

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086376.D
 Acq On : 23 Apr 2016 7:47
 Operator : UM/SJ
 Sample : H2634-10MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Quant Time: Apr 25 00:43:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174629	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	711239	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	349650	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	662294	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	367293	20.00	ng	0.00
86) Perylene-d12	15.41	264	356114	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	647409	64.02	ng	0.01
7) Phenol-d6	6.48	99	594079	43.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	970510	80.83	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	374219	118.23	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1666472	81.33	ng	0.00
78) Terphenyl-d14	12.95	244	1275574	86.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	84954	15.19	ng	98
3) Pyridine	3.20	79	198205	14.88	ng	96
4) n-Nitrosodimethylamine	3.10	42	83047	16.43	ng	87
6) Aniline	6.50	93	354711	21.14	ng	93
8) 2-Chlorophenol	6.62	128	419061	33.94	ng	97
9) Benzaldehyde	6.38	77	86193	10.32	ng	89
10) Phenol	6.49	94	239269	14.74	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	498597	35.28	ng	95
12) 1,3-Dichlorobenzene	6.78	146	473553	35.97	ng	97
13) 1,4-Dichlorobenzene	6.86	146	483351	33.42	ng	98
14) 1,2-Dichlorobenzene	7.01	146	453058	34.48	ng	96
15) Benzyl Alcohol	6.99	79	255634	31.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	642393	34.68	ng	99
17) 2-Methylphenol	7.10	107	297689	29.43	ng	98
18) Hexachloroethane	7.36	117	199126	40.88	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	323559	39.39	ng	96
20) 3+4-Methylphenols	7.25	107	288084	26.86	ng	# 68
22) Acetophenone	7.25	105	653586	43.80	ng	92
24) Nitrobenzene	7.42	77	492352	38.23	ng	96
25) Isophorone	7.66	82	909939	38.67	ng	98
26) 2-Nitrophenol	7.74	139	275665	43.32	ng	97
27) 2,4-Dimethylphenol	7.79	122	402692	36.96	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	594804	45.27	ng	99
29) 2,4-Dichlorophenol	7.98	162	399359	44.34	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	397658	40.65	ng	# 95
31) Naphthalene	8.14	128	1400984	38.67	ng	98
32) Benzoic acid	7.87	122	94028	13.50	ng	# 77
33) 4-Chloroaniline	8.20	127	199554	14.14	ng	99
34) Hexachlorobutadiene	8.27	225	193914	39.69	ng	98
35) Caprolactam	8.62	113	27461	8.50	ng	# 85
36) 4-Chloro-3-methylphenol	8.68	107	419876	39.22	ng	96
37) 2-Methylnaphthalene	8.84	142	943088	45.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	344779	38.11	ng	99
40) Hexachlorocyclopentadiene	8.99	237	307173	69.52	ng	98

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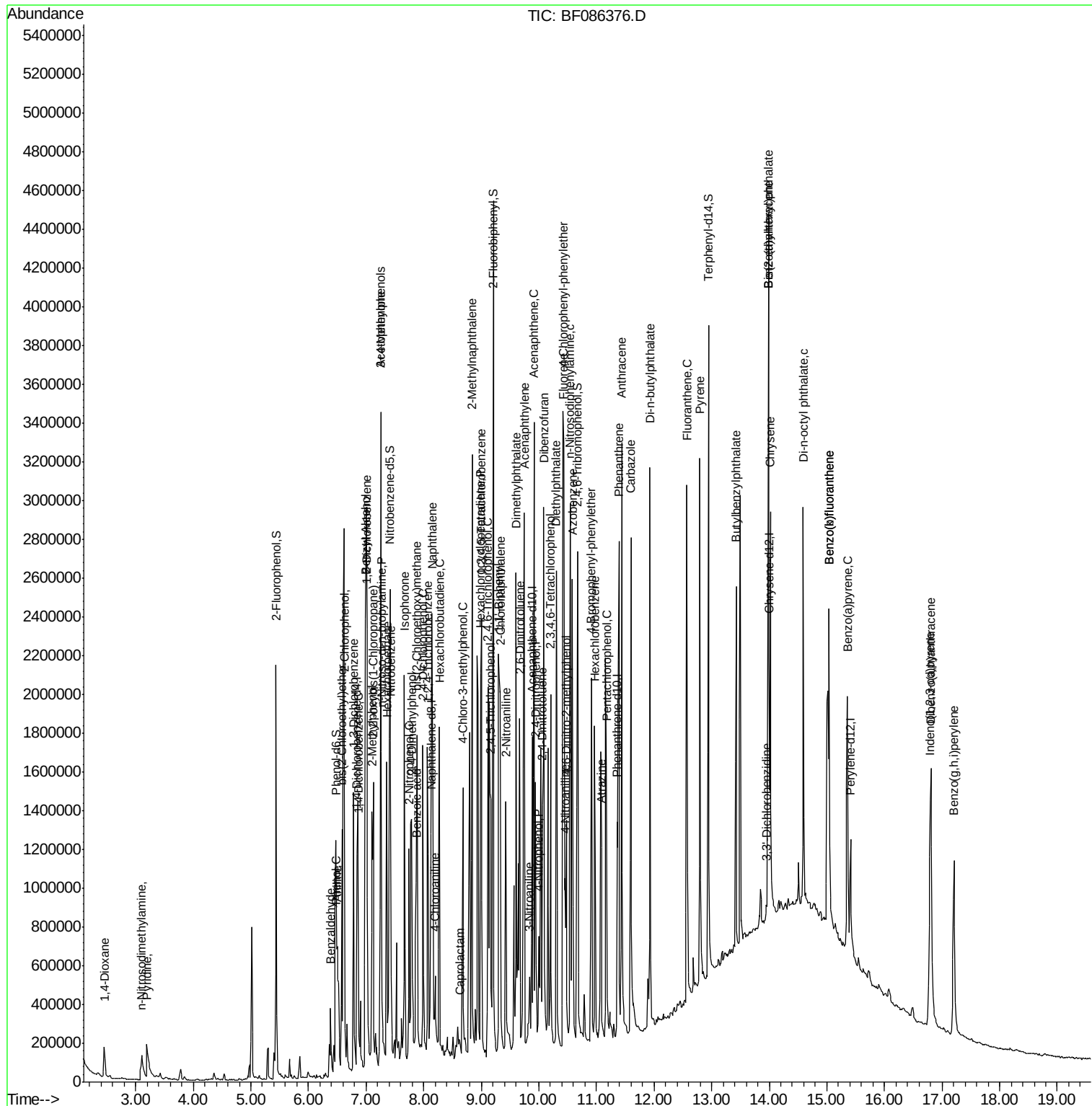
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	259190	43.70	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	287438	39.36	ng	96
45) 1,1'-Biphenyl	9.31	154	1105849	40.77	ng	99
46) 2-Chloronaphthalene	9.33	162	881178	41.04	ng	97
47) 2-Nitroaniline	9.42	65	297289	44.47	ng	98
48) Acenaphthylene	9.74	152	1434407	41.20	ng	100
49) Dimethylphthalate	9.61	163	1019393	40.36	ng	99
50) 2,6-Dinitrotoluene	9.66	165	224859	41.21	ng	97
51) Acenaphthene	9.92	154	970444	45.38	ng	99
52) 3-Nitroaniline	9.84	138	105953	15.51	ng	99
53) 2,4-Dinitrophenol	9.94	184	224798	79.25	ng	90
54) Dibenzofuran	10.09	168	1237694	45.06	ng	100
55) 4-Nitrophenol	10.00	139	164940	34.51	ng	88
56) 2,4-Dinitrotoluene	10.06	165	321288	44.34	ng	98
57) Fluorene	10.43	166	943677	41.93	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	249944	46.83	ng	96
59) Diethylphthalate	10.30	149	970309	40.12	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	380814	38.69	ng	98
61) 4-Nitroaniline	10.45	138	260113	37.20	ng	98
62) Azobenzene	10.58	77	1086865	43.33	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	163065	40.29	ng	96
65) n-Nitrosodiphenylamine	10.54	169	873485	42.77	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	267590	41.26	ng	94
67) Hexachlorobenzene	10.97	284	280582	40.55	ng	# 60
68) Atrazine	11.08	200	251778	39.93	ng	98
69) Pentachlorophenol	11.17	266	336020	82.70	ng	97
70) Phenanthrene	11.39	178	1376974	41.38	ng	100
71) Anthracene	11.44	178	1447757	37.97	ng	99
72) Carbazole	11.60	167	1459421	40.75	ng	100
73) Di-n-butylphthalate	11.93	149	1477849	39.23	ng	99
74) Fluoranthene	12.57	202	1250776	34.85	ng	98
77) Pyrene	12.80	202	1266817	49.45	ng	99
79) Butylbenzylphthalate	13.43	149	573207	48.03	ng	99
80) Benzo(a)anthracene	13.99	228	906128	47.52	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	28627	2.18	ng	# 92
82) Chrysene	14.02	228	845125	39.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	623839	46.69	ng	98
84) Di-n-octyl phthalate	14.59	149	1077766	42.01	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	994217	52.06	ng	99
87) Benzo(b)fluoranthene	15.04	252	1696229	86.78	ng	97
88) Benzo(k)fluoranthene	15.04	252	1697047	88.46	ng	98
89) Benzo(a)pyrene	15.36	252	828023	42.94	ng	97
90) Dibenzo(a,h)anthracene	16.81	278	840500	52.84	ng	99
91) Benzo(g,h,i)perylene	17.21	276	874701	53.27	ng	97

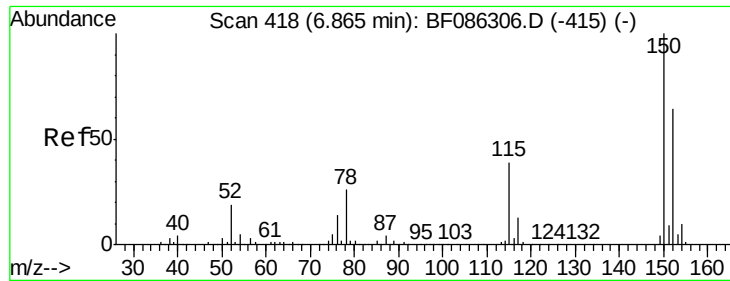
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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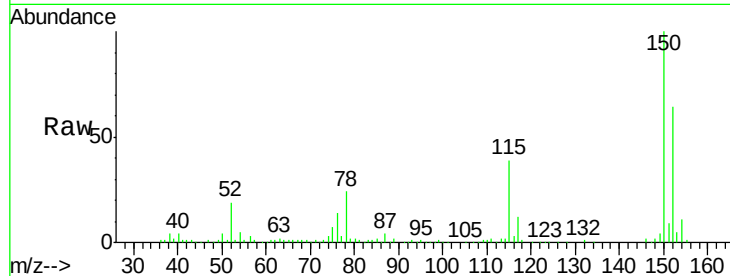


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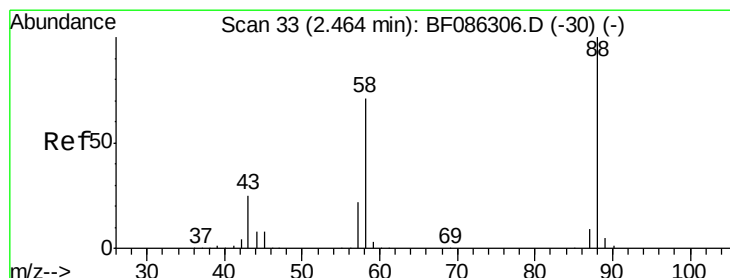
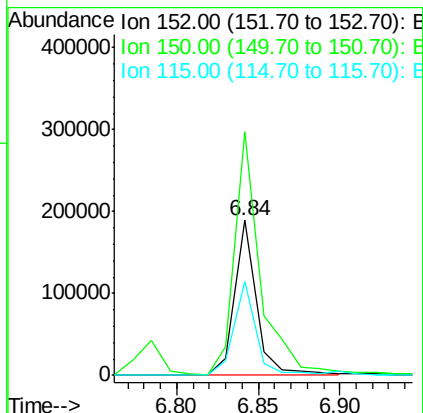
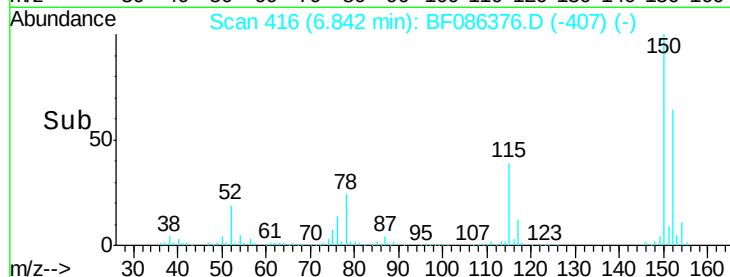
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tgt Ion:152 Resp: 174629
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 60.6 51.5 77.3



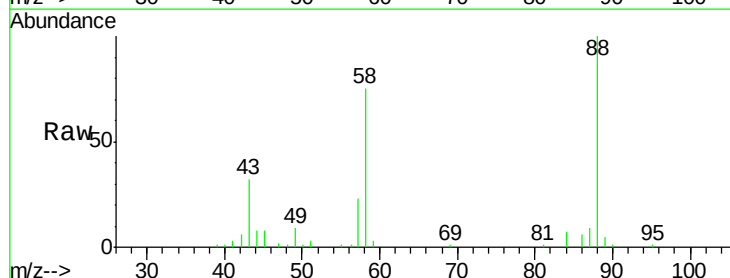
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



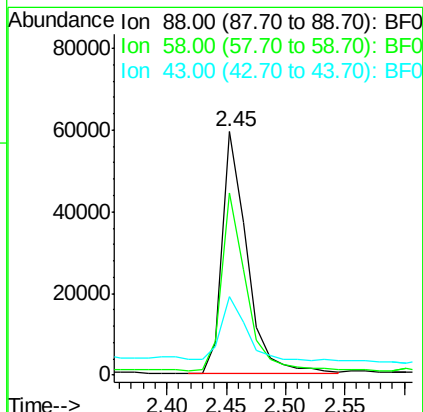
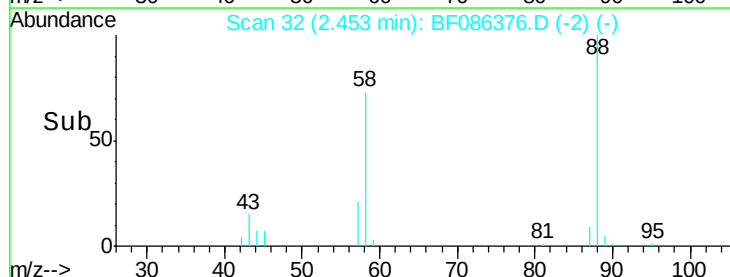
#2

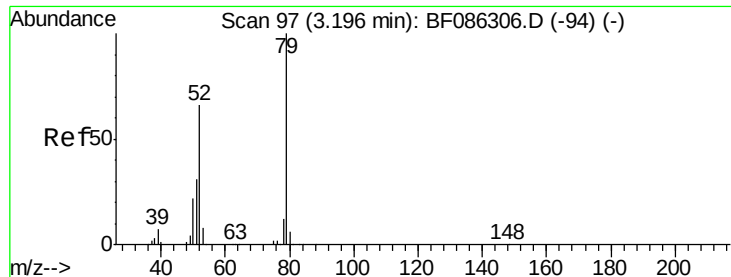
1,4-Dioxane
Concen: 15.19 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.05 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion: 88 Resp: 84954
Ion Ratio Lower Upper
88 100
58 73.2 59.6 89.4
43 25.7 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: 14.88 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.07 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

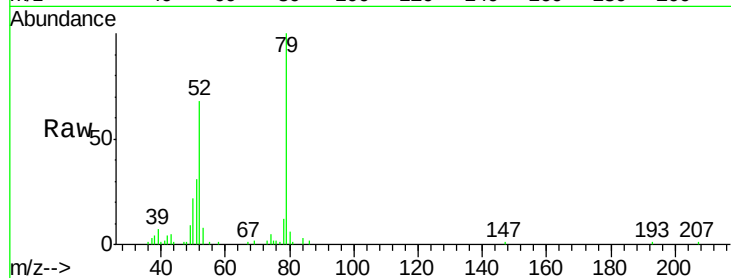
Tgt Ion: 79 Resp: 198205

Ion Ratio Lower Upper

79 100

52 67.7 55.9 83.9

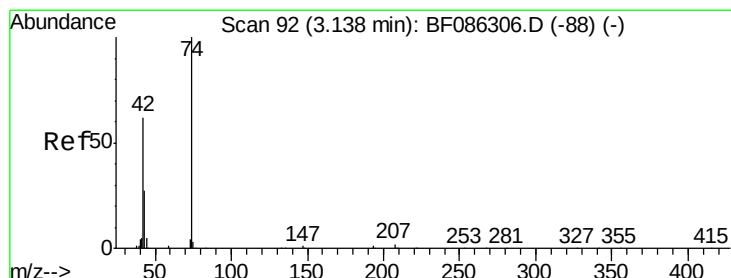
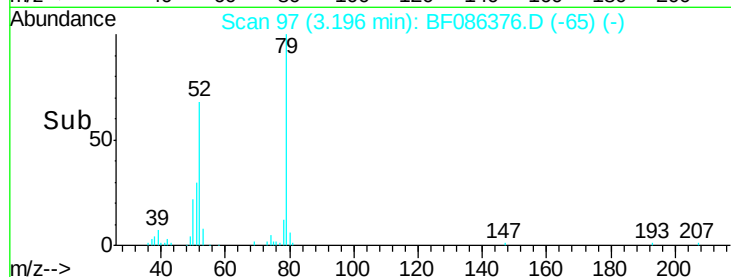
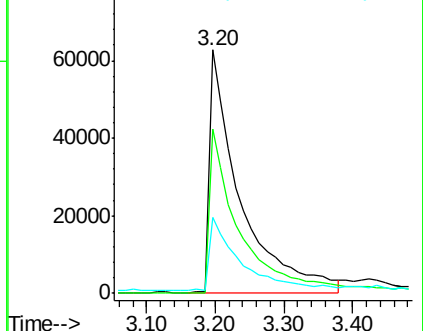
51 31.4 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.43 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.03 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

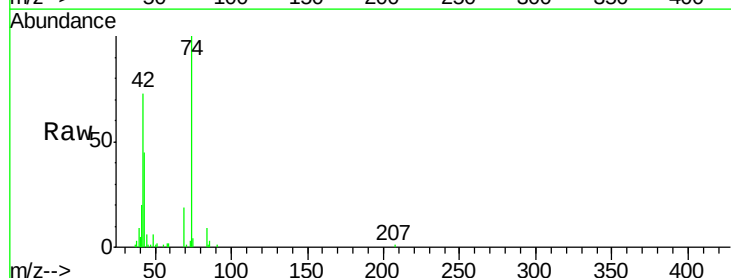
Tgt Ion: 42 Resp: 83047

Ion Ratio Lower Upper

42 100

74 137.0 123.4 185.0

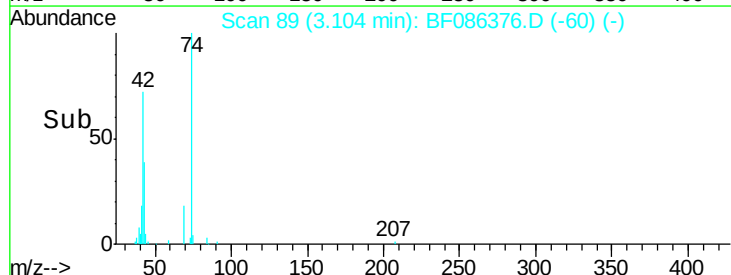
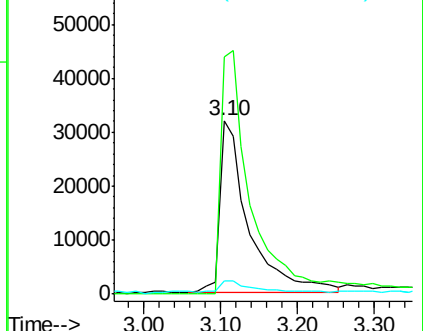
44 7.8 5.8 8.6

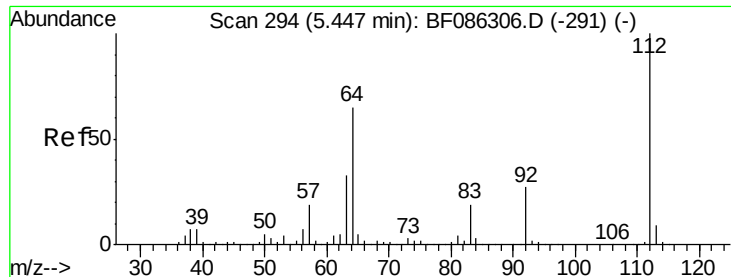


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 64.02 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

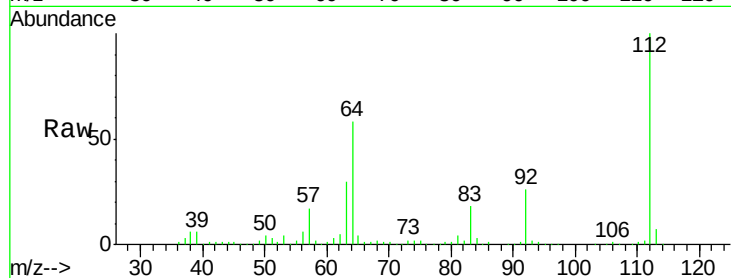
Tgt Ion: 112 Resp: 647409

Ion Ratio Lower Upper

112 100

64 57.6 52.1 78.1

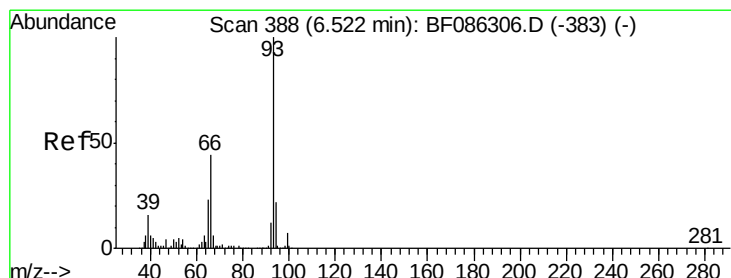
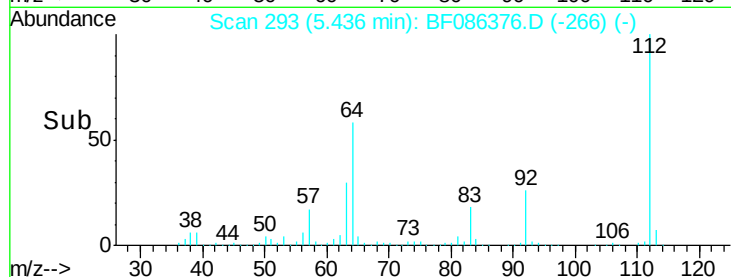
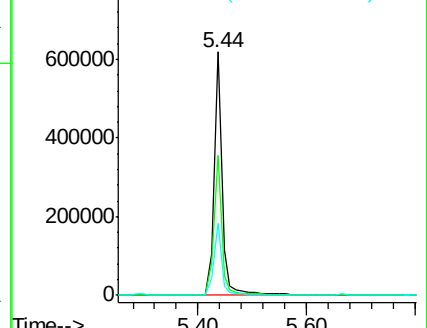
63 29.9 25.7 38.5



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: 21.14 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

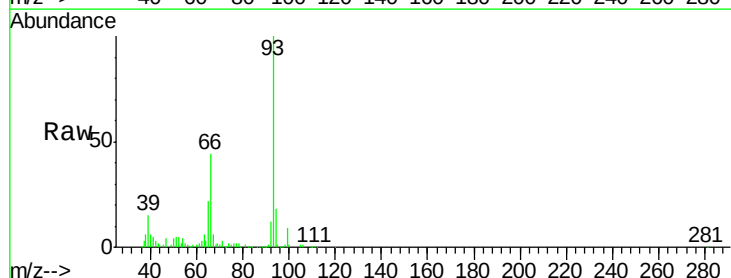
Tgt Ion: 93 Resp: 354711

Ion Ratio Lower Upper

93 100

66 43.7 39.0 58.6

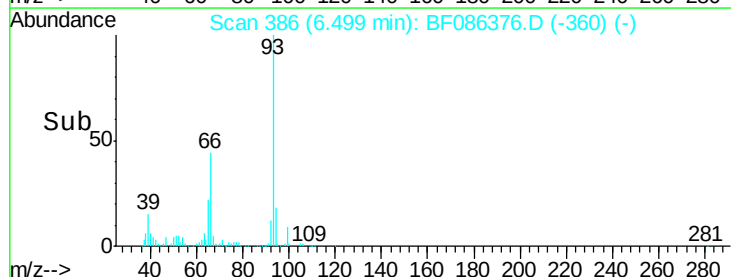
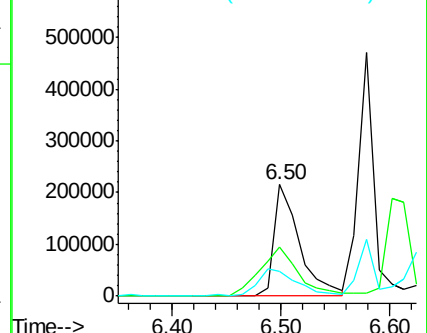
65 22.4 20.6 31.0

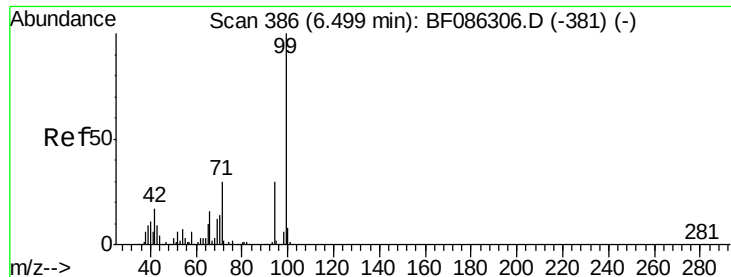


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.21 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086376.D

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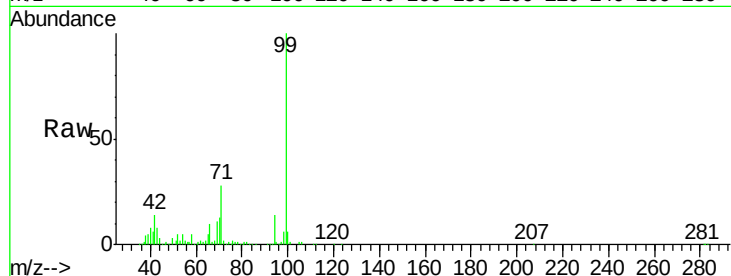
Tgt Ion: 99 Resp: 594079

Ion Ratio Lower Upper

99 100

42 14.4 13.6 20.4

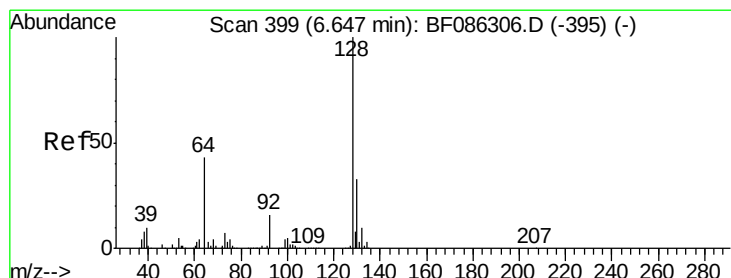
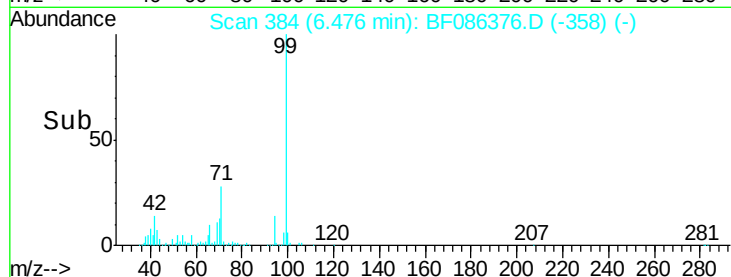
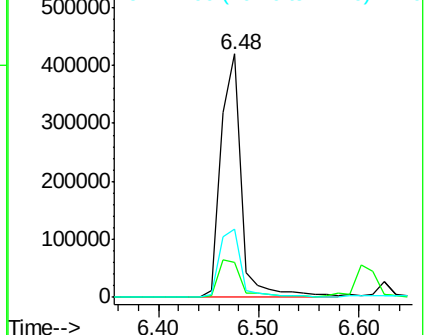
71 28.3 24.6 36.8



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: 33.94 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

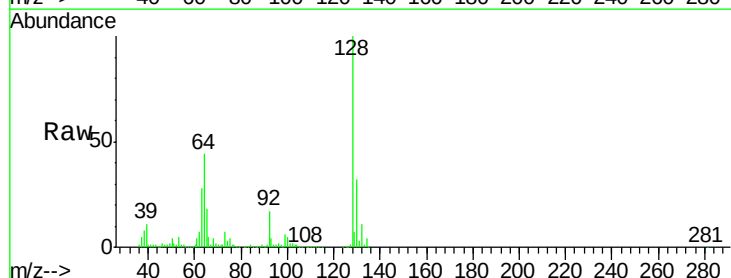
Tgt Ion: 128 Resp: 419061

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

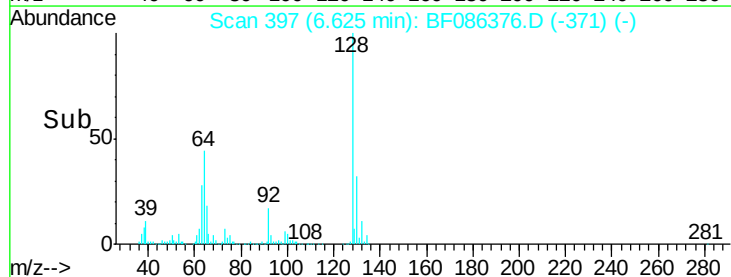
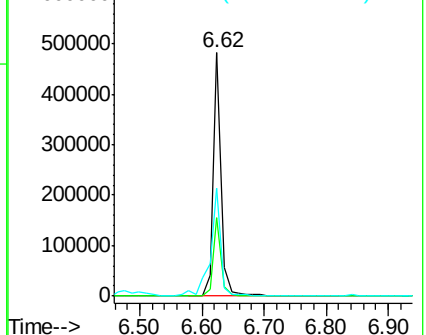
64 44.5 27.3 67.3

