

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086552.D
 Acq On : 1 May 2016 5:42
 Operator : UM/SJ
 Sample : H2737-04MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

Quant Time: May 02 00:47:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134534	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	581494	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	273144	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	536676	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	338483	20.00	ng	-0.05
86) Perylene-d12	15.31	264	308475	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	561196	71.95	ng	-0.03
7) Phenol-d6	6.41	99	513001	47.13	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1008485	93.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.60	330	428274	148.68	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1682093	115.96	ng	-0.03
78) Terphenyl-d14	12.87	244	1510660	98.33	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	68285	16.67	ng	# 76
3) Pyridine	3.06	79	115472	11.91	ng	# 69
4) n-Nitrosodimethylamine	2.97	42	107642	19.48	ng	# 59
6) Aniline	6.43	93	249826	18.97	ng	93
8) 2-Chlorophenol	6.54	128	331056	34.08	ng	# 74
9) Benzaldehyde	6.30	77	56382	8.90	ng	97
10) Phenol	6.42	94	187587	15.45	ng	# 68
11) bis(2-Chloroethyl)ether	6.50	93	425076	40.49	ng	# 83
12) 1,3-Dichlorobenzene	6.78	146	405130	38.77	ng	96
13) 1,4-Dichlorobenzene	6.78	146	413020	38.31	ng	96
14) 1,2-Dichlorobenzene	6.93	146	364361	36.85	ng	95
15) Benzyl Alcohol	6.91	79	228420	33.17	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	879732	41.86	ng	90
17) 2-Methylphenol	7.04	107	251686	32.05	ng	# 94
18) Hexachloroethane	7.28	117	143548	35.63	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	331589	46.08	ng	# 69
20) 3+4-Methylphenols	7.18	107	245651	27.40	ng	# 70
22) Acetophenone	7.18	105	608043	47.69	ng	# 97
24) Nitrobenzene	7.36	77	521306	46.98	ng	96
25) Isophorone	7.60	82	906076	43.64	ng	98
26) 2-Nitrophenol	7.68	139	218392	42.74	ng	93
27) 2,4-Dimethylphenol	7.72	122	342211	38.17	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	561506	49.64	ng	99
29) 2,4-Dichlorophenol	7.92	162	341596	45.16	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	343802	39.18	ng	96
31) Naphthalene	8.08	128	1244392	42.06	ng	99
32) Benzoic acid	7.81	122	66410	18.78	ng	96
33) 4-Chloroaniline	8.13	127	222439	20.07	ng	99
34) Hexachlorobutadiene	8.19	225	173031	35.17	ng	97
35) Caprolactam	8.50	113	18310	7.26	ng	# 49
36) 4-Chloro-3-methylphenol	8.61	107	361172	41.70	ng	99
37) 2-Methylnaphthalene	8.76	142	780331	44.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	327434	41.88	ng	97
40) Hexachlorocyclopentadiene	8.92	237	276098	71.06	ng	94

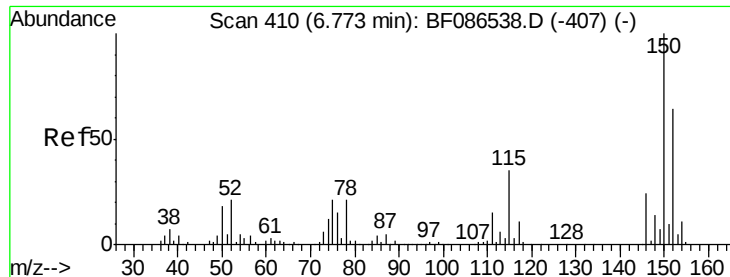
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086552.D
 Acq On : 1 May 2016 5:42
 Operator : UM/SJ
 Sample : H2737-04MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

Quant Time: May 02 00:47:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	237385	48.03	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	233251	43.30	ng #	91
45) 1,1'-Biphenyl	9.23	154	950109	41.62	ng	97
46) 2-Chloronaphthalene	9.25	162	727538	41.91	ng	93
47) 2-Nitroaniline	9.36	65	310836	55.84	ng	89
48) Acenaphthylene	9.66	152	1148692	42.33	ng	99
49) Dimethylphthalate	9.54	163	928895	45.17	ng	99
50) 2,6-Dinitrotoluene	9.60	165	195092	45.92	ng #	85
51) Acenaphthene	9.84	154	830806	47.67	ng	99
52) 3-Nitroaniline	9.77	138	117390	24.30	ng	99
53) 2,4-Dinitrophenol	9.87	184	190227	81.71	ng #	75
54) Dibenzofuran	10.01	168	1036461	47.58	ng	94
55) 4-Nitrophenol	9.94	139	102680	32.46	ng	84
56) 2,4-Dinitrotoluene	10.00	165	259707	47.96	ng #	87
57) Fluorene	10.35	166	747007	39.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	217156	51.56	ng	97
59) Diethylphthalate	10.24	149	890347	45.74	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	384740	44.81	ng #	86
61) 4-Nitroaniline	10.38	138	216308	45.80	ng	90
62) Azobenzene	10.51	77	1068828	50.13	ng	89
64) 4,6-Dinitro-2-methylphenol	10.41	198	146323	46.44	ng #	72
65) n-Nitrosodiphenylamine	10.46	169	707436	42.18	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	236621	42.79	ng #	87
67) Hexachlorobenzene	10.90	284	265871	41.54	ng #	81
68) Atrazine	11.00	200	246540	48.95	ng	95
69) Pentachlorophenol	11.09	266	275295	81.57	ng	96
70) Phenanthrene	11.31	178	1165516	41.38	ng	99
71) Anthracene	11.37	178	1349721	44.91	ng	99
72) Carbazole	11.52	167	1139889	42.79	ng	98
73) Di-n-butylphthalate	11.86	149	1399590	46.38	ng	99
74) Fluoranthene	12.49	202	1281481	45.08	ng	100
77) Pyrene	12.72	202	1187963	48.71	ng	99
79) Butylbenzylphthalate	13.35	149	516237	48.87	ng #	77
80) Benzo(a)anthracene	13.91	228	892617	49.46	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	149010	12.35	ng #	98
82) Chrysene	13.94	228	820453	41.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	558745	42.61	ng	97
84) Di-n-octyl phthalate	14.51	149	910645	44.35	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	935849	64.39	ng	97
87) Benzo(b)fluoranthene	14.95	252	1636491	90.18	ng #	96
88) Benzo(k)fluoranthene	14.95	252	1638958	86.59	ng	99
89) Benzo(a)pyrene	15.25	252	769676	44.92	ng	100
90) Dibenzo(a,h)anthracene	16.66	278	780269	55.65	ng	99
91) Benzo(g,h,i)perylene	17.05	276	813748	57.91	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

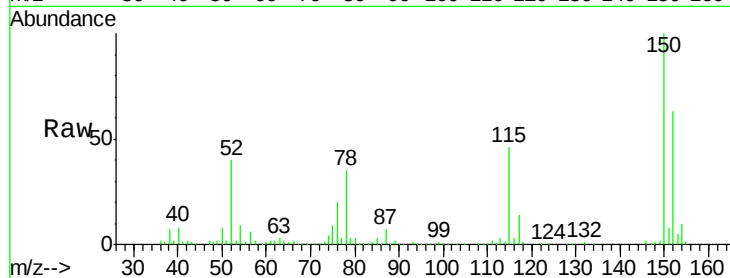
Tgt Ion:152 Resp: 134534

Ion Ratio Lower Upper

152 100

150 158.9 125.8 188.6

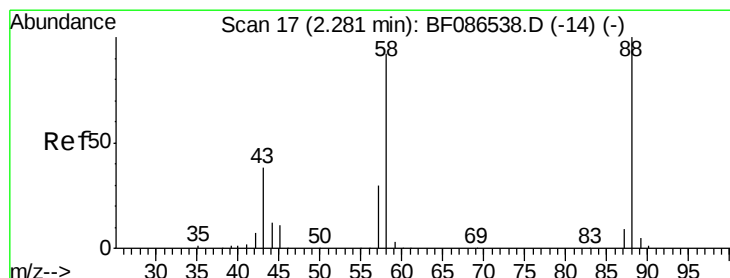
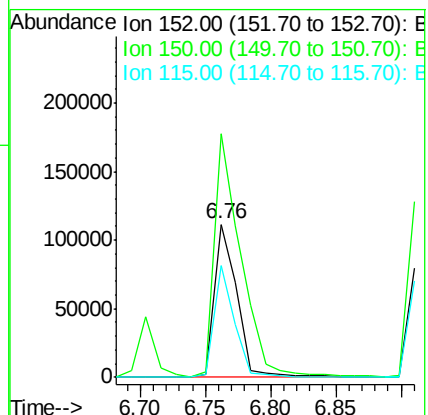
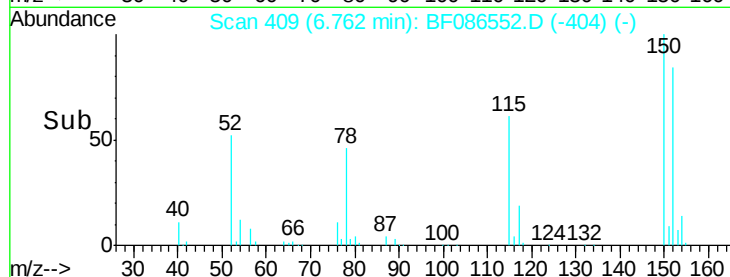
115 72.7 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.67 ng

RT: 2.34 min Scan# 22

Delta R.T. -0.02 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

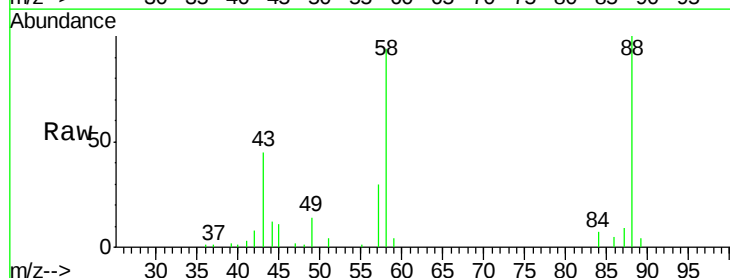
Tgt Ion: 88 Resp: 68285

Ion Ratio Lower Upper

88 100

58 92.8 59.6 89.4#

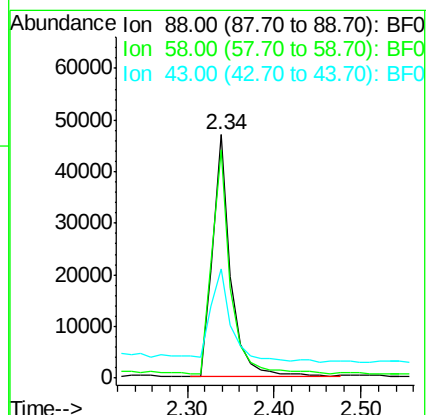
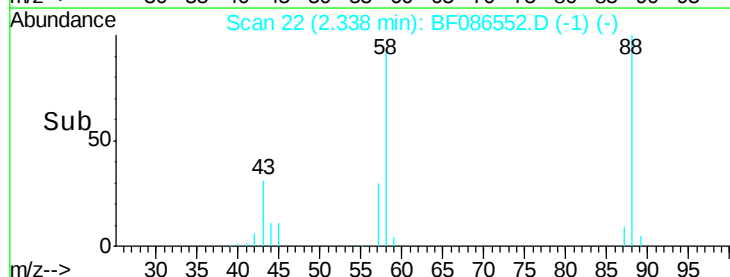
43 44.0 21.8 32.6#

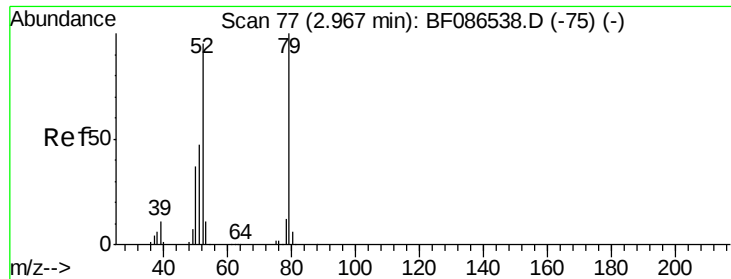


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.91 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

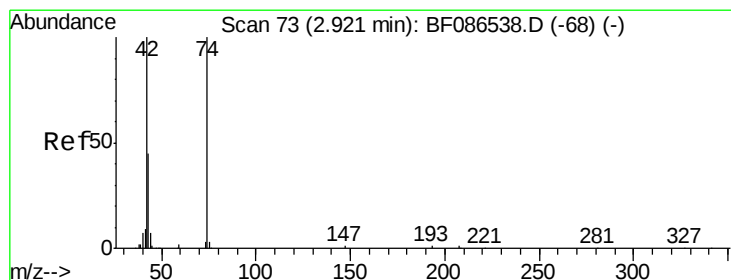
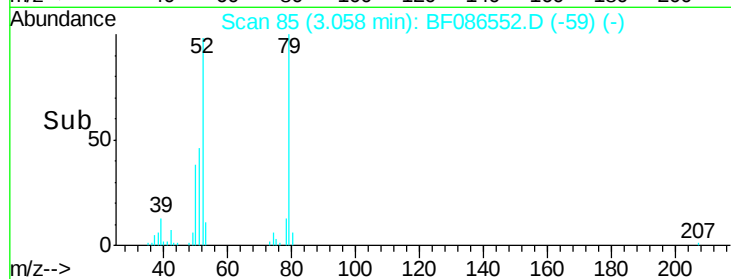
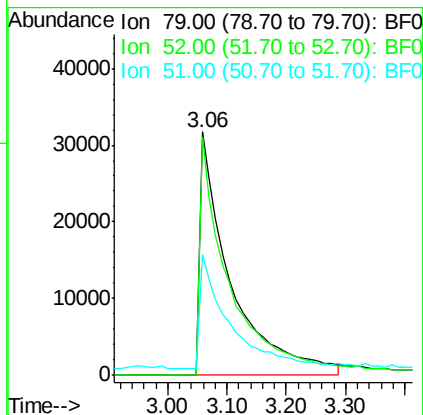
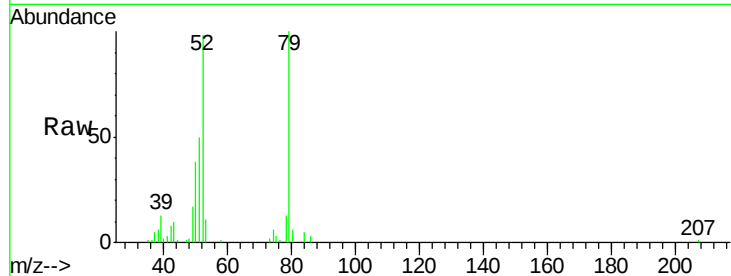
Tgt Ion: 79 Resp: 115472

Ion Ratio Lower Upper

79 100

52 97.7 55.9 83.9#

51 49.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 19.48 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

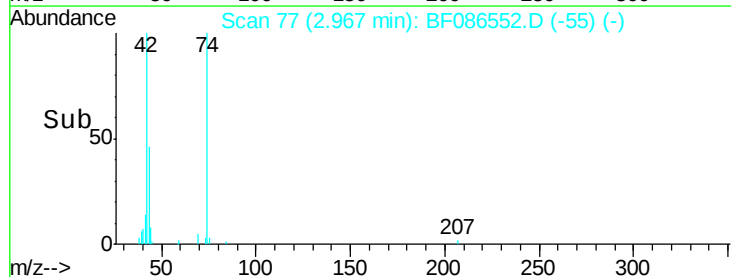
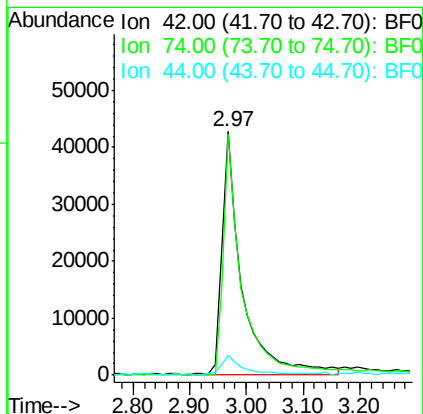
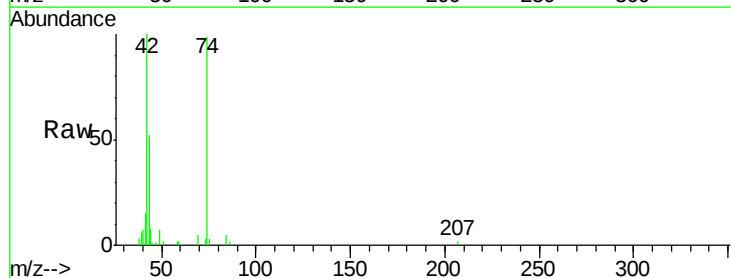
Tgt Ion: 42 Resp: 107642

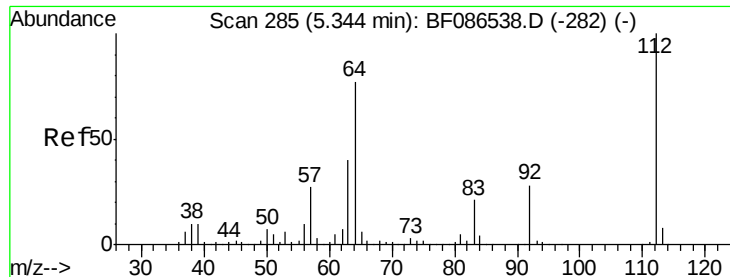
Ion Ratio Lower Upper

42 100

74 98.8 123.4 185.0#

44 8.1 5.8 8.6





#5

2-Fluorophenol

Concen: 71.95 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

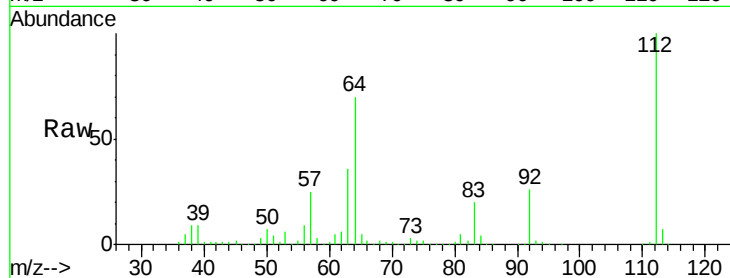
Tgt Ion: 112 Resp: 561196

Ion Ratio Lower Upper

112 100

64 69.5 52.1 78.1

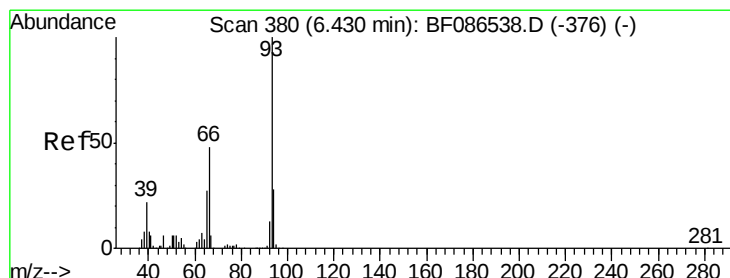
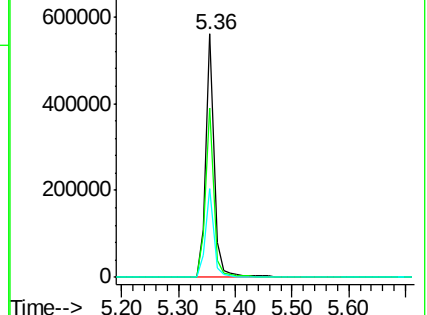
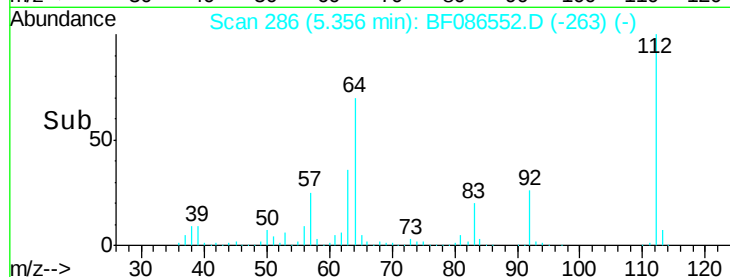
63 36.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.97 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

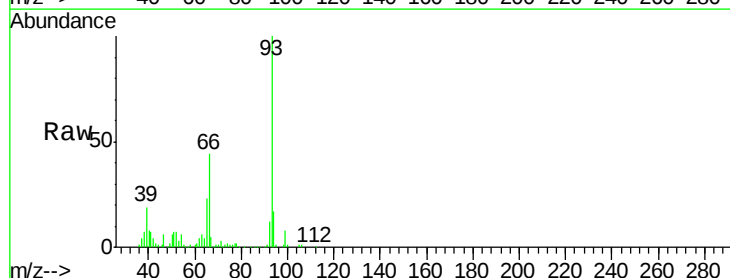
Tgt Ion: 93 Resp: 249826

Ion Ratio Lower Upper

93 100

66 43.7 39.0 58.6

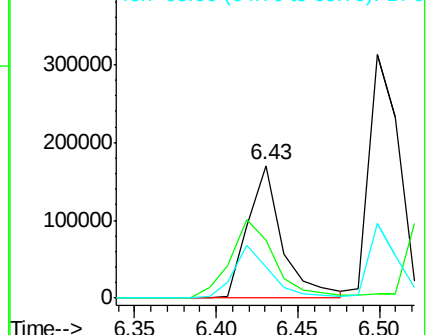
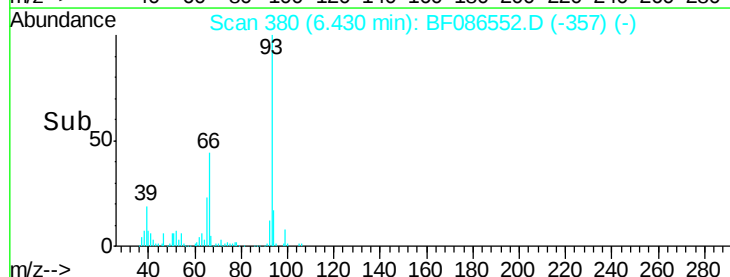
65 23.2 20.6 31.0

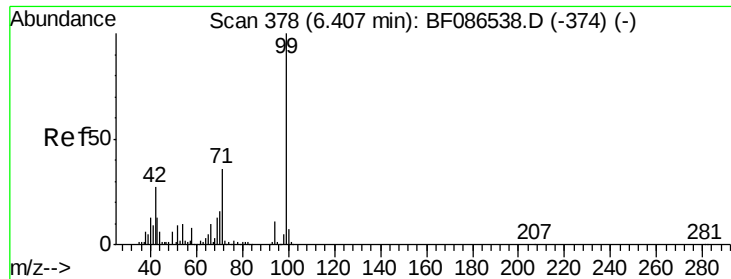


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 47.13 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

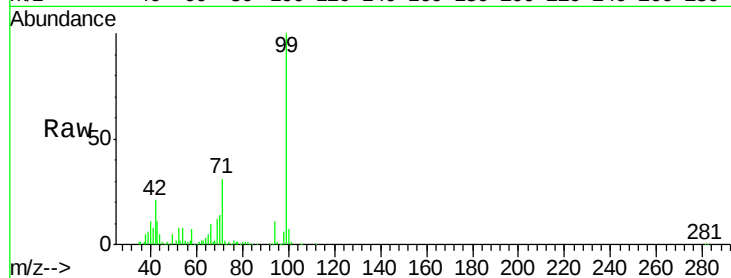
Tgt Ion: 99 Resp: 513001

Ion Ratio Lower Upper

99 100

42 21.4 13.6 20.4#

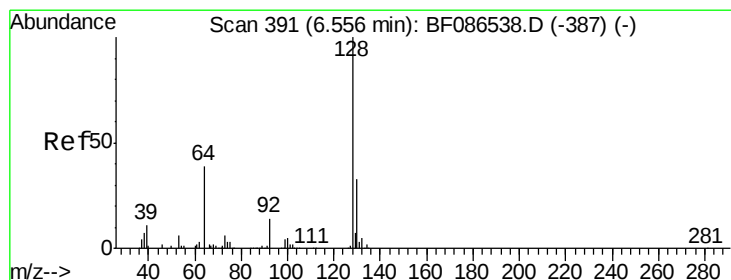
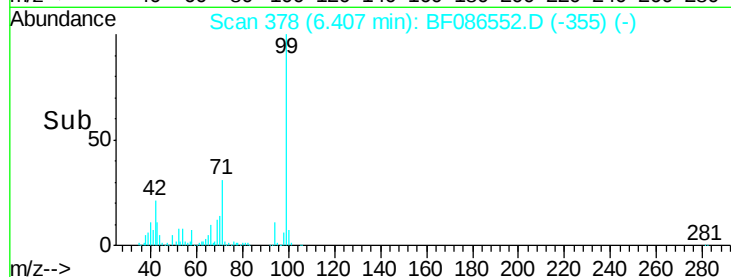
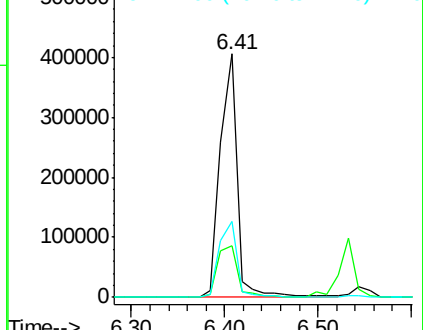
71 31.4 24.6 36.8



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



#8

2-Chlorophenol

Concen: 34.08 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

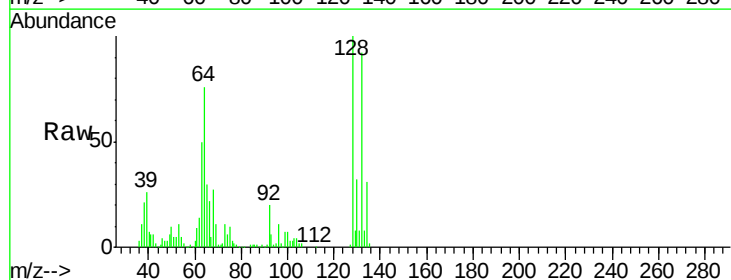
Tgt Ion: 128 Resp: 331056

Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

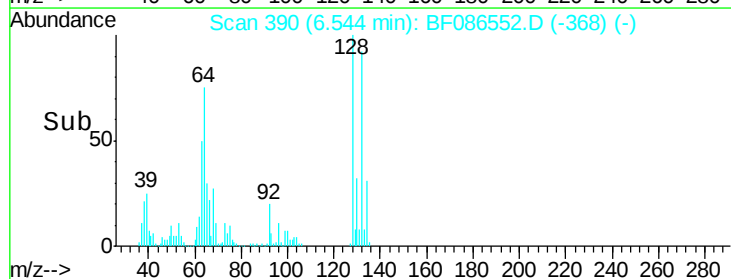
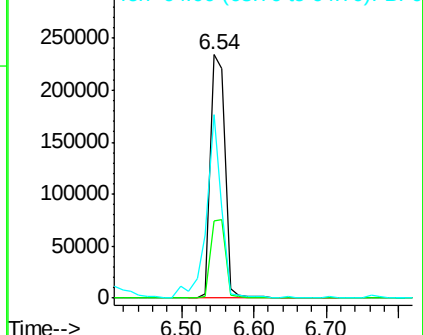
64 75.5 27.3 67.3#

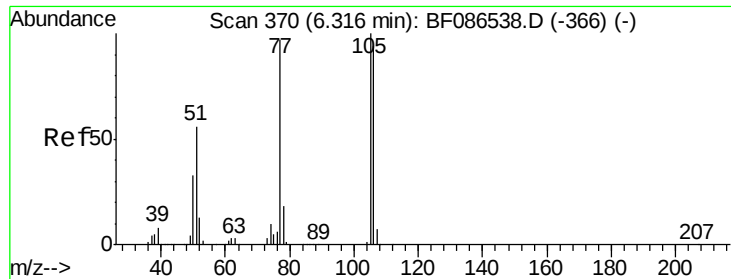


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.90 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

