

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081367.D
 Acq On : 3 Sep 2015 00:52
 Operator : UM/IZ
 Sample : G3474-05MSDRE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Quant Time: Sep 03 01:37:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	79871	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	301106	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	142001	20.00	ng	0.01
63) Phenanthrene-d10	10.89	188	237712	20.00	ng	0.01
75) Chrysene-d12	13.51	240	173315	20.00	ng	0.01
86) Perylene-d12	14.81	264	118402	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.95	112	279850	54.36	ng	0.02
7) Phenol-d6	6.07	99	249597	36.63	ng	0.01
23) Nitrobenzene-d5	6.97	82	557331	89.30	ng	0.00
41) 2,4,6-Tribromophenol	10.22	330	131355	103.89	ng	0.01
44) 2-Fluorobiphenyl	8.76	172	791221	71.40	ng	0.00
78) Terphenyl-d14	12.48	244	683363	91.78	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	32172	13.92	ng	# 84
3) Pyridine	2.35	79	65682	10.30	ng	# 86
4) n-Nitrosodimethylamine	2.28	42	62837	17.74	ng	# 72
6) Aniline	6.15	93	347161	36.08	ng	# 77
8) 2-Chlorophenol	6.18	128	182165	32.11	ng	# 87
9) Benzaldehyde	5.93	77	9782	2.29	ng	# 84
10) Phenol	6.08	94	96119	12.16	ng	# 51
11) bis(2-Chloroethyl)ether	6.15	93	353802	62.06	ng	# 93
12) 1,3-Dichlorobenzene	6.33	146	223091	36.81	ng	# 97
13) 1,4-Dichlorobenzene	6.41	146	236803	38.37	ng	# 93
14) 1,2-Dichlorobenzene	6.41	146	236803	42.62	ng	# 96
15) Benzyl Alcohol	6.56	79	139672	24.99	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.70	45	447975	40.99	ng	# 56
17) 2-Methylphenol	6.70	107	122658	27.10	ng	# 61
18) Hexachloroethane	6.90	117	94858	39.51	ng	# 88
19) n-Nitroso-di-n-propylamine	6.84	70	191417	41.27	ng	# 85
20) 3+4-Methylphenols	6.86	107	161369	26.44	ng	# 85
22) Acetophenone	6.82	105	338243	41.13	ng	# 77
24) Nitrobenzene	6.99	77	270692	41.77	ng	# 63
25) Isophorone	7.24	82	489711	42.19	ng	# 88
26) 2-Nitrophenol	7.31	139	114800	40.64	ng	# 69
27) 2,4-Dimethylphenol	7.38	122	186512	38.23	ng	# 81
28) bis(2-Chloroethoxy)methane	7.46	93	269335	40.17	ng	# 92
29) 2,4-Dichlorophenol	7.56	162	171872	40.62	ng	# 95
30) 1,2,4-Trichlorobenzene	7.63	180	197377	42.94	ng	# 99
31) Naphthalene	7.70	128	579759	36.10	ng	# 97
32) Benzoic acid	7.52	122	42210	14.02	ng	# 64
33) 4-Chloroaniline	7.78	127	51217	7.82	ng	# 88
34) Hexachlorobutadiene	7.83	225	113503	40.58	ng	# 98
35) Caprolactam	8.23	113	9640	7.43	ng	# 31
36) 4-Chloro-3-methylphenol	8.28	107	182859	38.61	ng	# 79
37) 2-Methylnaphthalene	8.40	142	432389	41.38	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	168398	37.50	ng	# 97
40) Hexachlorocyclopentadiene	8.55	237	88751	40.27	ng	# 97

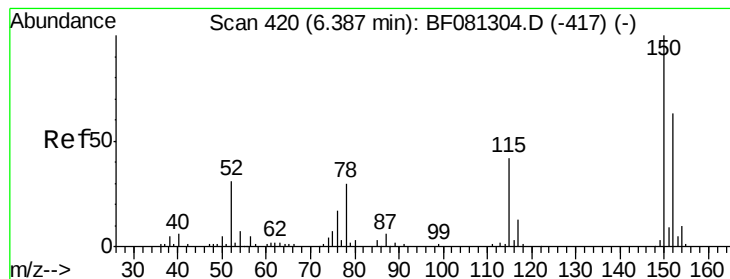
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	108450	34.99	nq	100
43) 2,4,5-Trichlorophenol	8.74	196	121830	38.53	nq	# 88
45) 1,1'-Biphenyl	8.87	154	511024	39.12	nq	94
46) 2-Chloronaphthalene	8.88	162	354702	37.60	nq	# 87
47) 2-Nitroaniline	8.99	65	148853	38.71	nq	# 60
48) Acenaphthylene	9.29	152	599400	35.81	nq	97
49) Dimethylphthalate	9.19	163	442248	40.08	nq	# 97
50) 2,6-Dinitrotoluene	9.24	165	99217	39.62	nq	# 78
51) Acenaphthene	9.46	154	389262	40.88	nq	90
52) 3-Nitroaniline	9.40	138	45541	15.98	nq	# 44
53) 2,4-Dinitrophenol	9.52	184	108994	103.34	nq	# 66
54) Dibenzofuran	9.63	168	565632	40.68	nq	# 86
55) 4-Nitrophenol	9.63	139	279702	156.18	nq	# 36
56) 2,4-Dinitrotoluene	9.64	165	120302	37.73	nq	# 93
57) Fluorene	9.96	166	386467	36.63	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.76	232	88817	36.79	nq	# 90
59) Diethylphthalate	9.87	149	400116	34.48	nq	94
60) 4-Chlorophenyl-phenylether	9.98	204	207197	42.13	nq	97
61) 4-Nitroaniline	9.96	138	7068	2.45	nq	91
62) Azobenzene	10.12	77	477137	36.98	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.04	198	67362	50.66	nq	97
65) n-Nitrosodiphenylamine	10.10	169	363887	42.07	nq	91
66) 4-Bromophenyl-phenylether	10.46	248	108049	44.95	nq	# 90
67) Hexachlorobenzene	10.51	284	115347	45.90	nq	# 81
68) Atrazine	10.68	200	44415	17.74	nq	84
69) Pentachlorophenol	10.72	266	113797	91.59	nq	99
70) Phenanthrene	10.91	178	493648	37.35	nq	95
71) Anthracene	10.97	178	554980	40.88	nq	97
72) Carbazole	11.14	167	516447	40.53	nq	96
73) Di-n-butylphthalate	11.50	149	672082	44.67	nq	# 99
74) Fluoranthene	12.09	202	501676	35.07	nq	90
77) Pyrene	12.32	202	573616	44.68	nq	98
79) Butylbenzylphthalate	12.97	149	248963	44.59	nq	98
80) Benzo(a)anthracene	13.50	228	398833	36.13	nq	96
82) Chrysene	13.53	228	373332	37.73	nq	94
83) Bis(2-ethylhexyl)phthalate	13.53	149	385560	52.33	nq	# 91
84) Di-n-octyl phthalate	14.14	149	584004	48.14	nq	97
85) Indeno(1,2,3-cd)pyrene	15.91	276	296787	40.89	nq	# 87
87) Benzo(b)fluoranthene	14.51	252	616718	72.96	nq	# 82
88) Benzo(k)fluoranthene	14.51	252	616718	87.93	nq	# 83
89) Benzo(a)pyrene	14.77	252	279596	39.03	nq	# 85
90) Dibenzo(a,h)anthracene	15.92	278	247314	44.68	nq	# 82
91) Benzo(g,h,i)perylene	16.23	276	252662	47.83	nq	# 78

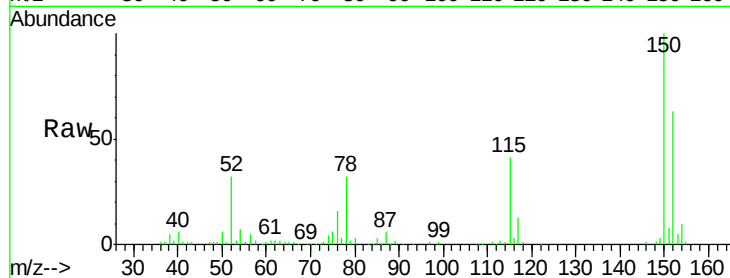
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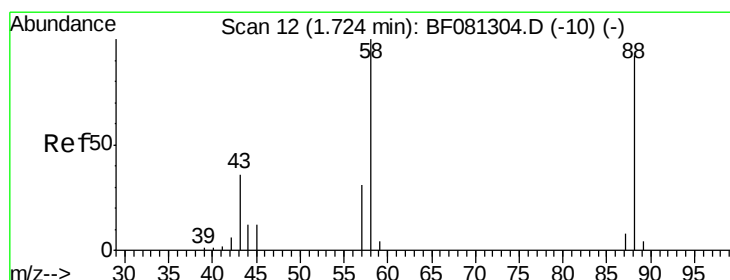
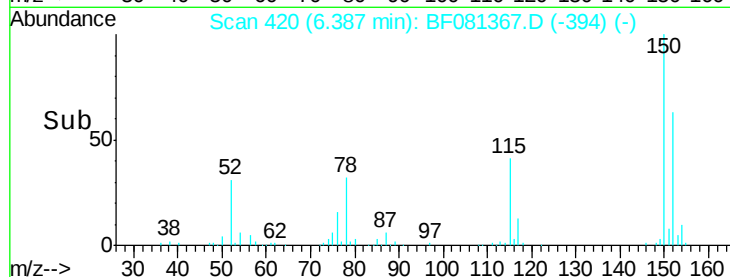
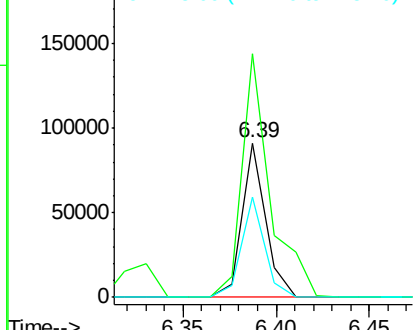
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.39 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion:152 Resp: 79871
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.7 187.1
 115 65.1 39.0 58.4#

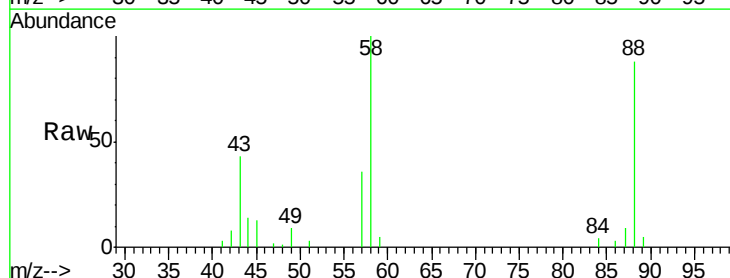


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

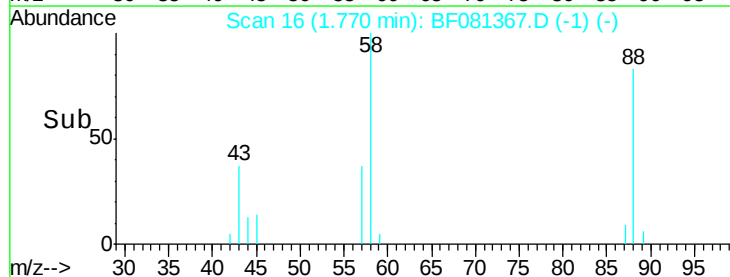
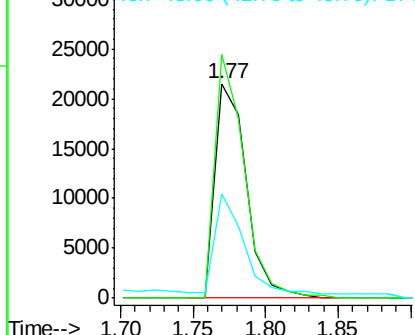


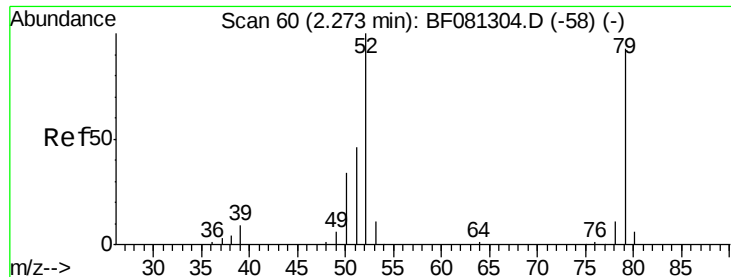
#2
 1,4-Dioxane
 Concen: 13.92 ng
 RT: 1.77 min Scan# 16
 Delta R.T. 0.05 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion: 88 Resp: 32172
 Ion Ratio Lower Upper
 88 100
 58 106.5 77.7 116.5
 43 53.6 26.6 40.0#



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





#3

Pvridine

Concen: 10.30 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

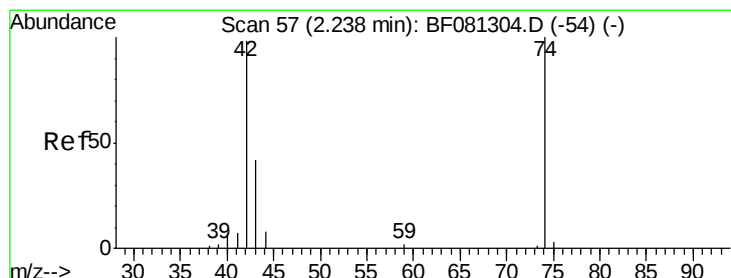
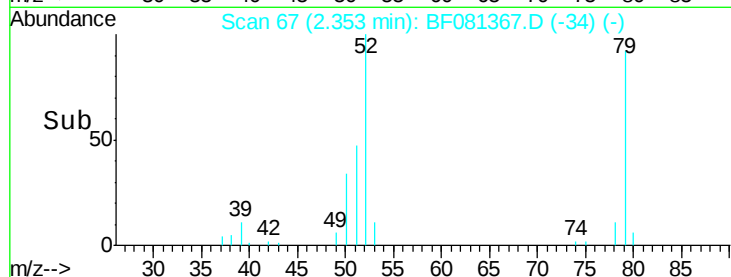
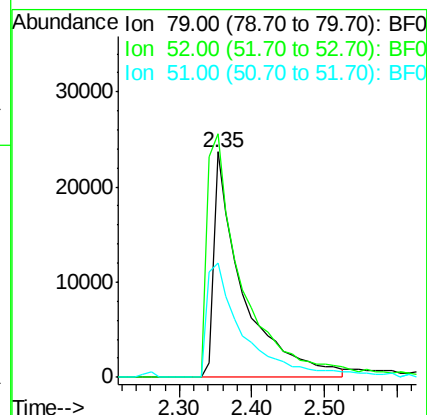
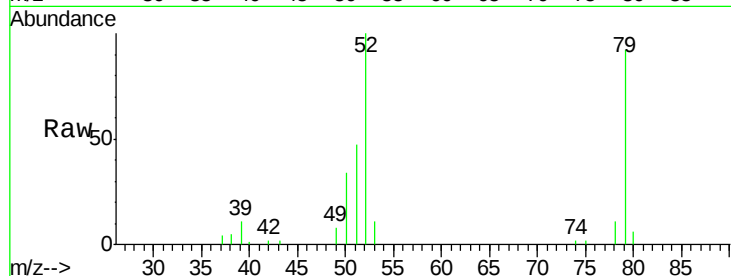
Tot Ion: 79 Resp: 65682

Ion Ratio Lower Upper

79 100

52 108.1 76.8 115.2

51 50.9 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 17.74 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.05 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

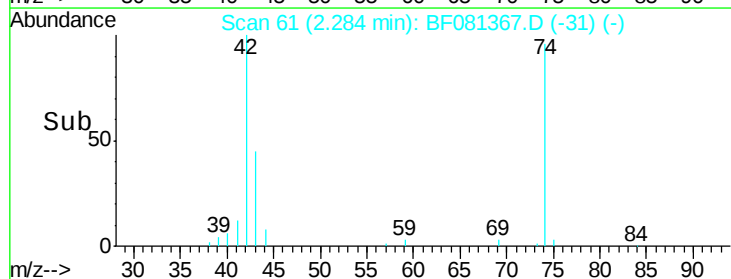
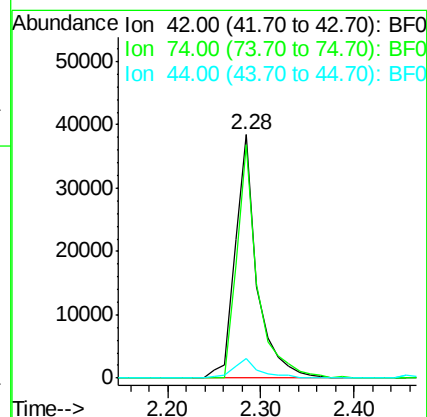
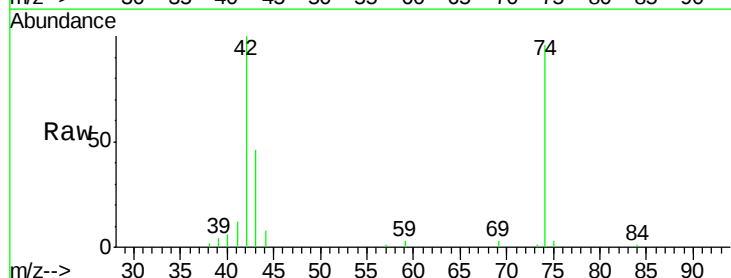
Tgt Ion: 42 Resp: 62837

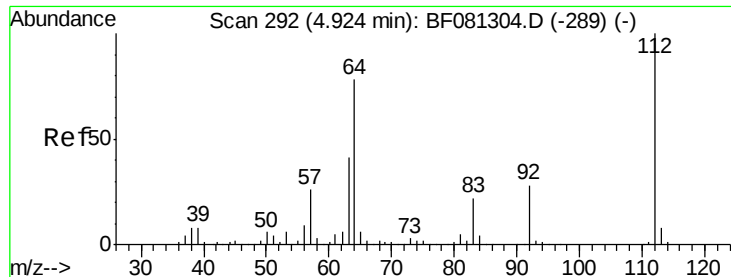
Ion Ratio Lower Upper

42 100

74 95.9 105.0 157.6#

44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 54.36 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

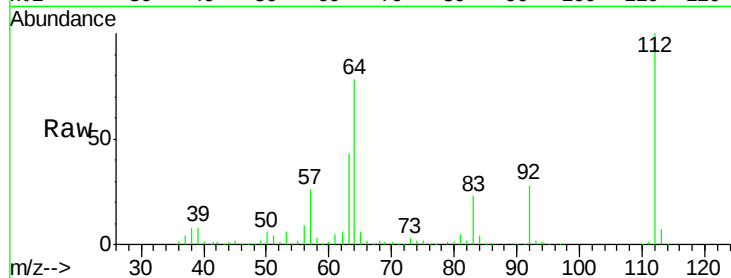
Tot Ion:112 Resp: 279850

Ion Ratio Lower Upper

112 100

64 78.2 39.7 59.5#

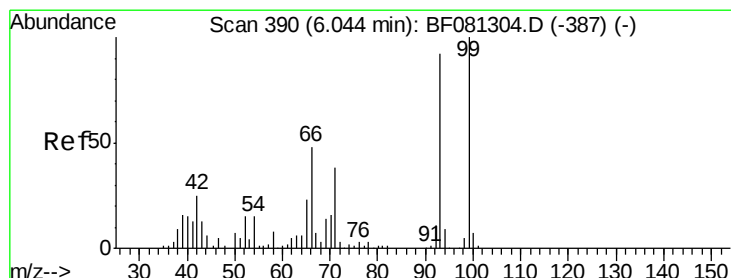
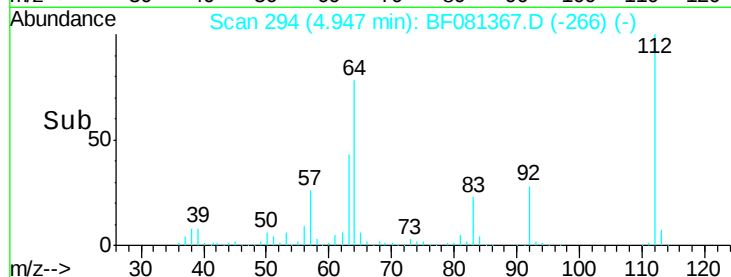
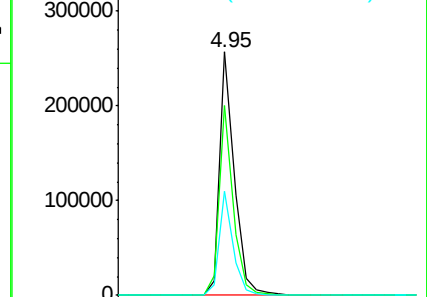
63 42.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.08 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.10 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

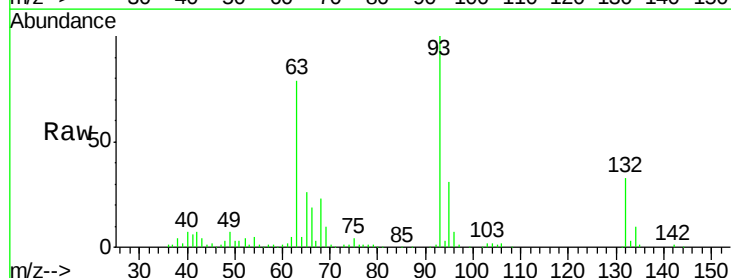
Tgt Ion: 93 Resp: 347161

Ion Ratio Lower Upper

93 100

66 19.1 27.2 40.8#

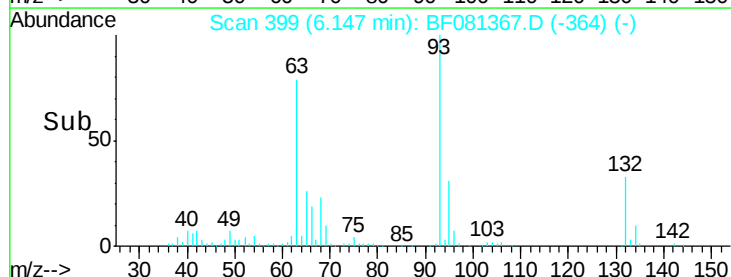
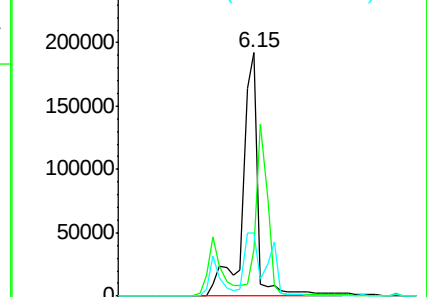
65 25.7 14.7 22.1#

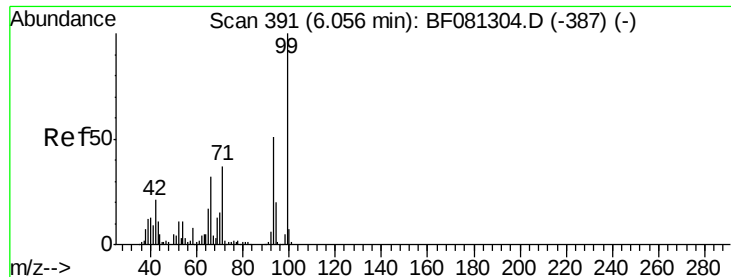


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 36.63 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

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ClientSampleId :

MW-04MSD

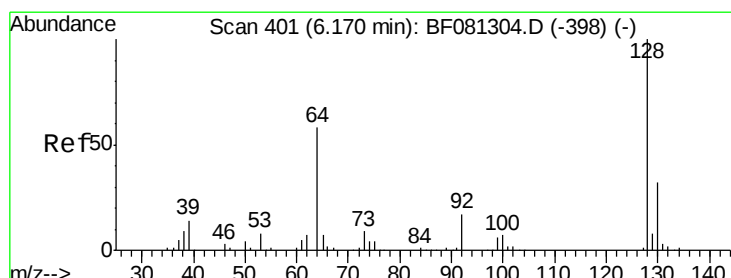
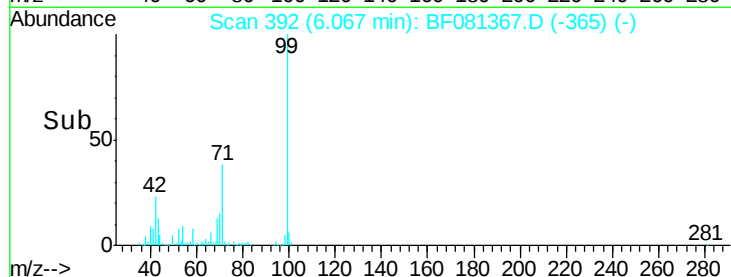
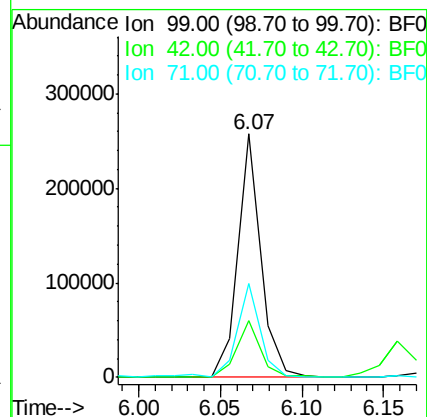
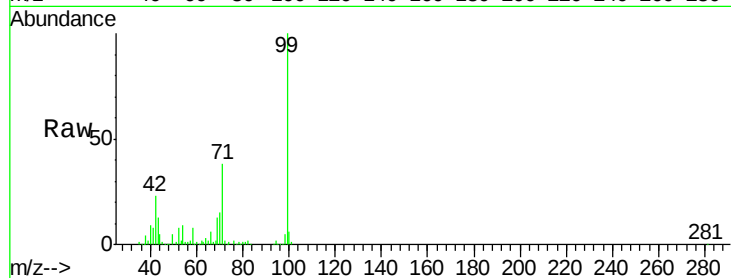
Tot Ion: 99 Resp: 249597

Ion Ratio Lower Upper

99 100

42 23.3 13.7 20.5#

71 38.4 14.2 21.2#



#8

2-Chlorophenol

Concen: 32.11 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

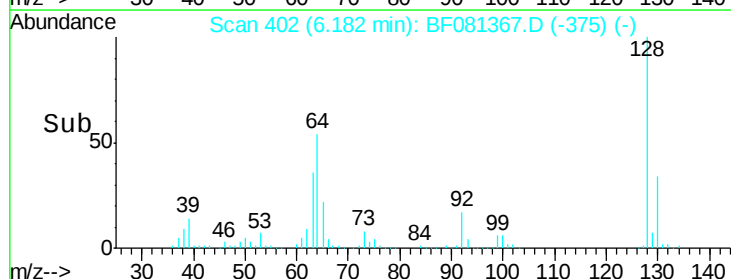
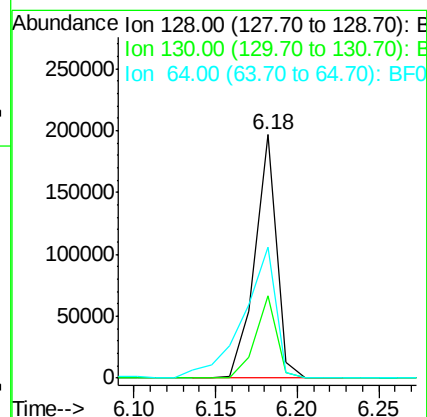
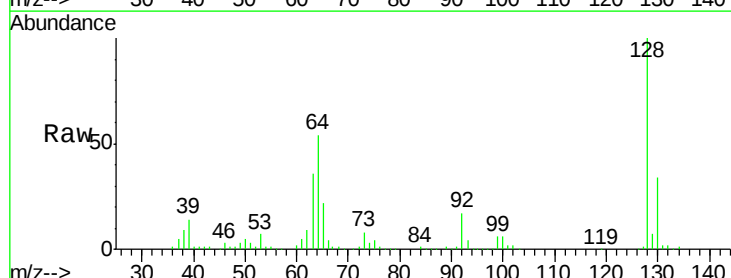
Tgt Ion: 128 Resp: 182165

