

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086937.D
 Acq On : 12 May 2016 18:24
 Operator : UM/SJ
 Sample : H2968-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Quant Time: May 13 00:49:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	661752	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	319806	20.00	ng	-0.08
63) Phenanthrene-d10	11.14	188	587890	20.00	ng	-0.07
75) Chrysene-d12	13.76	240	332684	20.00	ng	-0.08
86) Perylene-d12	15.12	264	319811	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1115388	0.00	ng	-0.07
7) Phenol-d6	6.41	99	46688	0.00	ng	0.05
23) Nitrobenzene-d5	7.20	82	1041078	79.00	ng	-0.07
41) 2,4,6-Tribromophenol	10.46	330	452064	133.52	ng	-0.07
44) 2-Fluorobiphenyl	8.99	172	1553402	81.63	ng	-0.07
78) Terphenyl-d14	12.72	244	1240747	79.13	ng	-0.08

Target Compounds

						Qvalue
22) Acetophenone	7.05	105	699885	44.78	ng	97
24) Nitrobenzene	7.22	77	596019	43.96	ng	94
25) Isophorone	7.46	82	1008135	41.23	ng	99
26) 2-Nitrophenol	7.53	139	244386	41.01	ng	# 63
27) 2,4-Dimethylphenol	7.60	122	410980	40.49	ng	95
28) bis(2-Chloroethoxy)methane	7.68	93	614645	46.60	ng	99
29) 2,4-Dichlorophenol	7.78	162	384587	43.04	ng	92
30) 1,2,4-Trichlorobenzene	7.85	180	411971	41.24	ng	96
31) Naphthalene	7.93	128	1279977	38.62	ng	99
32) Benzoic acid	7.60	122	410980	68.93	ng	# 18
33) 4-Chloroaniline	8.00	127	319340	24.80	ng	# 95
34) Hexachlorobutadiene	8.06	225	277338	47.85	ng	98
35) Caprolactam	8.38	113	80572	26.50	ng	# 45
36) 4-Chloro-3-methylphenol	8.50	107	438409	40.46	ng	93
37) 2-Methylnaphthalene	8.63	142	924911	47.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	406552	43.72	ng	99
40) Hexachlorocyclopentadiene	8.78	237	320583	72.64	ng	94
42) 2,4,6-Trichlorophenol	8.91	196	247192	39.76	ng	92
43) 2,4,5-Trichlorophenol	8.96	196	241193	37.51	ng	# 78
45) 1,1'-Biphenyl	9.10	154	1043527	41.02	ng	99
46) 2-Chloronaphthalene	9.11	162	779546	39.12	ng	93
47) 2-Nitroaniline	9.22	65	329675	45.26	ng	# 82
48) Acenaphthylene	9.52	152	1164756	39.73	ng	98
49) Dimethylphthalate	9.40	163	1061602	43.51	ng	100
50) 2,6-Dinitrotoluene	9.46	165	191168	37.23	ng	# 71
51) Acenaphthene	9.69	154	714777	39.20	ng	98
52) 3-Nitroaniline	9.63	138	165319	30.58	ng	83
53) 2,4-Dinitrophenol	9.75	184	82557	36.13	ng	# 86
54) Dibenzofuran	9.86	168	1056506	45.14	ng	92
55) 4-Nitrophenol	9.83	139	260607	72.74	ng	# 61
56) 2,4-Dinitrotoluene	9.87	165	255705	40.24	ng	# 75
57) Fluorene	10.20	166	749402	37.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	211053	43.60	ng	98
59) Diethylphthalate	10.10	149	964092	40.55	ng	97

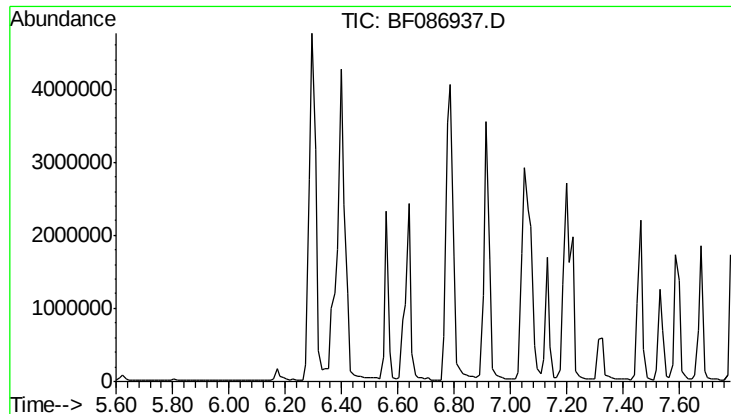
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	10.20	204	383757	43.92	ng	91
61) 4-Nitroaniline	10.25	138	201065	38.73	ng	# 68
62) Azobenzene	10.36	77	1159187	45.19	ng	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	126812	34.72	ng	# 38
65) n-Nitrosodiphenylamine	10.33	169	789425	43.71	ng	100
66) 4-Bromophenyl-phenylether	10.69	248	229712	38.54	ng	# 85
67) Hexachlorobenzene	10.75	284	318026	45.65	ng	# 90
68) Atrazine	10.87	200	249370	41.33	ng	94
69) Pentachlorophenol	10.96	266	268703	83.47	ng	95
70) Phenanthrene	11.17	178	1287361	41.03	ng	99
71) Anthracene	11.21	178	1164339	36.29	ng	99
72) Carbazole	11.38	167	1147484	41.60	ng	99
73) Di-n-butylphthalate	11.71	149	1376034	40.85	ng	99
74) Fluoranthene	12.34	202	1207394	37.42	ng	96
76) Benzidine	12.48	184	347988	41.03	ng	96
77) Pyrene	12.57	202	1248778	49.03	ng	99
79) Butylbenzylphthalate	13.20	149	517999	48.08	ng	# 78
80) Benzo(a)anthracene	13.75	228	825369	44.19	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	207005	17.45	ng	# 97
82) Chrysene	13.79	228	855115	45.01	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	615983	47.53	ng	# 95
84) Di-n-octyl phthalate	14.37	149	925611	43.12	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.38	276	803671	50.84	ng	95
87) Benzo(b)fluoranthene	14.75	252	1400824	67.40	ng	# 96
88) Benzo(k)fluoranthene	14.75	252	1400824	82.31	ng	99
89) Benzo(a)pyrene	15.07	252	696839	38.87	ng	# 97
90) Dibenzo(a,h)anthracene	16.39	278	666332	44.10	ng	# 95
91) Benzo(g,h,i)perylene	16.74	276	686856	44.74	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

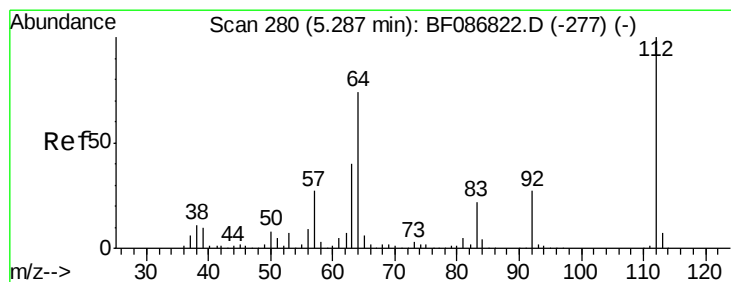
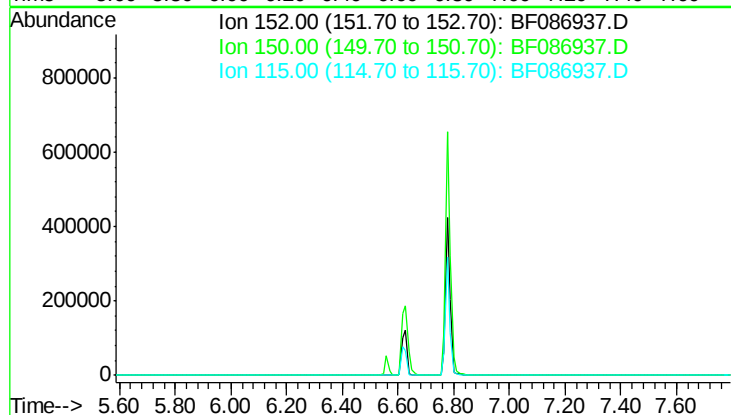
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

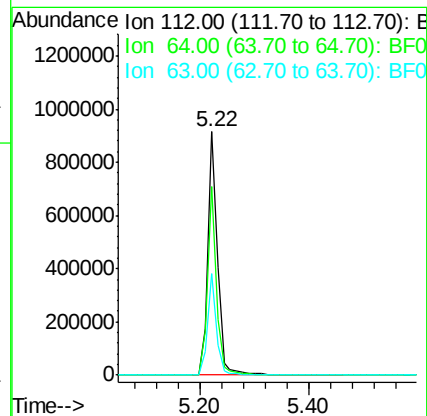
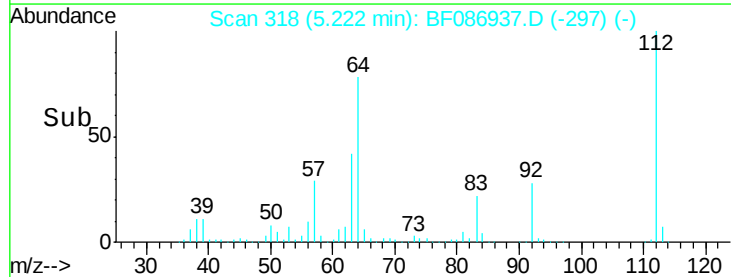
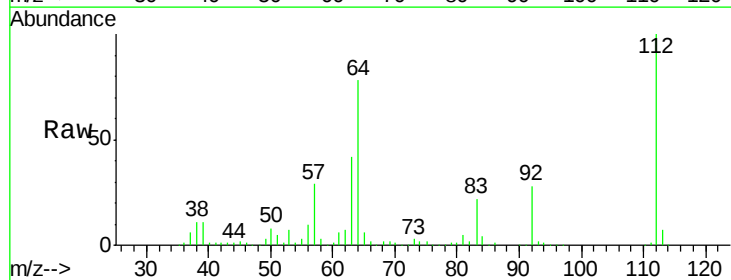
Tgt Ion:112 Resp: 1115388

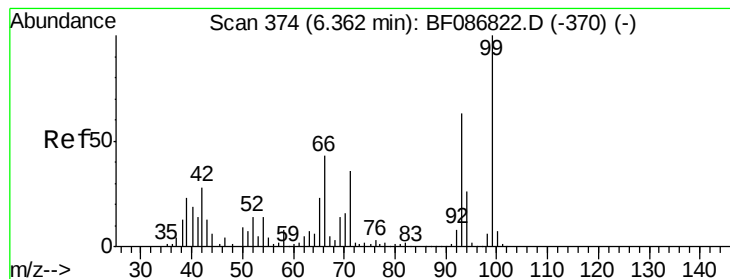
Ion Ratio Lower Upper

112 100

64 77.6 52.1 78.1

63 41.9 25.7 38.5#





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.05 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

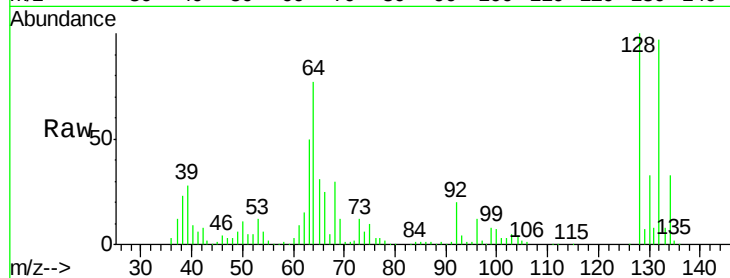
Tgt Ion: 99 Resp: 46688

Ion Ratio Lower Upper

99 100

42 98.5 13.6 20.4#

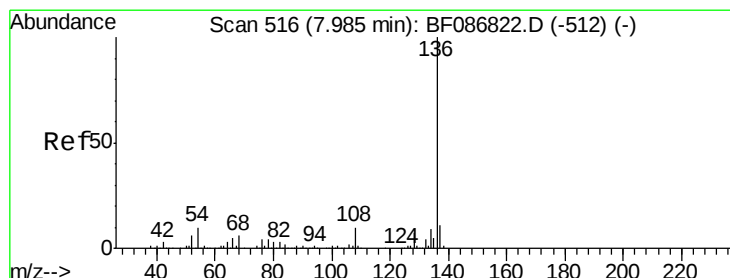
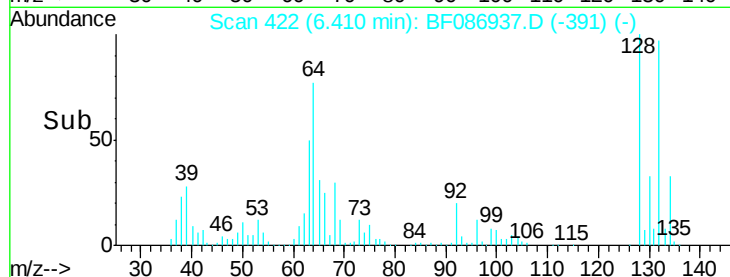
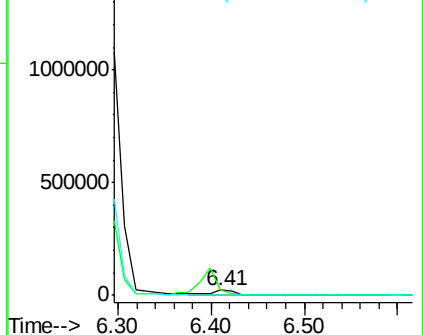
71 12.4 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion: 136 Resp: 661752

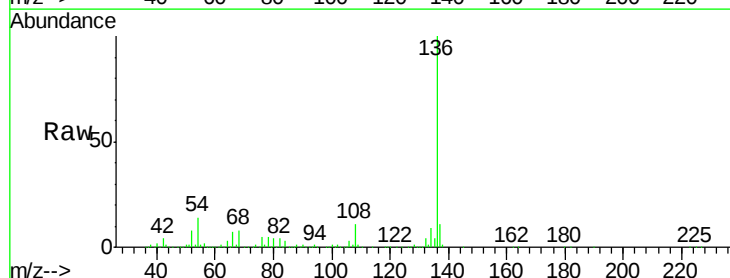
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 14.1 5.0 7.4#

68 7.5 4.4 6.6#

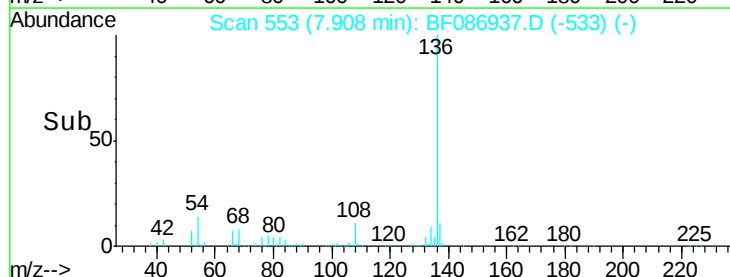
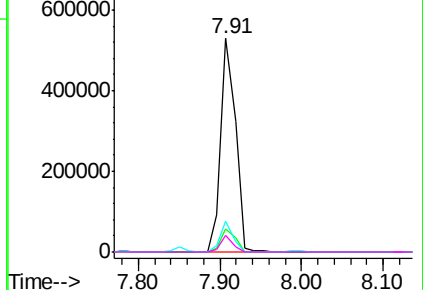


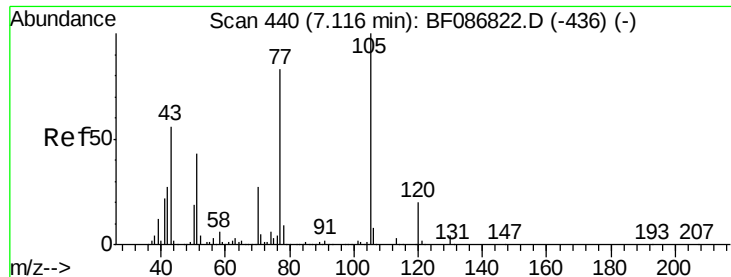
Abundance Ion 136.00 (135.70 to 136.70): E

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

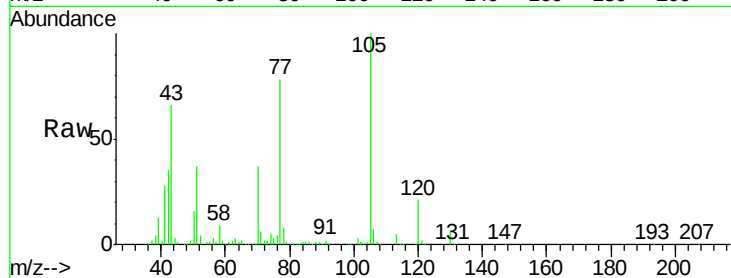




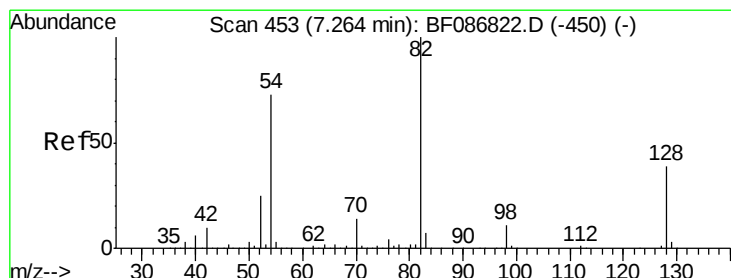
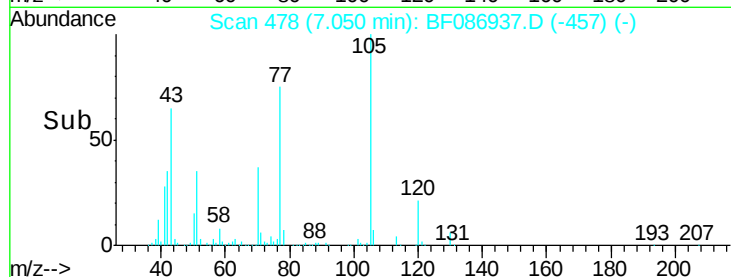
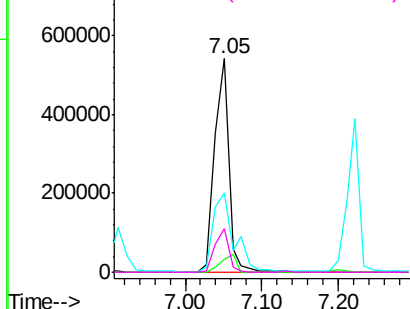
#22
Acetophenone
Concen: 44.78 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
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ClientSampleId :
TP40-4FTMSD

Tgt Ion: 105 Resp: 699885
Ion Ratio Lower Upper
105 100
71 6.2 4.8 7.2
51 37.4 32.6 49.0
120 20.7 16.5 24.7

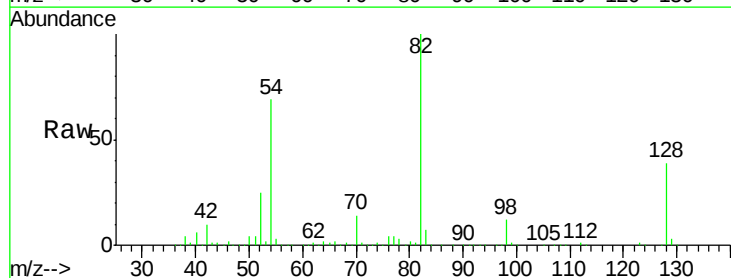


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

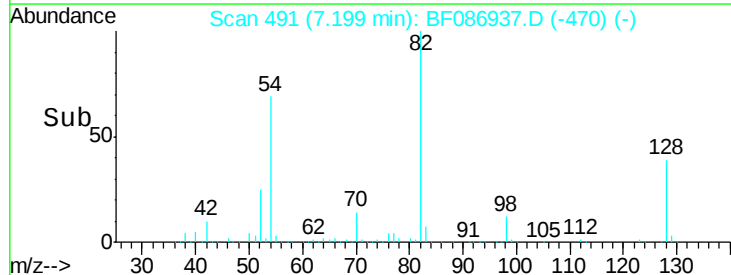
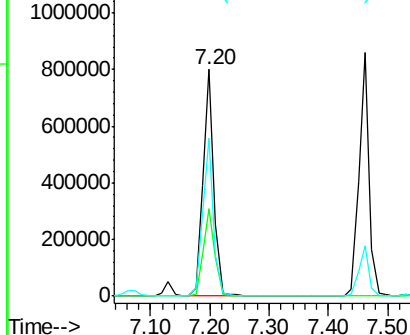


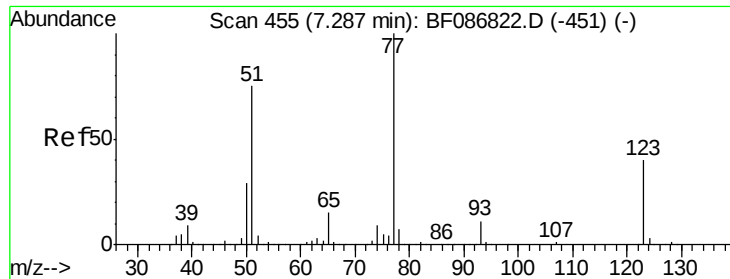
#23
Nitrobenzene-d5
Concen: 79.00 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion: 82 Resp: 1041078
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 69.4 38.1 57.1#



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

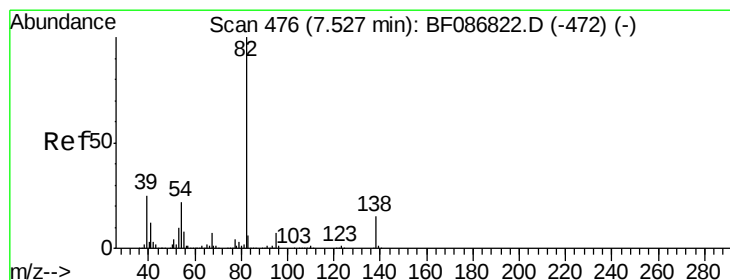
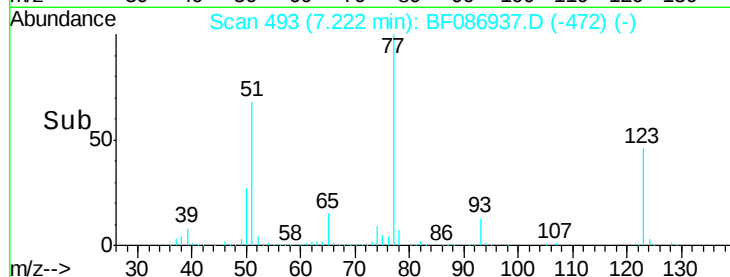
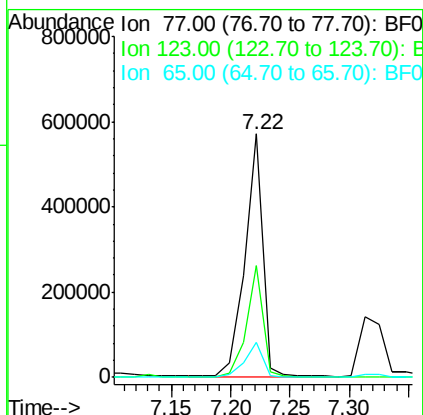
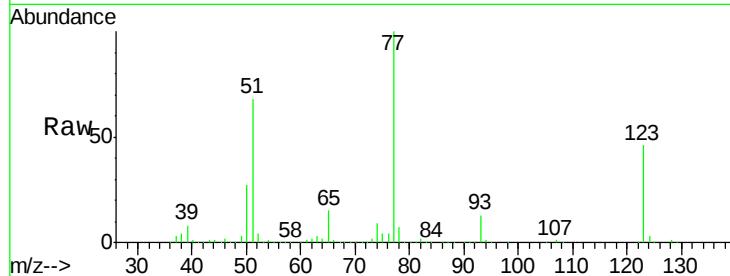




#24
Nitrobenzene
Concen: 43.96 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