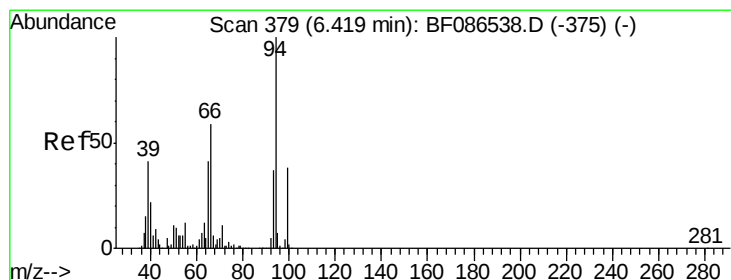
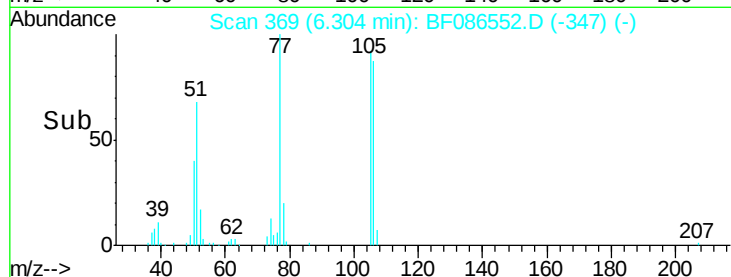
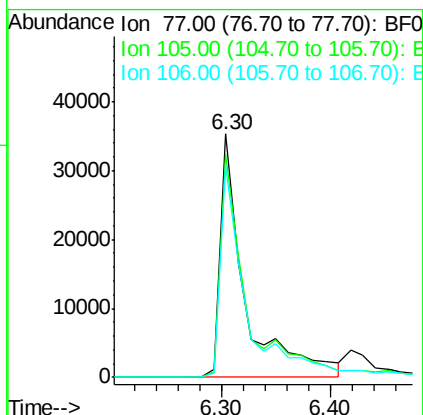
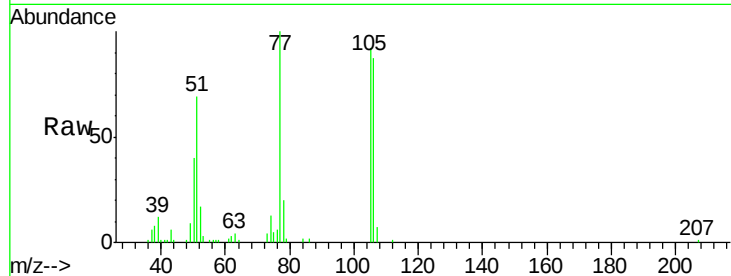
Tgt Ion: 77 Resp: 56382

Ion Ratio Lower Upper

77 100

105 91.7 72.7 112.7

106 86.9 70.8 110.8



#10

Phenol

Concen: 15.45 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

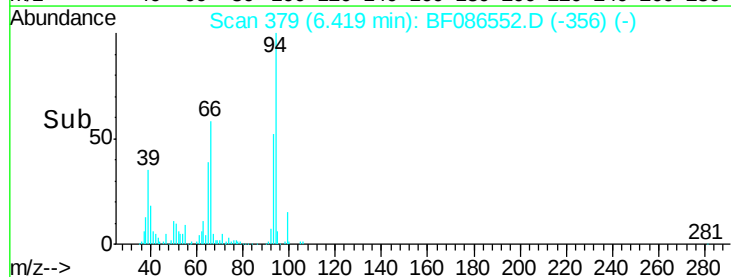
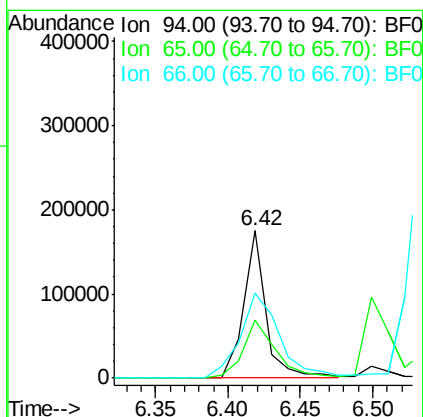
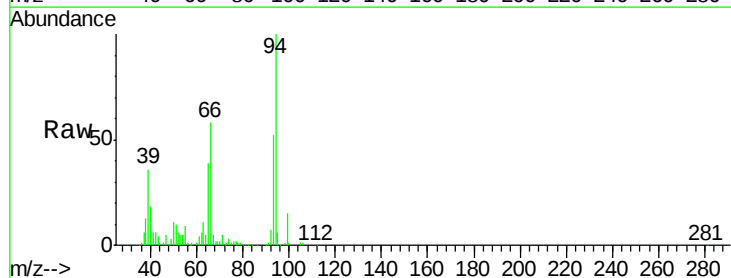
Tgt Ion: 94 Resp: 187587

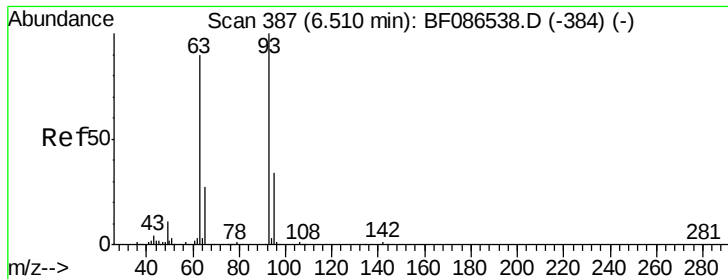
Ion Ratio Lower Upper

94 100

65 39.1 7.2 47.2

66 57.6 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.49 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

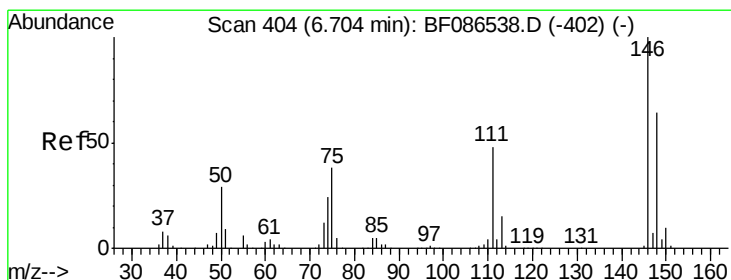
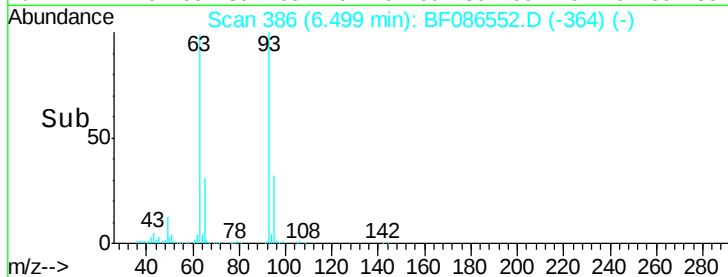
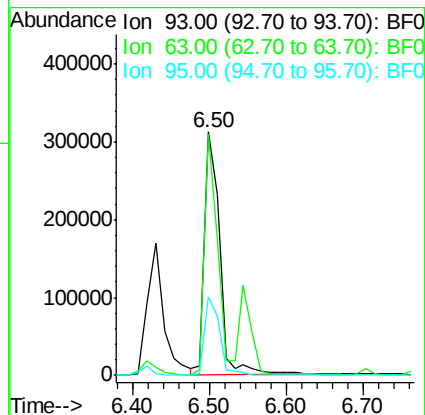
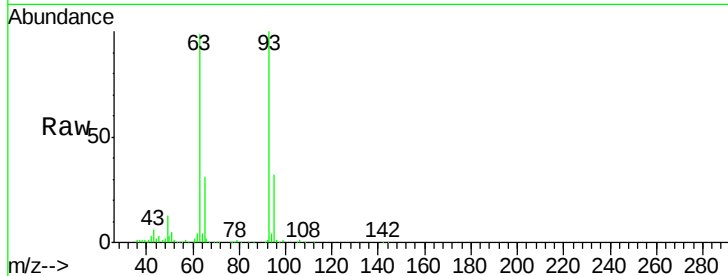
Tgt Ion: 93 Resp: 425076

Ion Ratio Lower Upper

93 100

63 98.9 58.0 98.0#

95 32.0 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 38.77 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

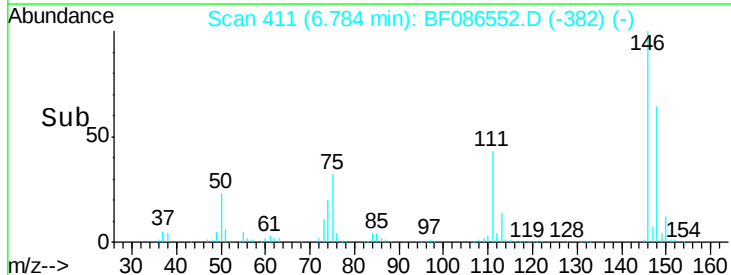
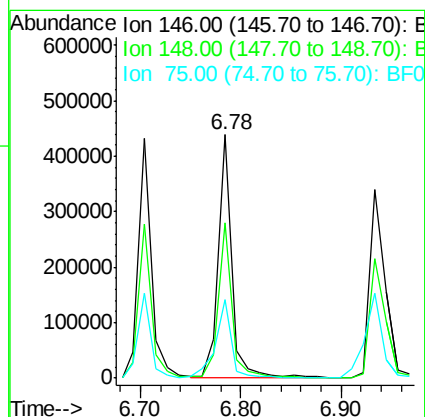
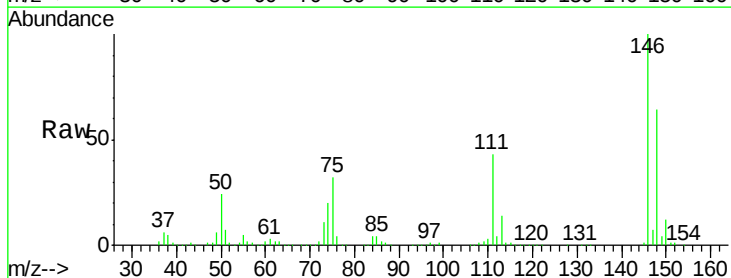
Tgt Ion: 146 Resp: 405130

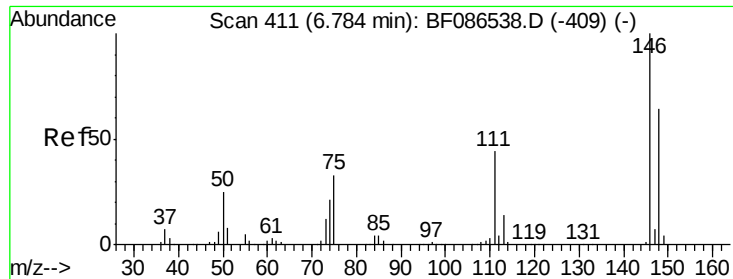
Ion Ratio Lower Upper

146 100

148 63.7 52.4 78.6

75 32.4 22.8 34.2

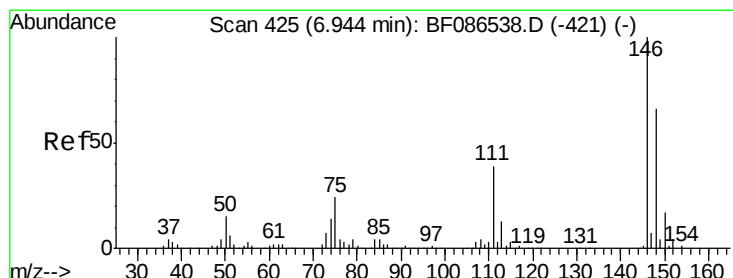
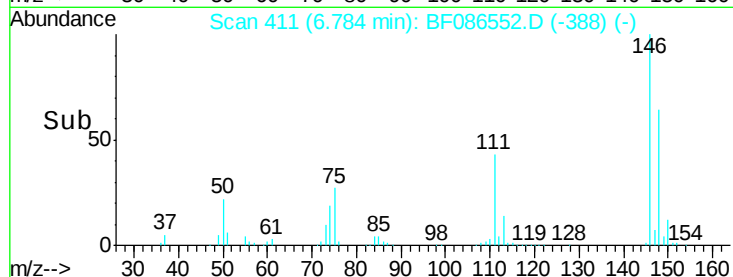
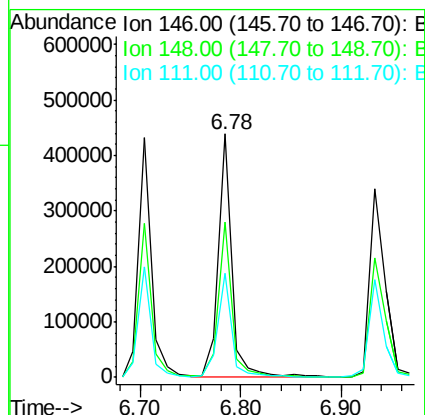
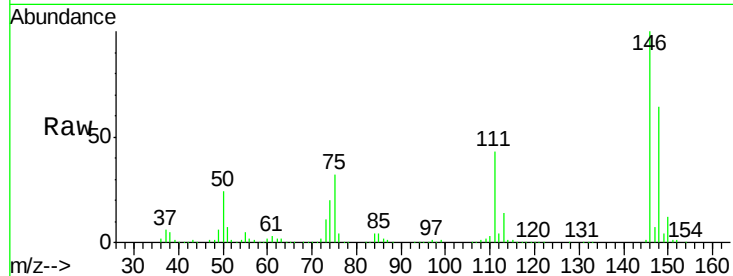




#13
 1,4-Dichlorobenzene
 Concen: 38.31 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

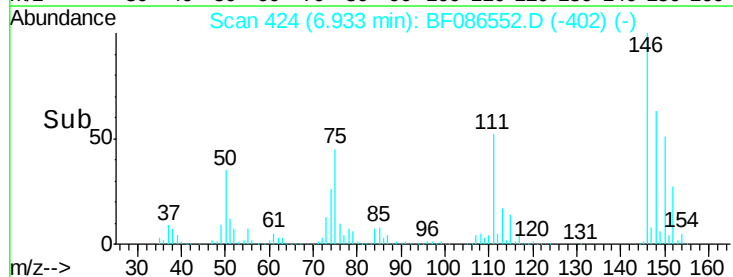
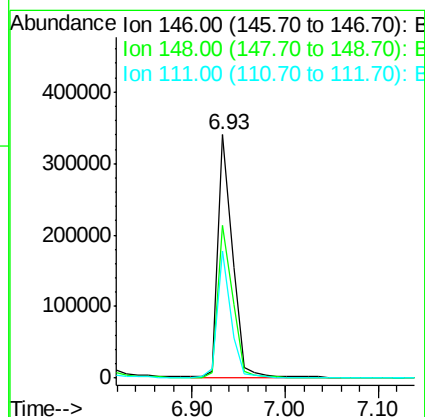
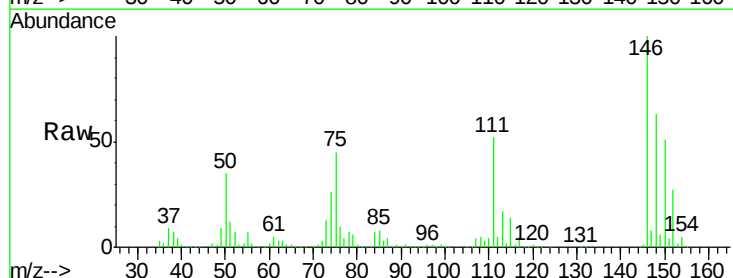
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

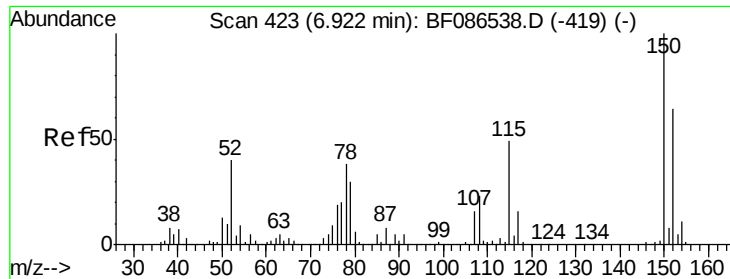
Tgt Ion:146 Resp: 413020
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 42.7 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.85 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion:146 Resp: 364361
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 52.0 36.2 54.4





#15

Benzyl Alcohol

Concen: 33.17 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

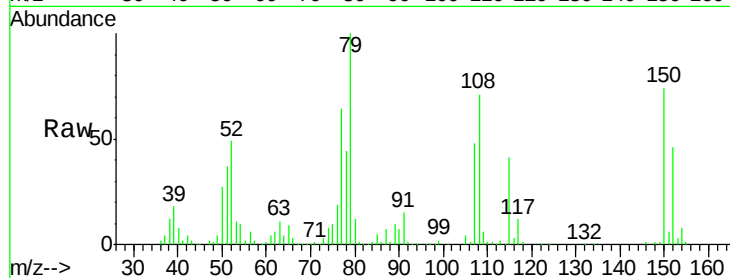
Tgt Ion: 79 Resp: 228420

Ion Ratio Lower Upper

79 100

108 70.6 68.4 102.6

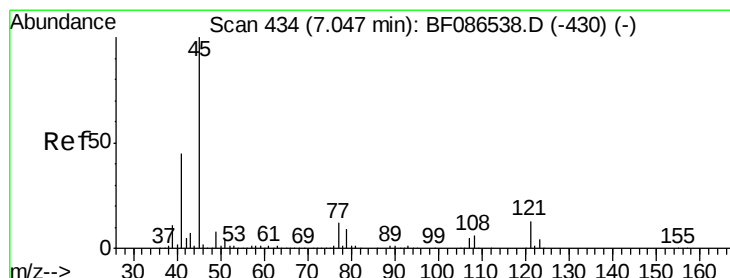
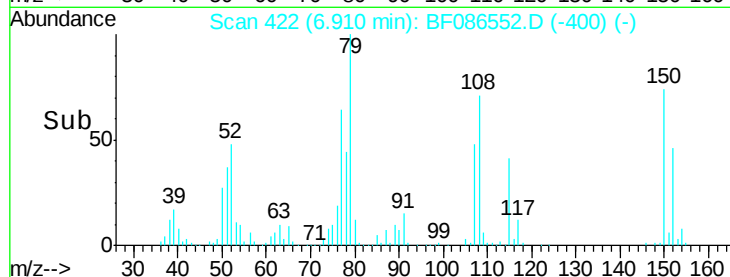
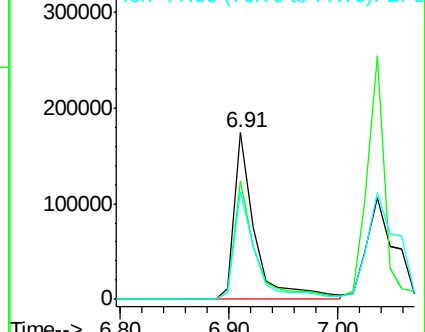
77 64.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.86 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

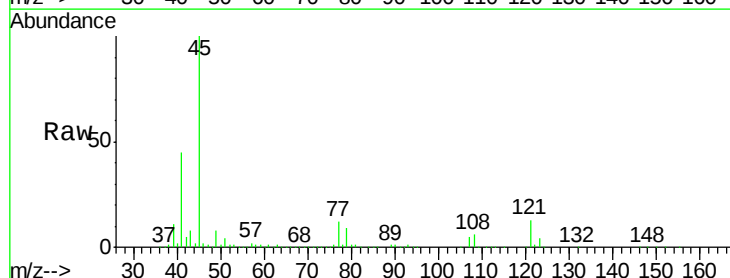
Tgt Ion: 45 Resp: 879732

Ion Ratio Lower Upper

45 100

77 11.8 0.0 36.4

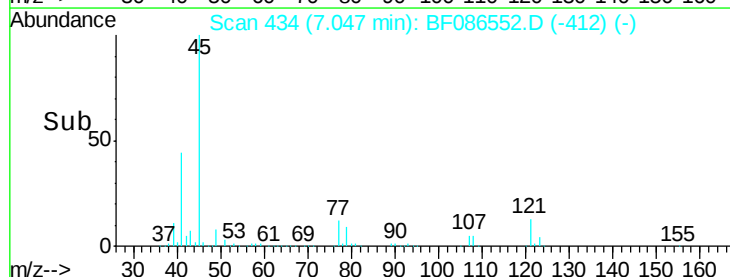
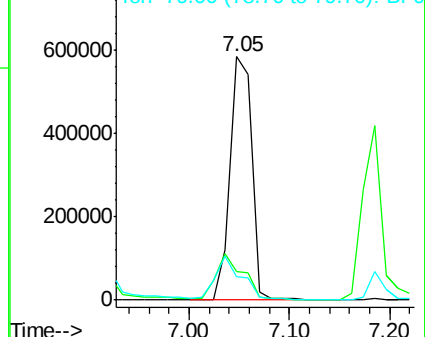
79 9.4 0.0 33.4

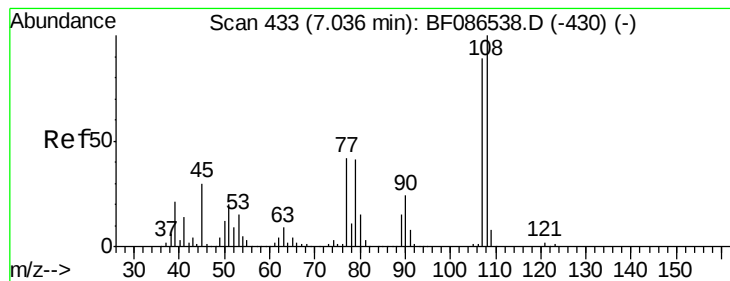


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.05 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

Tgt Ion:107 Resp: 251686

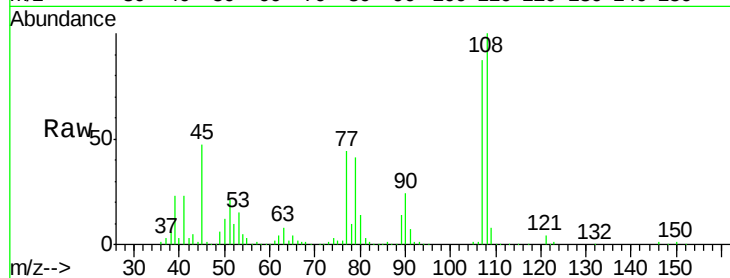
Ion Ratio Lower Upper

107 100

108 114.5 93.7 140.5

77 50.3 33.4 50.0#

79 47.5 34.3 51.5

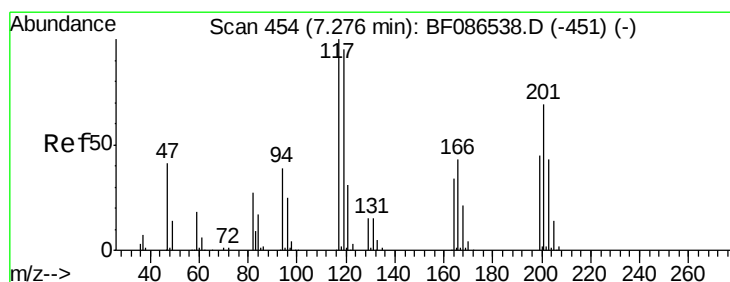
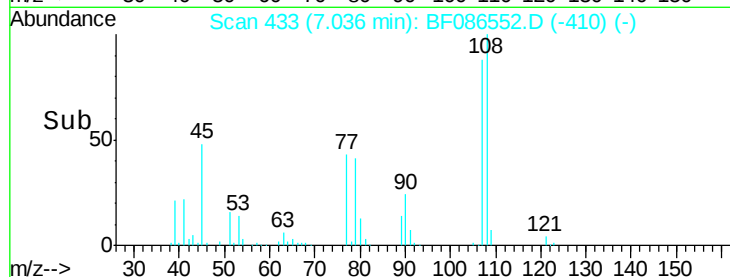
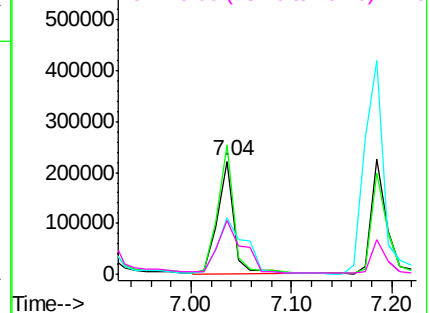


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.63 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

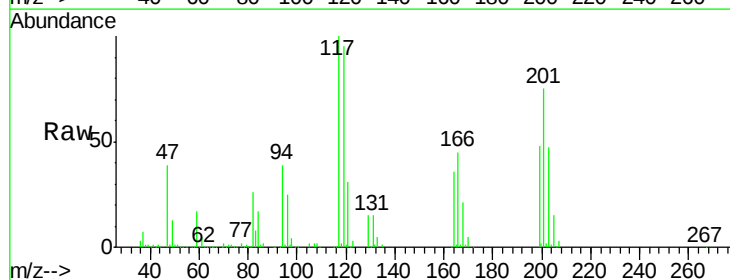
Tgt Ion:117 Resp: 143548

Ion Ratio Lower Upper

117 100

119 95.1 76.5 114.7

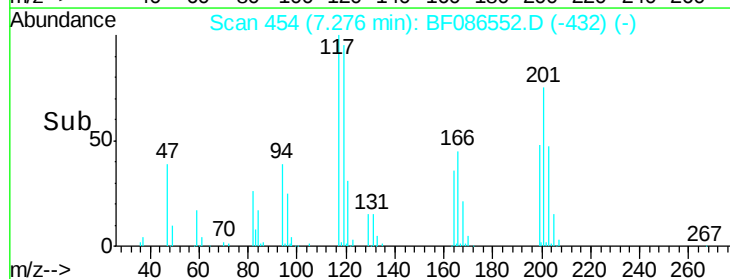
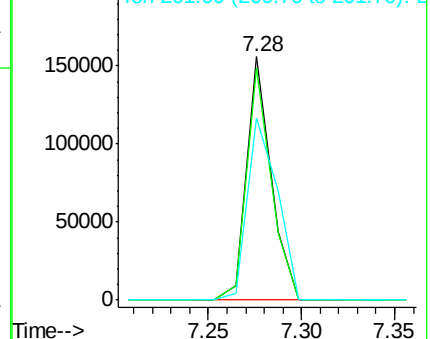
201 75.0 63.0 94.6

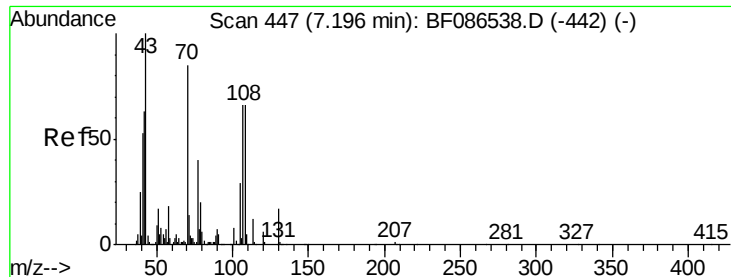


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

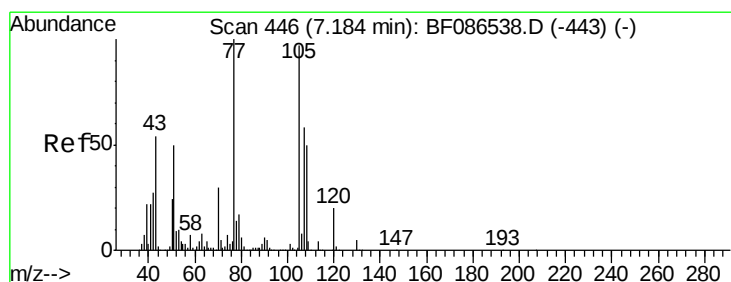
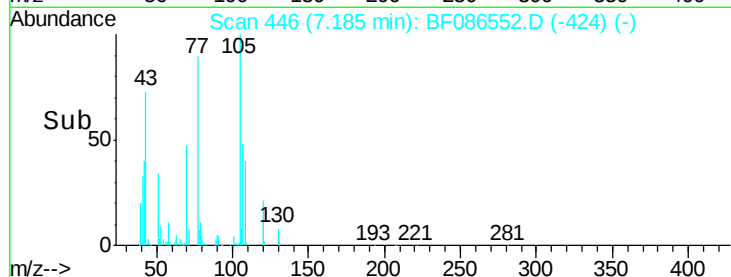
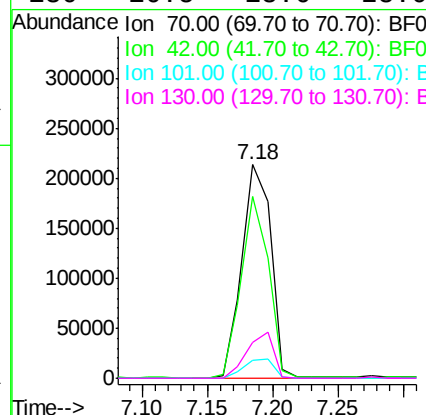
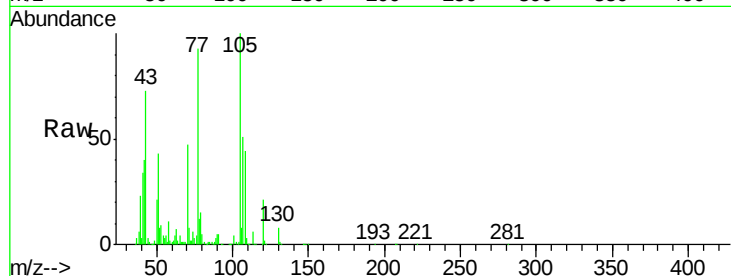