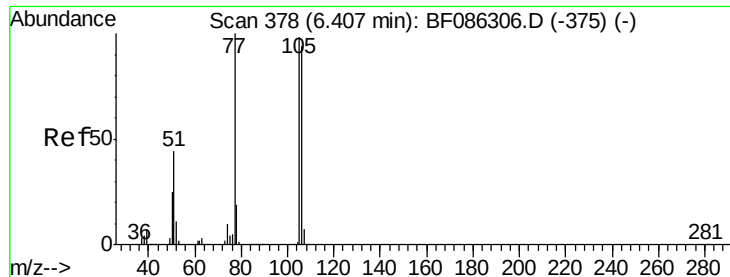


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.32 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

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MW-11MS

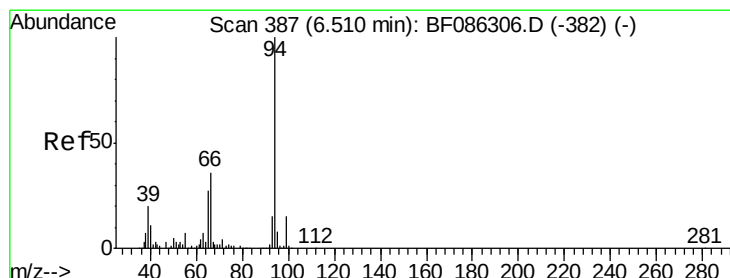
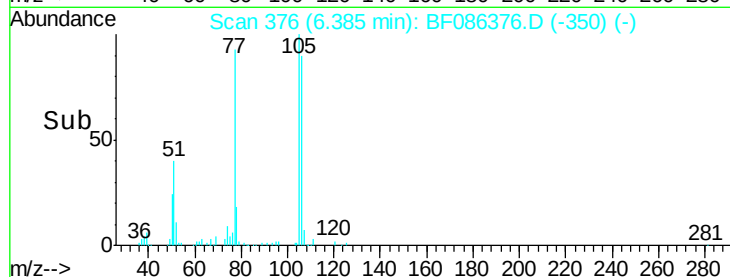
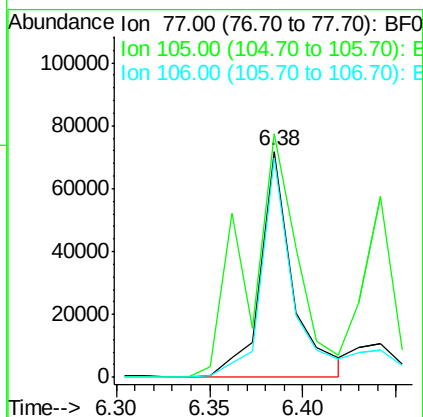
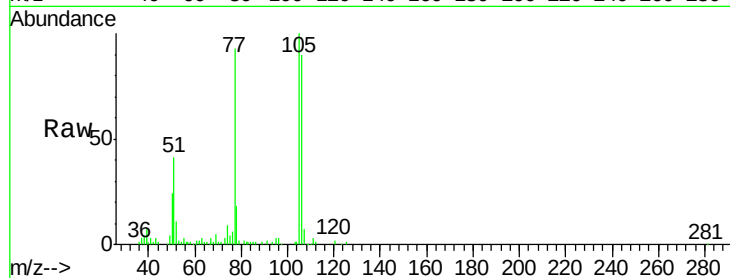
Tgt Ion: 77 Resp: 86193

Ion Ratio Lower Upper

77 100

105 107.9 72.7 112.7

106 97.2 70.8 110.8



#10

Phenol

Concen: 14.74 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

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Acq: 23 Apr 2016 7:47

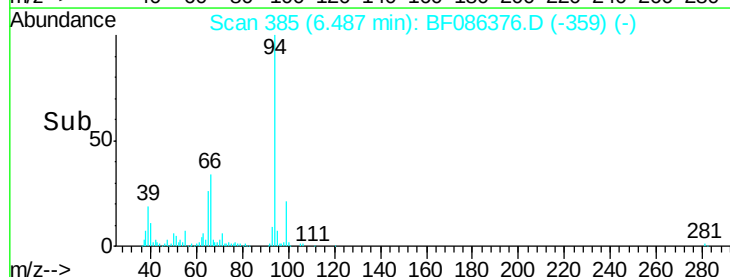
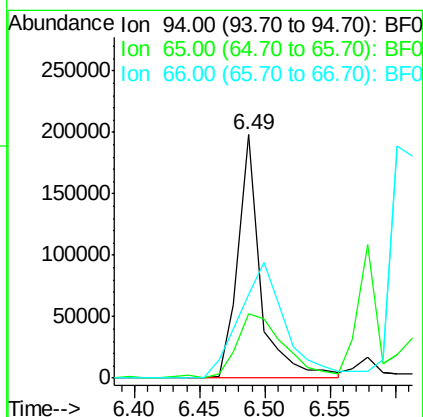
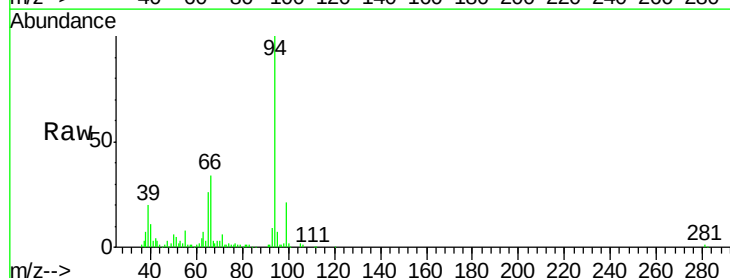
Tgt Ion: 94 Resp: 239269

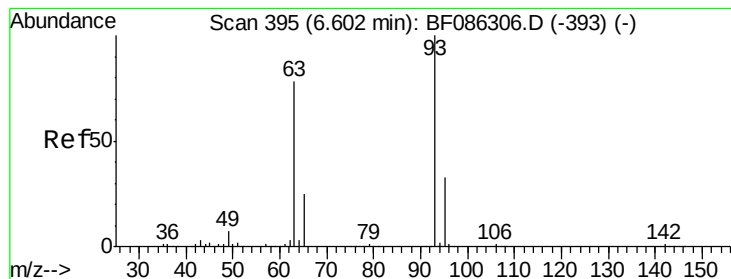
Ion Ratio Lower Upper

94 100

65 26.4 7.2 47.2

66 34.5 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 35.28 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

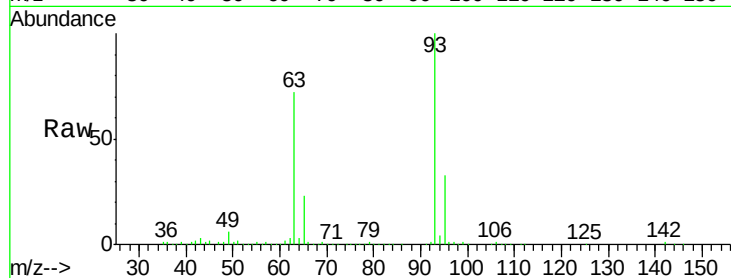
Tgt Ion: 93 Resp: 498597

Ion Ratio Lower Upper

93 100

63 72.1 58.0 98.0

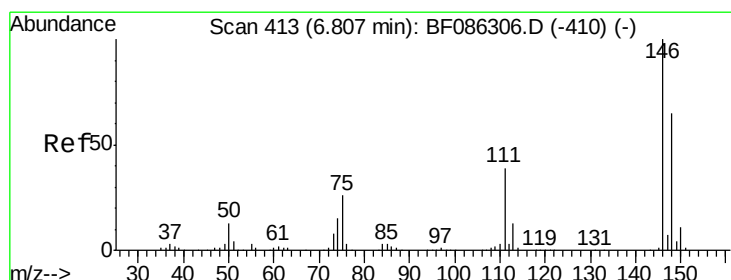
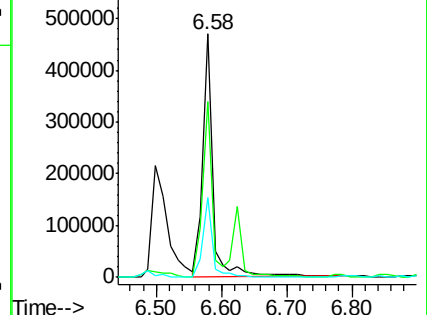
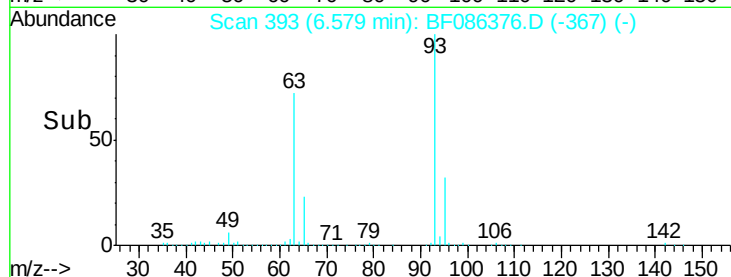
95 32.6 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.97 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

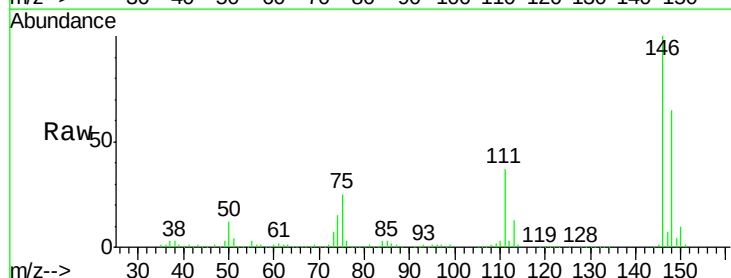
Tgt Ion: 146 Resp: 473553

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

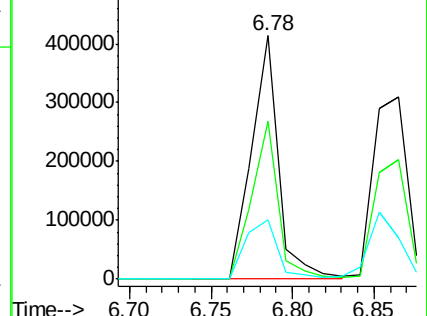
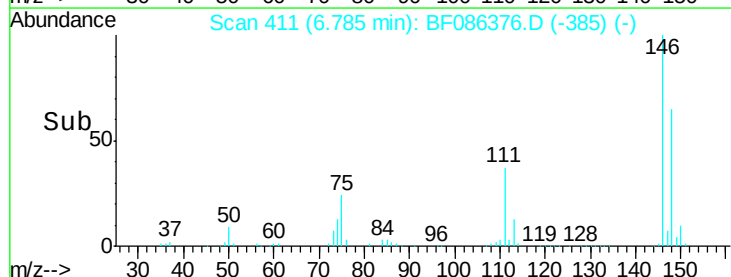
75 24.5 22.8 34.2

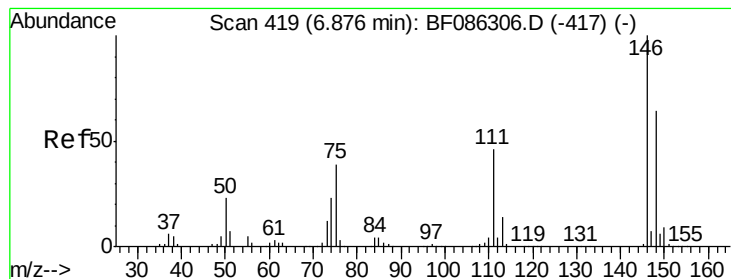


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 33.42 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

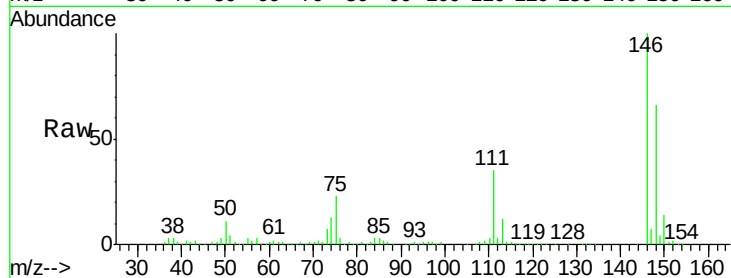
Tgt Ion:146 Resp: 483351

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.4

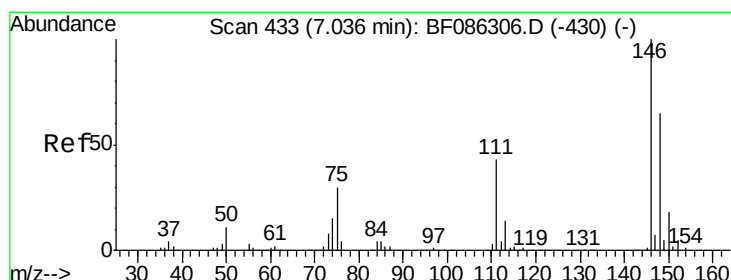
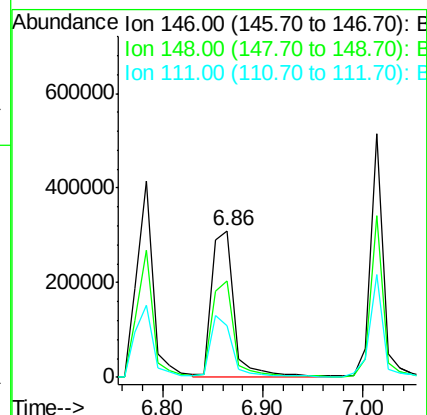
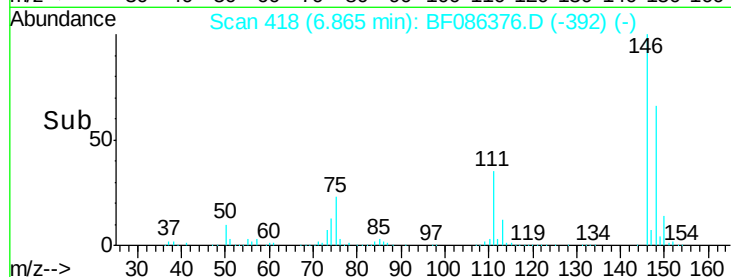
111 35.4 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.48 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

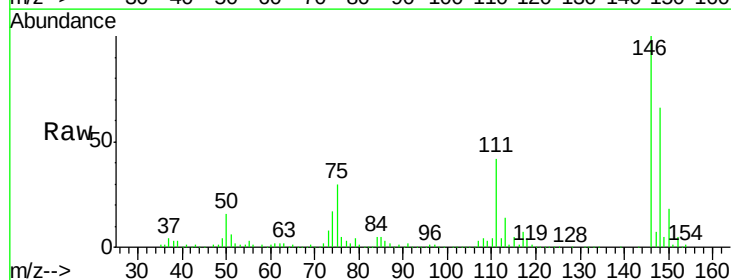
Tgt Ion:146 Resp: 453058

Ion Ratio Lower Upper

146 100

148 66.3 51.0 76.6

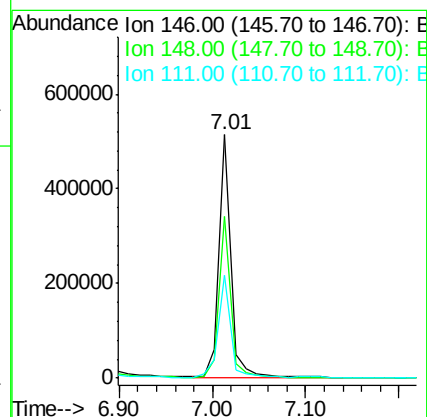
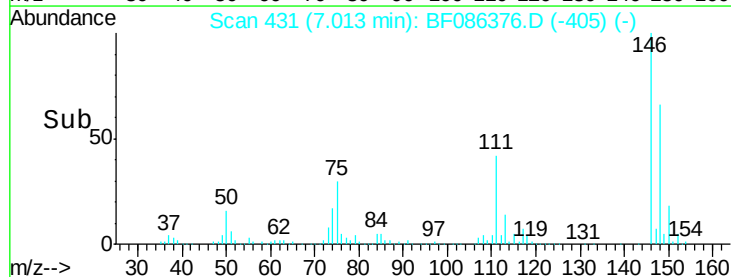
111 42.4 36.2 54.4

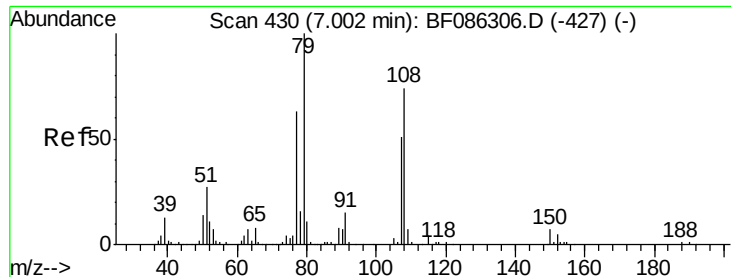


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.33 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

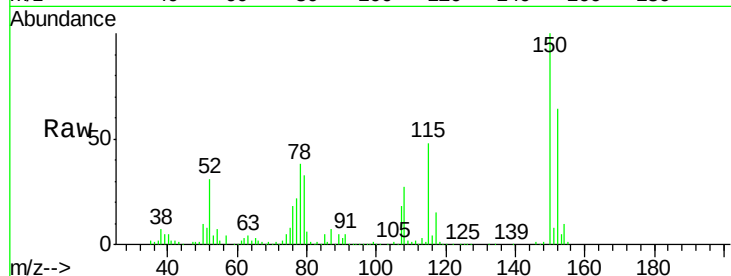
Tgt Ion: 79 Resp: 255634

Ion Ratio Lower Upper

79 100

108 82.3 68.4 102.6

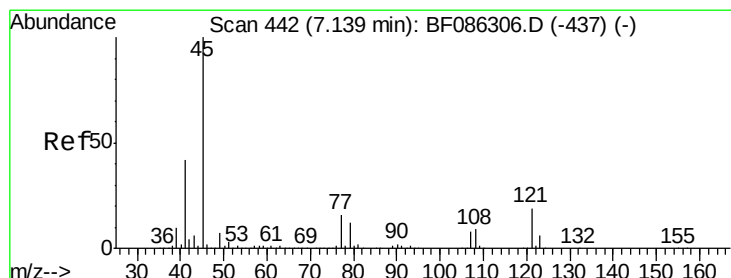
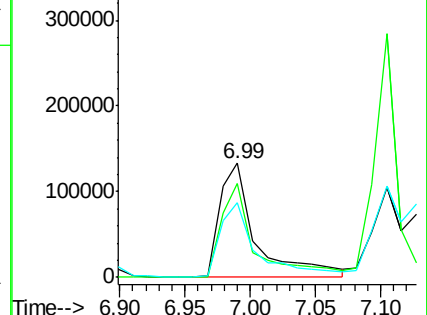
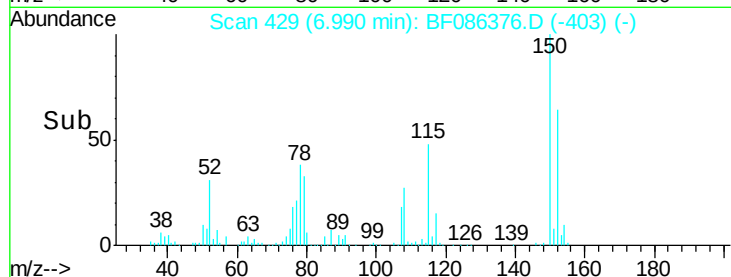
77 65.3 50.6 76.0



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: 34.68 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

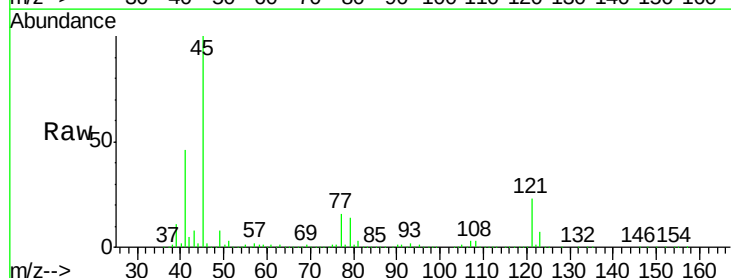
Tgt Ion: 45 Resp: 642393

Ion Ratio Lower Upper

45 100

77 16.0 0.0 36.4

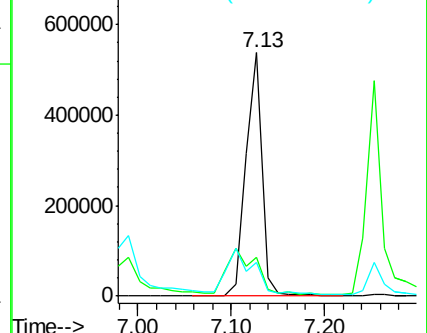
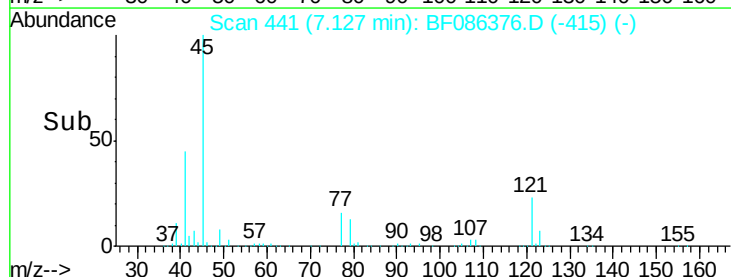
79 13.6 0.0 33.4

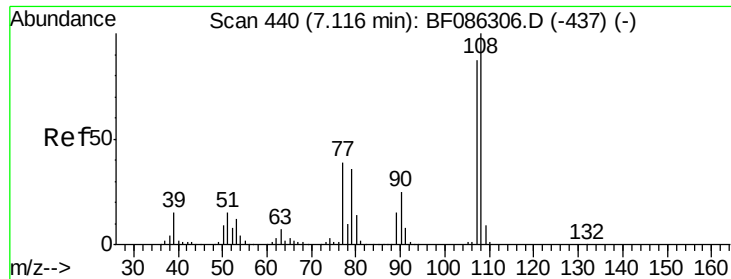


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

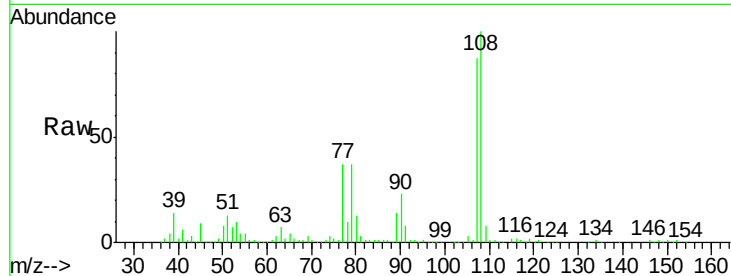




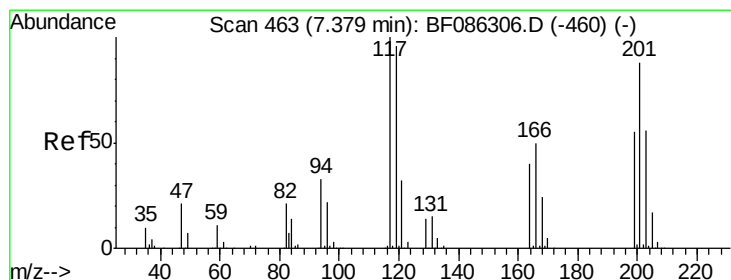
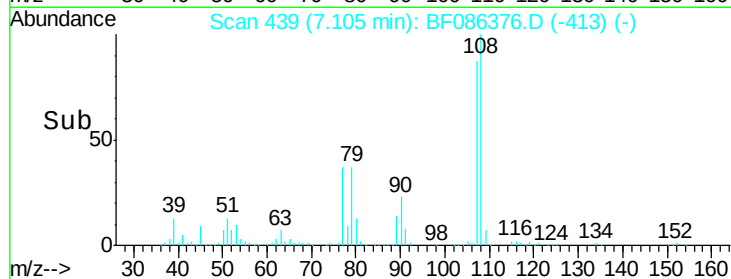
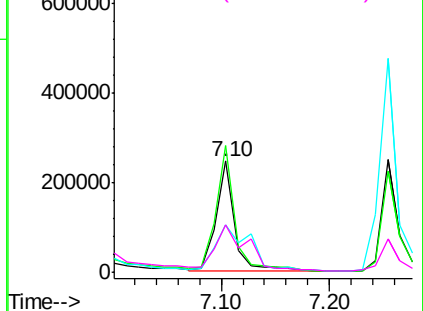
#17
2-Methylphenol
Concen: 29.43 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tgt Ion:107 Resp: 297689
Ion Ratio Lower Upper
107 100
108 114.5 93.7 140.5
77 42.9 33.4 50.0
79 42.2 34.3 51.5

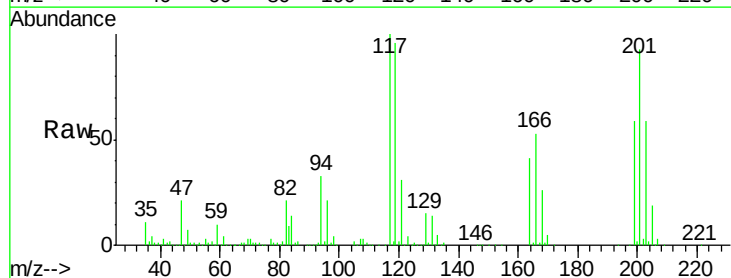


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

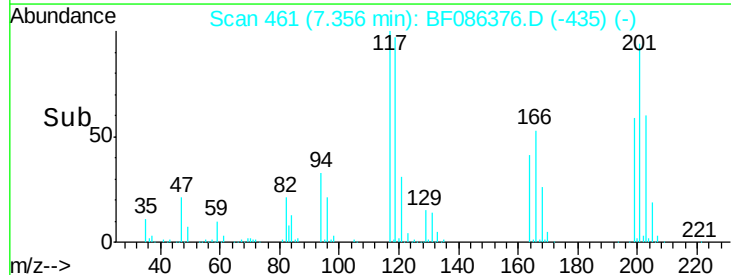
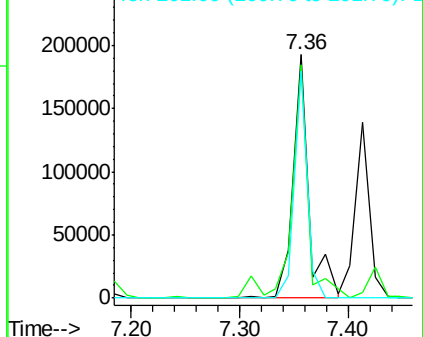


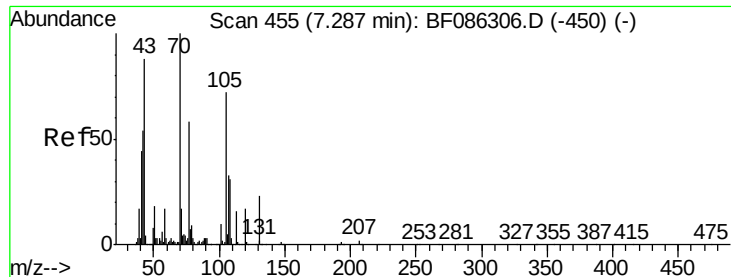
#18
Hexachloroethane
Concen: 40.88 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:117 Resp: 199126
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 93.1 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

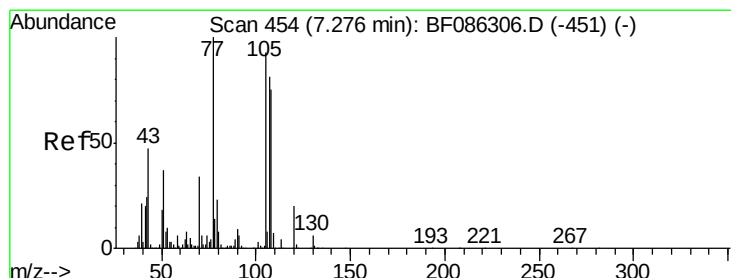
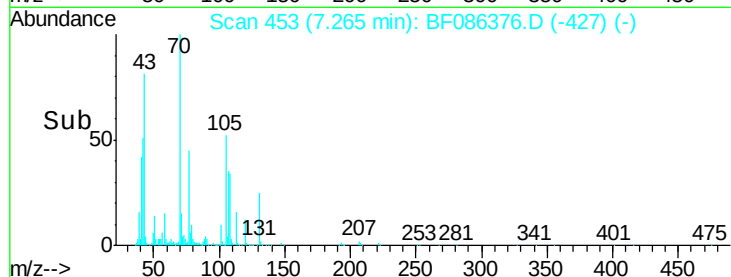
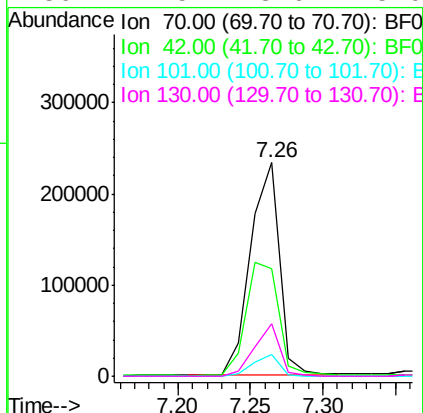
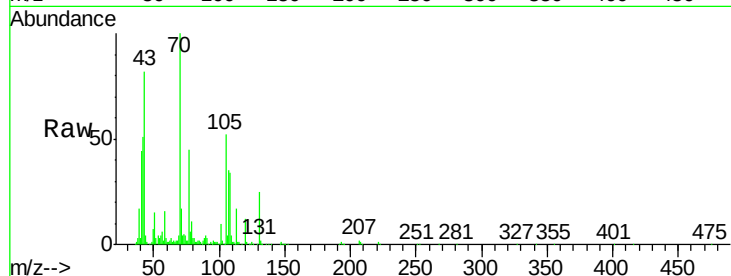




#19
n-Nitroso-di-n-propylamine
Concen: 39.39 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