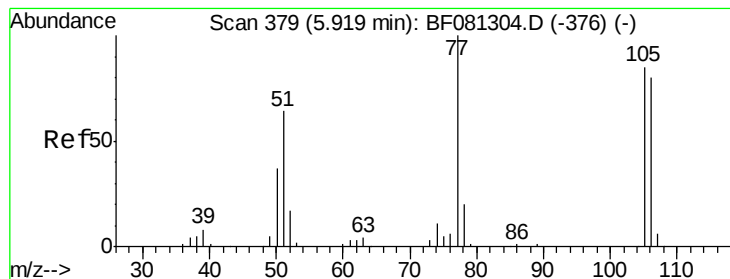
Ion Ratio Lower Upper

128 100

130 33.7 12.2 52.2

64 53.8 20.5 60.5





#9

Benzaldehyde

Concen: 2.29 ng

RT: 5.93 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

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MW-04MSD

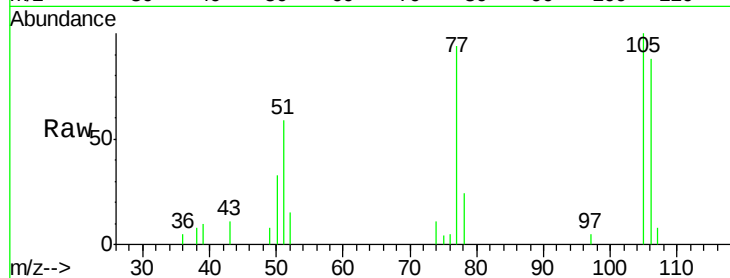
Tot Ion: 77 Resp: 9782

Ion Ratio Lower Upper

77 100

105 106.3 91.6 131.6

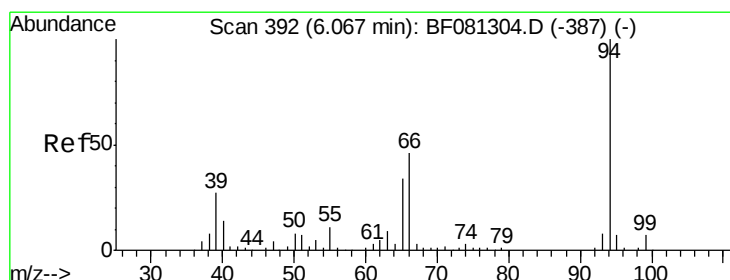
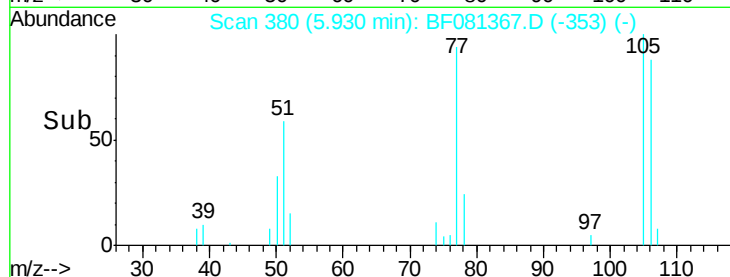
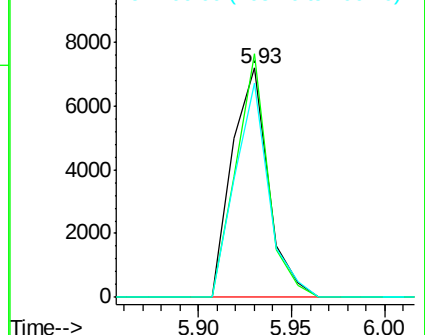
106 93.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.16 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

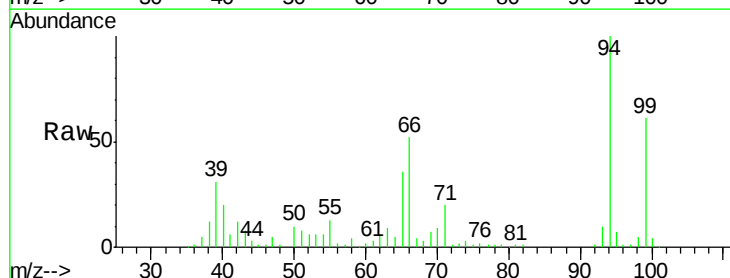
Tgt Ion: 94 Resp: 96119

Ion Ratio Lower Upper

94 100

65 35.5 0.7 40.7

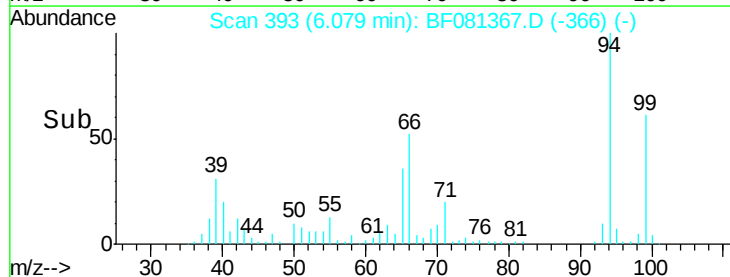
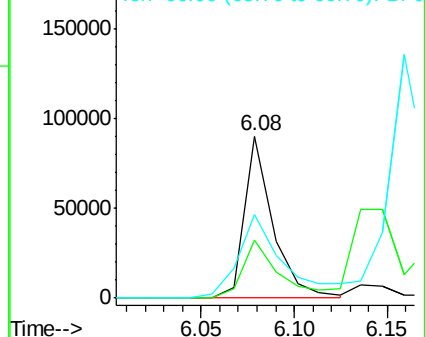
66 51.8 0.8 40.8#

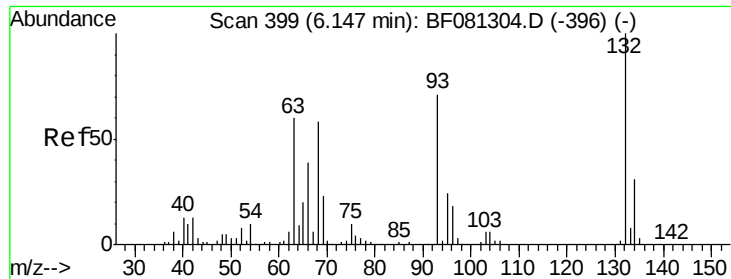


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

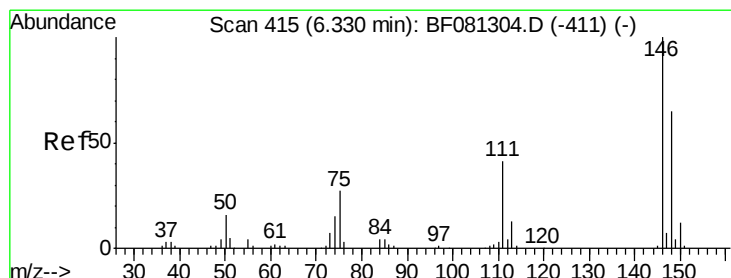
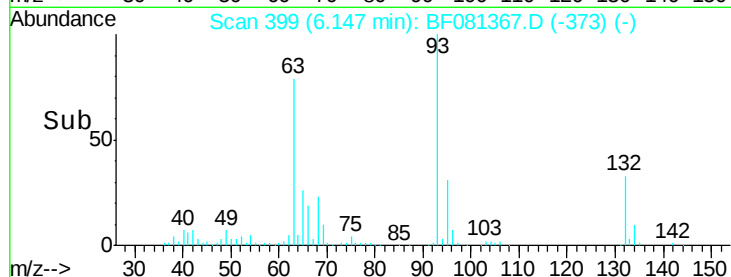
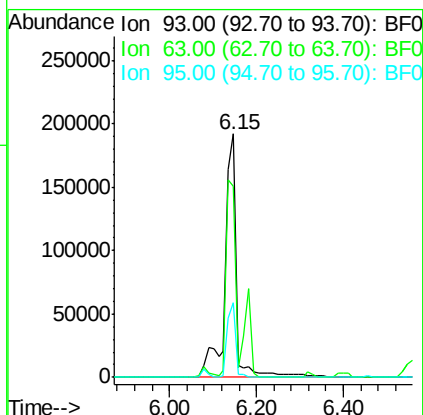
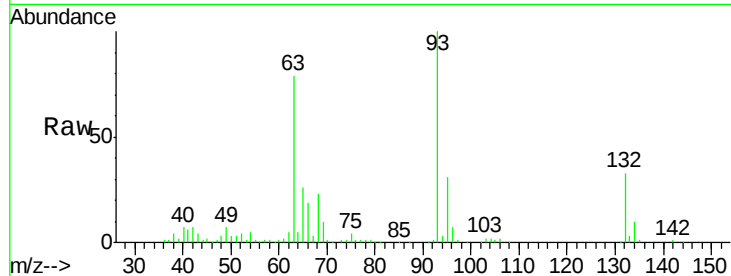




#11
bis(2-Chloroethyl)ether
Concen: 62.06 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

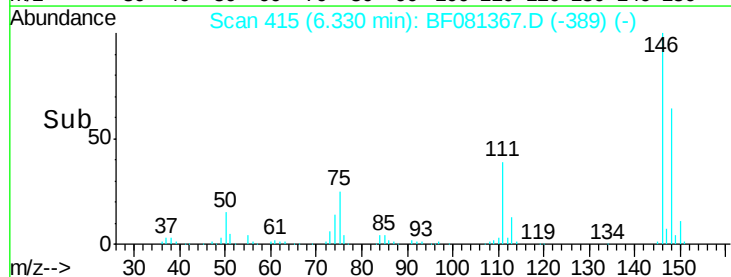
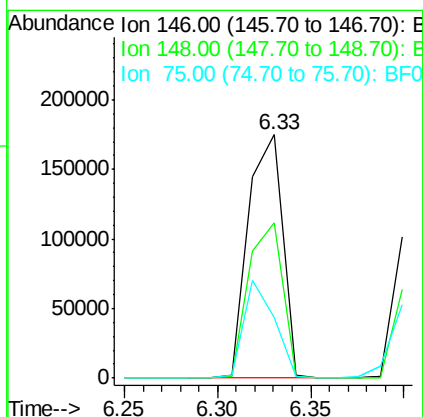
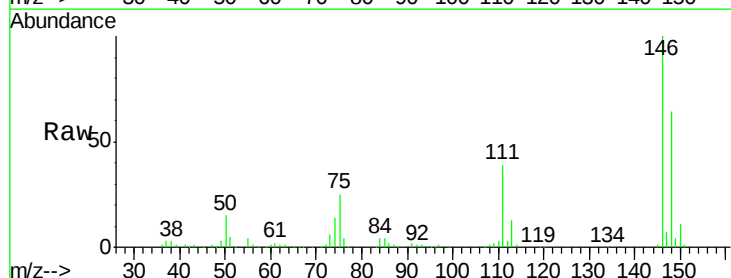
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

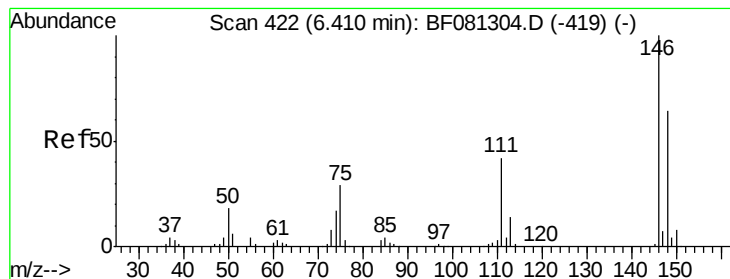
Tot Ion: 93 Resp: 353802
Ion Ratio Lower Upper
93 100
63 78.6 65.6 105.6
95 30.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.81 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion: 146 Resp: 223091
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 24.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 38.37 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

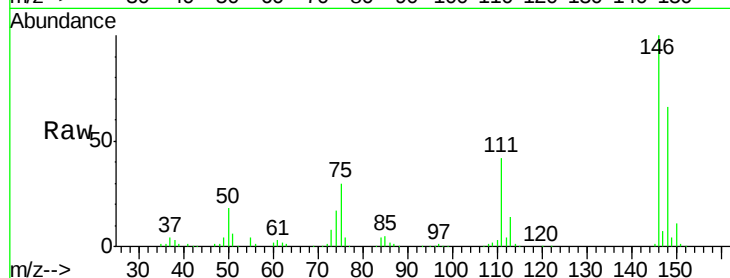
Tot Ion:146 Resp: 236803

Ion Ratio Lower Upper

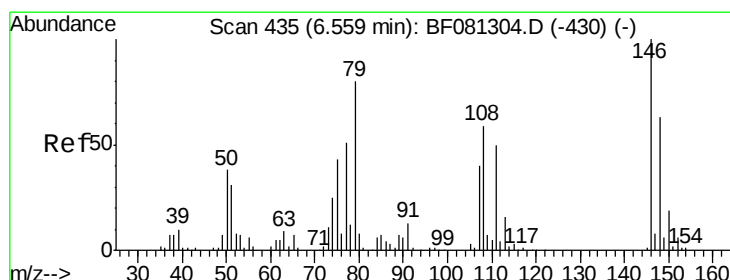
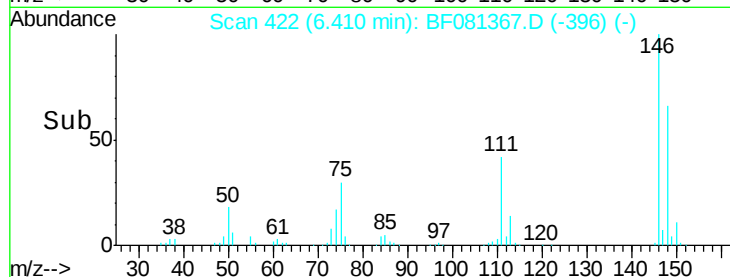
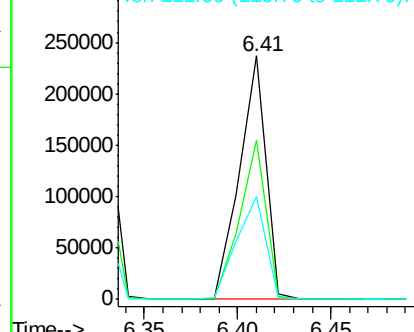
146 100

148 65.6 51.8 77.6

111 42.0 24.9 37.3#



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: 42.62 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.15 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

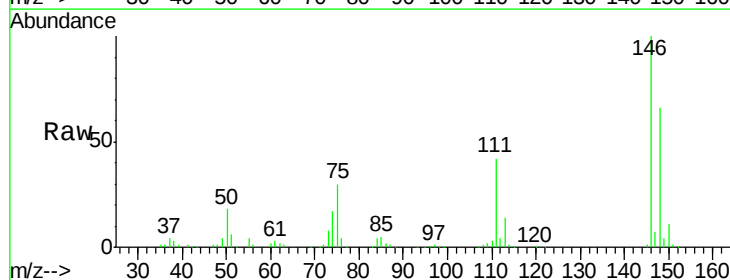
Tgt Ion:146 Resp: 236803

Ion Ratio Lower Upper

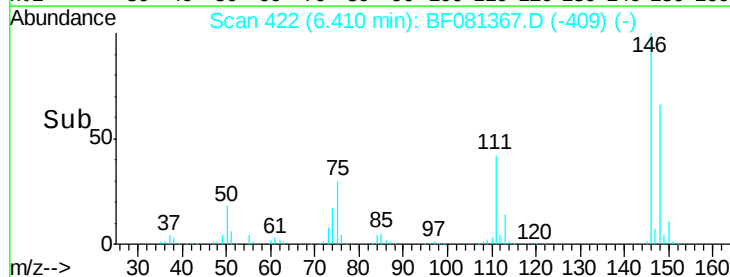
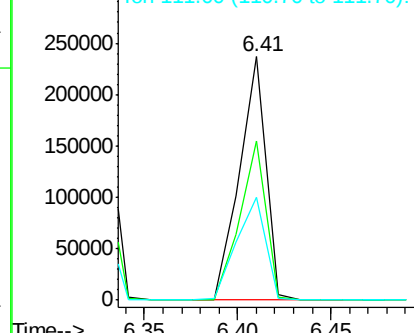
146 100

148 65.6 52.7 79.1

111 42.0 28.8 43.2



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

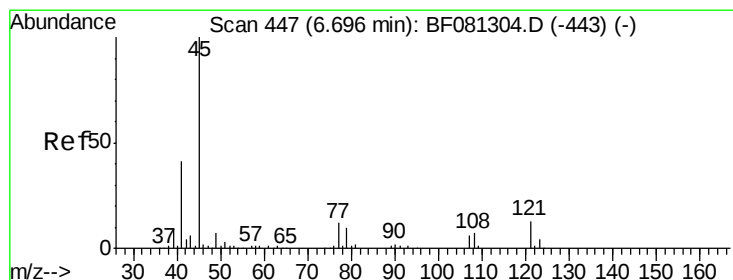
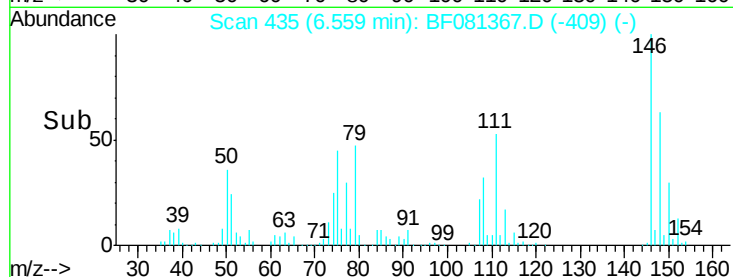
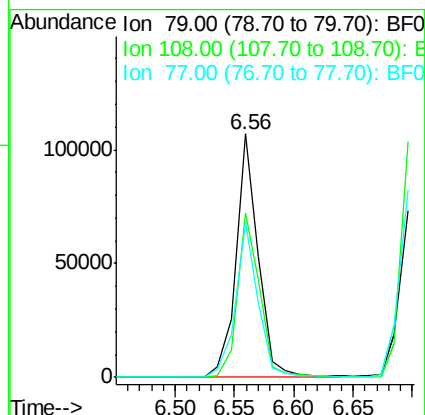
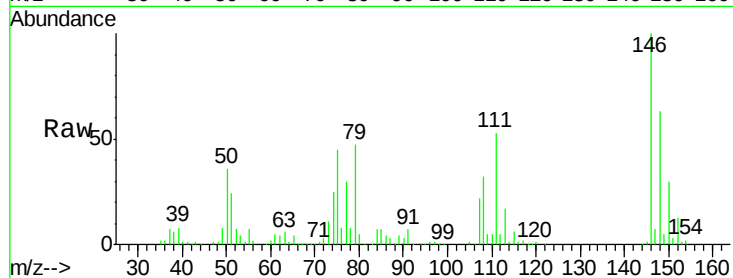




#15
Benzyl Alcohol
Concen: 24.99 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

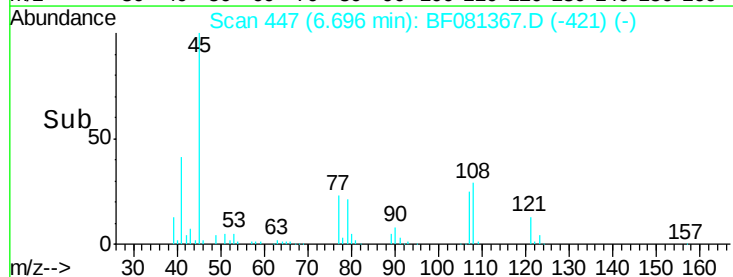
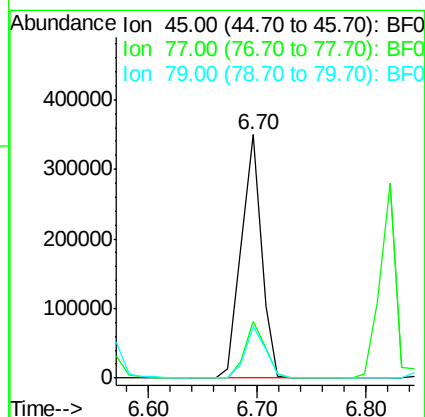
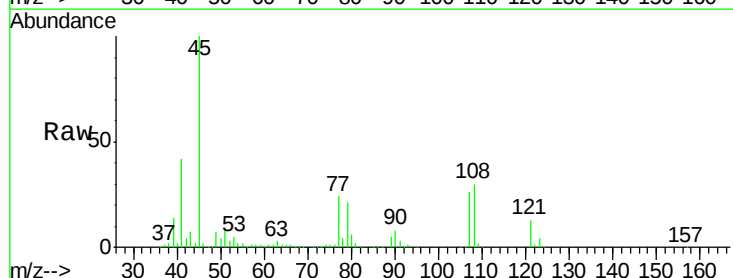
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

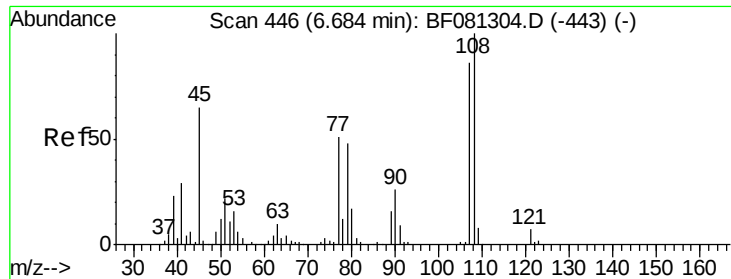
Tot Ion: 79 Resp: 139672
Ion Ratio Lower Upper
79 100
108 67.2 88.6 132.8#
77 63.6 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.99 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion: 45 Resp: 447975
Ion Ratio Lower Upper
45 100
77 23.5 0.0 28.1
79 21.0 0.0 26.0

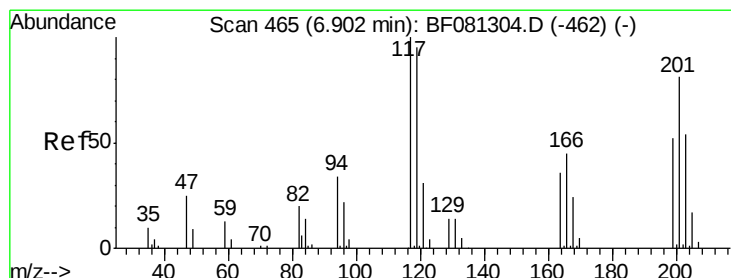
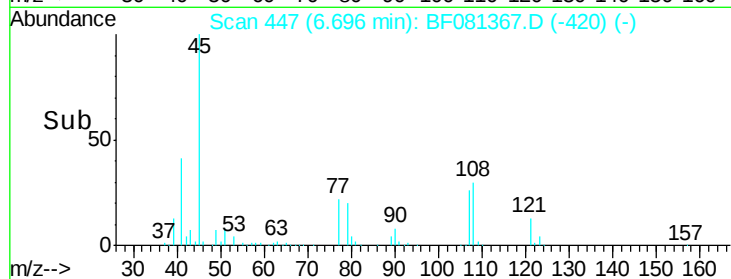
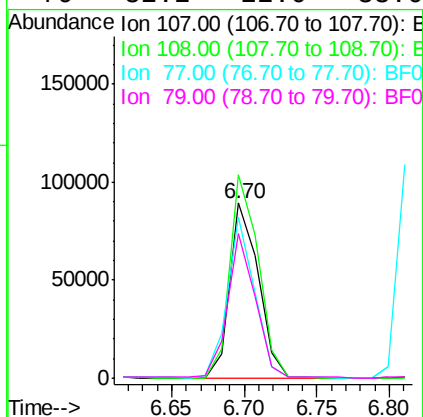
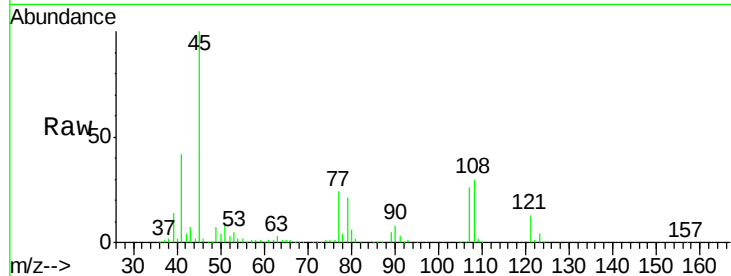




#17
2-Methylphenol
Concen: 27.10 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

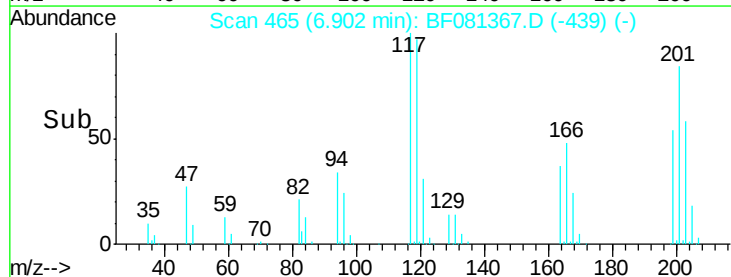
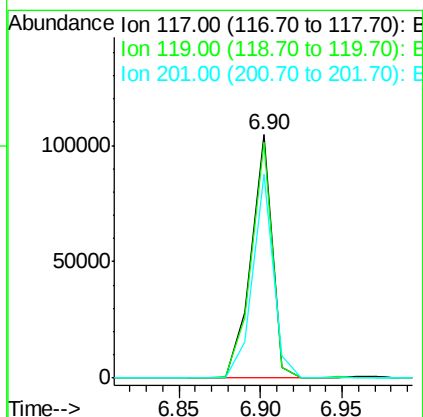
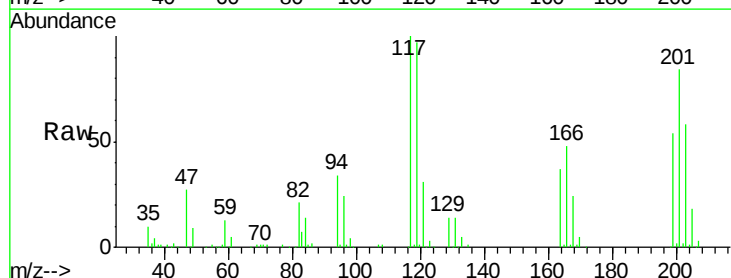
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

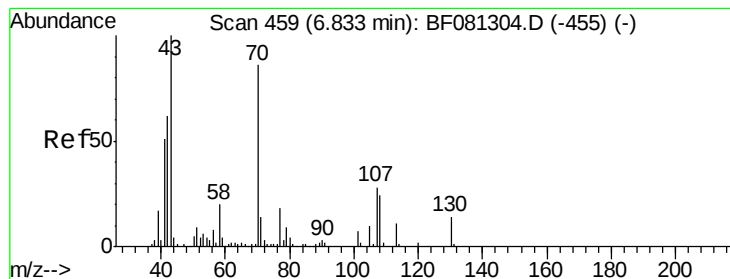
Tot Ion:107 Resp: 122658
Ion Ratio Lower Upper
107 100
108 115.8 96.6 145.0
77 92.0 23.3 34.9#
79 82.2 22.0 33.0#



#18
Hexachloroethane
Concen: 39.51 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:117 Resp: 94858
Ion Ratio Lower Upper
117 100
119 97.1 83.8 125.6
201 83.5 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 41.27 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tot Ion: 70 Resp: 191417

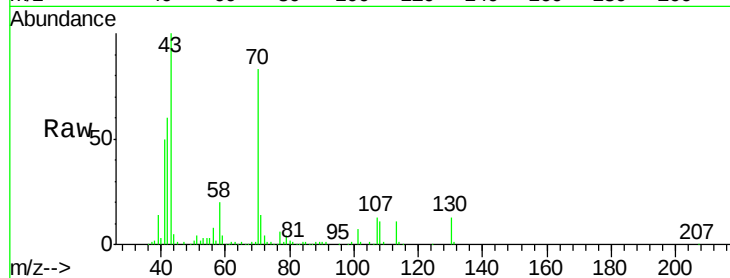
Ion Ratio Lower Upper

70 100

42 72.1 63.8 95.6

101 8.4 9.2 13.8#

130 16.0 27.3 40.9#

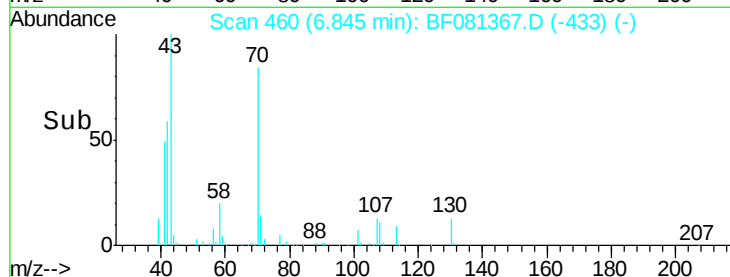
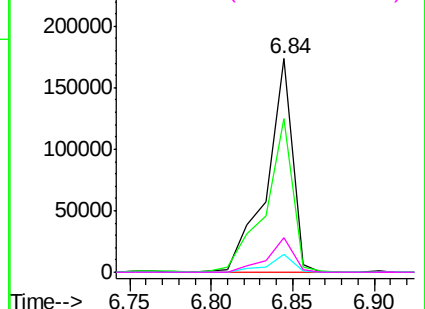