#19
n-Nitroso-di-n-propylamine
Concen: 46.08 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

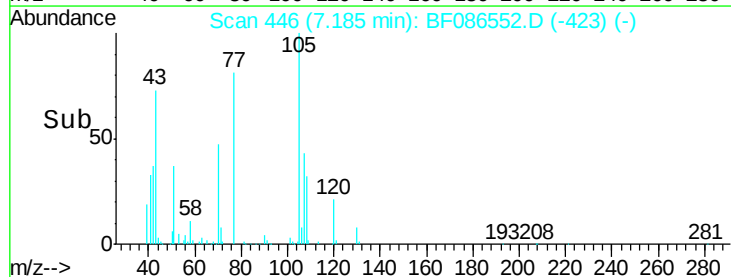
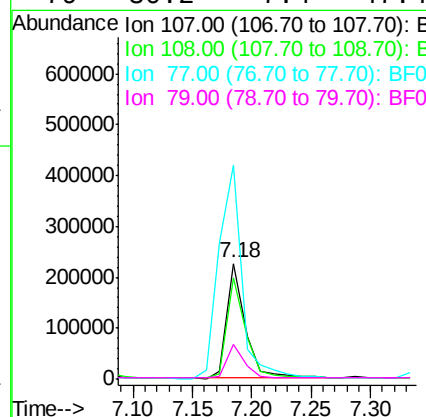
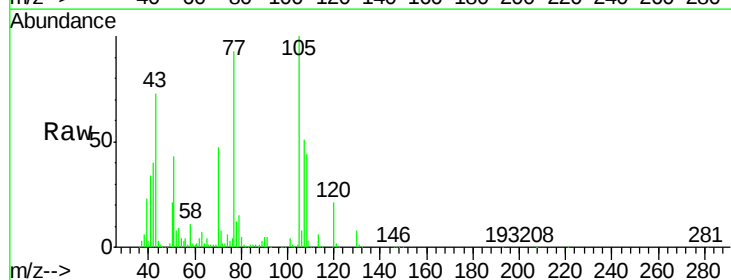
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

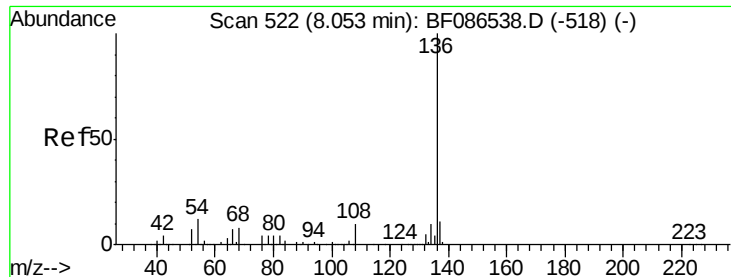
Tgt Ion: 70 Resp: 331589
Ion Ratio Lower Upper
70 100
42 85.1 43.1 64.7#
101 8.5 8.1 12.1
130 16.5 18.6 28.0#



#20
3+4-Methylphenols
Concen: 27.40 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion: 107 Resp: 245651
Ion Ratio Lower Upper
107 100
108 87.0 68.5 108.5
77 184.5 101.6 141.6#
79 30.2 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

Tgt Ion:136 Resp: 581494

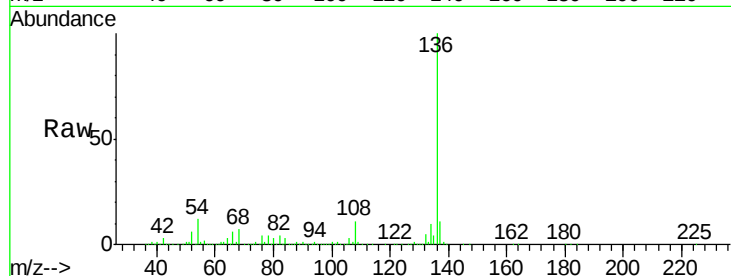
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.7 5.0 7.4#

68 7.0 4.4 6.6#

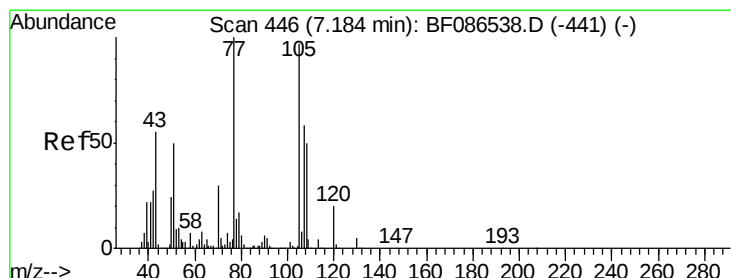
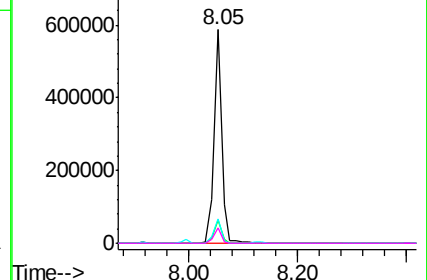
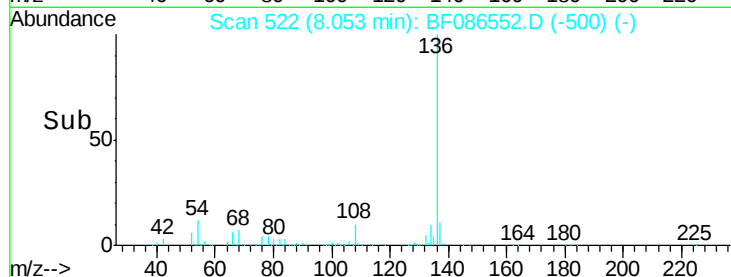


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.69 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Tgt Ion:105 Resp: 608043

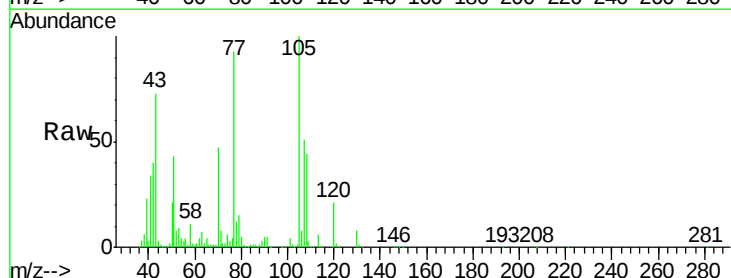
Ion Ratio Lower Upper

105 100

71 7.9 4.8 7.2#

51 43.3 32.6 49.0

120 21.0 16.5 24.7

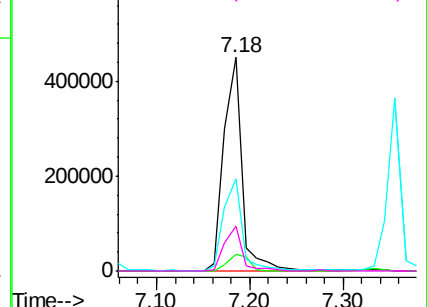
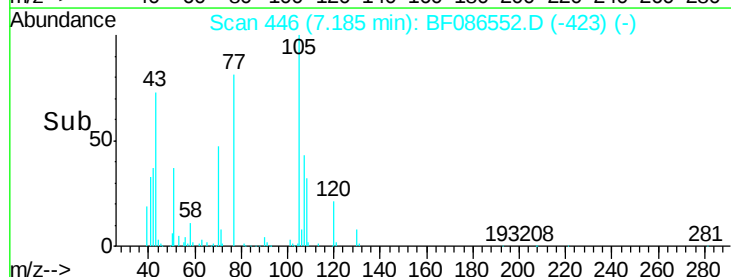


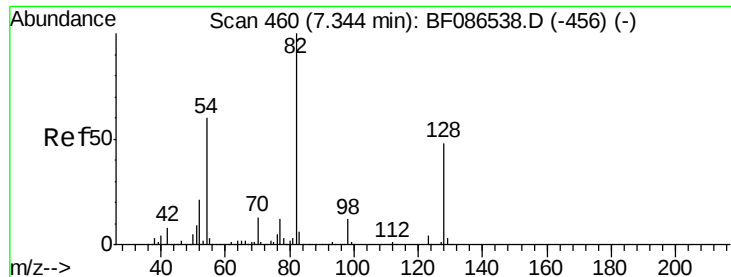
Abundance Ion 105.00 (104.70 to 105.70): E

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

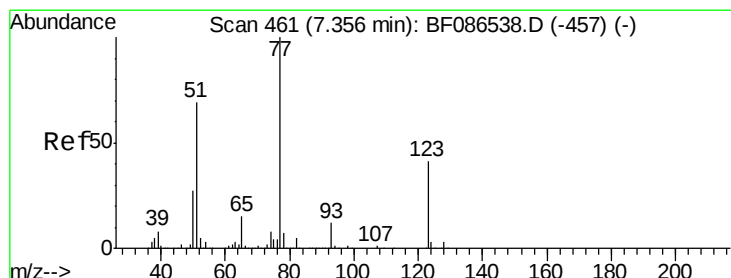
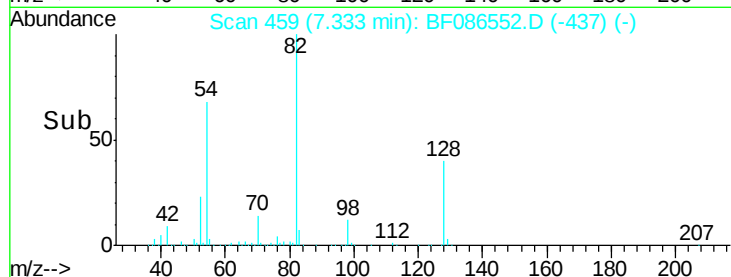
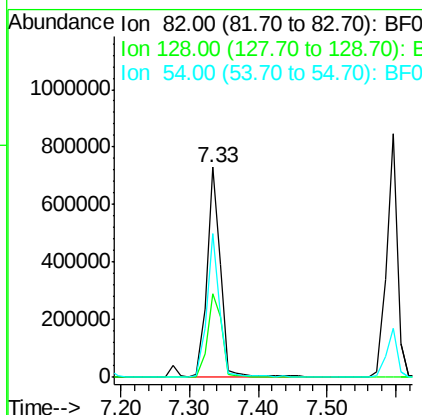
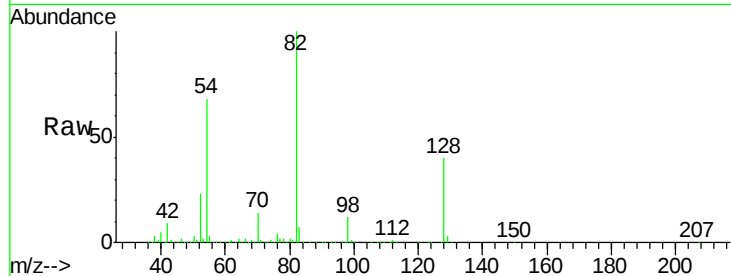




#23
 Nitrobenzene-d5
 Concen: 93.48 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

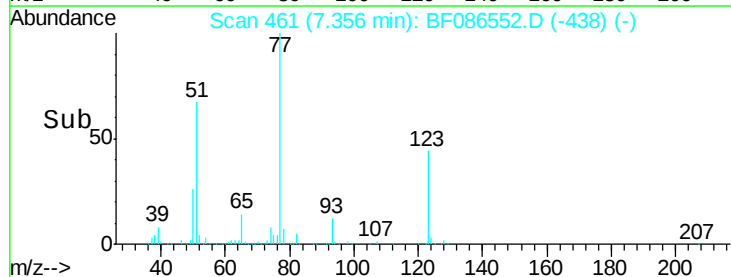
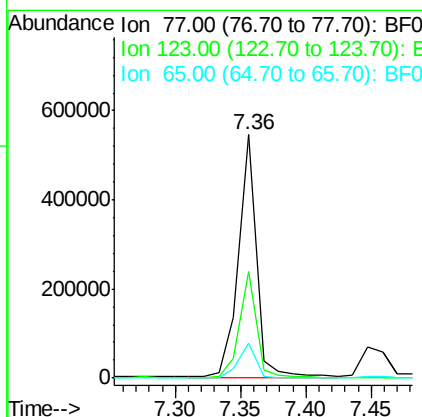
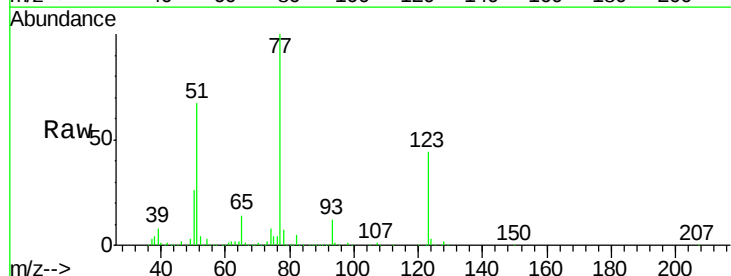
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

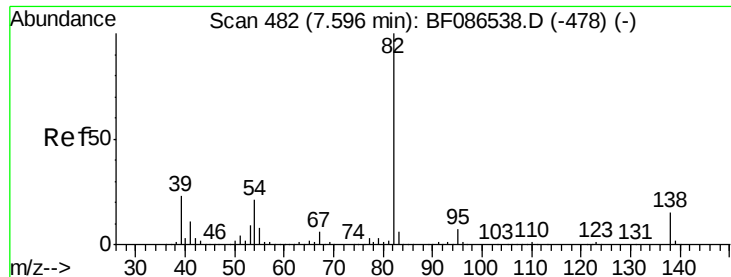
Tgt Ion: 82 Resp: 1008485
 Ion Ratio Lower Upper
 82 100
 128 39.9 40.6 61.0#
 54 68.4 38.1 57.1#



#24
 Nitrobenzene
 Concen: 46.98 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion: 77 Resp: 521306
 Ion Ratio Lower Upper
 77 100
 123 43.7 33.0 49.4
 65 14.4 10.8 16.2





#25

Isophorone

Concen: 43.64 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

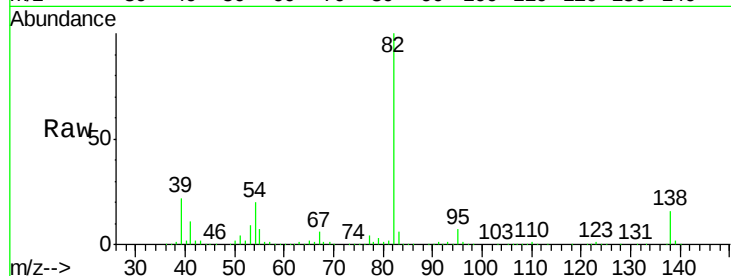
Tgt Ion: 82 Resp: 906076

Ion Ratio Lower Upper

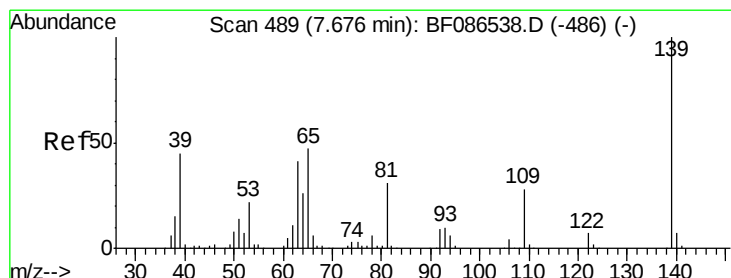
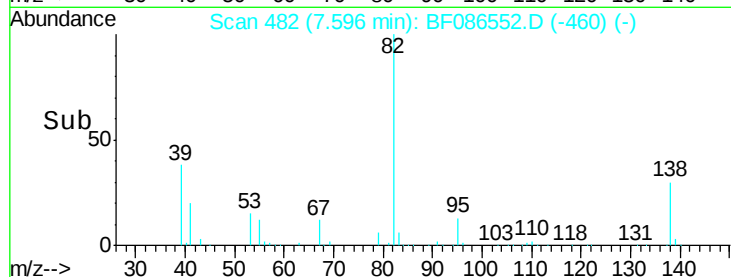
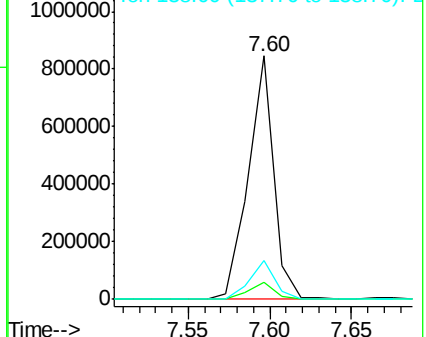
82 100

95 7.2 5.1 7.7

138 16.2 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.74 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

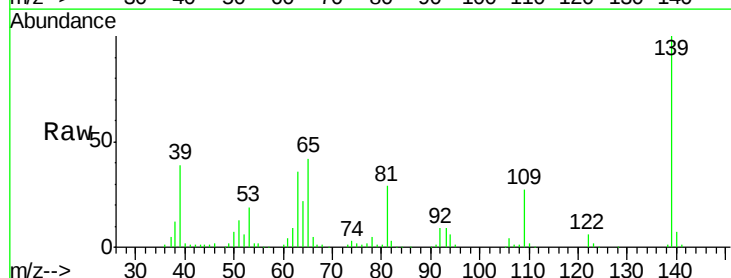
Tgt Ion: 139 Resp: 218392

Ion Ratio Lower Upper

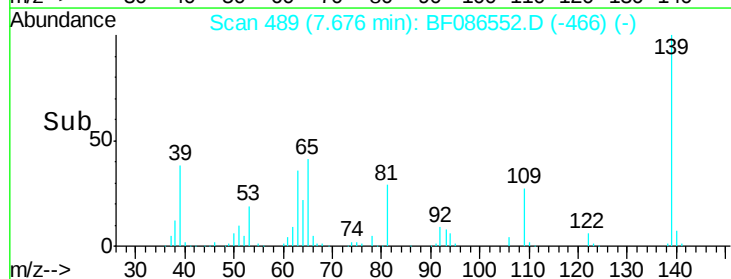
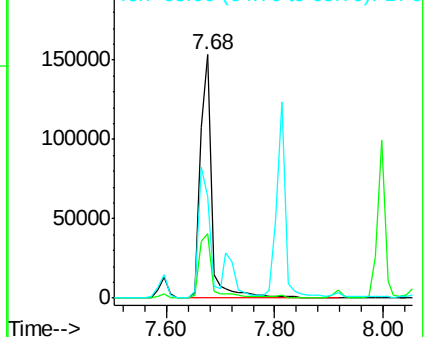
139 100

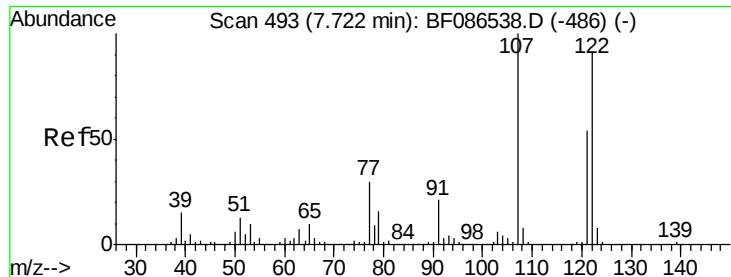
109 26.6 19.5 29.3

65 41.7 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: 38.17 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

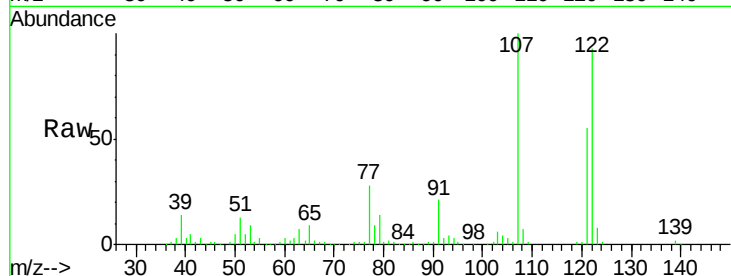
Tgt Ion:122 Resp: 342211

Ion Ratio Lower Upper

122 100

107 107.2 82.0 123.0

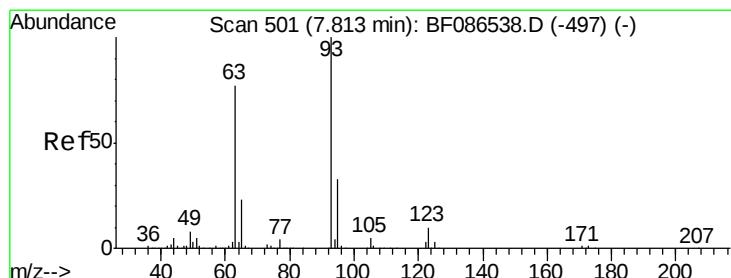
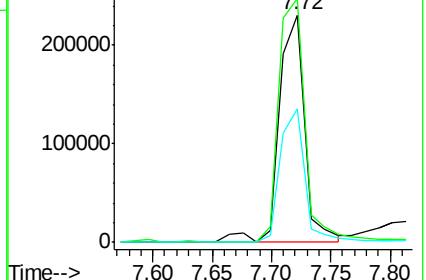
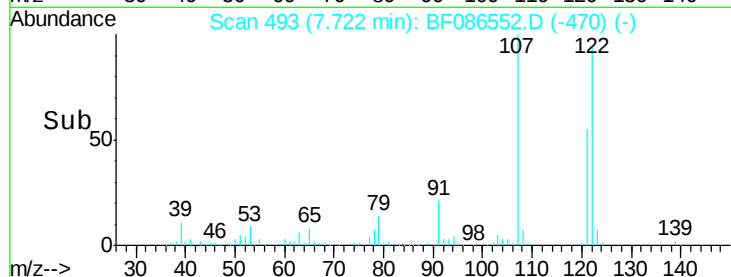
121 58.9 46.1 69.1



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: 49.64 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

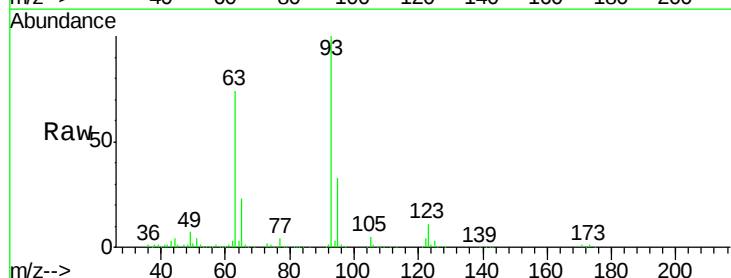
Tgt Ion: 93 Resp: 561506

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

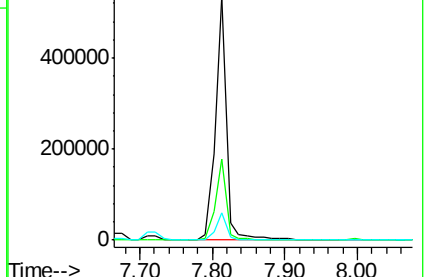
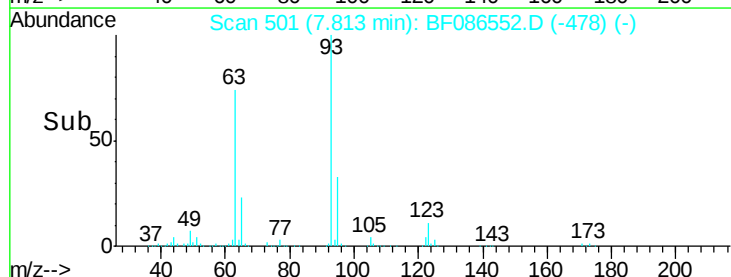
123 11.0 9.5 14.3

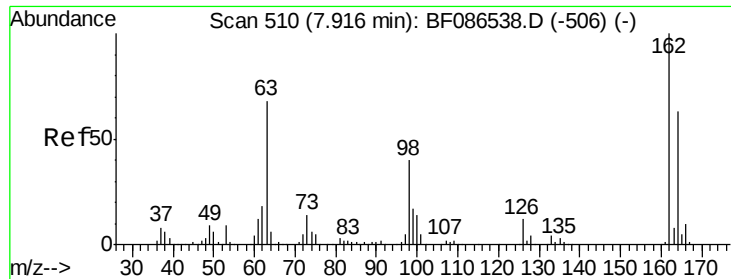


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

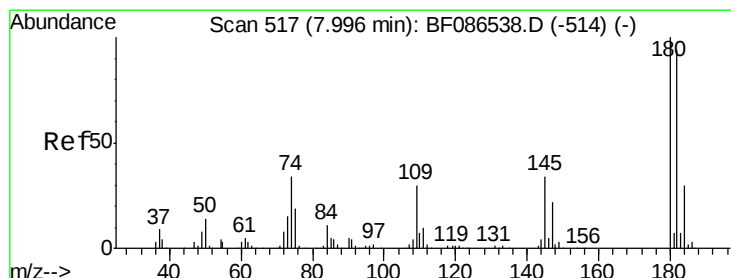
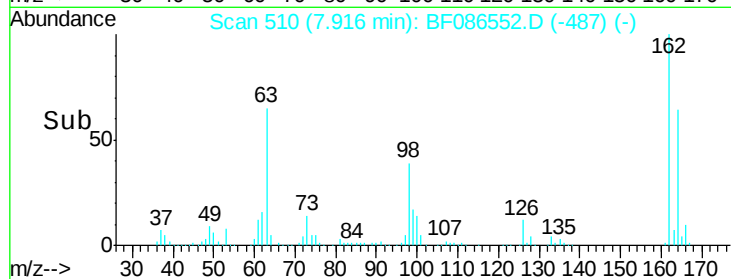
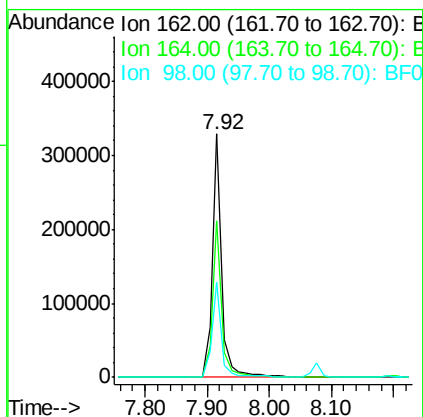
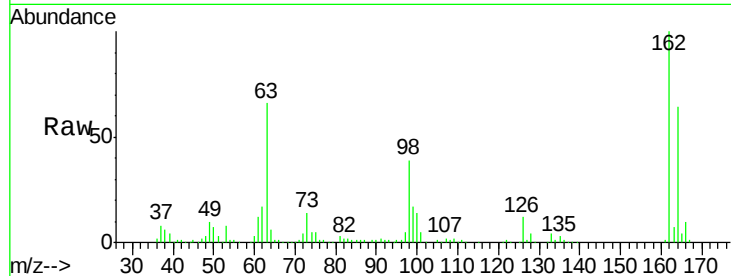




#29
2,4-Dichlorophenol
Concen: 45.16 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