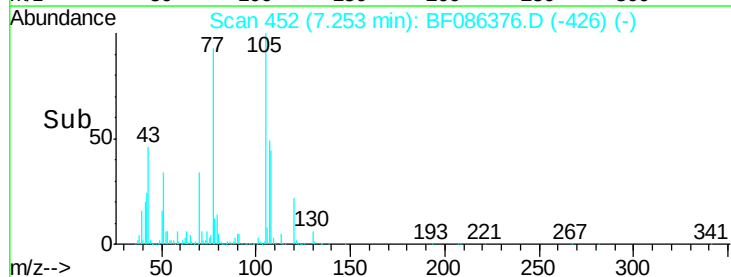
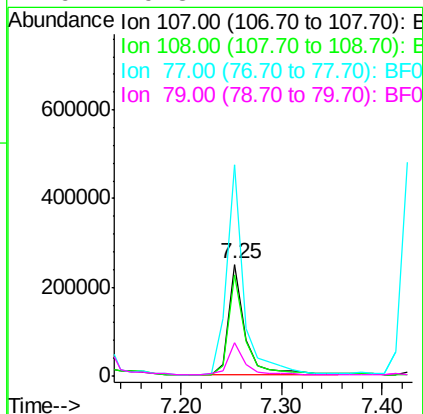
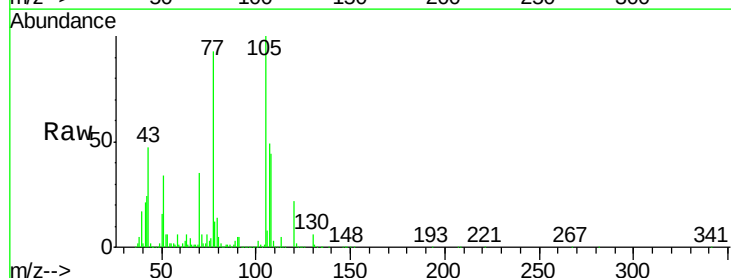
Instrument :
BNA_F
ClientSampleId :
MW-11MS

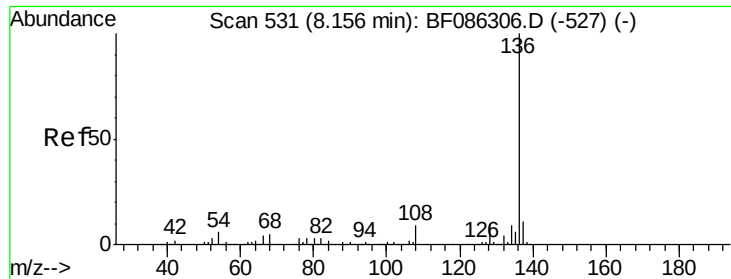
Tgt Ion:	70	Resp:	323559
Ion	Ratio	Lower	Upper
70	100		
42	50.6	43.1	64.7
101	10.1	8.1	12.1
130	24.5	18.6	28.0



#20
3+4-Methylphenols
Concen: 26.86 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:	107	Resp:	288084
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.5	108.5
77	189.4	101.6	141.6#
79	29.3	7.4	47.4

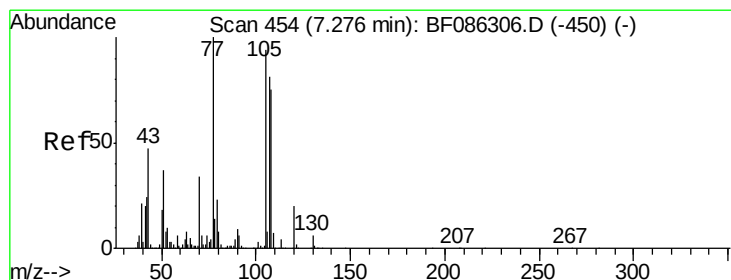
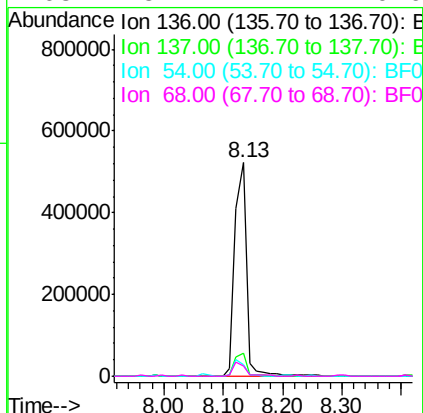
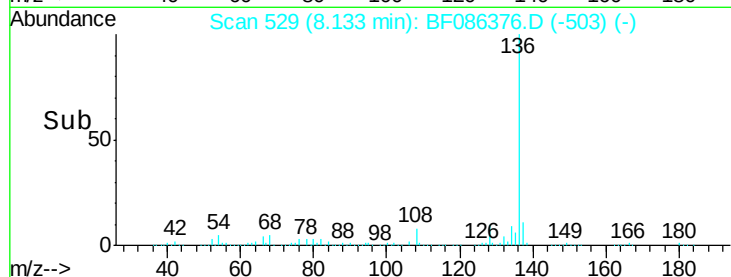
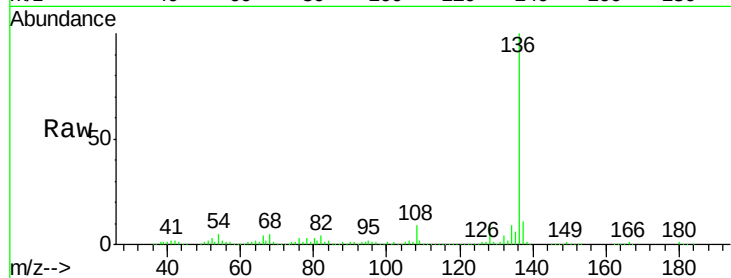




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

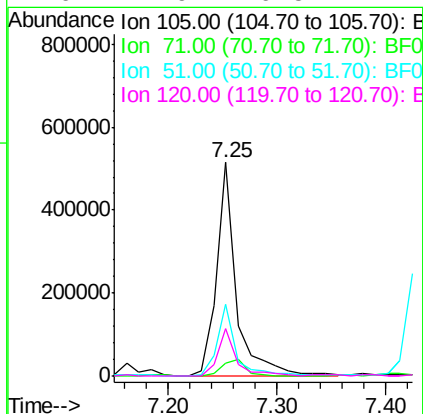
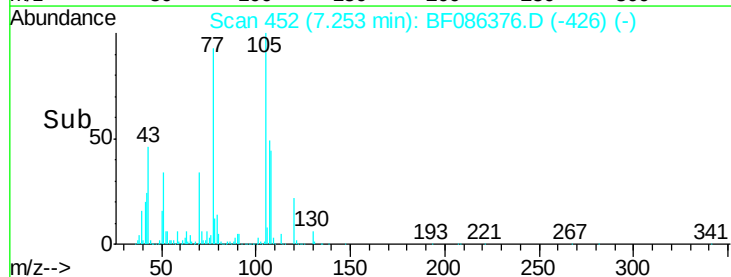
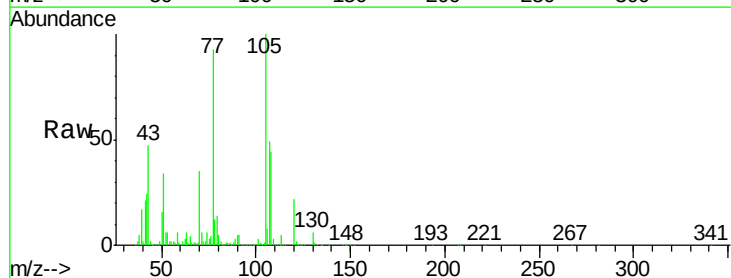
Instrument :
BNA_F
ClientSampleId :
MW-11MS

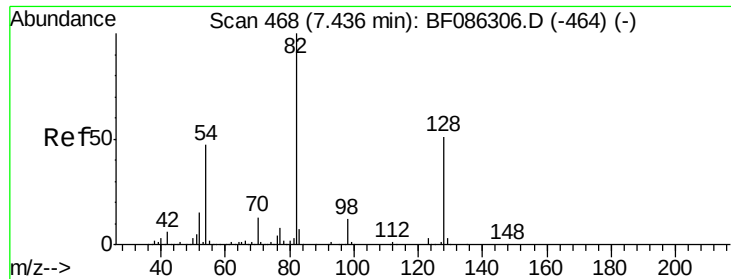
Tgt Ion:	136	Resp:	711239
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.4	5.0	7.4
68	5.1	4.4	6.6



#22
Acetophenone
Concen: 43.80 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:	105	Resp:	653586
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.8	7.2
51	33.9	32.6	49.0
120	21.9	16.5	24.7

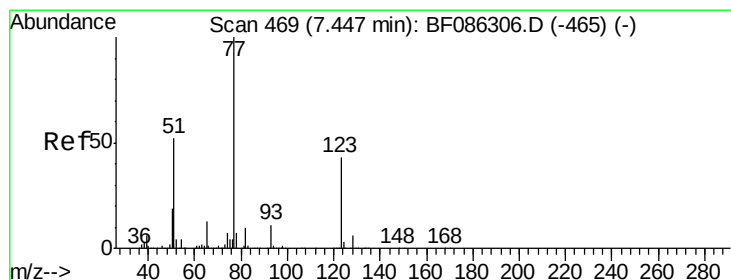
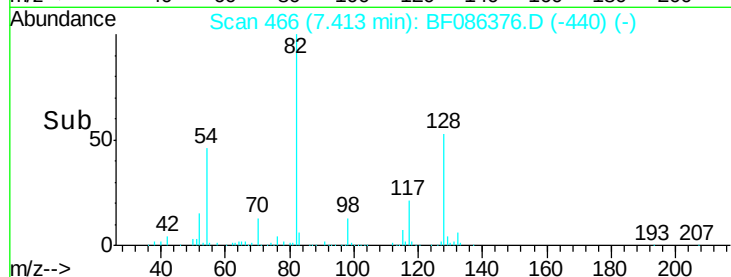
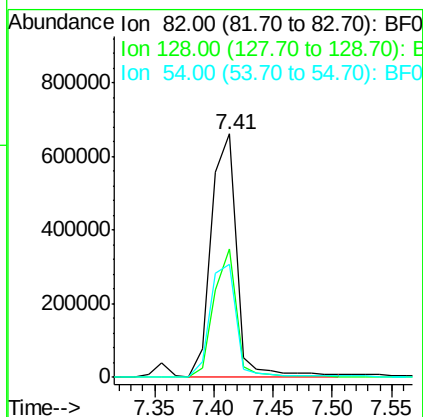
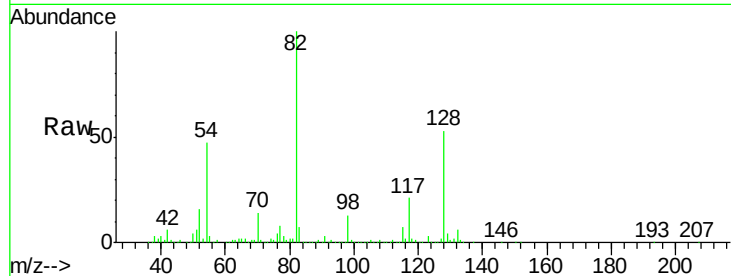




#23
 Nitrobenzene-d5
 Concen: 80.83 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

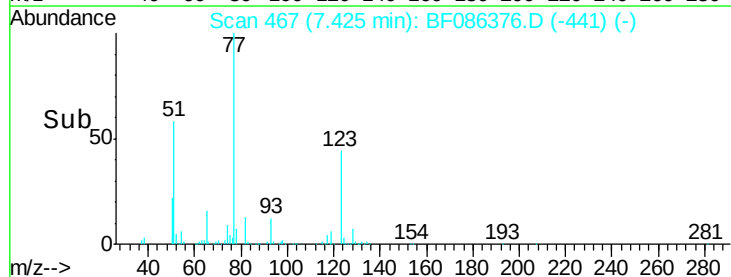
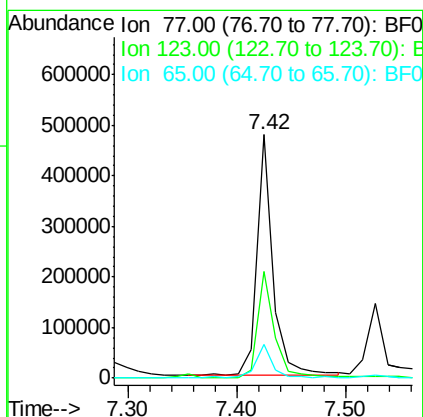
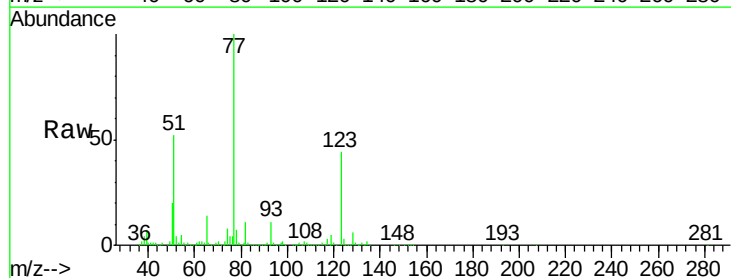
Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

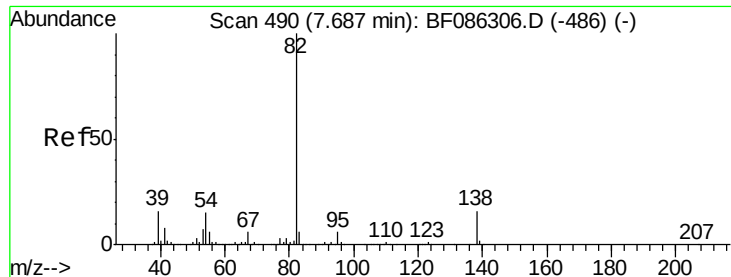
Tgt Ion: 82 Resp: 970510
 Ion Ratio Lower Upper
 82 100
 128 52.6 40.6 61.0
 54 46.6 38.1 57.1



#24
 Nitrobenzene
 Concen: 38.23 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion: 77 Resp: 492352
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.0 49.4
 65 13.7 10.8 16.2





#25

Isophorone

Concen: 38.67 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

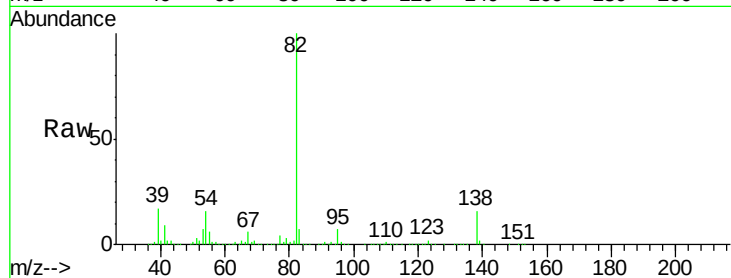
Tgt Ion: 82 Resp: 909939

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

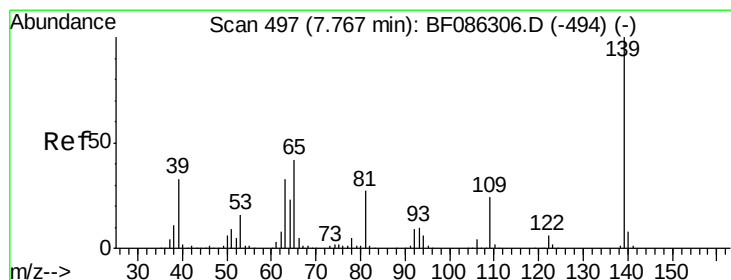
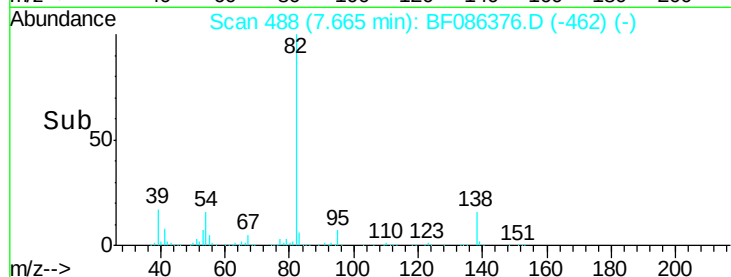
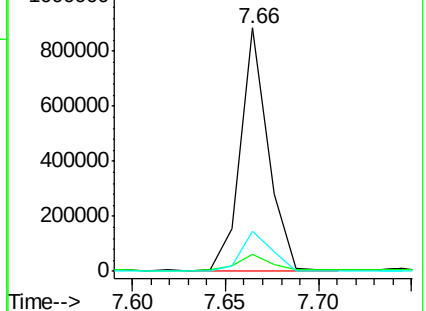
138 16.4 12.4 18.6



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: 43.32 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

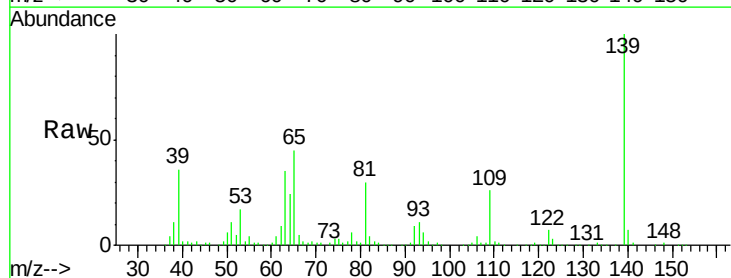
Tgt Ion: 139 Resp: 275665

Ion Ratio Lower Upper

139 100

109 25.6 19.5 29.3

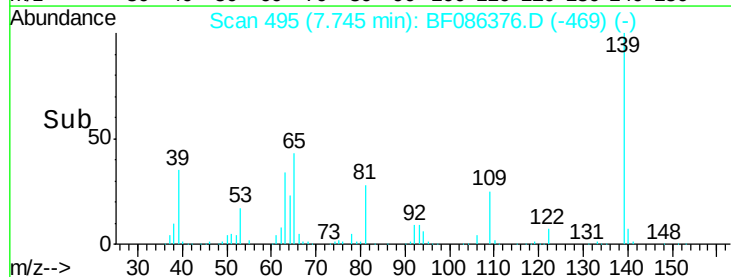
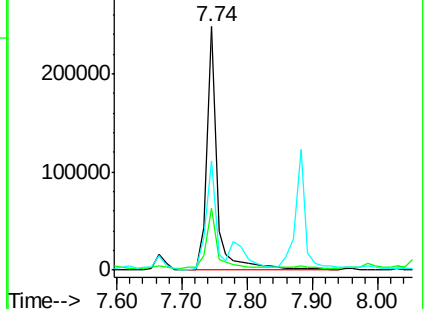
65 44.8 37.5 56.3

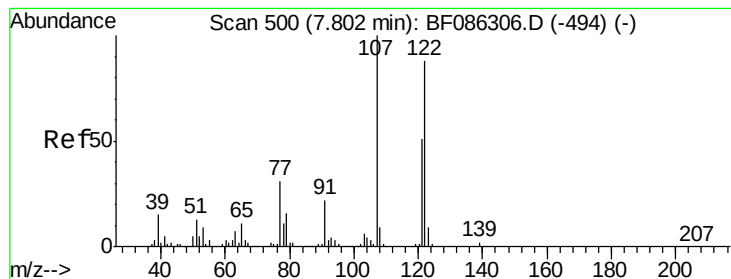


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.96 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

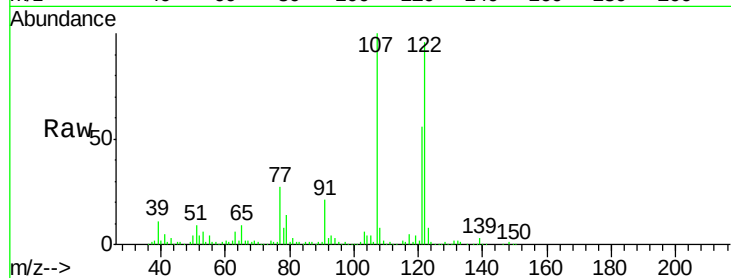
Tgt Ion:122 Resp: 402692

Ion Ratio Lower Upper

122 100

107 103.7 82.0 123.0

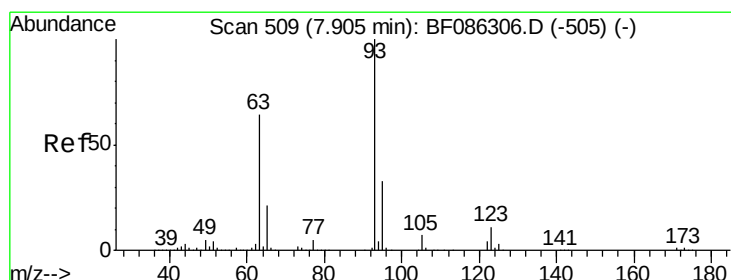
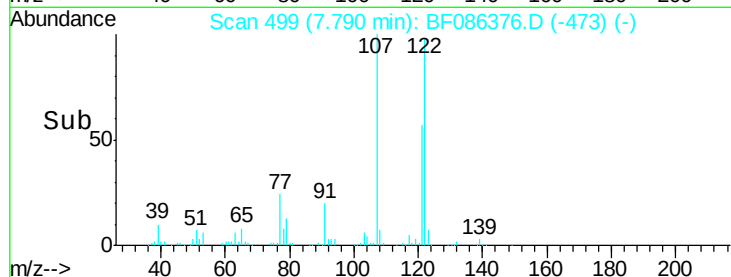
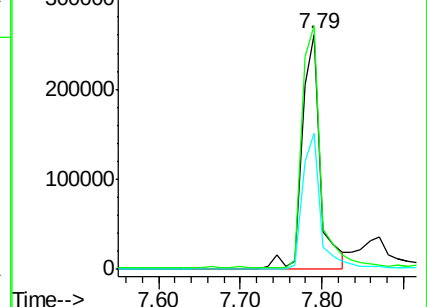
121 58.1 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.27 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

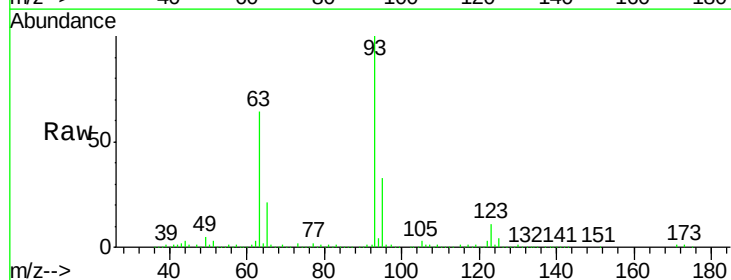
Tgt Ion: 93 Resp: 594804

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

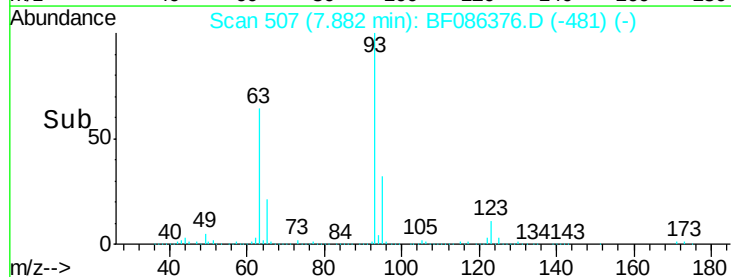
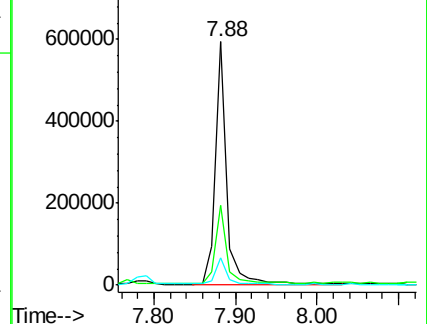
123 11.1 9.5 14.3

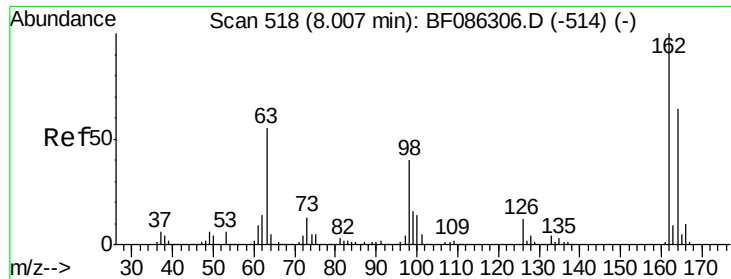


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

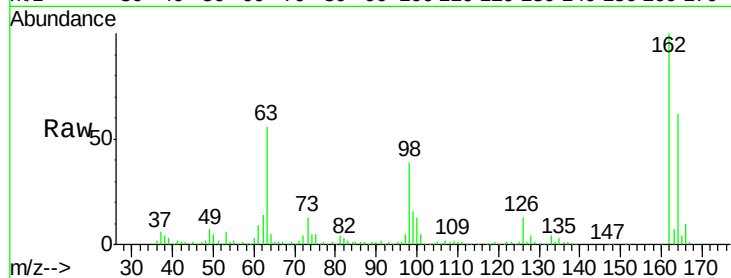




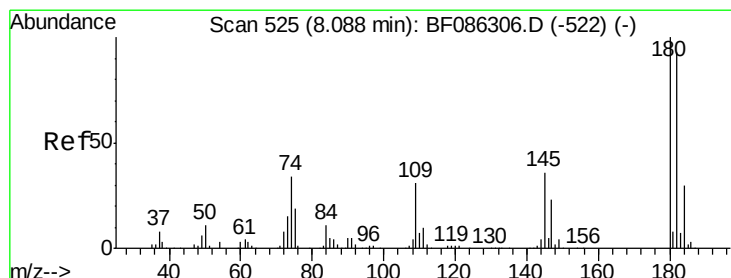
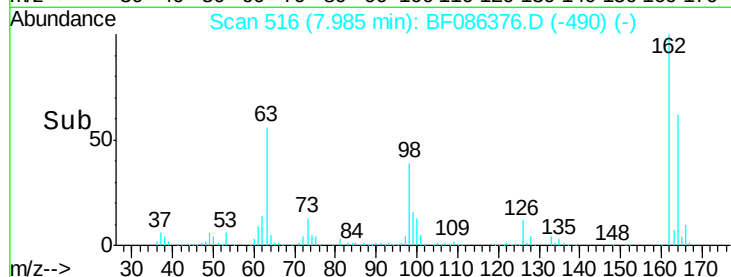
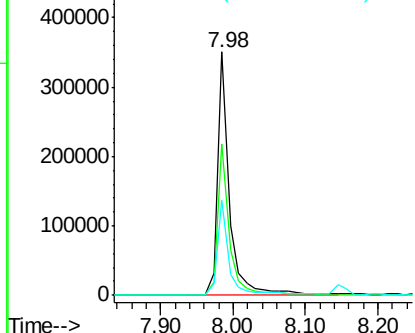
#29
 2,4-Dichlorophenol
 Concen: 44.34 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.2	82.2
98	39.0	19.0	59.0

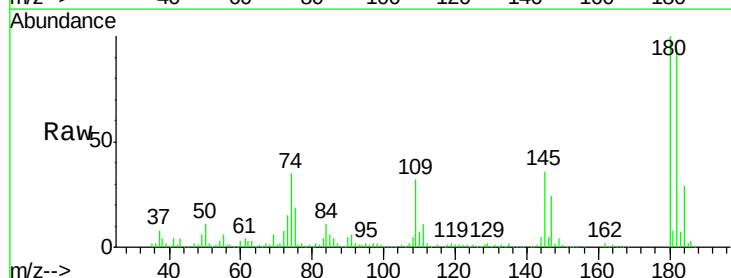


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

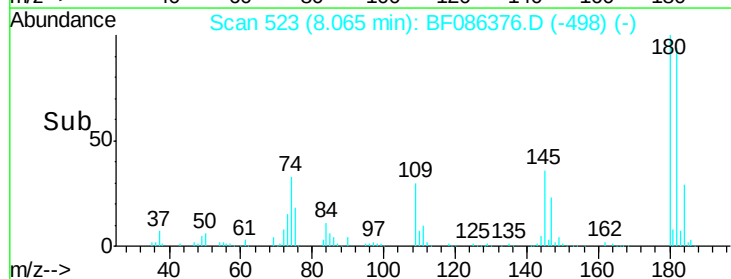
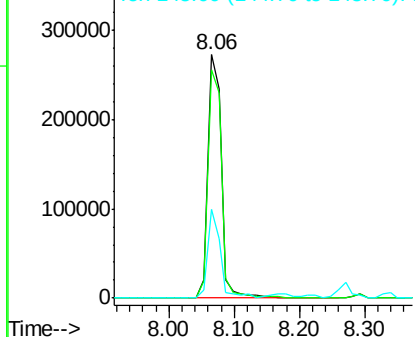


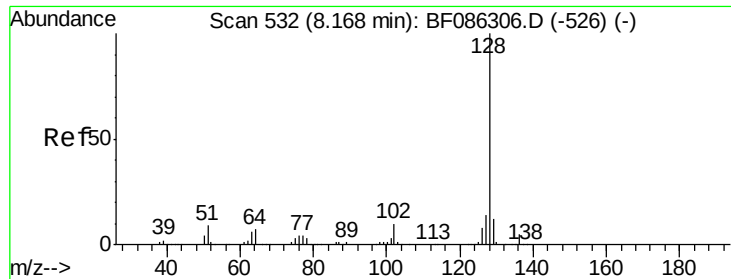
#30
 1,2,4-Trichlorobenzene
 Concen: 40.65 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.0	117.0
145	36.3	24.2	36.2



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

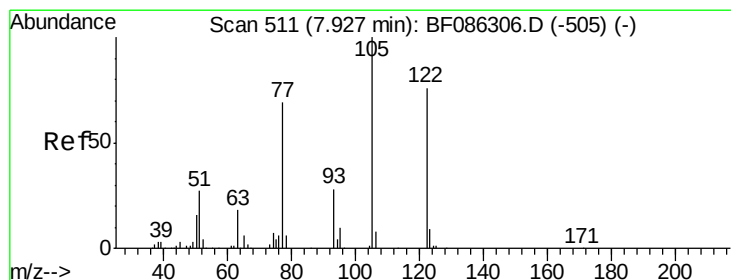
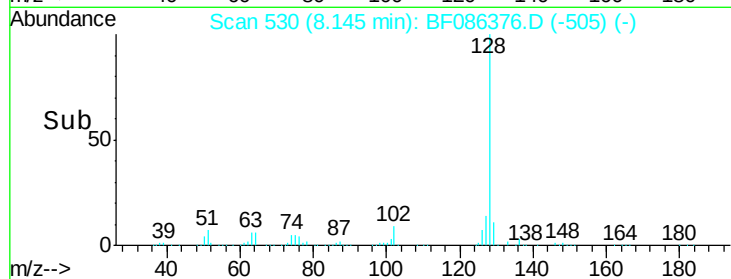
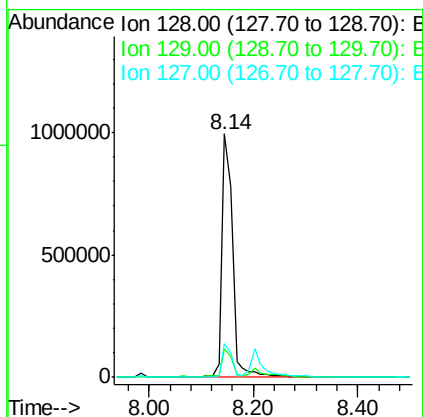
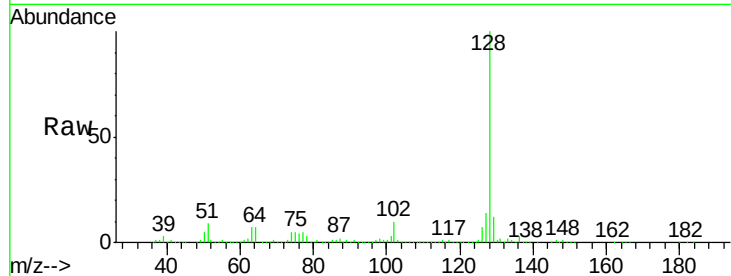