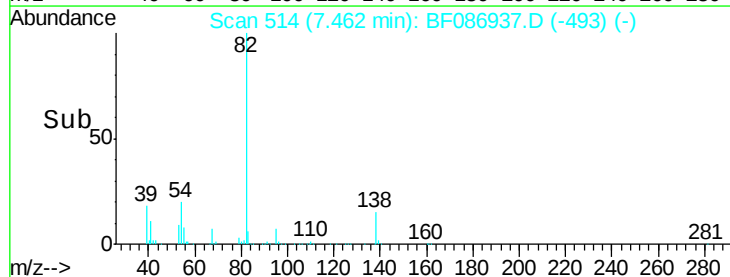
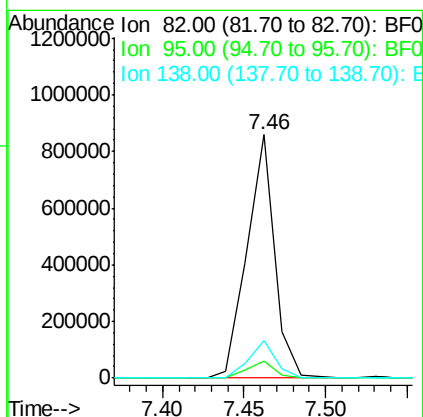
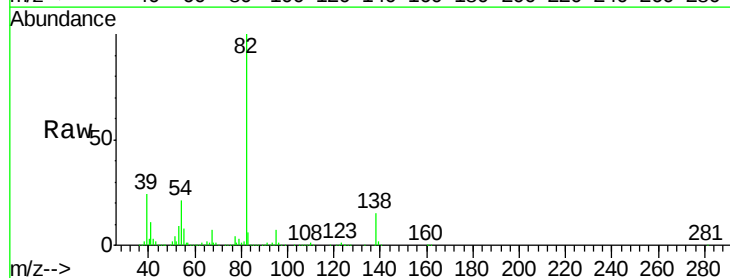
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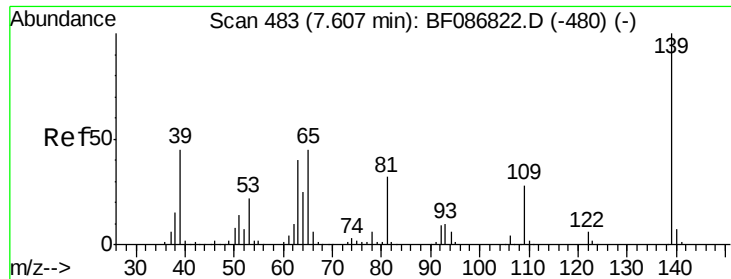
Tgt Ion: 77 Resp: 596019
Ion Ratio Lower Upper
77 100
123 46.0 33.0 49.4
65 14.6 10.8 16.2



#25
Isophorone
Concen: 41.23 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion: 82 Resp: 1008135
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 15.2 12.4 18.6

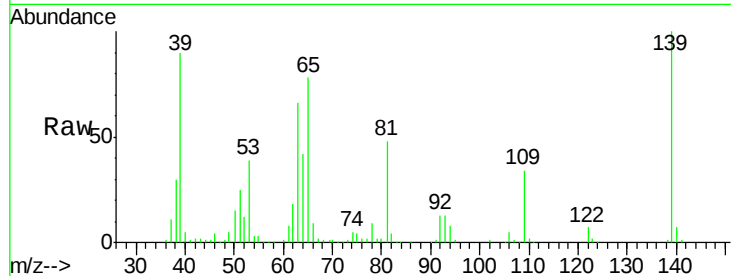




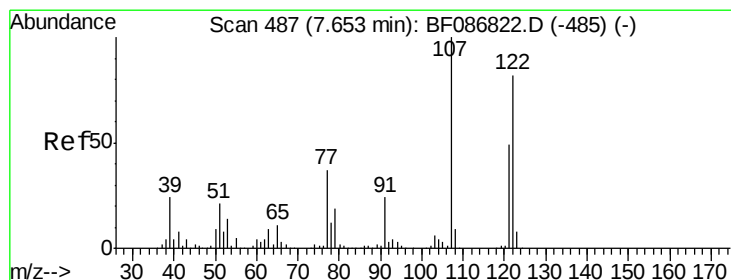
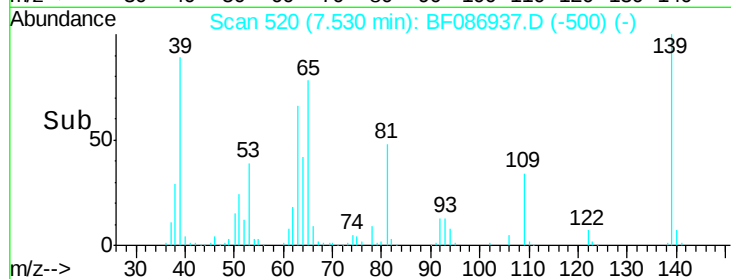
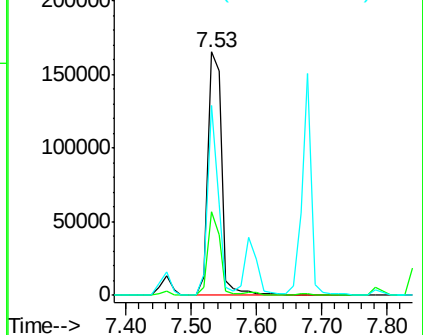
#26
2-Nitrophenol
Concen: 41.01 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion:139 Resp: 244386
Ion Ratio Lower Upper
139 100
109 34.3 19.5 29.3#
65 77.9 37.5 56.3#

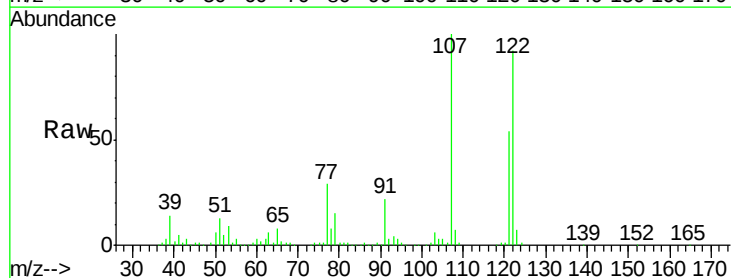


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

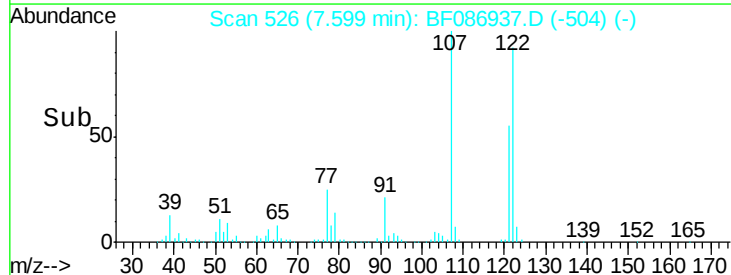
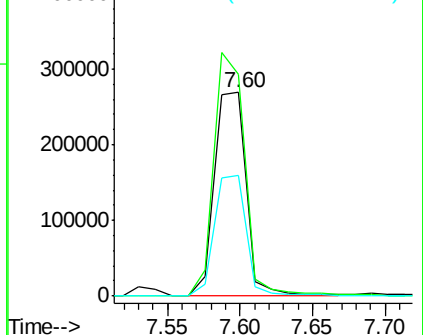


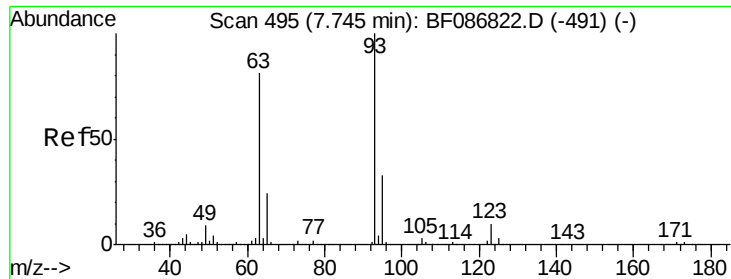
#27
2,4-Dimethylphenol
Concen: 40.49 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:122 Resp: 410980
Ion Ratio Lower Upper
122 100
107 109.1 82.0 123.0
121 59.4 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

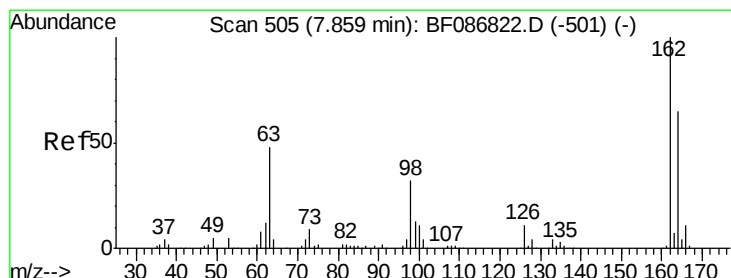
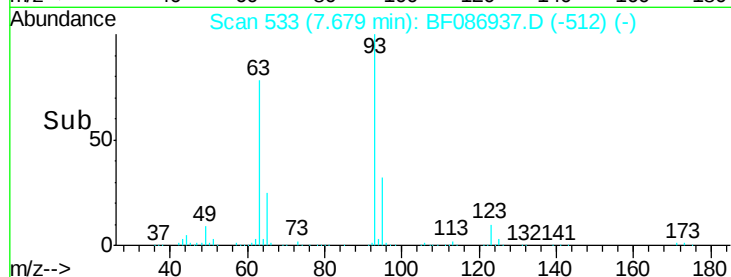
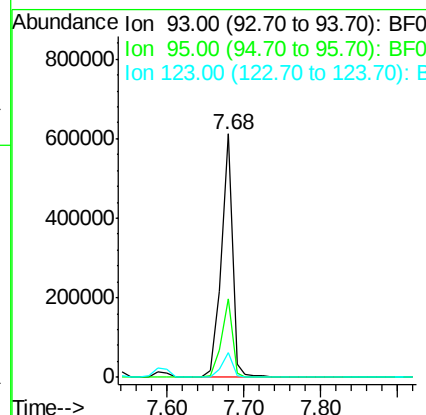
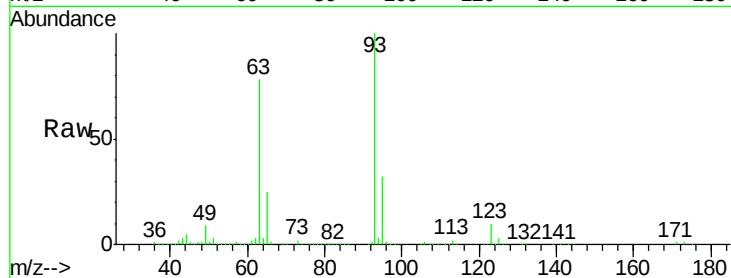




#28
 bis(2-Chloroethoxy)methane
 Concen: 46.60 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

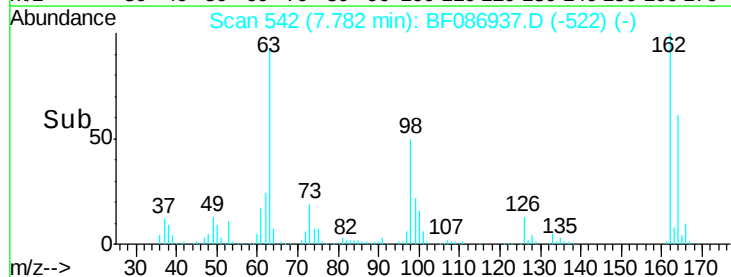
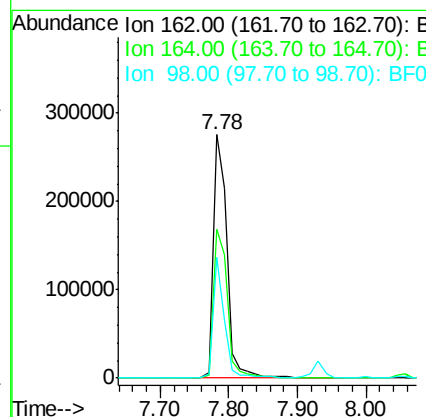
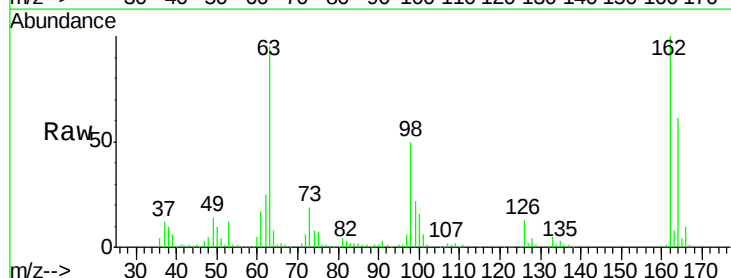
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

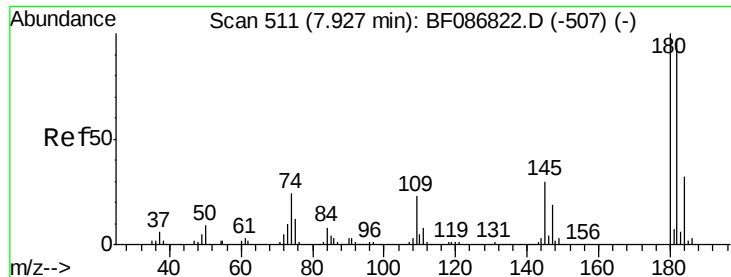
Tgt Ion: 93 Resp: 614645
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 10.2 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 43.04 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion: 162 Resp: 384587
 Ion Ratio Lower Upper
 162 100
 164 61.0 42.2 82.2
 98 49.5 19.0 59.0

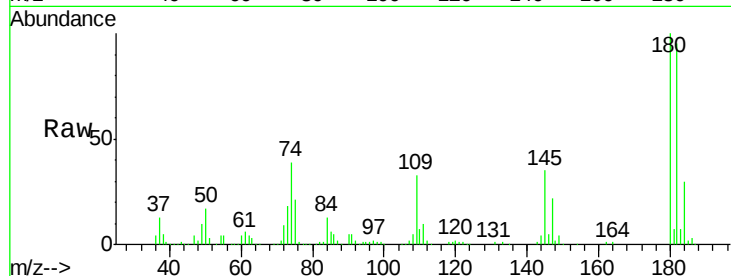




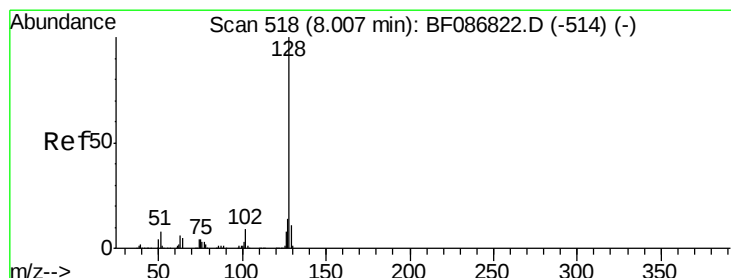
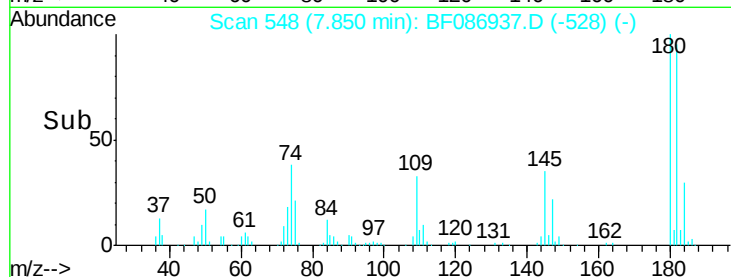
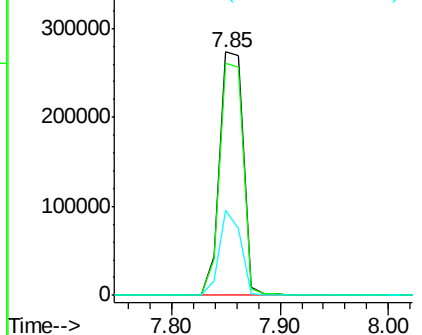
#30
 1,2,4-Trichlorobenzene
 Concen: 41.24 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.08 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt Ion:180 Resp: 411971
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.0 117.0
 145 35.1 24.2 36.2

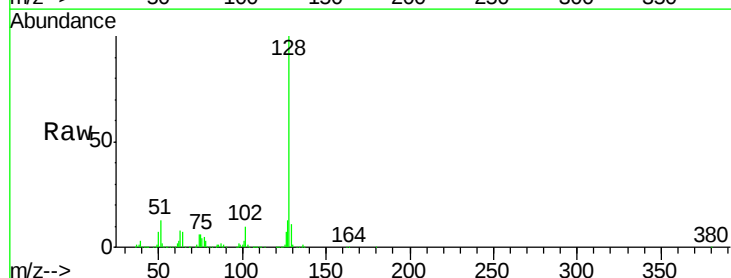


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

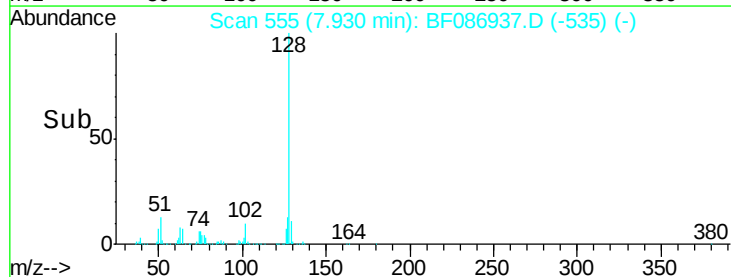
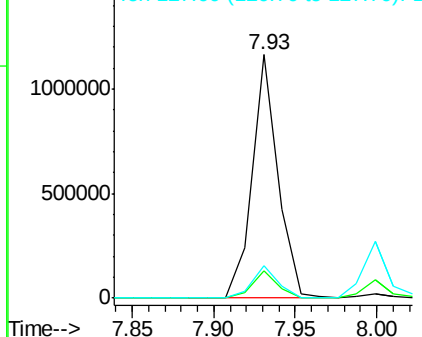


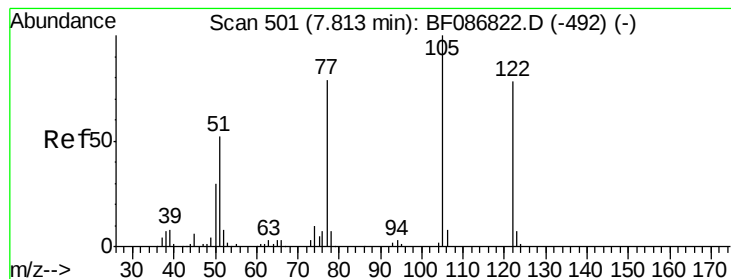
#31
 Naphthalene
 Concen: 38.62 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.08 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:128 Resp: 1279977
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 13.0
 127 13.5 10.8 16.2



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





#32

Benzoic acid

Concen: 68.93 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.21 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

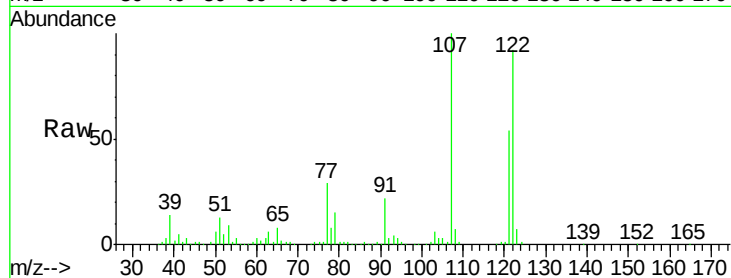
Tgt Ion:122 Resp: 410980

Ion Ratio Lower Upper

122 100

105 3.7 92.6 132.6#

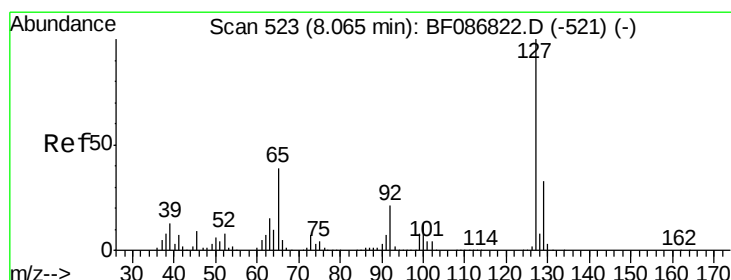
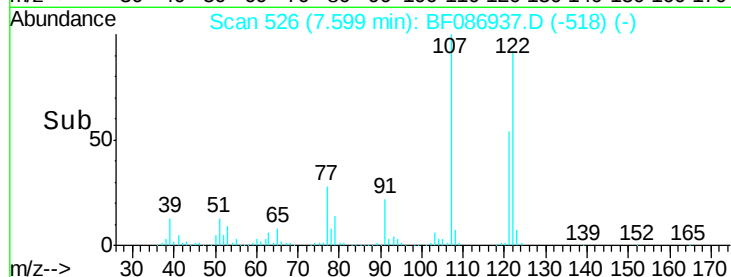
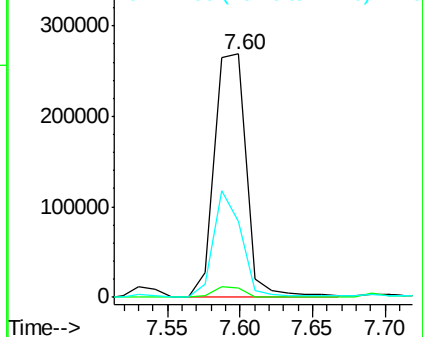
77 31.3 60.0 100.0#



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: 24.80 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:127 Resp: 319340

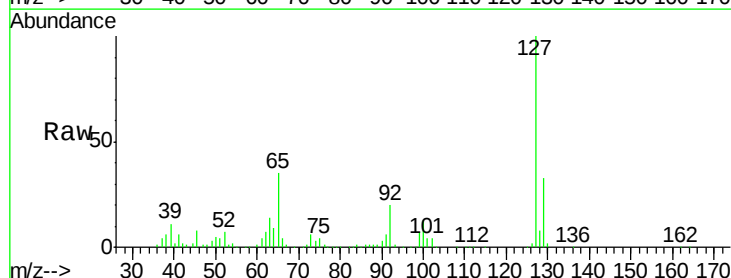
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 34.7 23.0 34.4#

92 20.1 15.1 22.7

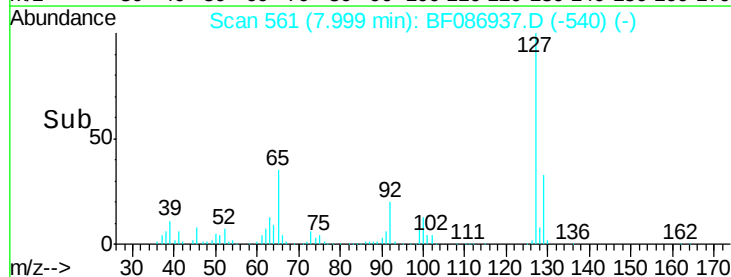
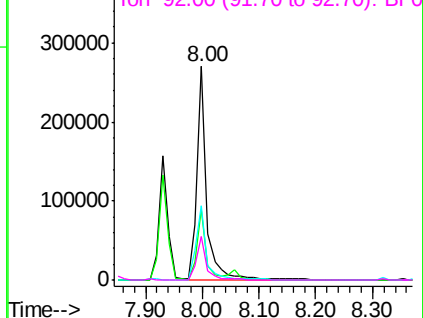


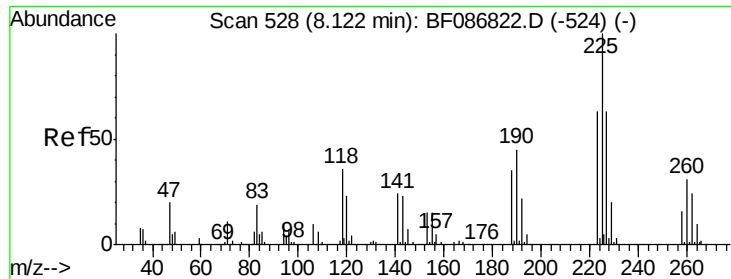
Abundance Ion 127.00 (126.70 to 127.70): E

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

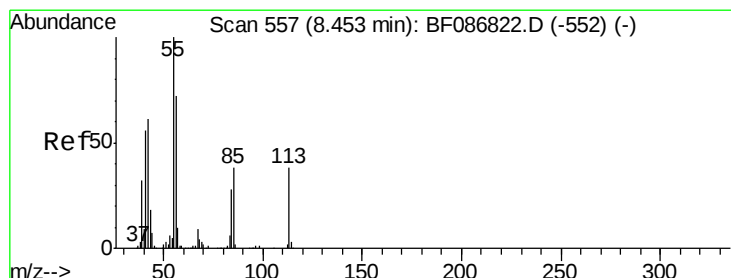
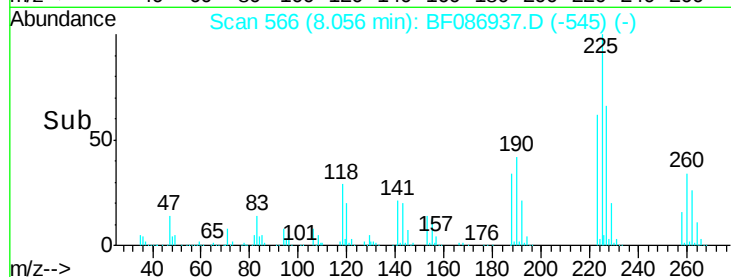
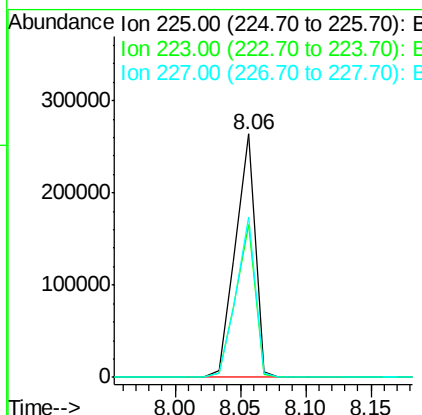
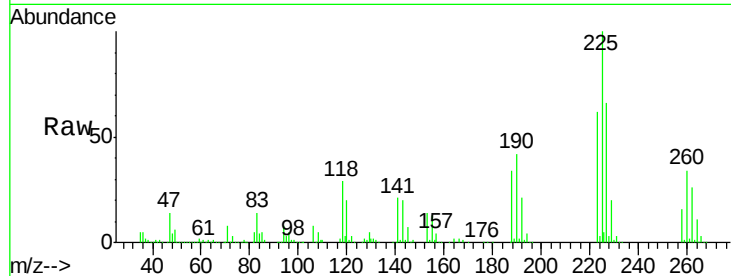