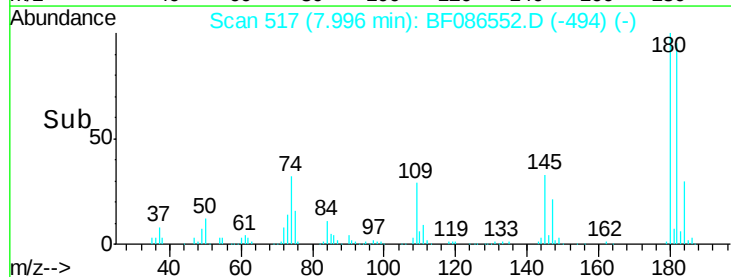
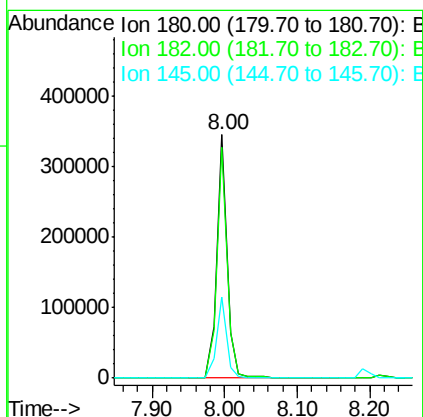
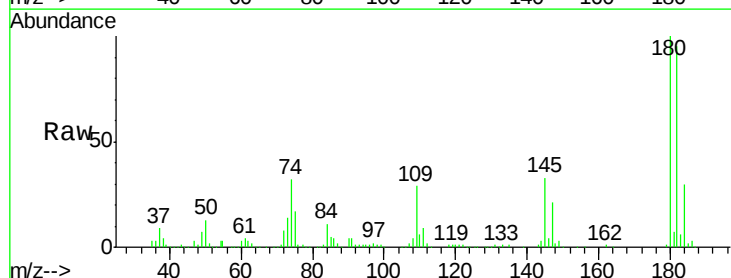
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

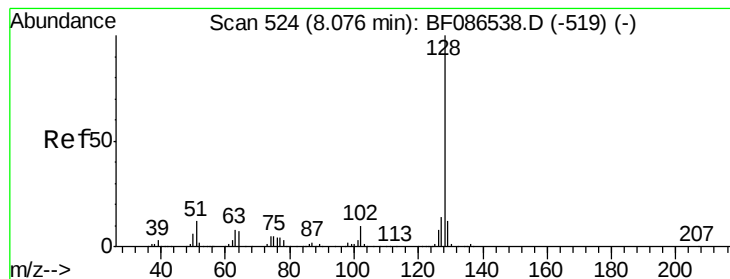
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.2	82.2
98	39.0	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 39.18 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.0	117.0
145	33.1	24.2	36.2





#31

Naphthalene

Concen: 42.06 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

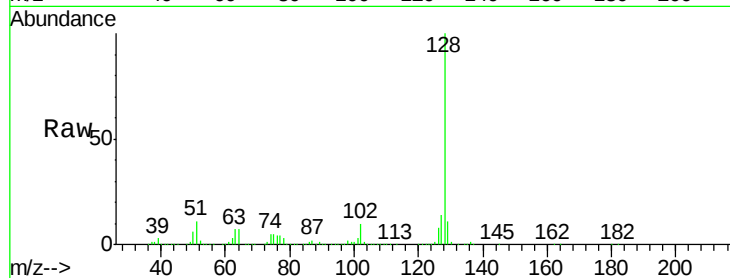
Tgt Ion:128 Resp: 1244392

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

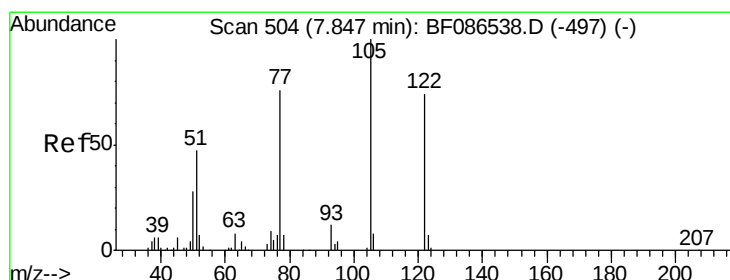
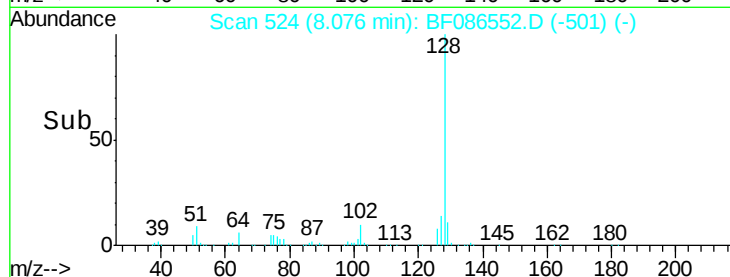
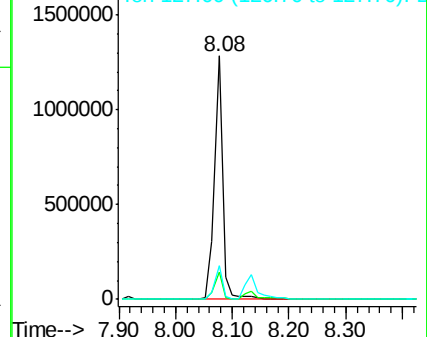
127 13.6 10.8 16.2



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: 18.78 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.08 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

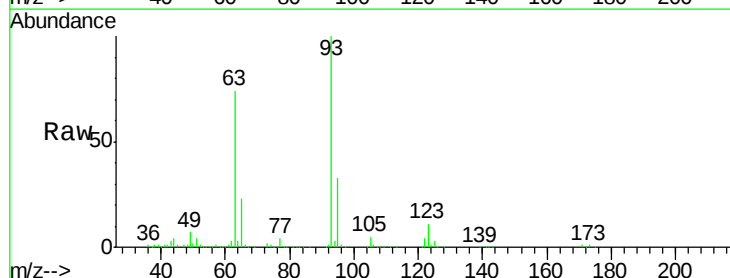
Tgt Ion:122 Resp: 66410

Ion Ratio Lower Upper

122 100

105 111.0 92.6 132.6

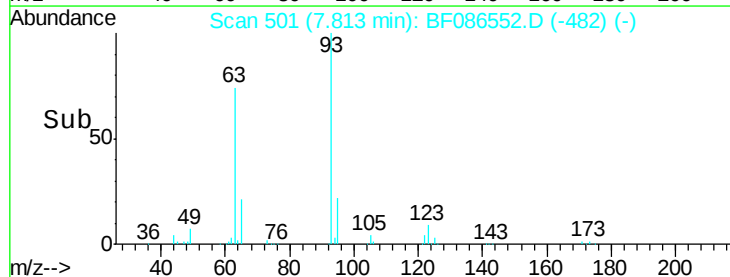
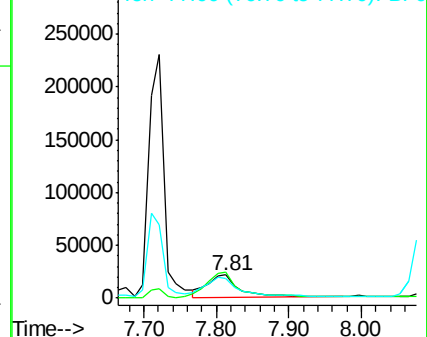
77 87.2 60.0 100.0

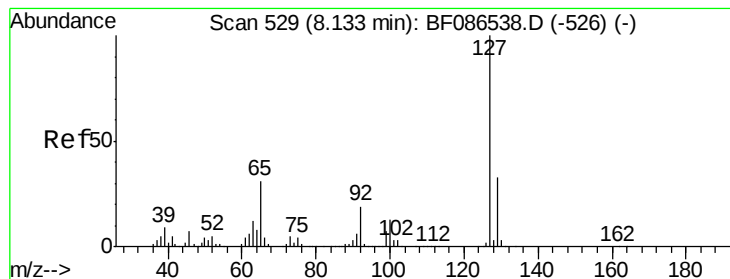


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.07 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

Tgt Ion:127 Resp: 222439

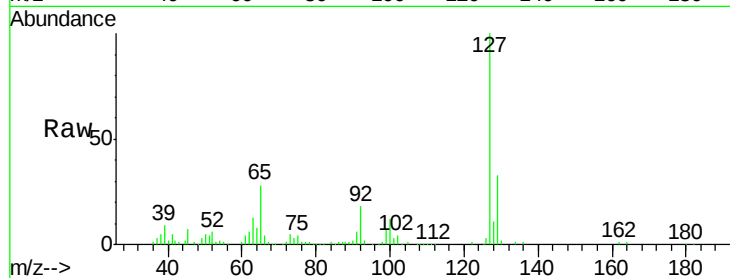
Ion Ratio Lower Upper

127 100

129 32.7 26.2 39.4

65 28.3 23.0 34.4

92 17.6 15.1 22.7

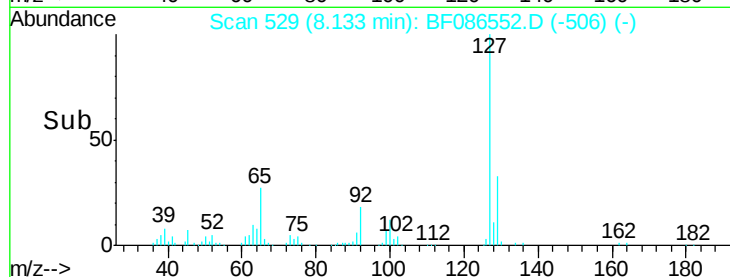


Abundance Ion 127.00 (126.70 to 127.70): E

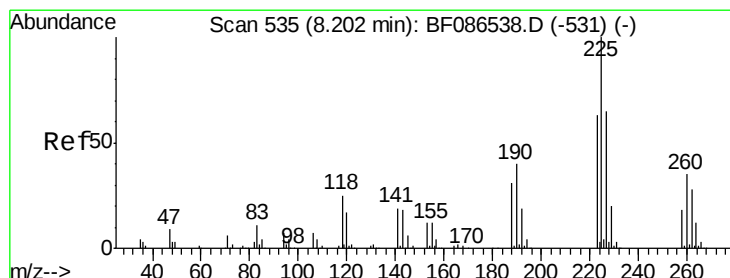
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 35.17 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

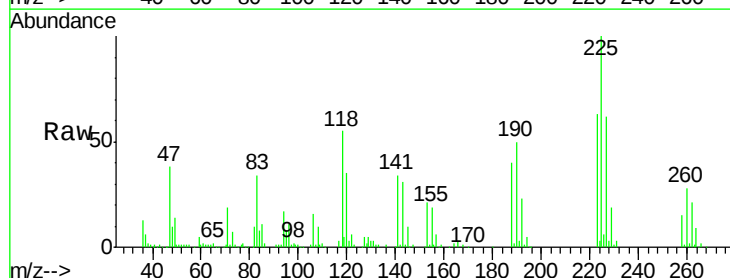
Tgt Ion:225 Resp: 173031

Ion Ratio Lower Upper

225 100

223 63.5 51.5 77.3

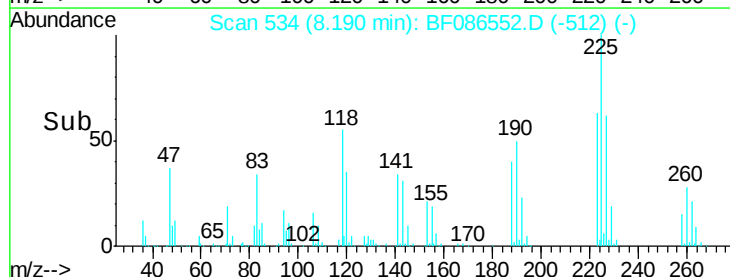
227 61.6 52.2 78.2



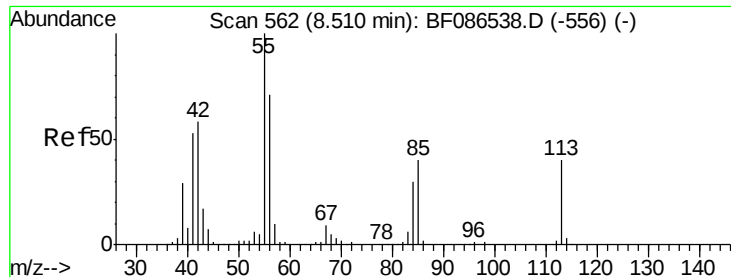
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



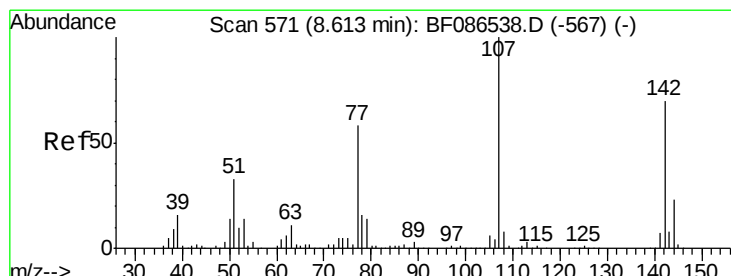
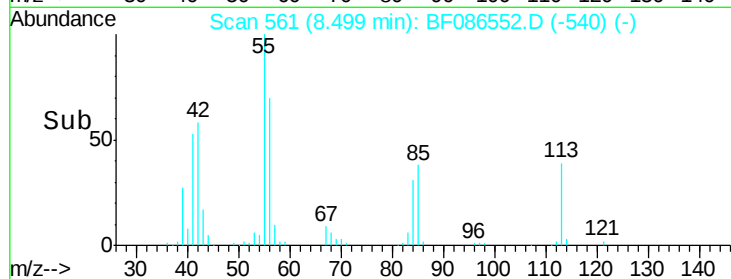
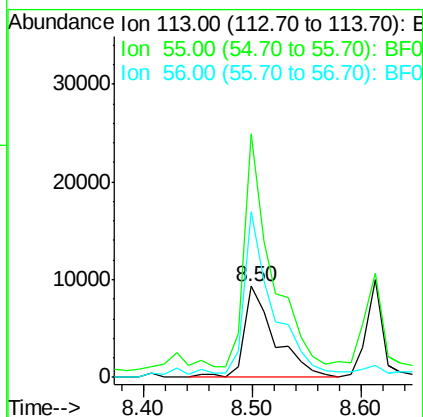
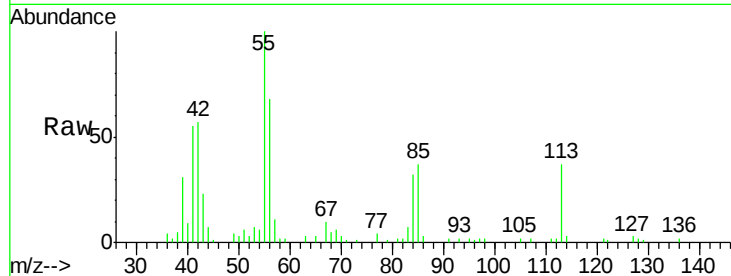
Time-->



#35
 Caprolactam
 Concen: 7.26 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.06 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

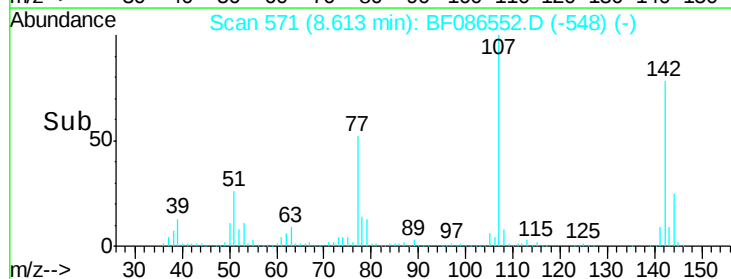
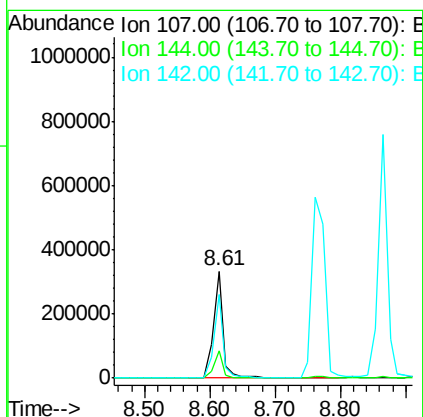
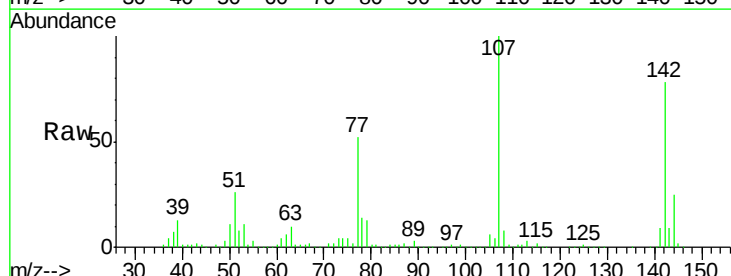
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

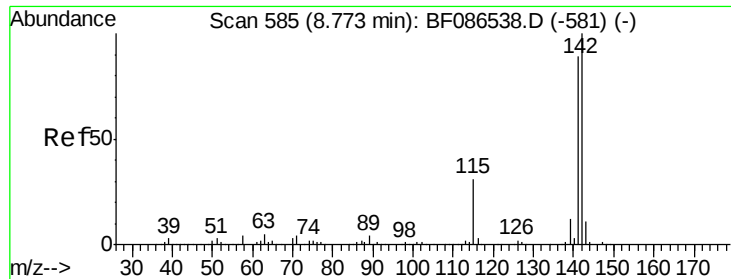
Tgt Ion:113 Resp: 18310
 Ion Ratio Lower Upper
 113 100
 55 266.8 162.0 202.0#
 56 181.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 41.70 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion:107 Resp: 361172
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.7 31.1
 142 77.8 63.2 94.8

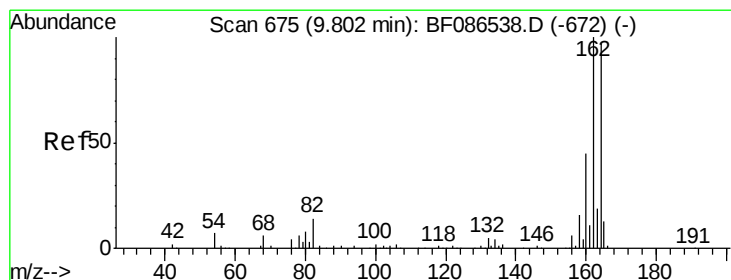
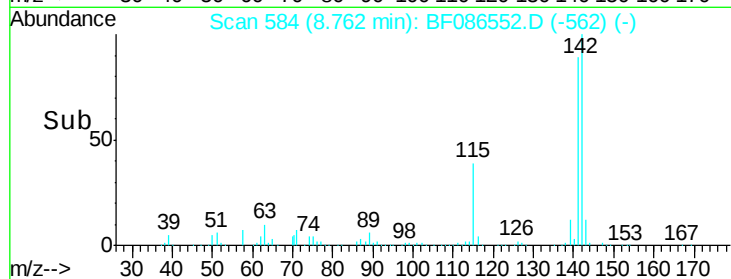
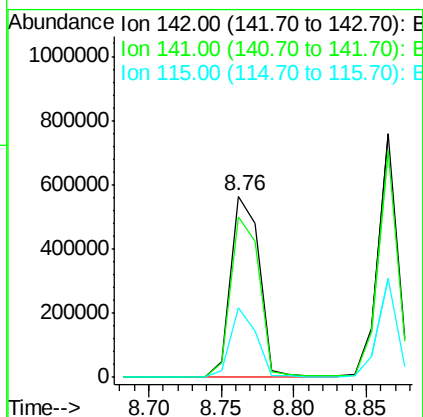
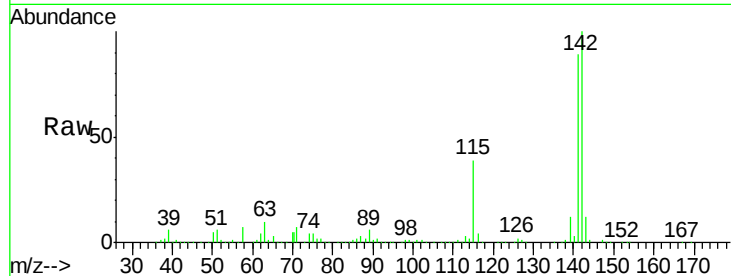




#37
2-Methylnaphthalene
Concen: 44.69 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

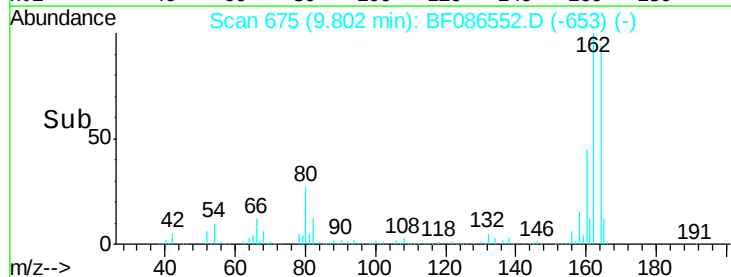
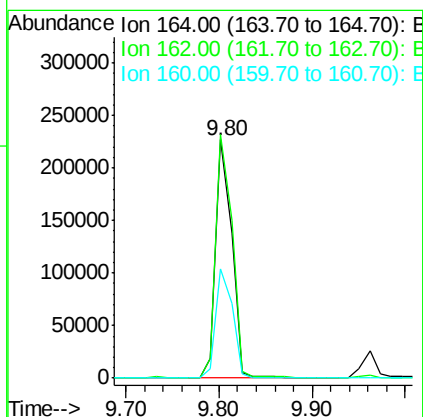
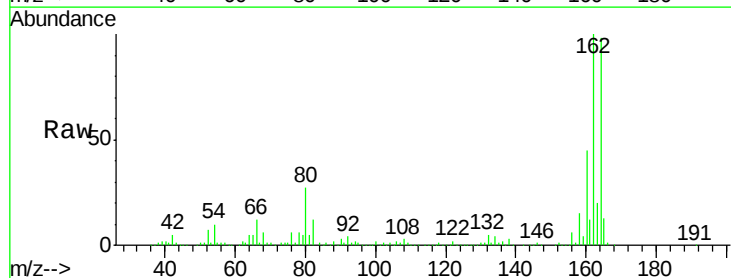
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

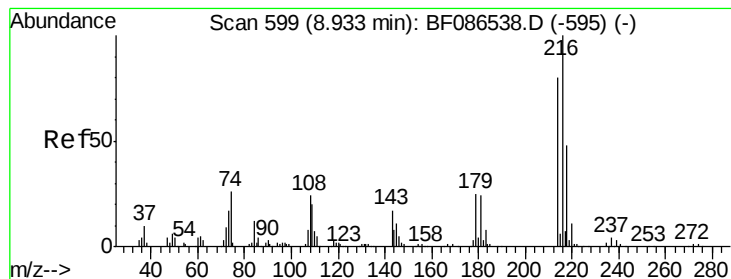
Tgt Ion:142 Resp: 780331
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 38.7 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion:164 Resp: 273144
Ion Ratio Lower Upper
164 100
162 102.3 82.8 124.2
160 45.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.88 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

Tgt Ion:216 Resp: 327434

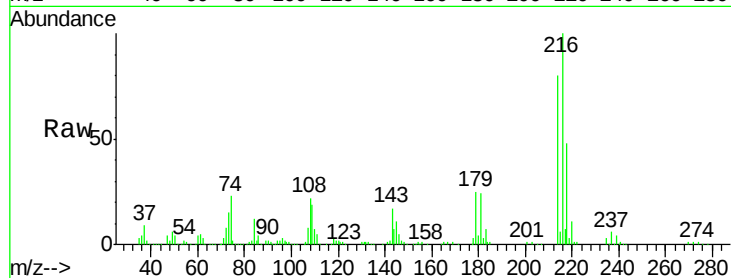
Ion Ratio Lower Upper

216 100

214 79.5 62.6 93.8

179 24.1 18.2 27.4

108 25.2 17.5 26.3

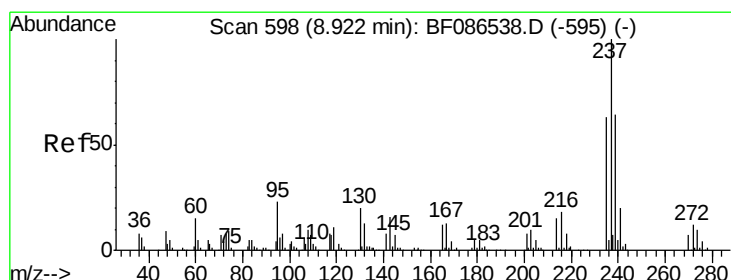
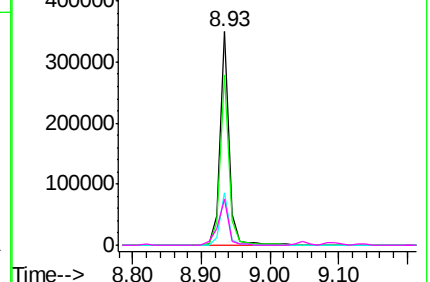
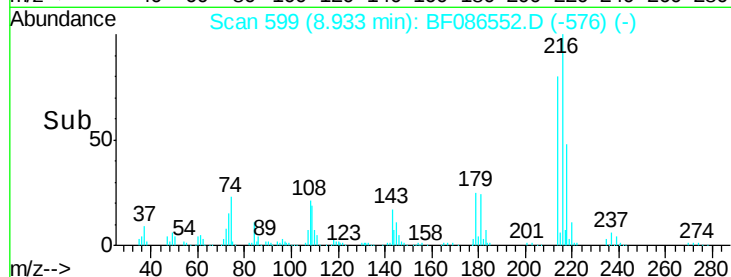


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.06 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

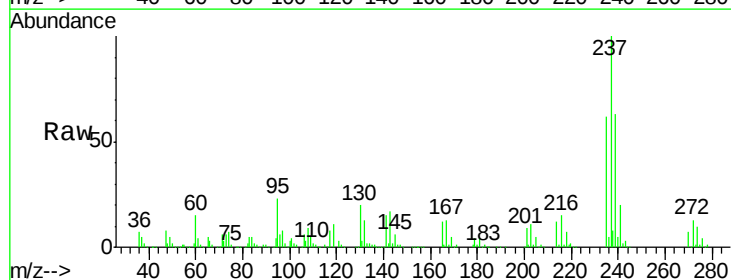
Tgt Ion:237 Resp: 276098

Ion Ratio Lower Upper

237 100

235 62.5 47.2 87.2

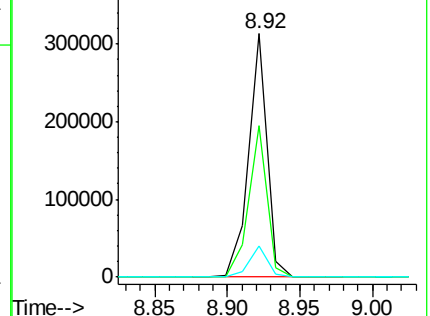
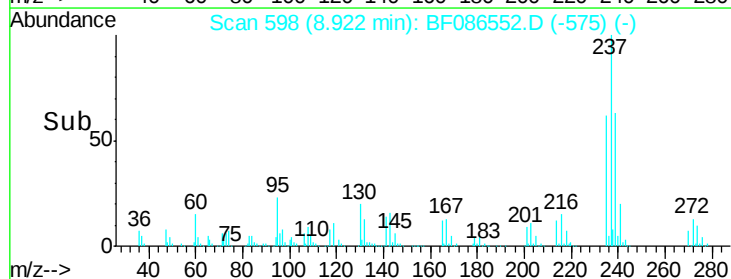
272 12.7 0.0 31.1

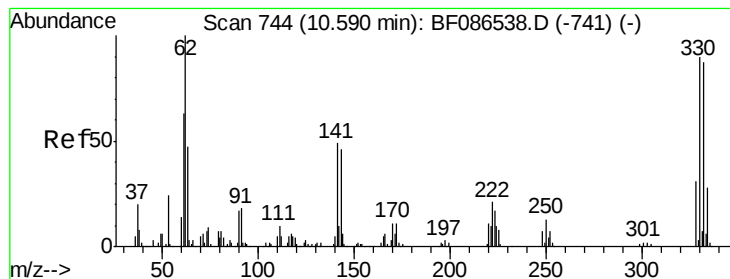


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 148.68 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