#31
Naphthalene
Concen: 38.67 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

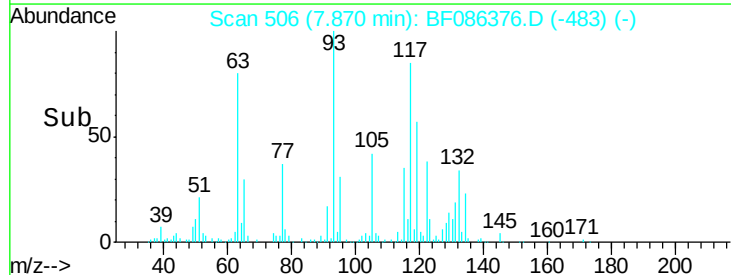
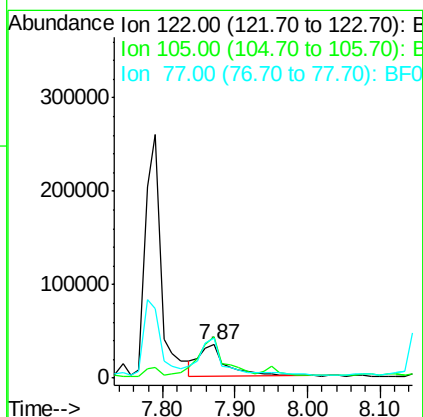
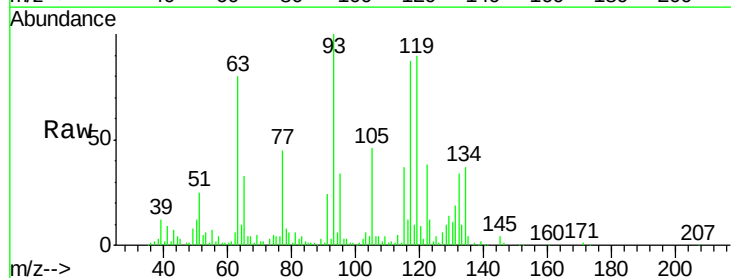
Instrument :
BNA_F
ClientSampleId :
MW-11MS

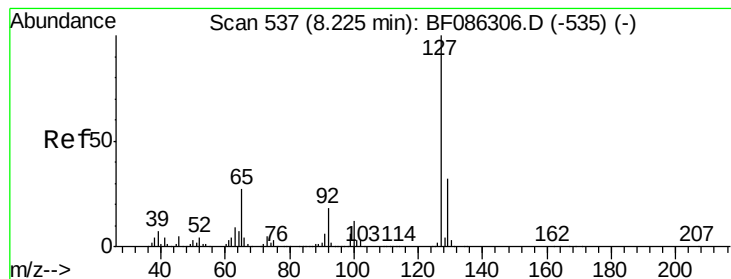
Tgt Ion:128 Resp: 1400984
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 13.50 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:122 Resp: 94028
Ion Ratio Lower Upper
122 100
105 122.2 92.6 132.6
77 118.6 60.0 100.0#





#33

4-Chloroaniline

Concen: 14.14 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tgt Ion:127 Resp: 199554

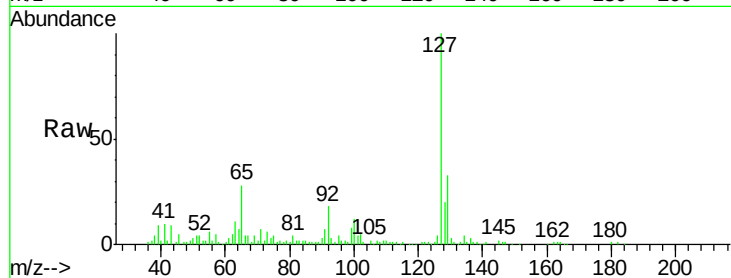
Ion Ratio Lower Upper

127 100

129 32.7 26.2 39.4

65 27.5 23.0 34.4

92 18.1 15.1 22.7

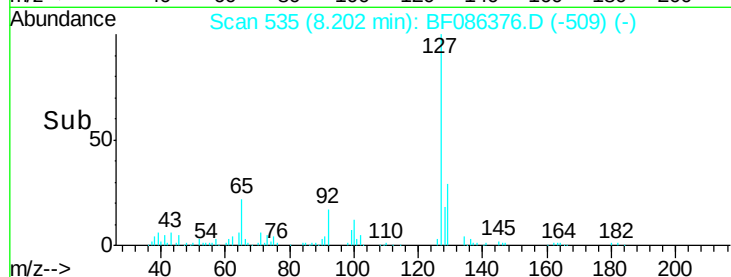


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

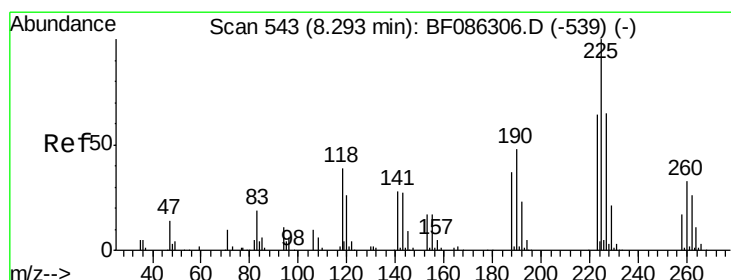
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Abundance

Time-->



#34

Hexachlorobutadiene

Concen: 39.69 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

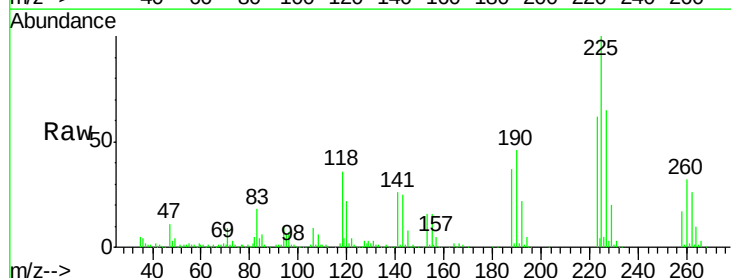
Tgt Ion:225 Resp: 193914

Ion Ratio Lower Upper

225 100

223 62.3 51.5 77.3

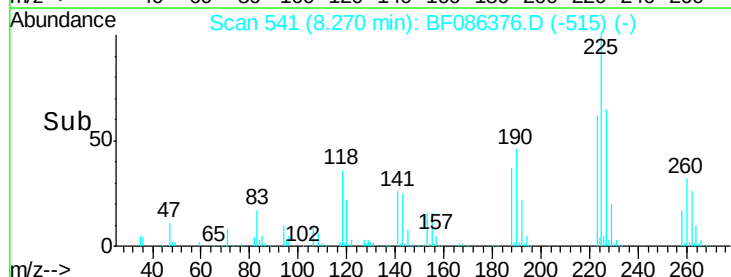
227 64.7 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

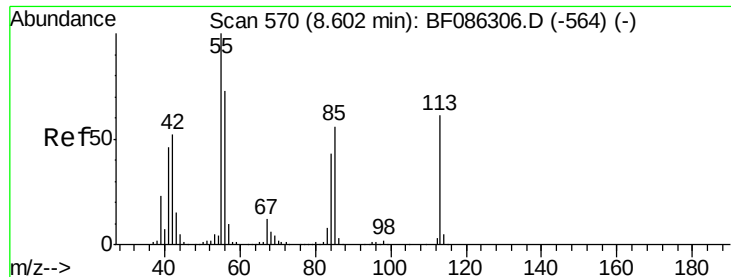
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Abundance

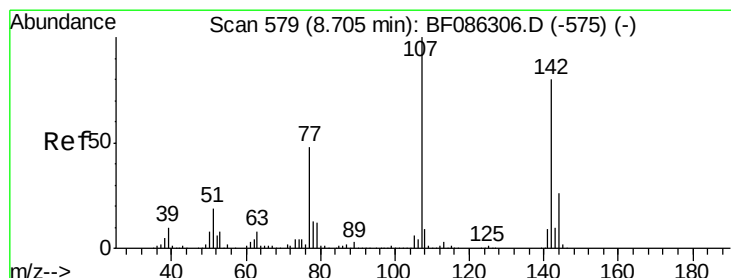
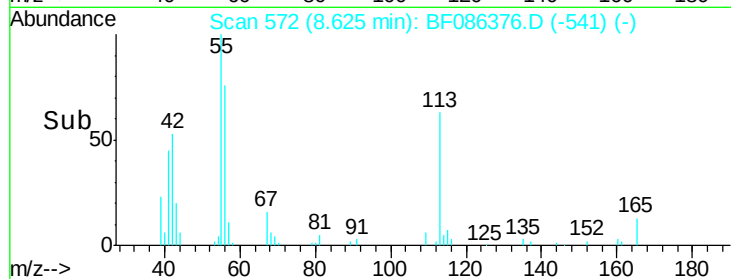
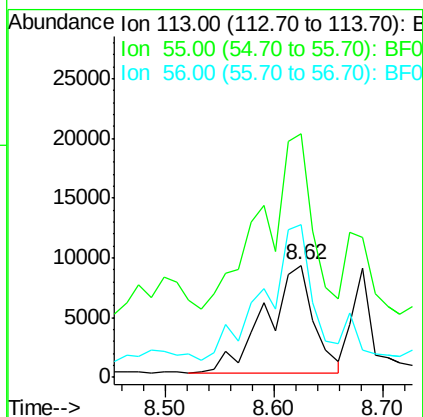
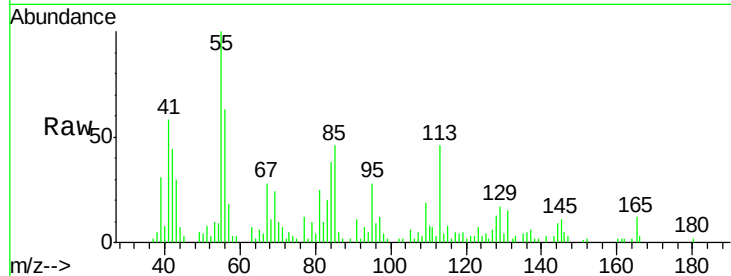
Time-->



#35
 Caprolactam
 Concen: 8.50 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.06 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

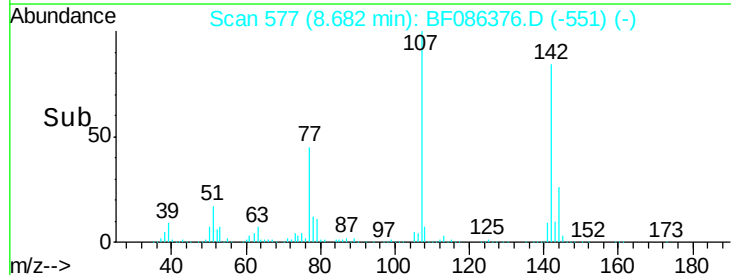
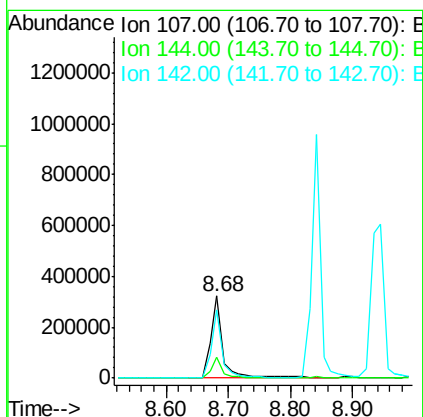
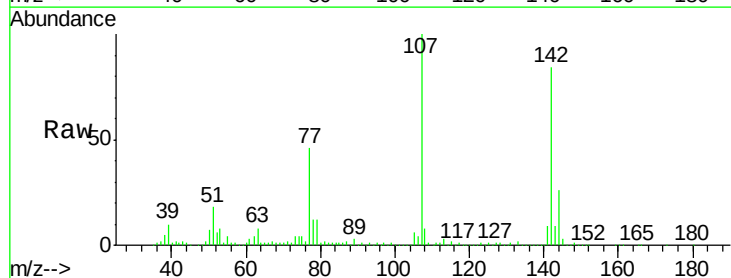
Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

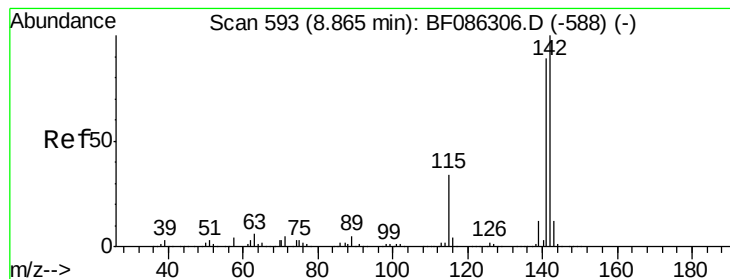
Tgt Ion:113 Resp: 27461
 Ion Ratio Lower Upper
 113 100
 55 217.9 162.0 202.0#
 56 136.3 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.22 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:107 Resp: 419876
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.7 31.1
 142 83.5 63.2 94.8





#37

2-Methylnaphthalene

Concen: 45.13 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

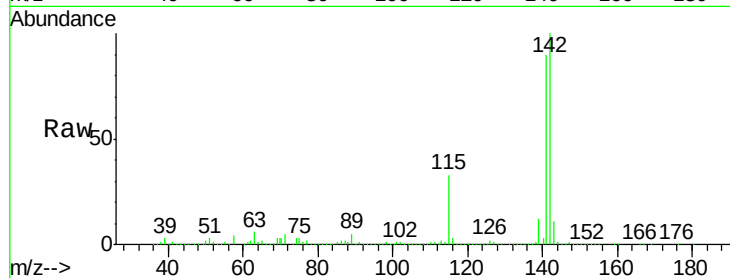
Tgt Ion:142 Resp: 943088

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

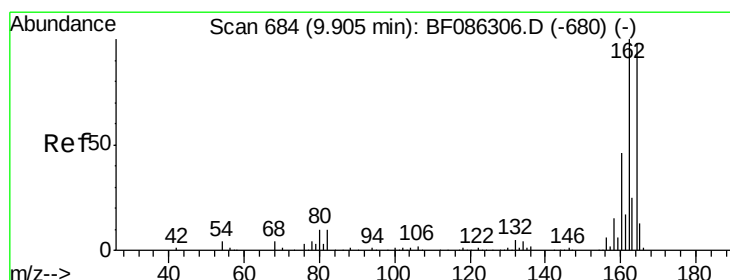
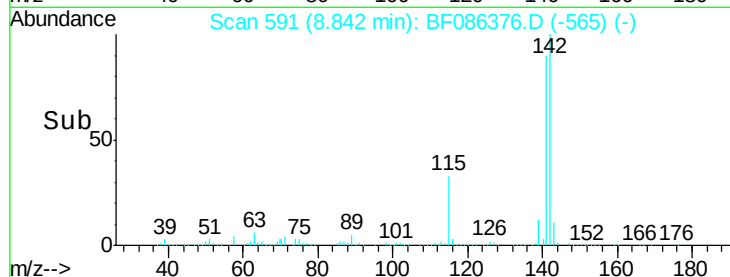
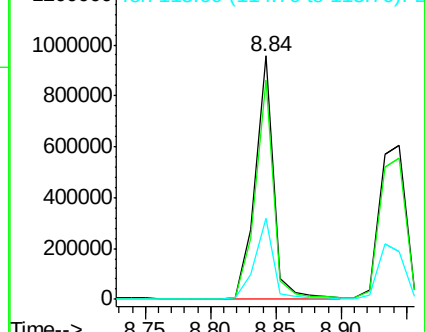
115 33.1 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

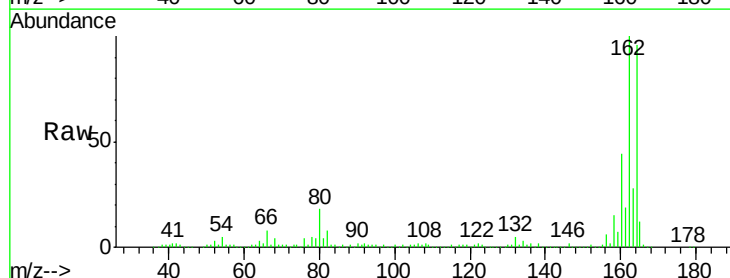
Tgt Ion:164 Resp: 349650

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

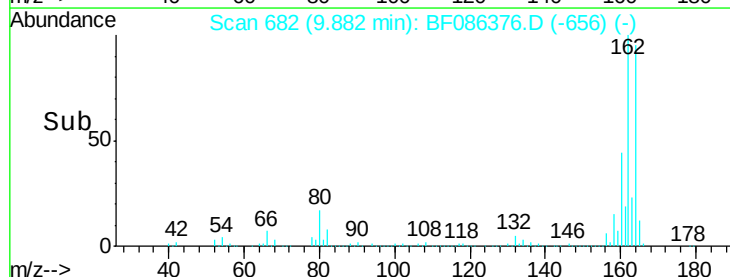
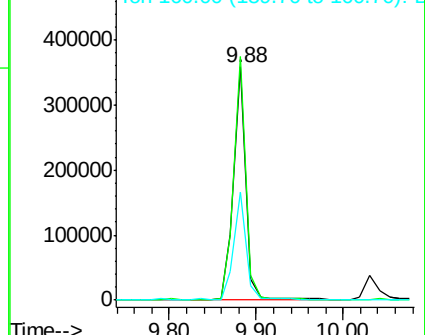
160 46.3 36.9 55.3

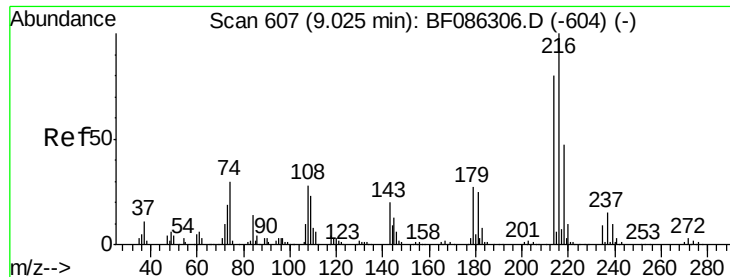


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

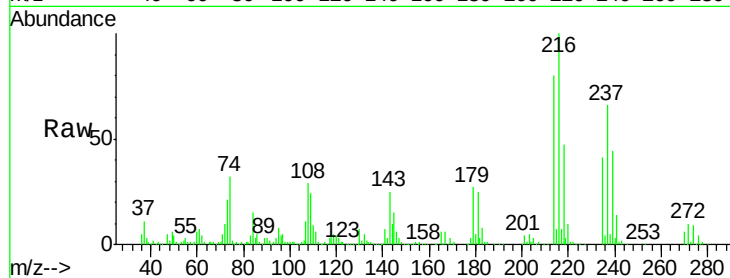




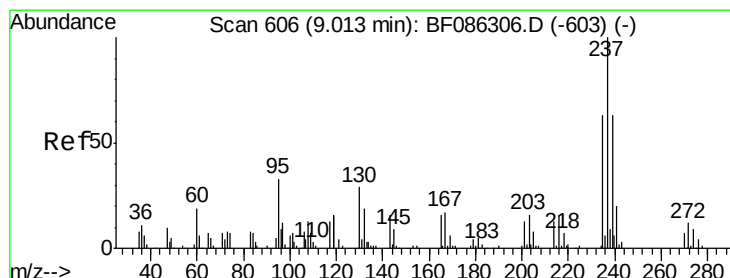
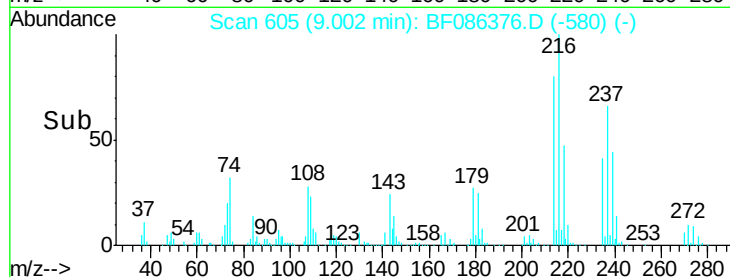
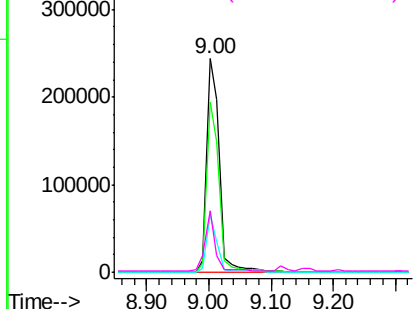
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.11 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tgt Ion:	216	Resp:	344779
Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	23.3	18.2	27.4
108	23.1	17.5	26.3

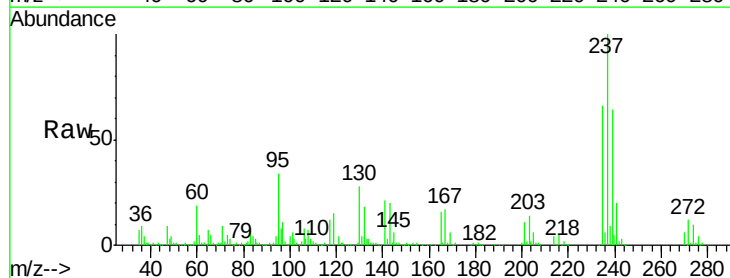


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

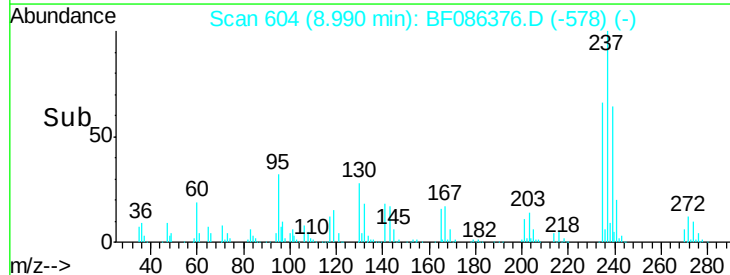
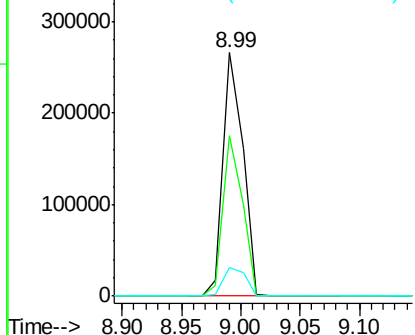


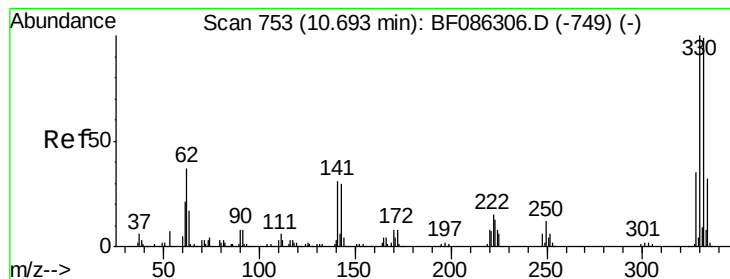
#40
 Hexachlorocyclopentadiene
 Concen: 69.52 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:	237	Resp:	307173
Ion	Ratio	Lower	Upper
237	100		
235	65.7	47.2	87.2
272	12.0	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

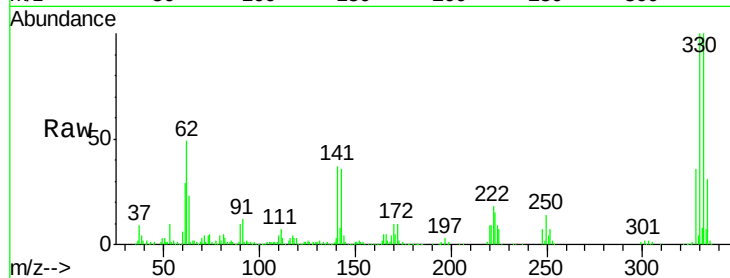




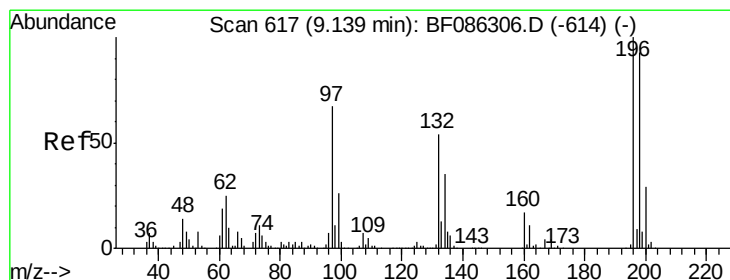
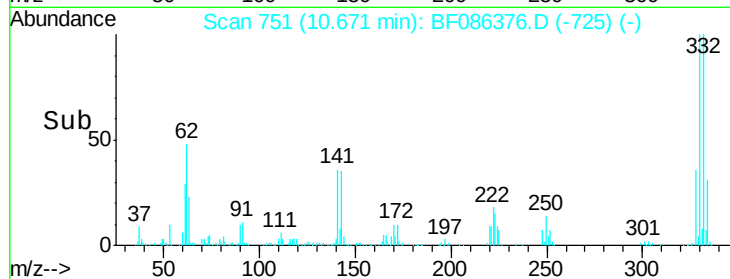
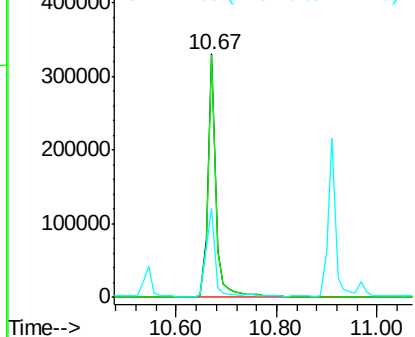
#41
 2,4,6-Tribromophenol
 Concen: 118.23 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tgt Ion:330 Resp: 374219
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 39.2 31.2 46.8

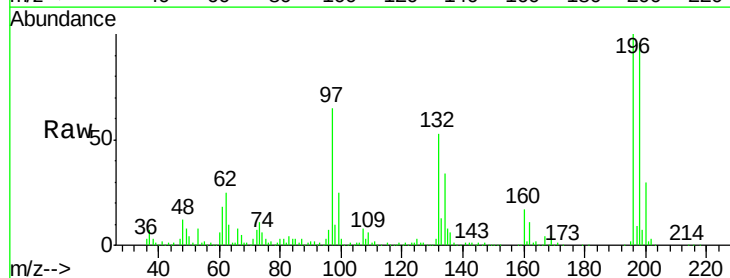


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

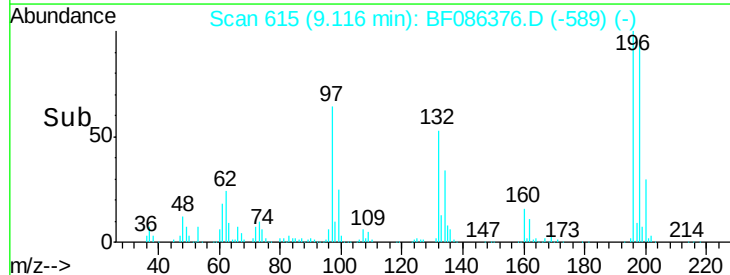
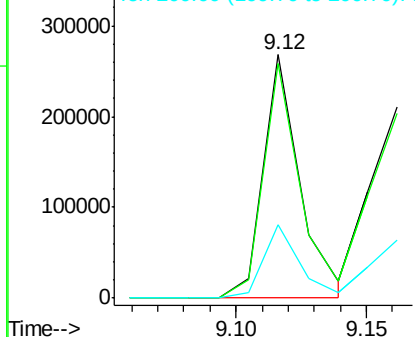


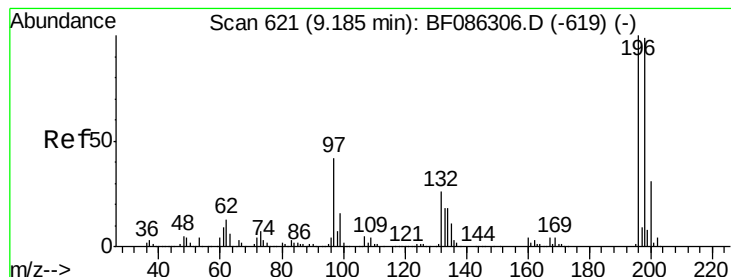
#42
 2,4,6-Trichlorophenol
 Concen: 43.70 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:196 Resp: 259190
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.7 112.1
 200 29.9 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: 39.36 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

Tgt Ion:196 Resp: 287438

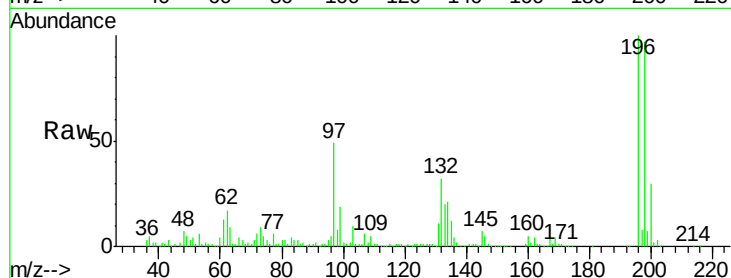
Ion Ratio Lower Upper

196 100

198 96.5 77.5 116.3

97 49.5 34.8 52.2

132 31.8 23.0 34.4

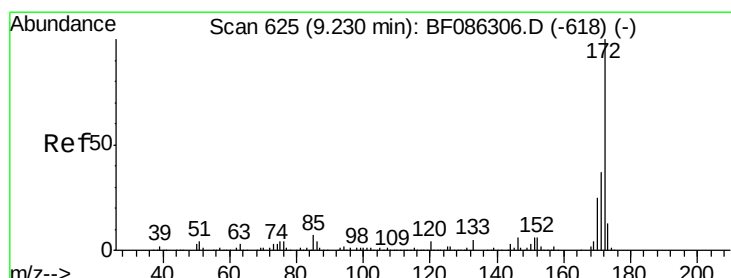
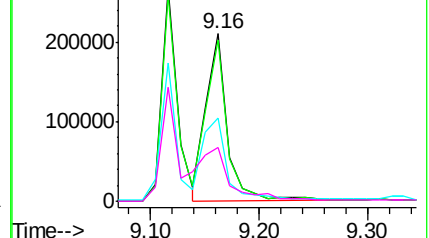
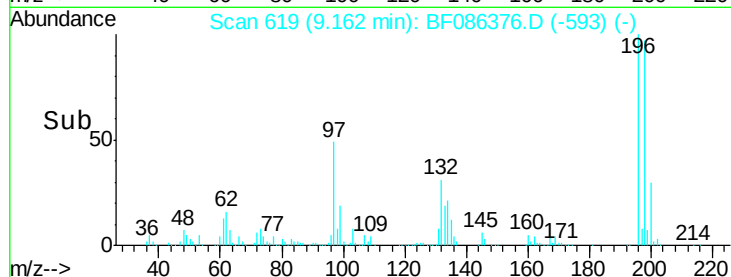