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 26.44 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Tgt Ion:107 Resp: 161369

Ion Ratio Lower Upper

107 100

108 86.9 74.6 114.6

77 37.3 0.7 40.7

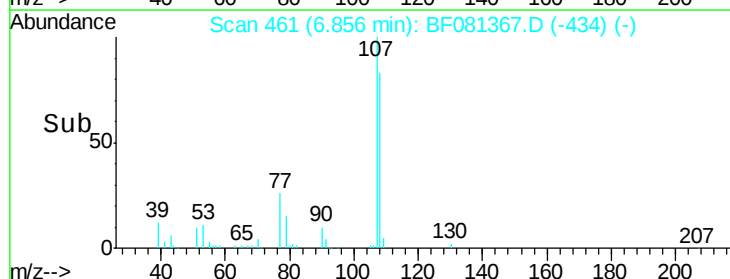
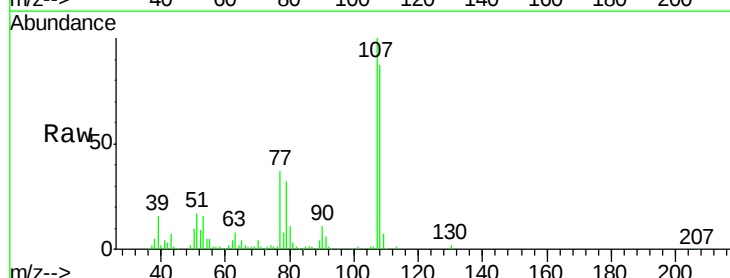
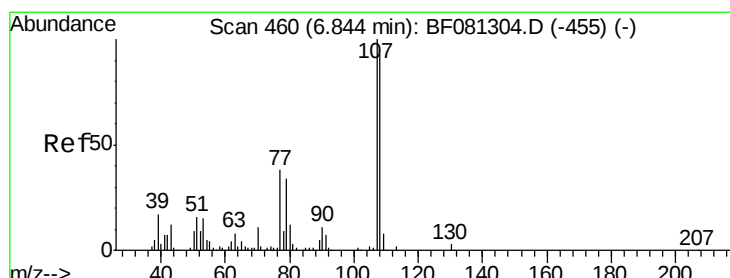
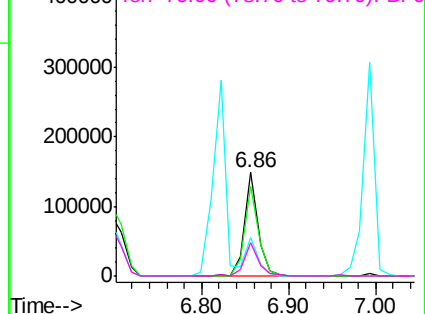
79 31.7 0.0 38.9

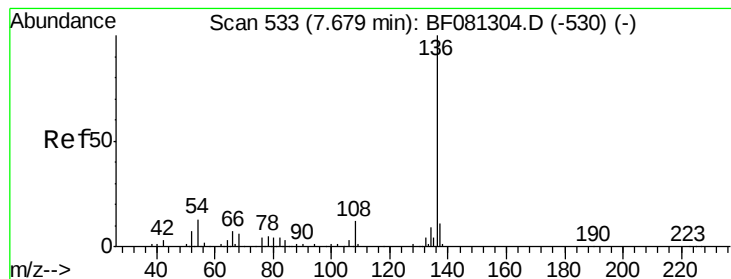
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tot Ion:136 Resp: 301106

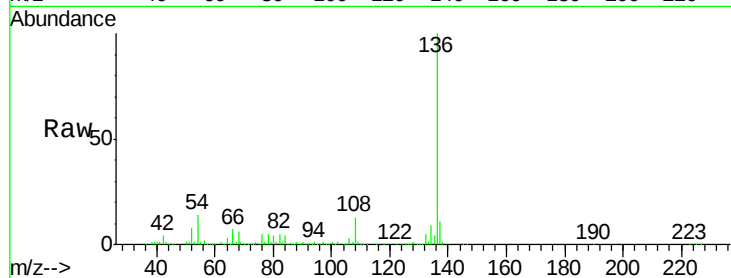
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.8 8.2 12.2#

68 6.3 5.8 8.6

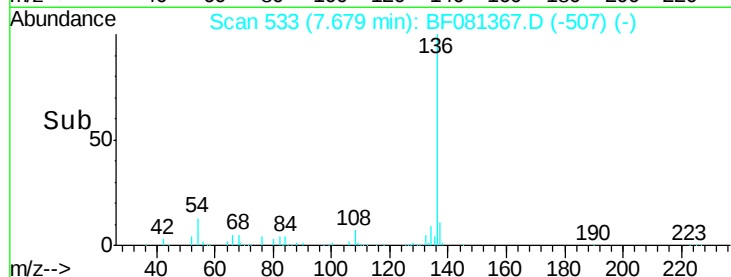


Abundance Ion 136.00 (135.70 to 136.70): E

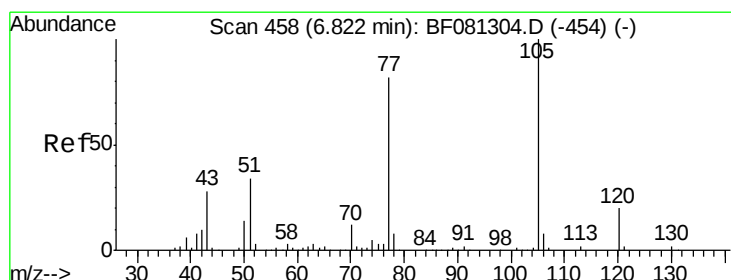
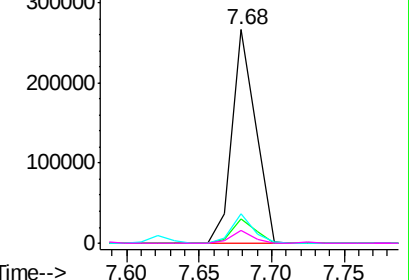
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.13 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Tgt Ion:105 Resp: 338243

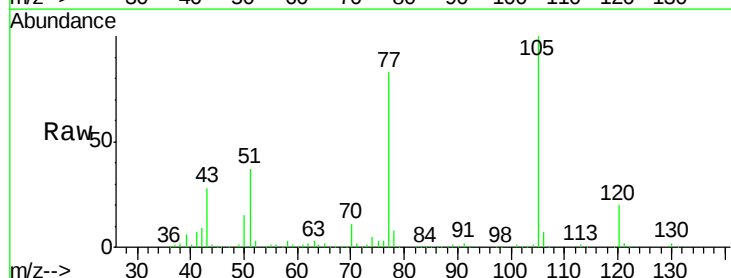
Ion Ratio Lower Upper

105 100

71 1.8 4.7 7.1#

51 36.7 22.0 33.0#

120 20.2 30.1 45.1#

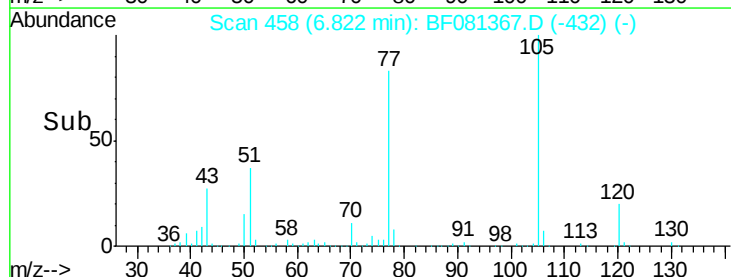


Abundance Ion 105.00 (104.70 to 105.70): E

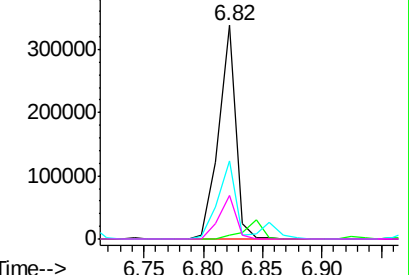
Ion 71.00 (70.70 to 71.70): BF0

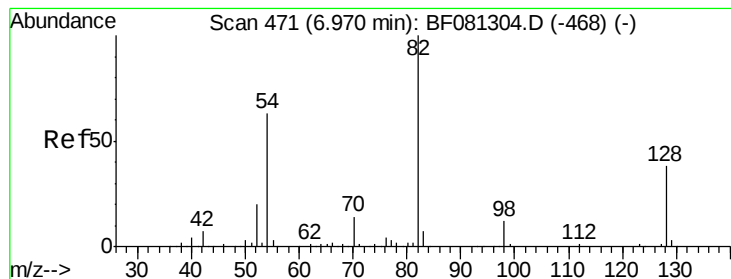
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 89.30 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

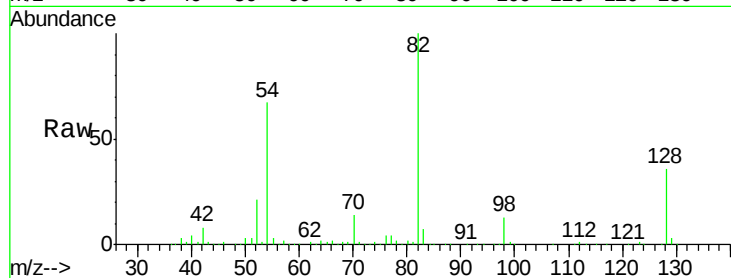
Tot Ion: 82 Resp: 557331

Ion Ratio Lower Upper

82 100

128 36.0 51.0 76.6#

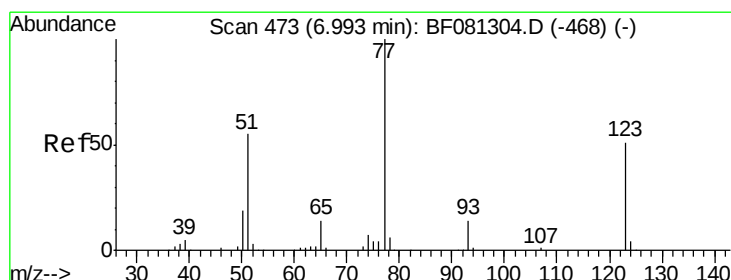
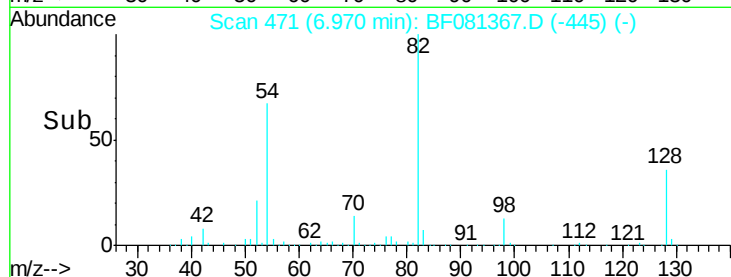
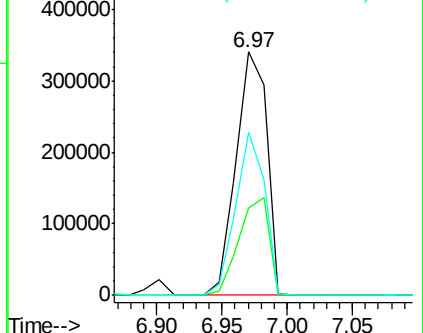
54 66.9 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.77 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

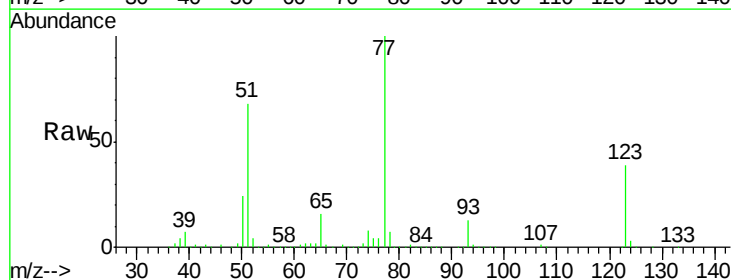
Tgt Ion: 77 Resp: 270692

Ion Ratio Lower Upper

77 100

123 39.1 59.8 89.8#

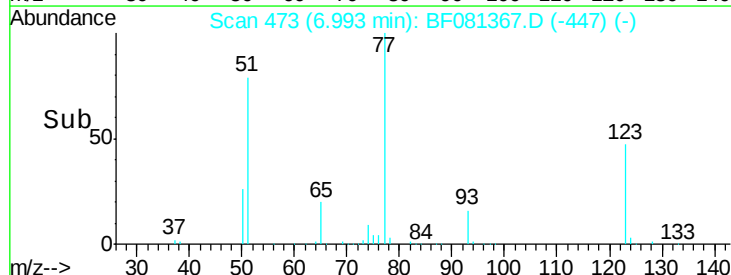
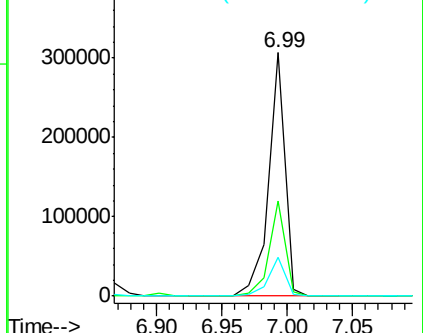
65 16.2 10.2 15.4#

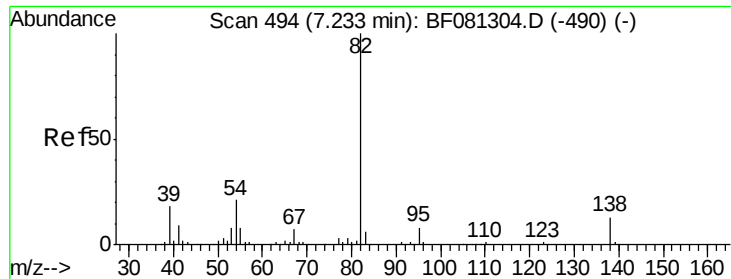


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.19 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampled :

MW-04MSD

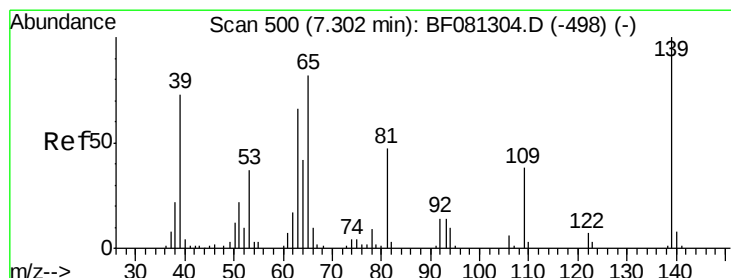
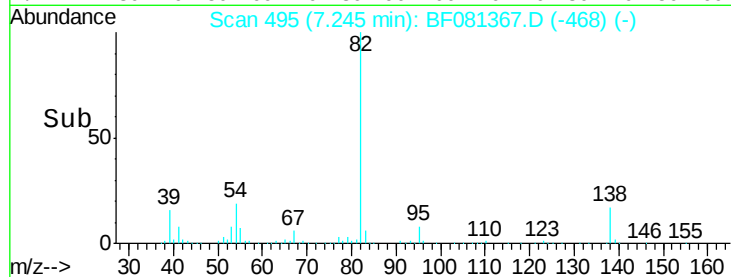
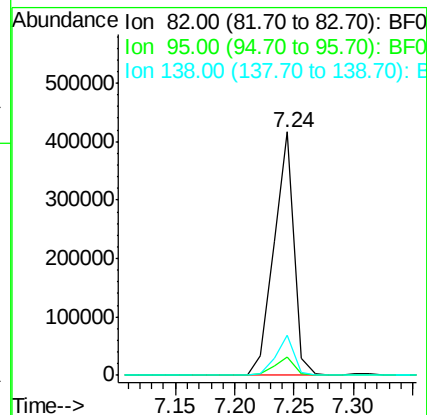
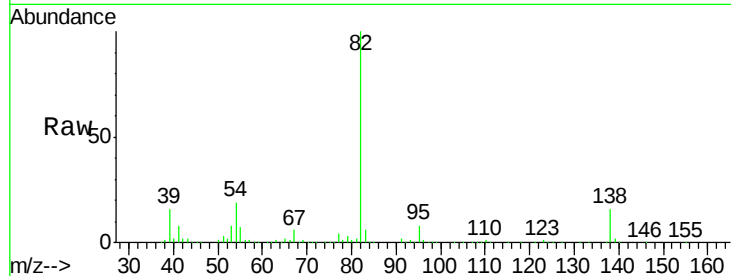
Tot Ion: 82 Resp: 489711

Ion Ratio Lower Upper

82 100

95 7.8 4.0 6.0#

138 16.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 40.64 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

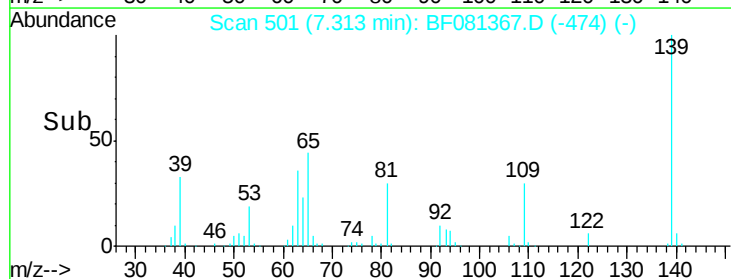
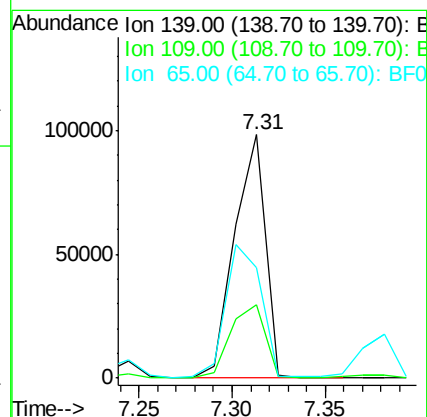
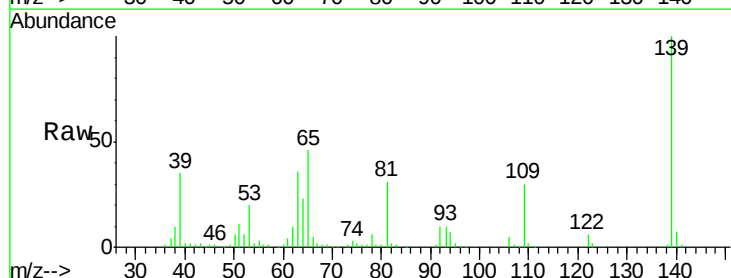
Tgt Ion: 139 Resp: 114800

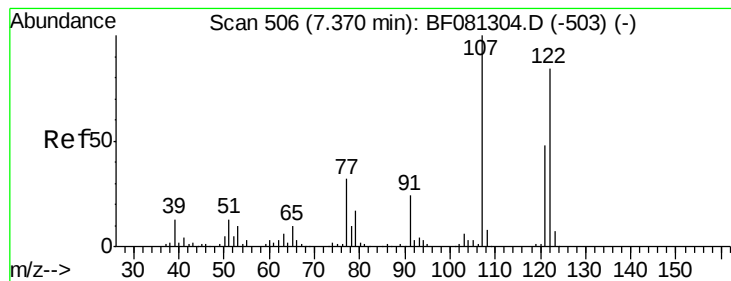
Ion Ratio Lower Upper

139 100

109 30.0 11.0 16.4#

65 45.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 38.23 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampled :

MW-04MSD

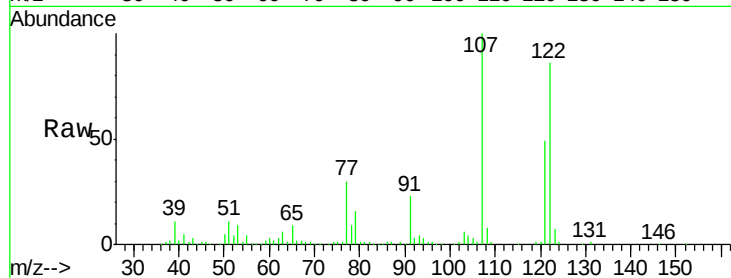
Tot Ion:122 Resp: 186512

Ion Ratio Lower Upper

122 100

107 115.7 71.8 107.6#

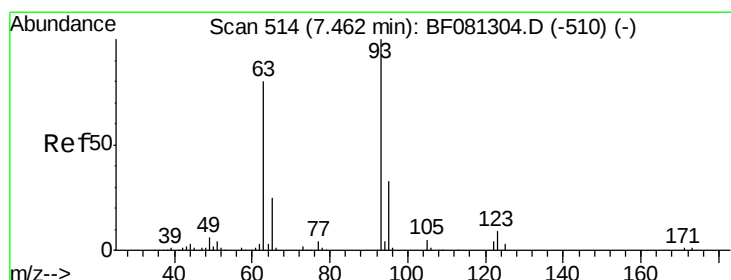
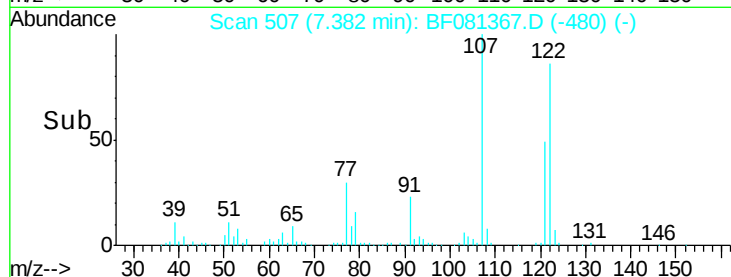
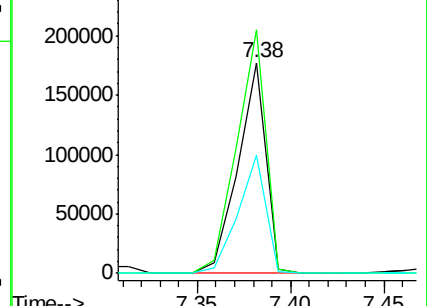
121 56.2 42.3 63.5



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: 40.17 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

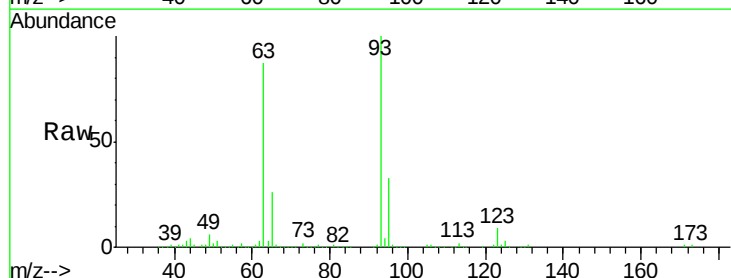
Tgt Ion: 93 Resp: 269335

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

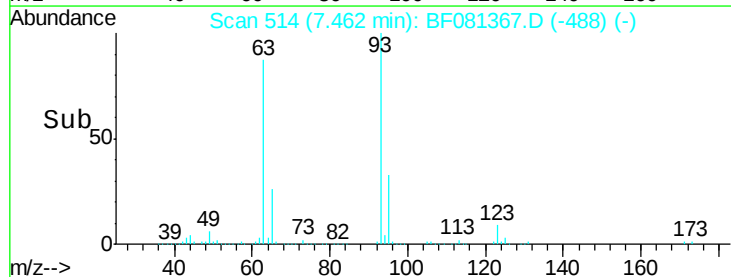
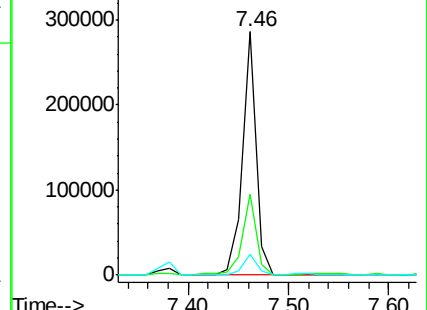
123 8.8 13.7 20.5#

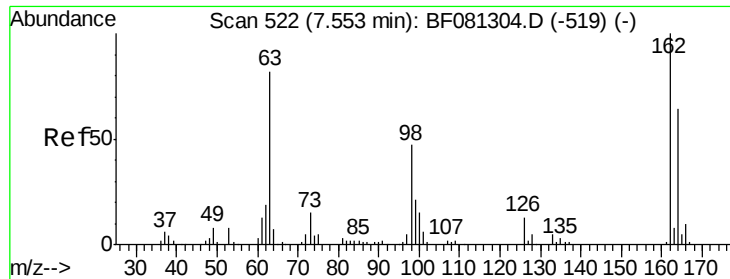


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

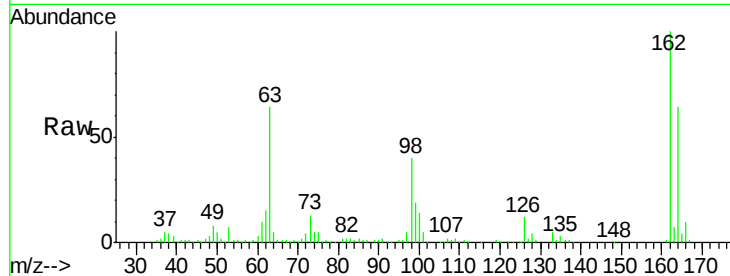




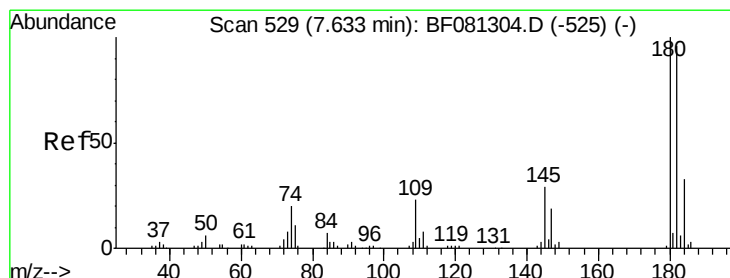
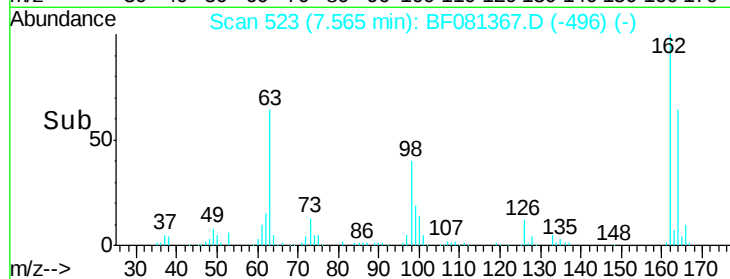
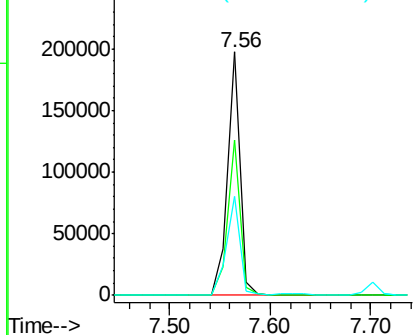
#29
 2,4-Dichlorophenol
 Concen: 40.62 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	40.4	13.0	53.0