#34
Hexachlorobutadiene
Concen: 47.85 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

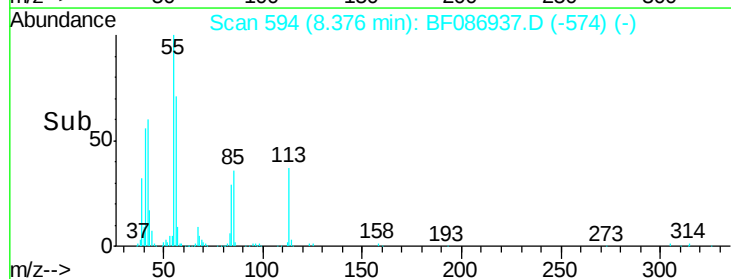
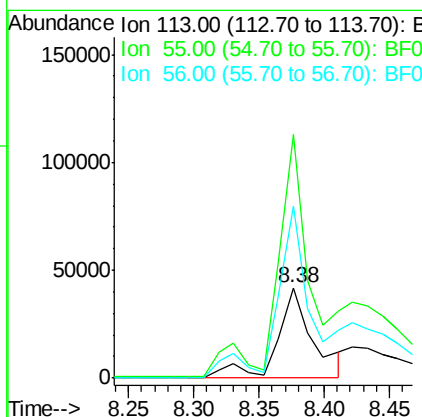
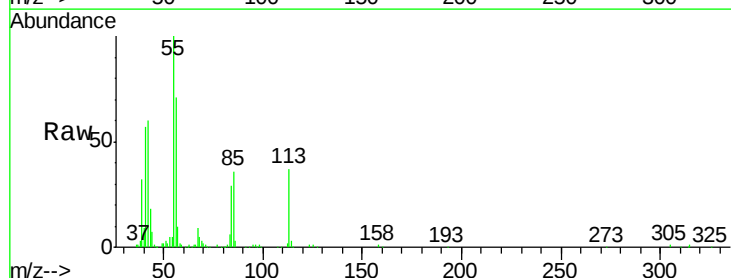
Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

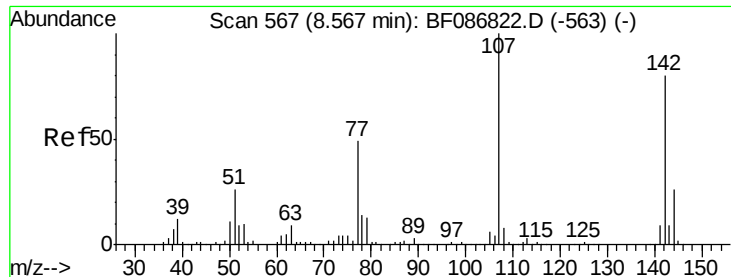
Tgt Ion: 225 Resp: 277338
Ion Ratio Lower Upper
225 100
223 62.5 51.5 77.3
227 66.1 52.2 78.2



#35
Caprolactam
Concen: 26.50 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion: 113 Resp: 80572
Ion Ratio Lower Upper
113 100
55 269.8 162.0 202.0#
56 190.5 115.3 155.3#

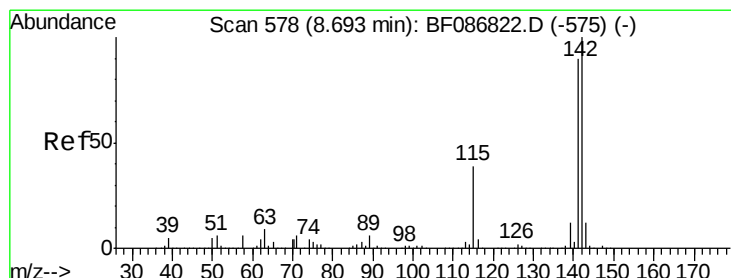
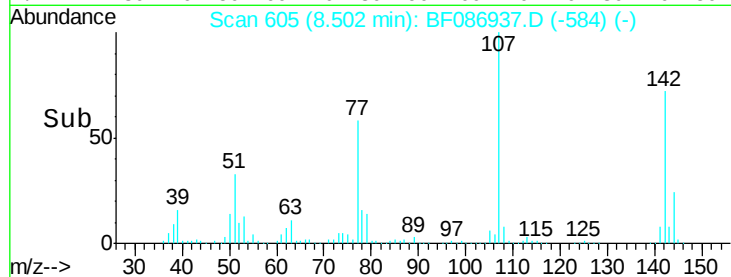
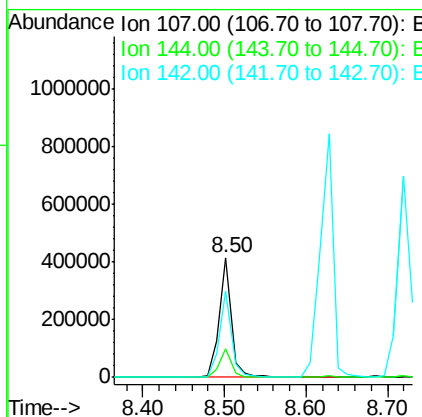
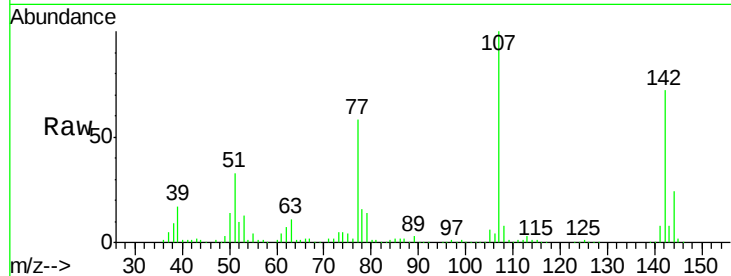




#36
 4-Chloro-3-methylphenol
 Concen: 40.46 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

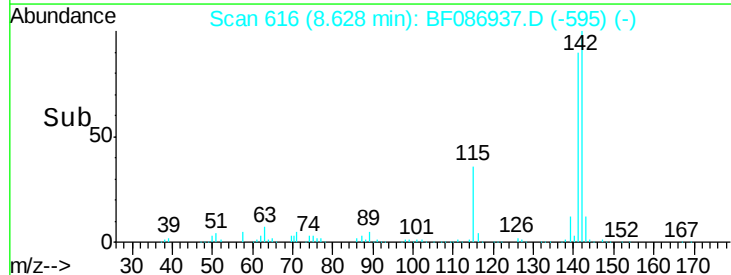
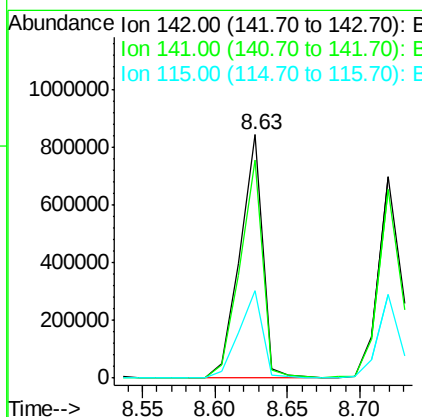
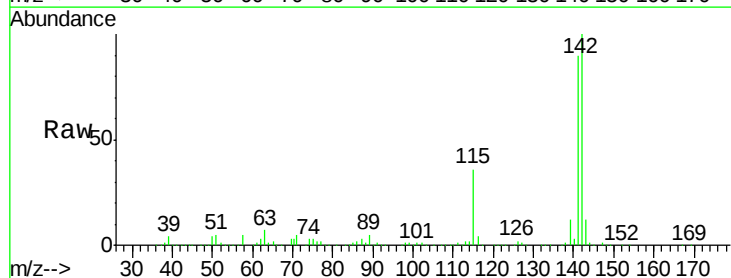
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

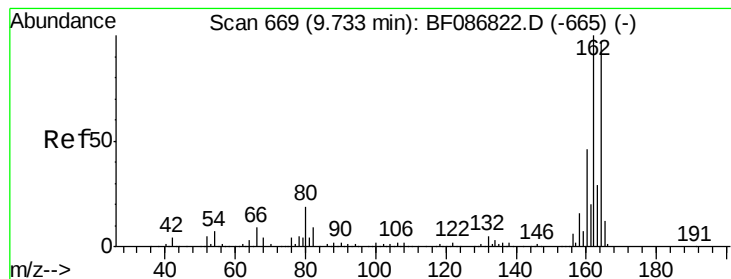
Tgt Ion:107 Resp: 438409
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.7 31.1
 142 71.8 63.2 94.8



#37
 2-Methylnaphthalene
 Concen: 47.73 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:142 Resp: 924911
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 35.7 26.6 39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

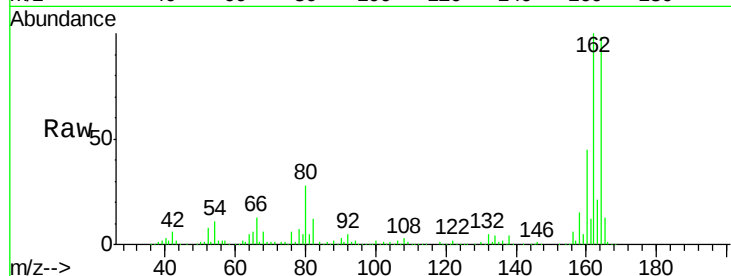
Tgt Ion:164 Resp: 319806

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

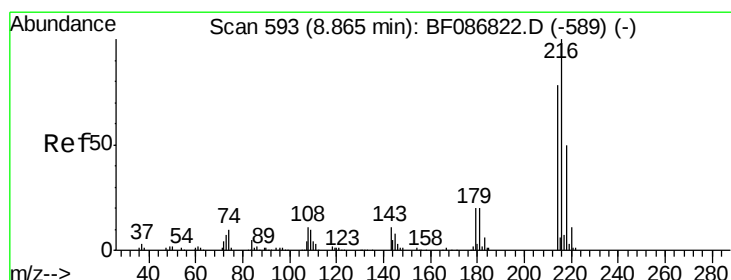
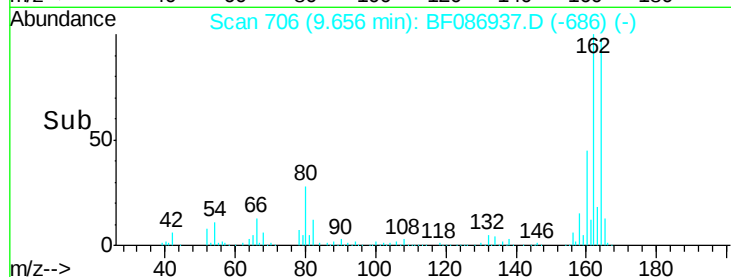
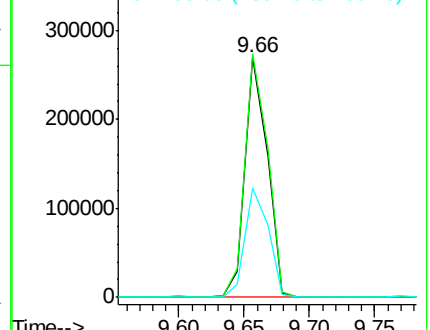
160 45.8 36.9 55.3



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: 43.72 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Tgt Ion:216 Resp: 406552

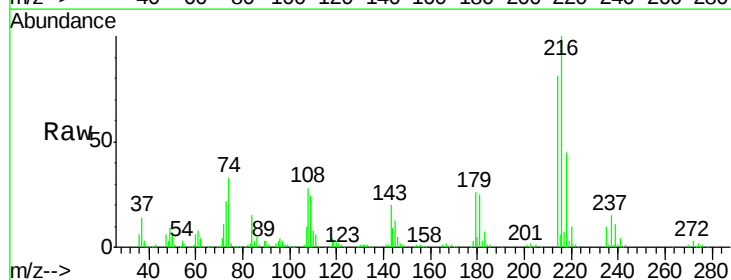
Ion Ratio Lower Upper

216 100

214 77.7 62.6 93.8

179 22.8 18.2 27.4

108 24.5 17.5 26.3

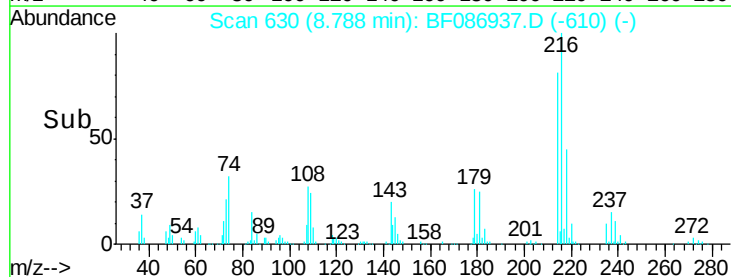
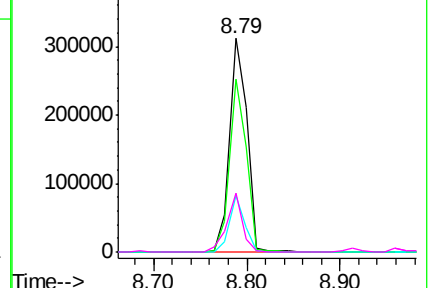


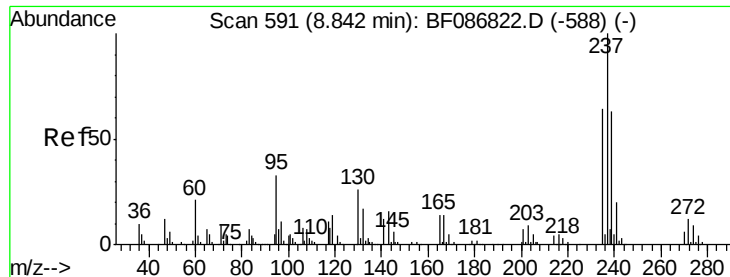
Abundance Ion 216.00 (215.70 to 216.70): E

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

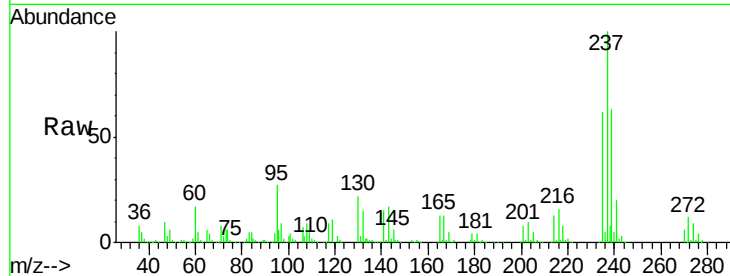




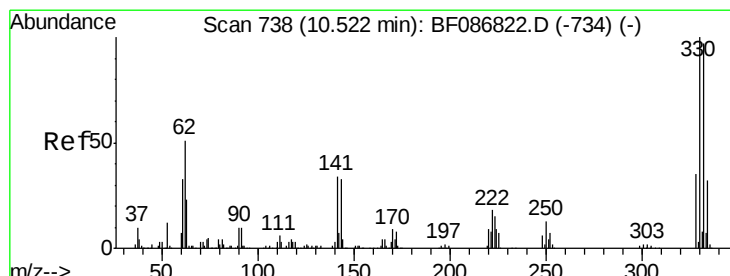
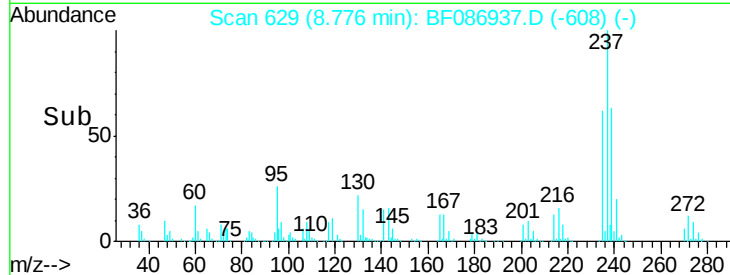
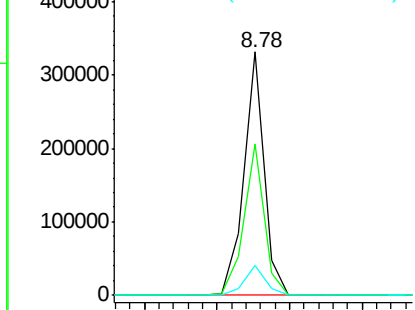
#40
Hexachlorocyclopentadiene
Concen: 72.64 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion: 237 Resp: 320583
Ion Ratio Lower Upper
237 100
235 62.5 47.2 87.2
272 12.3 0.0 31.1

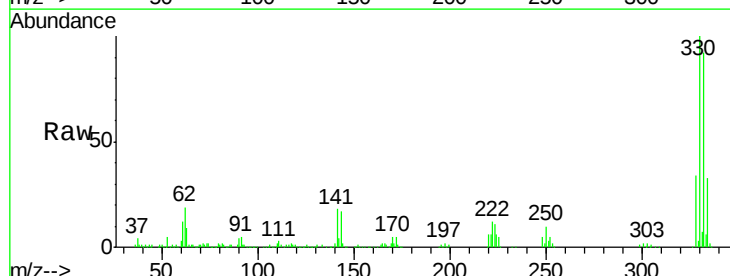


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

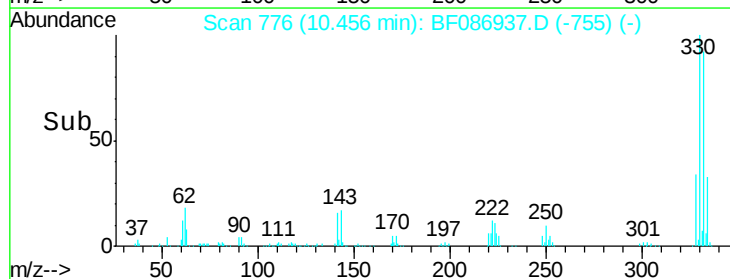
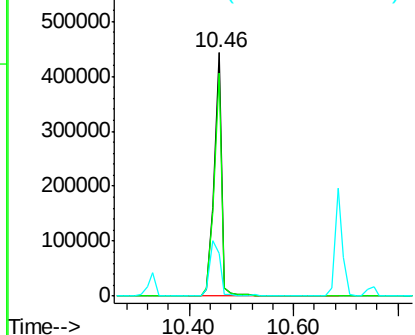


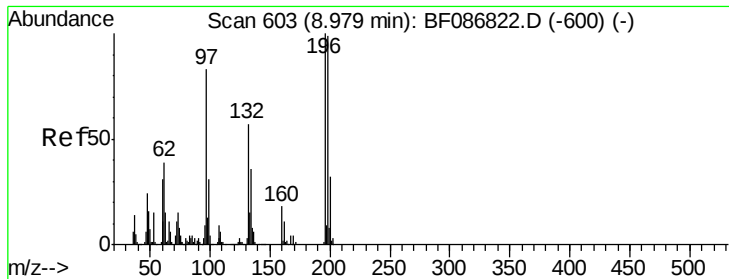
#41
2,4,6-Tribromophenol
Concen: 133.52 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion: 330 Resp: 452064
Ion Ratio Lower Upper
330 100
332 91.8 79.0 118.4
141 30.0 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

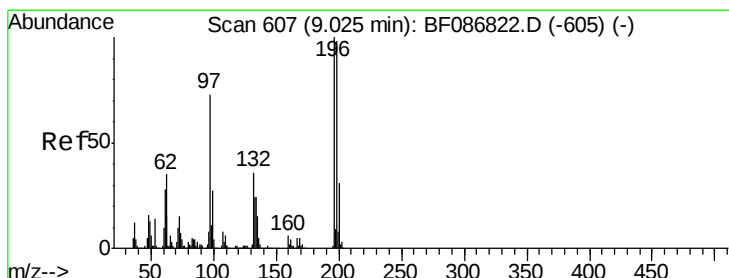
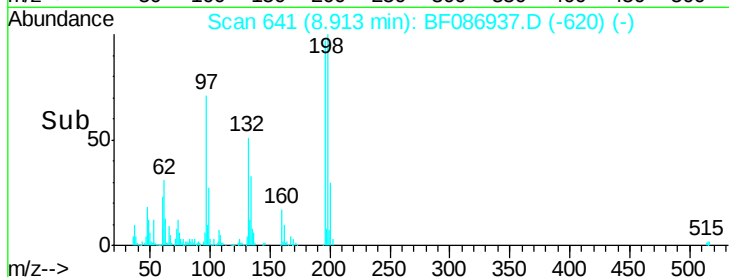
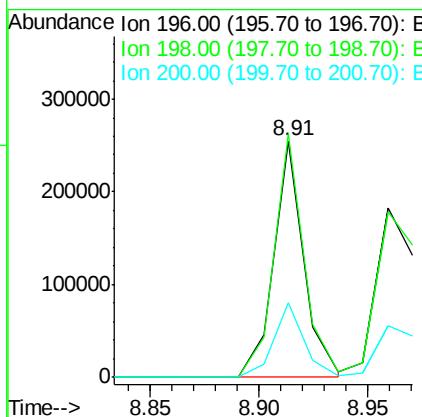
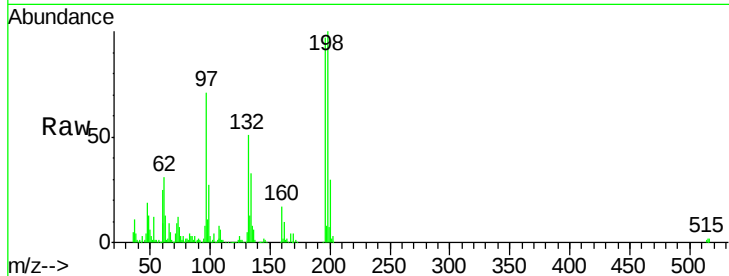




#42
 2,4,6-Trichlorophenol
 Concen: 39.76 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

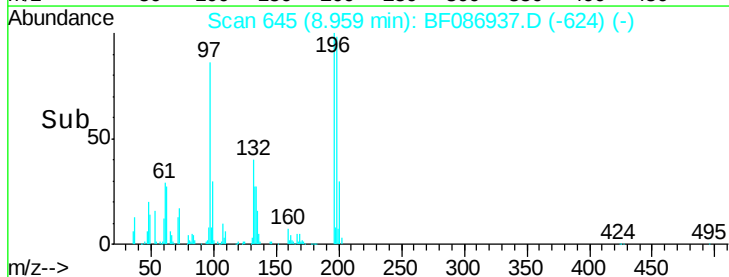
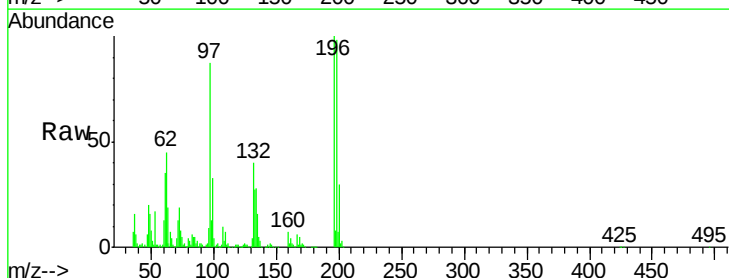
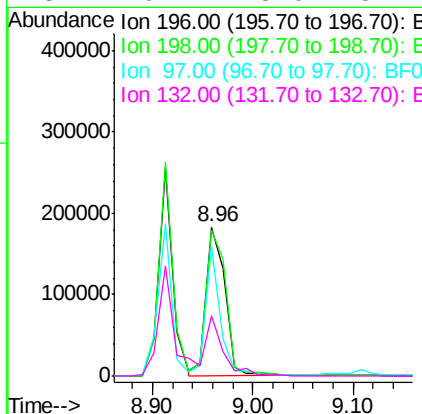
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