Abundance Ion 196.00 (195.70 to 196.70): E

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: 81.33 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

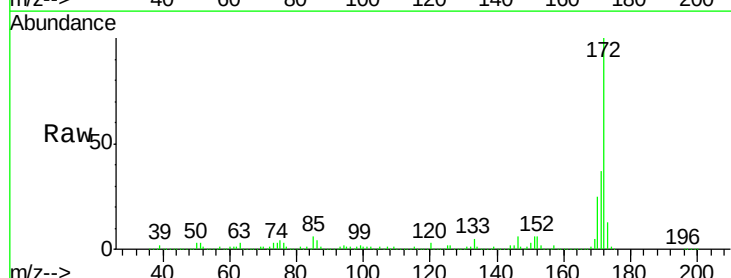
Tgt Ion:172 Resp: 1666472

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

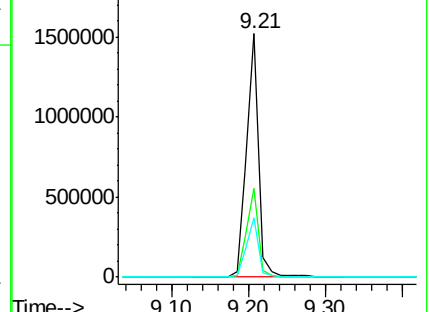
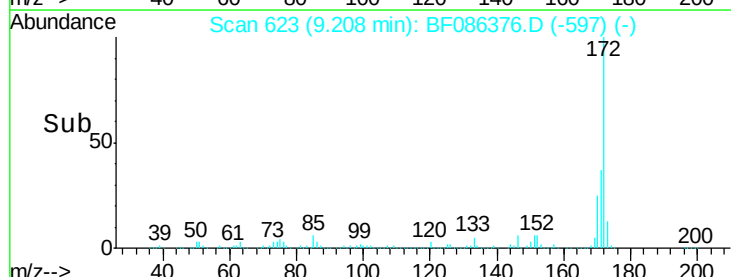
170 24.6 19.8 29.8

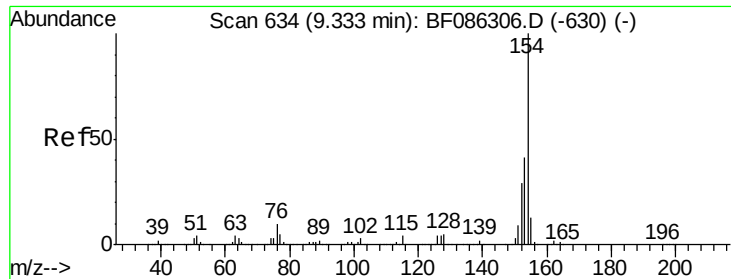


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

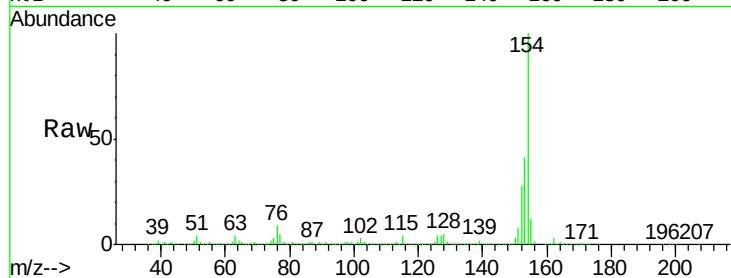




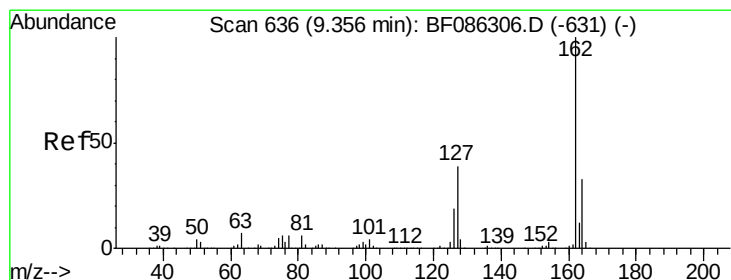
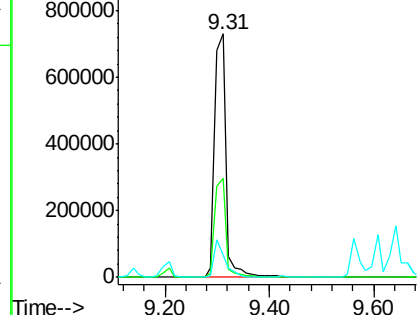
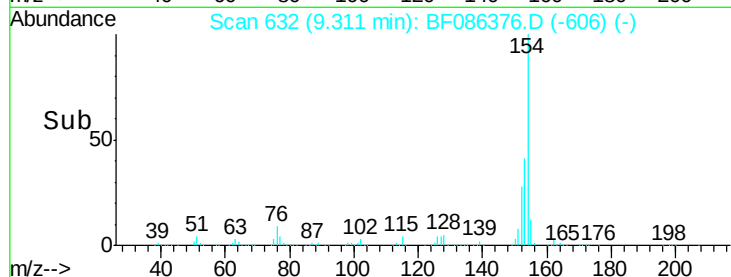
#45
 1,1'-Biphenyl
 Concen: 40.77 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tgt Ion:154 Resp: 1105849
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.3 60.3
 76 9.0 0.0 30.2

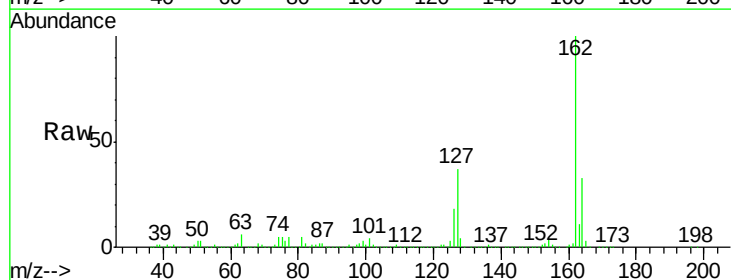


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

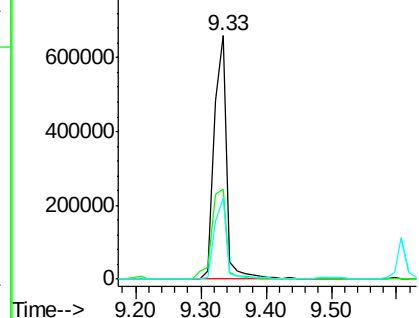
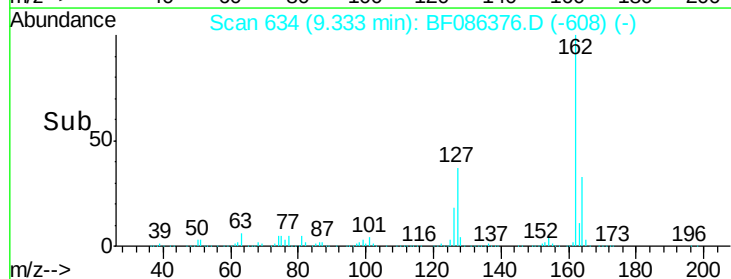


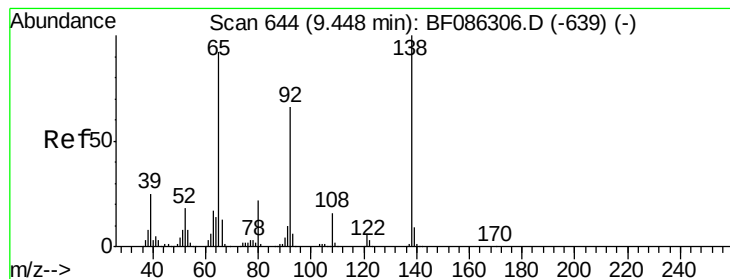
#46
 2-Chloronaphthalene
 Concen: 41.04 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:162 Resp: 881178
 Ion Ratio Lower Upper
 162 100
 127 36.9 31.8 47.6
 164 33.1 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: 44.47 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

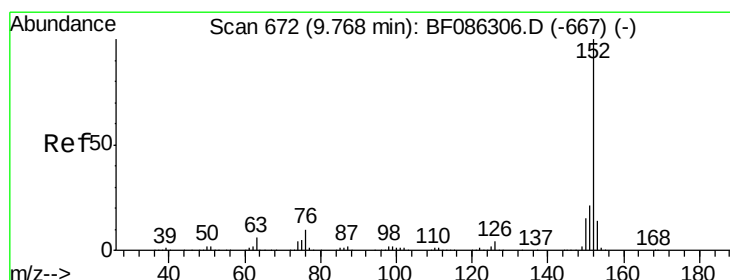
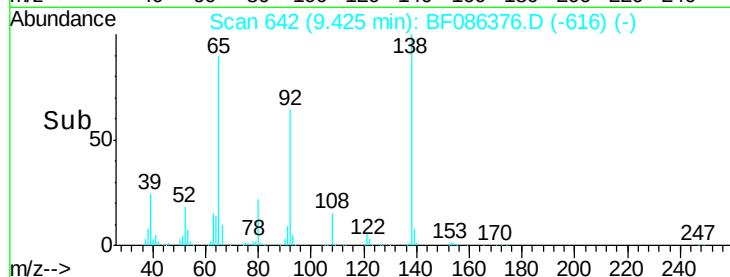
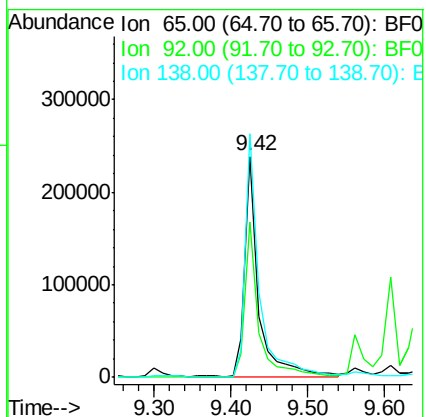
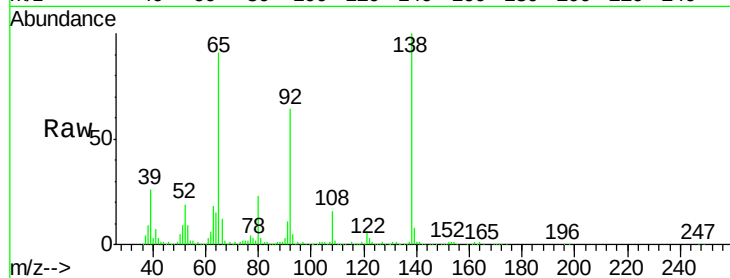
Tgt Ion: 65 Resp: 297289

Ion Ratio Lower Upper

65 100

92 70.5 57.4 86.2

138 110.2 90.1 135.1



#48

Acenaphthylene

Concen: 41.20 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

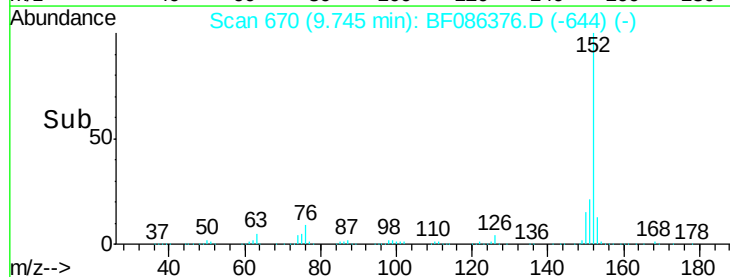
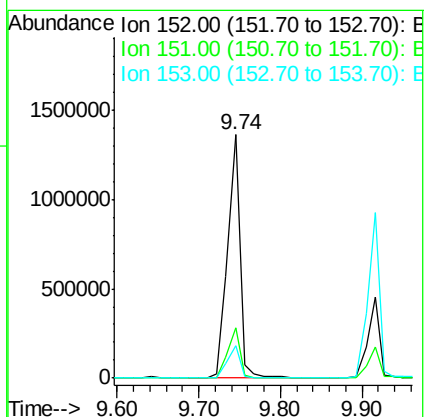
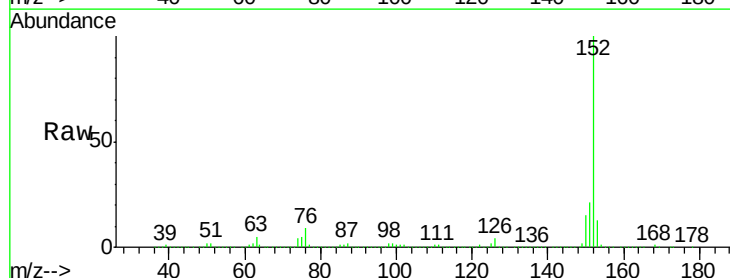
Tgt Ion: 152 Resp: 1434407

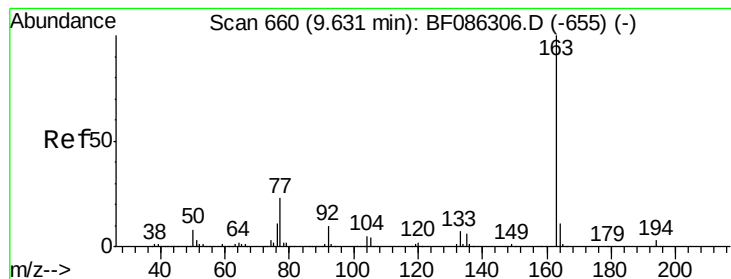
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 40.36 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

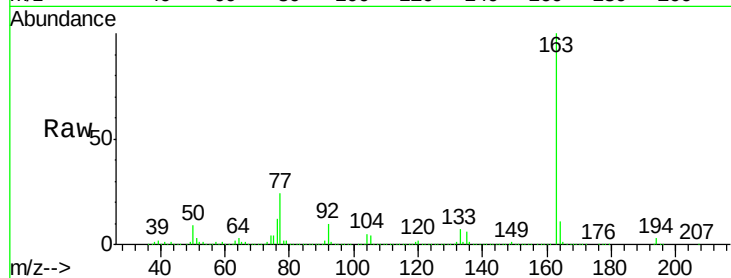
Tgt Ion:163 Resp: 1019393

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

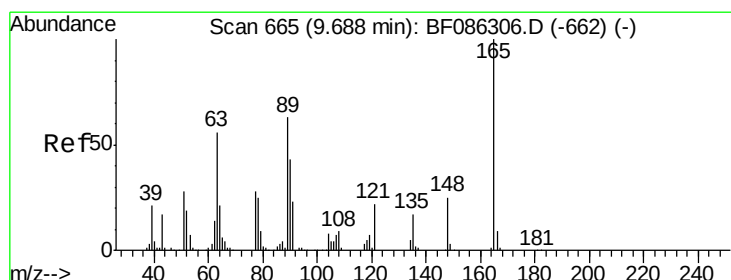
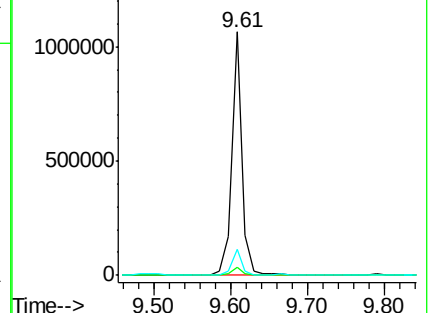
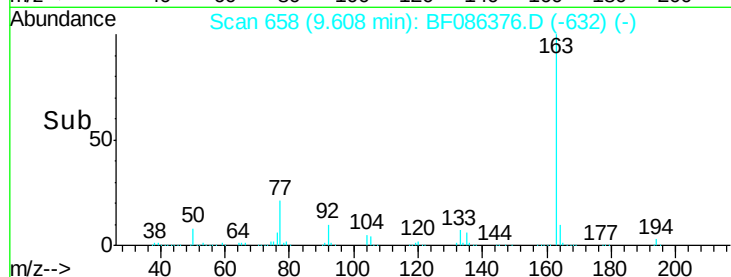
164 10.6 8.2 12.4



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: 41.21 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

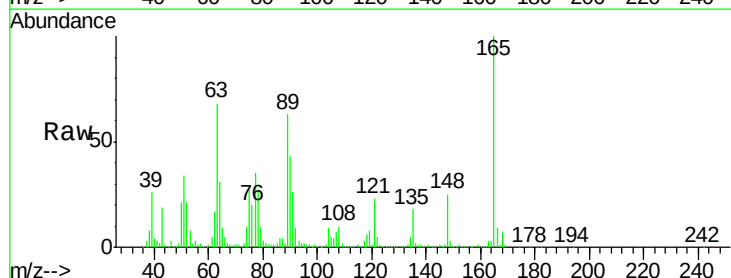
Tgt Ion:165 Resp: 224859

Ion Ratio Lower Upper

165 100

63 68.2 51.8 77.8

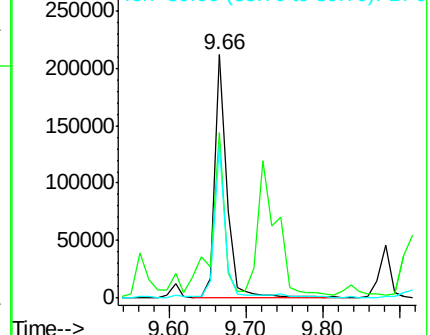
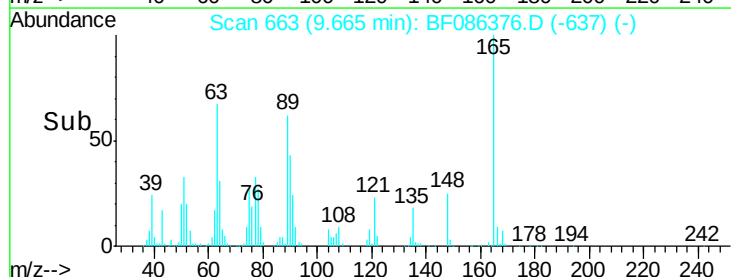
89 62.7 50.7 76.1

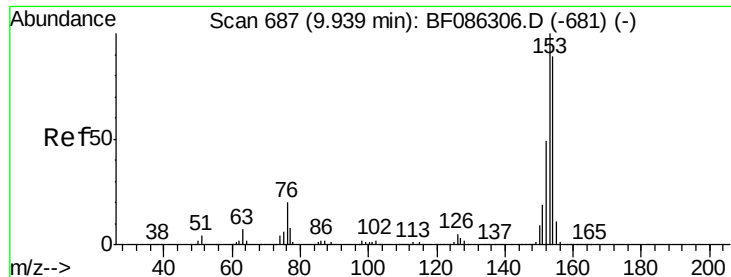


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.38 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

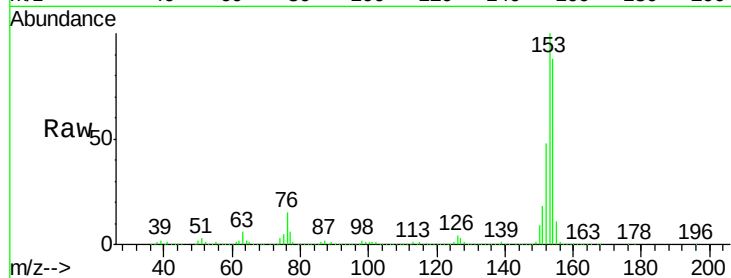
Tgt Ion:154 Resp: 970444

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

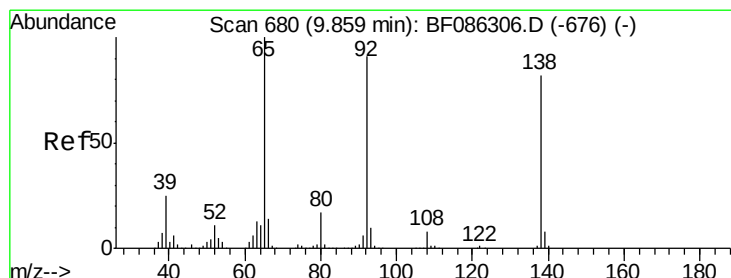
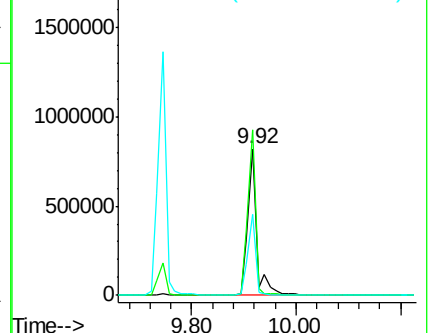
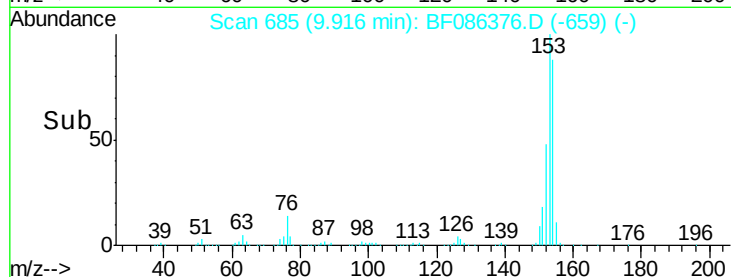
152 54.9 43.4 65.0



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: 15.51 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

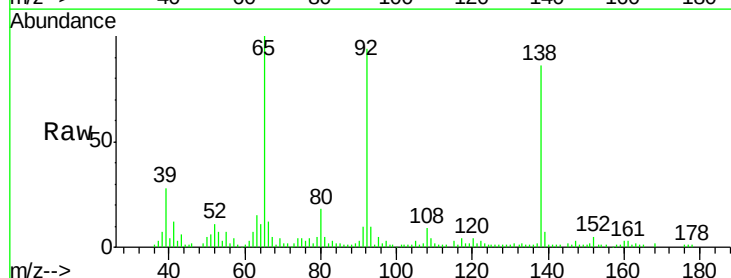
Tgt Ion:138 Resp: 105953

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

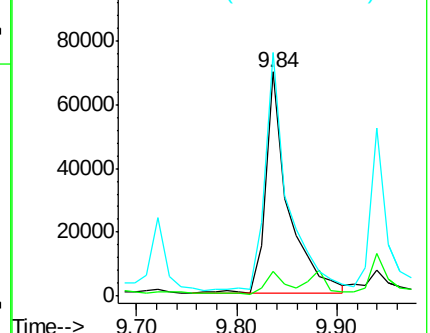
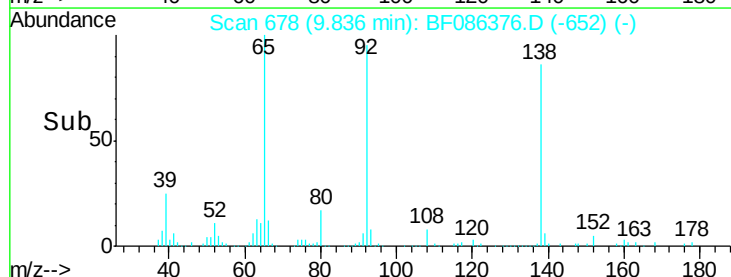
92 108.7 87.8 131.8

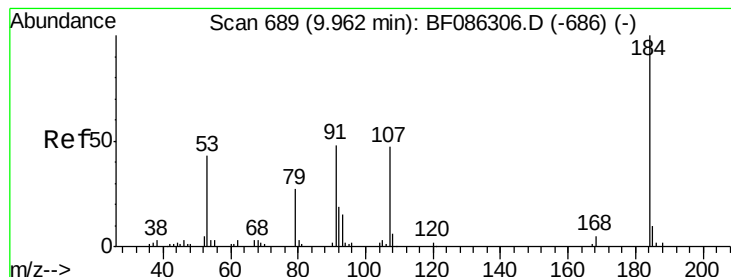


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 79.25 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

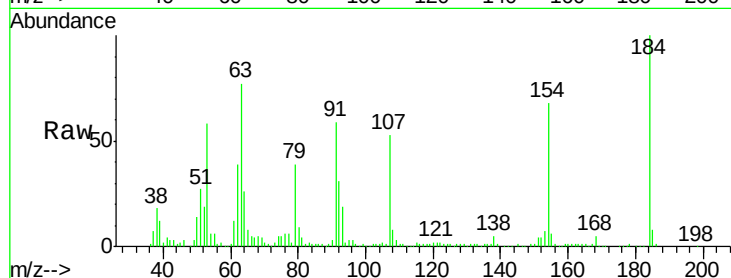
Tgt Ion:184 Resp: 224798

Ion Ratio Lower Upper

184 100

63 77.5 55.8 83.8

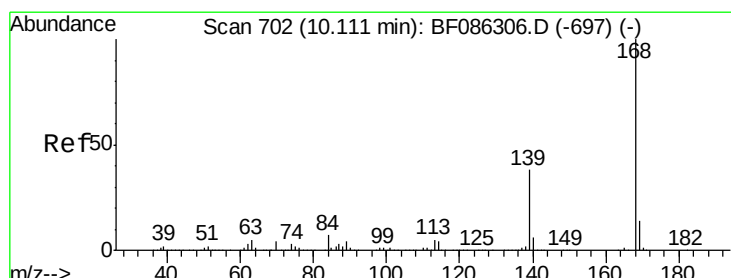
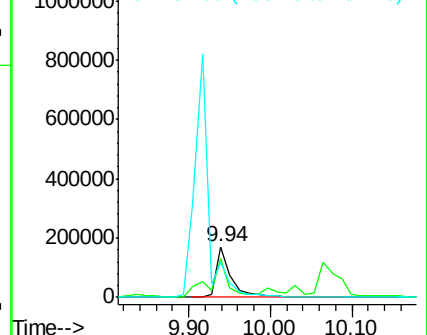
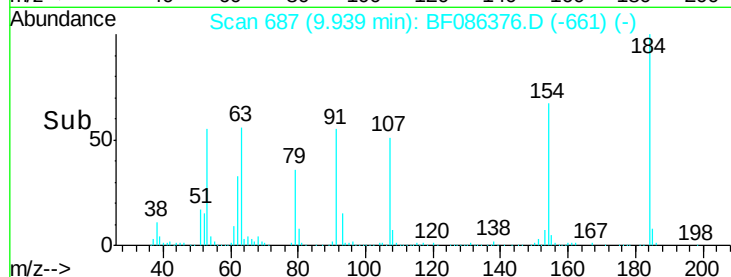
154 68.0 62.4 93.6



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: 45.06 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

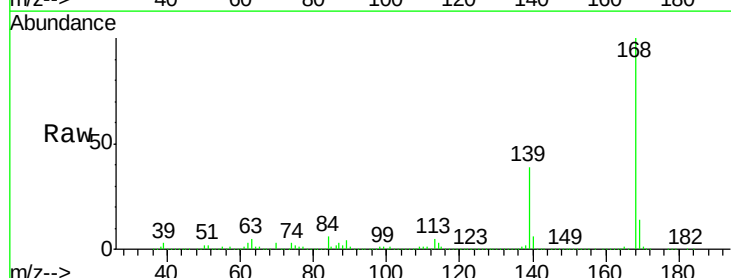
Tgt Ion:168 Resp: 1237694

Ion Ratio Lower Upper

168 100

139 39.0 31.4 47.0

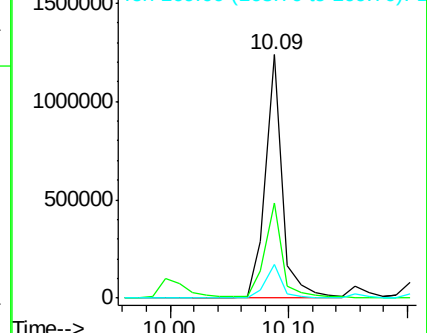
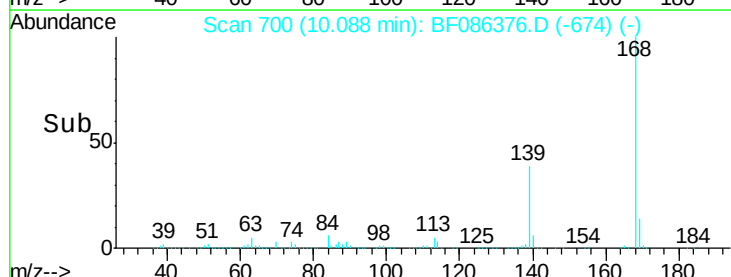
169 13.6 10.7 16.1