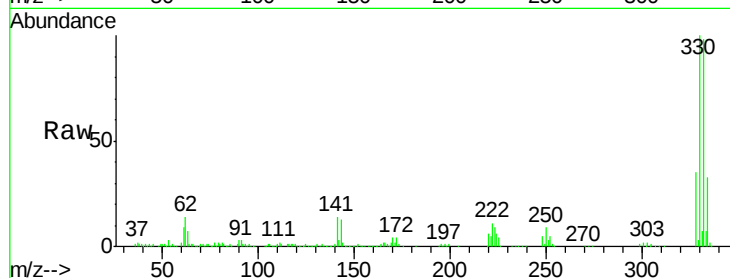
Tgt Ion:330 Resp: 428274

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

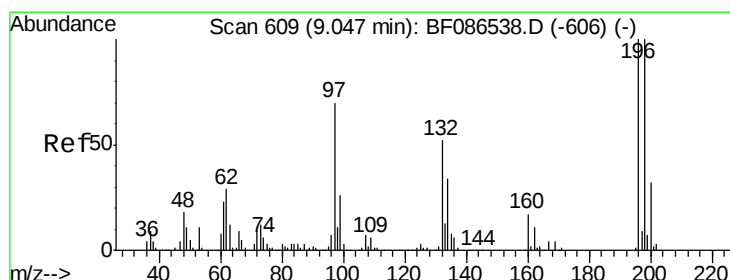
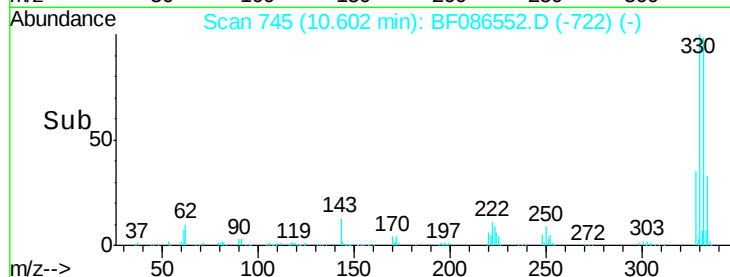
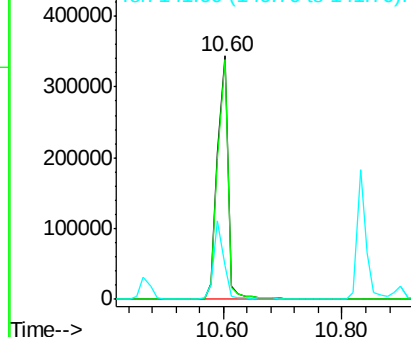
141 29.7 31.2 46.8#



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: 48.03 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

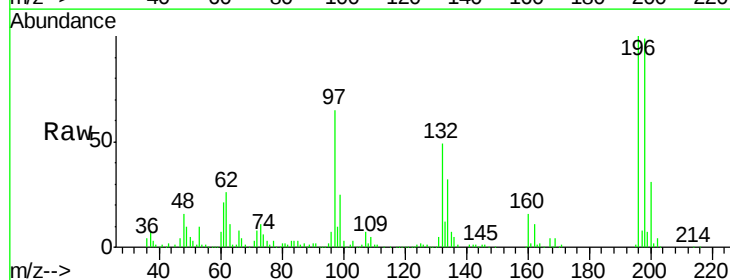
Tgt Ion:196 Resp: 237385

Ion Ratio Lower Upper

196 100

198 99.1 74.7 112.1

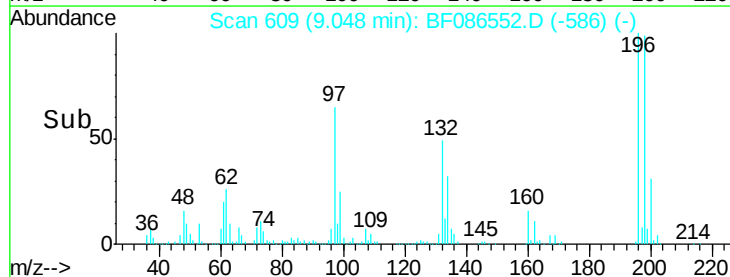
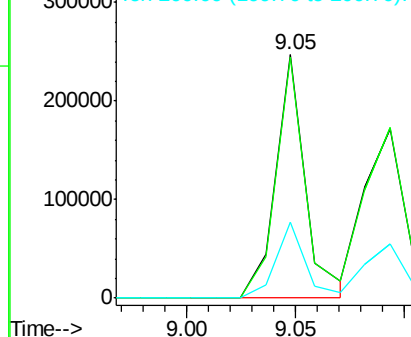
200 31.0 23.8 35.6

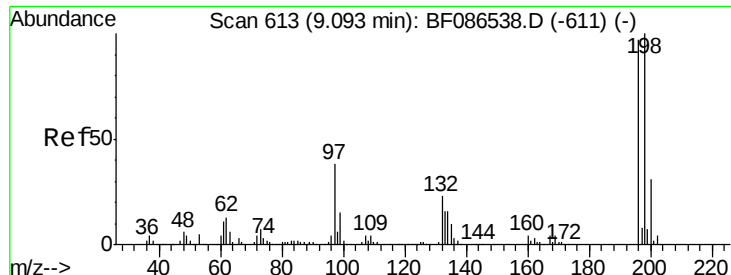


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

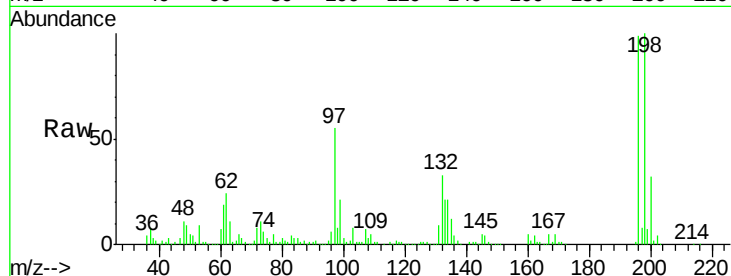




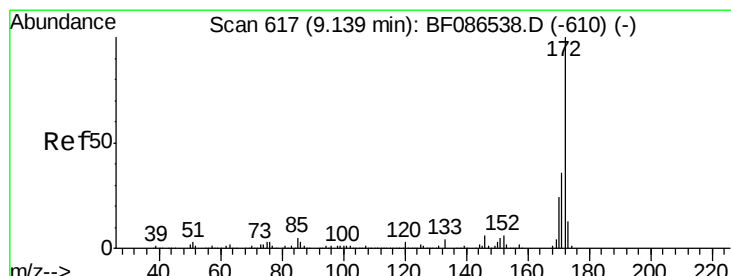
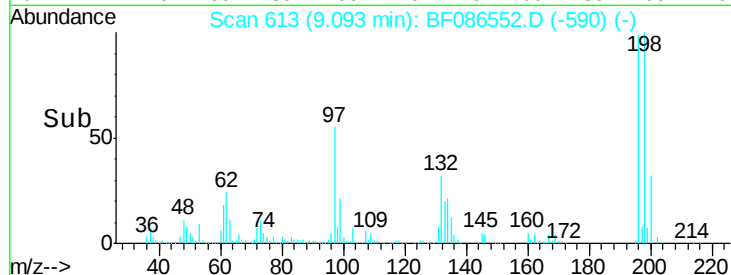
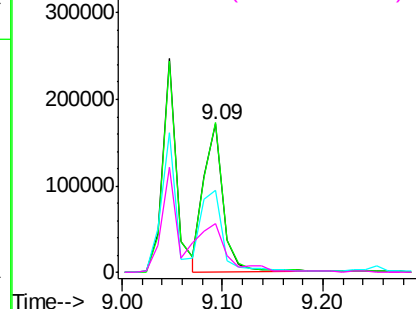
#43
 2,4,5-Trichlorophenol
 Concen: 43.30 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

Tgt Ion:196 Resp: 233251
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.5 116.3
 97 55.7 34.8 52.2#
 132 33.0 23.0 34.4

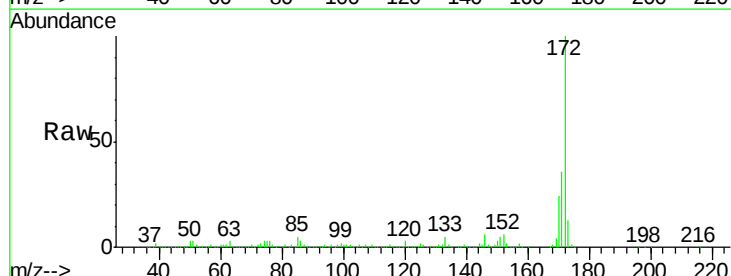


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

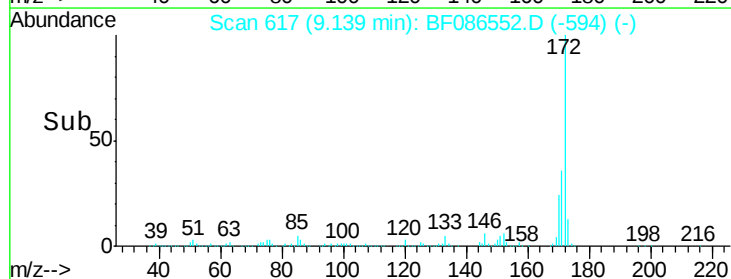
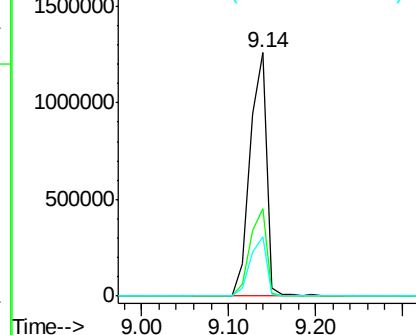


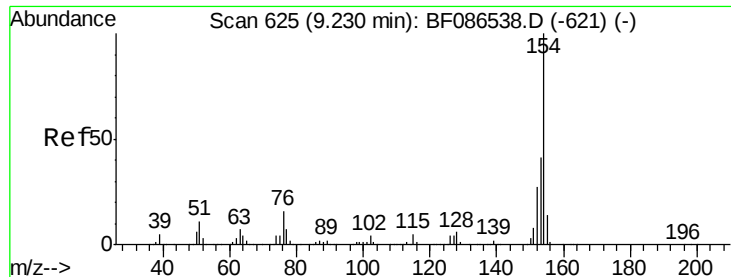
#44
 2-Fluorobiphenyl
 Concen: 115.96 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion:172 Resp: 1682093
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.2 19.8 29.8



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

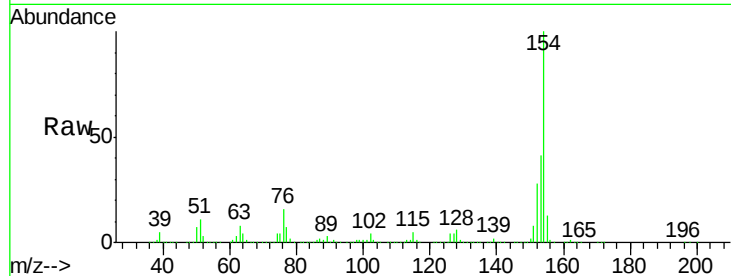




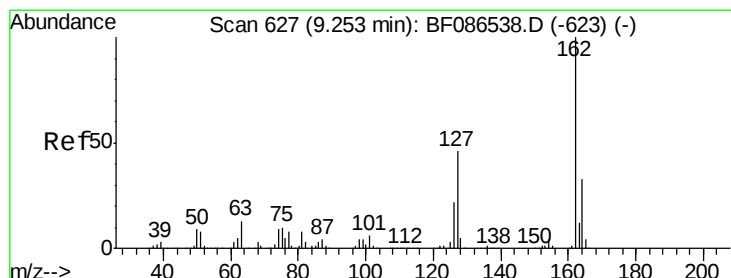
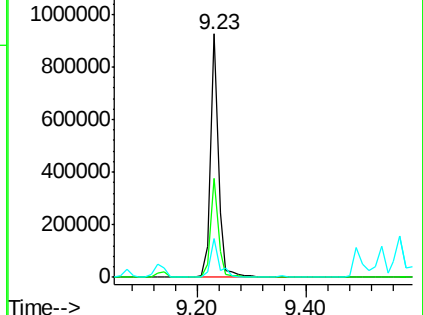
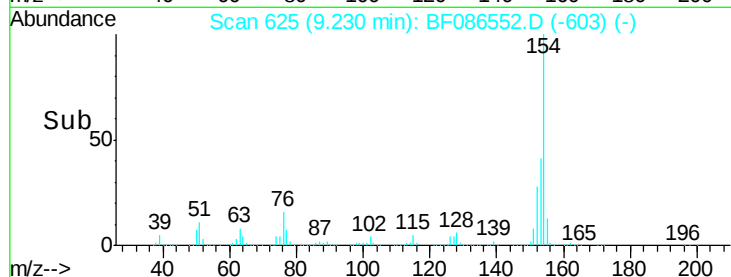
#45
 1,1'-Biphenyl
 Concen: 41.62 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

Tgt Ion:154 Resp: 950109
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.3 60.3
 76 15.9 0.0 30.2

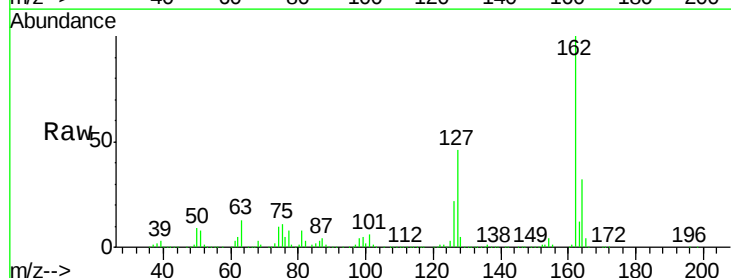


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

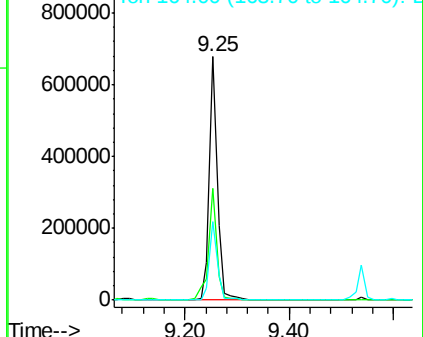
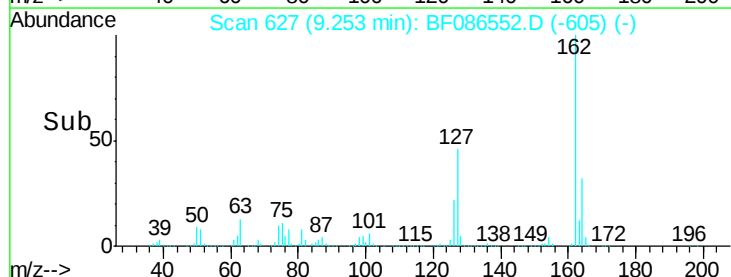


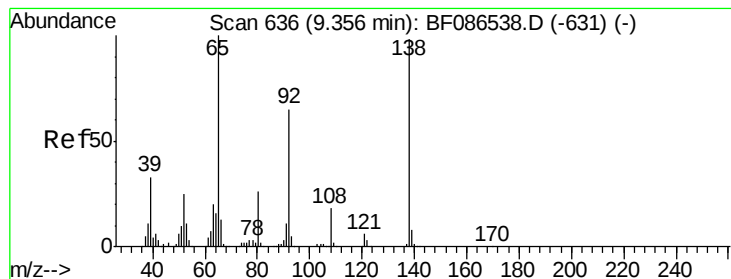
#46
 2-Chloronaphthalene
 Concen: 41.91 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion:162 Resp: 727538
 Ion Ratio Lower Upper
 162 100
 127 46.2 31.8 47.6
 164 32.2 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: 55.84 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

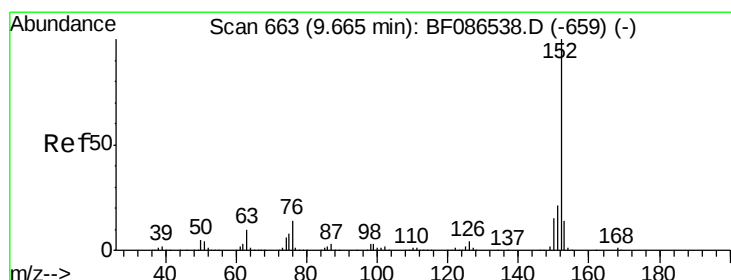
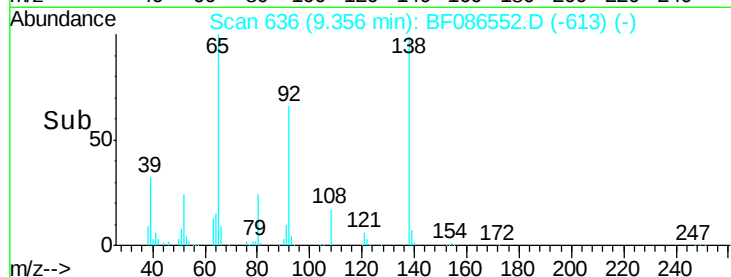
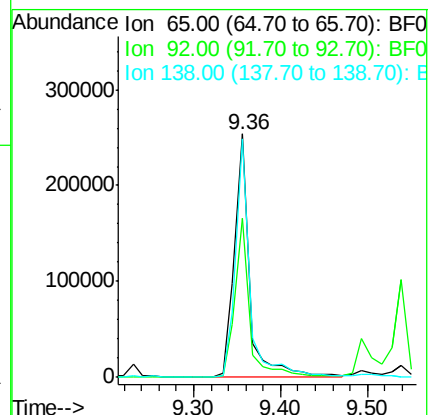
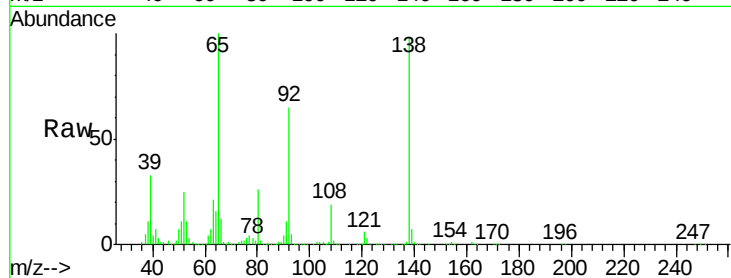
Tgt Ion: 65 Resp: 310836

Ion Ratio Lower Upper

65 100

92 65.3 57.4 86.2

138 98.1 90.1 135.1



#48

Acenaphthylene

Concen: 42.33 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

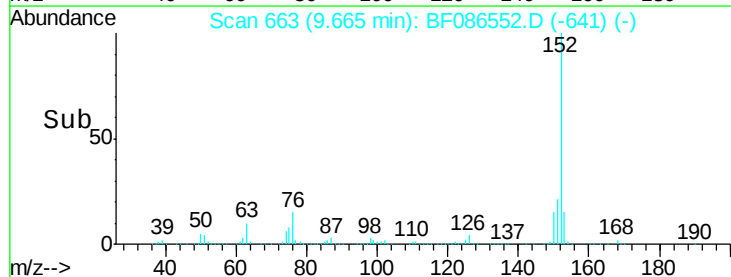
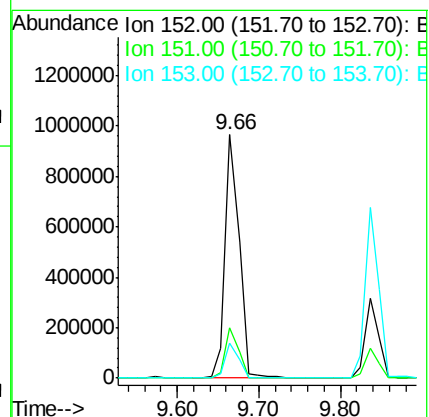
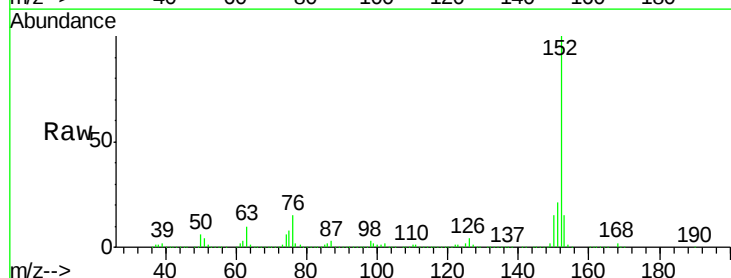
Tgt Ion: 152 Resp: 1148692

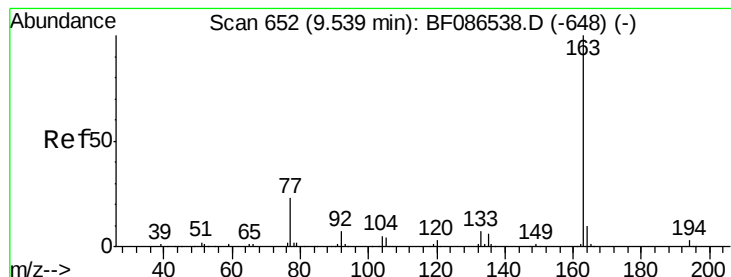
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 14.6 10.9 16.3





#49

Dimethylphthalate

Concen: 45.17 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

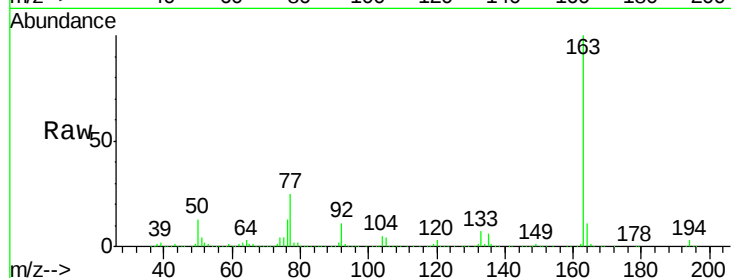
Tgt Ion:163 Resp: 928895

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

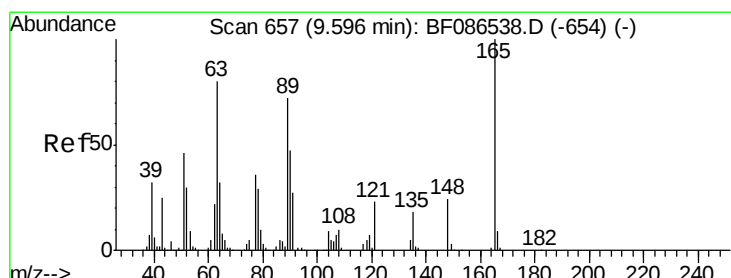
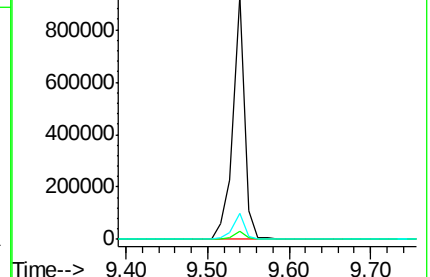
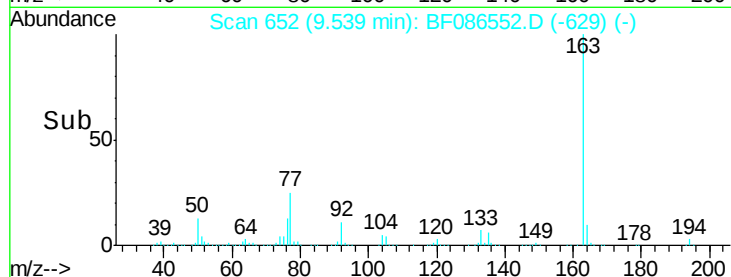
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.92 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

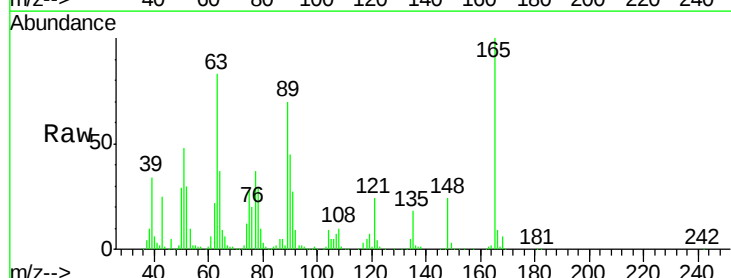
Tgt Ion:165 Resp: 195092

Ion Ratio Lower Upper

165 100

63 82.7 51.8 77.8#

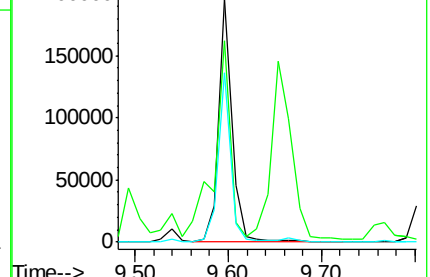
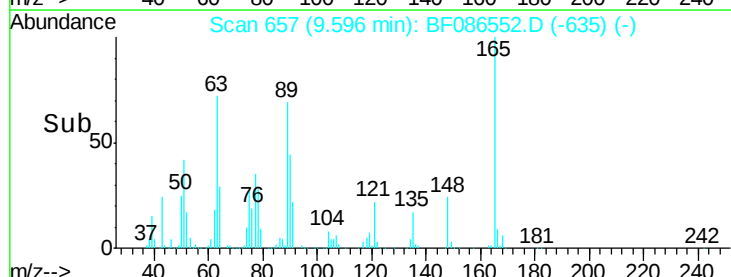
89 69.6 50.7 76.1

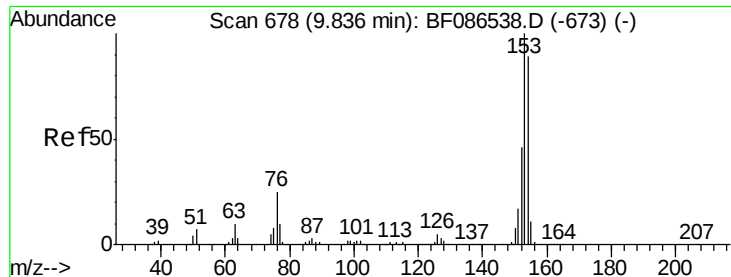


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.67 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

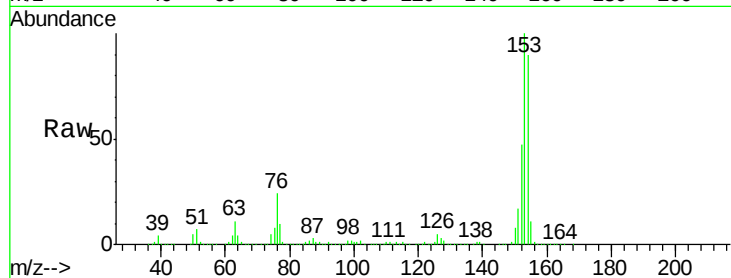
Tgt Ion:154 Resp: 830806

Ion Ratio Lower Upper

154 100

153 111.6 89.8 134.6

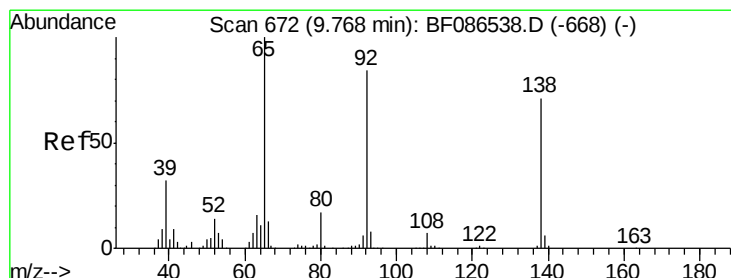
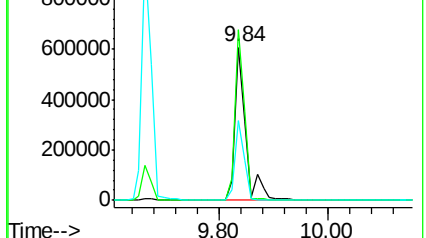
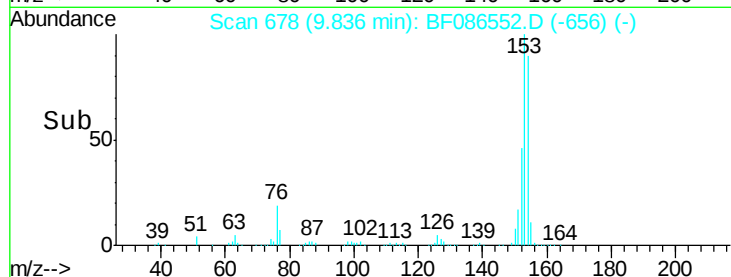
152 52.1 43.4 65.0



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: 24.30 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