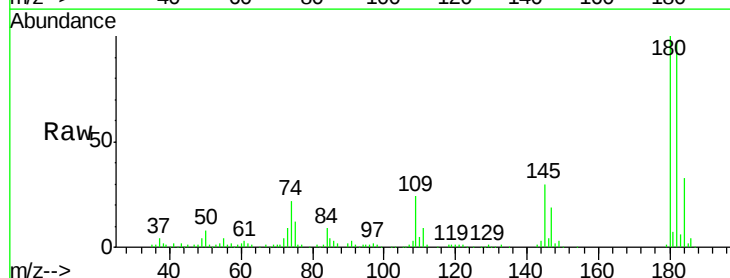


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

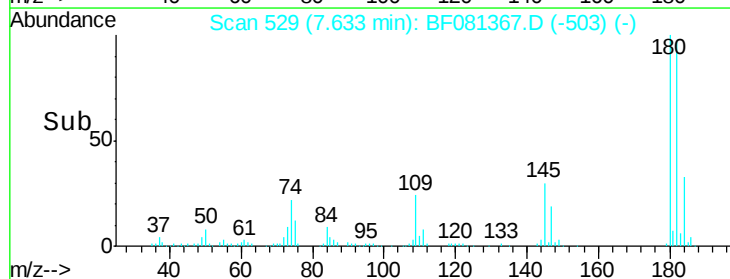
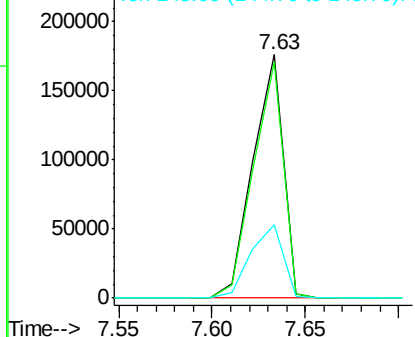


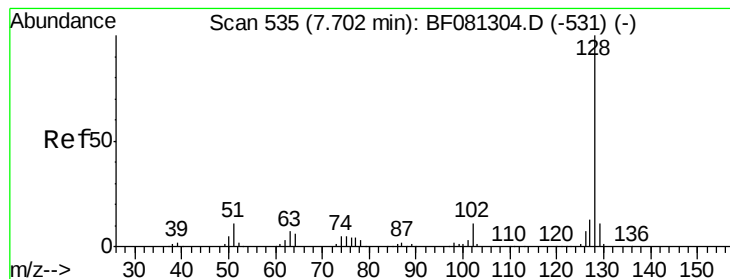
#30
 1,2,4-Trichlorobenzene
 Concen: 42.94 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
145	30.2	23.3	34.9



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: 36.10 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

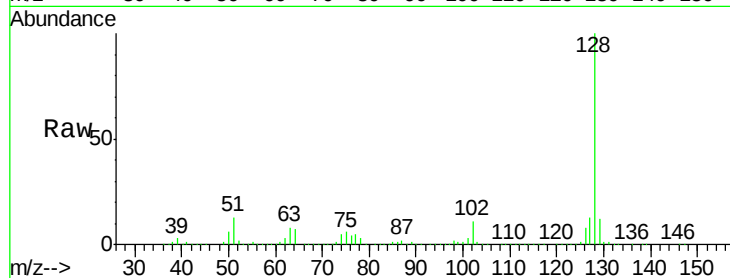
Tot Ion:128 Resp: 579759

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

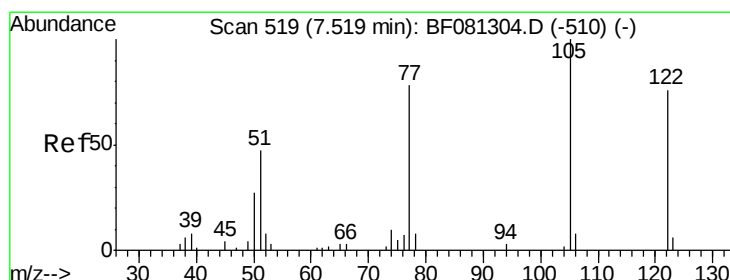
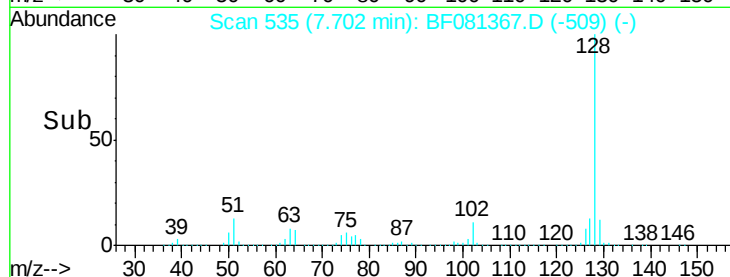
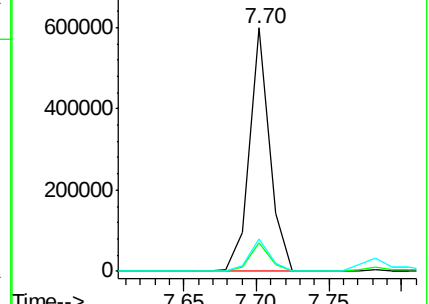
127 13.5 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.02 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

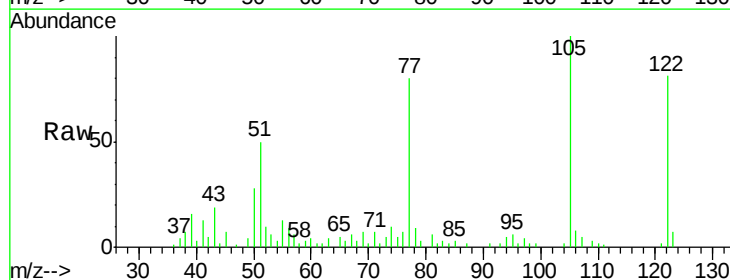
Tgt Ion:122 Resp: 42210

Ion Ratio Lower Upper

122 100

105 123.1 76.1 116.1#

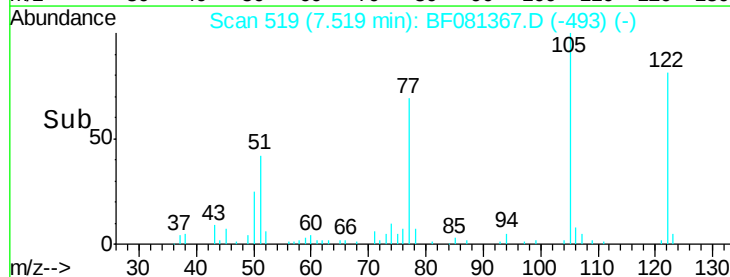
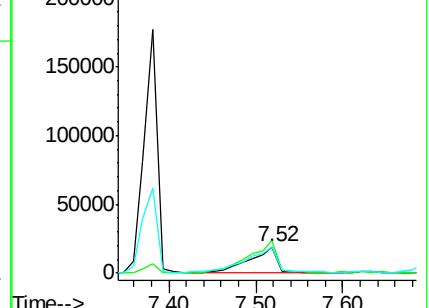
77 98.2 40.5 80.5#

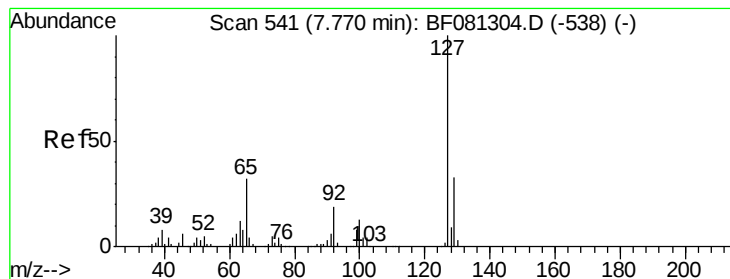


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.82 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tot Ion:127 Resp: 51217

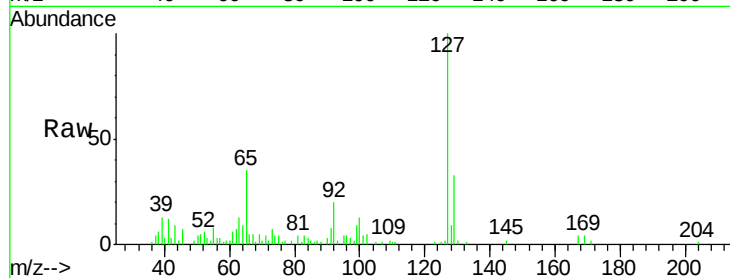
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.6

65 34.6 17.9 26.9#

92 19.9 10.5 15.7#

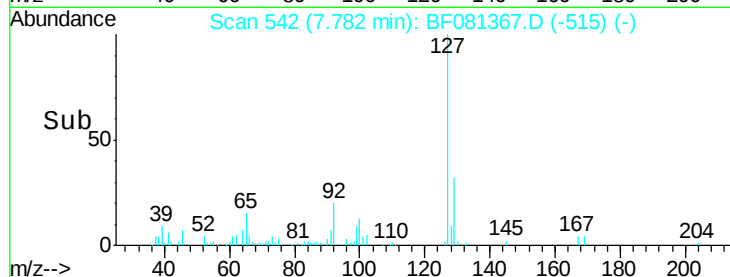


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

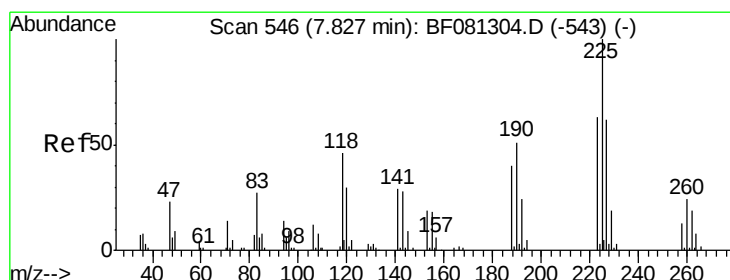
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->

7.70 7.75 7.80 7.85 7.90



#34

Hexachlorobutadiene

Concen: 40.58 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

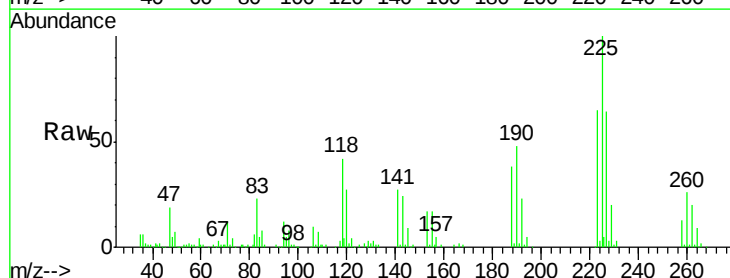
Tgt Ion:225 Resp: 113503

Ion Ratio Lower Upper

225 100

223 64.6 50.2 75.2

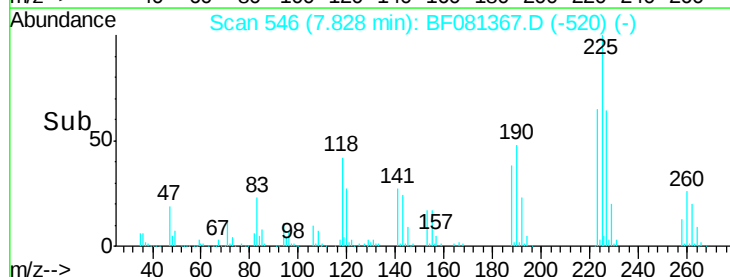
227 63.8 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

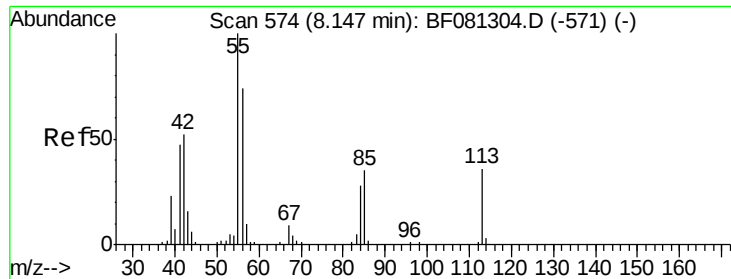
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

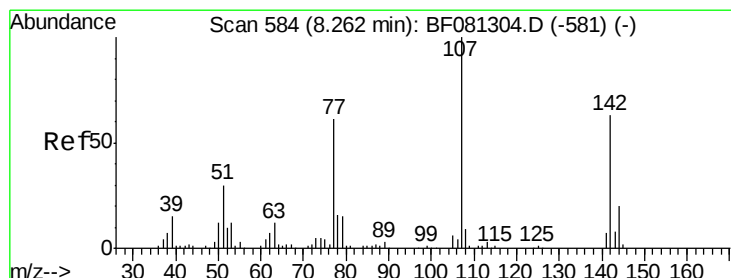
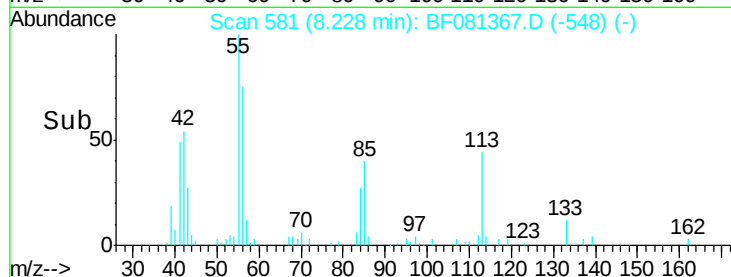
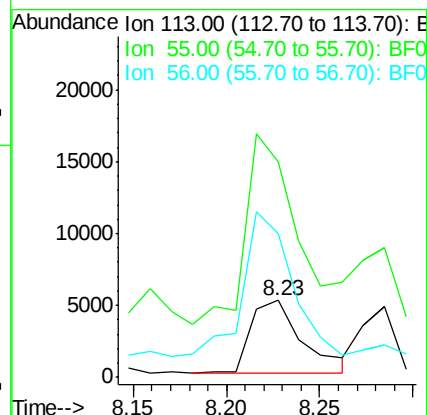
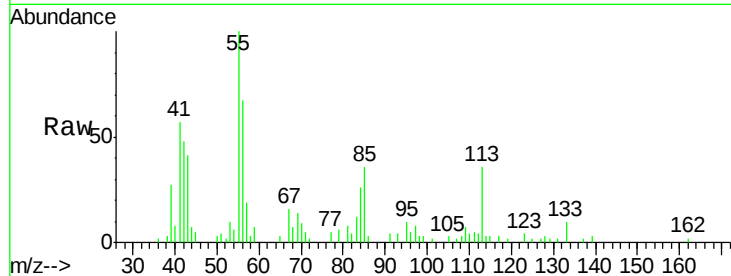
7.80 7.85



#35
Caprolactam
Concen: 7.43 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.08 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

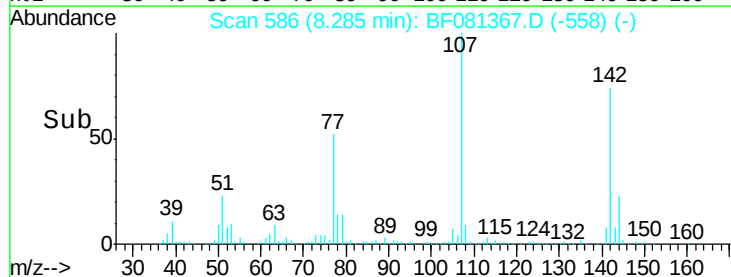
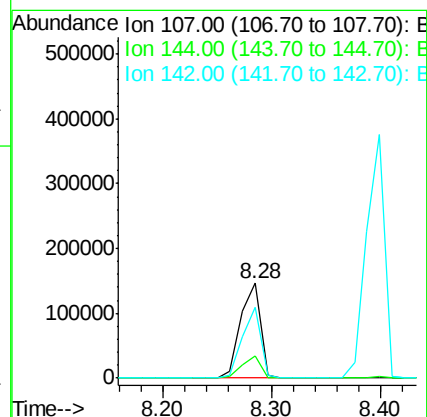
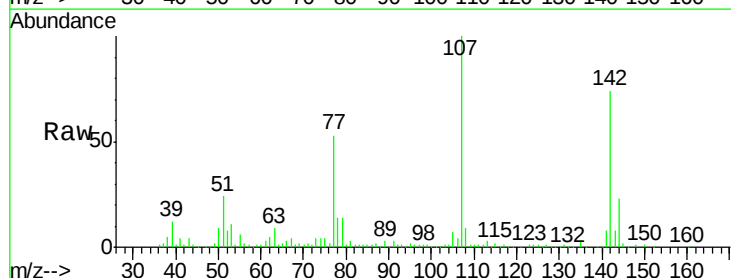
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

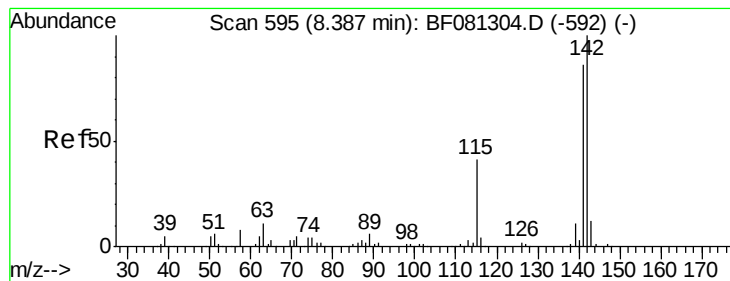
Tot Ion:113 Resp: 9640
Ion Ratio Lower Upper
113 100
55 280.9 152.4 192.4#
56 187.3 104.6 144.6#



#36
4-Chloro-3-methylphenol
Concen: 38.61 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:107 Resp: 182859
Ion Ratio Lower Upper
107 100
144 23.2 25.4 38.0#
142 74.2 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 41.38 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampled :

MW-04MSD

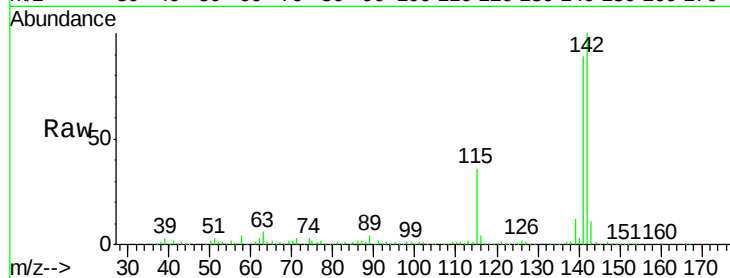
Tot Ion:142 Resp: 432389

Ion Ratio Lower Upper

142 100

141 88.6 67.5 101.3

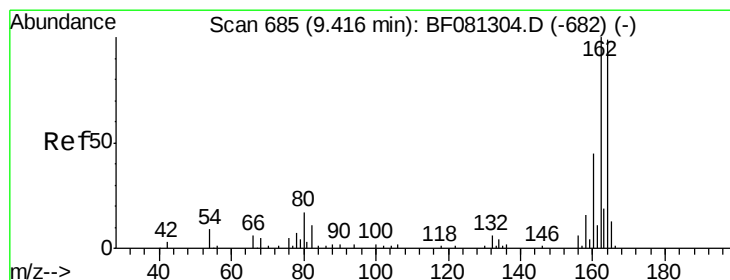
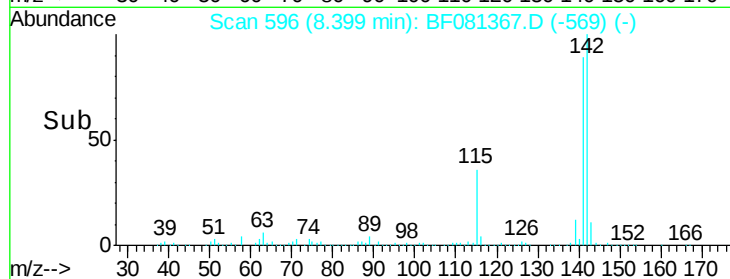
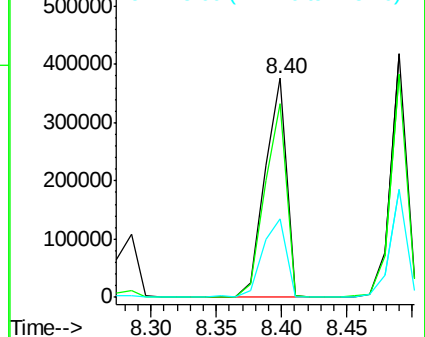
115 36.1 18.2 27.2#



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: 9.43 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

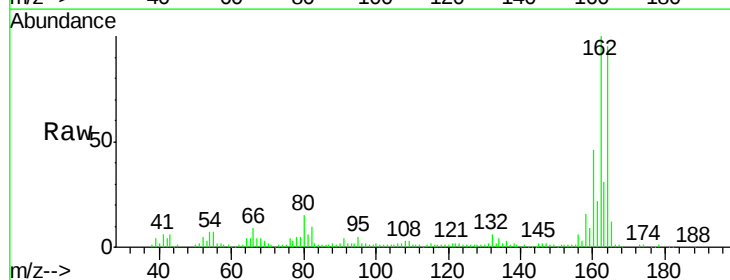
Tgt Ion:164 Resp: 142001

Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

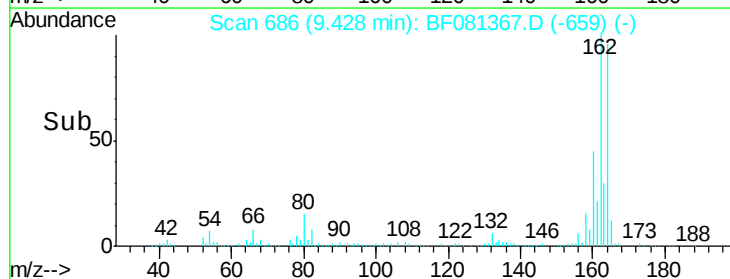
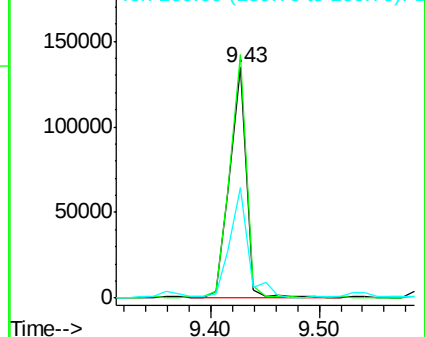
160 48.1 31.5 47.3#

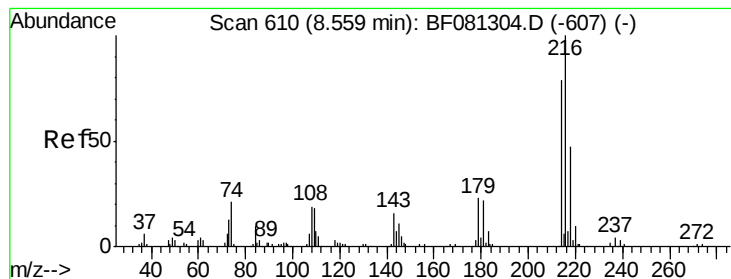


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.50 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tot Ion:216 Resp: 168398

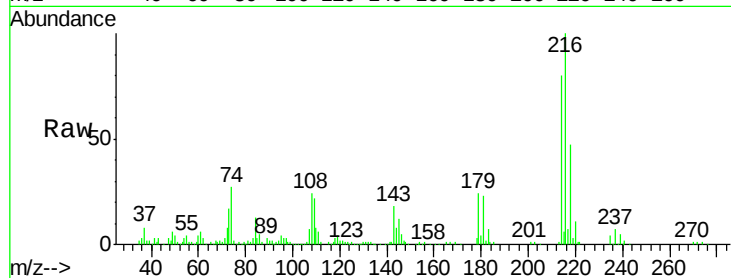
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 23.3 16.6 24.8

108 25.0 16.3 24.5#

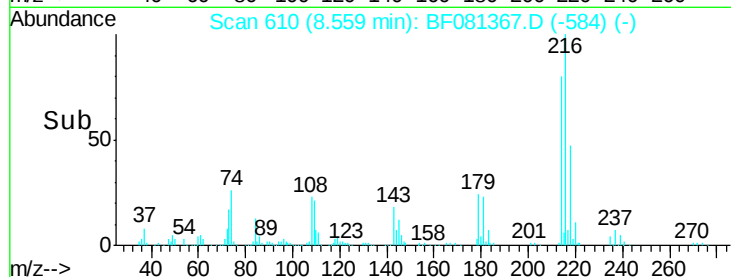


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

8.56

250000

200000

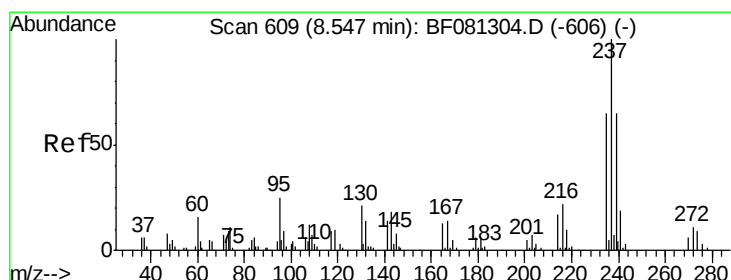
150000

100000

50000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.27 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

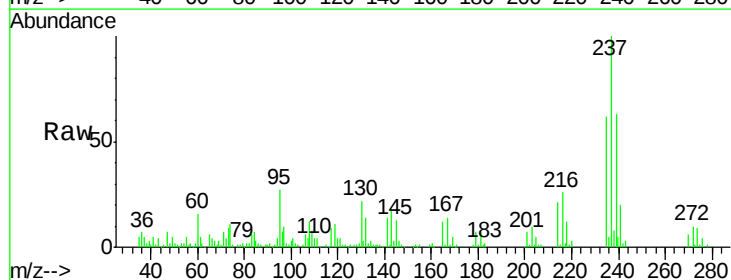
Tgt Ion:237 Resp: 88751

Ion Ratio Lower Upper

237 100

235 62.0 42.0 82.0

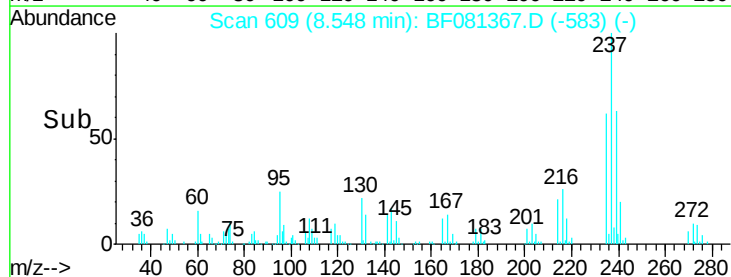
272 10.3 0.0 36.1



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



Abundance

8.55

120000

100000

80000

60000

40000

20000

0

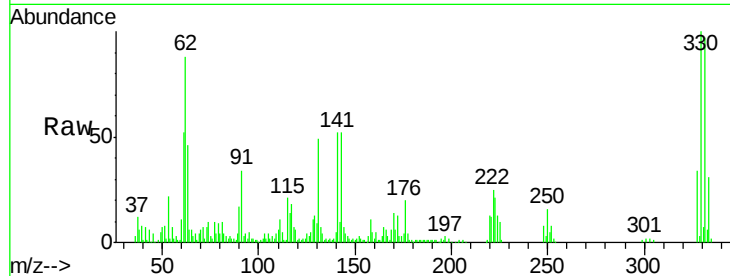
Time-->



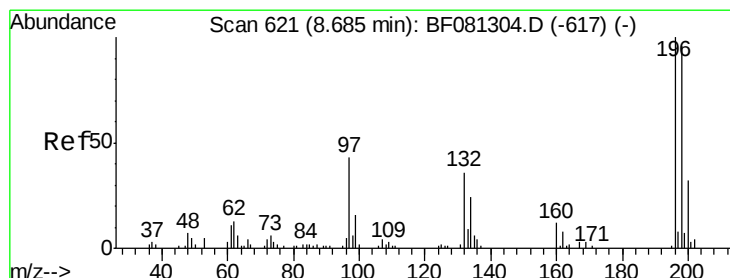
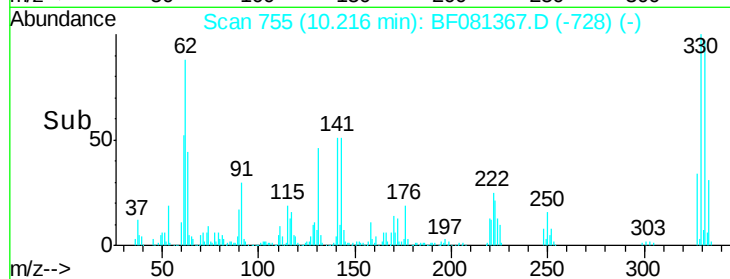
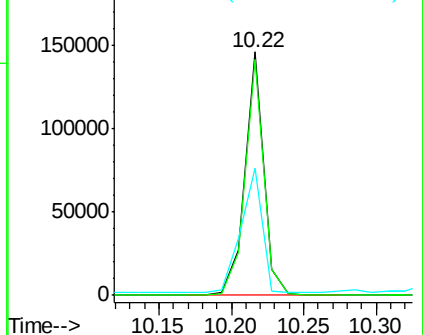
#41
 2,4,6-Tribromophenol
 Concen: 103.89 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion:330 Resp: 131355
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 58.6 29.7 44.5#