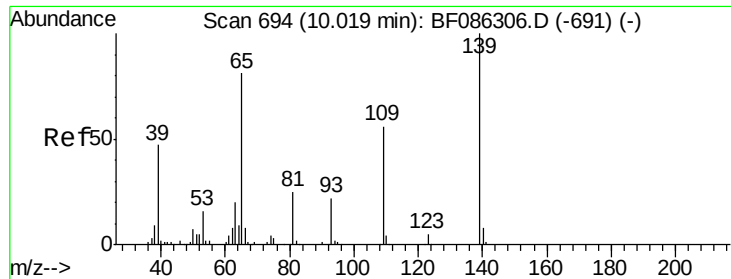


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

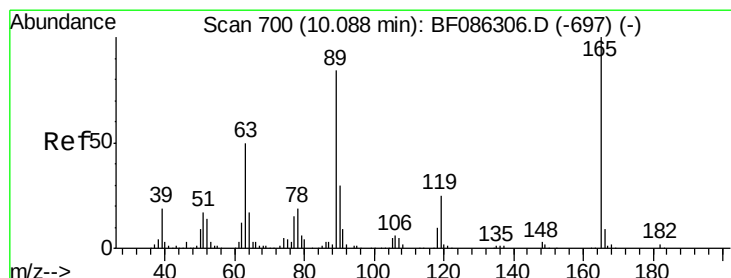
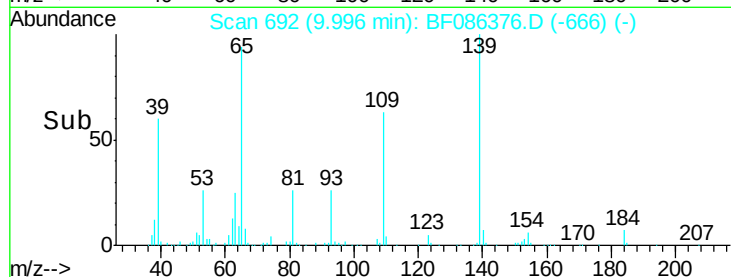
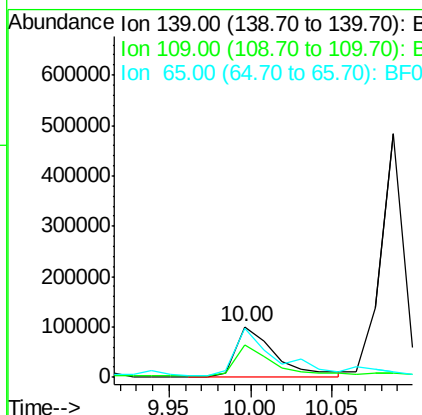
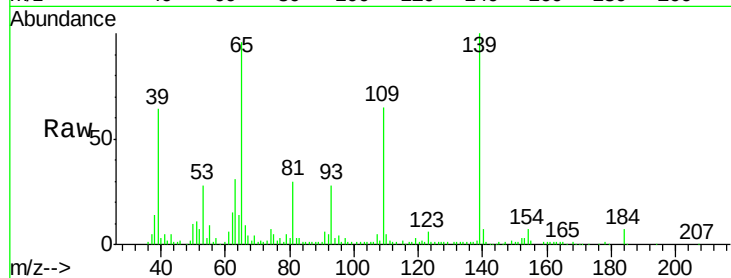




#55
4-Nitrophenol
Concen: 34.51 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

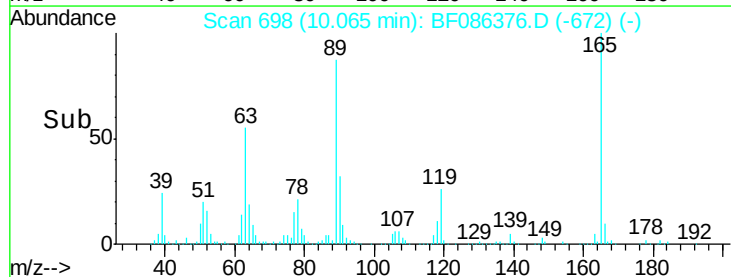
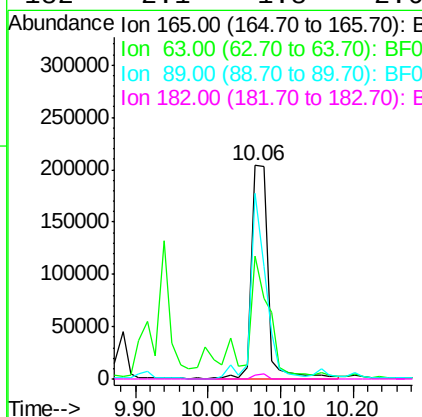
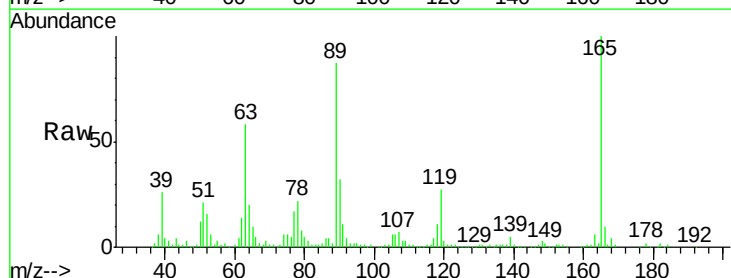
Instrument :
BNA_F
ClientSampleId :
MW-11MS

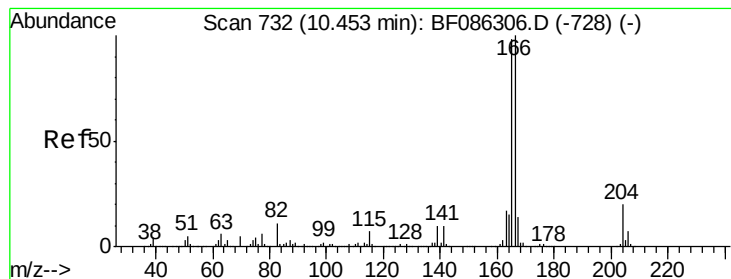
Tgt Ion:139 Resp: 164940
Ion Ratio Lower Upper
139 100
109 64.6 36.9 76.9
65 95.8 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 44.34 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:165 Resp: 321288
Ion Ratio Lower Upper
165 100
63 57.7 44.3 66.5
89 86.9 70.0 105.0
182 2.1 1.8 2.6





#57

Fluorene

Concen: 41.93 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

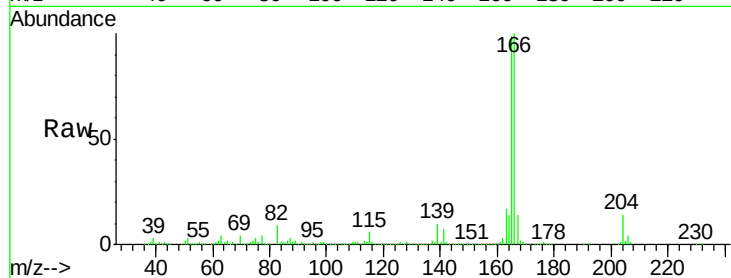
Tgt Ion:166 Resp: 943677

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.6

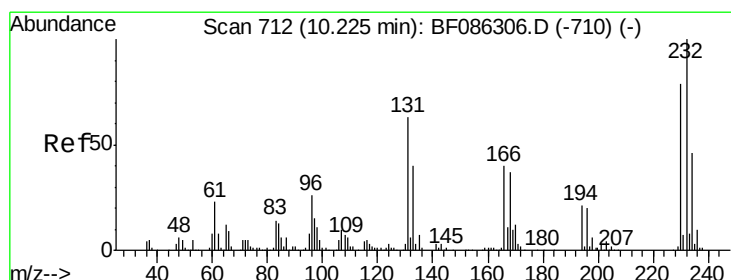
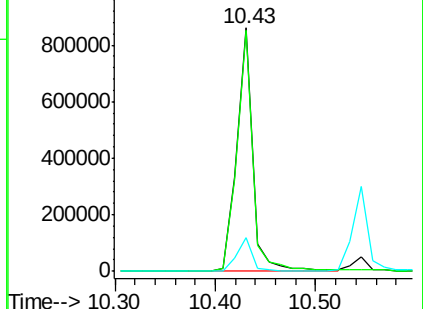
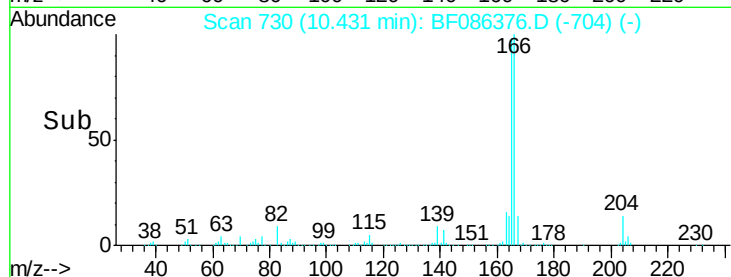
167 13.6 10.6 15.8



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: 46.83 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Tgt Ion:232 Resp: 249944

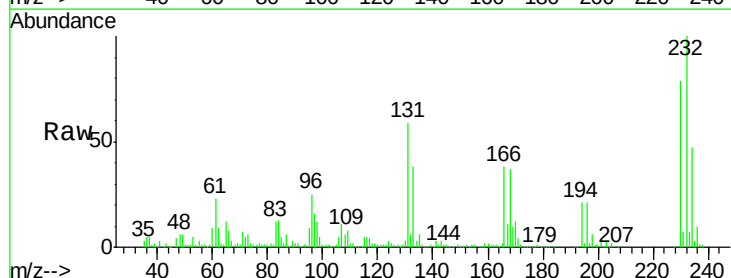
Ion Ratio Lower Upper

232 100

131 49.1 41.9 62.9

130 2.6 2.2 3.4

166 31.8 26.8 40.2

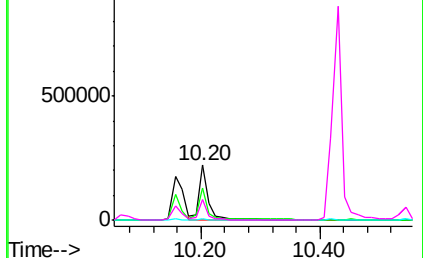
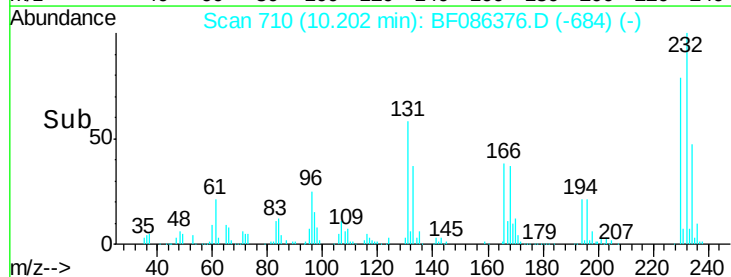


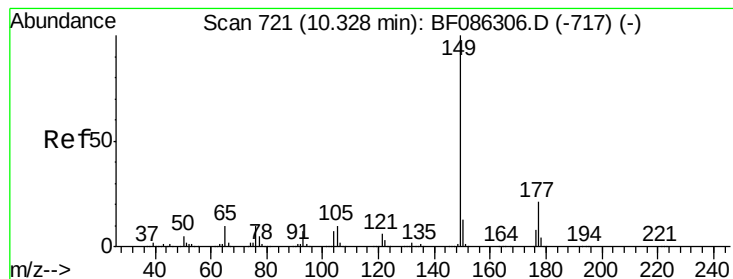
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.12 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampled :

MW-11MS

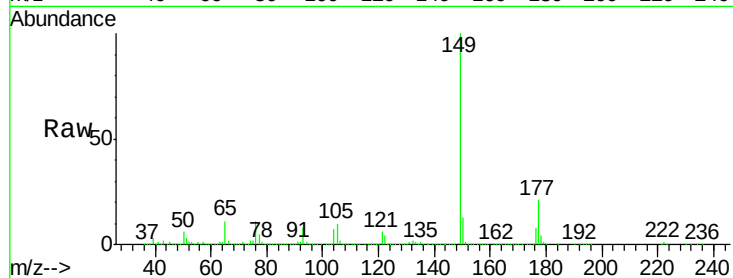
Tgt Ion:149 Resp: 970309

Ion Ratio Lower Upper

149 100

177 20.6 16.6 24.8

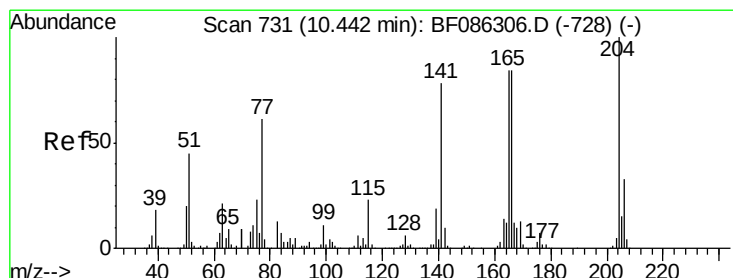
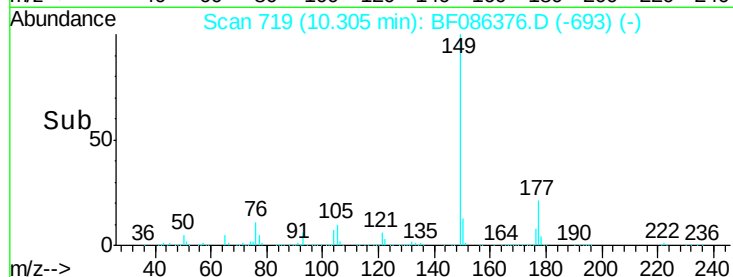
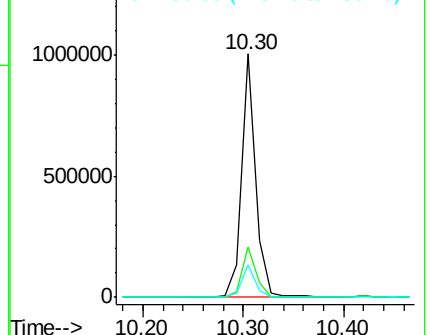
150 13.1 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.69 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

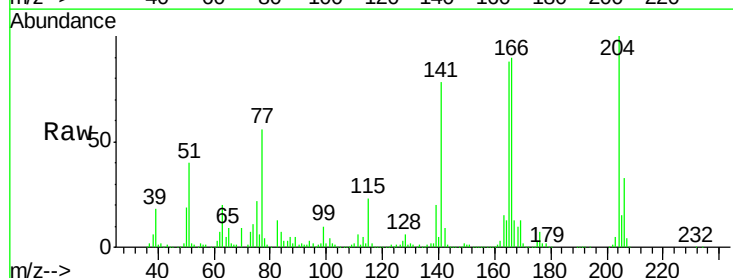
Tgt Ion:204 Resp: 380814

Ion Ratio Lower Upper

204 100

206 33.4 25.4 38.0

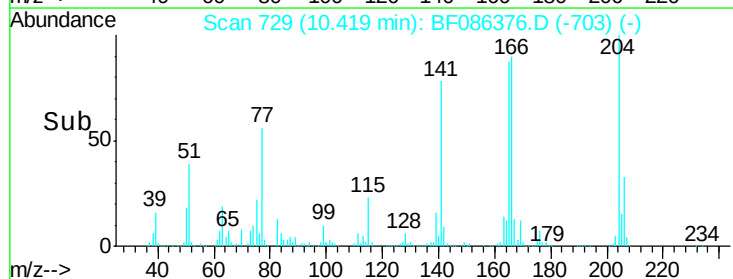
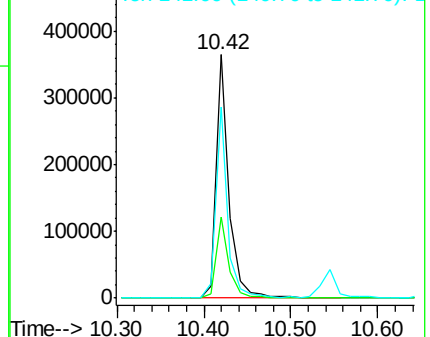
141 78.4 61.6 92.4

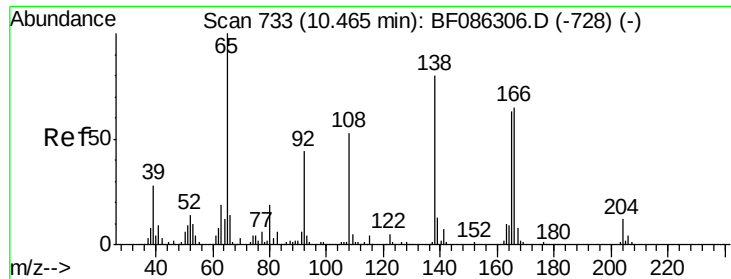


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

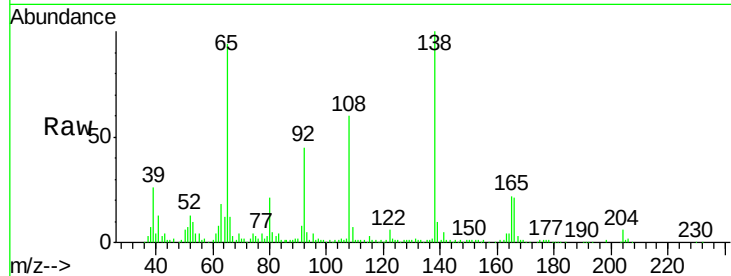




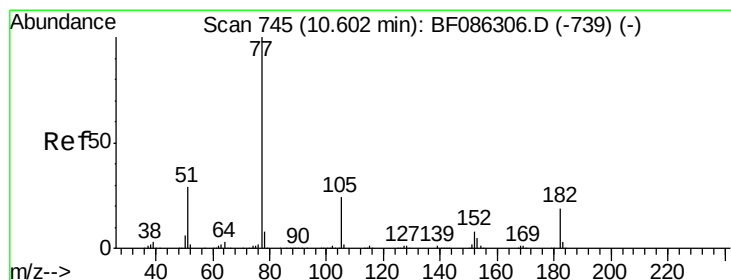
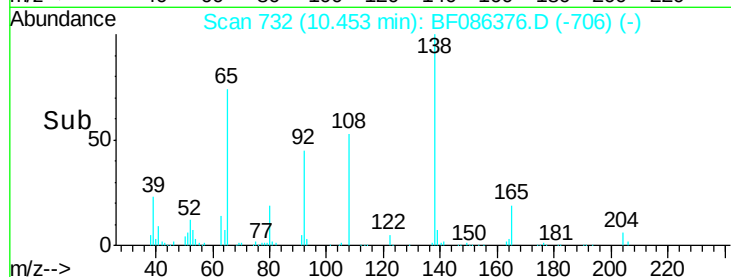
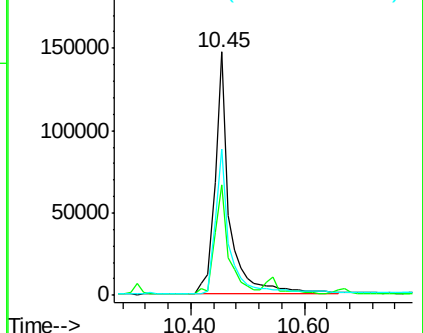
#61
4-Nitroaniline
Concen: 37.20 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tgt Ion:138 Resp: 260113
Ion Ratio Lower Upper
138 100
92 45.3 24.7 64.7
108 60.1 37.4 77.4

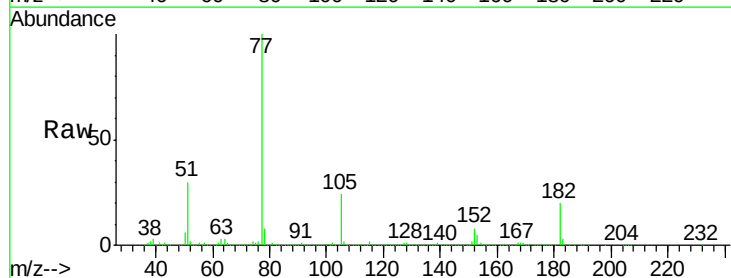


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

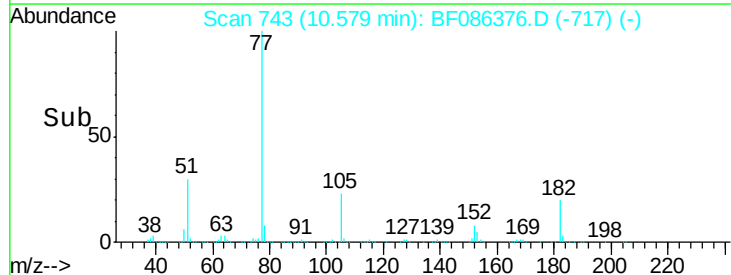
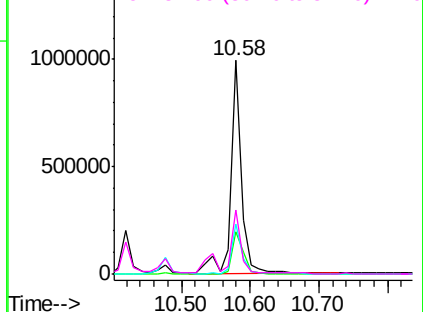


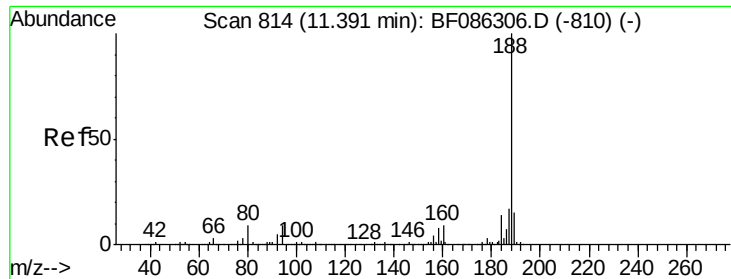
#62
Azobenzene
Concen: 43.33 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion: 77 Resp: 1086865
Ion Ratio Lower Upper
77 100
182 20.0 0.0 38.8
105 23.5 3.2 43.2
51 29.9 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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

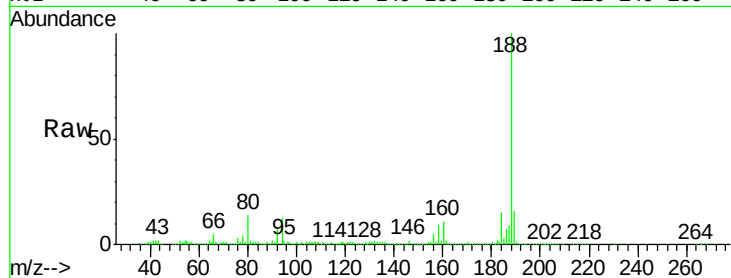
Tgt Ion:188 Resp: 662294

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

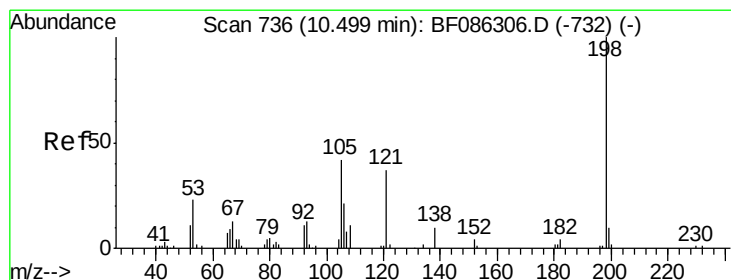
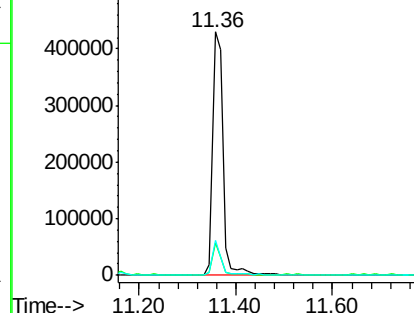
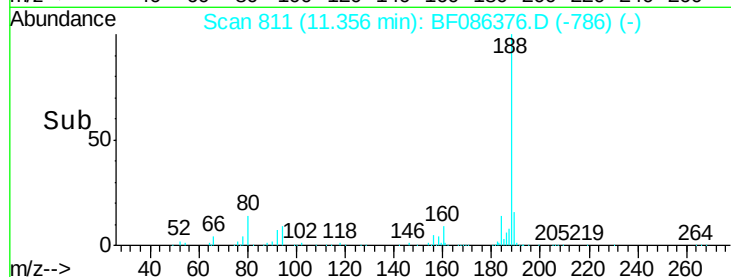
80 14.4 7.1 10.7#



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: 40.29 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

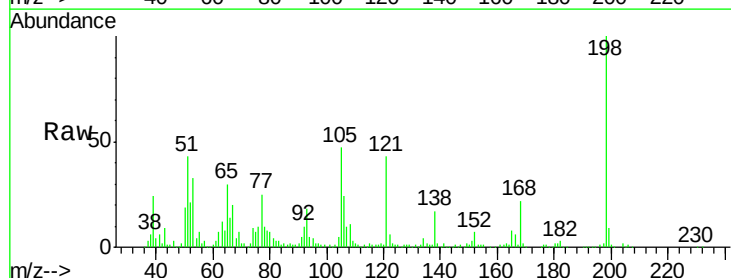
Tgt Ion:198 Resp: 163065

Ion Ratio Lower Upper

198 100

51 42.8 20.5 60.5

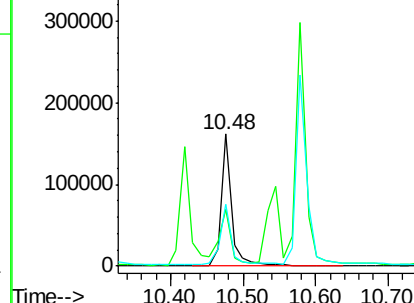
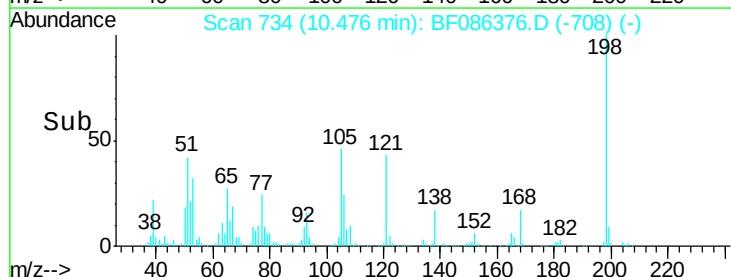
105 46.9 24.5 64.5

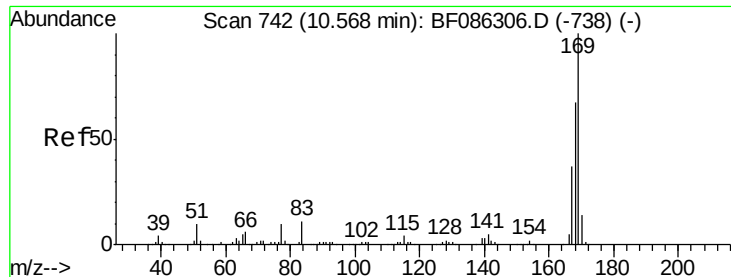


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

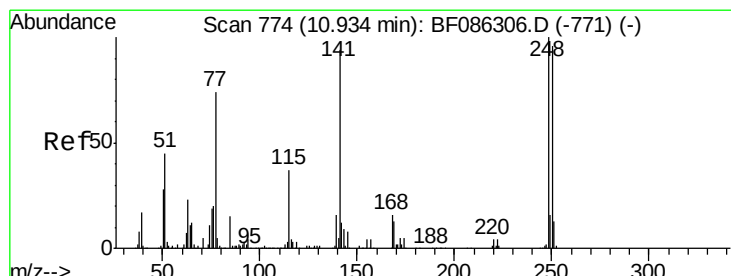
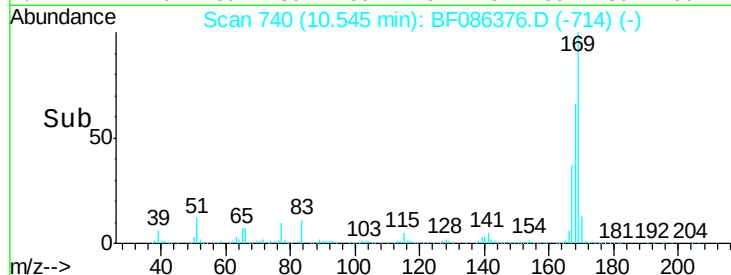
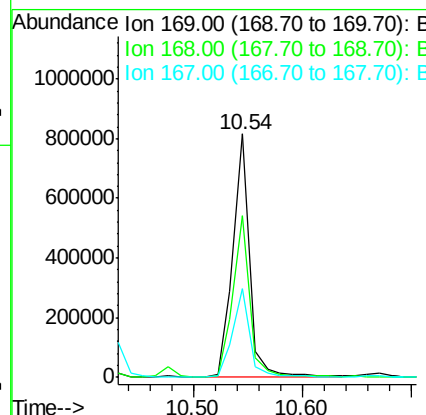
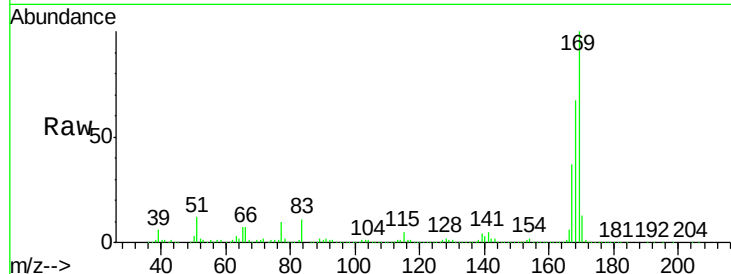




#65
 n-Nitrosodiphenylamine
 Concen: 42.77 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

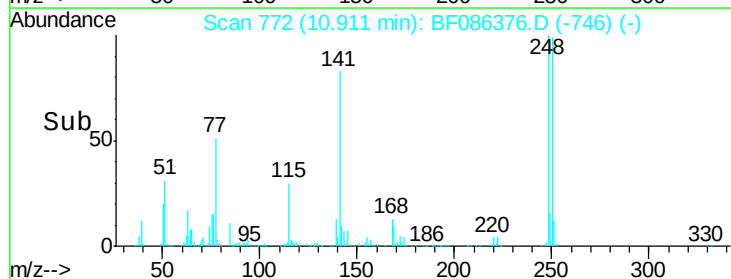
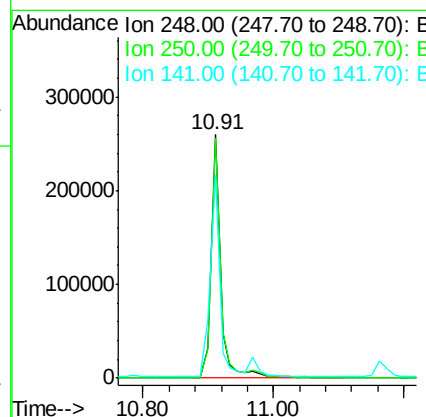
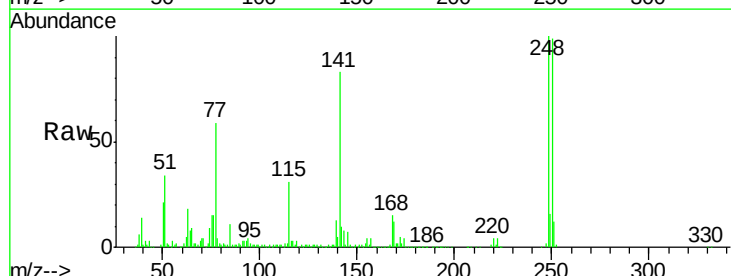
Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

