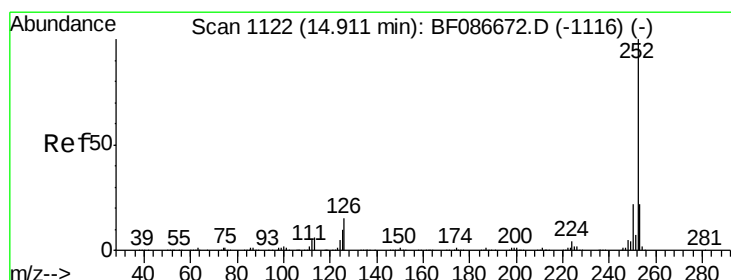
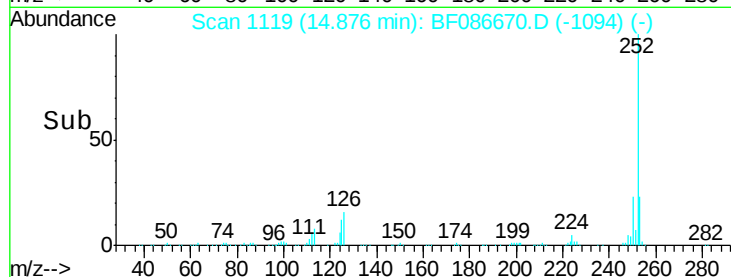
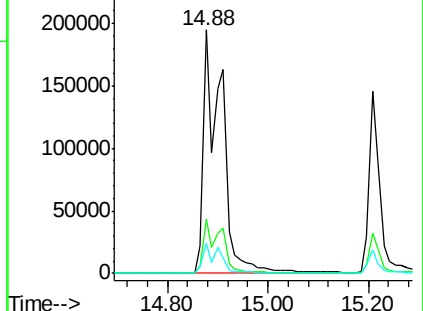
125 12.2 11.4 17.0



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: 20.78 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

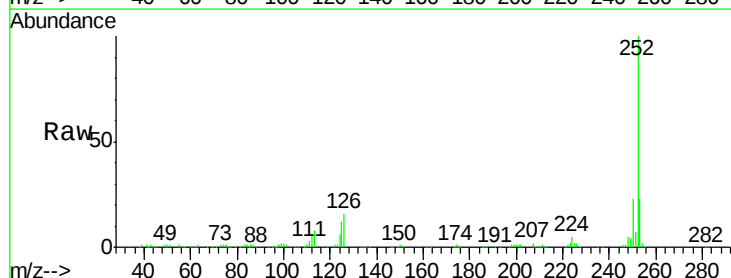
Tgt Ion:252 Resp: 500089

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

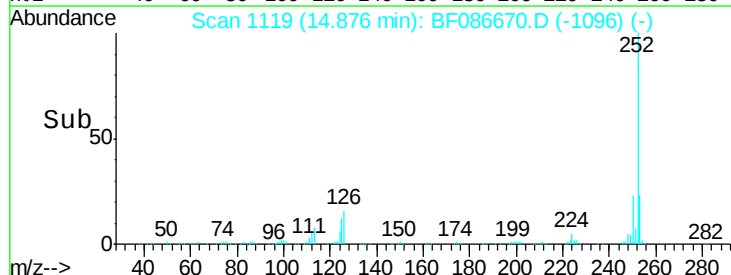
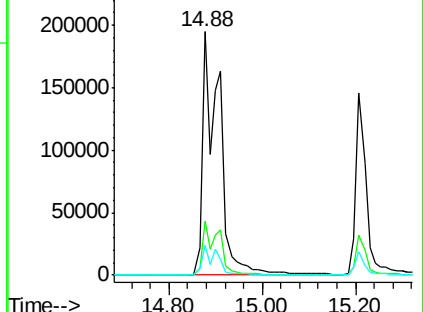
125 12.2 9.1 13.7

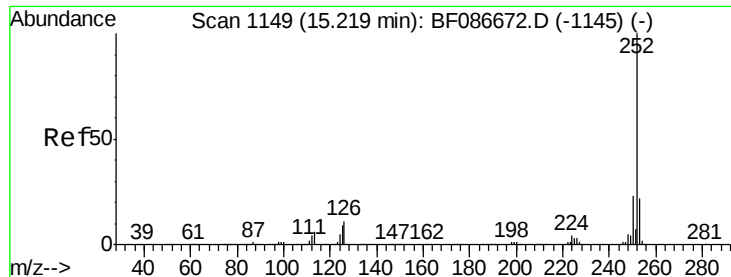


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.18 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :