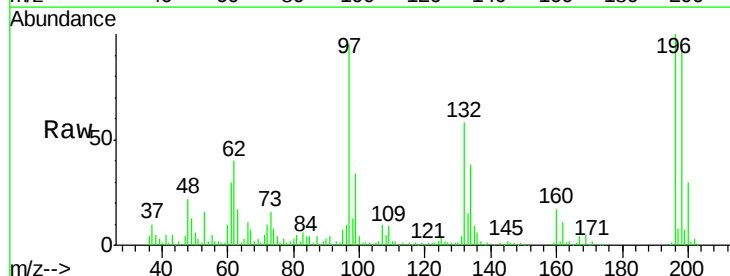


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

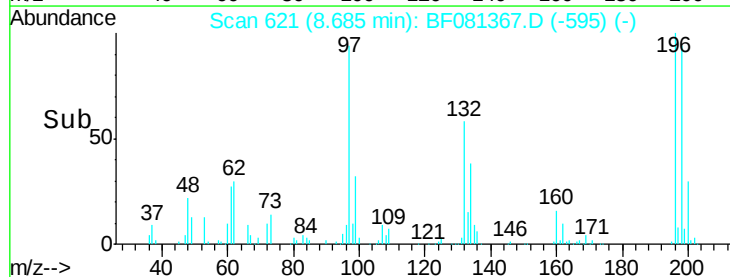
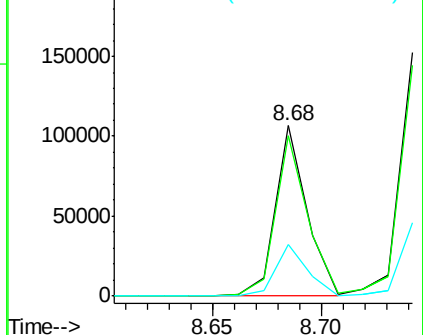


#42
 2,4,6-Trichlorophenol
 Concen: 34.99 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion:196 Resp: 108450
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.0 23.9 35.9



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

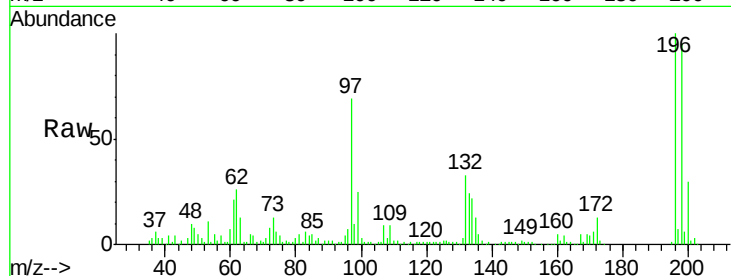




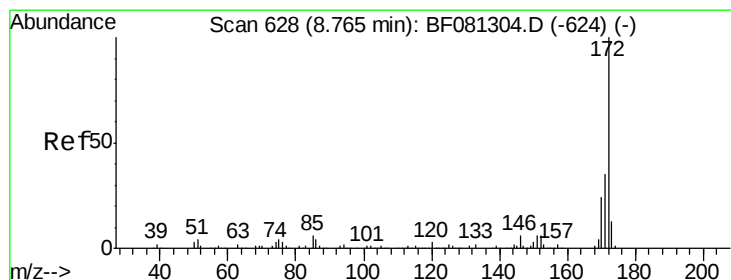
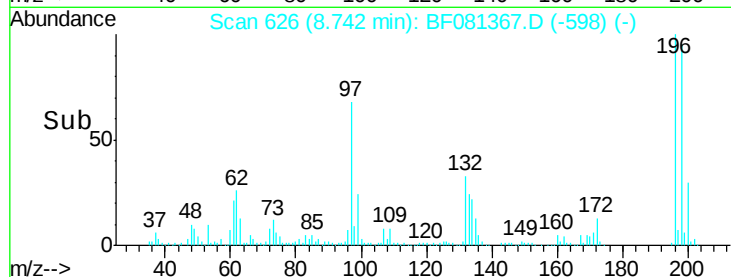
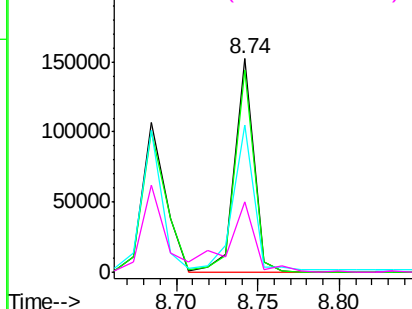
#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.02 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.4	113.0
97	69.0	33.3	49.9
132	33.0	24.6	37.0

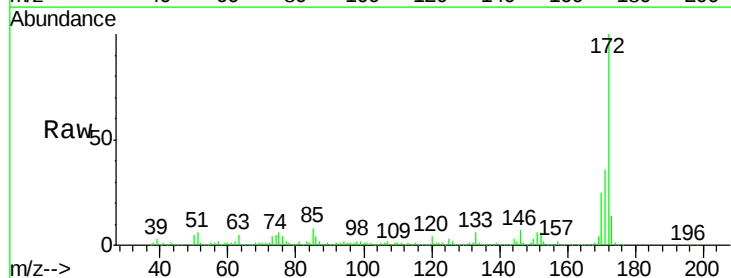


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

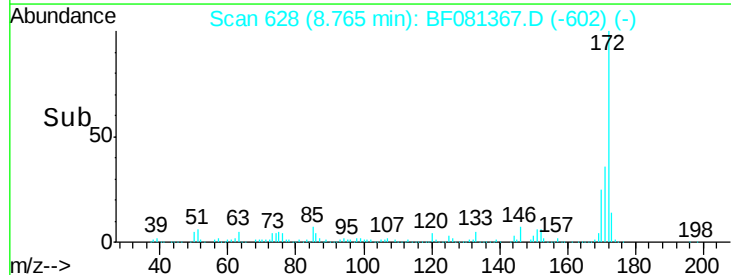
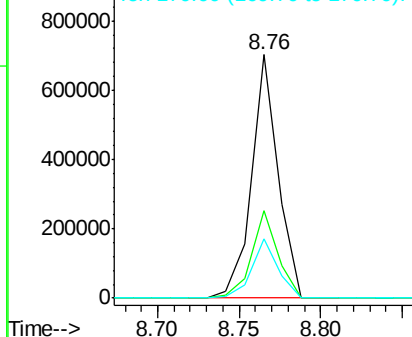


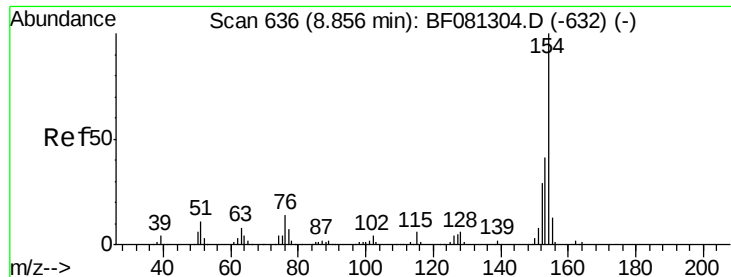
#44
 2-Fluorobiphenyl
 Concen: 71.40 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.6	17.4	26.2



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: 39.12 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

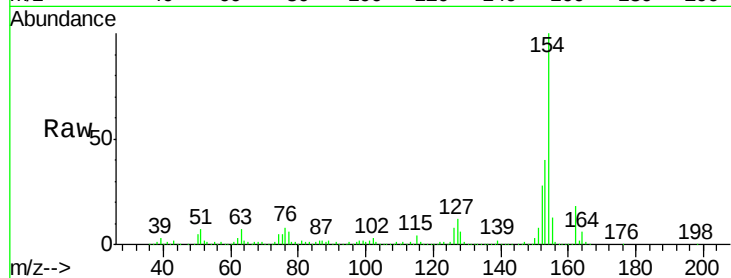
Tot Ion:154 Resp: 511024

Ion Ratio Lower Upper

154 100

153 39.9 17.1 57.1

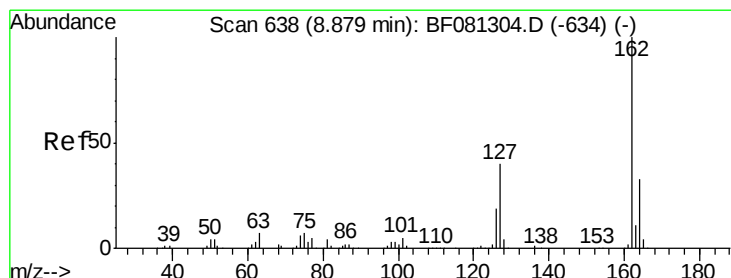
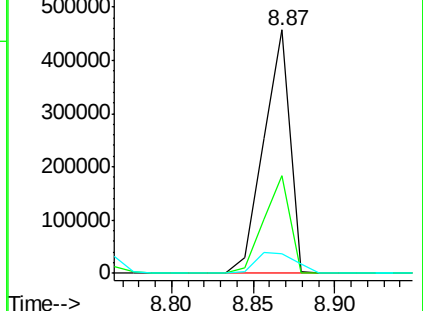
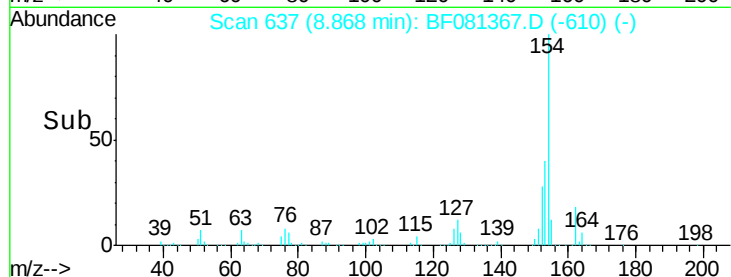
76 8.3 0.0 31.6



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: 37.60 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

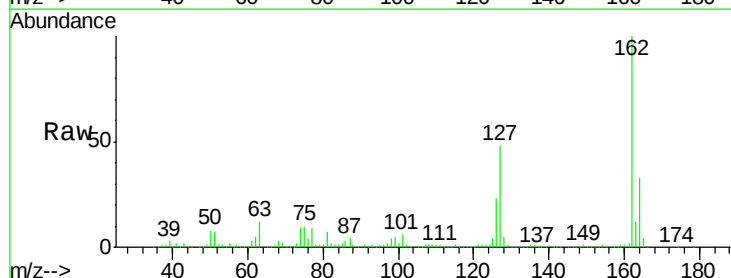
Tgt Ion:162 Resp: 354702

Ion Ratio Lower Upper

162 100

127 47.7 27.6 41.4#

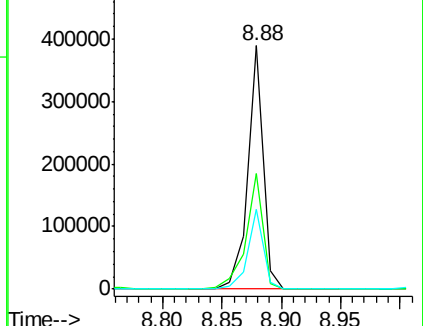
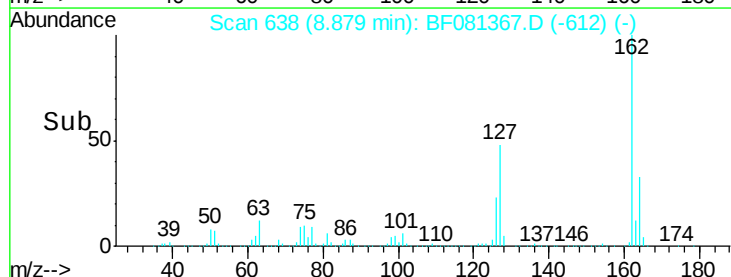
164 32.9 25.4 38.2

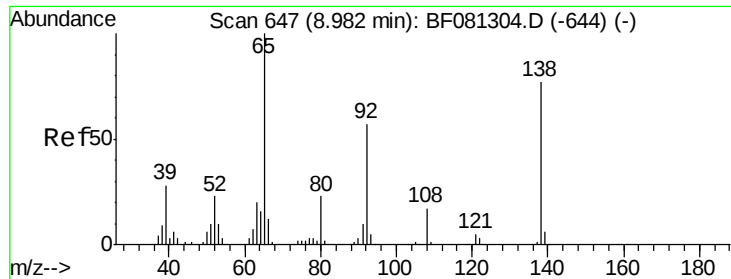


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

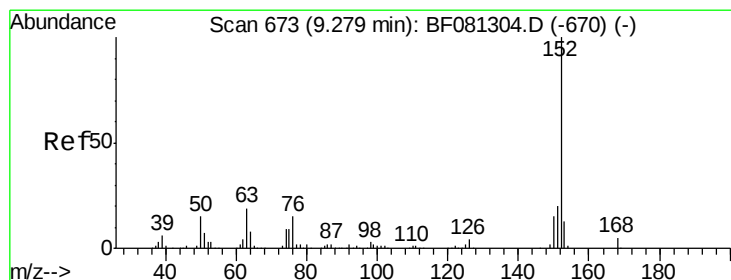
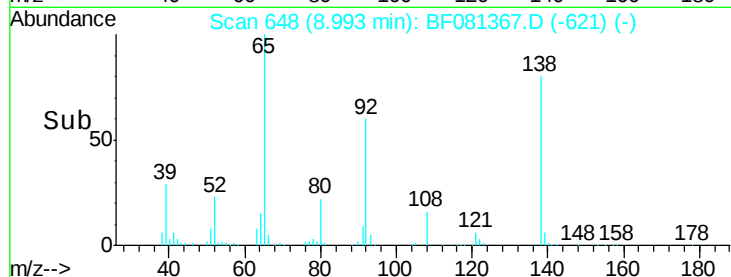
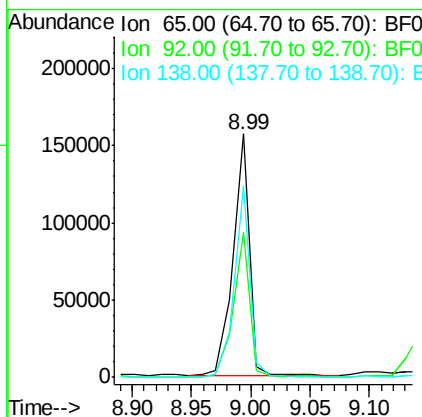
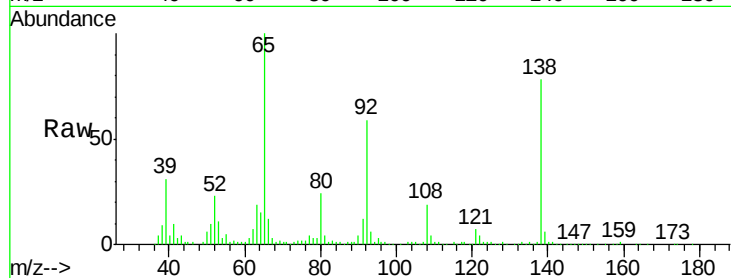




#47
2-Nitroaniline
Concen: 38.71 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

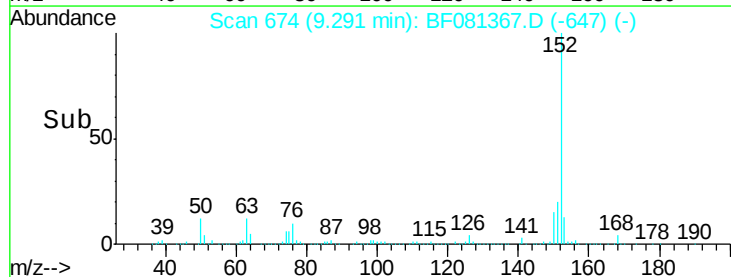
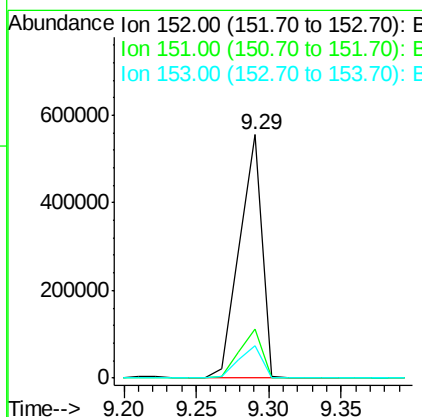
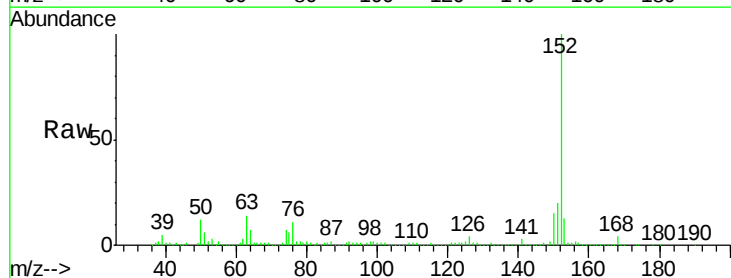
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

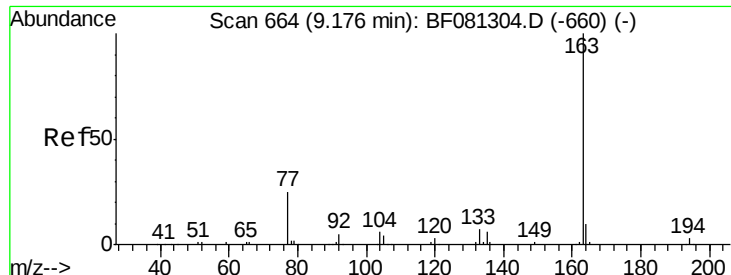
Tot Ion: 65 Resp: 148853
Ion Ratio Lower Upper
65 100
92 59.4 55.4 83.0
138 78.4 115.5 173.3#



#48
Acenaphthylene
Concen: 35.81 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion: 152 Resp: 599400
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.4 10.3 15.5

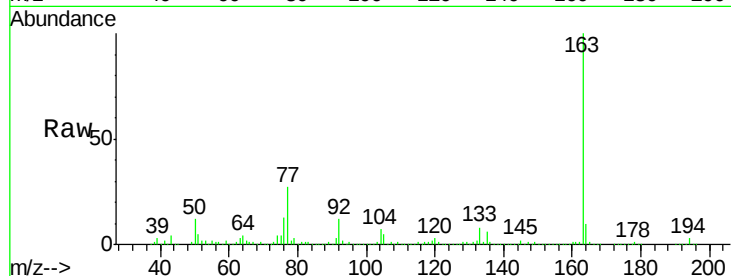




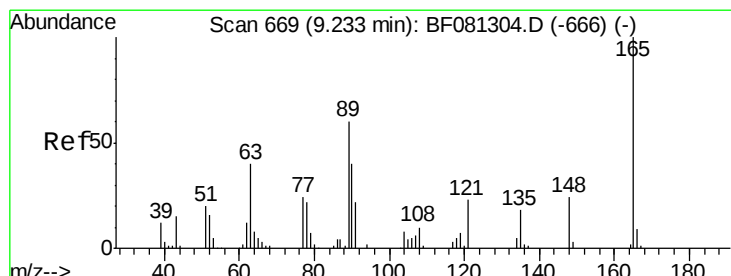
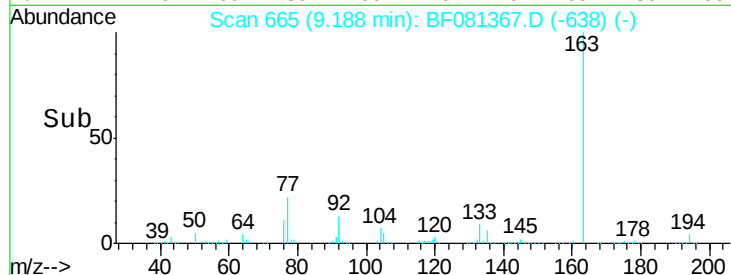
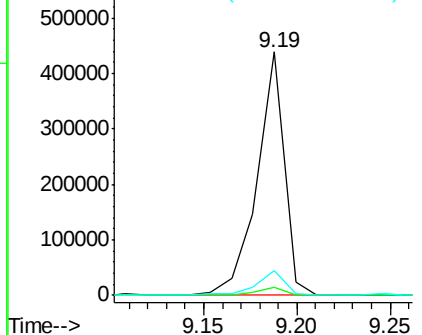
#49
Dimethylphthalate
Concen: 40.08 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion:163 Resp: 442248
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.3 8.3 12.5

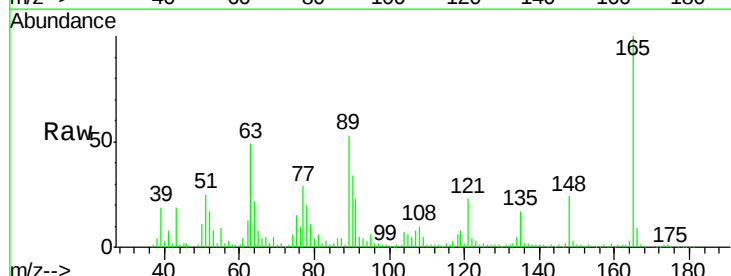


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

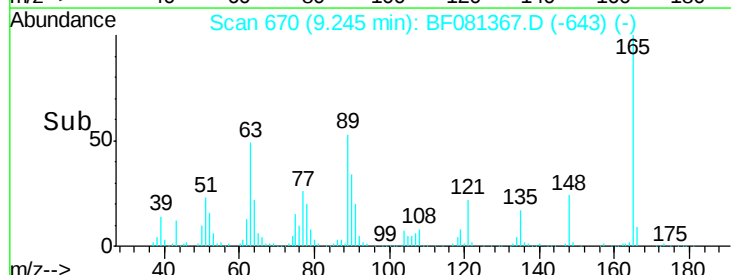
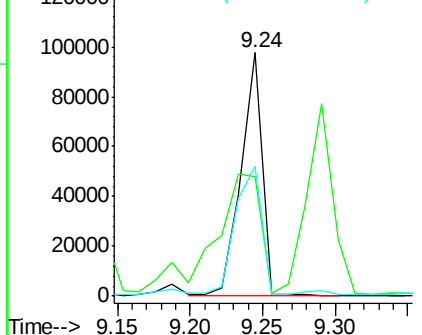


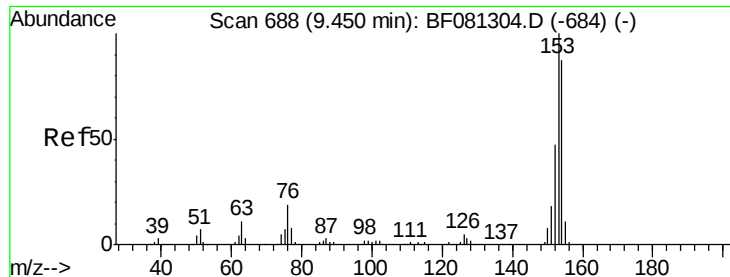
#50
2,6-Dinitrotoluene
Concen: 39.62 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:165 Resp: 99217
Ion Ratio Lower Upper
165 100
63 49.3 32.3 48.5#
89 53.3 28.6 43.0#



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: 40.88 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

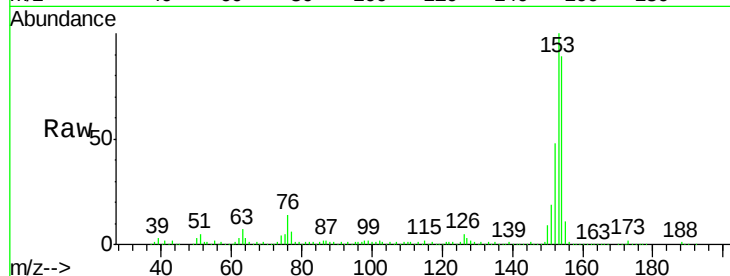
Tot Ion:154 Resp: 389262

Ion Ratio Lower Upper

154 100

153 112.9 82.1 123.1

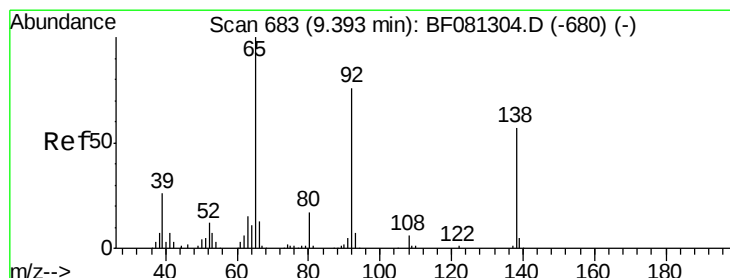
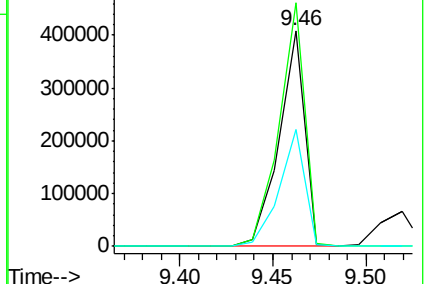
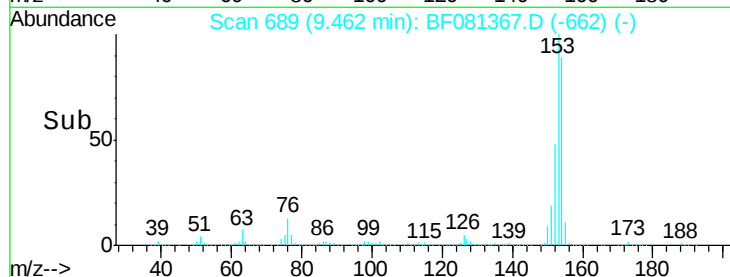
152 54.2 37.9 56.9



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: 15.98 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

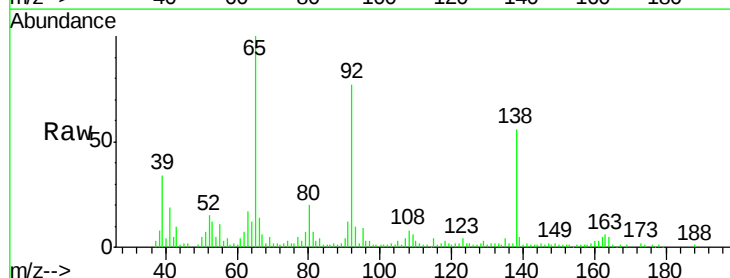
Tgt Ion:138 Resp: 45541

Ion Ratio Lower Upper

138 100

108 14.7 5.7 8.5#

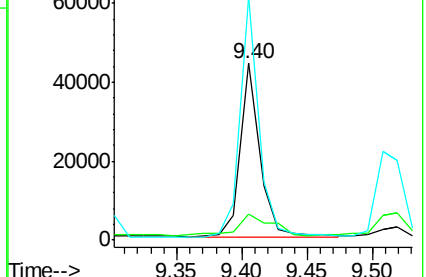
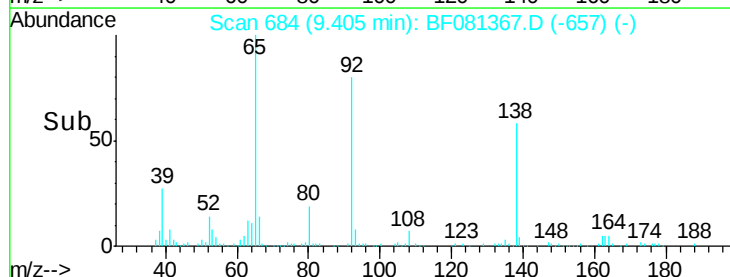
92 137.7 67.7 101.5#