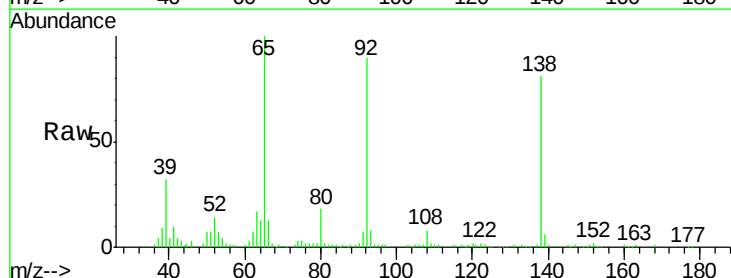
Tgt Ion:138 Resp: 117390

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

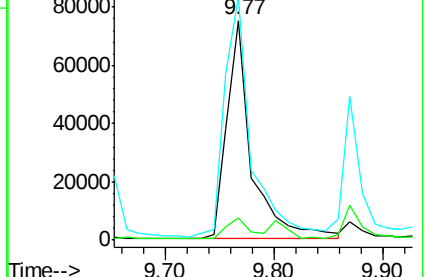
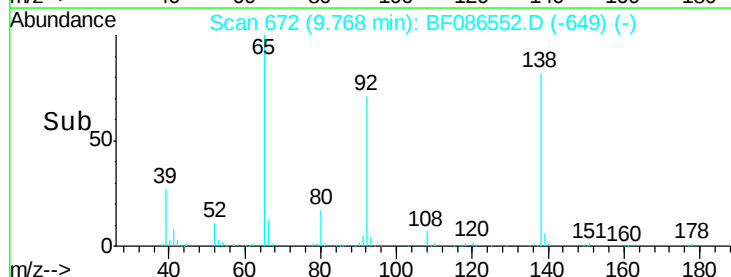
92 110.9 87.8 131.8

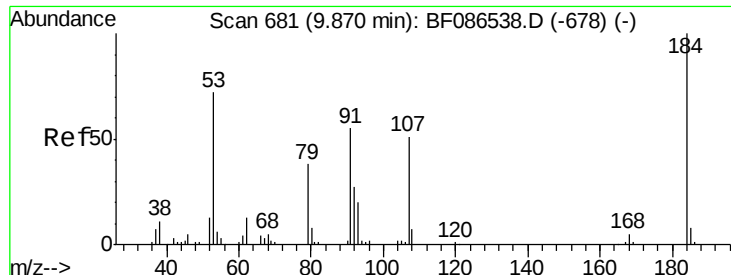


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

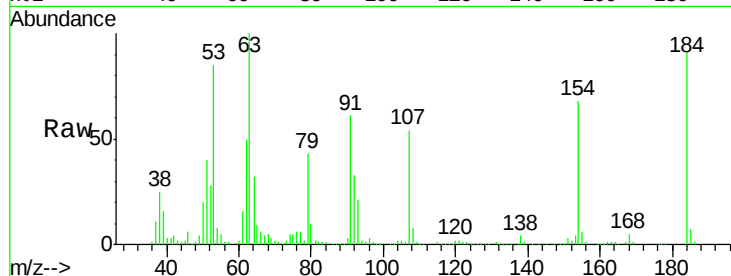




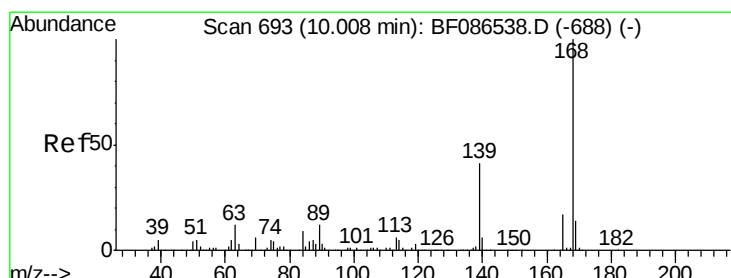
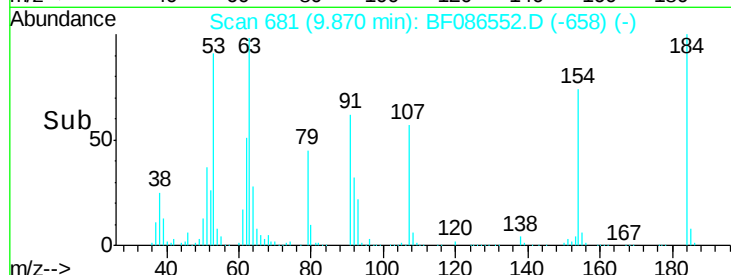
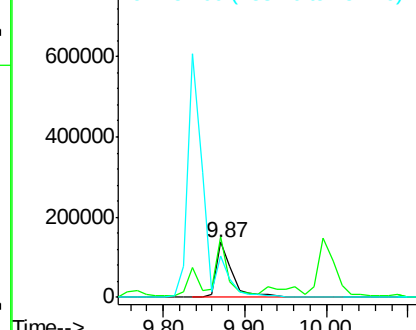
#53
2,4-Dinitrophenol
Concen: 81.71 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

Tgt Ion:184 Resp: 190227
Ion Ratio Lower Upper
184 100
63 109.8 55.8 83.8#
154 74.3 62.4 93.6

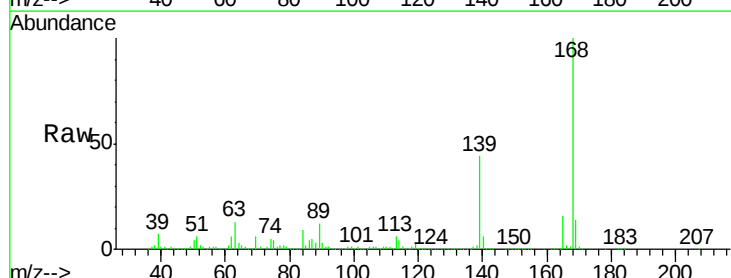


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

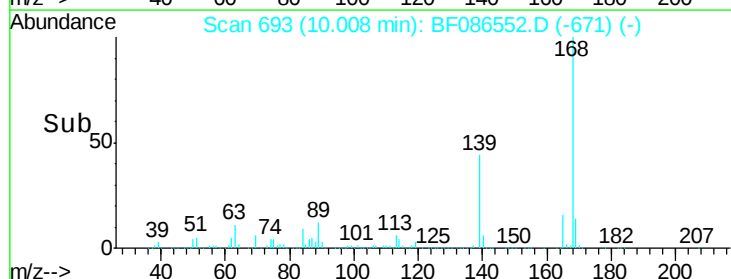
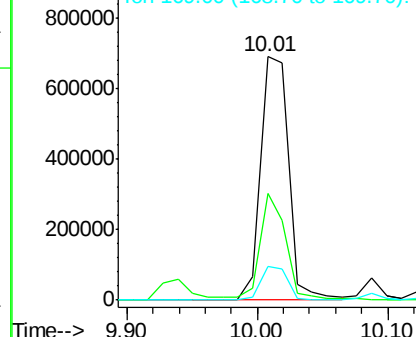


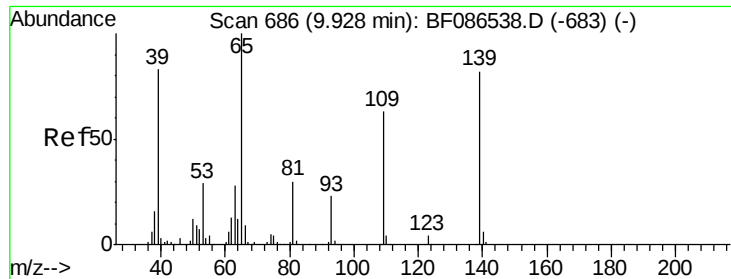
#54
Dibenzofuran
Concen: 47.58 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion:168 Resp: 1036461
Ion Ratio Lower Upper
168 100
139 43.9 31.4 47.0
169 14.0 10.7 16.1



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

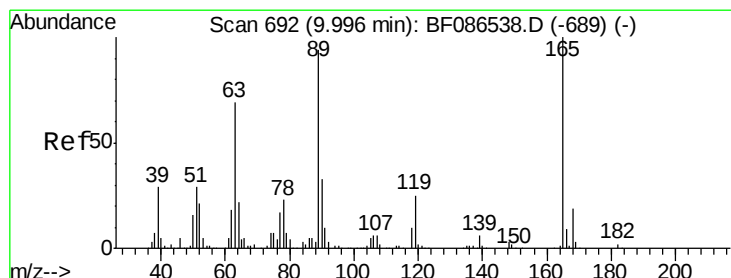
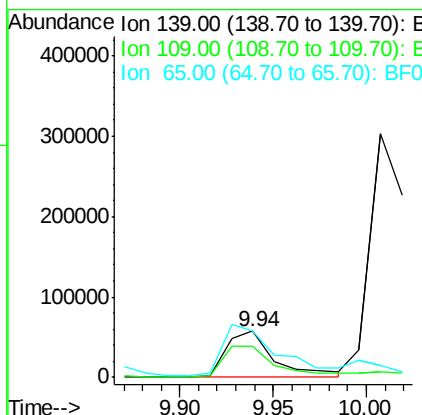
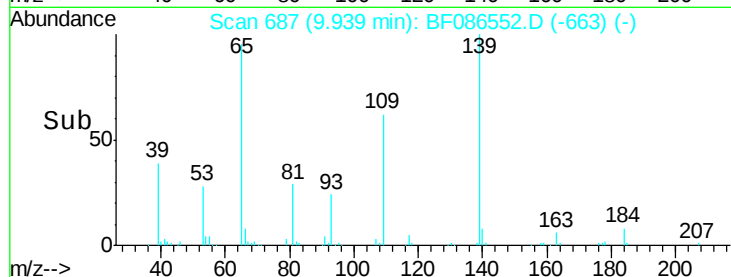
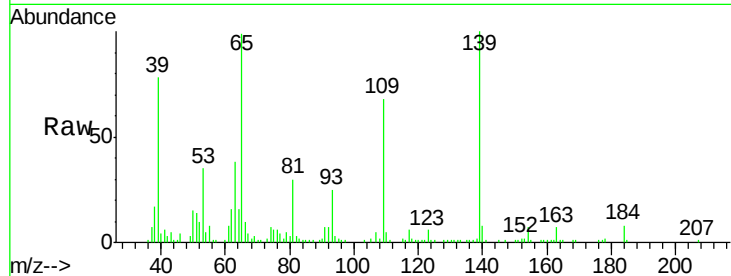




#55
4-Nitrophenol
Concen: 32.46 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

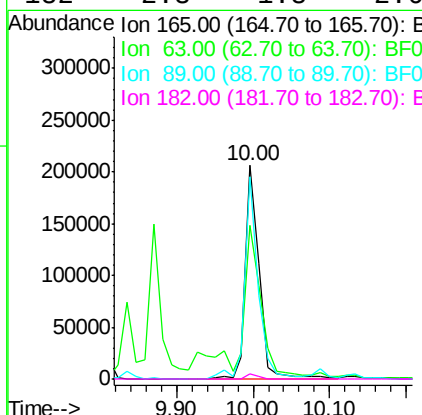
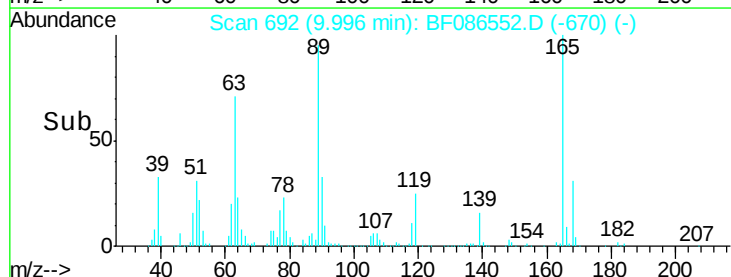
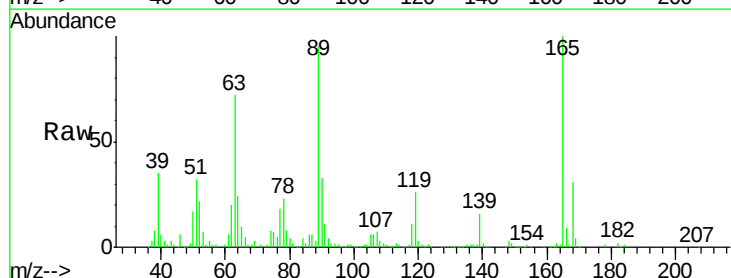
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

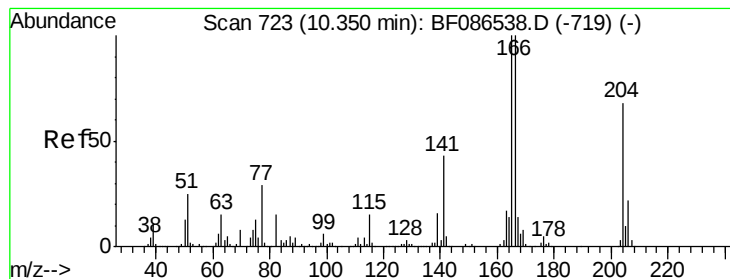
Tgt Ion:139 Resp: 102680
Ion Ratio Lower Upper
139 100
109 68.0 36.9 76.9
65 99.3 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 47.96 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion:165 Resp: 259707
Ion Ratio Lower Upper
165 100
63 71.8 44.3 66.5#
89 94.8 70.0 105.0
182 2.3 1.8 2.6





#57

Fluorene

Concen: 39.50 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

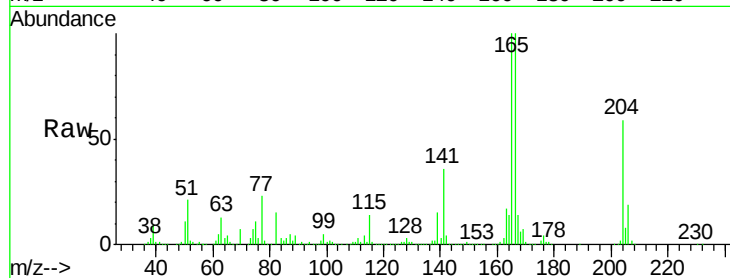
Tgt Ion:166 Resp: 747007

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

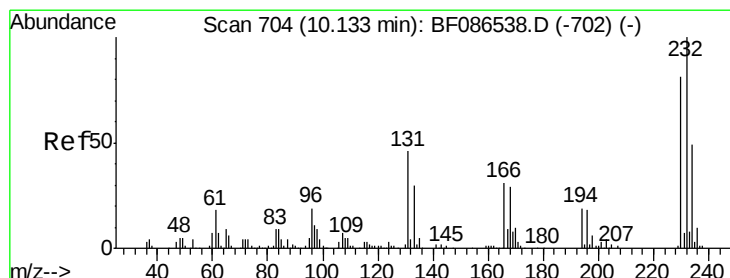
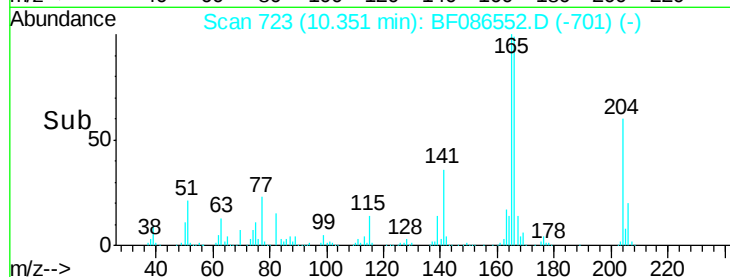
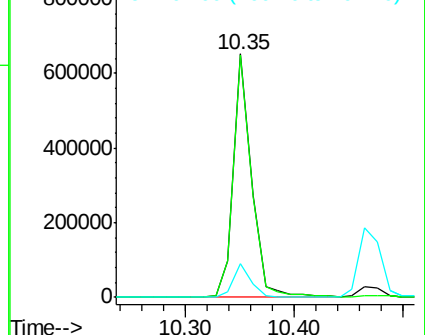
167 14.1 10.6 15.8



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: 51.56 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Tgt Ion:232 Resp: 217156

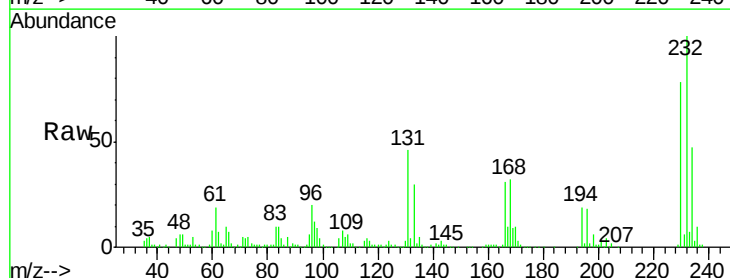
Ion Ratio Lower Upper

232 100

131 50.5 41.9 62.9

130 3.1 2.2 3.4

166 31.1 26.8 40.2

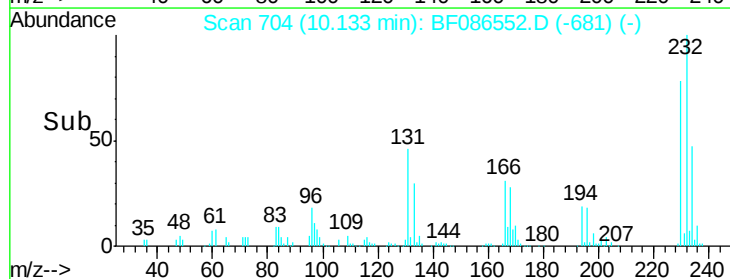
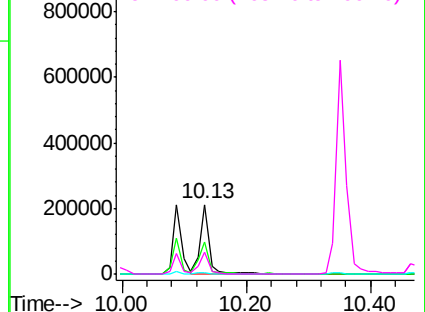


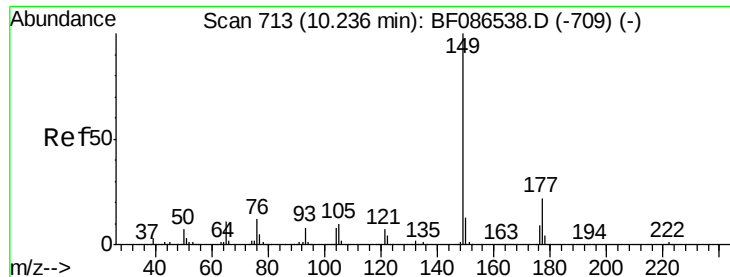
Abundance Ion 232.00 (231.70 to 232.70): E

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

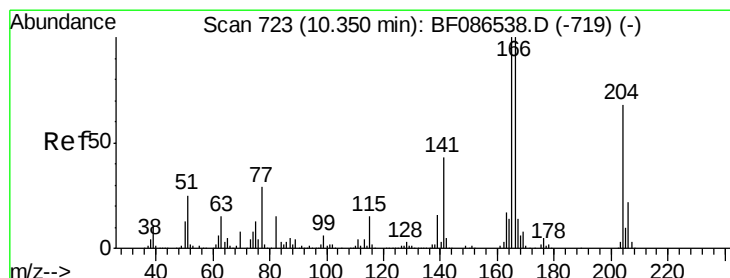
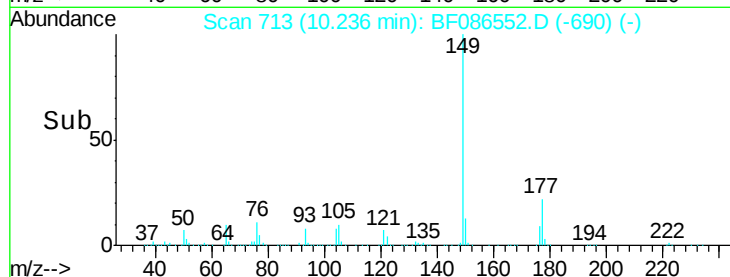
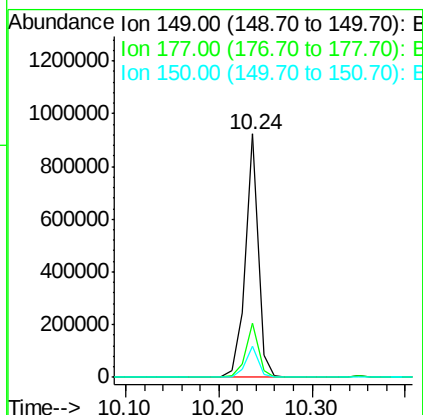
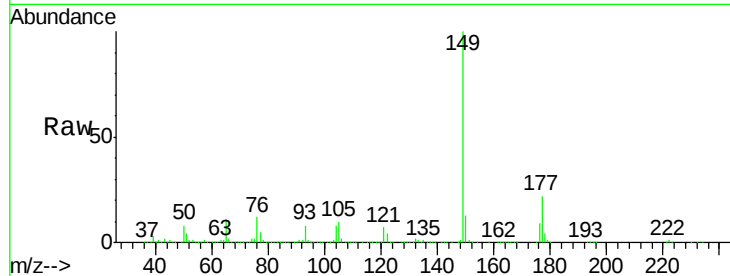




#59
Diethylphthalate
Concen: 45.74 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

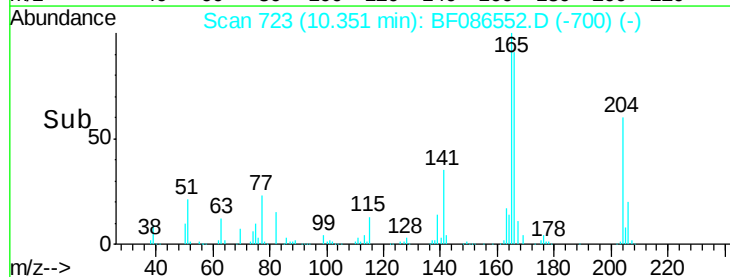
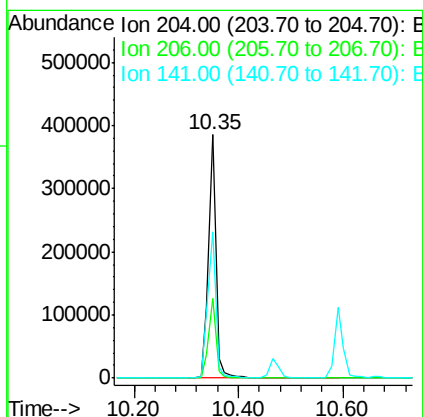
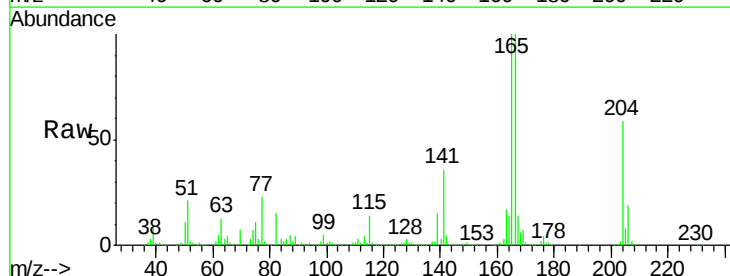
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

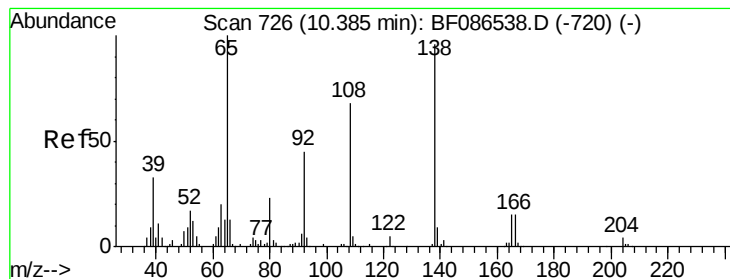
Tgt Ion:149 Resp: 890347
Ion Ratio Lower Upper
149 100
177 22.2 16.6 24.8
150 12.9 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 44.81 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion:204 Resp: 384740
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 60.1 61.6 92.4#





#61

4-Nitroaniline

Concen: 45.80 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

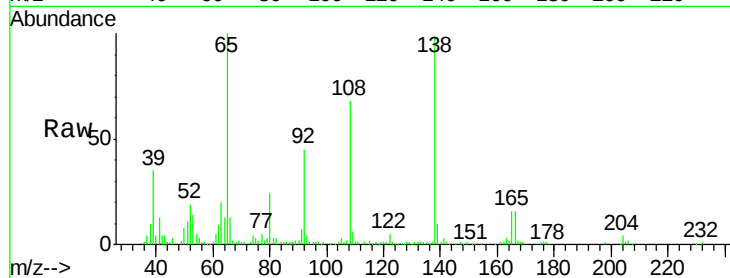
Tgt Ion:138 Resp: 216308

Ion Ratio Lower Upper

138 100

92 45.7 24.7 64.7

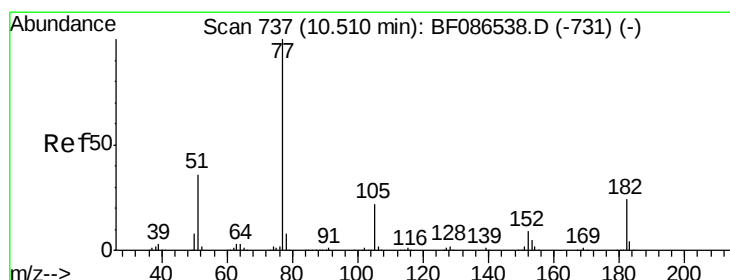
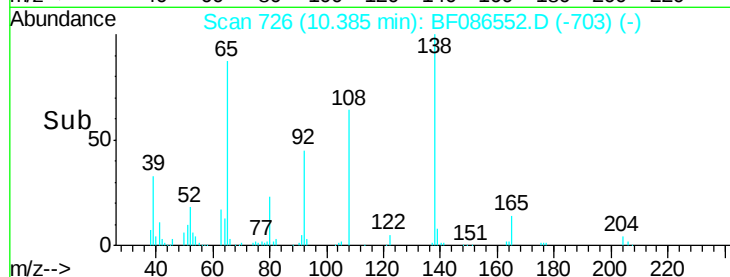
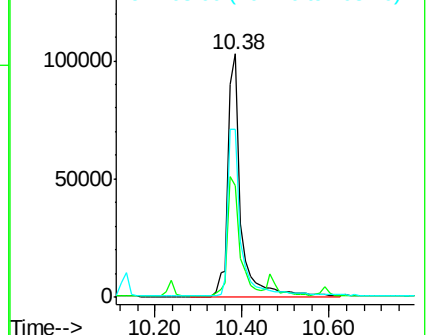
108 69.3 37.4 77.4



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: 50.13 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Tgt Ion: 77 Resp: 1068828

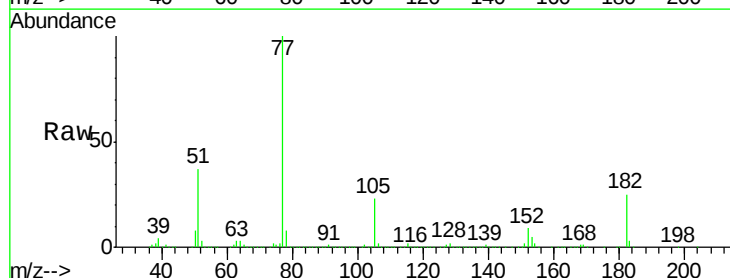
Ion Ratio Lower Upper

77 100

182 25.2 0.0 38.8

105 22.7 3.2 43.2

51 37.4 8.8 48.8

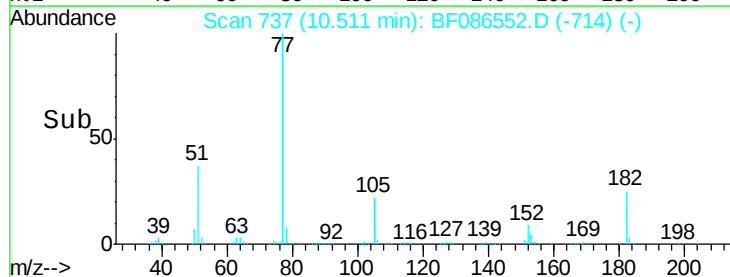
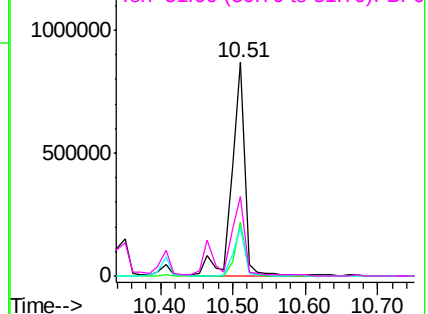


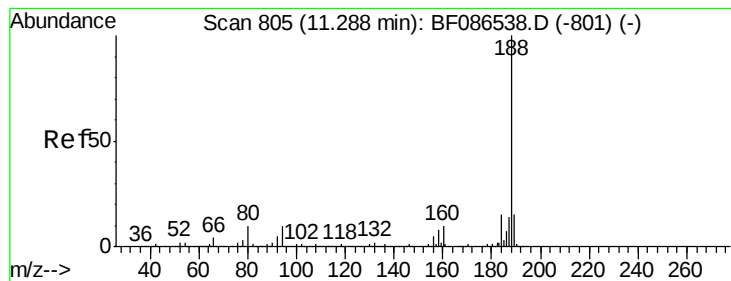
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