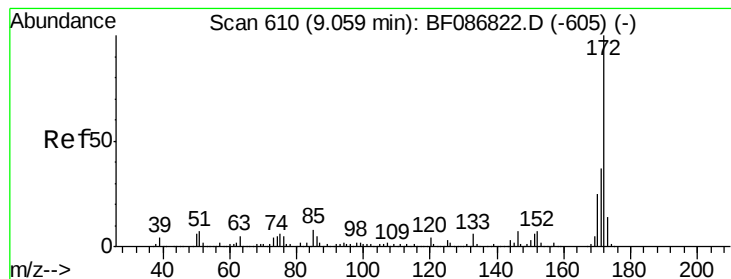
Tgt Ion:196 Resp: 247192
 Ion Ratio Lower Upper
 196 100
 198 103.2 74.7 112.1
 200 31.4 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 37.51 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:196 Resp: 241193
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.5 116.3
 97 86.6 34.8 52.2#
 132 40.4 23.0 34.4#

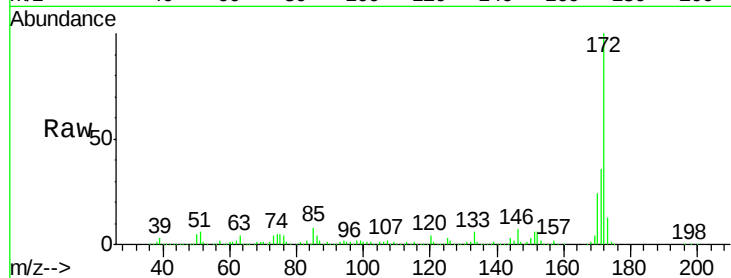




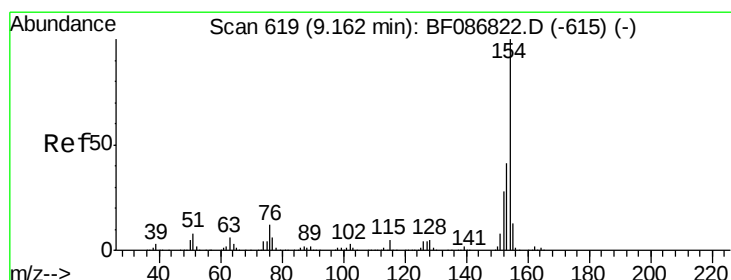
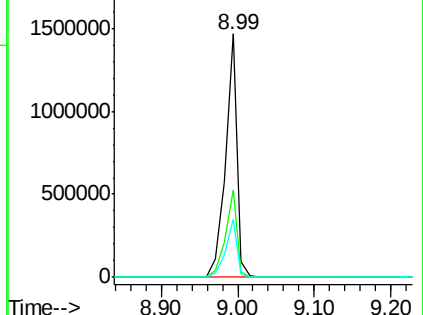
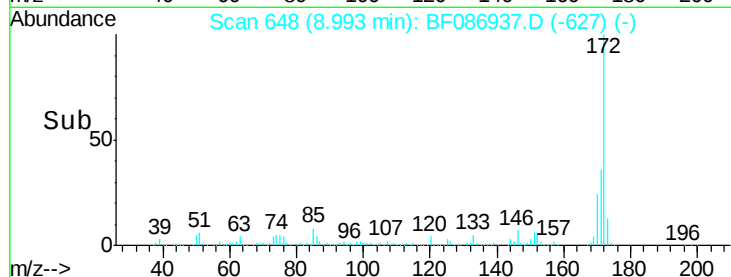
#44
 2-Fluorobiphenyl
 Concen: 81.63 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt Ion:172 Resp: 1553402
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.9 19.8 29.8

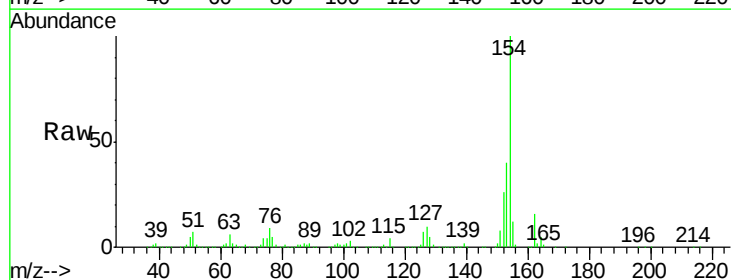


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

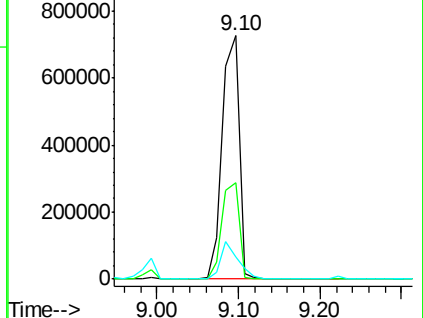
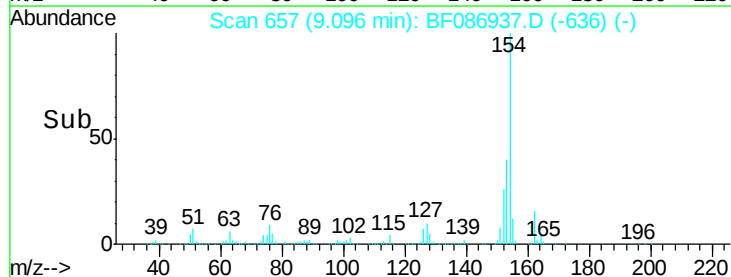


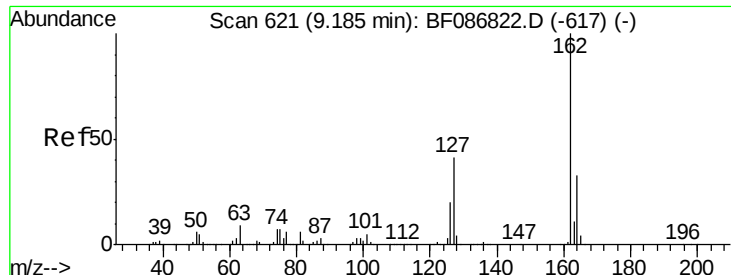
#45
 1,1'-Biphenyl
 Concen: 41.02 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:154 Resp: 1043527
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.3 60.3
 76 8.9 0.0 30.2



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

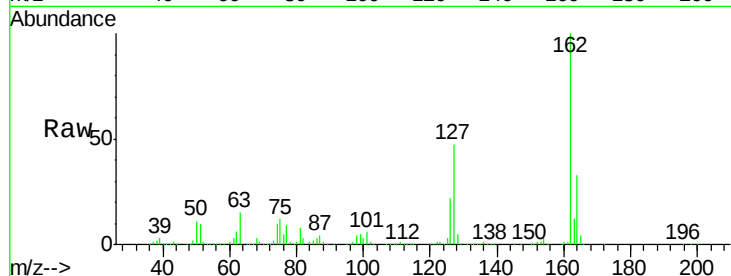




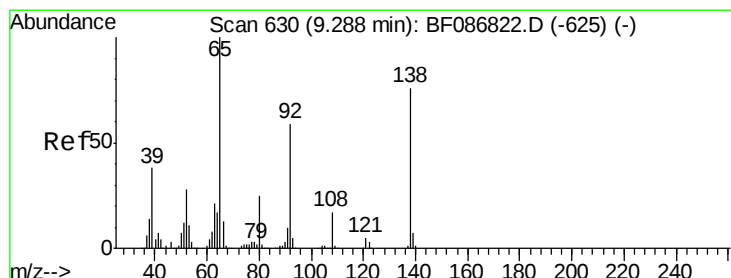
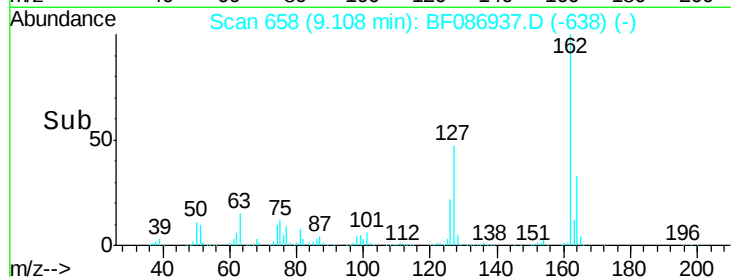
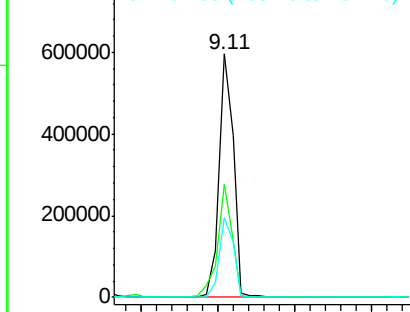
#46
2-Chloronaphthalene
Concen: 39.12 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.7	31.8	47.6
164	32.6	27.0	40.6

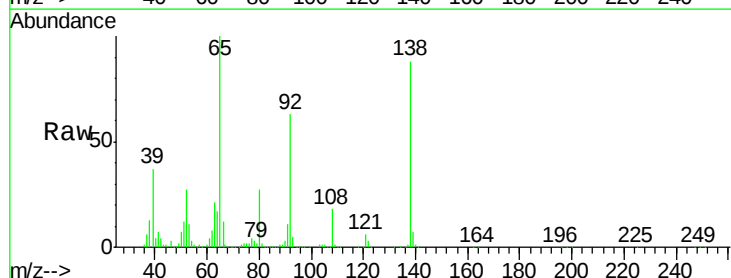


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

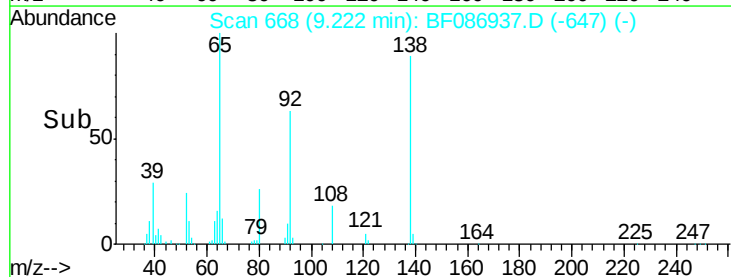
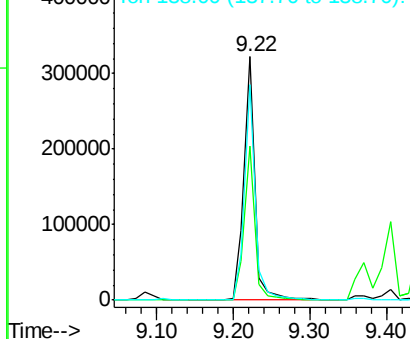


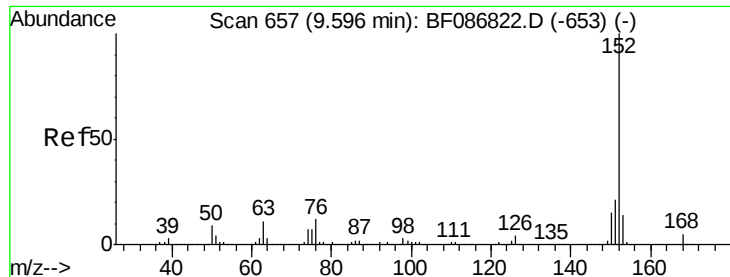
#47
2-Nitroaniline
Concen: 45.26 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	57.4	86.2
138	88.5	90.1	135.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.73 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

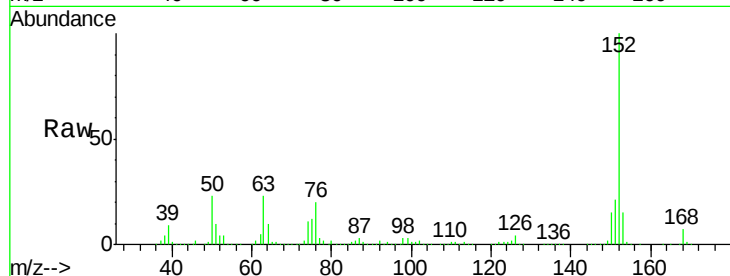
Tgt Ion:152 Resp: 1164756

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

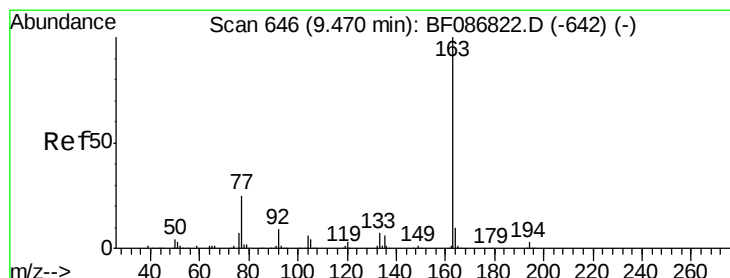
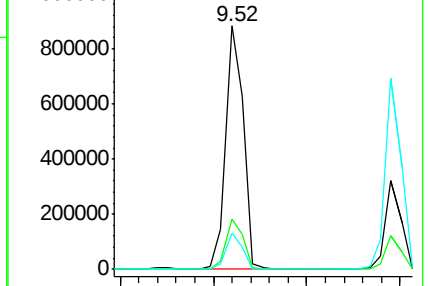
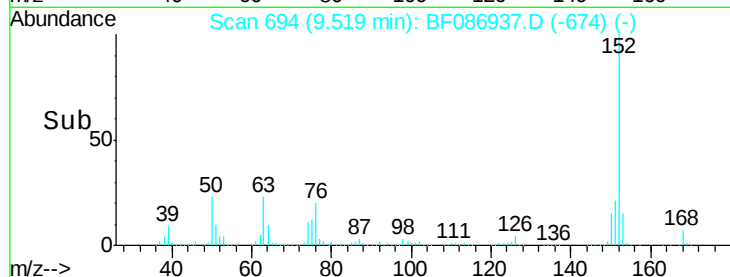
153 14.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.51 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

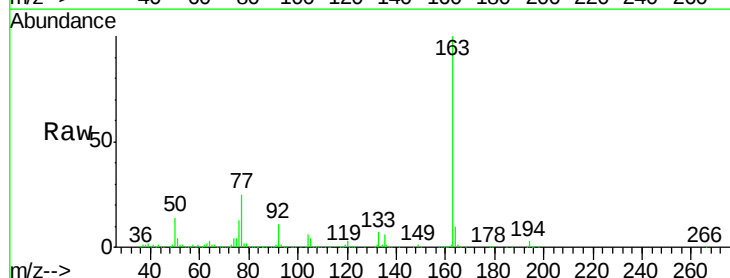
Tgt Ion:163 Resp: 1061602

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

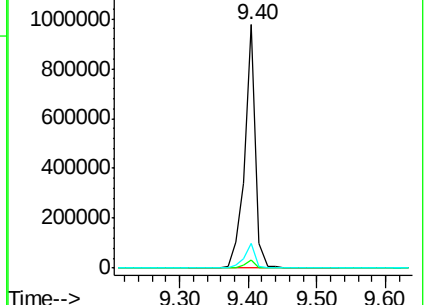
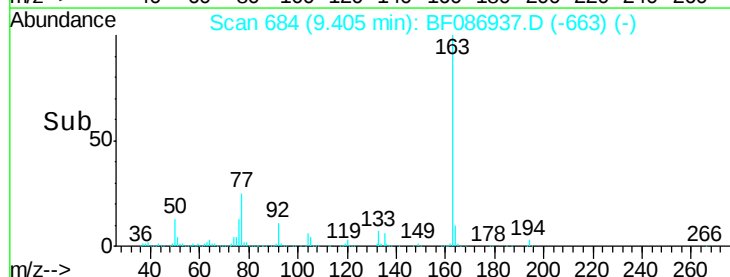
164 10.3 8.2 12.4

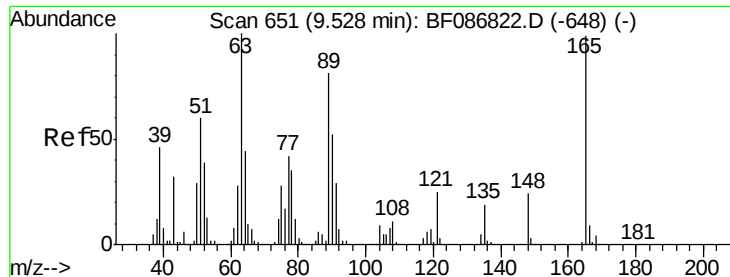


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 37.23 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

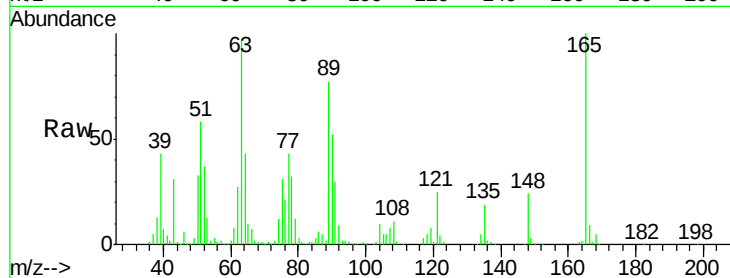
Tgt Ion:165 Resp: 191168

Ion Ratio Lower Upper

165 100

63 96.5 51.8 77.8#

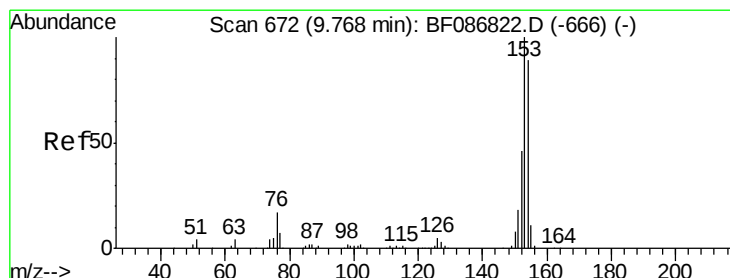
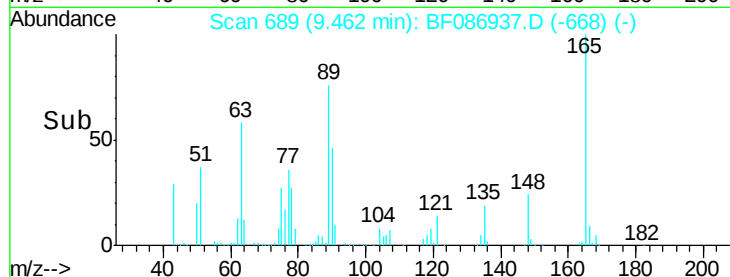
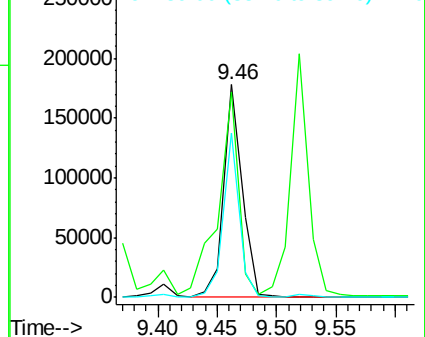
89 77.4 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 39.20 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

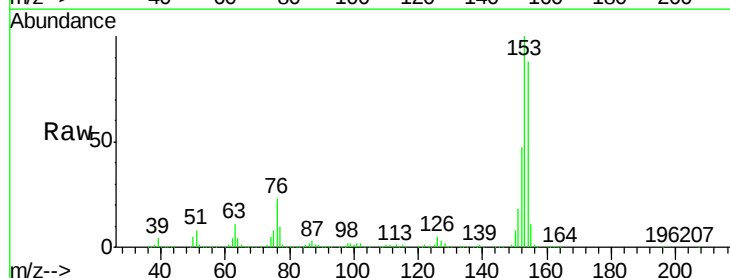
Tgt Ion:154 Resp: 714777

Ion Ratio Lower Upper

154 100

153 114.1 89.8 134.6

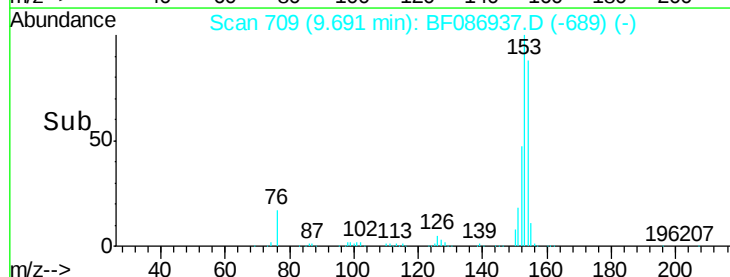
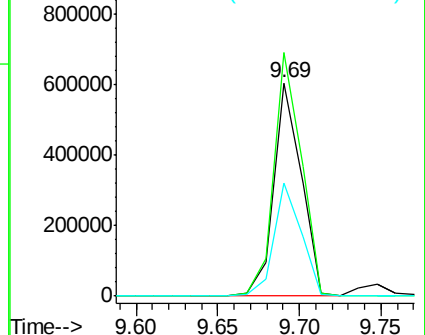
152 53.2 43.4 65.0

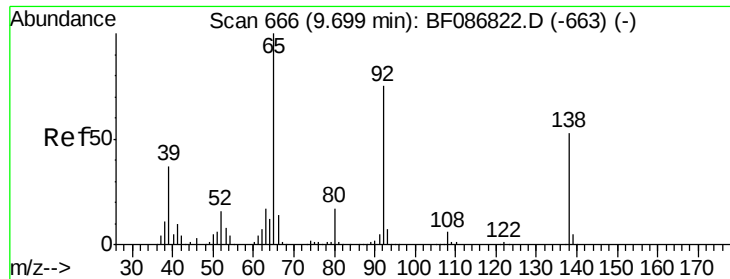


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 30.58 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

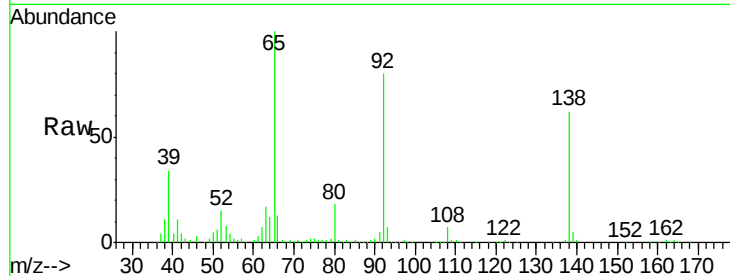
Tgt Ion:138 Resp: 165319

Ion Ratio Lower Upper

138 100

108 11.4 7.8 11.6

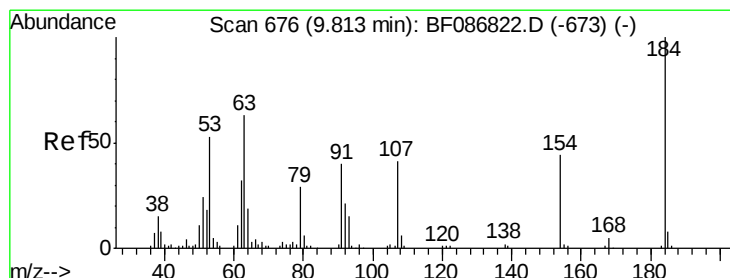
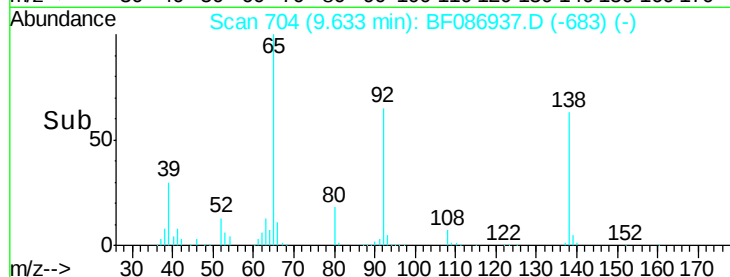
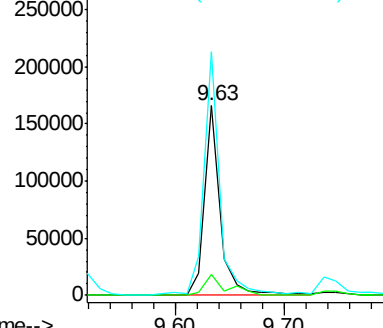
92 128.5 87.8 131.8



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: 36.13 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

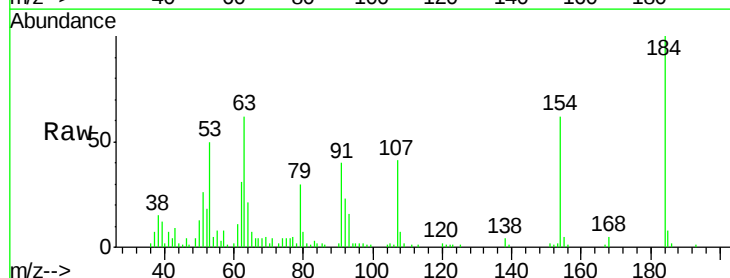
Tgt Ion:184 Resp: 82557

Ion Ratio Lower Upper

184 100

63 62.1 55.8 83.8

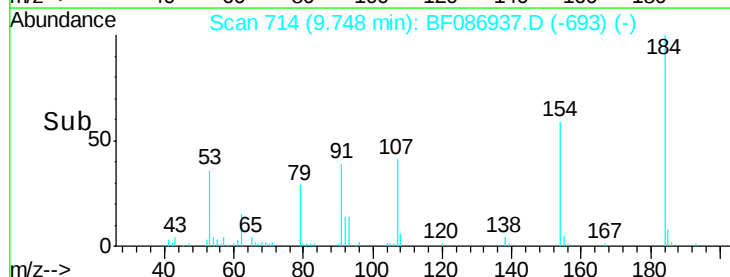
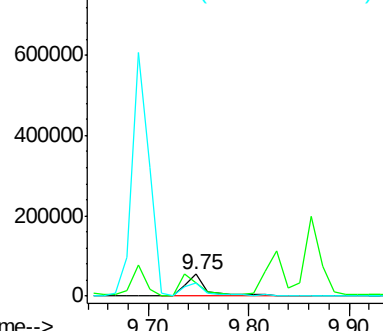
154 61.7 62.4 93.6#