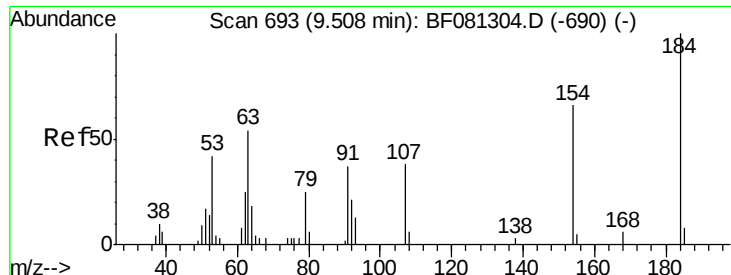


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

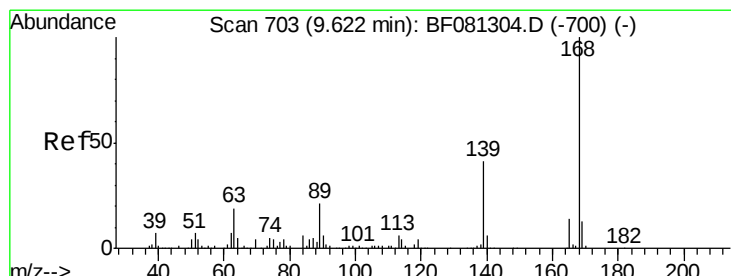
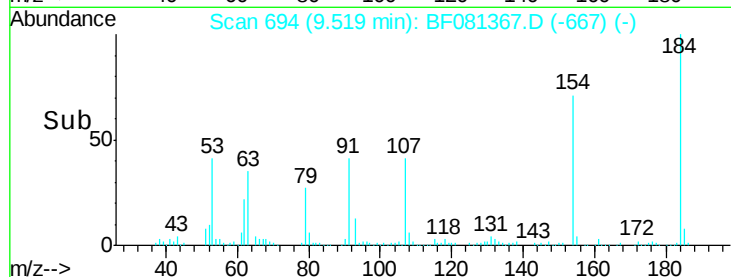
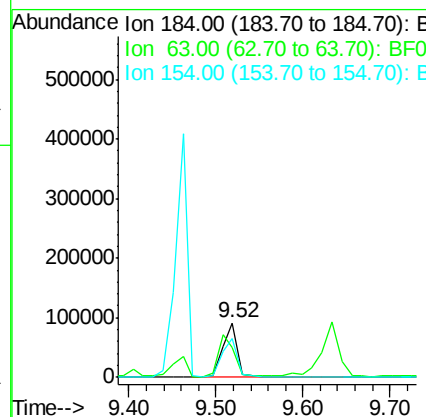
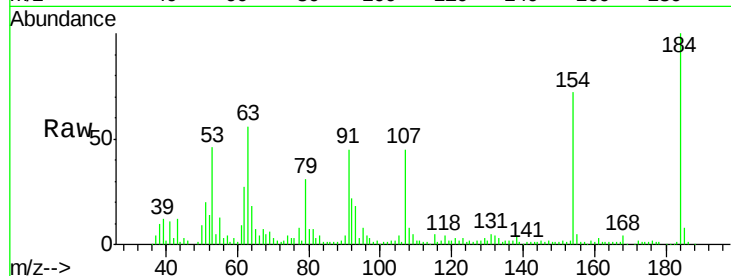




#53
 2,4-Dinitrophenol
 Concen: 103.34 ng
 RT: 9.52 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

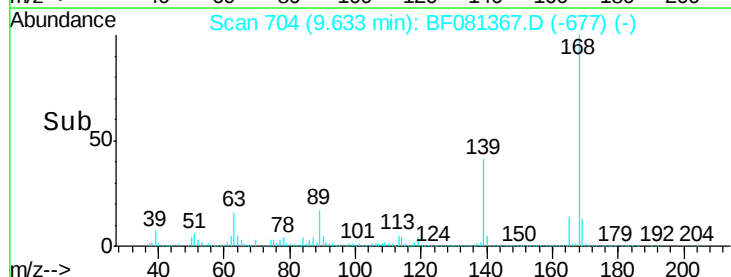
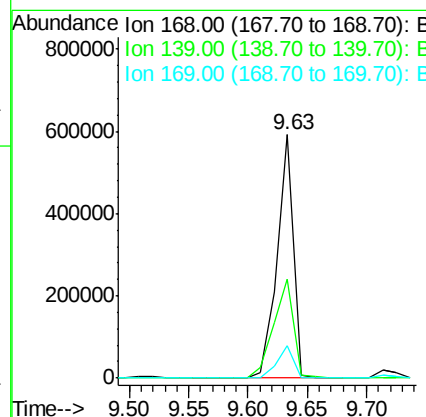
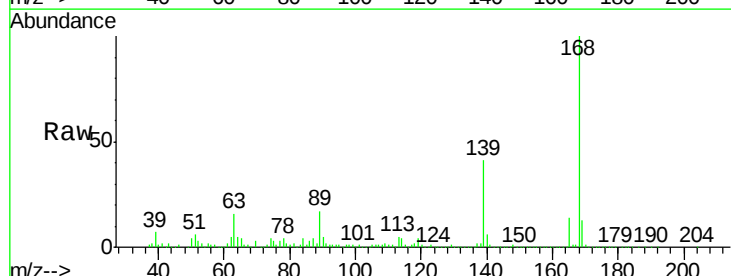
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

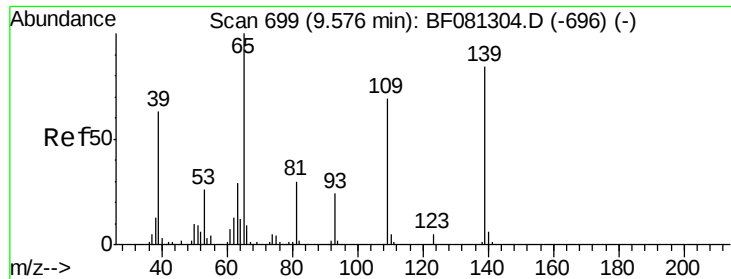
Tot Ion:184 Resp: 108994
 Ion Ratio Lower Upper
 184 100
 63 56.1 35.4 53.2#
 154 71.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 40.68 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion:168 Resp: 565632
 Ion Ratio Lower Upper
 168 100
 139 40.7 24.2 36.2#
 169 13.4 10.6 15.8

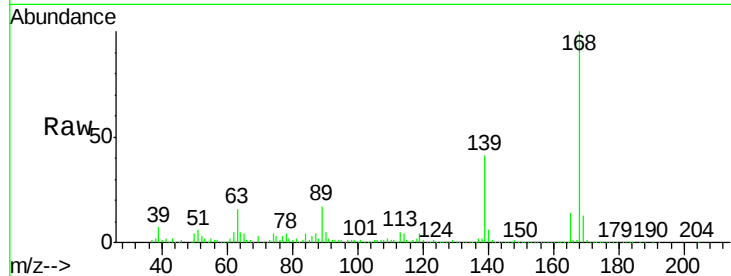




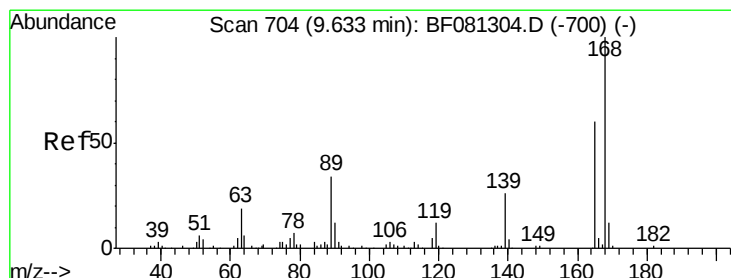
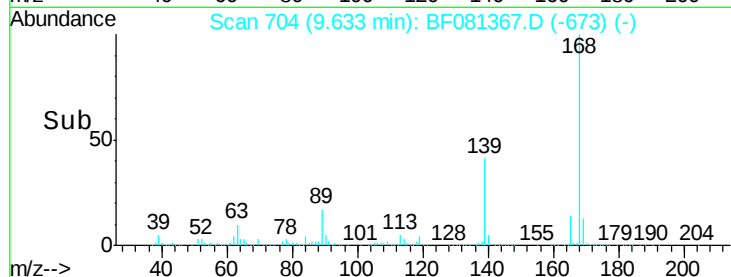
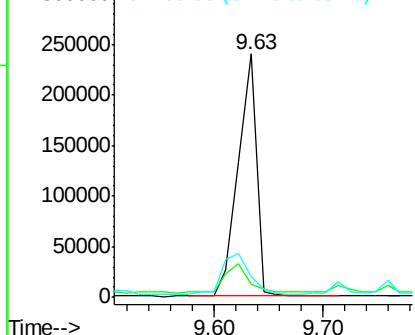
#55
4-Nitrophenol
Concen: 156.18 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.06 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion:139 Resp: 279702
Ion Ratio Lower Upper
139 100
109 5.7 12.7 52.7#
65 8.7 45.9 85.9#

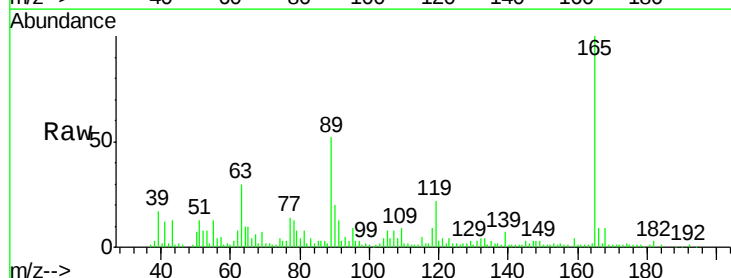


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

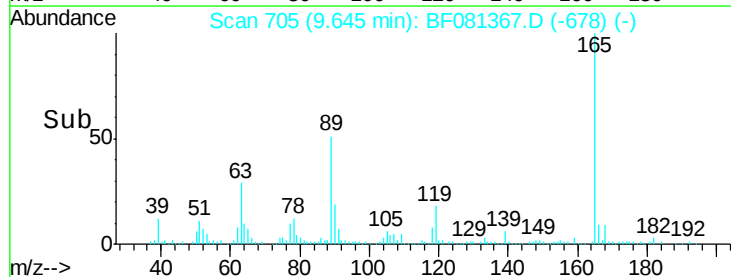
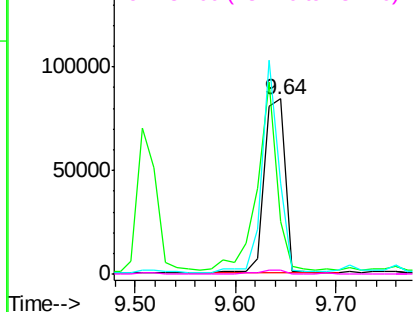


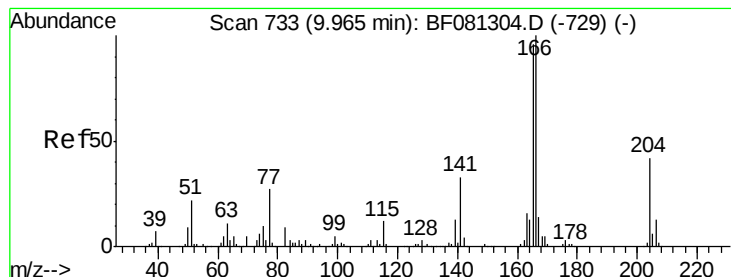
#56
2,4-Dinitrotoluene
Concen: 37.73 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:165 Resp: 120302
Ion Ratio Lower Upper
165 100
63 30.4 29.8 44.6
89 52.2 44.5 66.7
182 2.5 3.0 4.4#



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





#57

Fluorene

Concen: 36.63 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

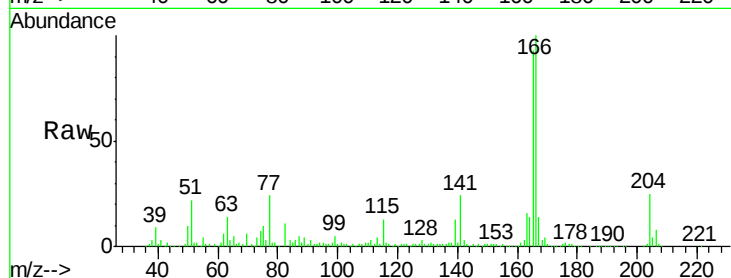
Tot Ion:166 Resp: 386467

Ion Ratio Lower Upper

166 100

165 93.4 72.6 109.0

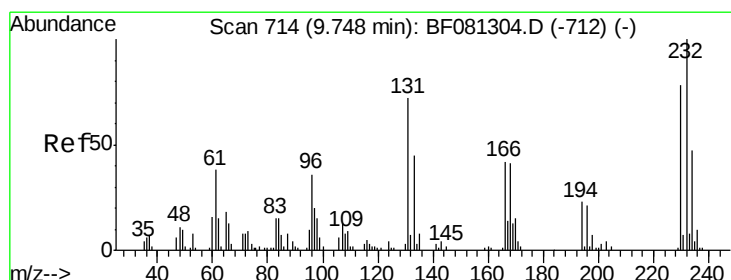
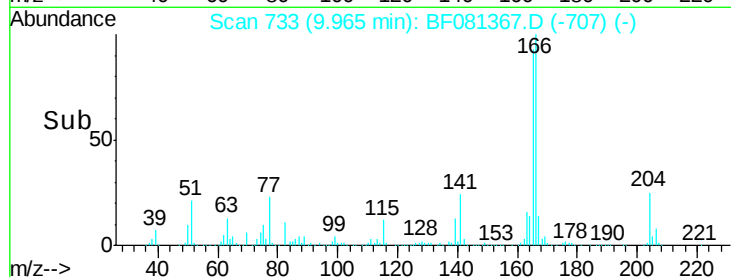
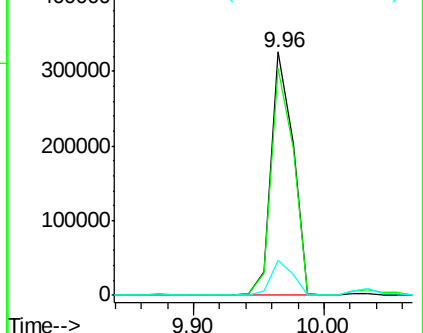
167 14.4 10.6 16.0



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: 36.79 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Tgt Ion:232 Resp: 88817

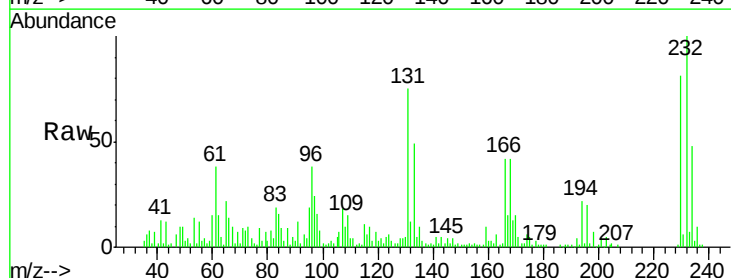
Ion Ratio Lower Upper

232 100

131 57.7 38.5 57.7

130 8.4 1.8 2.6#

166 33.4 25.0 37.6

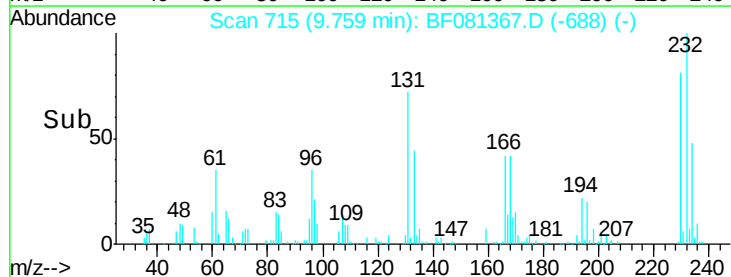
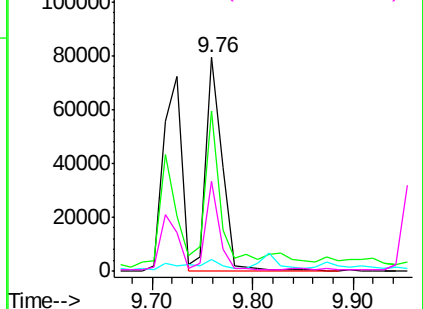


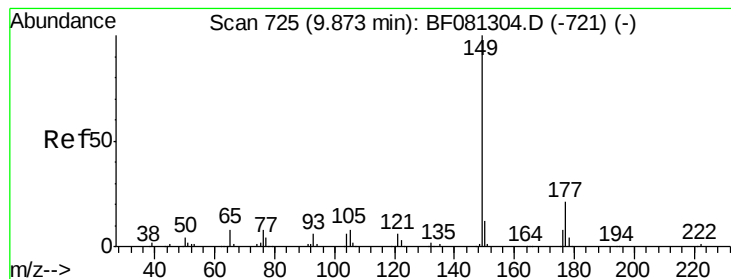
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.48 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

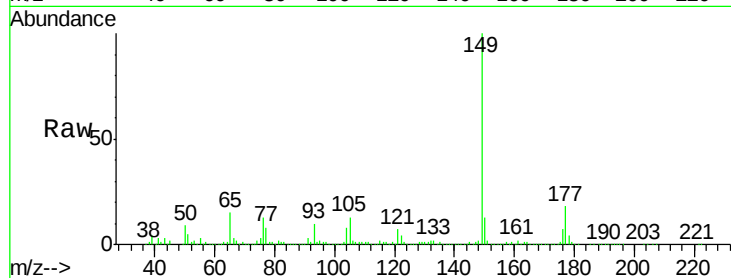
Tot Ion:149 Resp: 400116

Ion Ratio Lower Upper

149 100

177 18.1 17.5 26.3

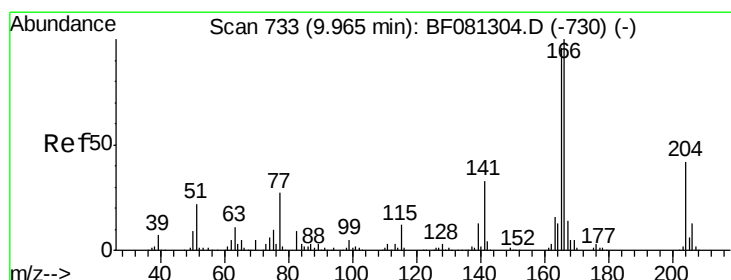
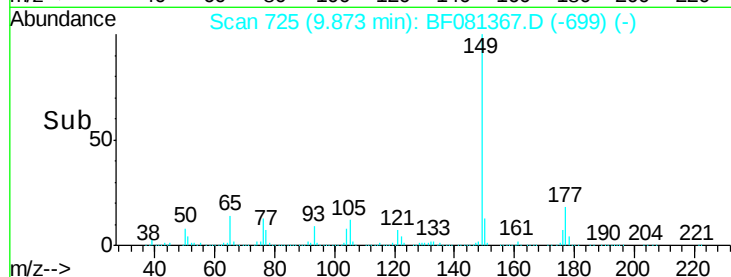
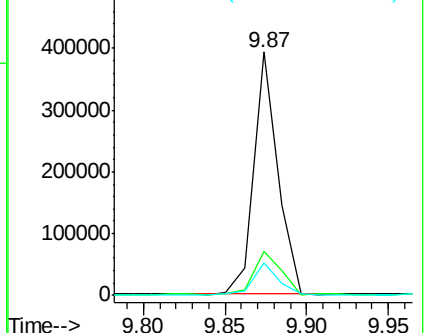
150 13.1 9.4 14.2



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: 42.13 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

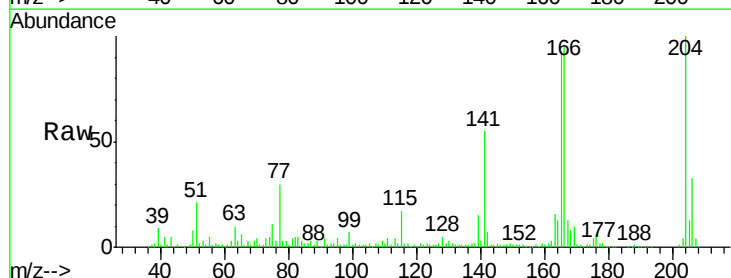
Tgt Ion:204 Resp: 207197

Ion Ratio Lower Upper

204 100

206 32.9 24.8 37.2

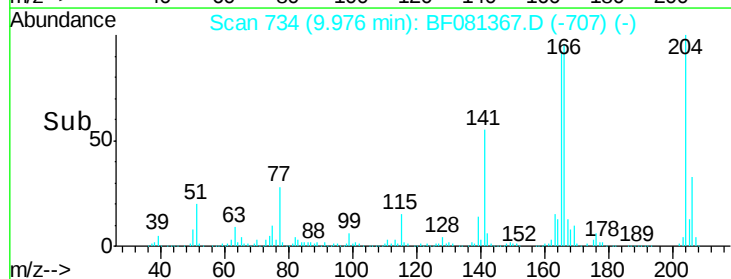
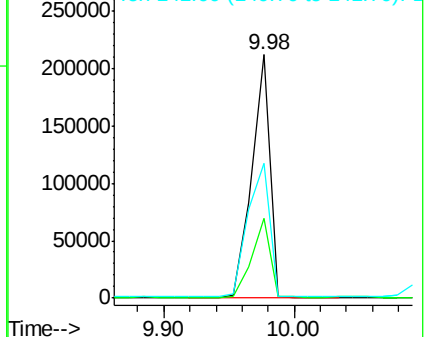
141 55.2 42.2 63.4

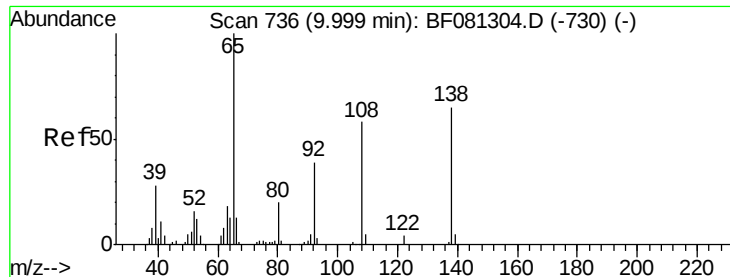


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

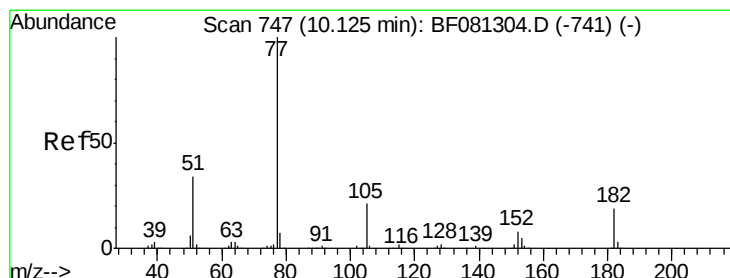
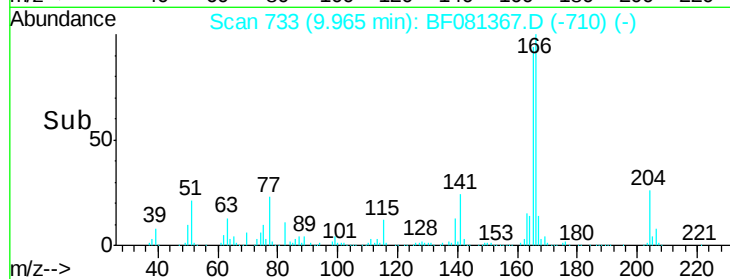
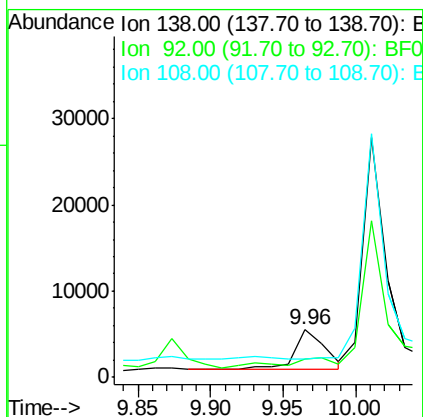
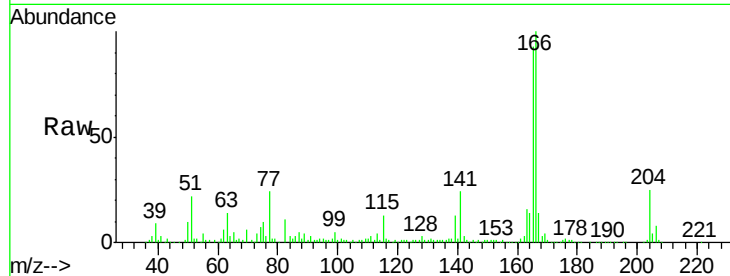




#61
4-Nitroaniline
Concen: 2.45 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

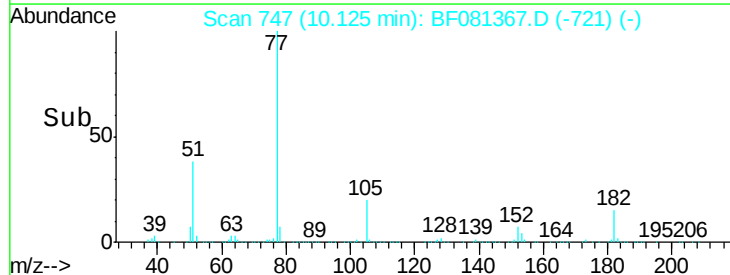
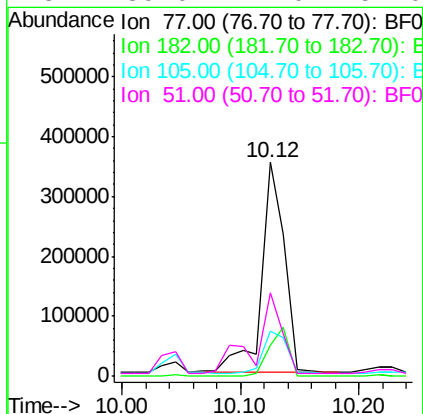
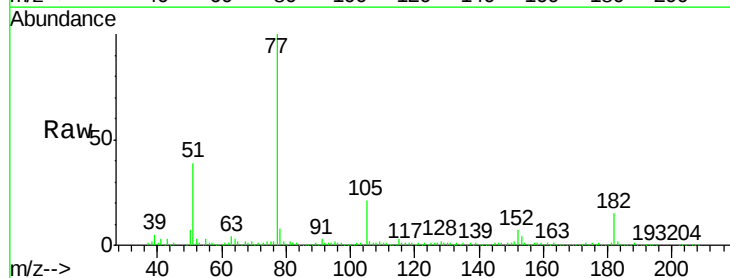
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

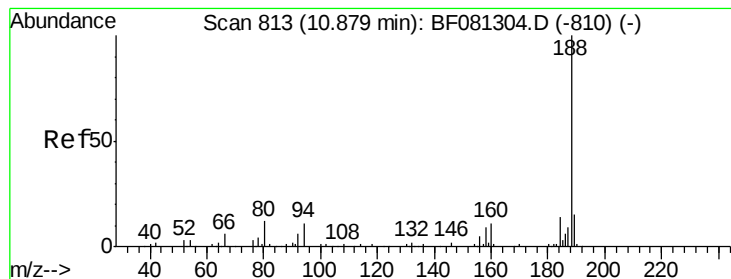
Tot Ion:138 Resp: 7068
Ion Ratio Lower Upper
138 100
92 37.8 12.6 52.6
108 37.8 12.4 52.4



#62
Azobenzene
Concen: 36.98 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion: 77 Resp: 477137
Ion Ratio Lower Upper
77 100
182 14.7 15.1 55.1#
105 20.9 3.4 43.4
51 39.0 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