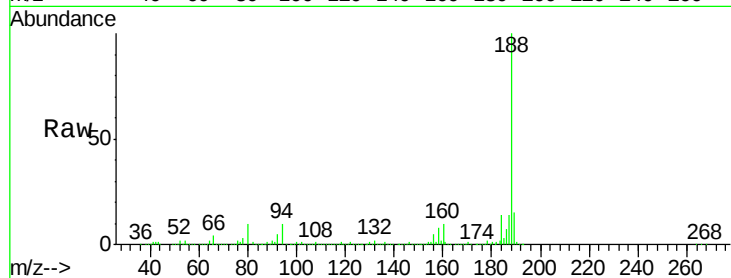
Tgt Ion:188 Resp: 536676

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

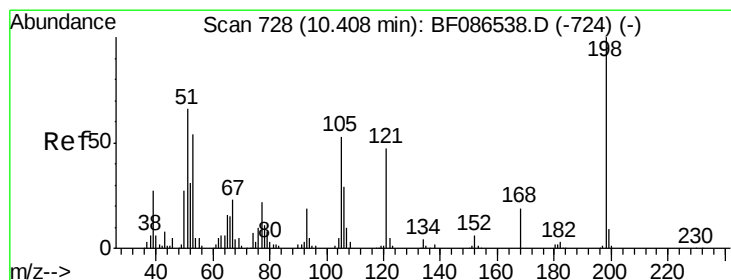
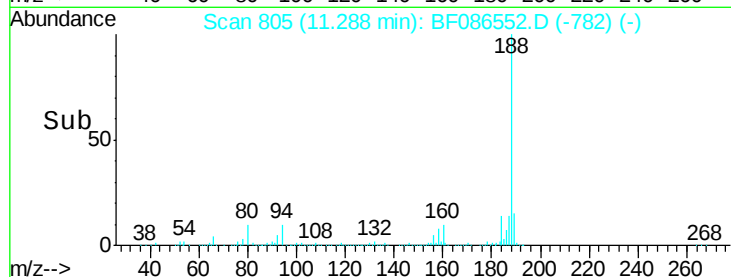
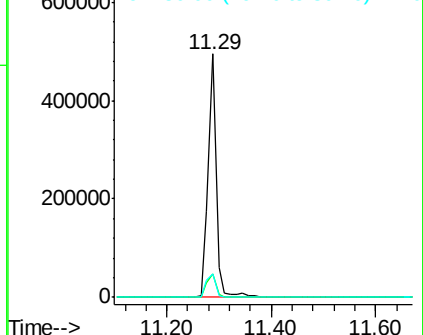
80 9.7 7.1 10.7



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: 46.44 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

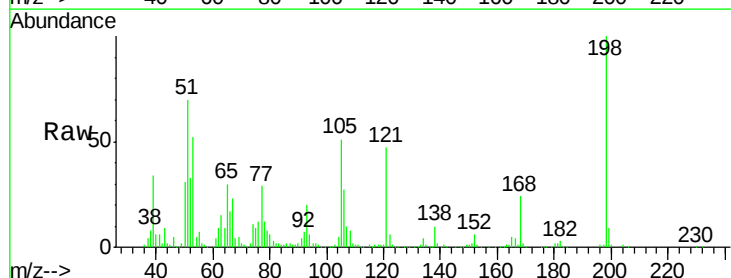
Tgt Ion:198 Resp: 146323

Ion Ratio Lower Upper

198 100

51 70.2 20.5 60.5#

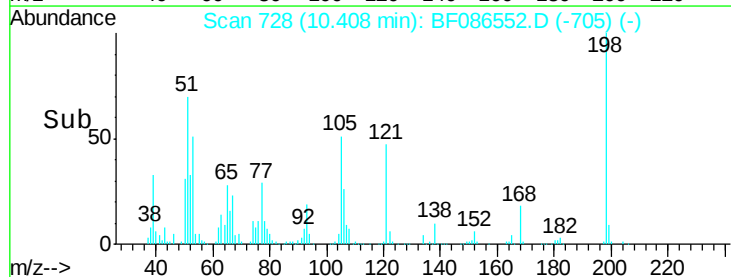
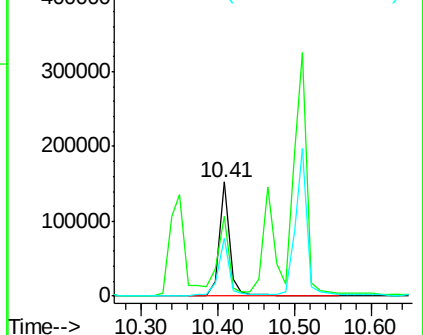
105 50.6 24.5 64.5

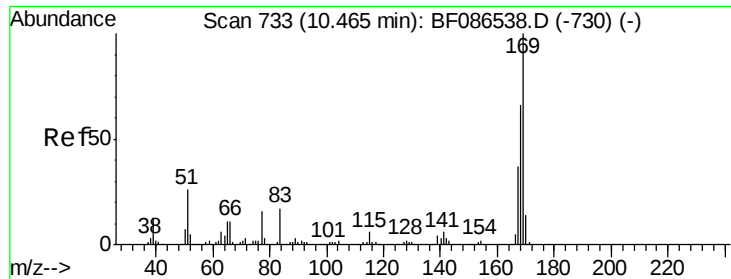


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.18 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

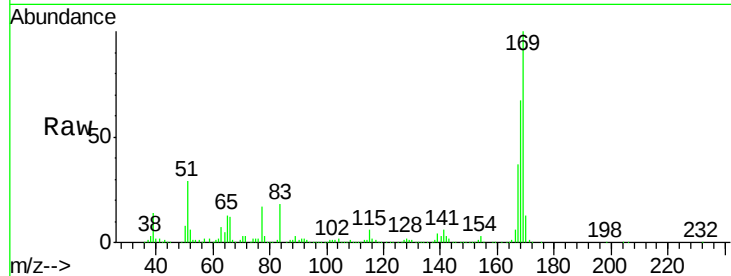
Tgt Ion:169 Resp: 707436

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

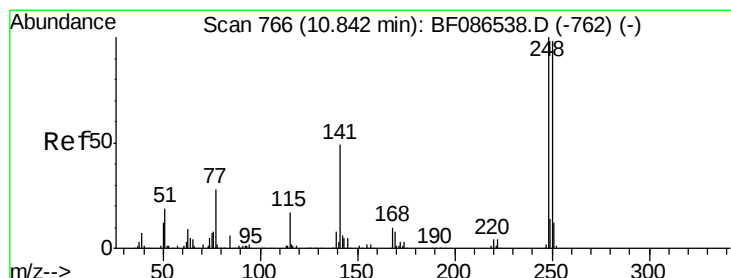
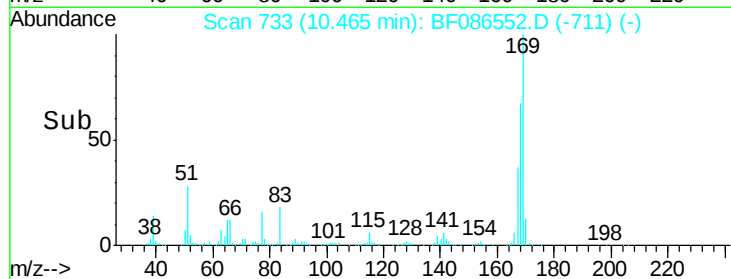
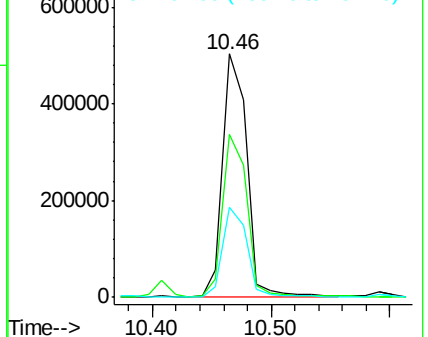
167 36.9 29.5 44.3



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: 42.79 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

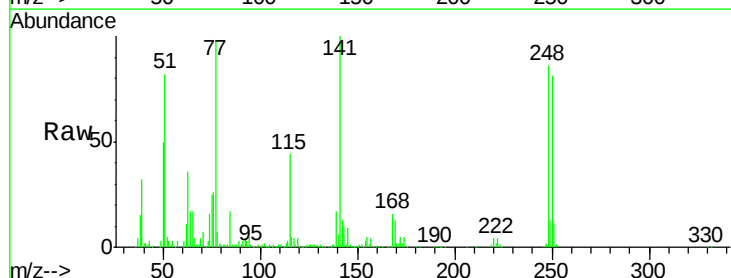
Tgt Ion:248 Resp: 236621

Ion Ratio Lower Upper

248 100

250 94.5 78.6 117.8

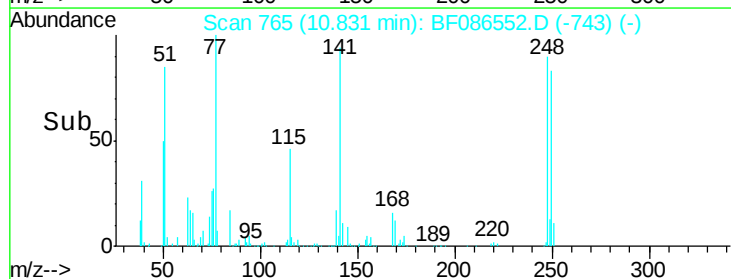
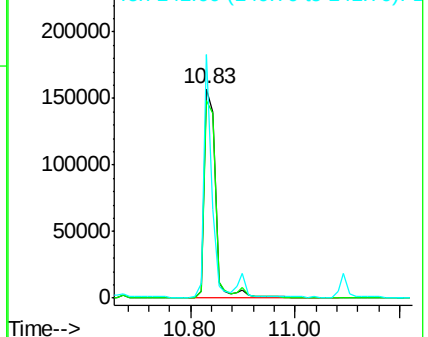
141 116.2 76.0 114.0#

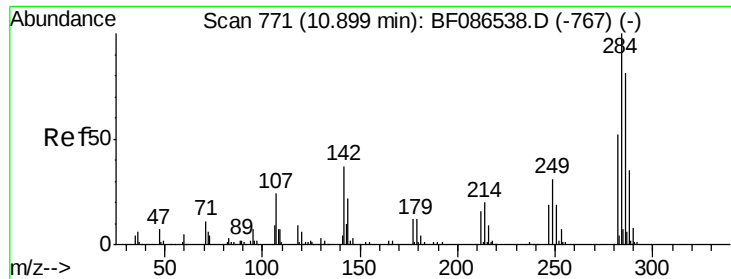


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

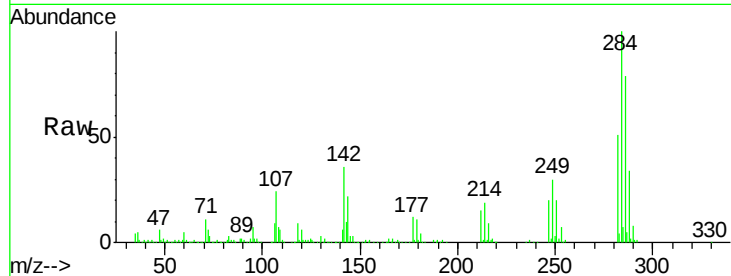




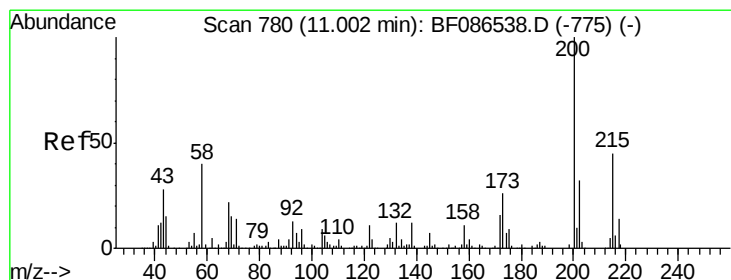
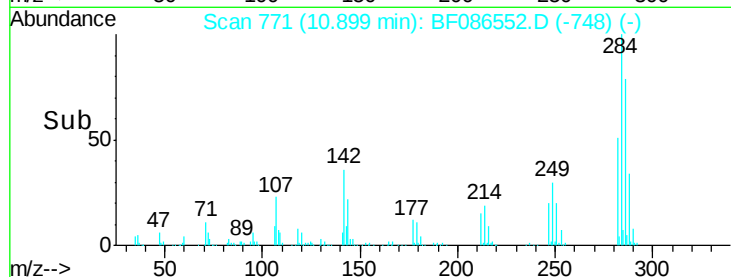
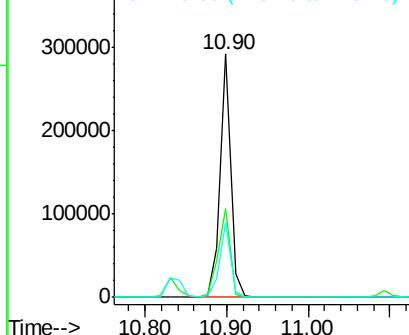
#67
Hexachlorobenzene
Concen: 41.54 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MSD

Tgt Ion:284 Resp: 265871
Ion Ratio Lower Upper
284 100
142 36.3 16.7 25.1#
249 30.5 21.3 31.9

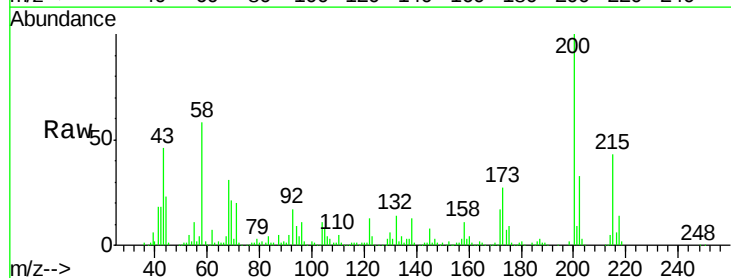


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

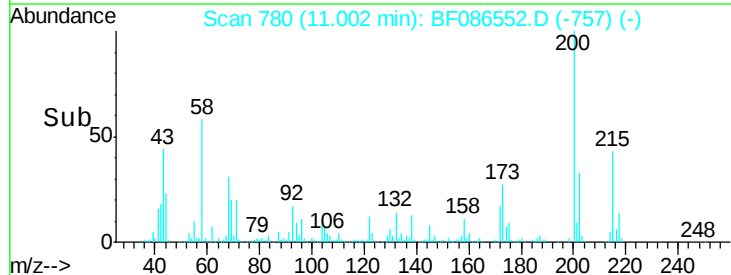
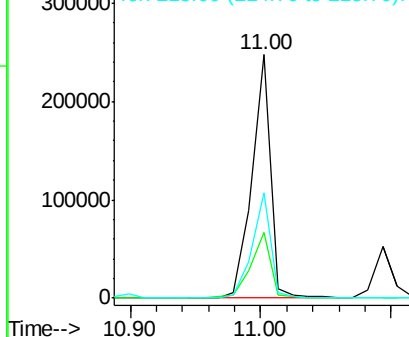


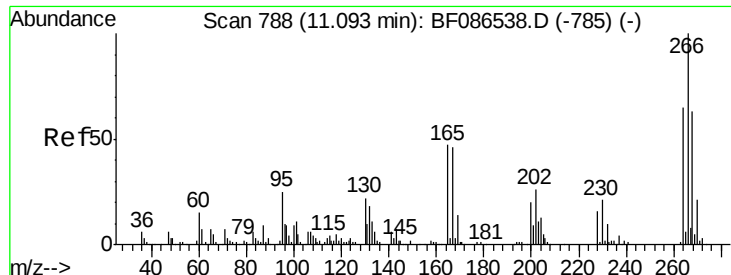
#68
Atrazine
Concen: 48.95 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF086552.D
Acq: 1 May 2016 5:42

Tgt Ion:200 Resp: 246540
Ion Ratio Lower Upper
200 100
173 26.8 8.5 48.5
215 43.1 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

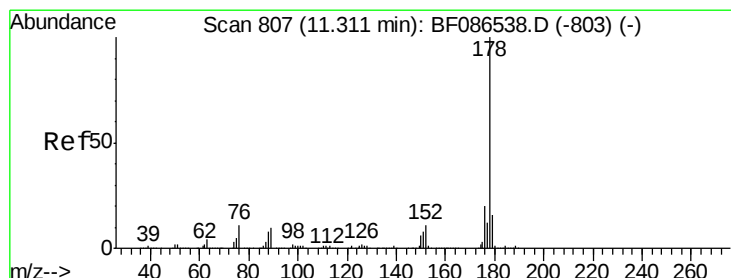
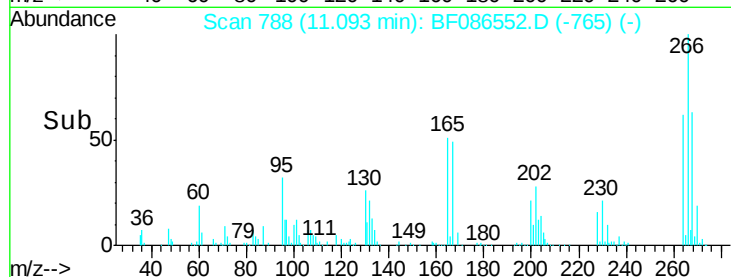
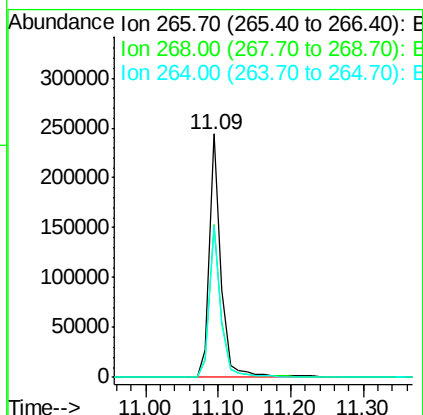
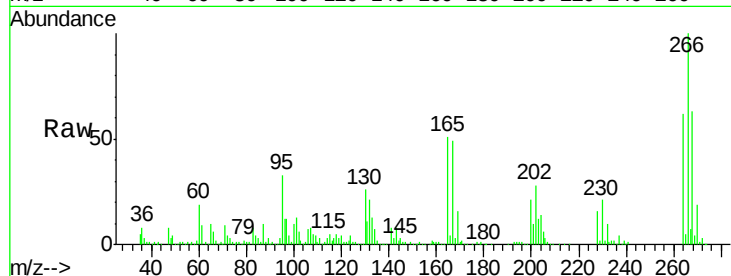




#69
 Pentachlorophenol
 Concen: 81.57 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

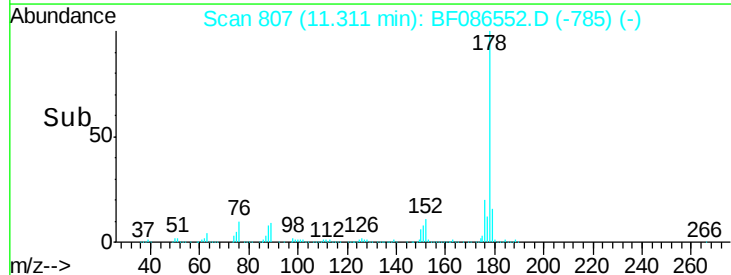
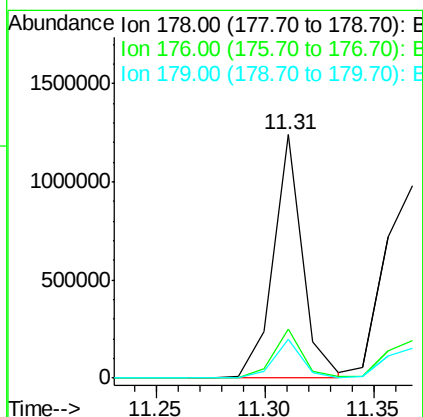
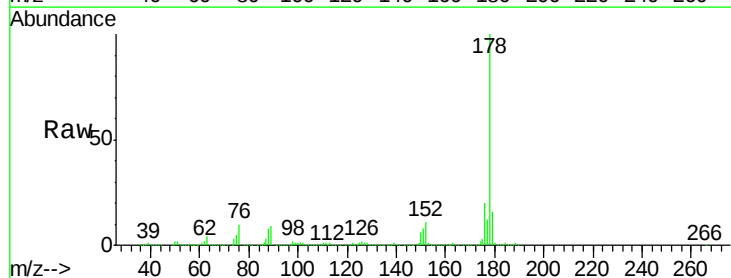
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

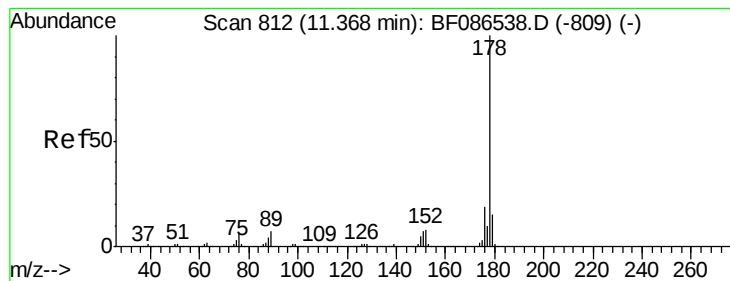
Tgt Ion: 266 Resp: 275295
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 62.1 52.9 79.3



#70
 Phenanthrene
 Concen: 41.38 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion: 178 Resp: 1165516
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 15.8 12.6 18.8





#71

Anthracene

Concen: 44.91 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

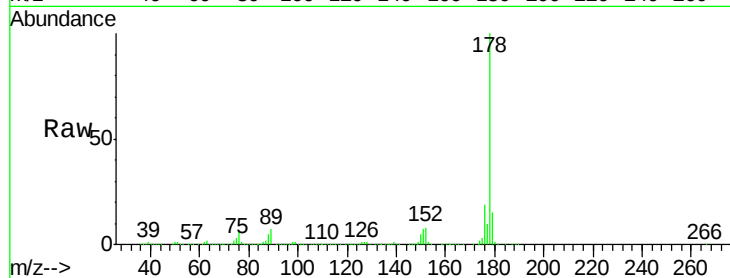
Tgt Ion:178 Resp: 1349721

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

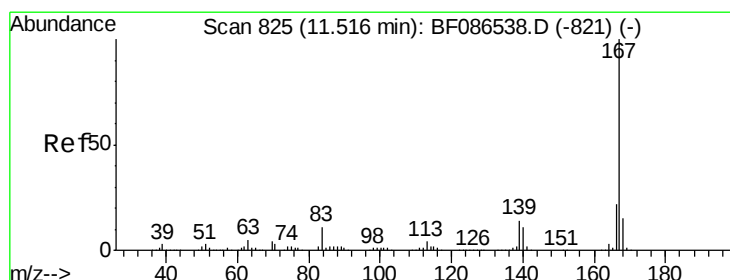
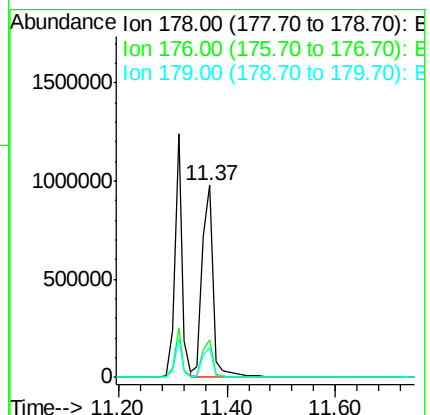
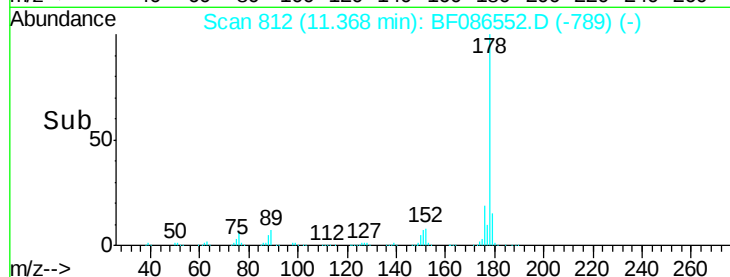
179 15.4 12.7 19.1



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: 42.79 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

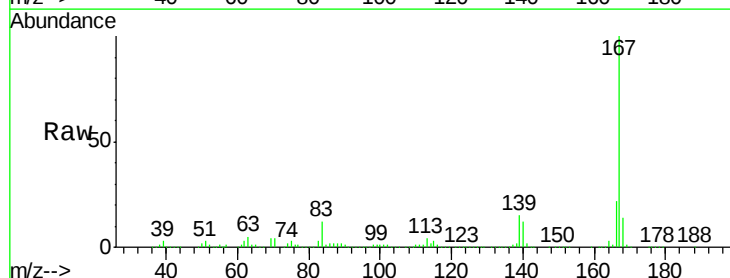
Tgt Ion:167 Resp: 1139889

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

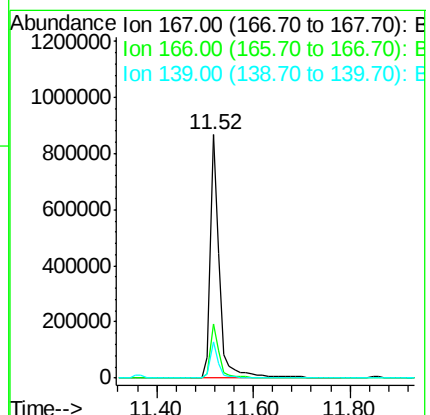
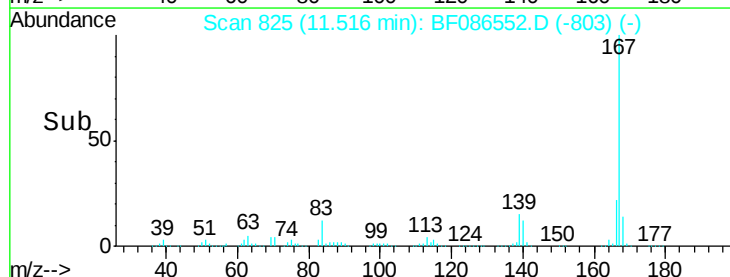
139 14.8 10.8 16.2

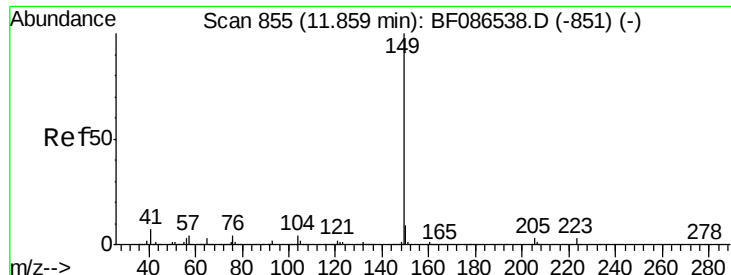


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.38 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

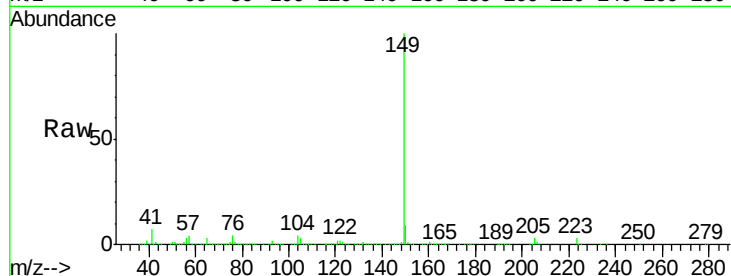
Tgt Ion:149 Resp: 1399590

Ion Ratio Lower Upper

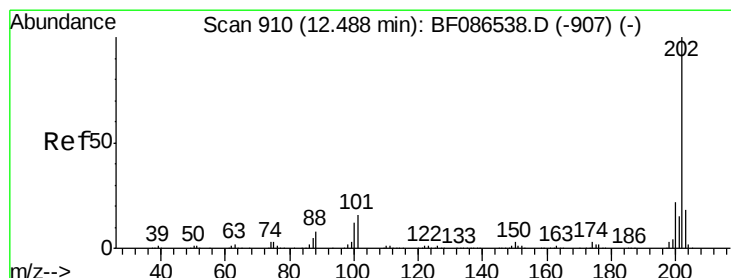
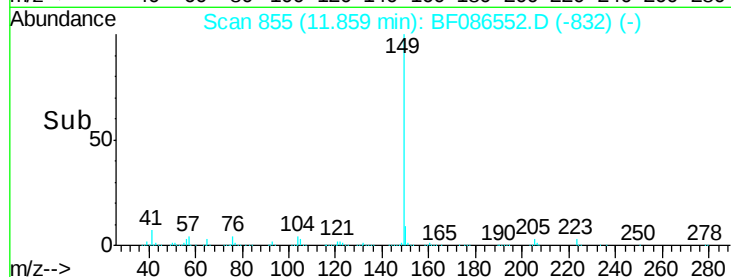
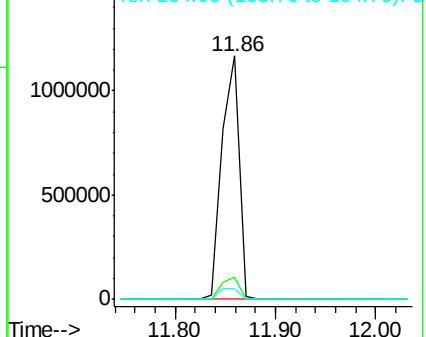
149 100