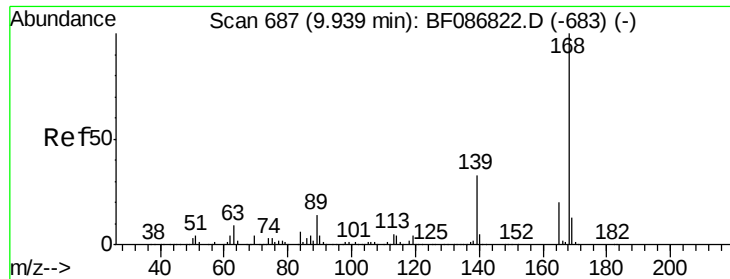


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

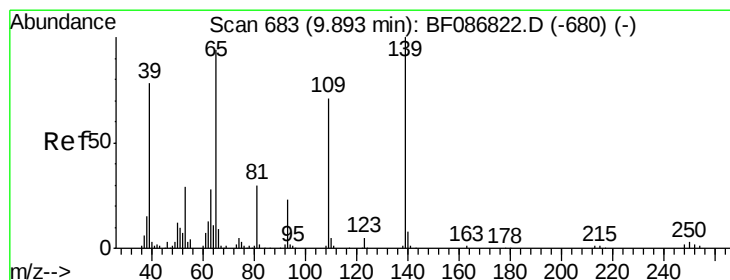
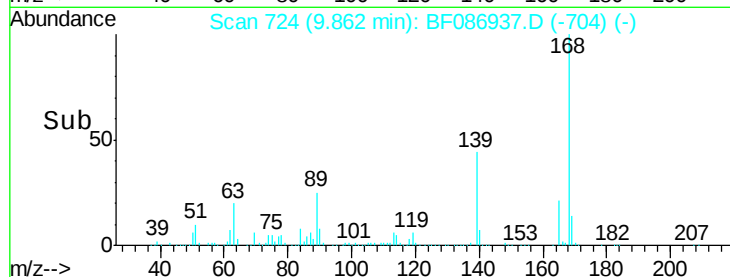
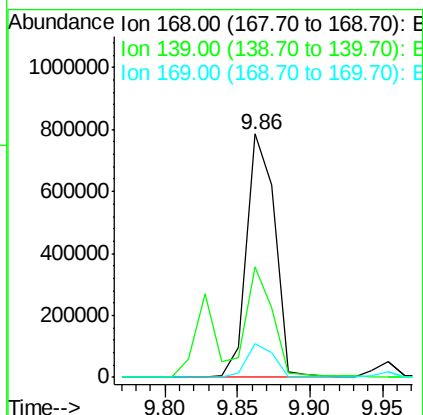
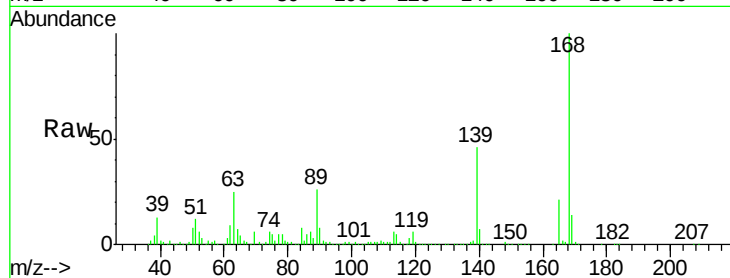




#54
Dibenzenofuran
Concen: 45.14 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

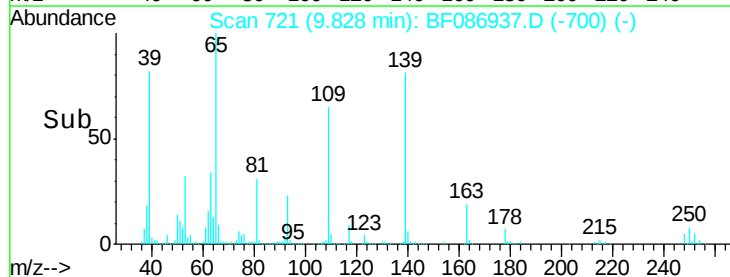
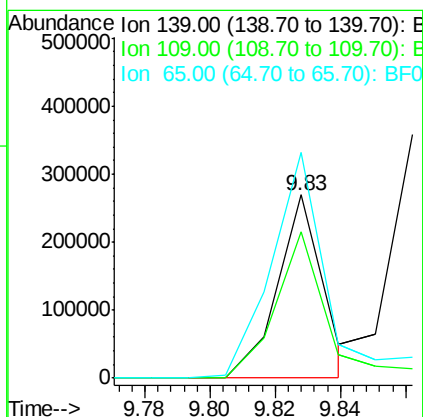
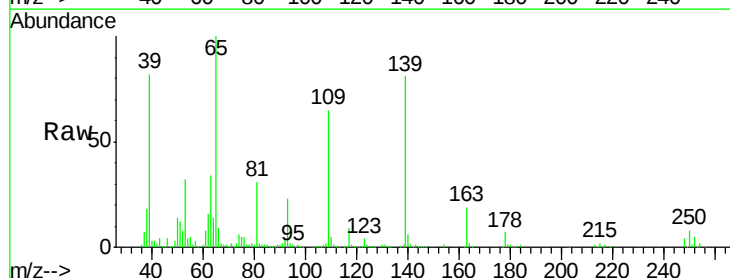
Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

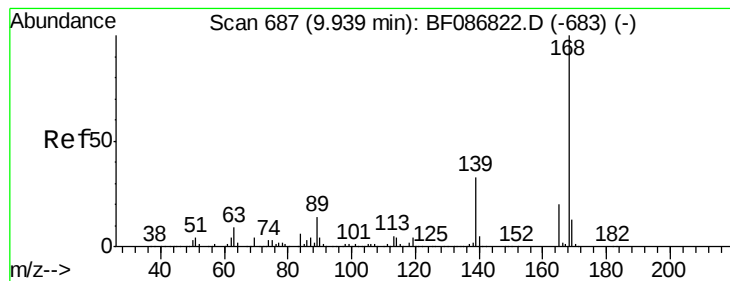
Tgt Ion:168 Resp: 1056506
Ion Ratio Lower Upper
168 100
139 45.6 31.4 47.0
169 13.8 10.7 16.1



#55
4-Nitrophenol
Concen: 72.74 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:139 Resp: 260607
Ion Ratio Lower Upper
139 100
109 80.1 36.9 76.9#
65 123.4 64.0 104.0#

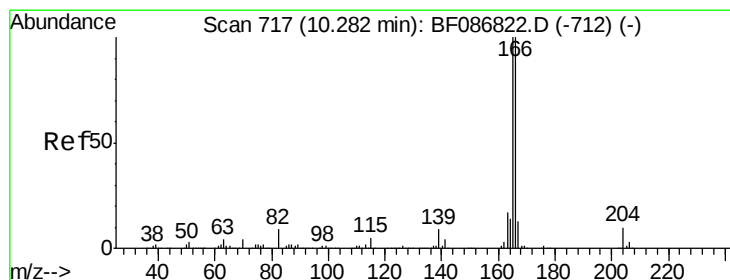
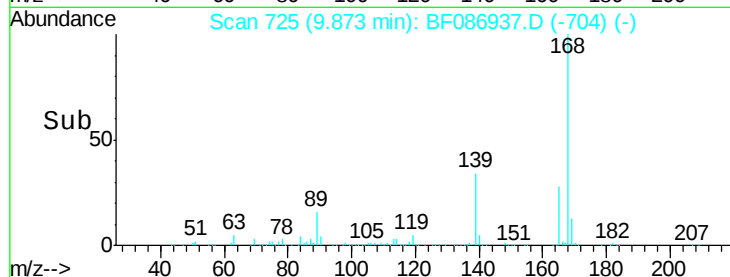
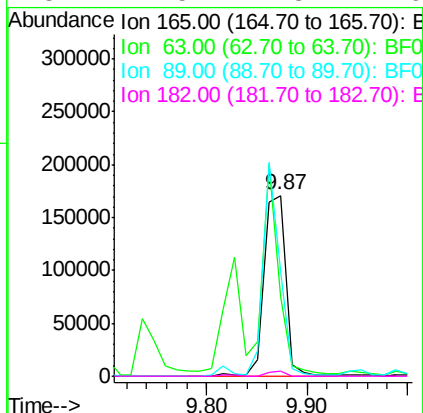
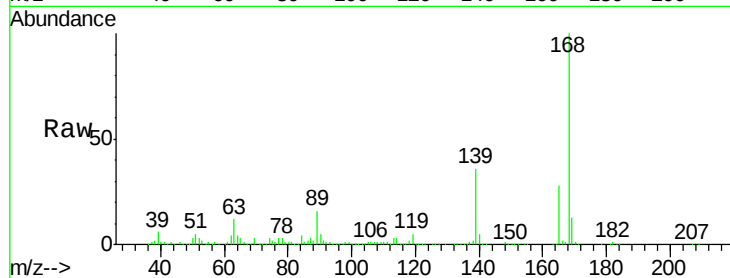




#56
 2,4-Dinitrotoluene
 Concen: 40.24 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

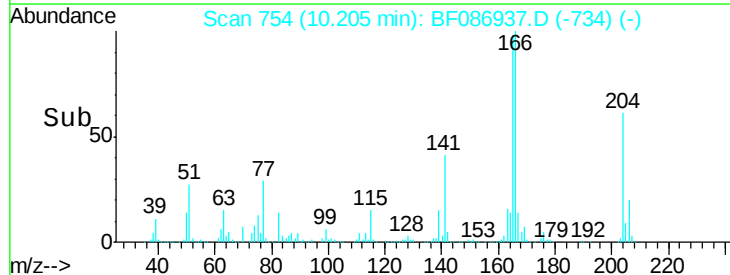
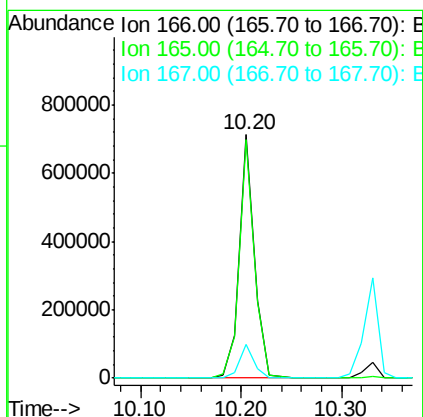
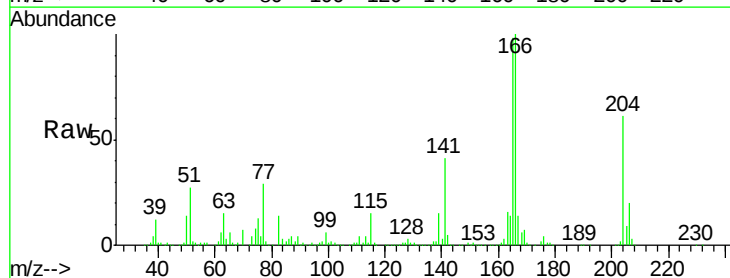
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

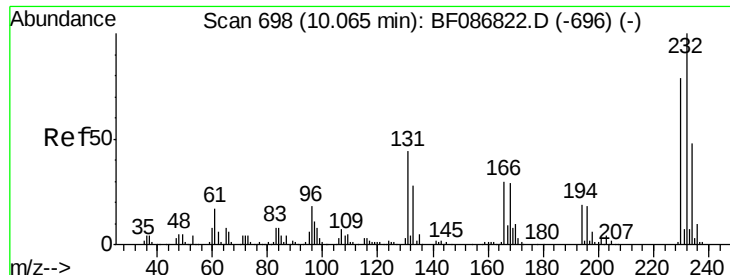
Tgt Ion:	165	Resp:	255705
Ion	Ratio	Lower	Upper
165	100		
63	44.1	44.3	66.5#
89	58.0	70.0	105.0#
182	2.5	1.8	2.6



#57
 Fluorene
 Concen: 37.54 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.08 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:	166	Resp:	749402
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.6
167	13.9	10.6	15.8

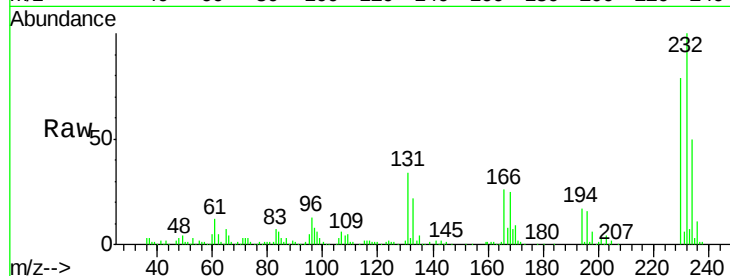




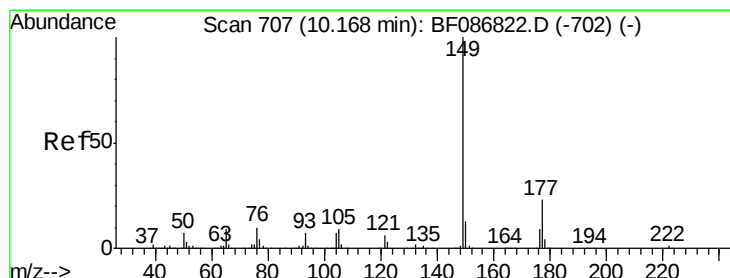
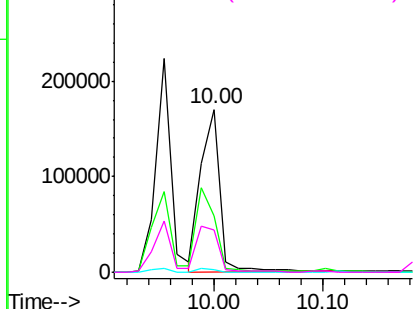
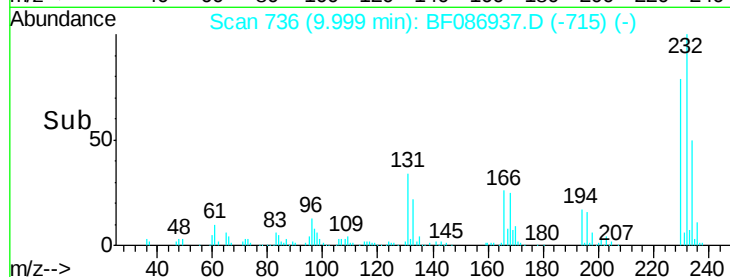
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.60 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

Tgt Ion: 232 Resp: 211053
 Ion Ratio Lower Upper
 232 100
 131 53.0 41.9 62.9
 130 2.8 2.2 3.4
 166 31.6 26.8 40.2

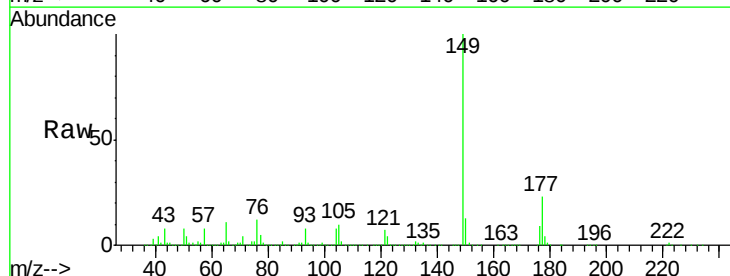


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

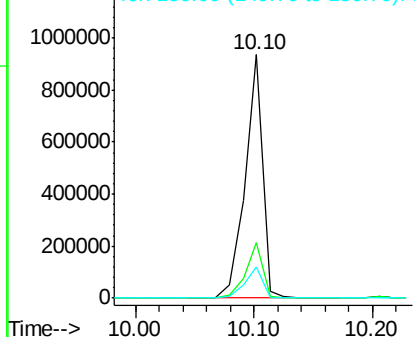
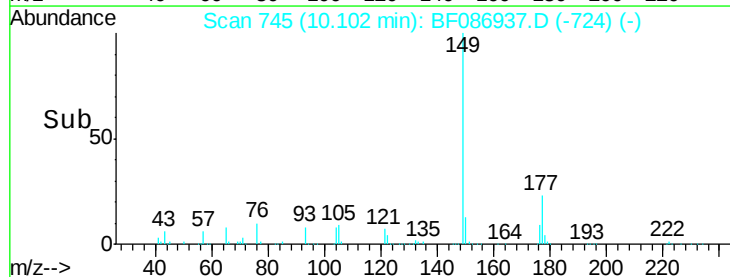


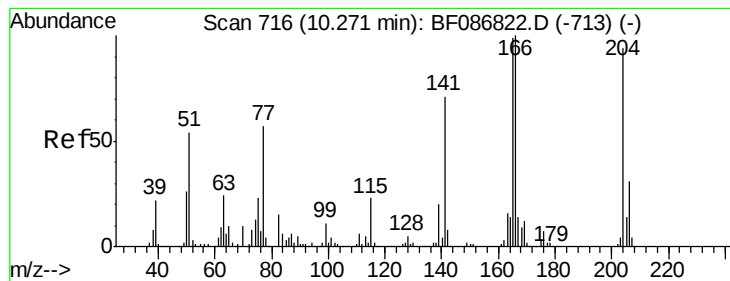
#59
 Diethylphthalate
 Concen: 40.55 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion: 149 Resp: 964092
 Ion Ratio Lower Upper
 149 100
 177 22.9 16.6 24.8
 150 12.8 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: 43.92 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

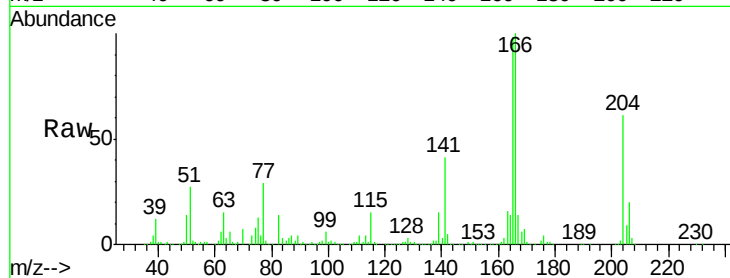
Tgt Ion:204 Resp: 383757

Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.0

141 67.0 61.6 92.4

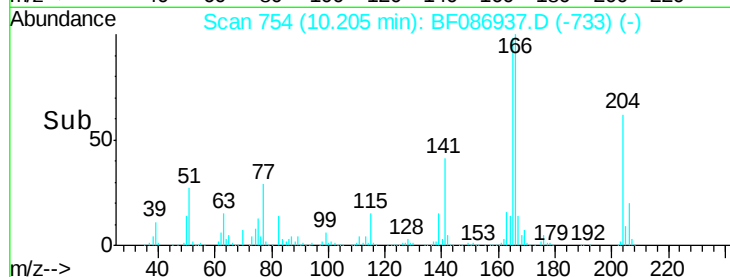


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



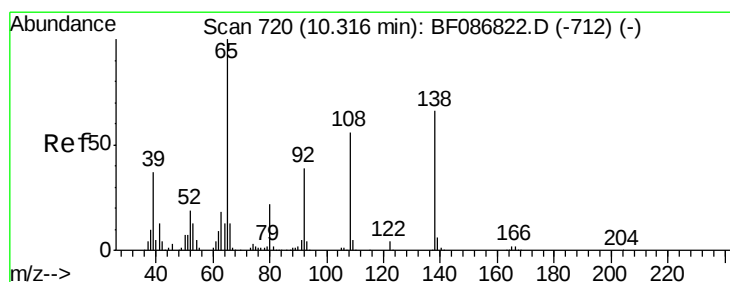
Abundance

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

Time-->



#61

4-Nitroaniline

Concen: 38.73 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

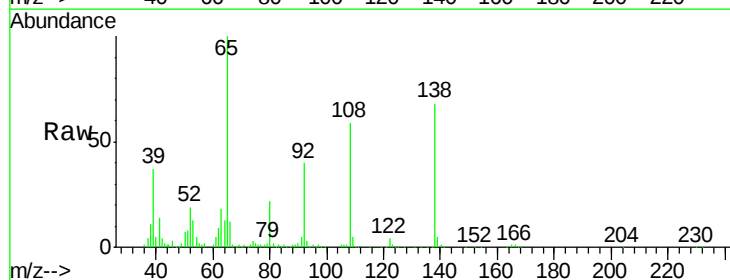
Tgt Ion:138 Resp: 201065

Ion Ratio Lower Upper

138 100

92 59.1 24.7 64.7

108 86.9 37.4 77.4#

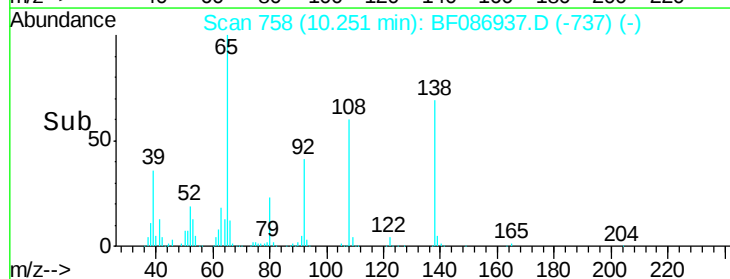


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



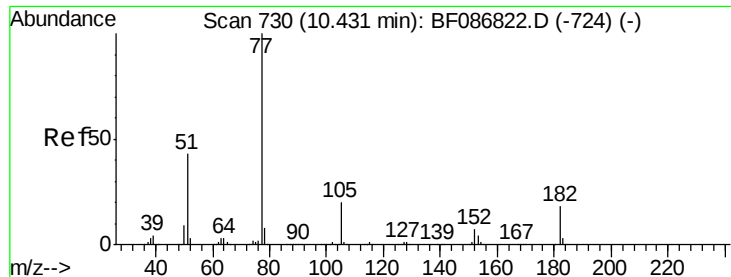
Abundance

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

Time-->



#62

Azobenzene

Concen: 45.19 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

Tgt Ion: 77 Resp: 1159187

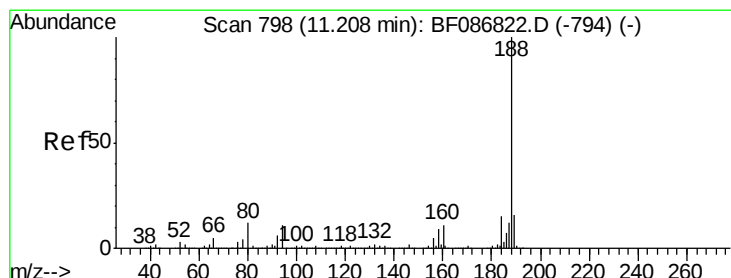
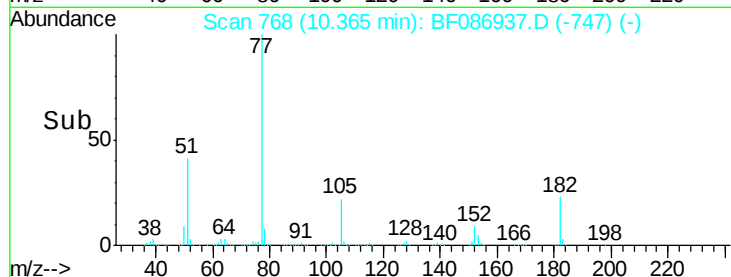
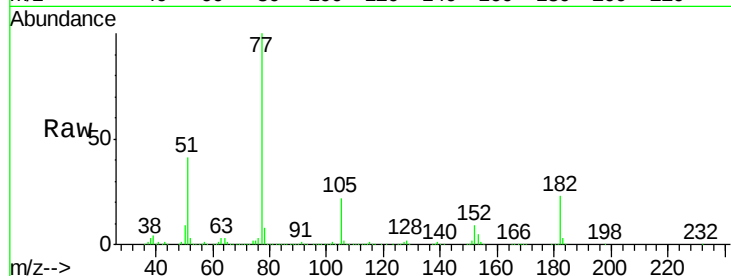
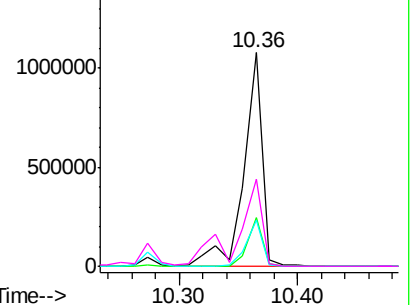
Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	38.8
105	21.9	3.2	43.2
51	40.7	8.8	48.8

Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

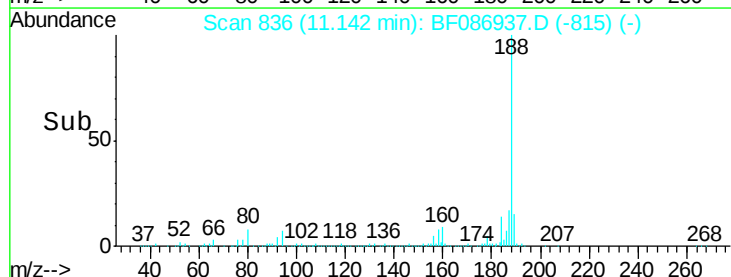
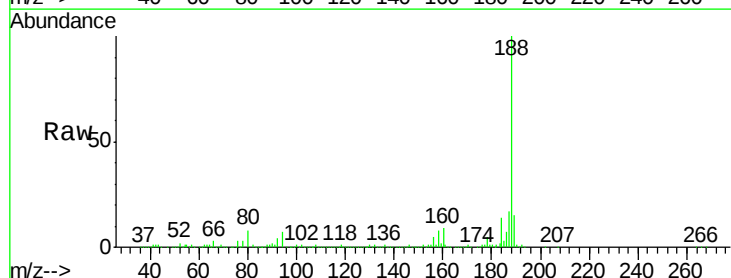
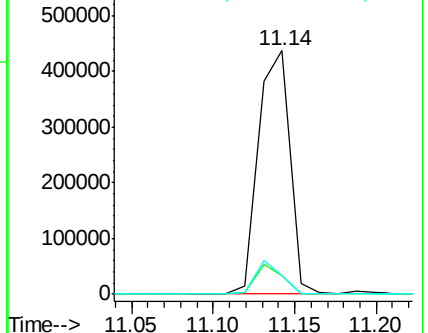
Tgt Ion: 188 Resp: 587890

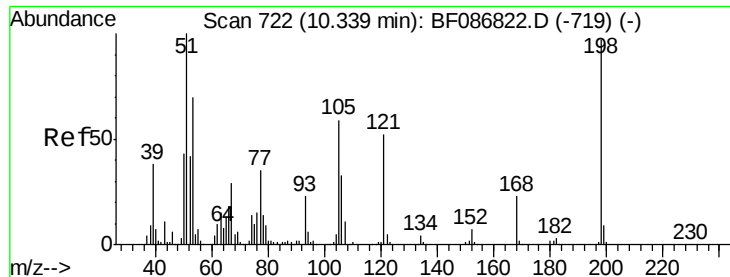
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.7	7.1	10.7

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

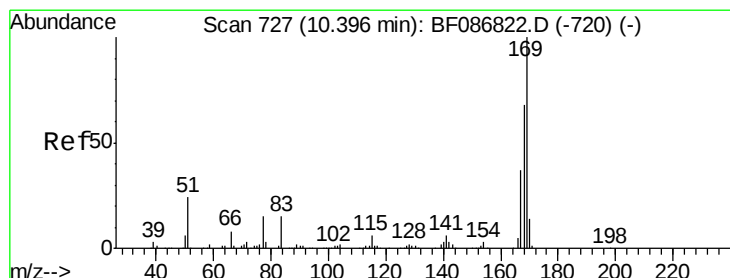
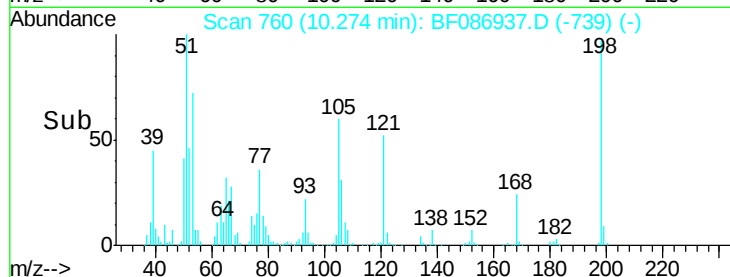
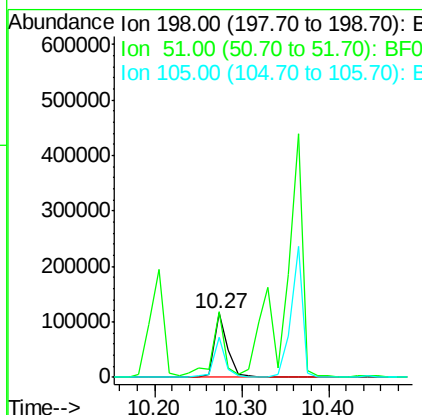
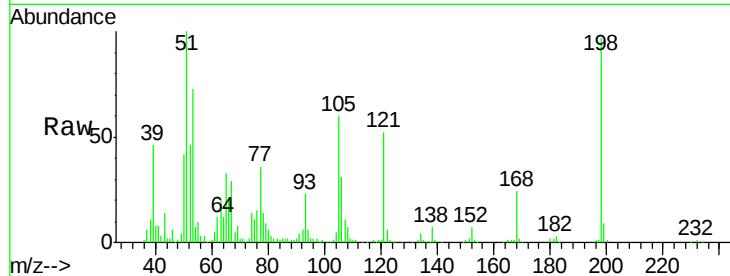




#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.72 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

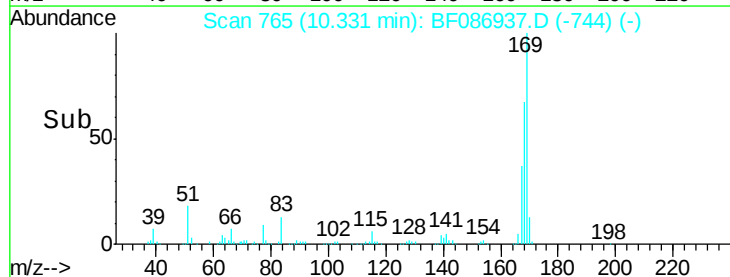
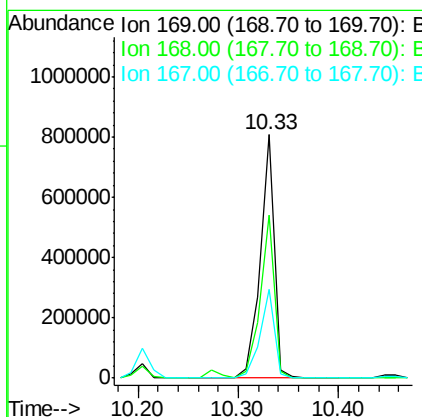
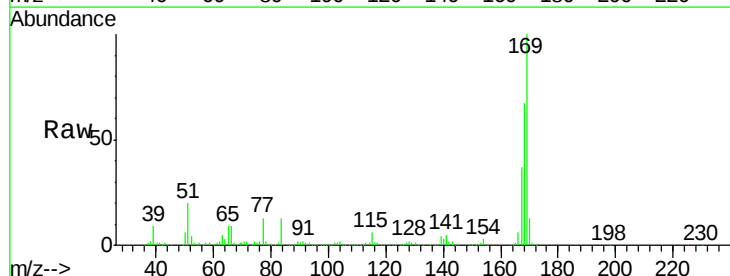
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

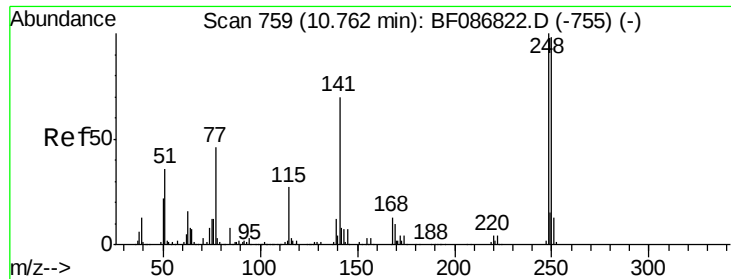
Tgt Ion:198 Resp: 126812
 Ion Ratio Lower Upper
 198 100
 51 103.4 20.5 60.5#
 105 61.9 24.5 64.5



#65
 n-Nitrosodiphenylamine
 Concen: 43.71 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:169 Resp: 789425
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 36.6 29.5 44.3

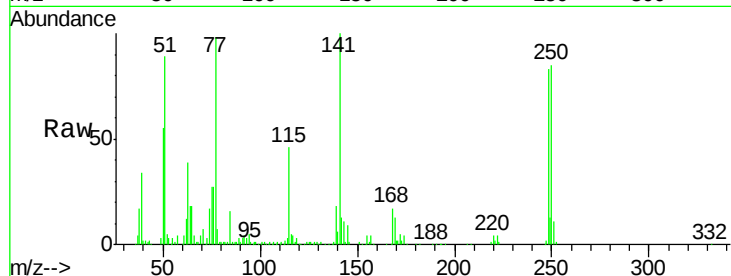




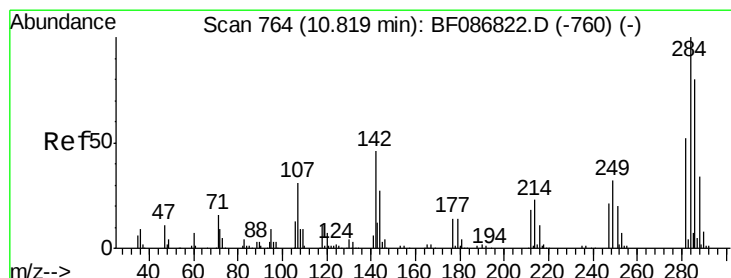
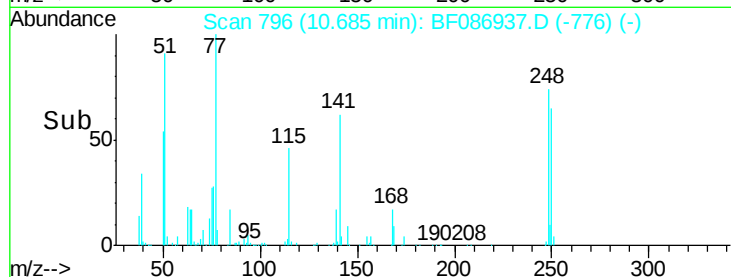
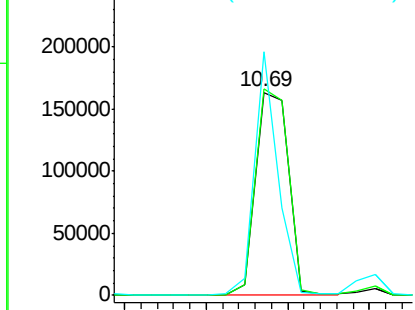
#66
4-Bromophenyl-phenylether
Concen: 38.54 ng
RT: 10.69 min Scan# 796
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion:248 Resp: 229712
Ion Ratio Lower Upper
248 100
250 101.8 78.6 117.8
141 120.1 76.0 114.0#

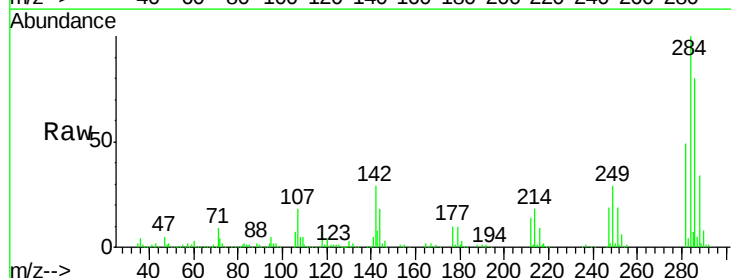


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

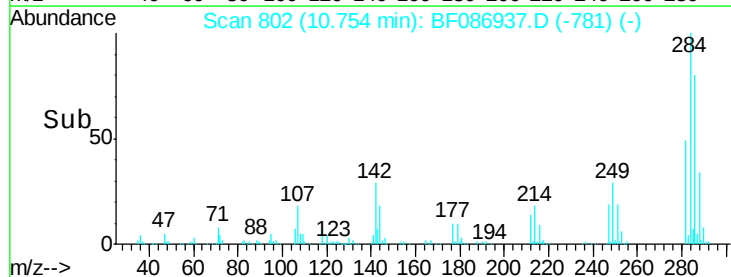
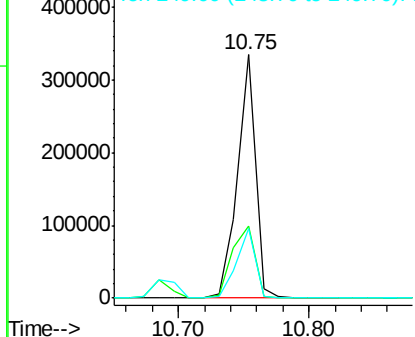


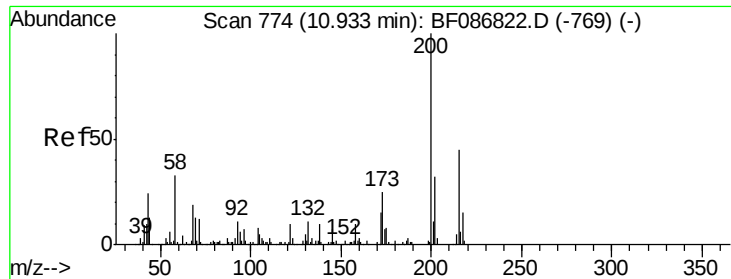
#67
Hexachlorobenzene
Concen: 45.65 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:284 Resp: 318026
Ion Ratio Lower Upper
284 100
142 29.4 16.7 25.1#
249 28.6 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

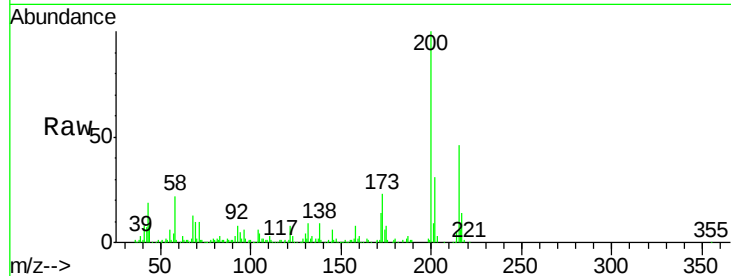




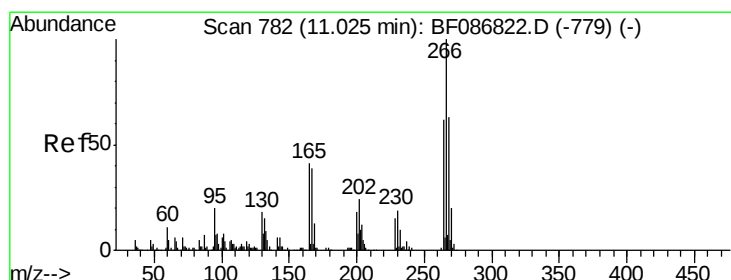
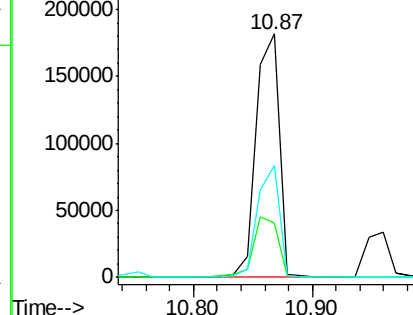
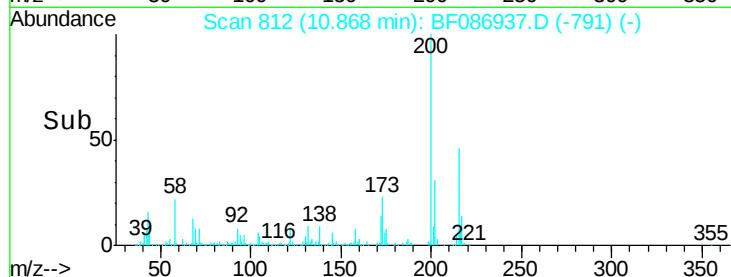
#68
Atrazine
Concen: 41.33 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	8.5	48.5
215	45.7	27.2	67.2

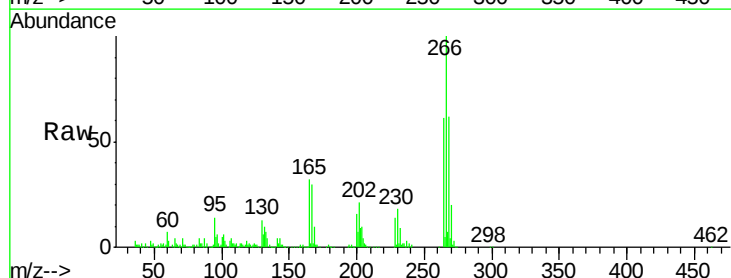


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

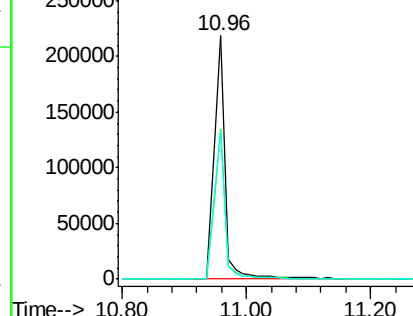
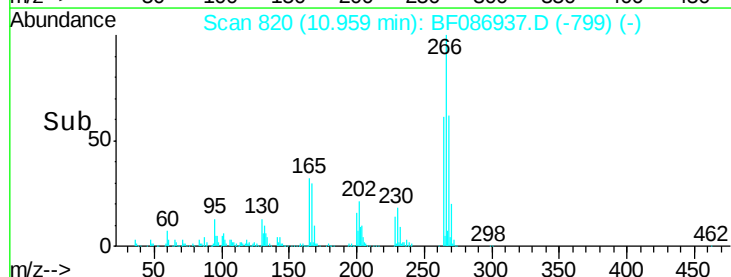


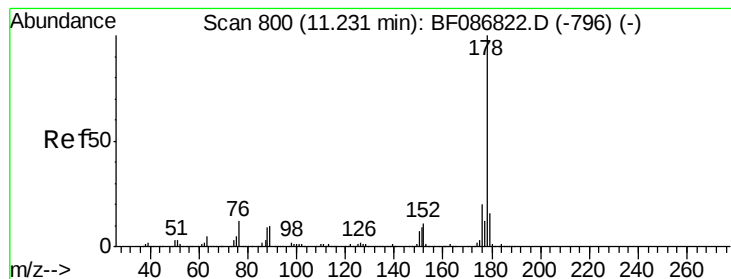
#69
Pentachlorophenol
Concen: 83.47 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.07 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.5	77.3
264	60.9	52.9	79.3



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





#70

Phenanthrene

Concen: 41.03 ng

RT: 11.17 min Scan# 838

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

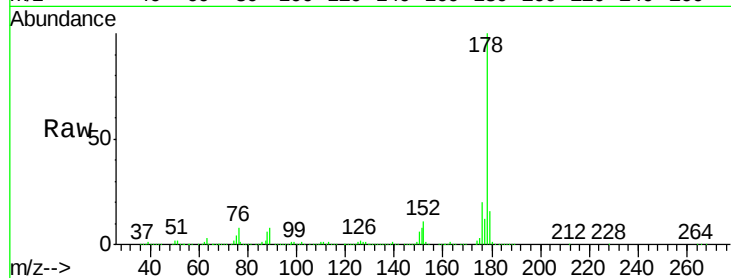
Tgt Ion:178 Resp: 1287361

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

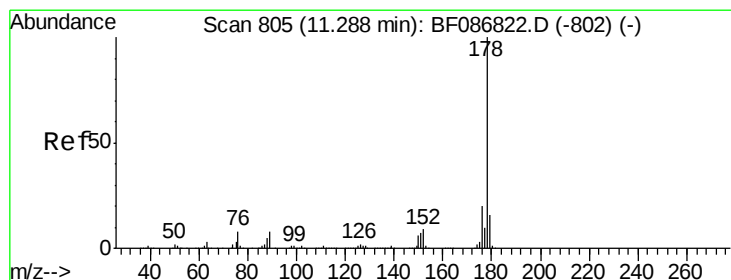
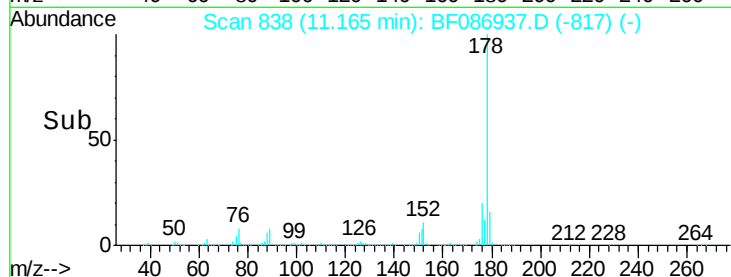
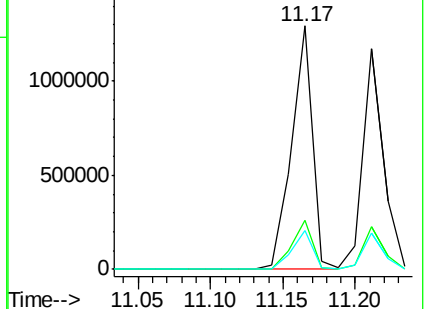
179 16.0 12.6 18.8



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: 36.29 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

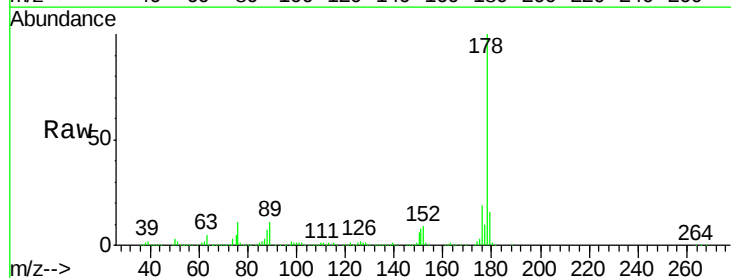
Tgt Ion:178 Resp: 1164339

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

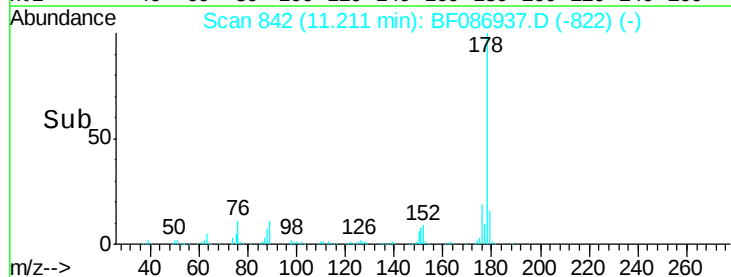
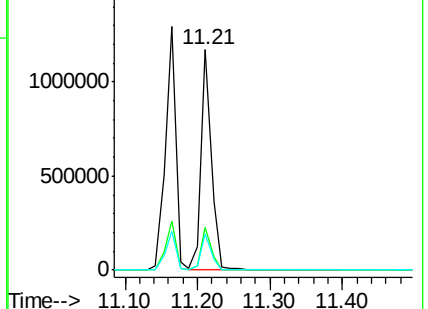
179 16.4 12.7 19.1

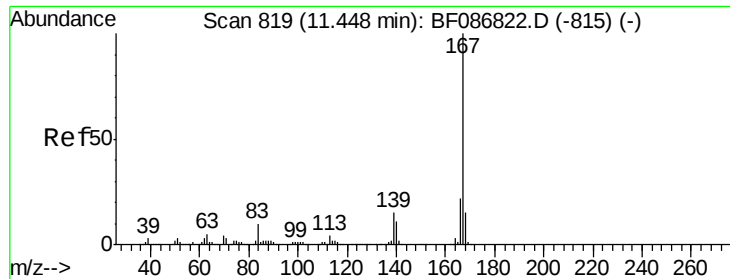


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.60 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