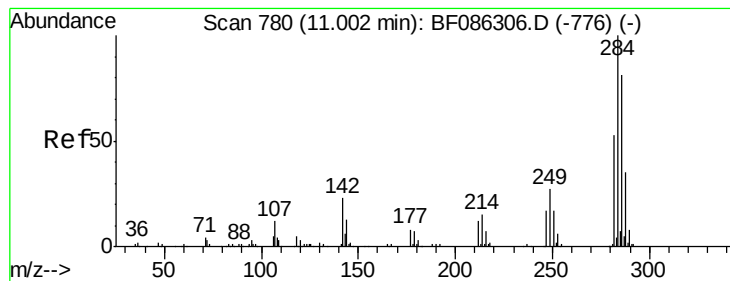
Tgt Ion:169 Resp: 873485
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.6
 167 36.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.26 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:248 Resp: 267590
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.6 117.8
 141 83.5 76.0 114.0





#67

Hexachlorobenzene

Concen: 40.55 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

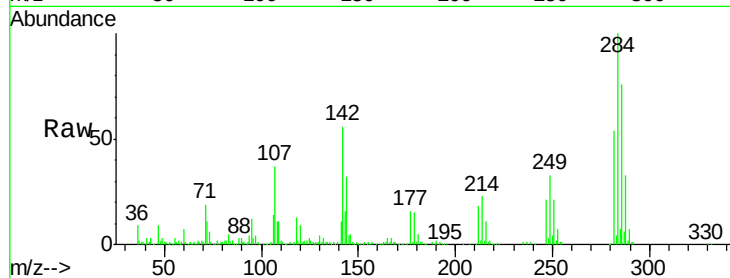
Tgt Ion:284 Resp: 280582

Ion Ratio Lower Upper

284 100

142 56.0 16.7 25.1#

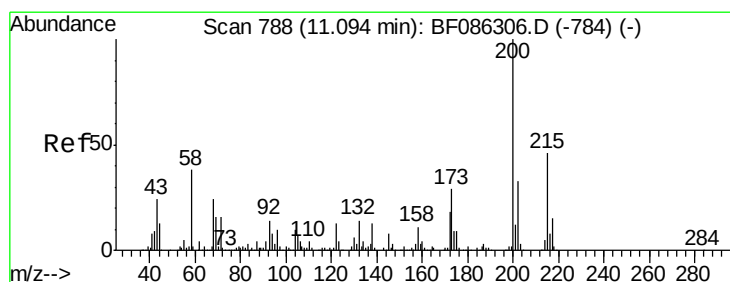
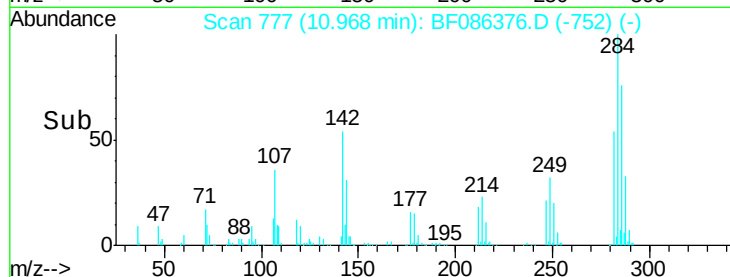
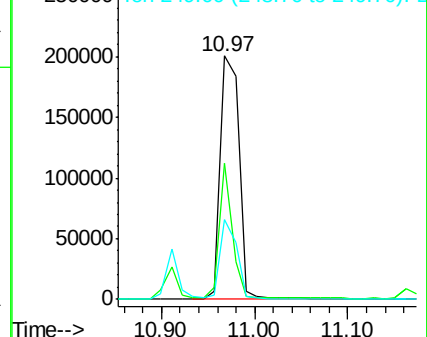
249 33.0 21.3 31.9#



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: 39.93 ng

RT: 11.08 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

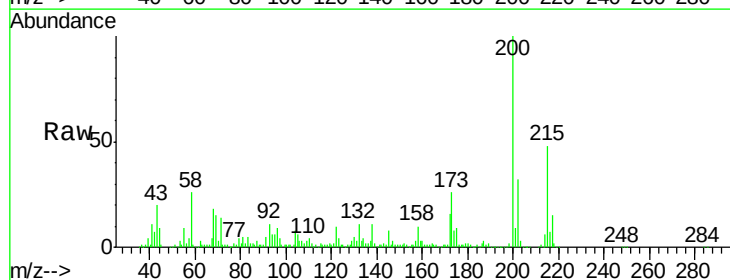
Tgt Ion:200 Resp: 251778

Ion Ratio Lower Upper

200 100

173 26.4 8.5 48.5

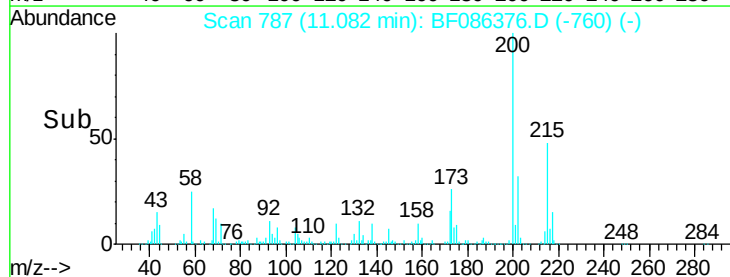
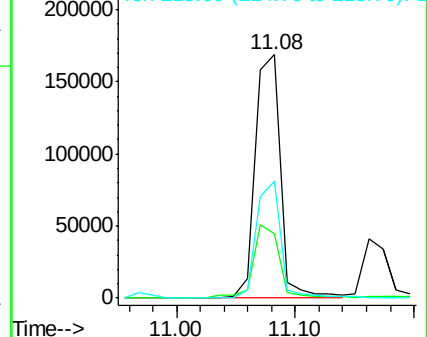
215 47.8 27.2 67.2

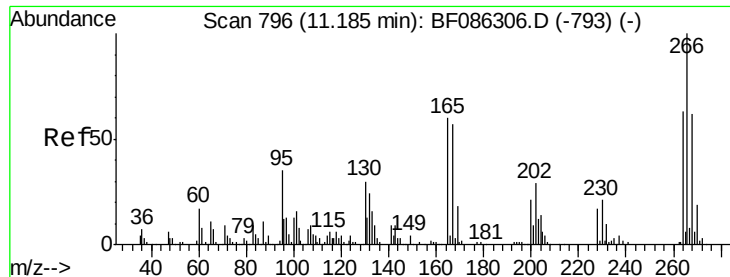


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

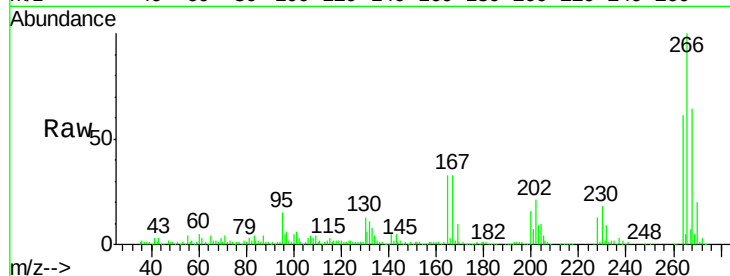




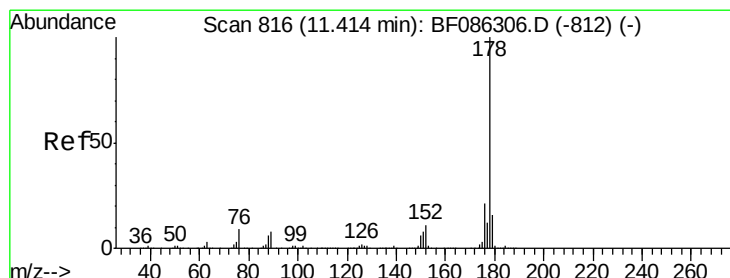
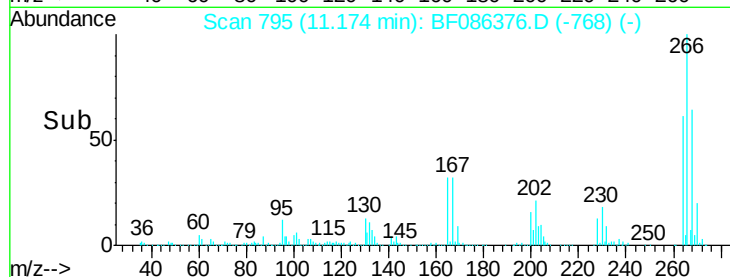
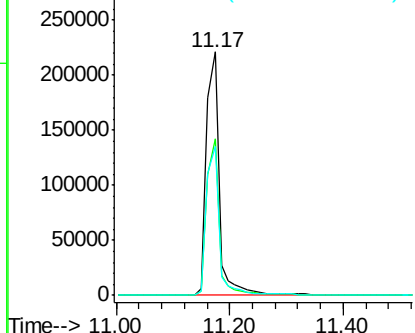
#69
 Pentachlorophenol
 Concen: 82.70 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-11MS

Tgt Ion:266 Resp: 336020
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.5 77.3
 264 61.3 52.9 79.3

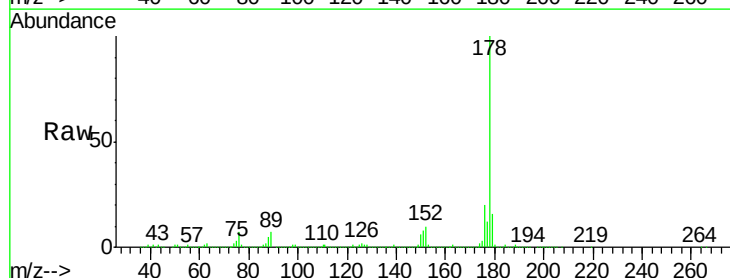


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

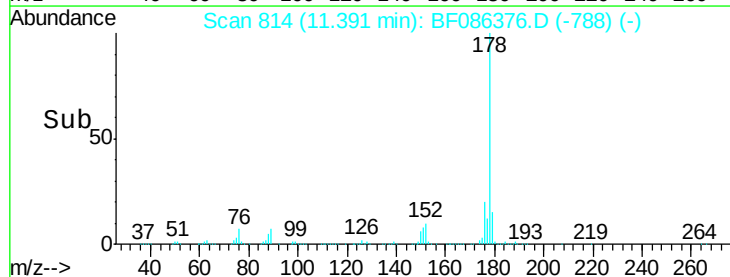
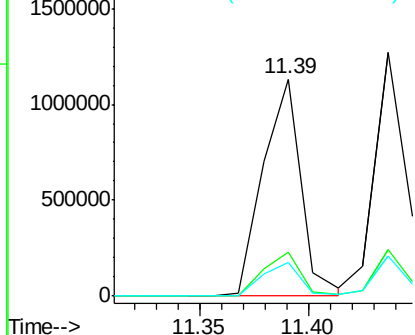


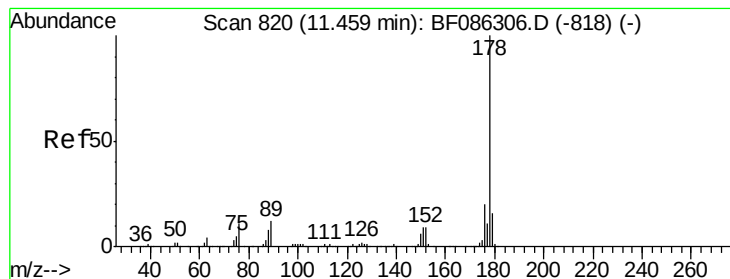
#70
 Phenanthrene
 Concen: 41.38 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086376.D
 Acq: 23 Apr 2016 7:47

Tgt Ion:178 Resp: 1376974
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.6 12.6 18.8



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





#71

Anthracene

Concen: 37.97 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

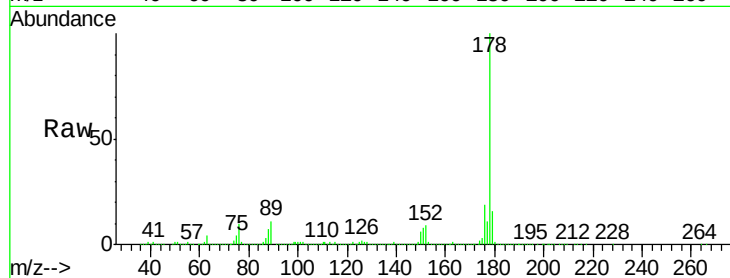
Tgt Ion:178 Resp: 1447757

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

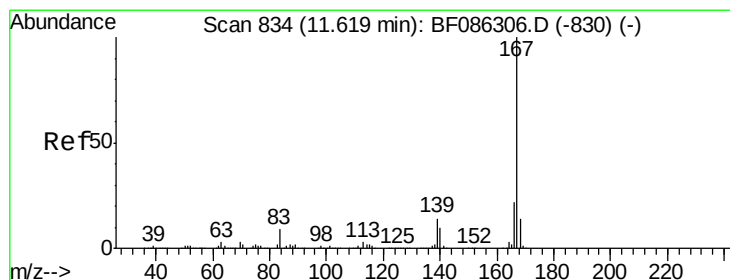
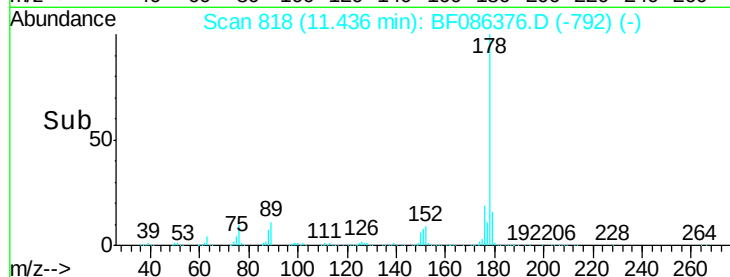
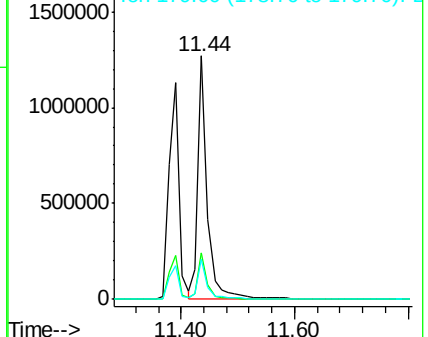
179 16.3 12.7 19.1



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: 40.75 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

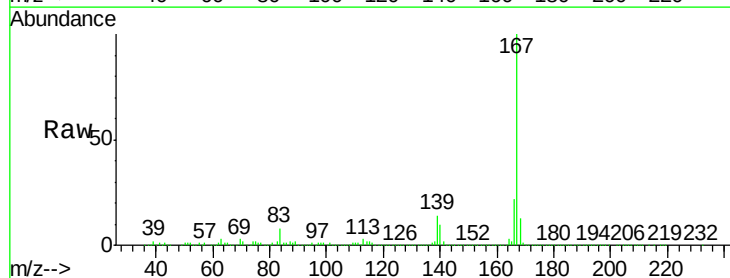
Tgt Ion:167 Resp: 1459421

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

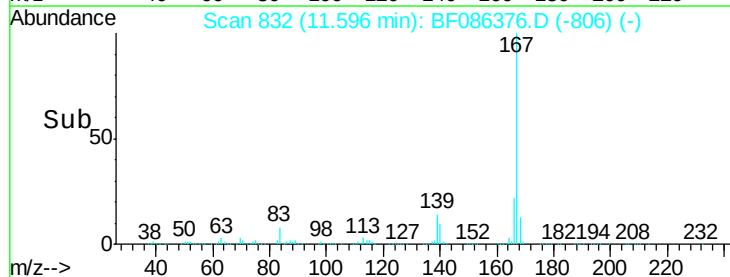
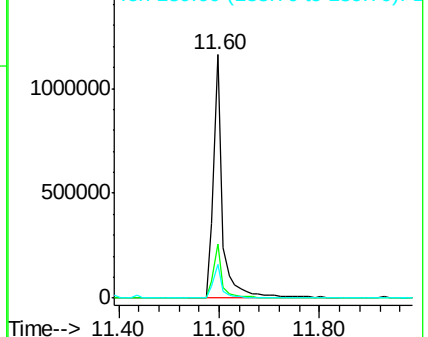
139 13.9 10.8 16.2

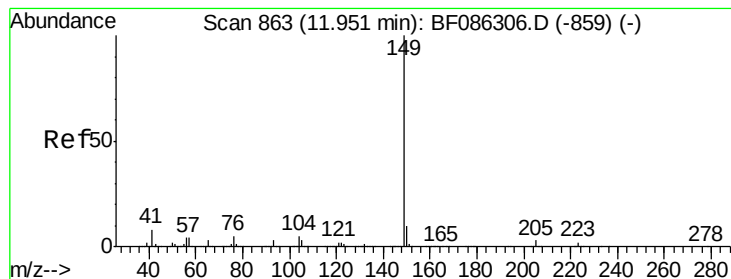


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.23 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

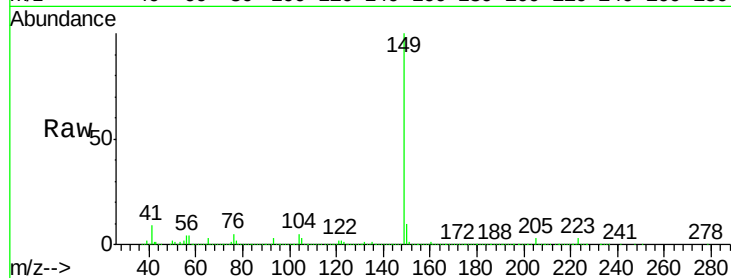
Tgt Ion:149 Resp: 1477849

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

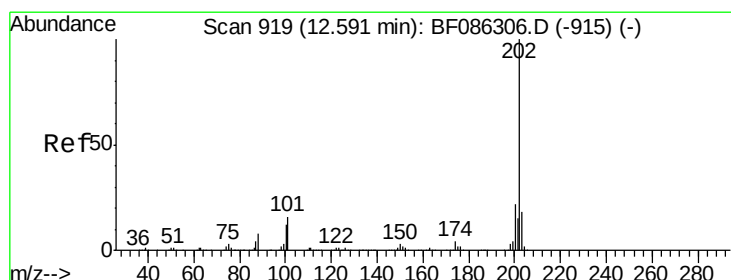
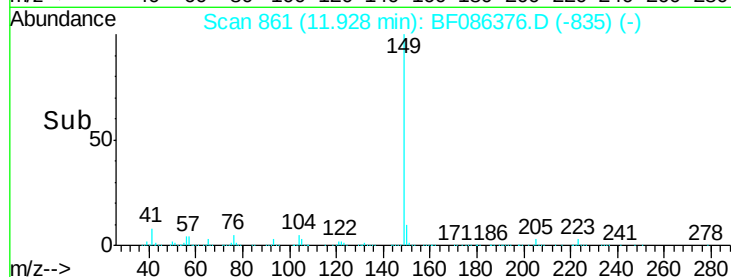
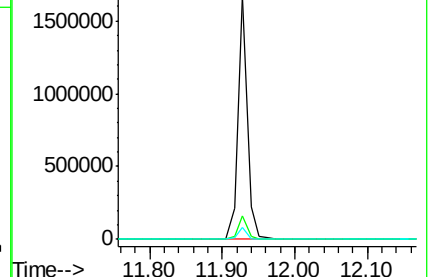
104 5.1 3.8 5.6



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: 34.85 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

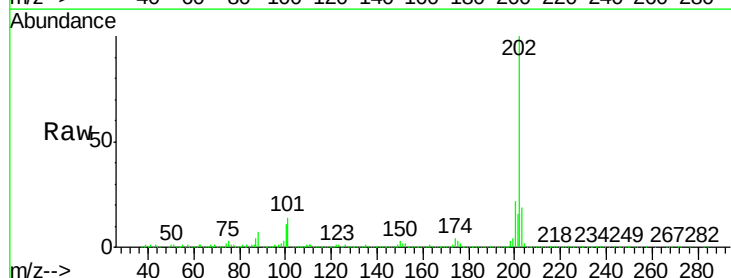
Tgt Ion:202 Resp: 1250776

Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.4

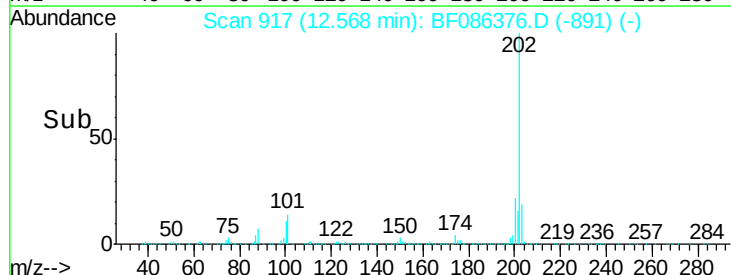
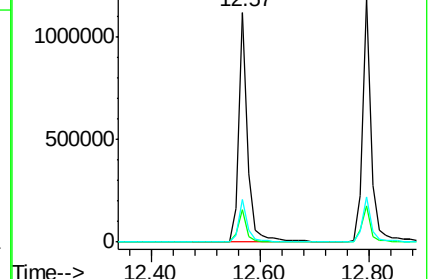
203 18.7 0.0 38.1

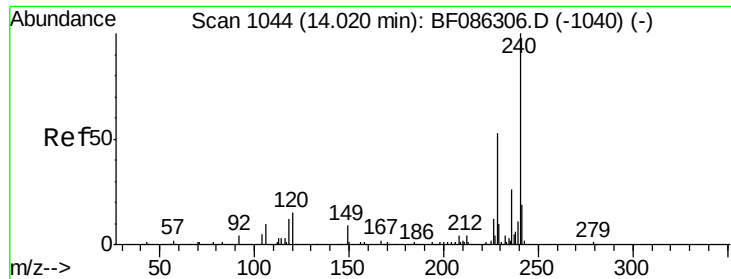


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

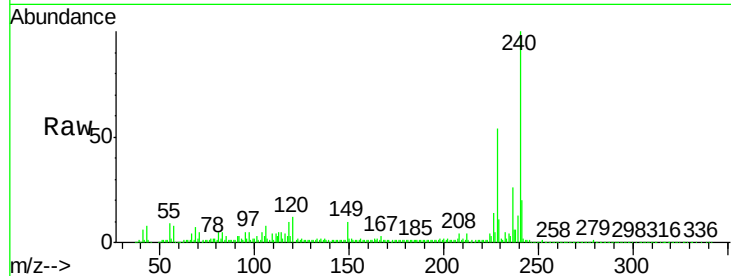
Tgt Ion:240 Resp: 367293

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

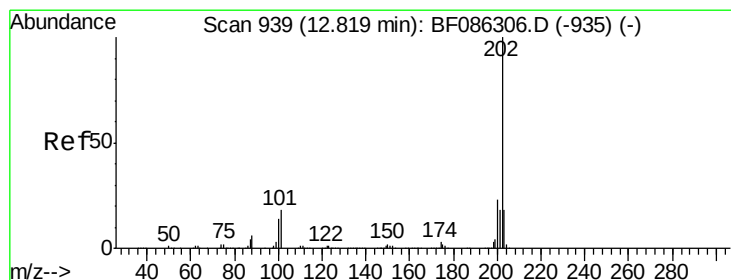
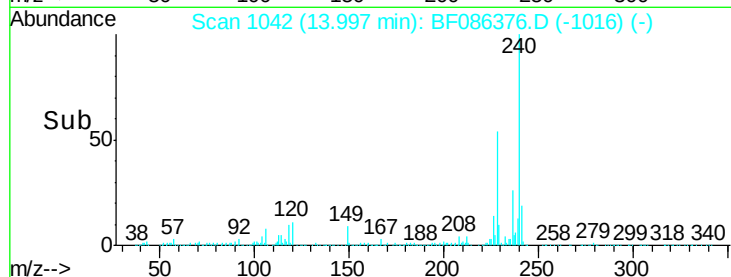
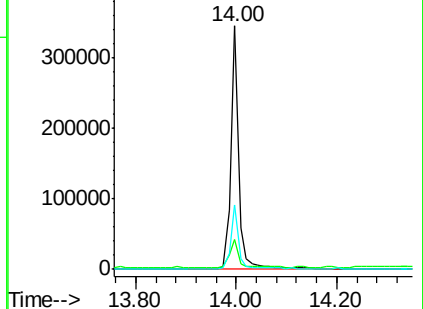
236 26.4 21.2 31.8



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: 49.45 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

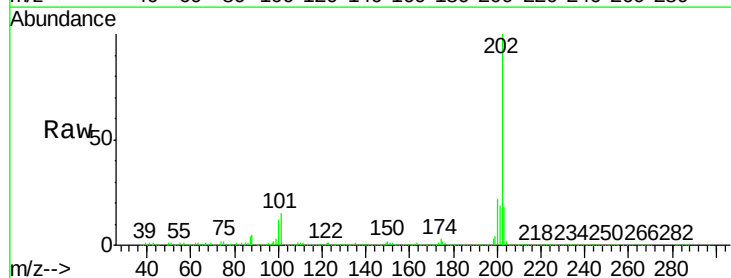
Tgt Ion:202 Resp: 1266817

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

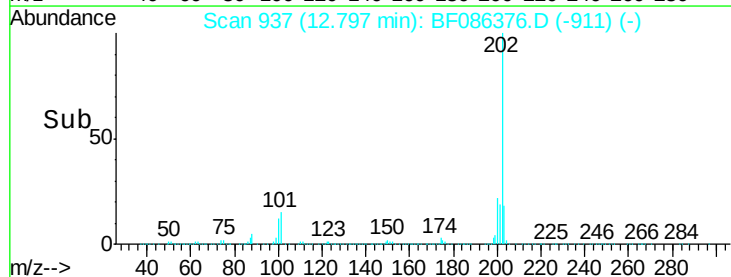
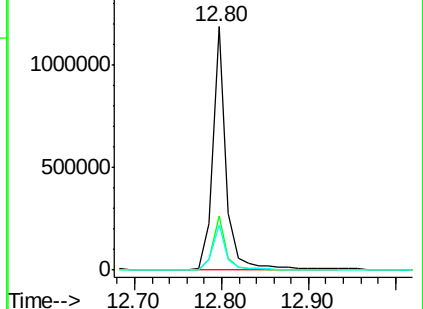
203 18.3 14.2 21.4

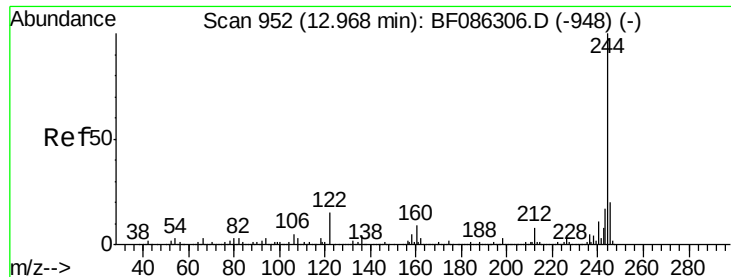


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.29 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

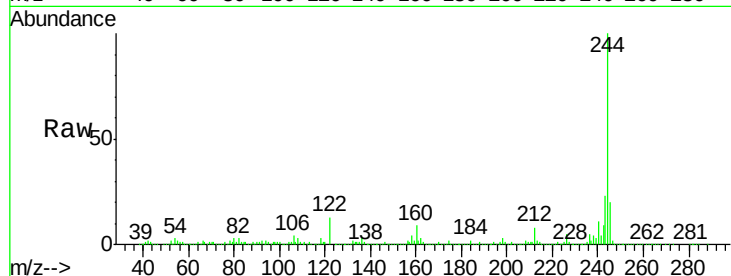
Tgt Ion:244 Resp: 1275574

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

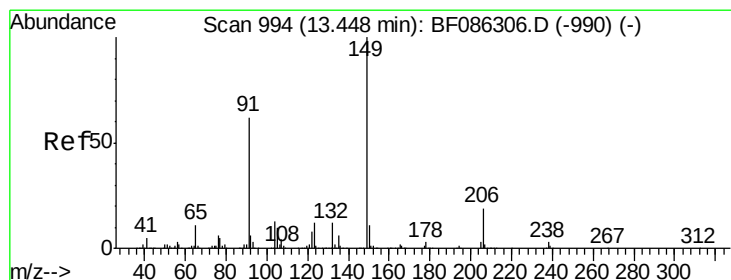
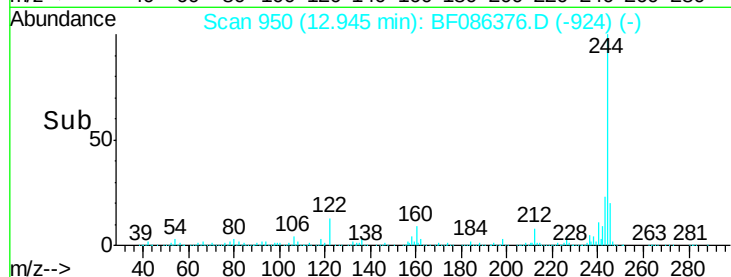
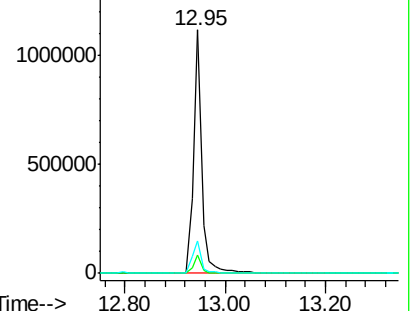
122 13.1 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.03 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

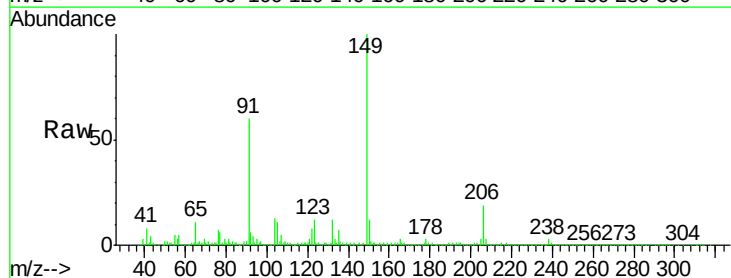
Tgt Ion:149 Resp: 573207

Ion Ratio Lower Upper

149 100

91 60.5 48.0 72.0

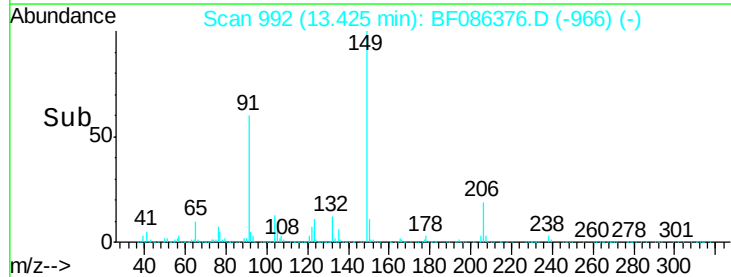
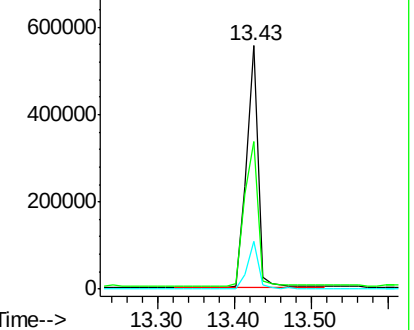
206 19.4 15.8 23.6