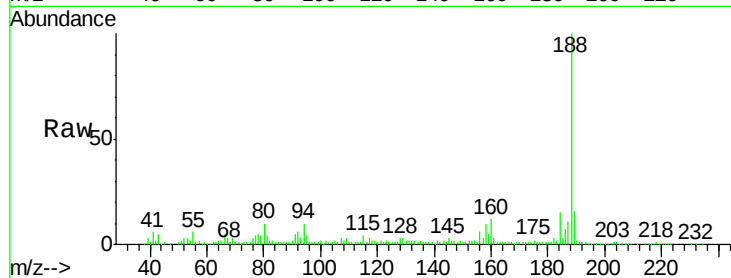
Tot Ion:188 Resp: 237712

Ion Ratio Lower Upper

188 100

94 9.7 11.1 16.7#

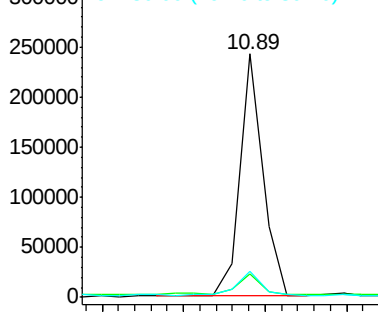
80 10.5 11.0 16.4#



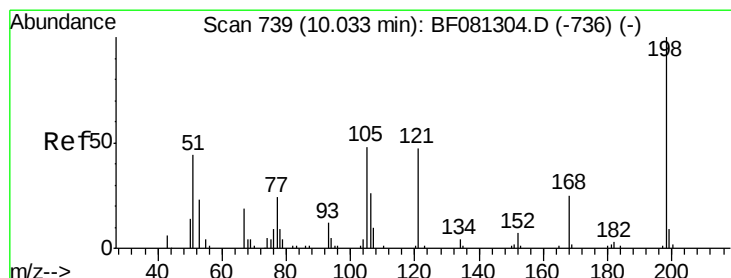
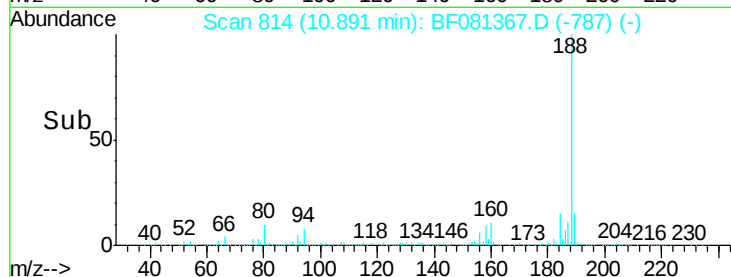
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 50.66 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

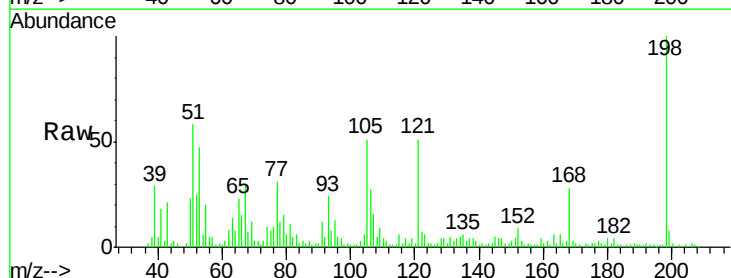
Tgt Ion:198 Resp: 67362

Ion Ratio Lower Upper

198 100

51 57.6 39.6 79.6

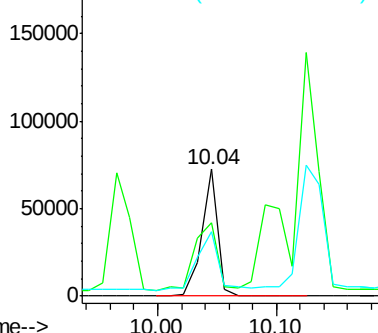
105 51.0 28.5 68.5



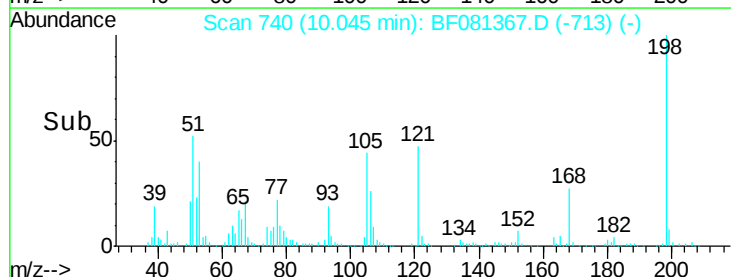
Abundance Ion 198.00 (197.70 to 198.70): E

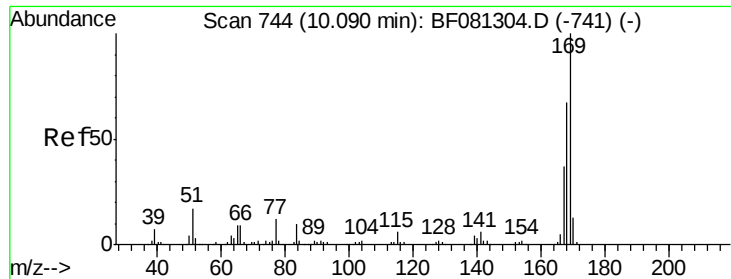
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 42.07 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

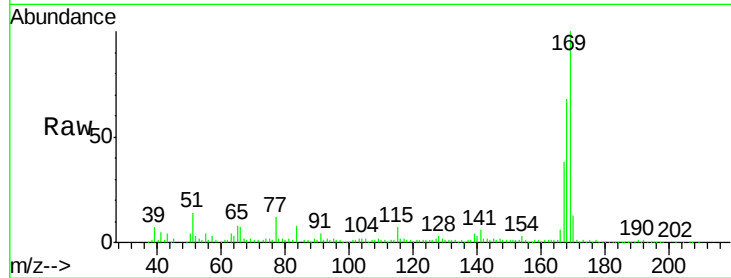
Tot Ion:169 Resp: 363887

Ion Ratio Lower Upper

169 100

168 68.2 48.9 73.3

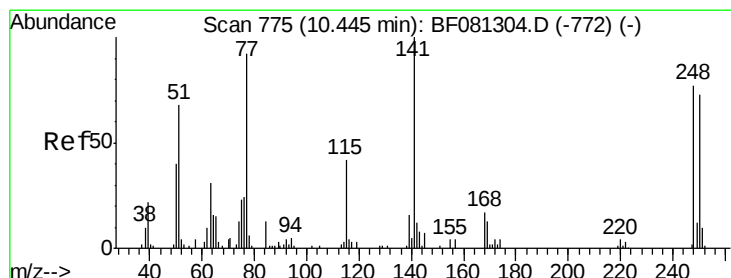
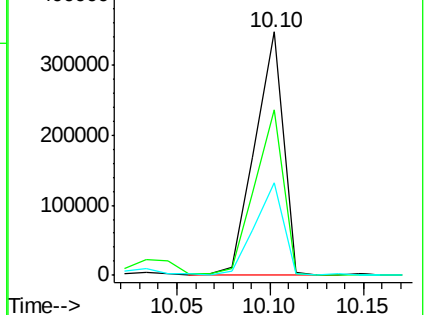
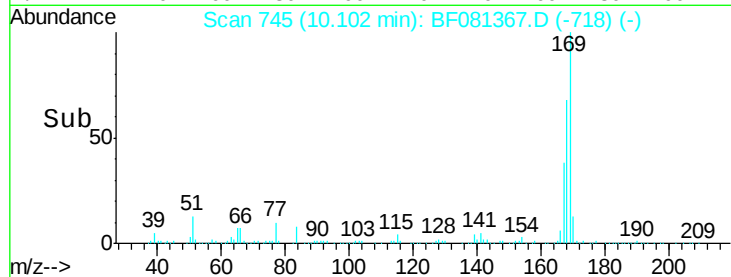
167 37.8 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.95 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

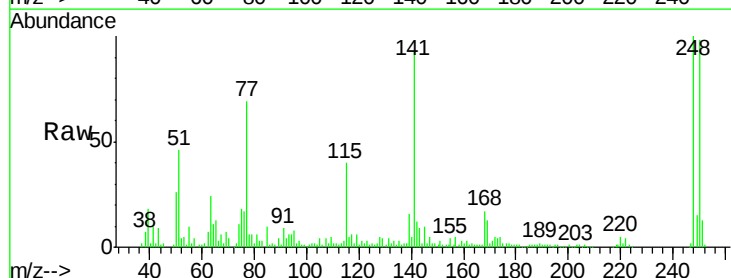
Tgt Ion:248 Resp: 108049

Ion Ratio Lower Upper

248 100

250 97.5 78.5 117.7

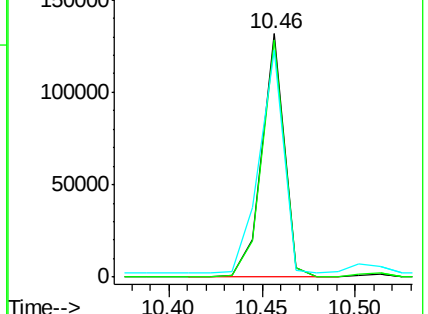
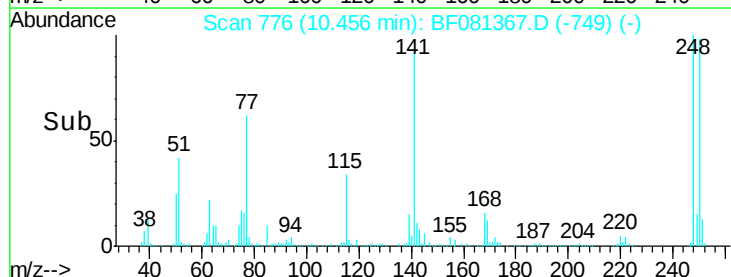
141 93.0 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

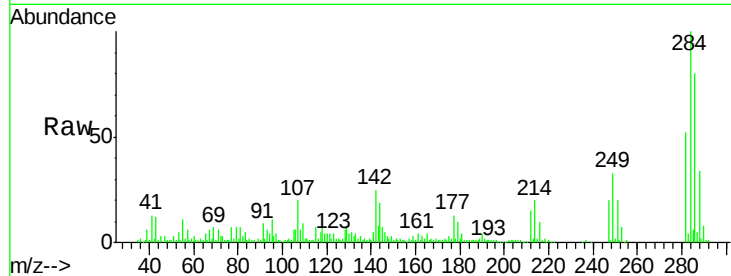




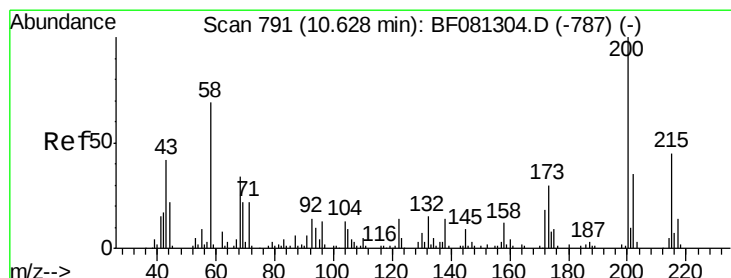
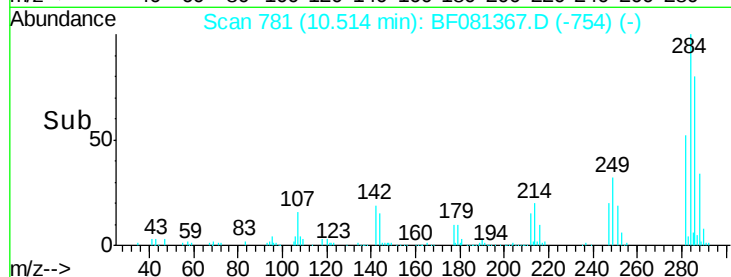
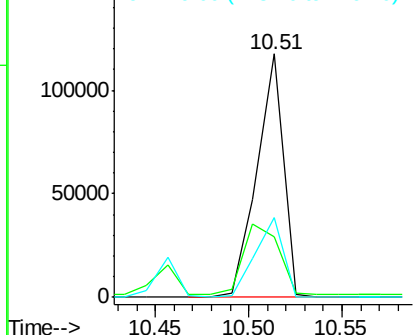
#67
Hexachlorobenzene
Concen: 45.90 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion:284 Resp: 115347
Ion Ratio Lower Upper
284 100
142 24.9 29.5 44.3#
249 32.8 19.5 29.3#

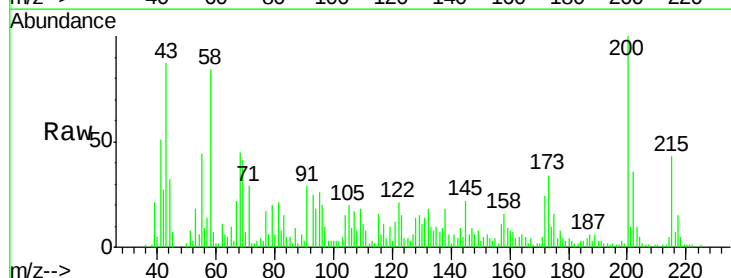


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

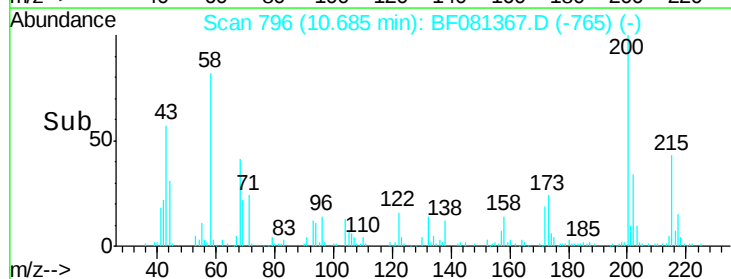
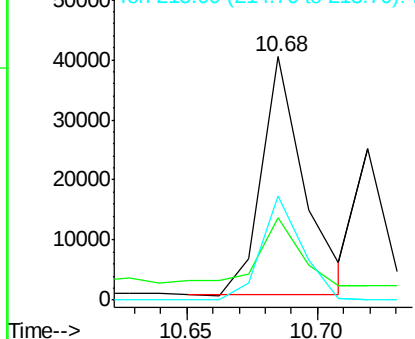


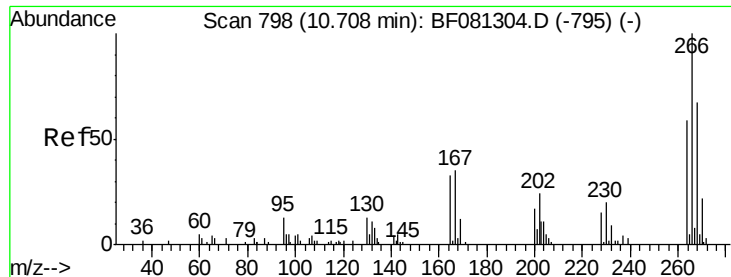
#68
Atrazine
Concen: 17.74 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.06 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:200 Resp: 44415
Ion Ratio Lower Upper
200 100
173 33.8 13.2 53.2
215 42.9 41.8 81.8



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

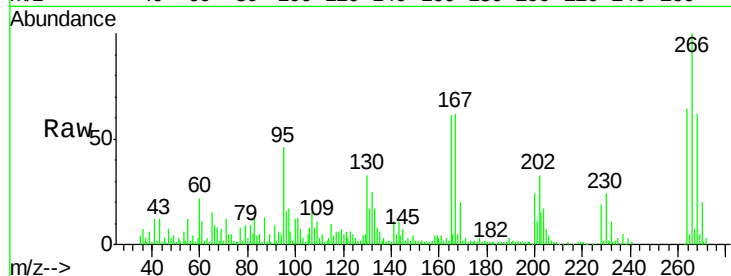




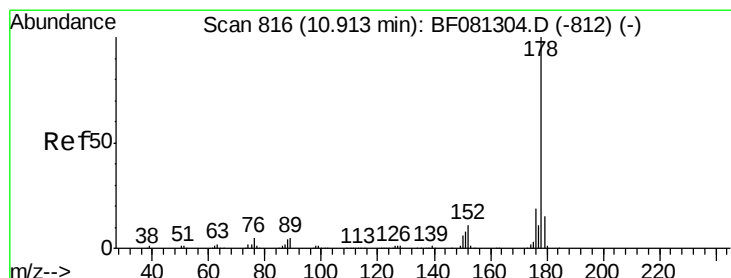
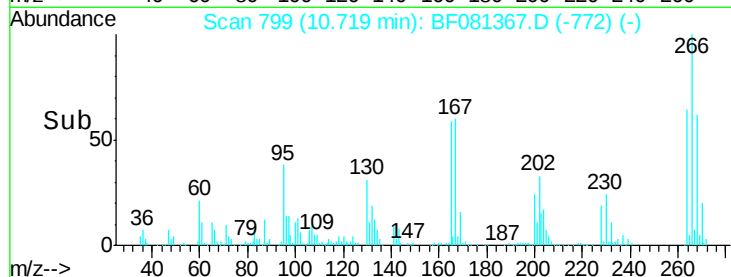
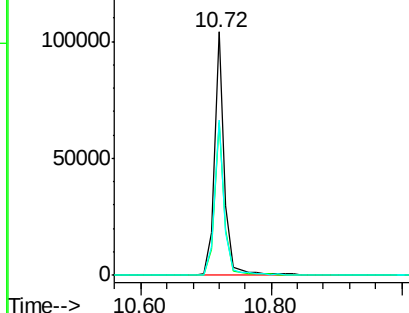
#69
 Pentachlorophenol
 Concen: 91.59 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion:266 Resp: 113797
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.8 74.6
 264 63.6 50.2 75.2

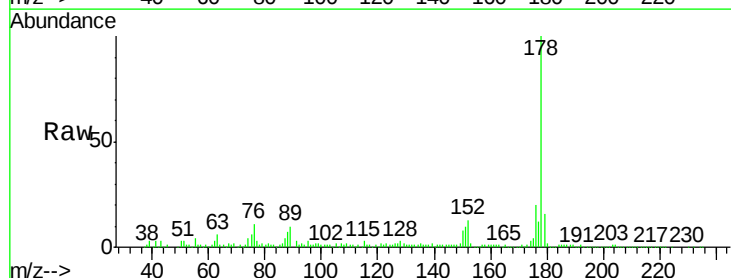


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

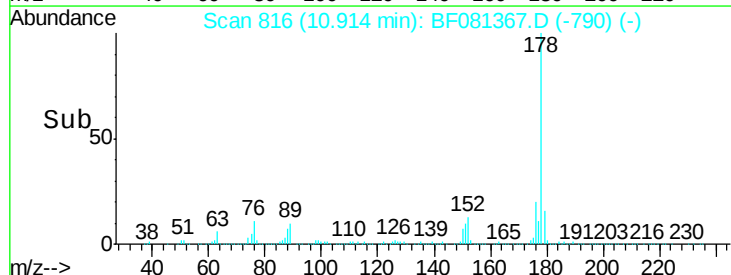
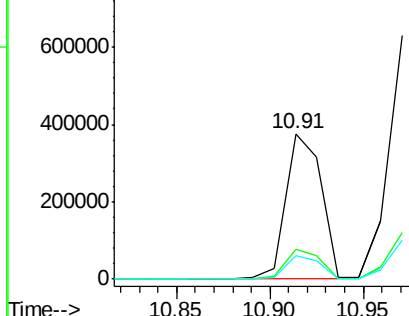


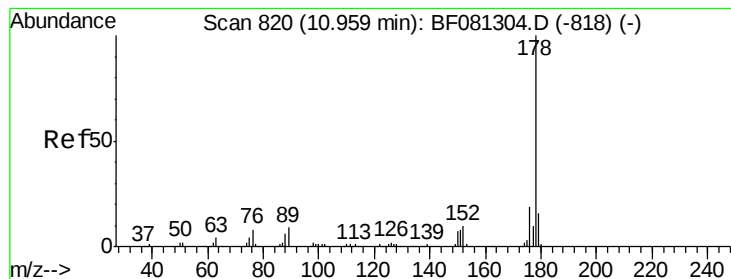
#70
 Phenanthrene
 Concen: 37.35 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion:178 Resp: 493648
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 16.1 12.2 18.2



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: 40.88 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

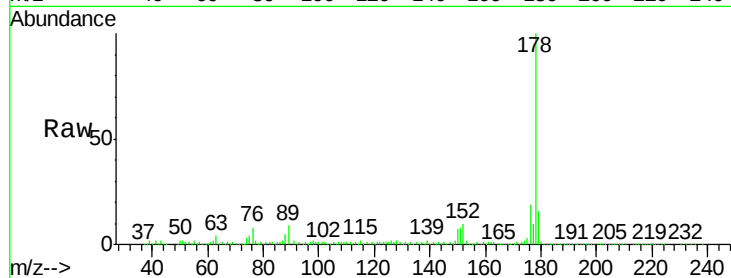
Tot Ion:178 Resp: 554980

Ion Ratio Lower Upper

178 100

176 19.0 14.1 21.1

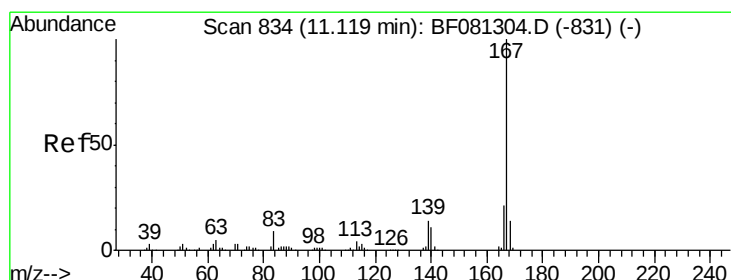
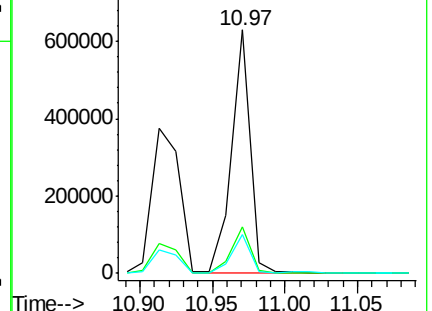
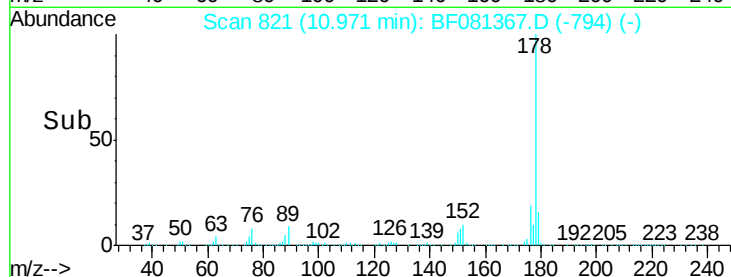
179 15.9 12.2 18.2



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: 40.53 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

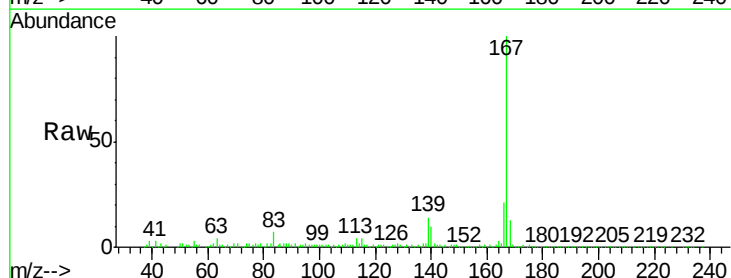
Tgt Ion:167 Resp: 516447

Ion Ratio Lower Upper

167 100

166 21.2 15.7 23.5

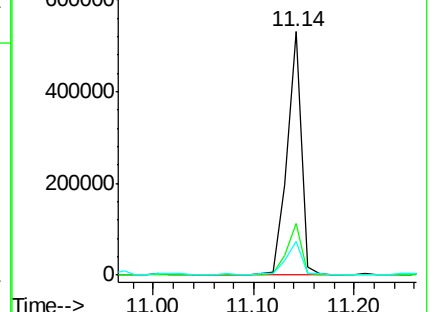
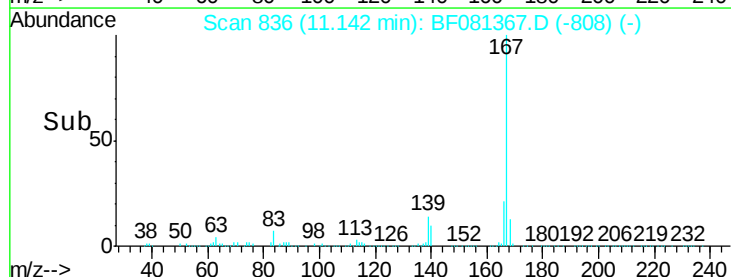
139 14.0 9.5 14.3

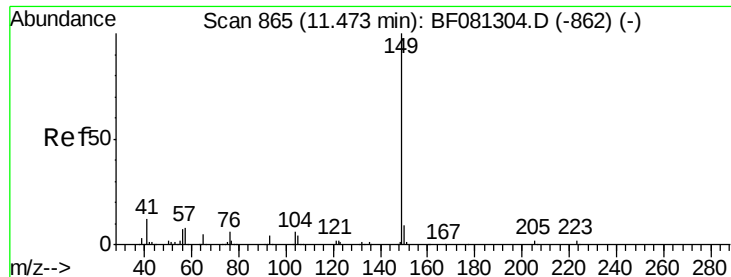


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.67 ng

RT: 11.50 min Scan# 867

Delta R.T. 0.02 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

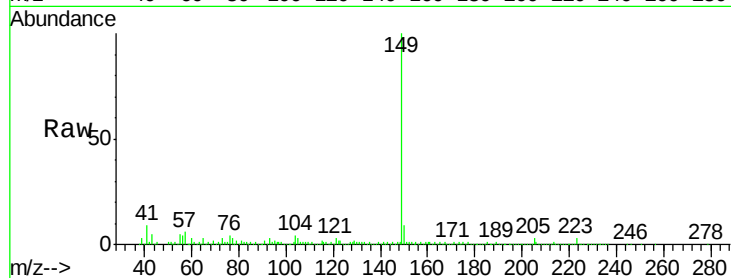
Tot Ion:149 Resp: 672082

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

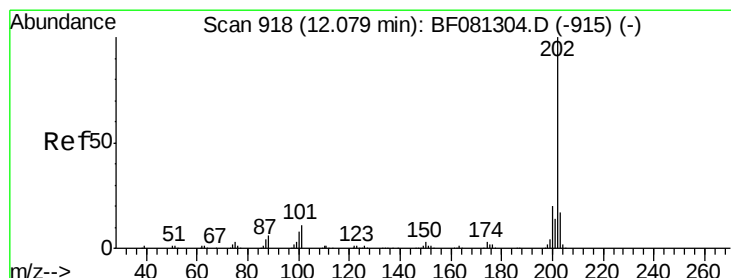
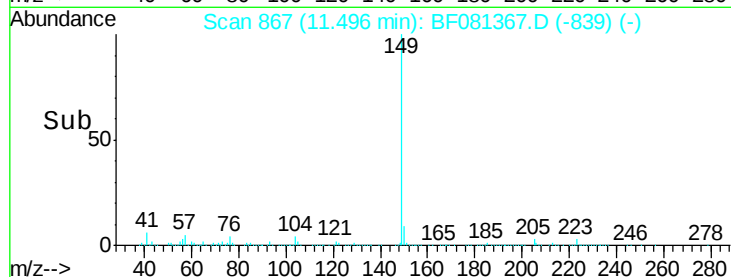
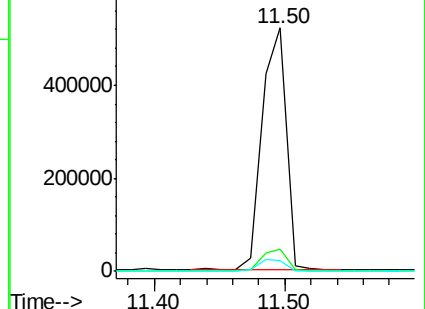
104 4.2 2.4 3.6#



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: 35.07 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

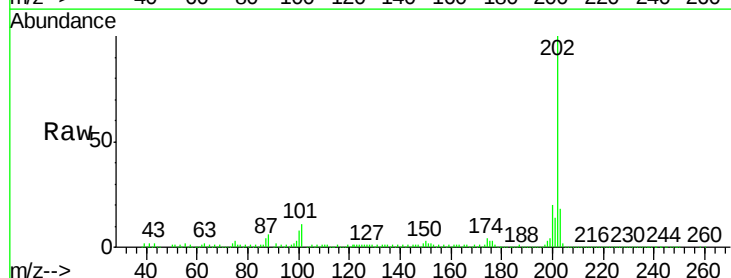
Tgt Ion:202 Resp: 501676

Ion Ratio Lower Upper

202 100

101 10.7 0.0 38.3

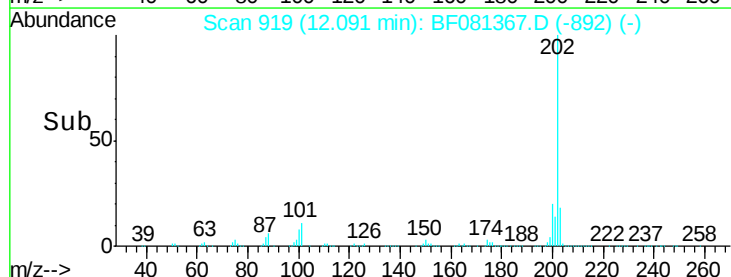
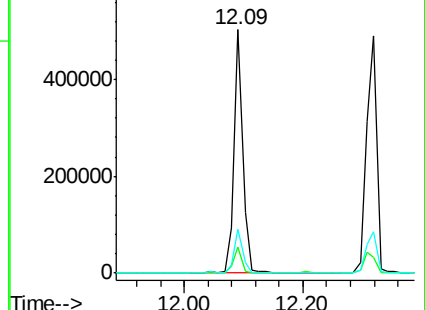
203 18.1 0.0 37.3