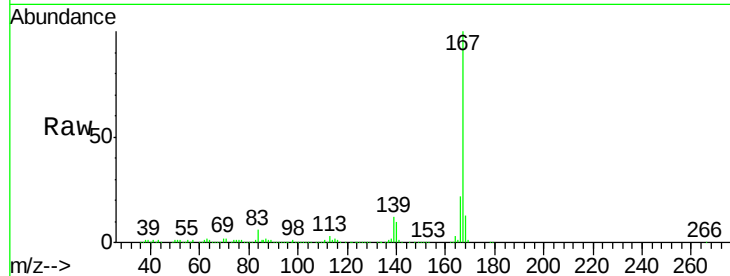
Tgt Ion:167 Resp: 1147484

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

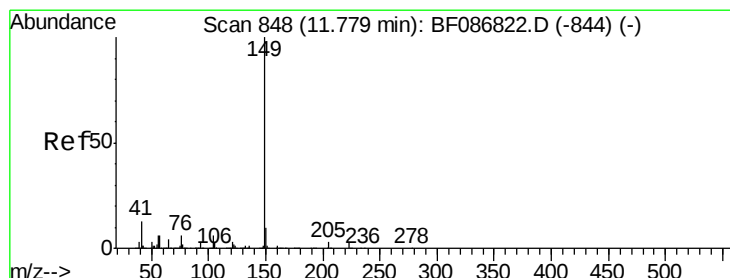
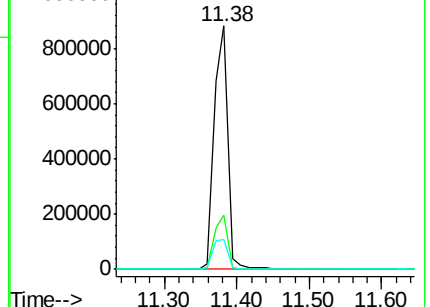
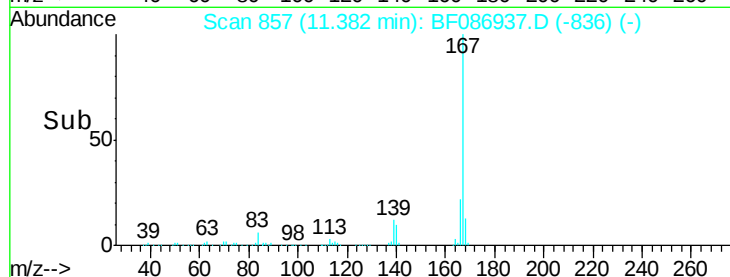
139 12.4 10.8 16.2



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: 40.85 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

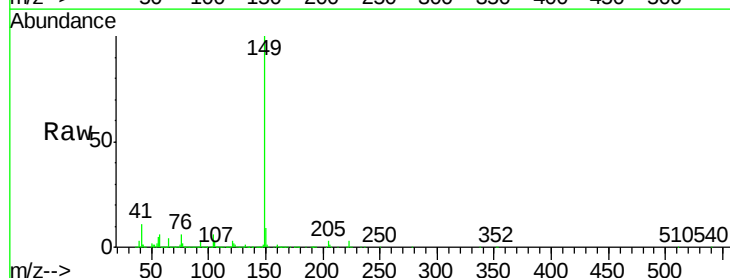
Tgt Ion:149 Resp: 1376034

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

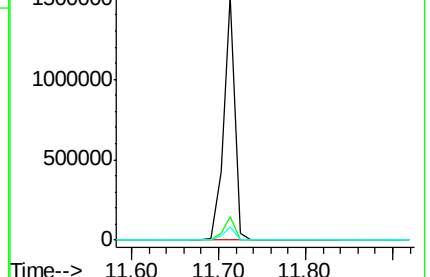
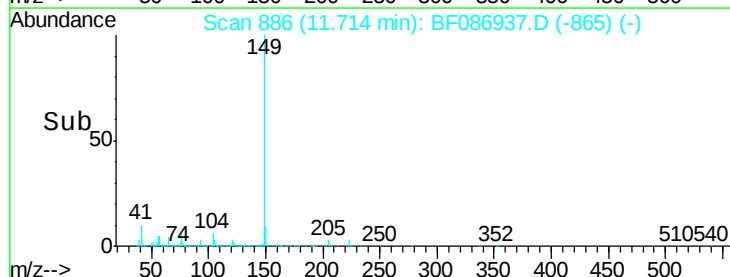
104 5.6 3.8 5.6

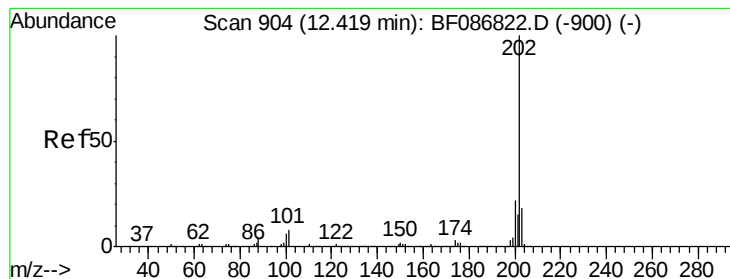


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.42 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

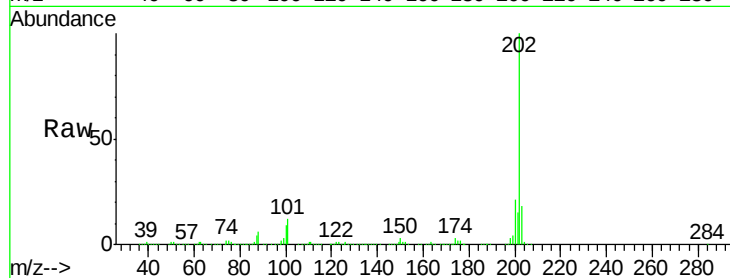
Tgt Ion:202 Resp: 1207394

Ion Ratio Lower Upper

202 100

101 12.2 0.0 35.4

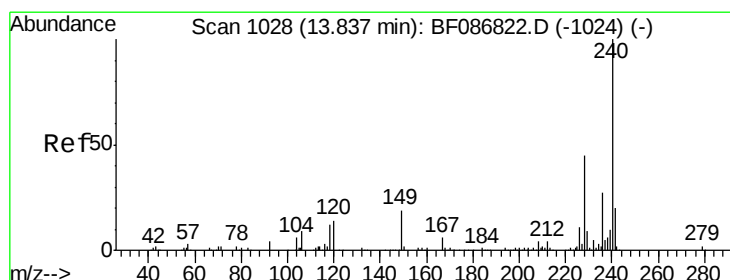
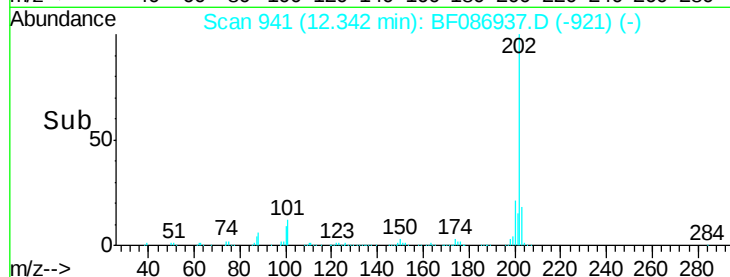
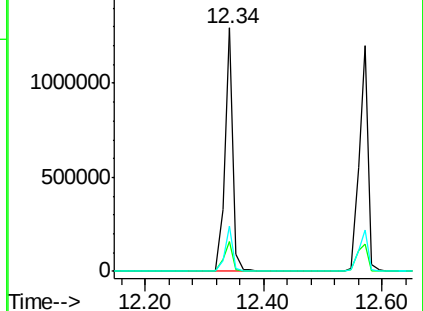
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

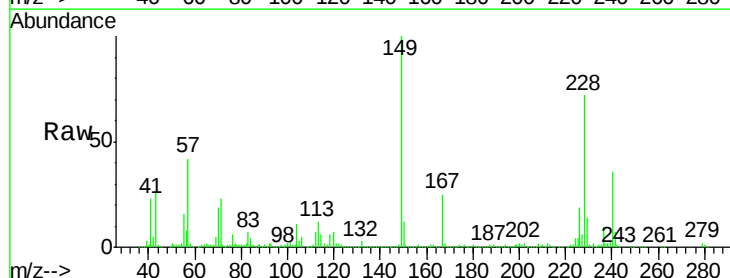
Tgt Ion:240 Resp: 332684

Ion Ratio Lower Upper

240 100

120 18.9 11.2 16.8#

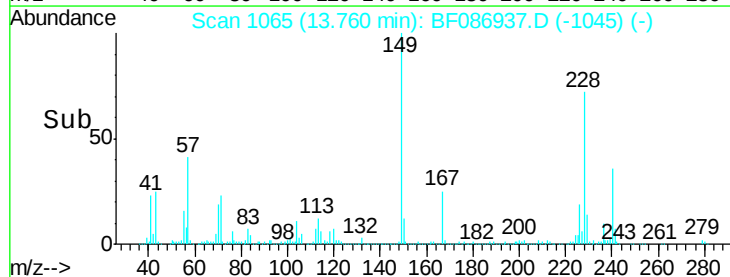
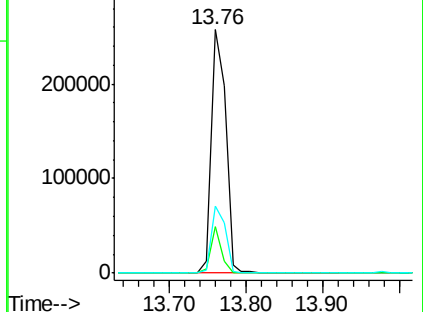
236 27.7 21.2 31.8

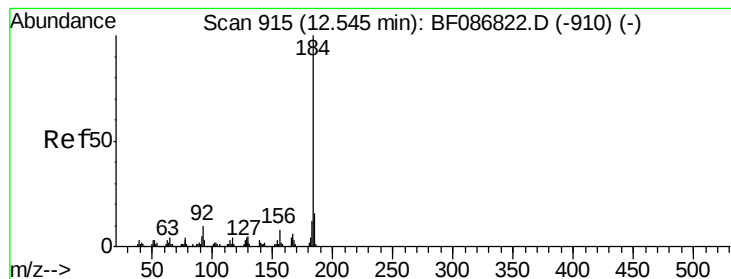


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 41.03 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

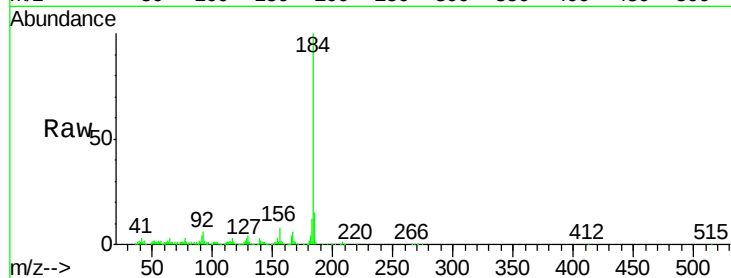
Tgt Ion:184 Resp: 347988

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

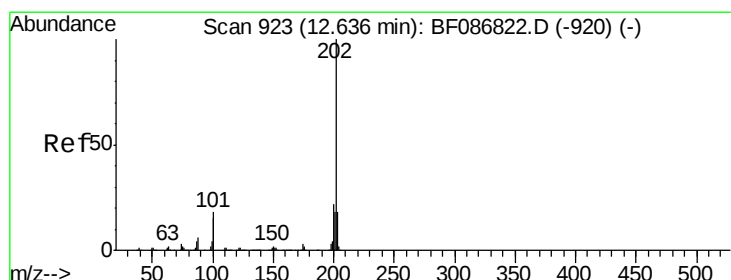
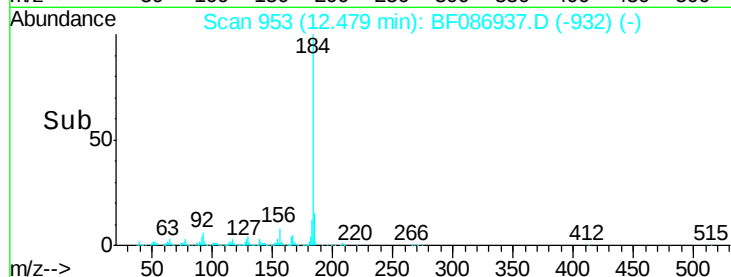
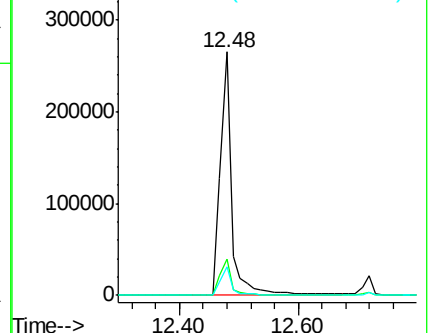
183 11.8 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 49.03 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

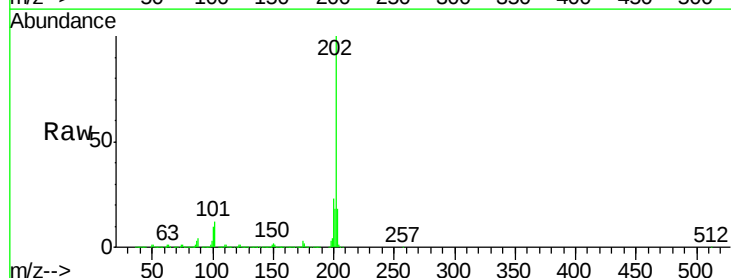
Tgt Ion:202 Resp: 1248778

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

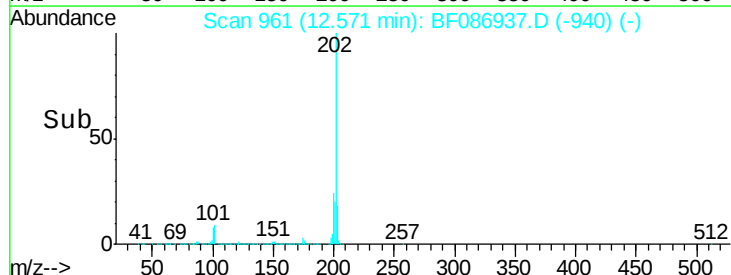
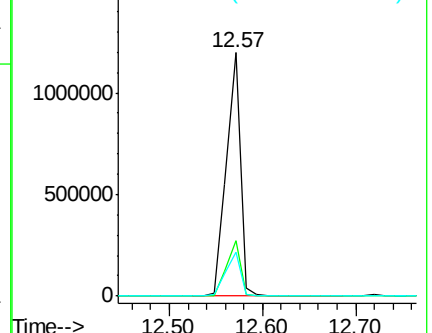
203 18.1 14.2 21.4

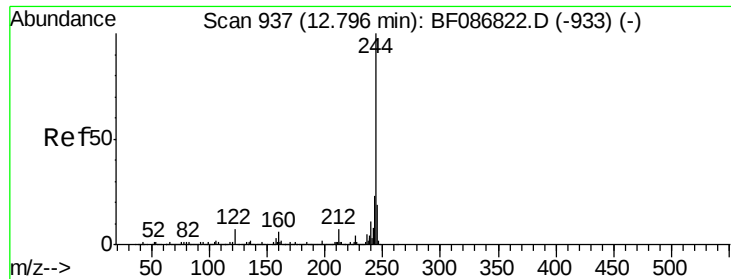


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

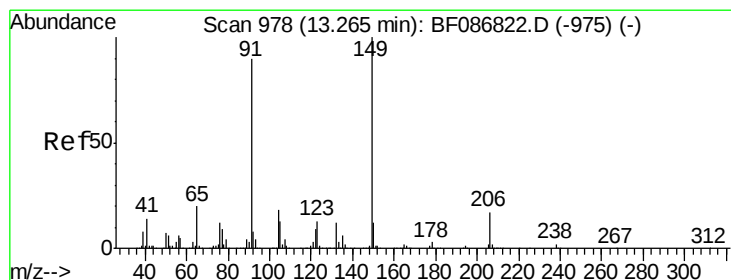
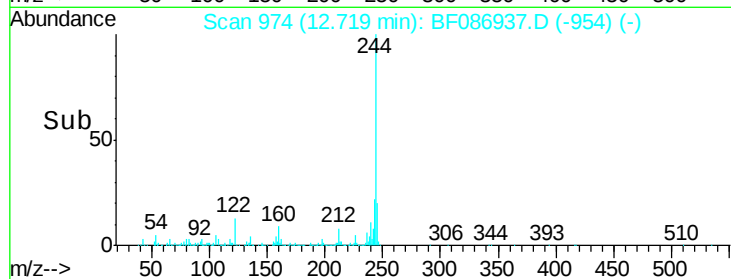
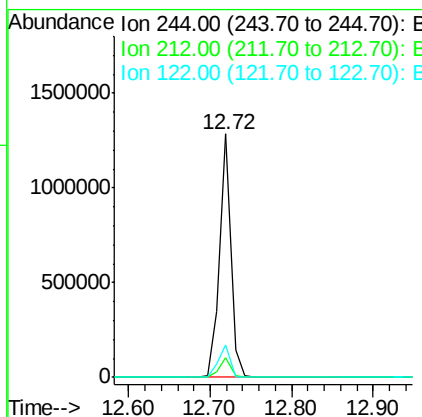
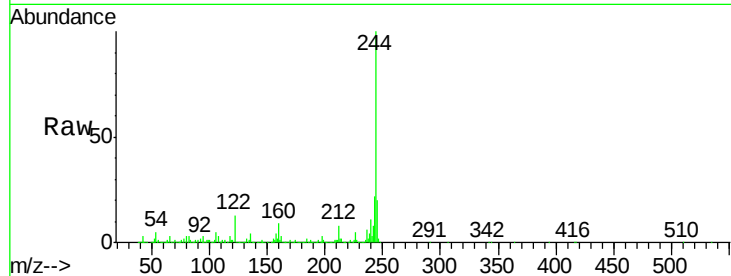




#78
 Terphenyl-d14
 Concen: 79.13 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.08 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

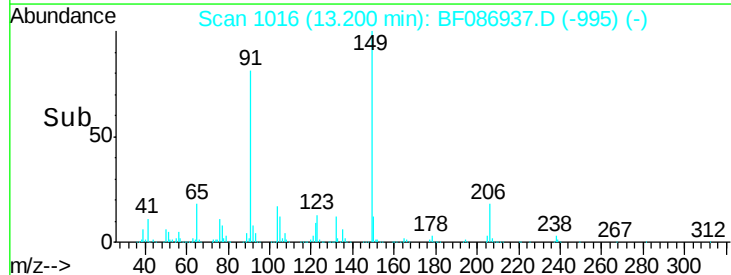
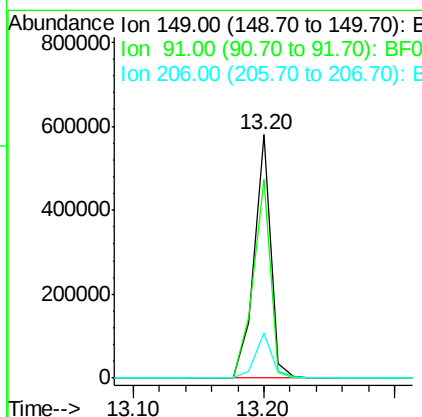
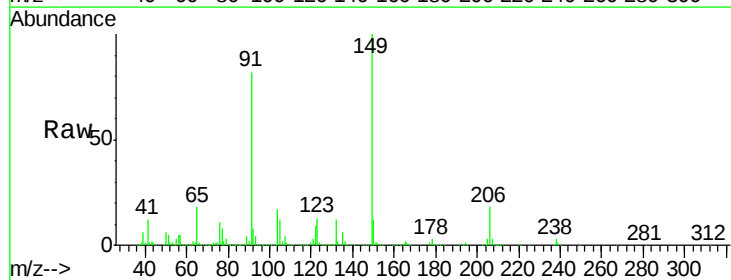
Instrument :
 BNA_F
 ClientSampleId :
 TP40-4FTMSD

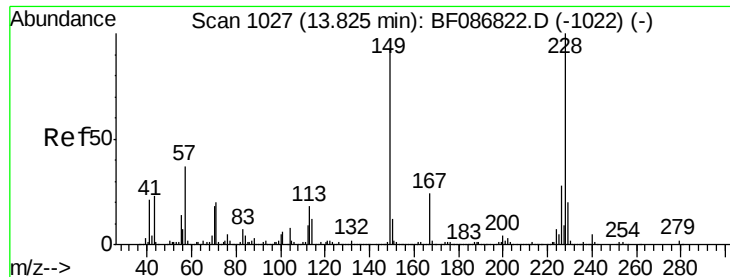
Tgt Ion:244 Resp: 1240747
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.1 12.0 18.0



#79
 Butylbenzylphthalate
 Concen: 48.08 ng
 RT: 13.20 min Scan# 1016
 Delta R.T. -0.07 min
 Lab File: BF086937.D
 Acq: 12 May 2016 18:24

Tgt Ion:149 Resp: 517999
 Ion Ratio Lower Upper
 149 100
 91 81.6 48.0 72.0#
 206 18.4 15.8 23.6





#80

Benzo(a)anthracene

Concen: 44.19 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

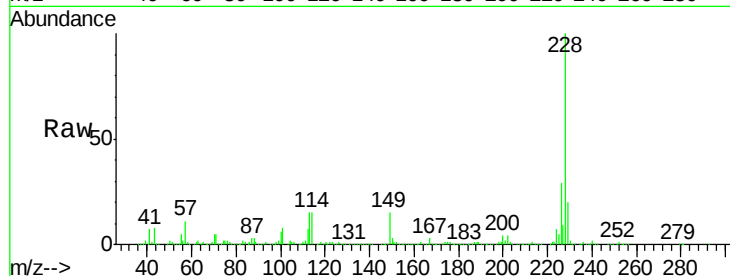
Tgt Ion:228 Resp: 825369

Ion Ratio Lower Upper

228 100

226 29.5 22.5 33.7

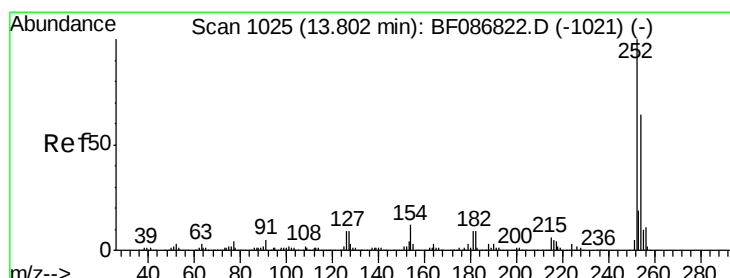
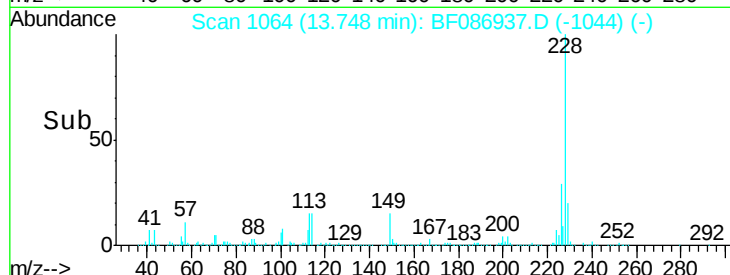
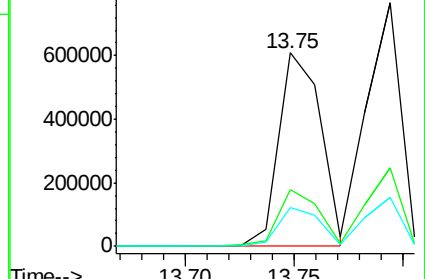
229 20.2 16.6 25.0



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: 17.45 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.08 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

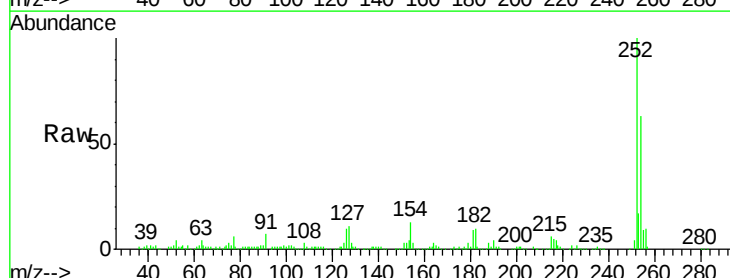
Tgt Ion:252 Resp: 207005

Ion Ratio Lower Upper

252 100

254 62.9 50.7 76.1

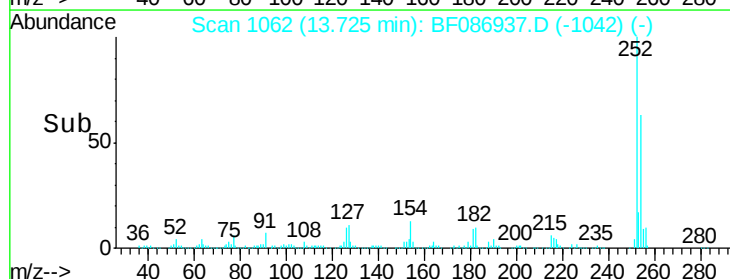
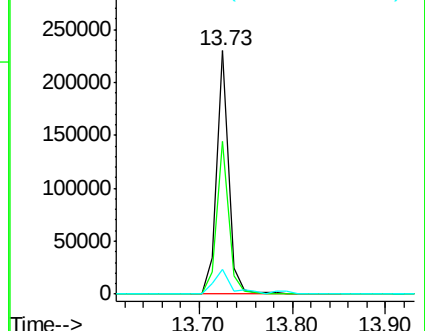
126 10.2 12.7 19.1#