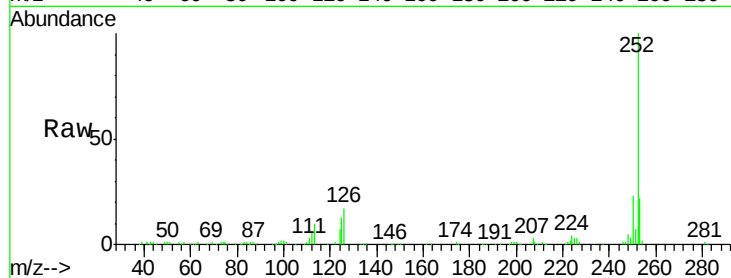
Tot Ion:252 Resp: 221764

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

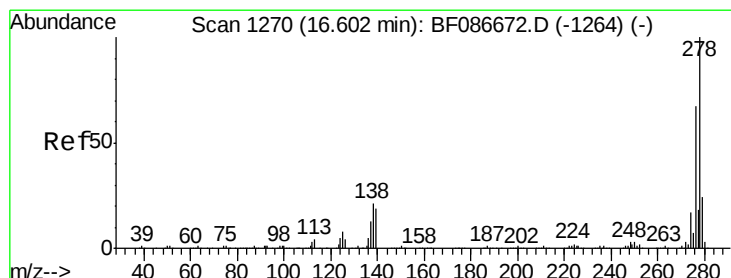
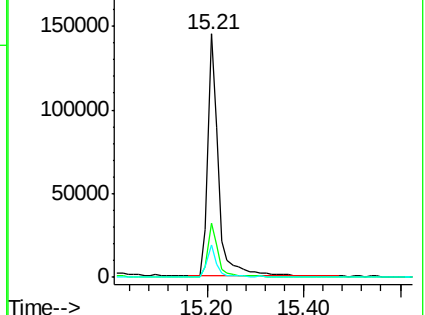
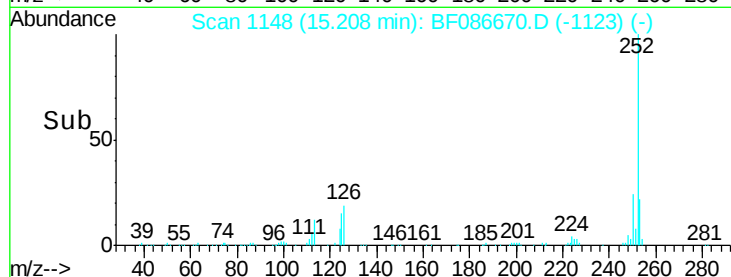
125 13.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 11.58 ng

RT: 16.59 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF086670.D

Acq: 4 May 2016 11:48

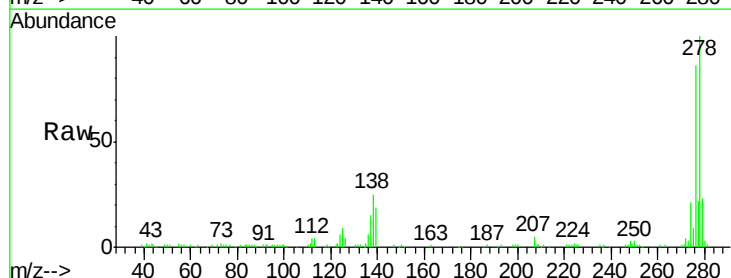
Tgt Ion:278 Resp: 206383

Ion Ratio Lower Upper

278 100

139 19.4 16.6 24.8

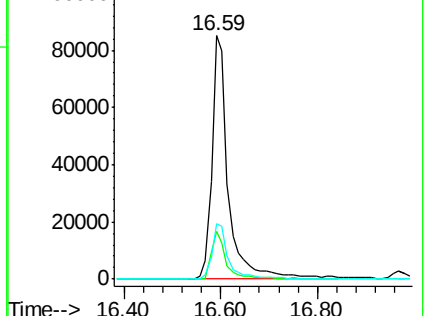
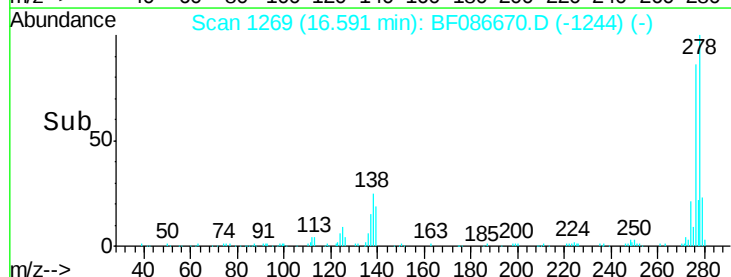
279 22.7 19.6 29.4

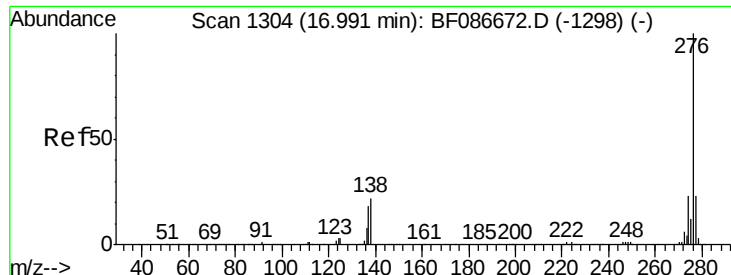


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 11.54 ng

RT: 16.97 min Scan# 1302

Delta R.T. -0.02 min

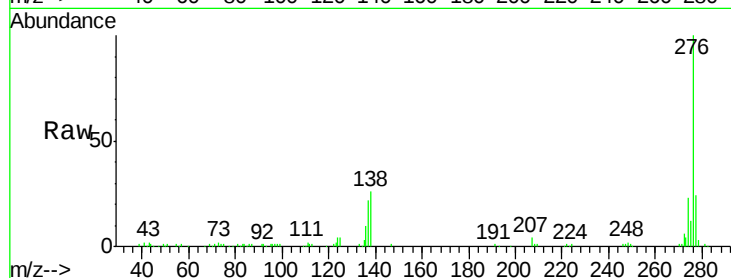
Lab File: BF086670.D

Acq: 4 May 2016 11:48

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 206116

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 25.7 23.6 35.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