150 9.1 7.6 11.4

104 4.5 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: 45.08 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

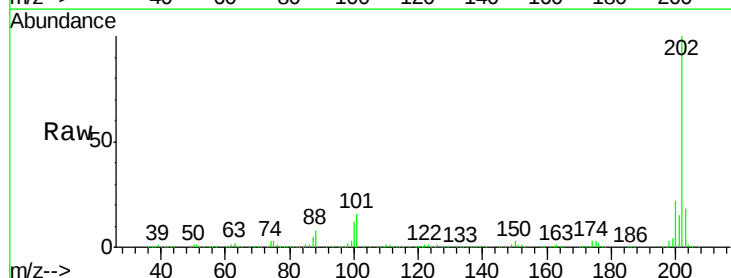
Tgt Ion:202 Resp: 1281481

Ion Ratio Lower Upper

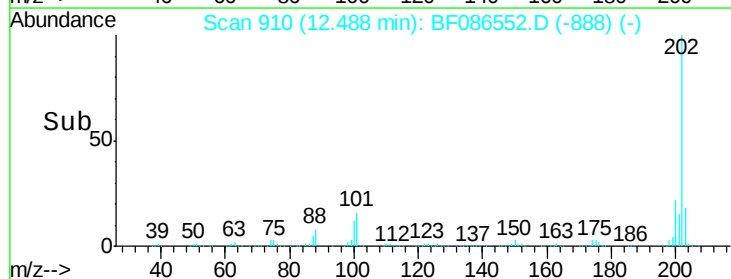
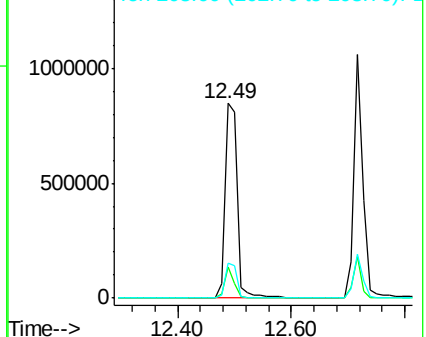
202 100

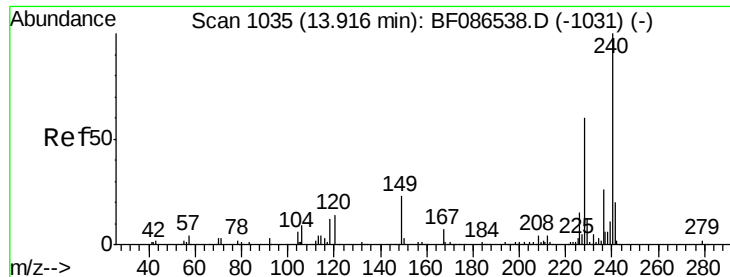
101 15.7 0.0 35.4

203 18.2 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: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

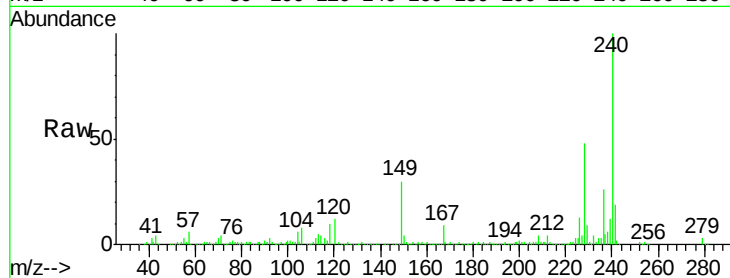
Tgt Ion:240 Resp: 338483

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

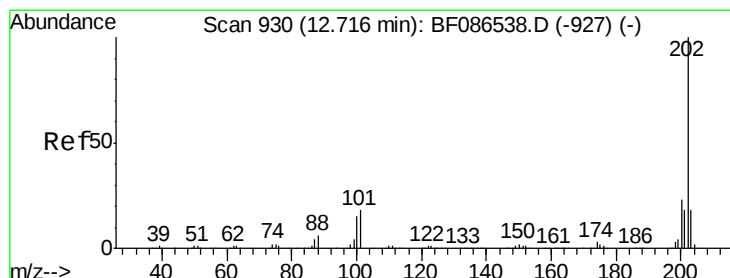
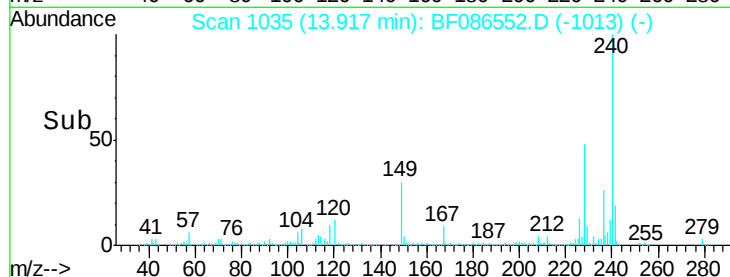
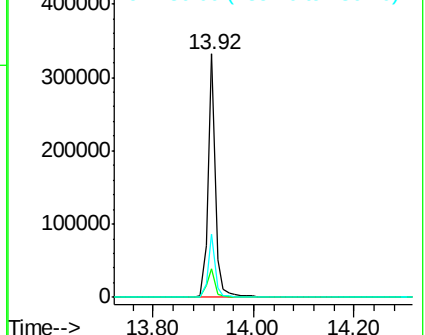
236 25.8 21.2 31.8



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



#77

Pyrene

Concen: 48.71 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

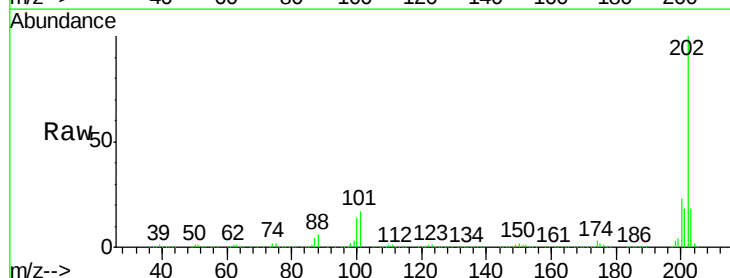
Tgt Ion:202 Resp: 1187963

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

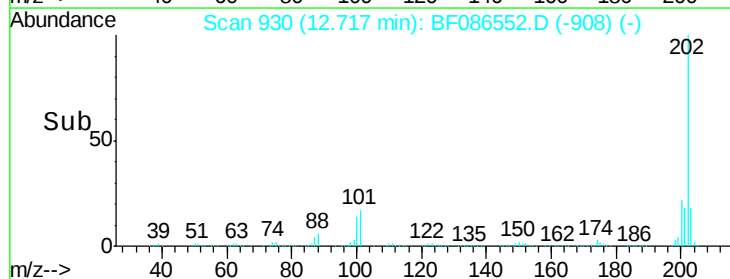
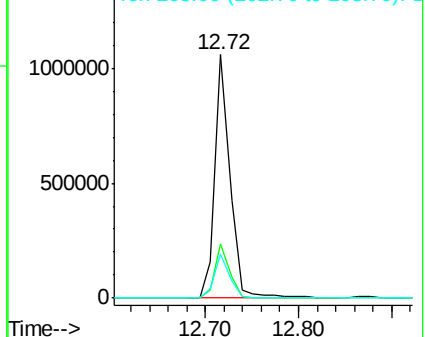
203 18.2 14.2 21.4

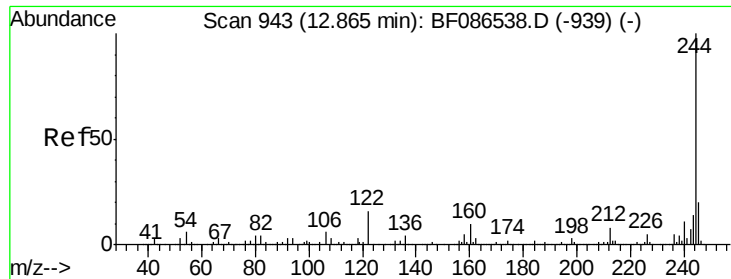


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

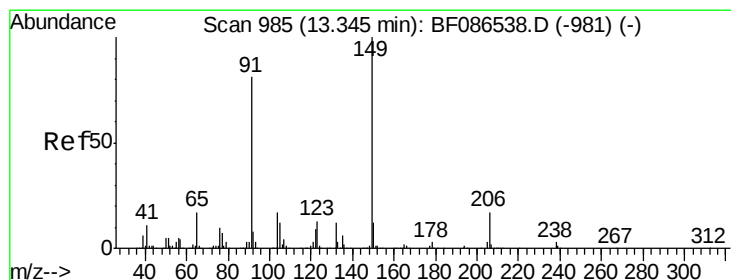
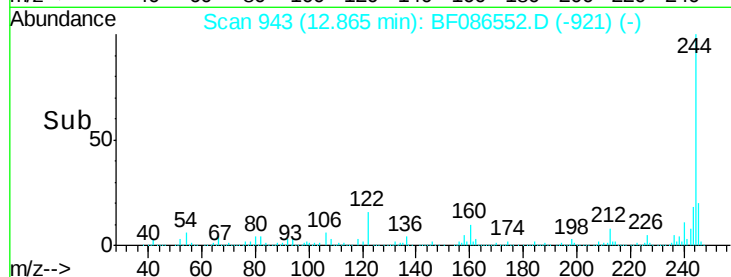
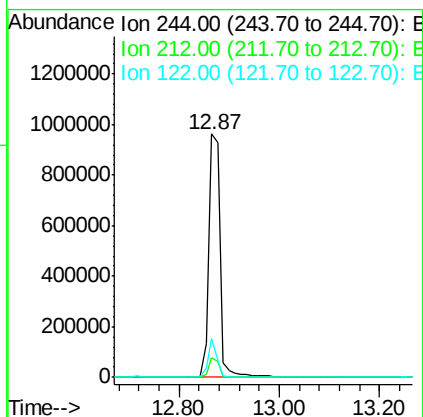
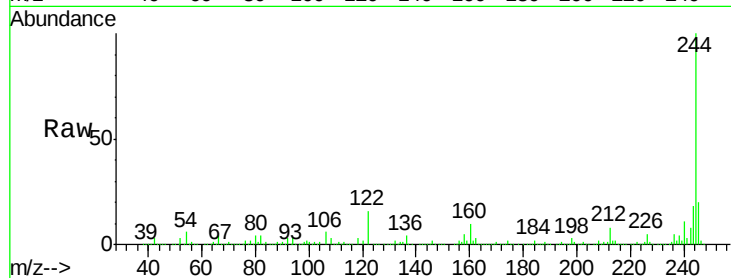




#78
 Terphenyl-d14
 Concen: 98.33 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

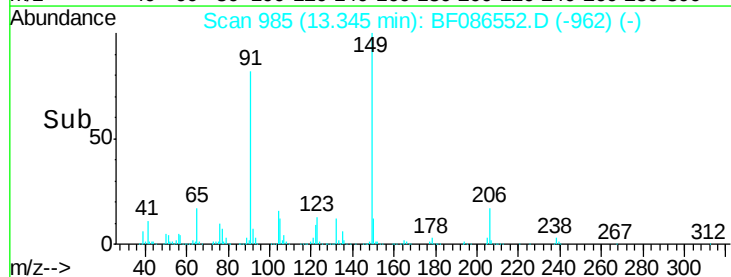
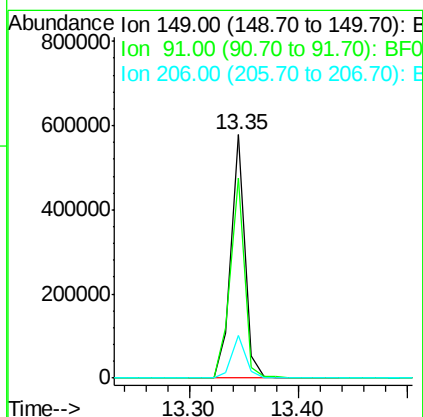
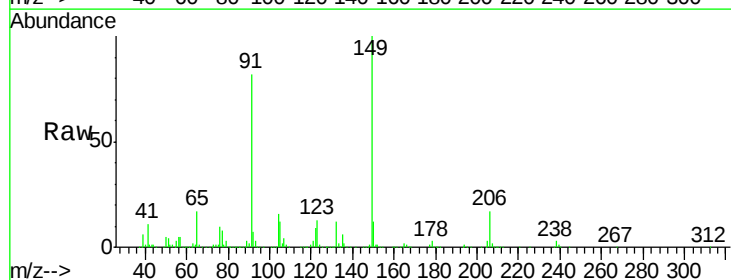
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16MSD

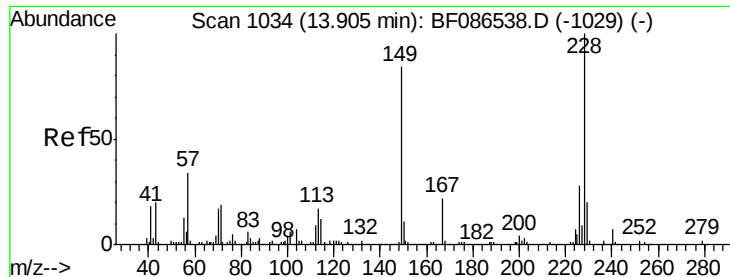
Tgt Ion:244 Resp: 1510660
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.8 12.0 18.0



#79
 Butylbenzylphthalate
 Concen: 48.87 ng
 RT: 13.35 min Scan# 985
 Delta R.T. -0.03 min
 Lab File: BF086552.D
 Acq: 1 May 2016 5:42

Tgt Ion:149 Resp: 516237
 Ion Ratio Lower Upper
 149 100
 91 81.9 48.0 72.0#
 206 17.5 15.8 23.6





#80

Benzo(a)anthracene

Concen: 49.46 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

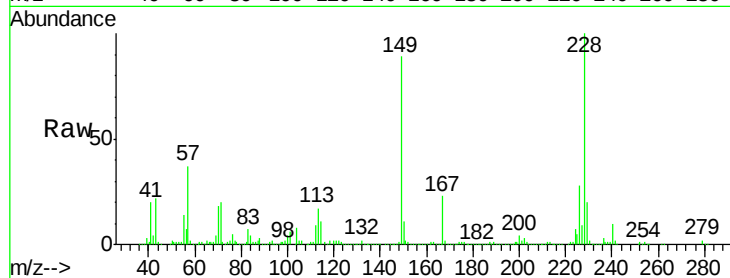
Tgt Ion:228 Resp: 892617

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

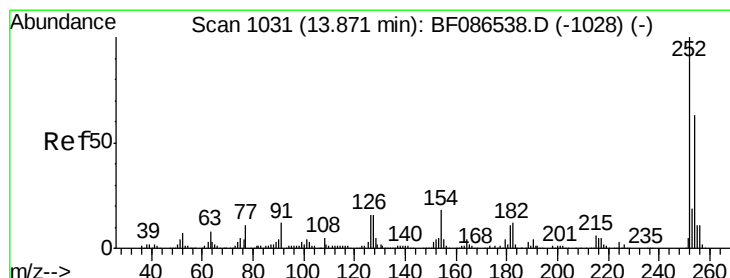
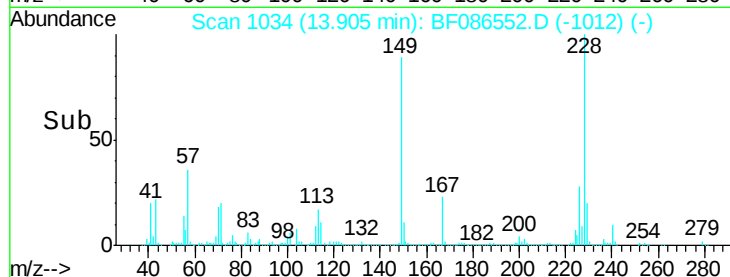
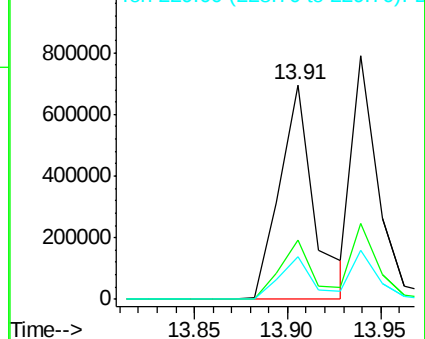
229 20.0 16.6 25.0



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: 12.35 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

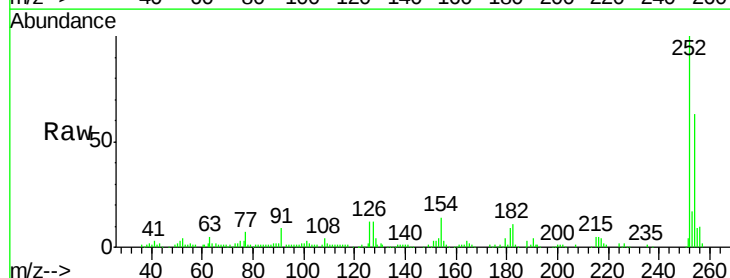
Tgt Ion:252 Resp: 149010

Ion Ratio Lower Upper

252 100

254 62.9 50.7 76.1

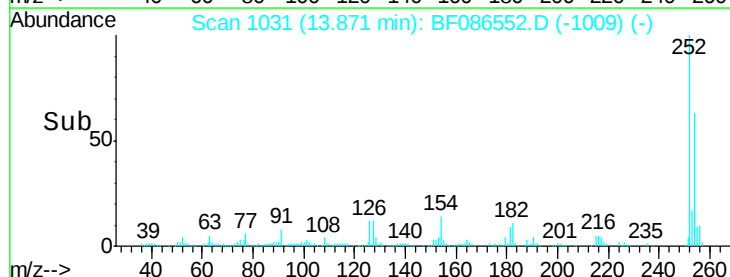
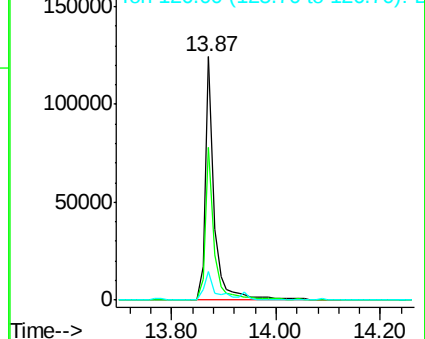
126 11.9 12.7 19.1#

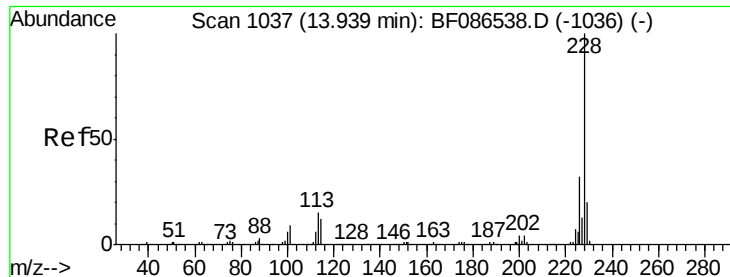


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.83 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

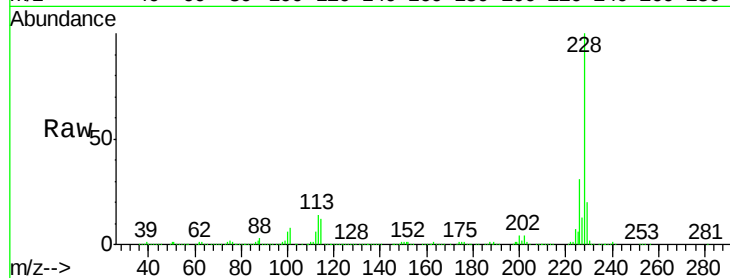
Tgt Ion:228 Resp: 820453

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

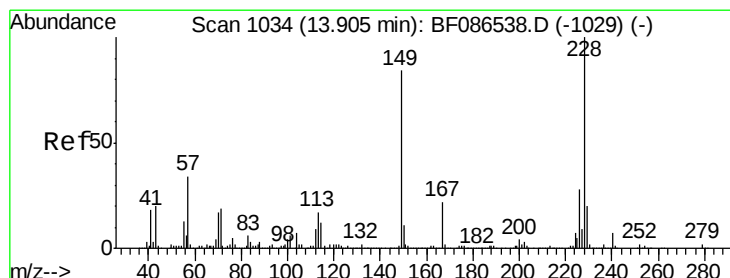
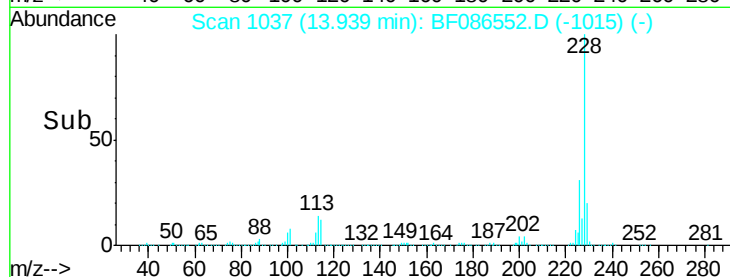
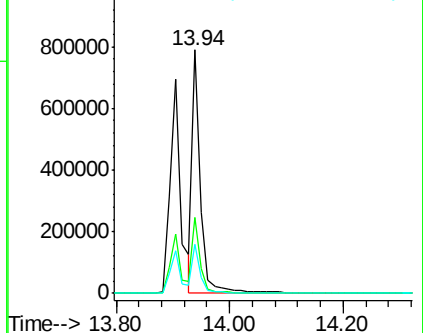
229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.61 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

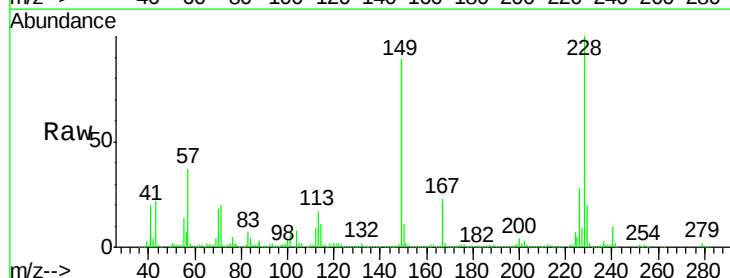
Tgt Ion:149 Resp: 558745

Ion Ratio Lower Upper

149 100

167 25.4 21.8 32.6

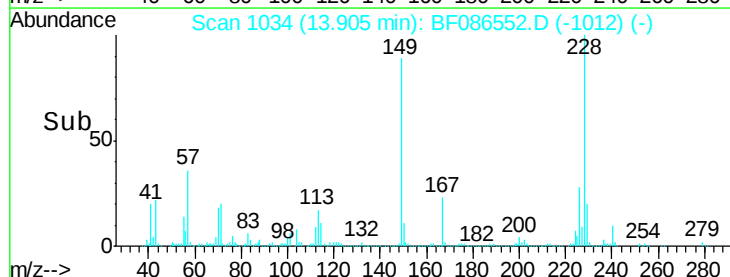
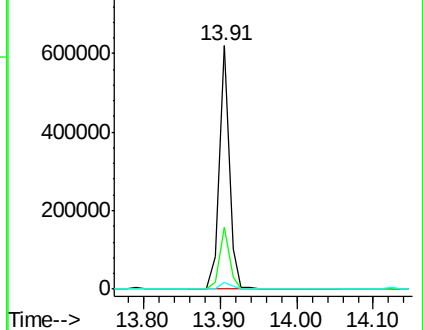
279 2.7 2.6 4.0

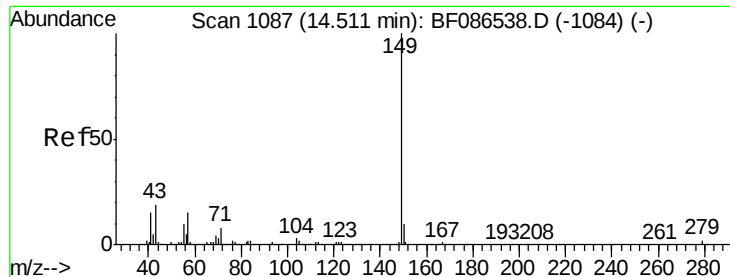


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.35 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.05 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16MSD

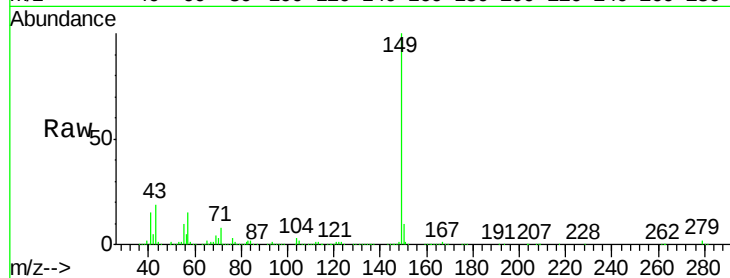
Tgt Ion:149 Resp: 910645

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

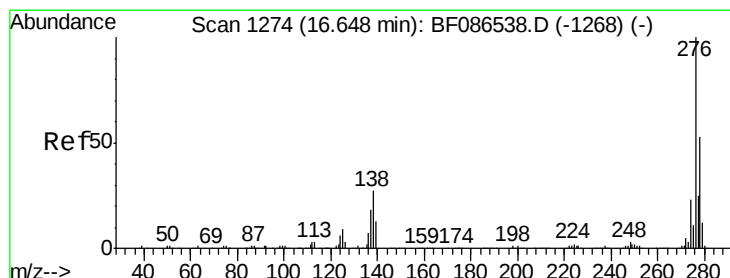
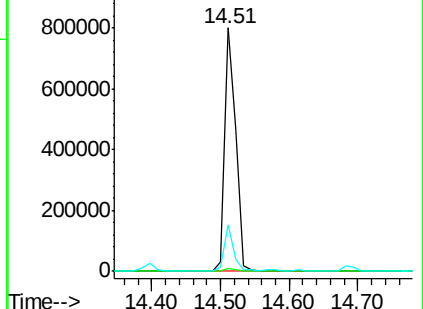
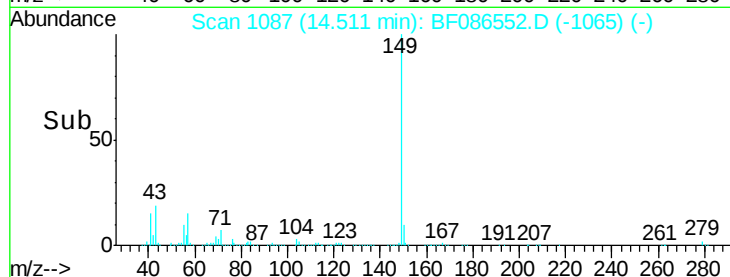
43 15.3 8.2 12.4#



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: 64.39 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.07 min

Lab File: BF086552.D

Acq: 1 May 2016 5:42

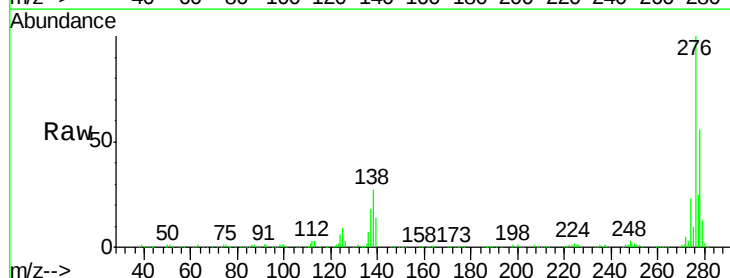
Tgt Ion:276 Resp: 935849

Ion Ratio Lower Upper

276 100

138 29.2 25.6 38.4

277 25.4 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