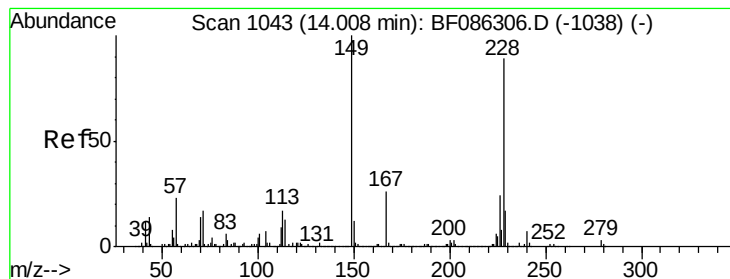


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 47.52 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

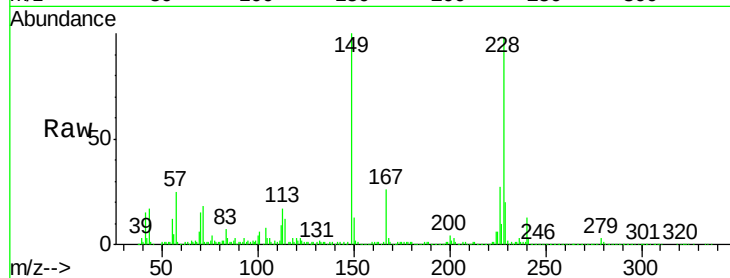
Tgt Ion:228 Resp: 906128

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

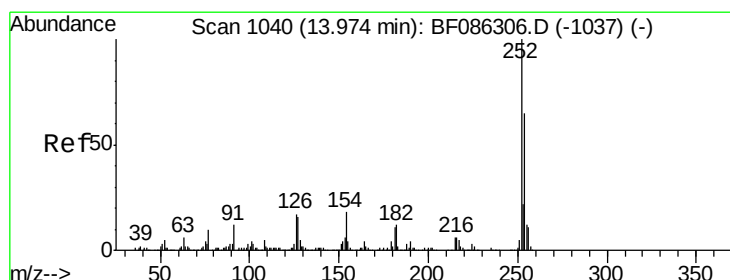
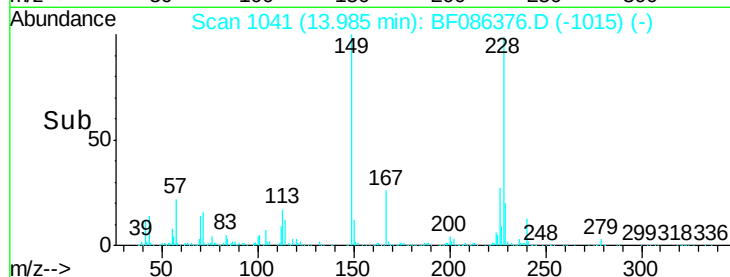
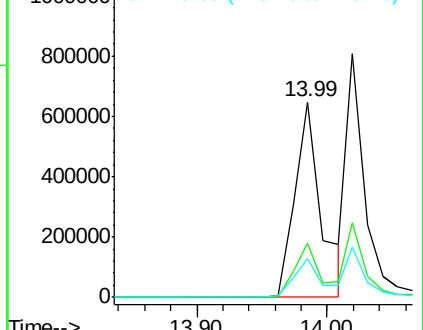
229 20.1 16.6 25.0



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: 2.18 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

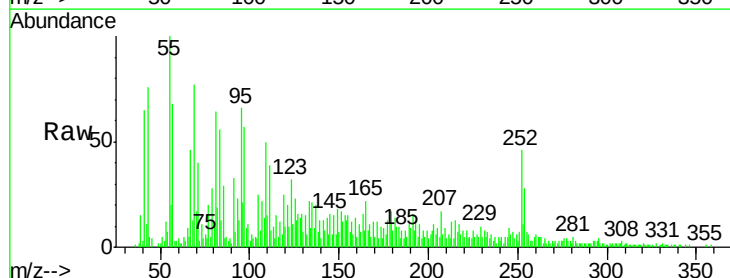
Tgt Ion:252 Resp: 28627

Ion Ratio Lower Upper

252 100

254 60.9 50.7 76.1

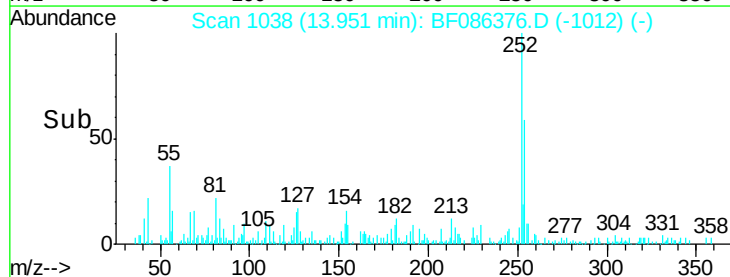
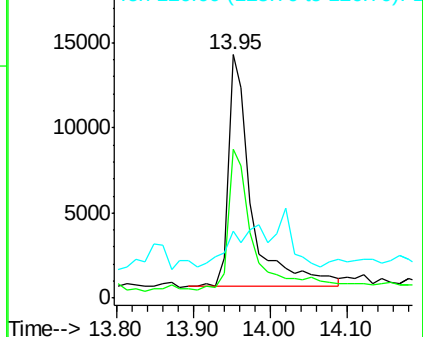
126 27.6 12.7 19.1#

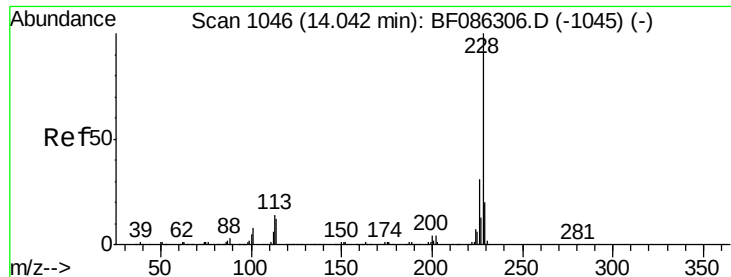


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.34 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

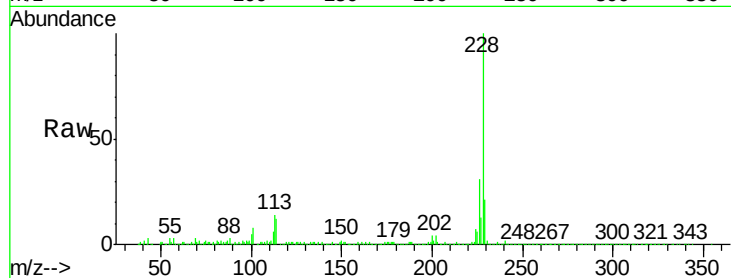
Tgt Ion:228 Resp: 845125

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

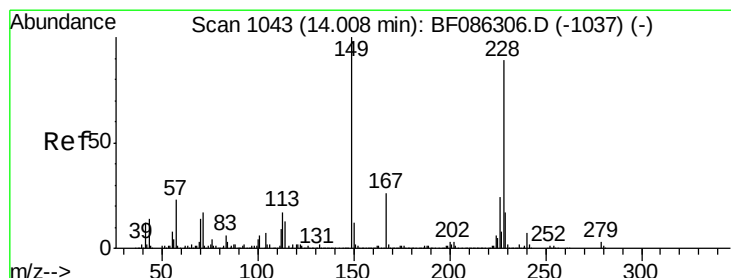
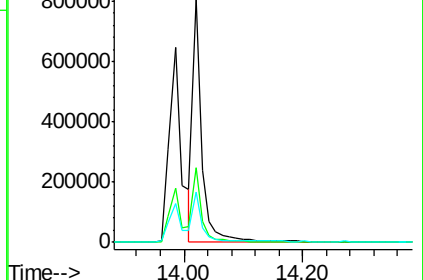
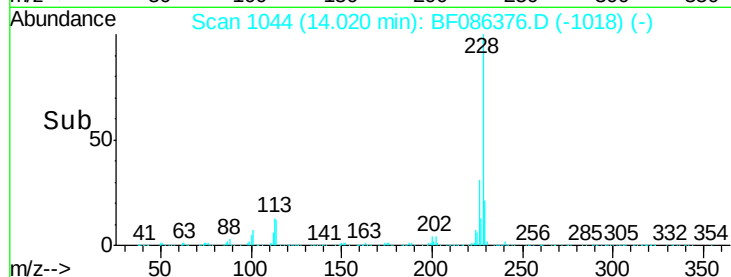
229 20.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.69 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

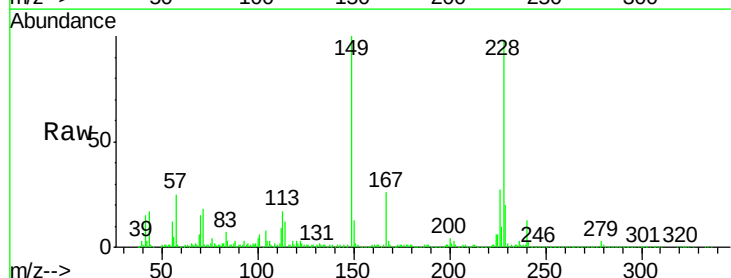
Tgt Ion:149 Resp: 623839

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

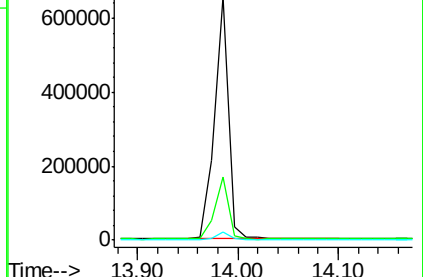
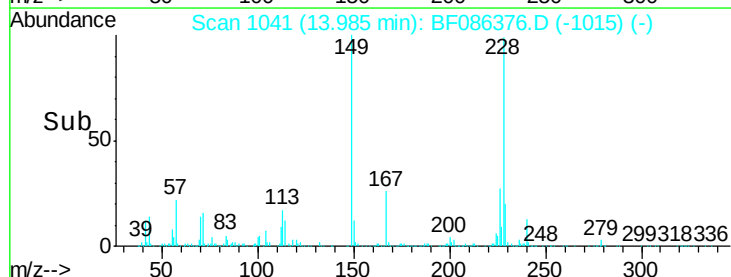
279 3.2 2.6 4.0

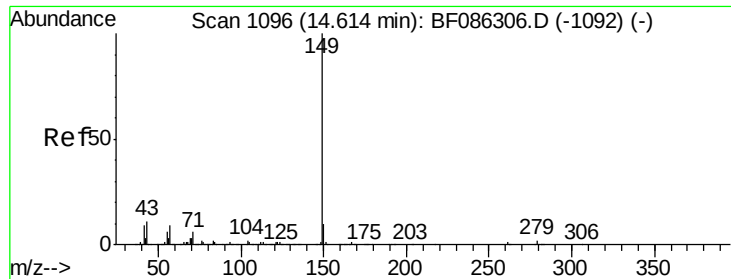


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.01 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

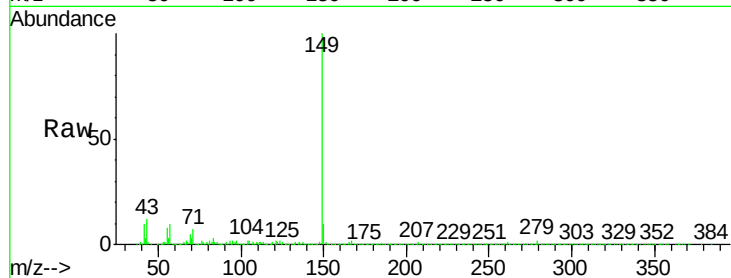
Tgt Ion:149 Resp: 1077766

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

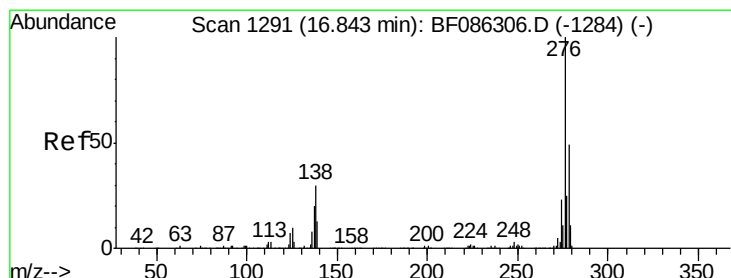
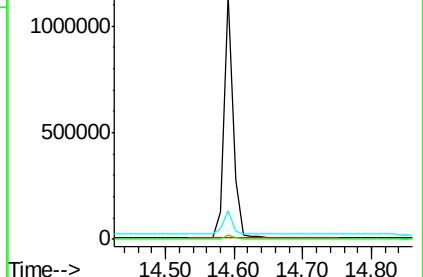
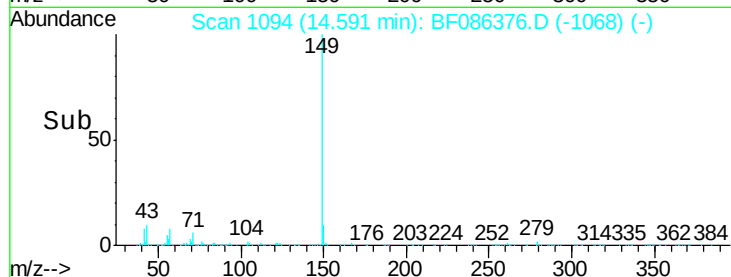
43 11.3 8.2 12.4



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: 52.06 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

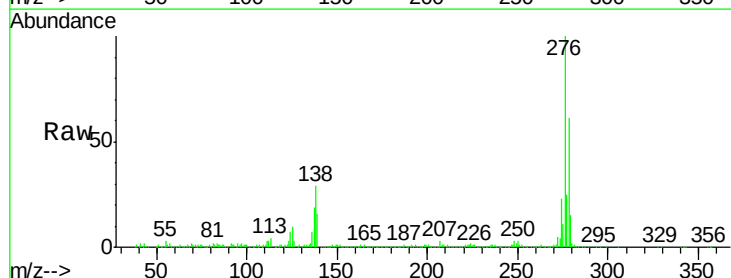
Tgt Ion:276 Resp: 994217

Ion Ratio Lower Upper

276 100

138 31.0 25.6 38.4

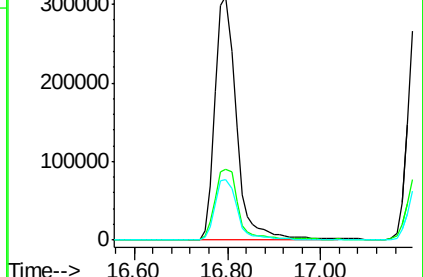
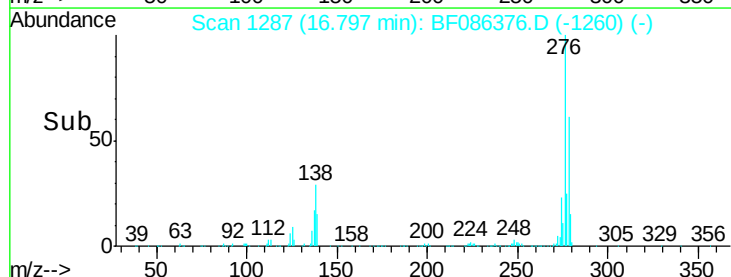
277 25.6 20.5 30.7

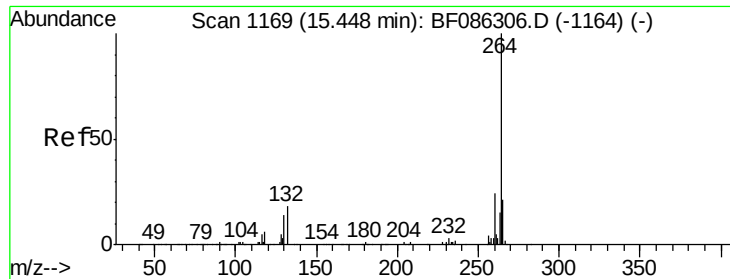


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



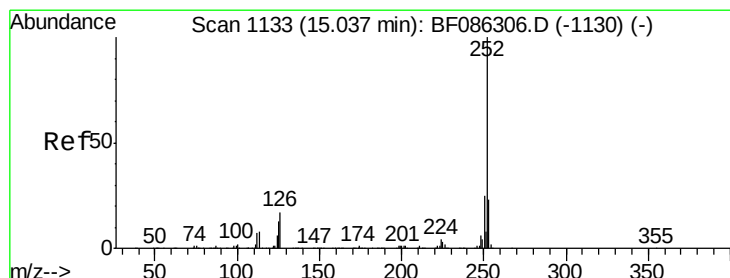
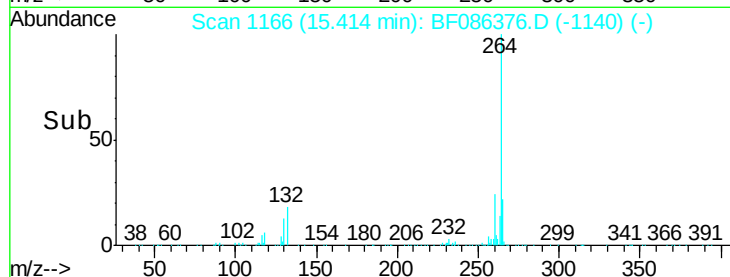
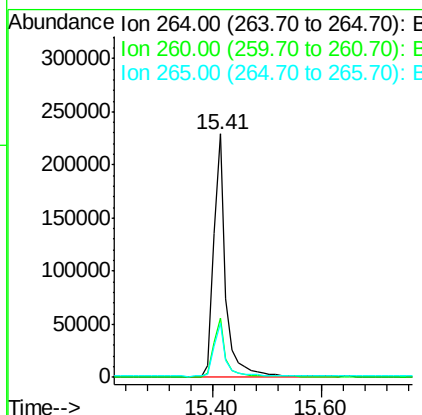
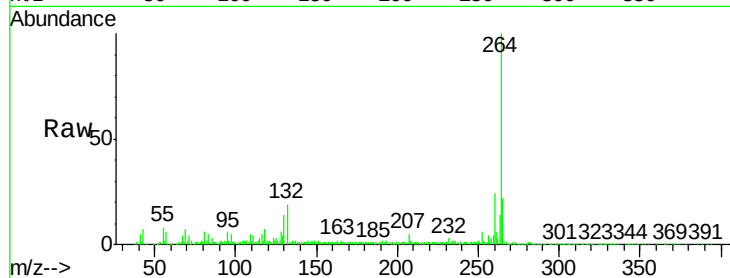


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Instrument :
BNA_F
ClientSampleId :
MW-11MS

Tgt Ion: 264 Resp: 356114

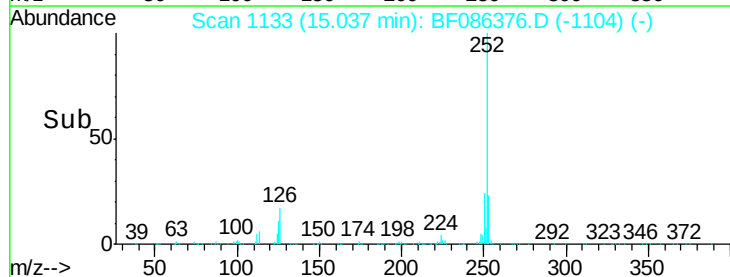
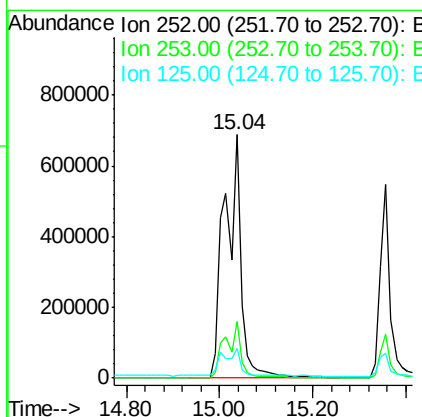
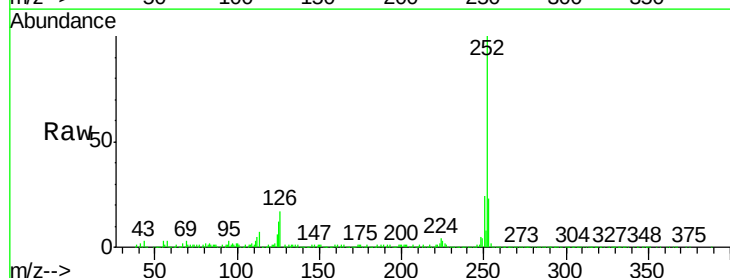
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.3	25.9

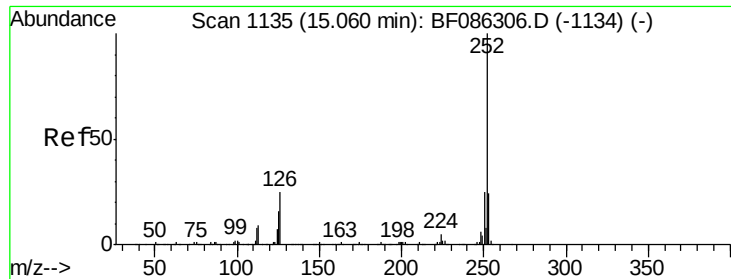


#87
Benzo(b)fluoranthene
Concen: 86.78 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.03 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion: 252 Resp: 1696229

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.3	11.4	17.0

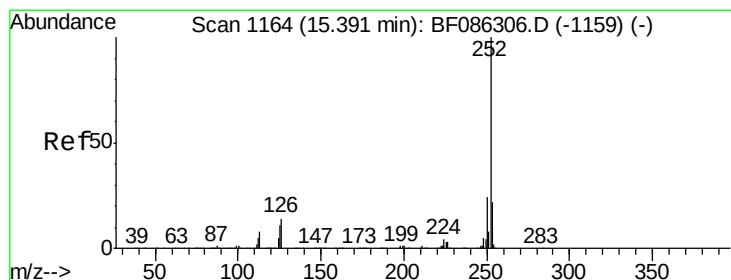
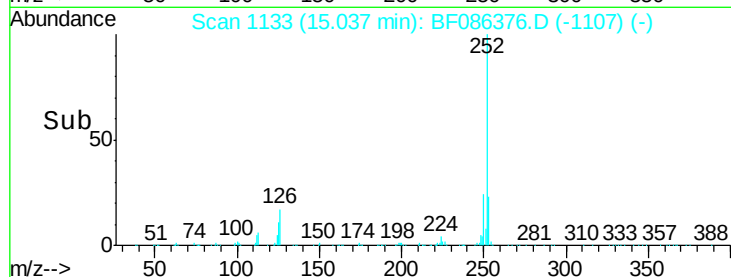
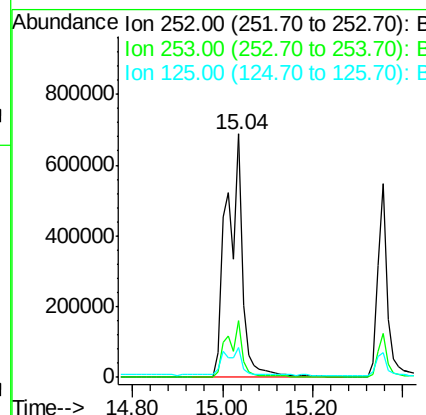
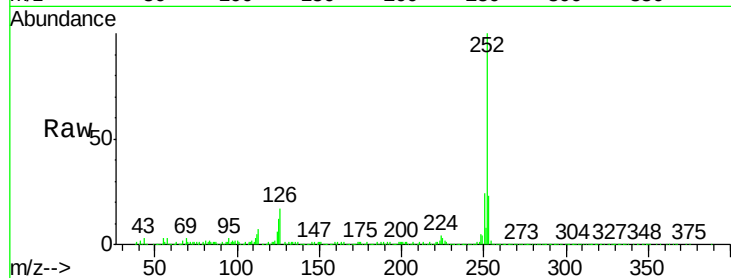




#88
Benzo(k)fluoranthene
Concen: 88.46 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

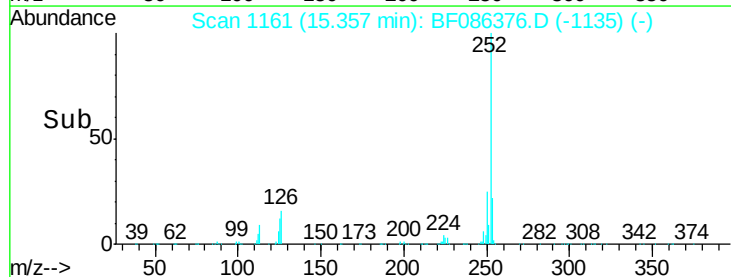
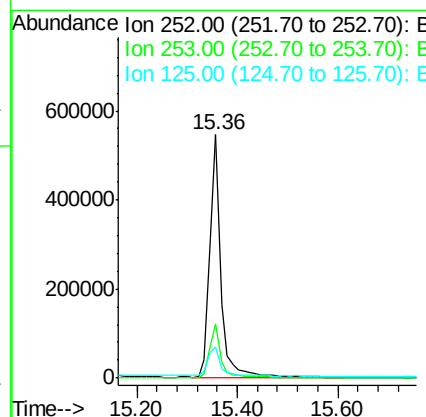
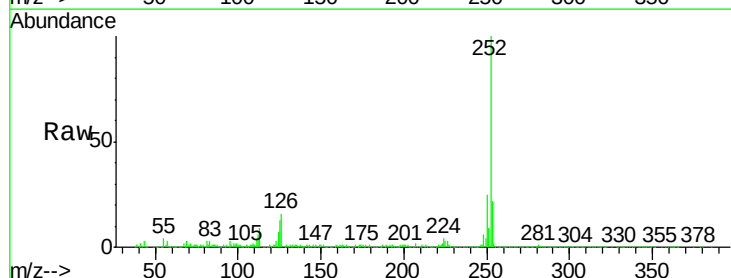
Instrument :
BNA_F
ClientSampleId :
MW-11MS

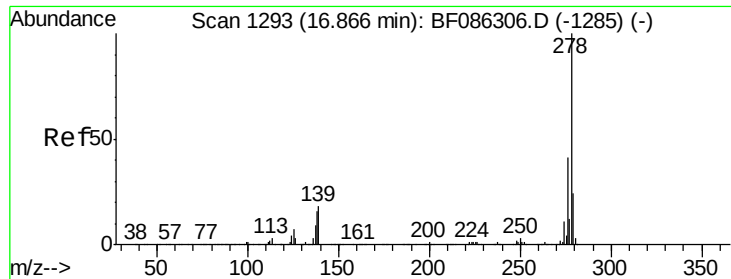
Tgt Ion:252 Resp: 1697047
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.3 9.1 13.7



#89
Benzo(a)pyrene
Concen: 42.94 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086376.D
Acq: 23 Apr 2016 7:47

Tgt Ion:252 Resp: 828023
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.9 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 52.84 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

Instrument :

BNA_F

ClientSampleId :

MW-11MS

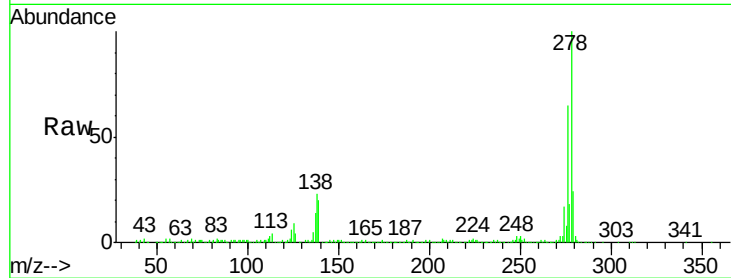
Tgt Ion:278 Resp: 840500

Ion Ratio Lower Upper

278 100

139 20.3 16.6 24.8

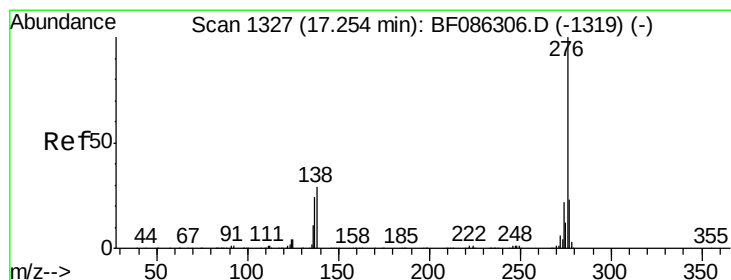
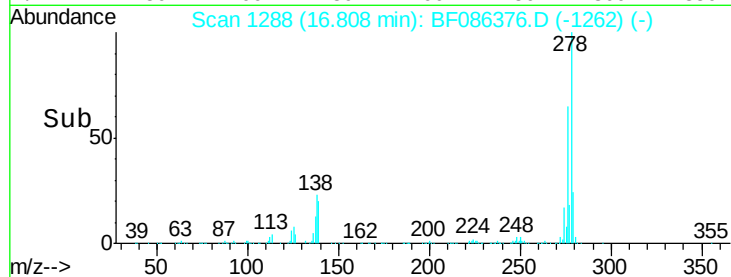
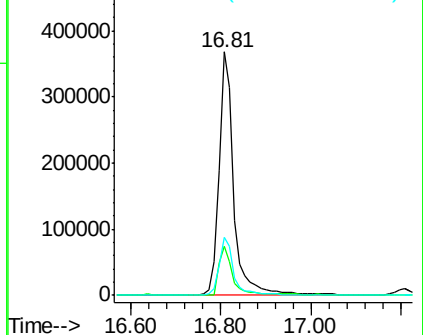
279 23.9 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 53.27 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF086376.D

Acq: 23 Apr 2016 7:47

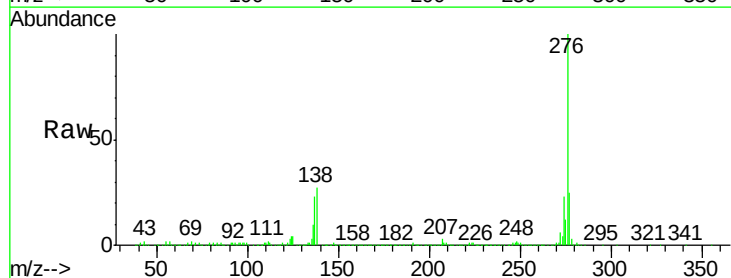
Tgt Ion:276 Resp: 874701

Ion Ratio Lower Upper

276 100

277 24.9 19.6 29.4

138 26.6 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