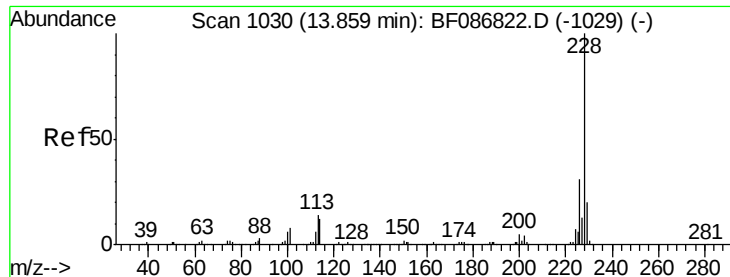


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.01 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

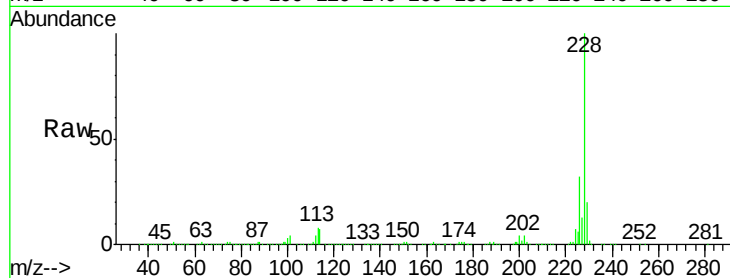
Tgt Ion:228 Resp: 855115

Ion Ratio Lower Upper

228 100

226 32.3 24.4 36.6

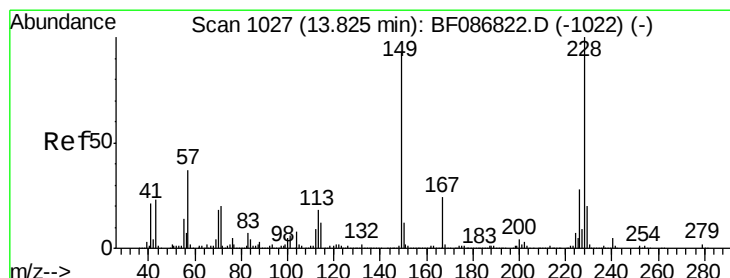
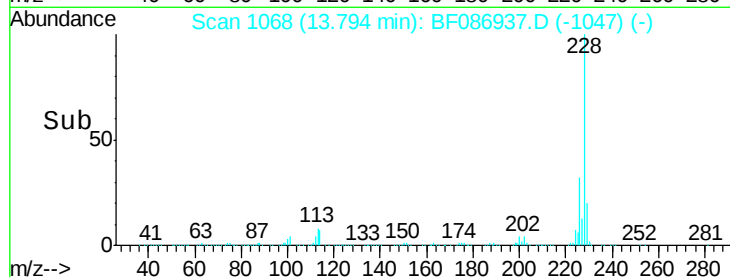
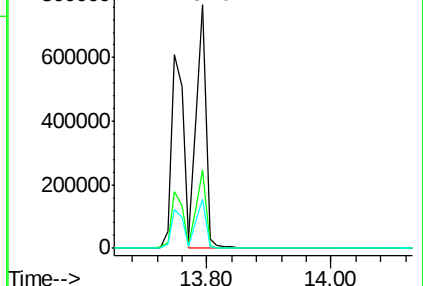
229 20.2 15.8 23.8



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: 47.53 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

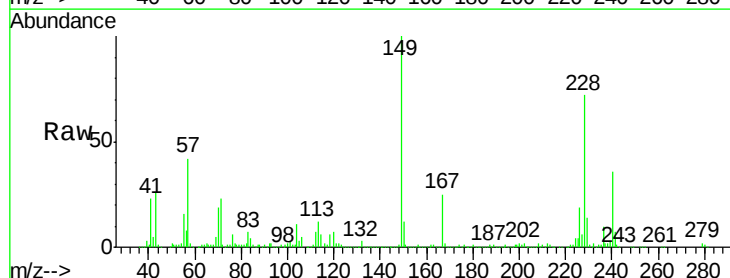
Tgt Ion:149 Resp: 615983

Ion Ratio Lower Upper

149 100

167 24.6 21.8 32.6

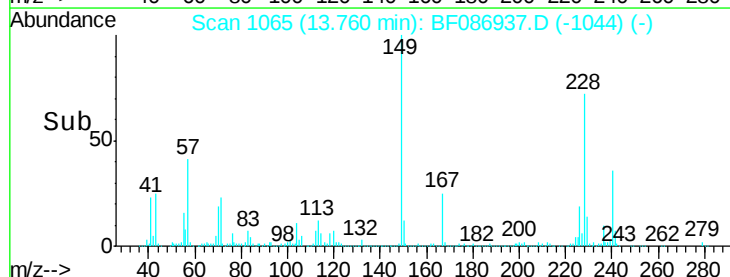
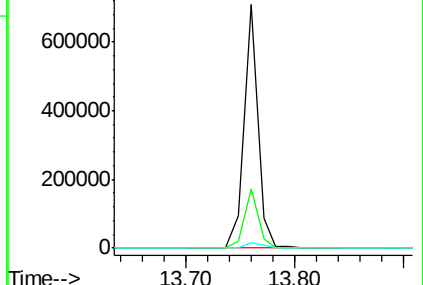
279 2.4 2.6 4.0#

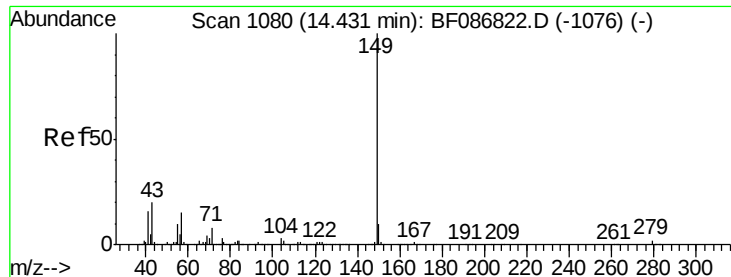


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.12 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.07 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

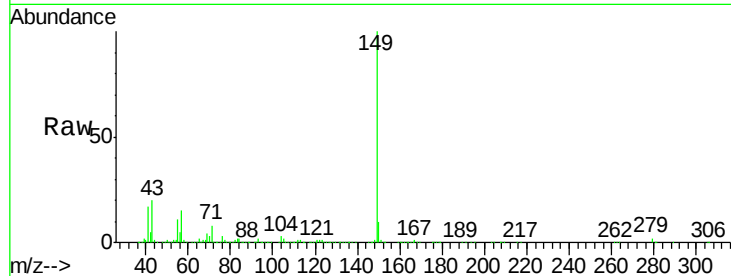
Tgt Ion:149 Resp: 925611

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

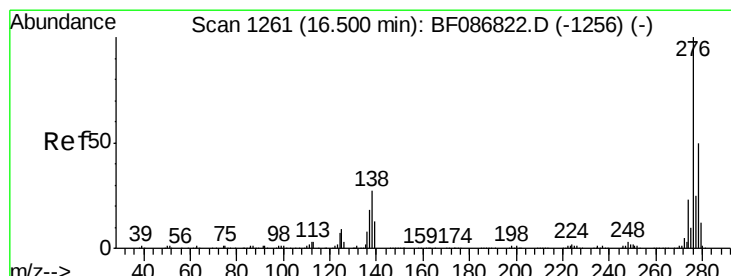
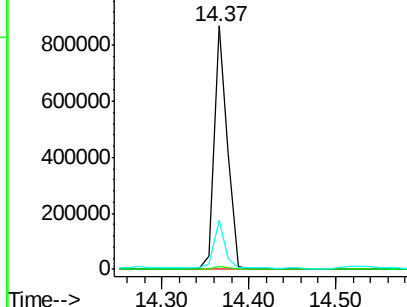
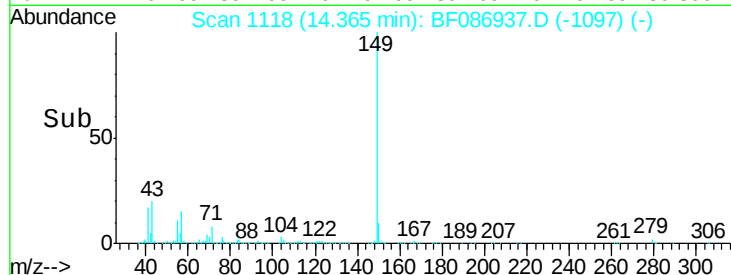
43 16.9 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.84 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.12 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

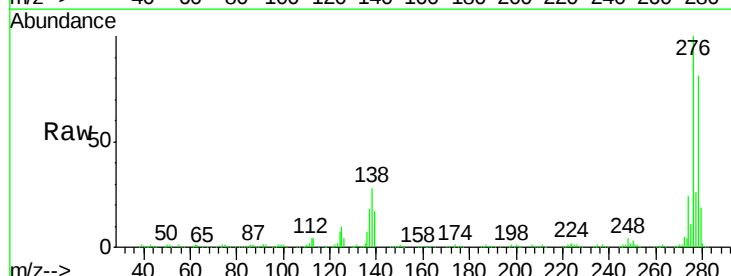
Tgt Ion:276 Resp: 803671

Ion Ratio Lower Upper

276 100

138 27.4 25.6 38.4

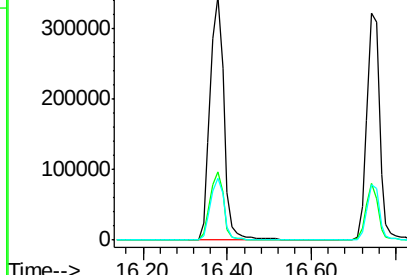
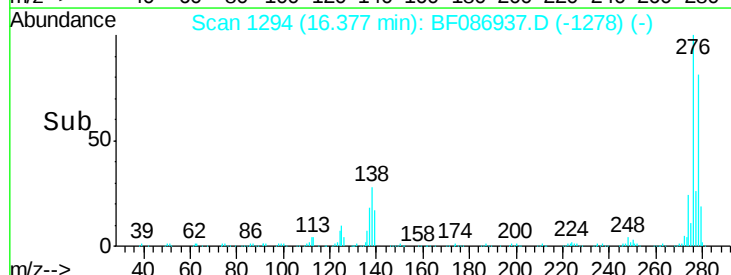
277 25.2 20.5 30.7

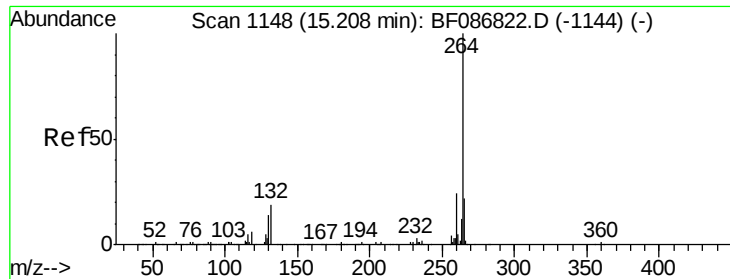


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

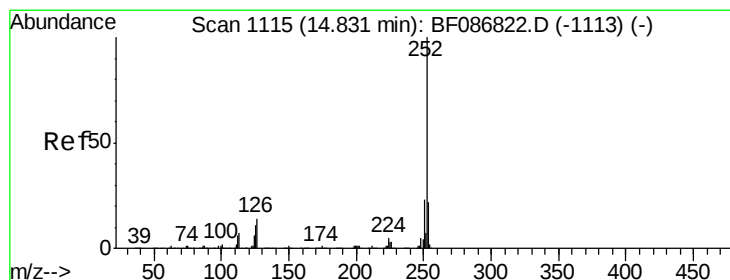
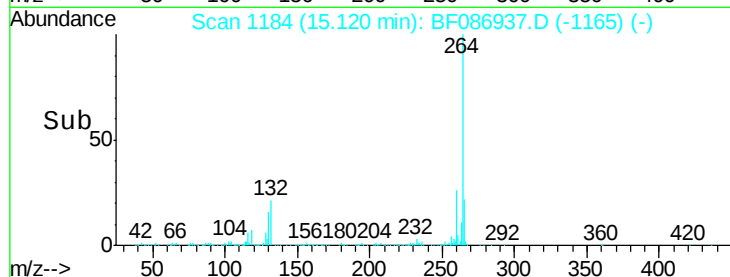
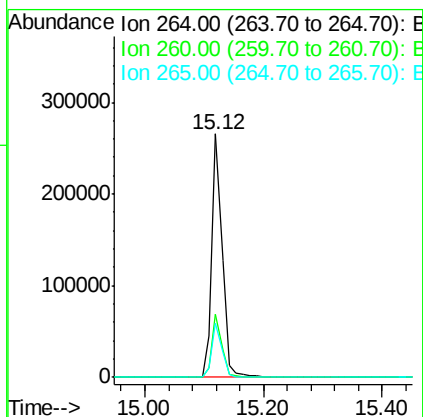
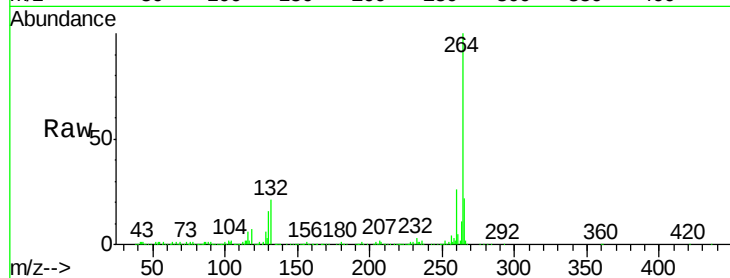




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

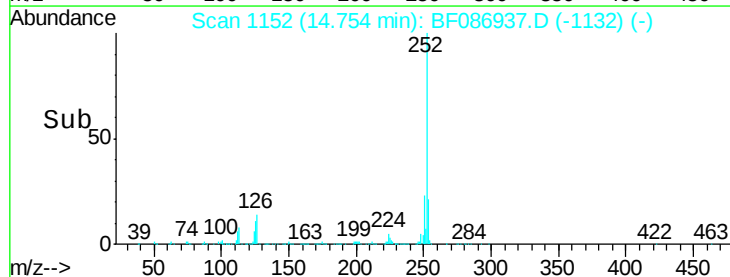
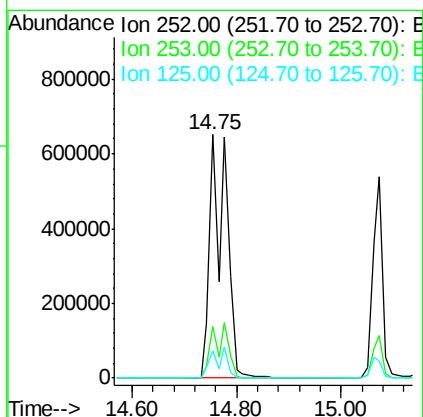
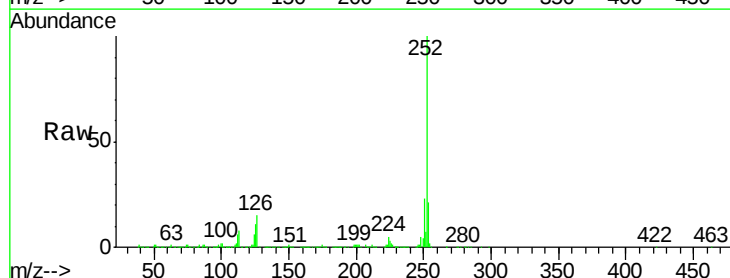
Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

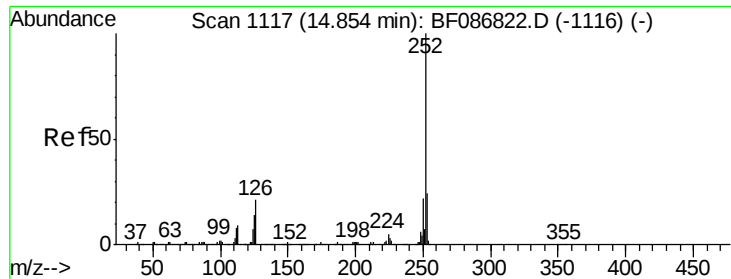
Tgt Ion:264 Resp: 319811
Ion Ratio Lower Upper
264 100
260 25.7 19.5 29.3
265 22.0 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 67.40 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:252 Resp: 1400824
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 11.3 11.4 17.0#

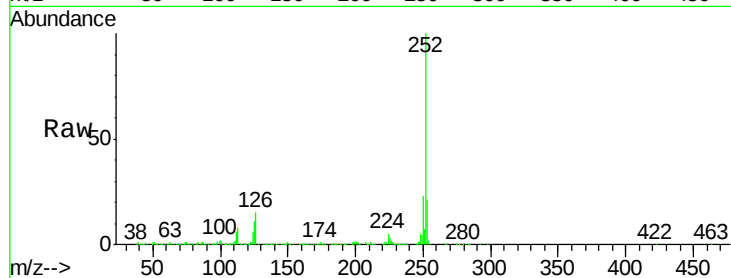




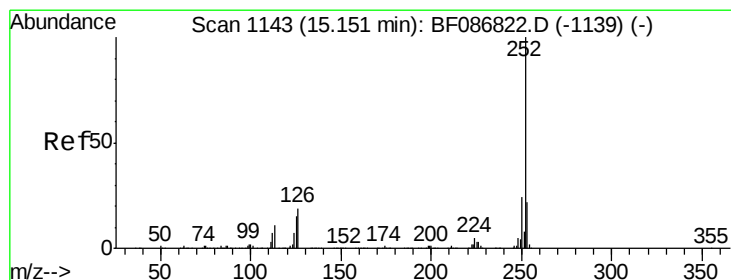
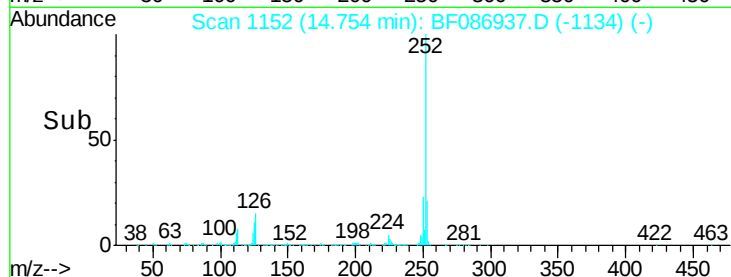
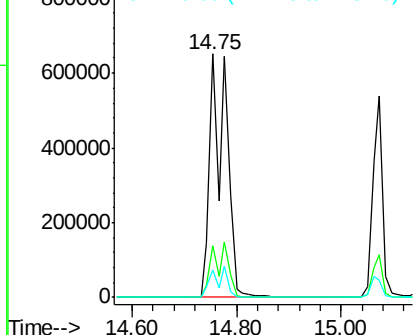
#88
Benzo(k)fluoranthene
Concen: 82.31 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.10 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
TP40-4FTMSD

Tgt Ion:252 Resp: 1400824
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 11.3 9.1 13.7

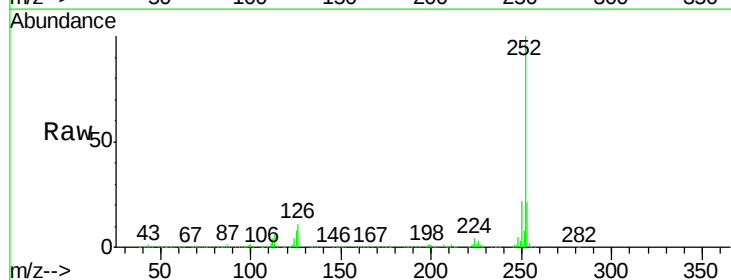


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

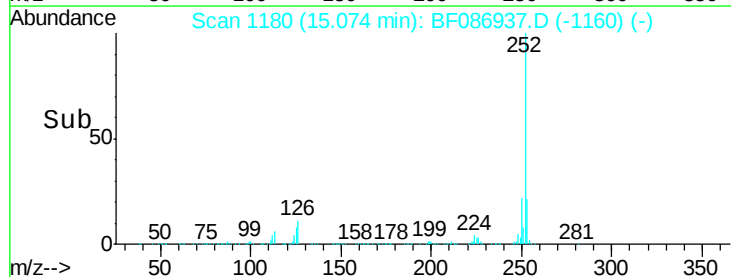
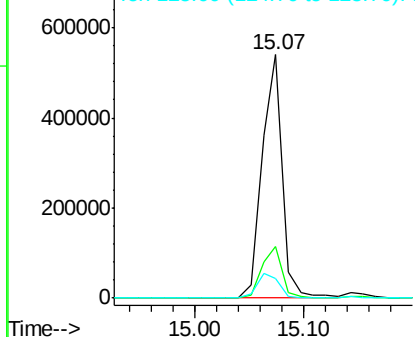


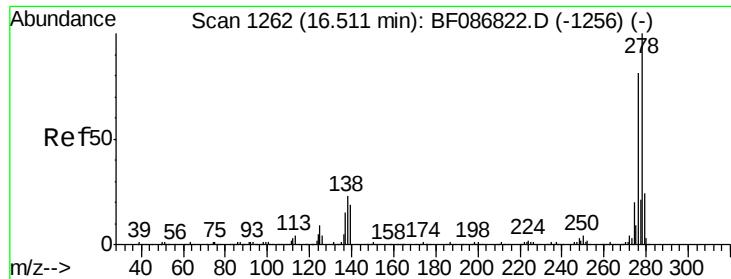
#89
Benzo(a)pyrene
Concen: 38.87 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.08 min
Lab File: BF086937.D
Acq: 12 May 2016 18:24

Tgt Ion:252 Resp: 696839
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 8.2 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: 44.10 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.12 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TP40-4FTMSD

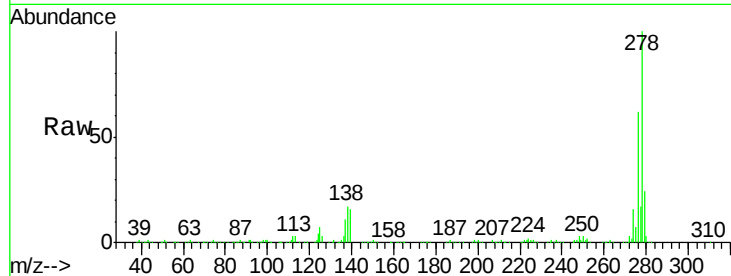
Tgt Ion:278 Resp: 666332

Ion Ratio Lower Upper

278 100

139 16.0 16.6 24.8#

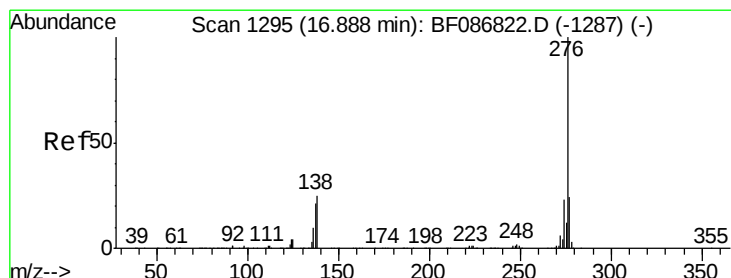
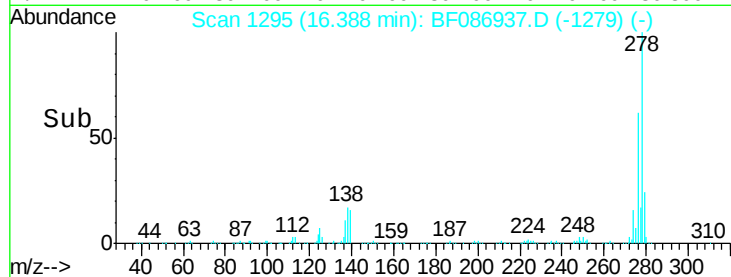
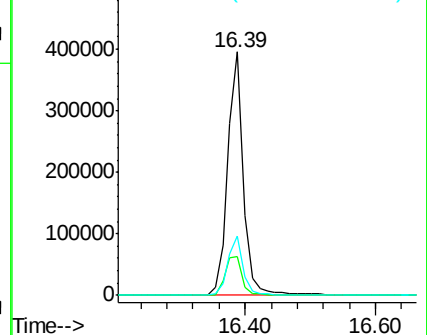
279 24.2 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 44.74 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.15 min

Lab File: BF086937.D

Acq: 12 May 2016 18:24

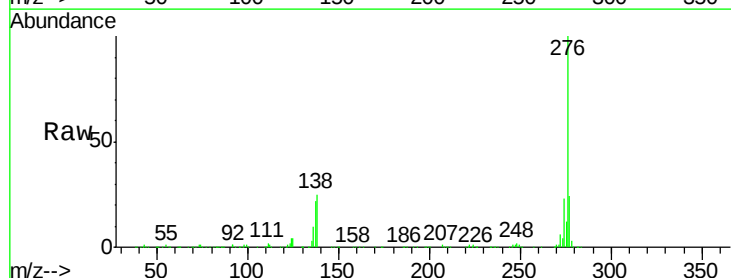
Tgt Ion:276 Resp: 686856

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 25.0 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