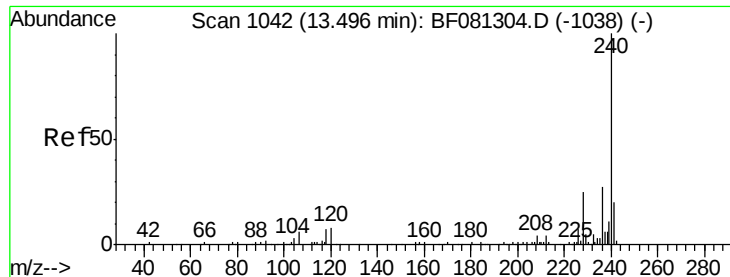


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

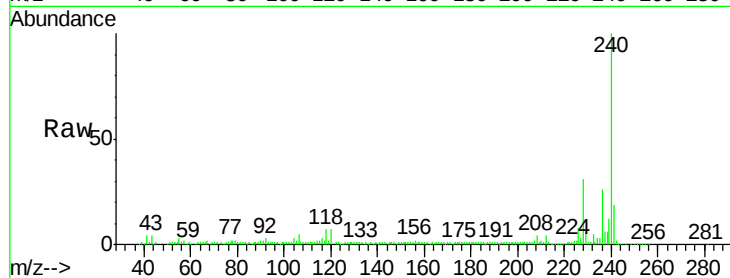
Tot Ion:240 Resp: 173315

Ion Ratio Lower Upper

240 100

120 7.5 16.2 24.2#

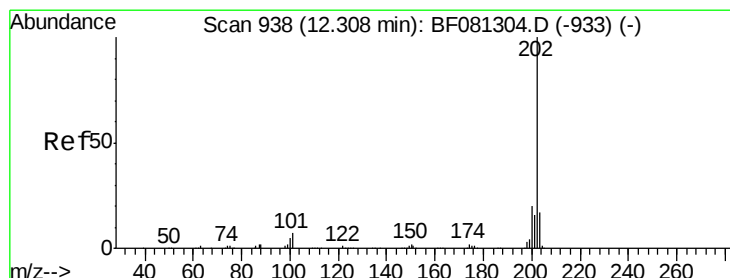
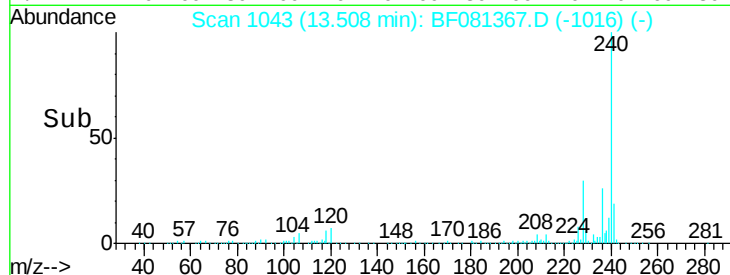
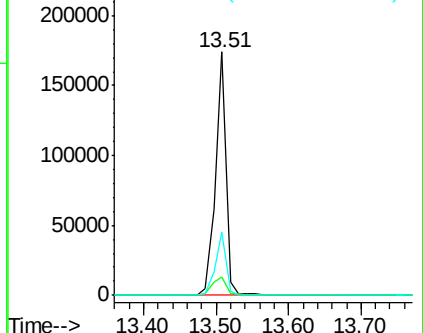
236 26.1 18.4 27.6



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: 44.68 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

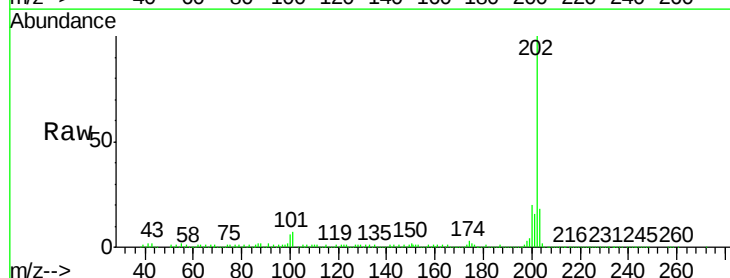
Tgt Ion:202 Resp: 573616

Ion Ratio Lower Upper

202 100

200 20.3 15.0 22.4

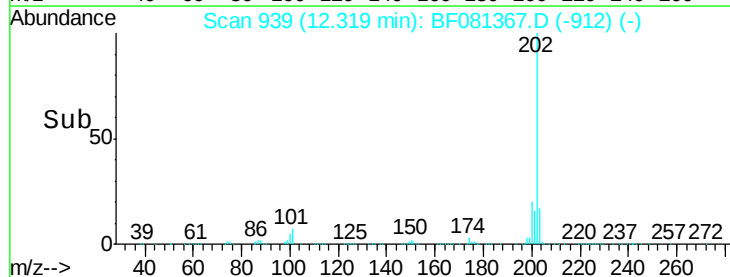
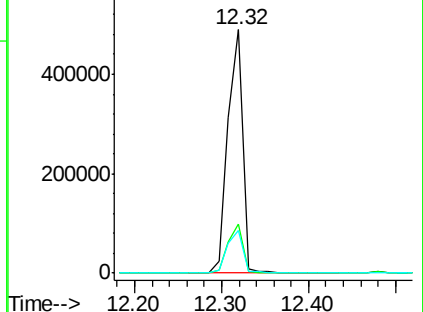
203 17.6 14.1 21.1

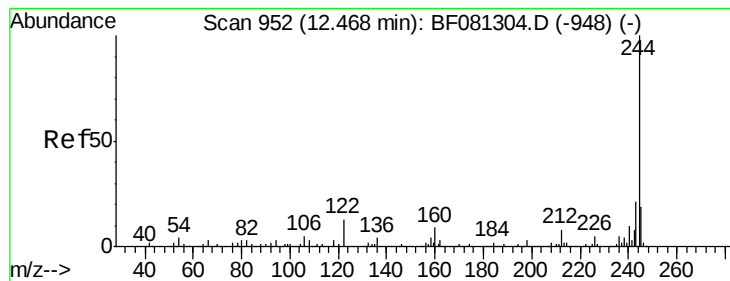


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.78 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

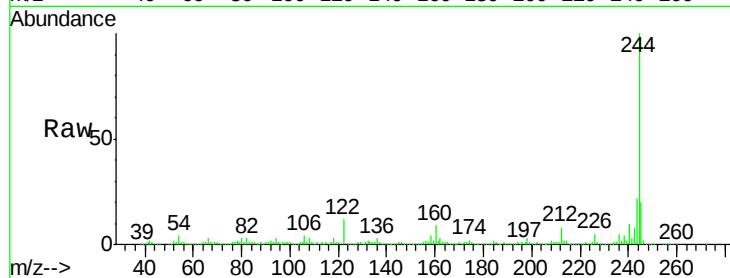
Tot Ion:244 Resp: 683363

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

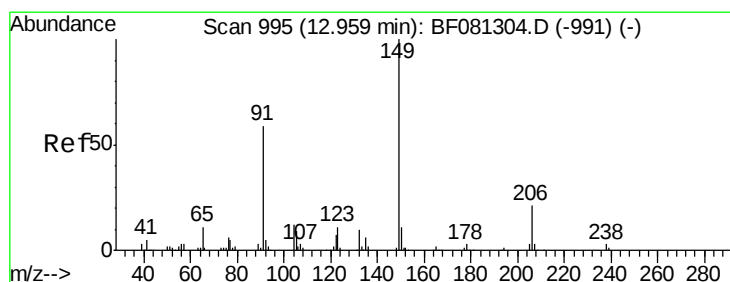
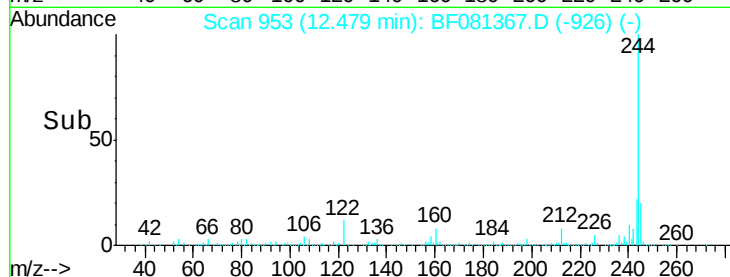
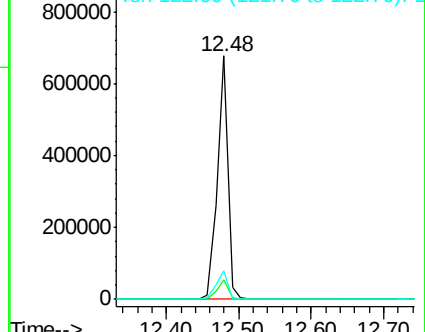
122 12.0 17.4 26.2#



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: 44.59 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

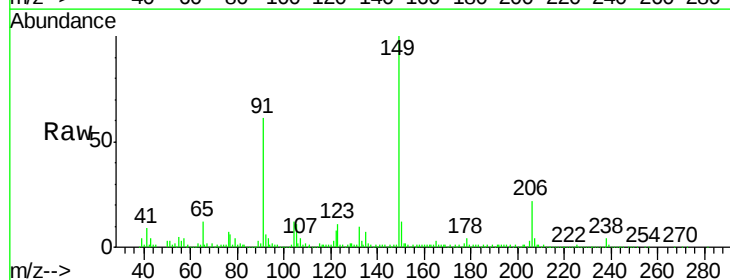
Tgt Ion:149 Resp: 248963

Ion Ratio Lower Upper

149 100

91 60.6 48.6 72.8

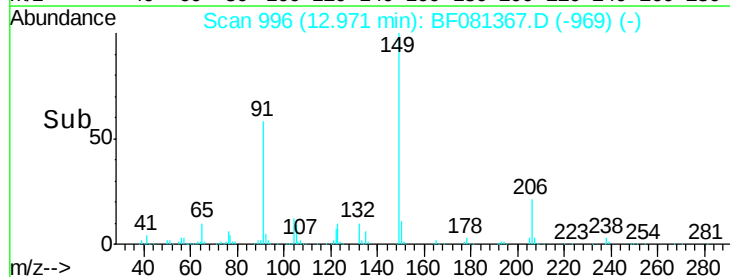
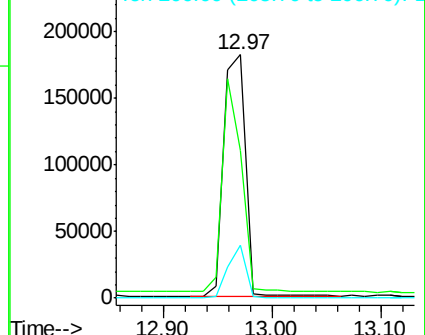
206 21.5 14.9 22.3

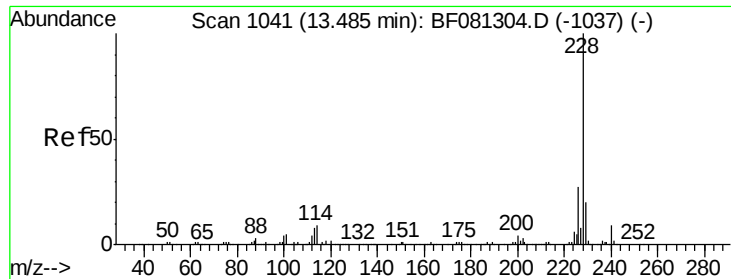


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

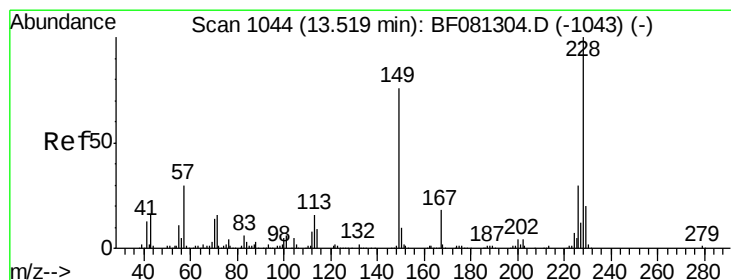
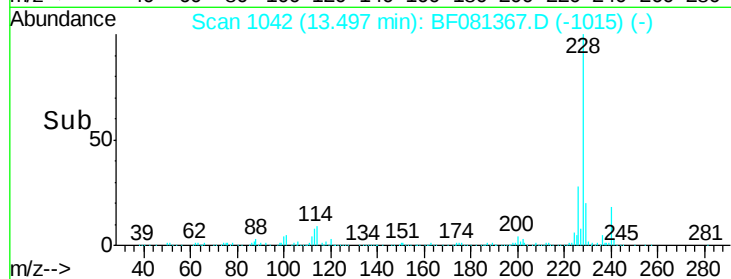
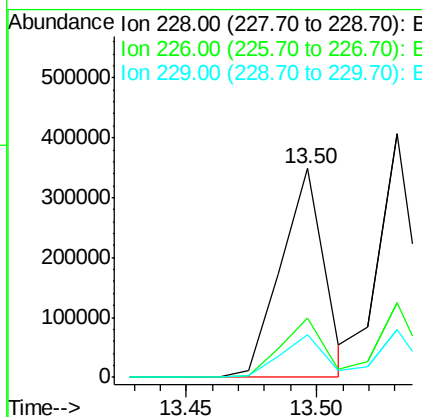
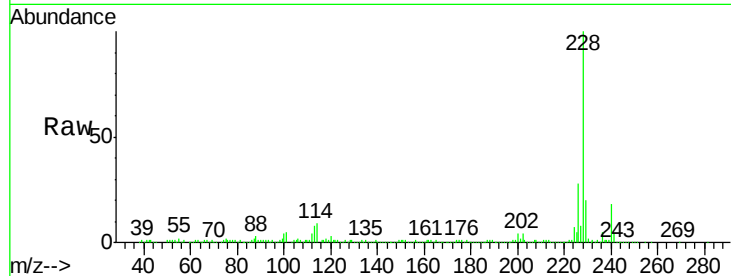




#80
Benzo(a)anthracene
Concen: 36.13 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

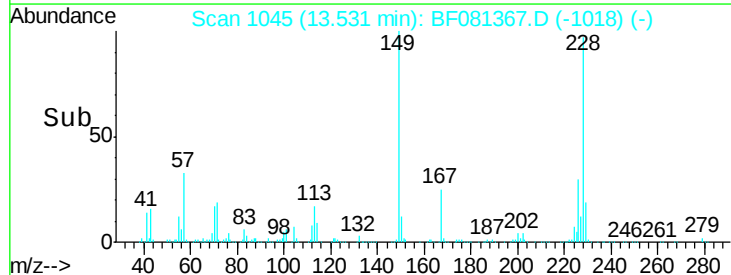
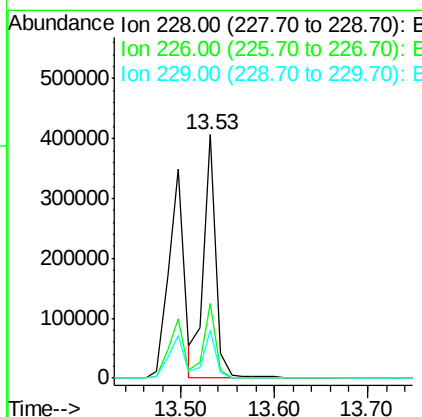
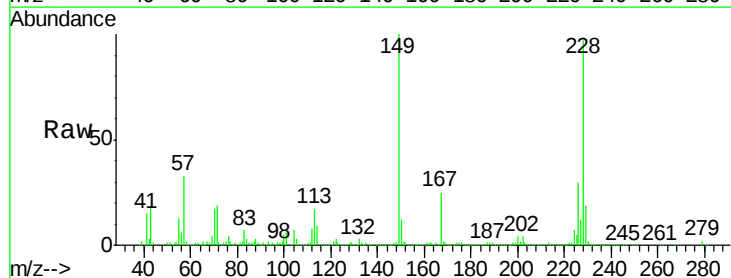
Instrument :
BNA_F
ClientSampled :
MW-04MSD

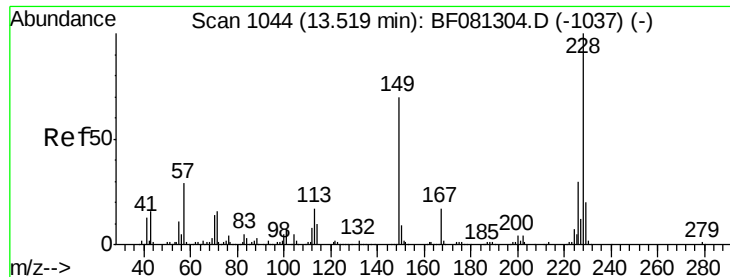
Tot Ion:228 Resp: 398833
Ion Ratio Lower Upper
228 100
226 28.1 20.0 30.0
229 20.2 15.4 23.2



#82
Chrysene
Concen: 37.73 ng
RT: 13.53 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:228 Resp: 373332
Ion Ratio Lower Upper
228 100
226 30.9 21.0 31.4
229 19.8 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.33 ng

RT: 13.53 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

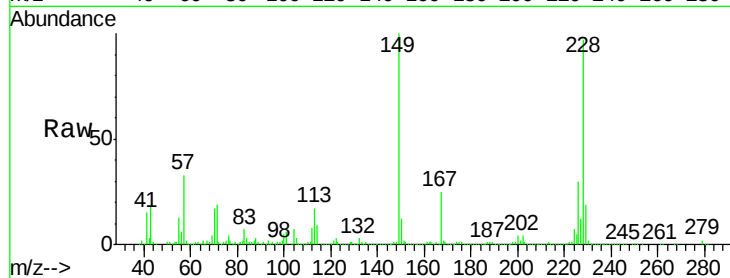
Tot Ion:149 Resp: 385560

Ion Ratio Lower Upper

149 100

167 25.4 24.2 36.2

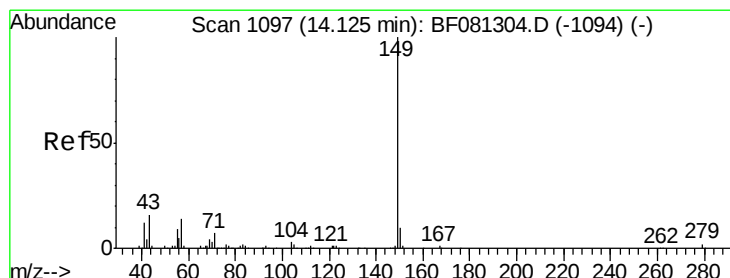
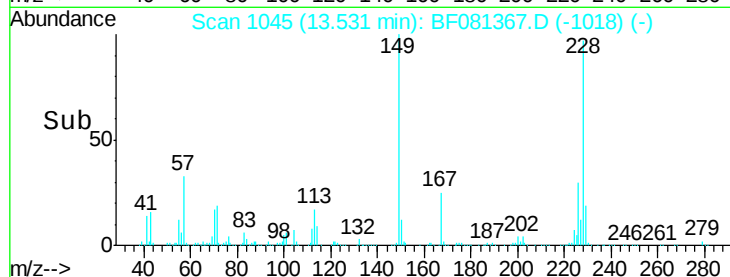
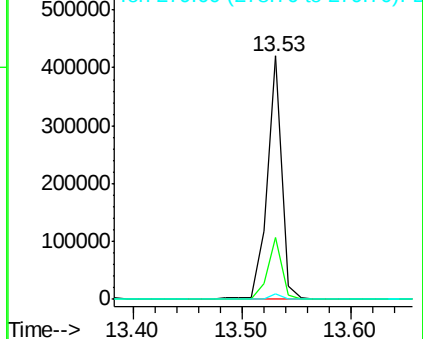
279 2.3 3.8 5.6#



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: 48.14 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

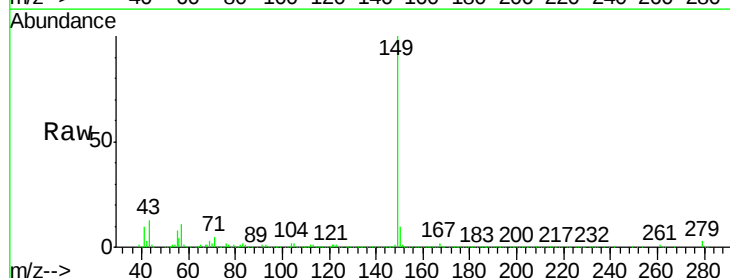
Tgt Ion:149 Resp: 584004

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

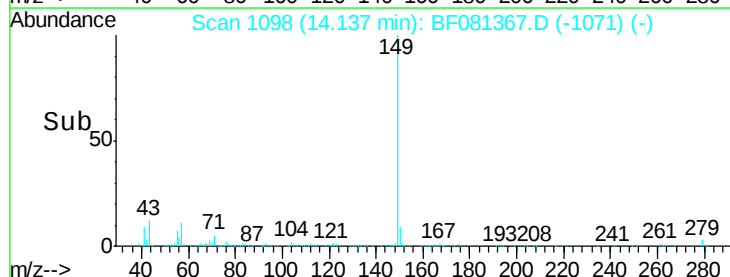
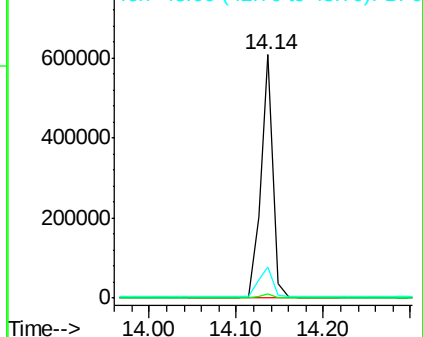
43 14.2 10.2 15.2

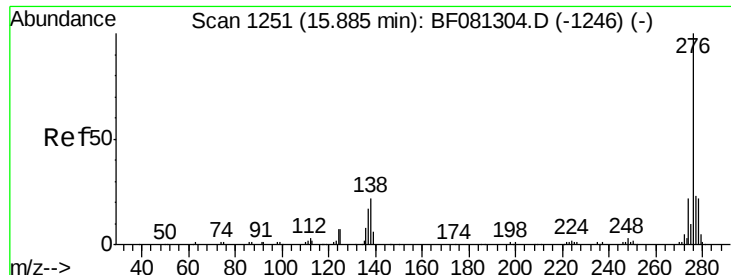


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

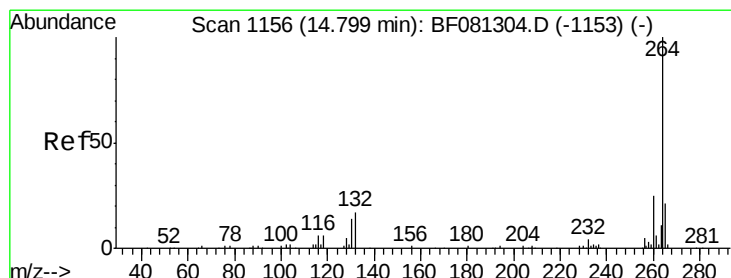
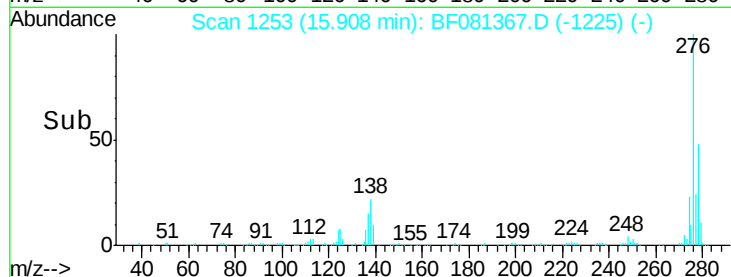
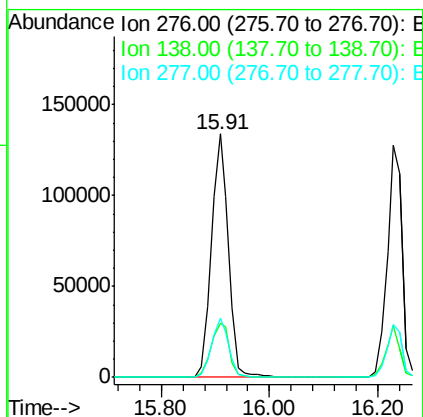
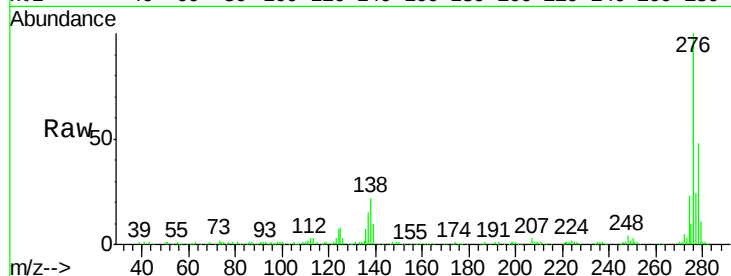




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.89 ng
 RT: 15.91 min Scan# 1253
 Delta R.T. 0.02 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

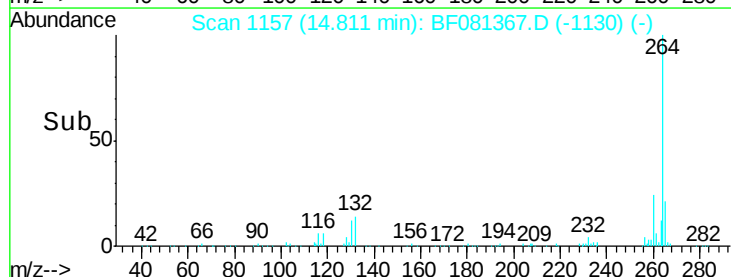
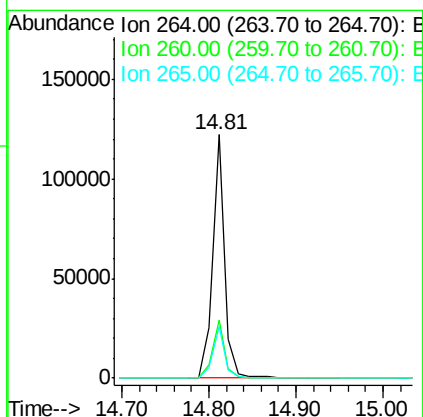
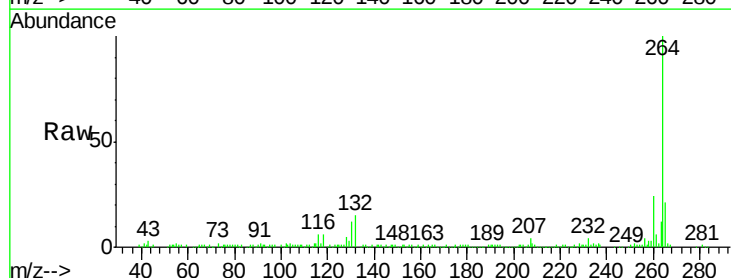
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

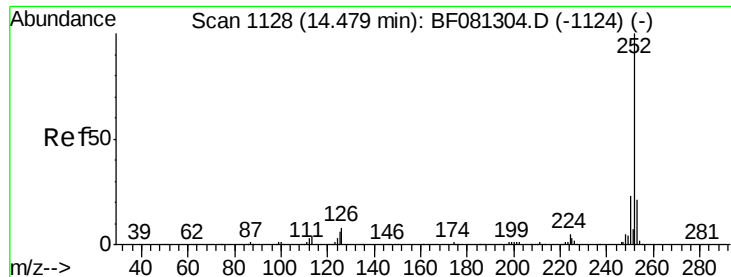
Tot Ion:276 Resp: 296787
 Ion Ratio Lower Upper
 276 100
 138 24.1 25.7 38.5#
 277 24.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF081367.D
 Acq: 3 Sep 2015 00:52

Tgt Ion:264 Resp: 118402
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.2 17.2 25.8

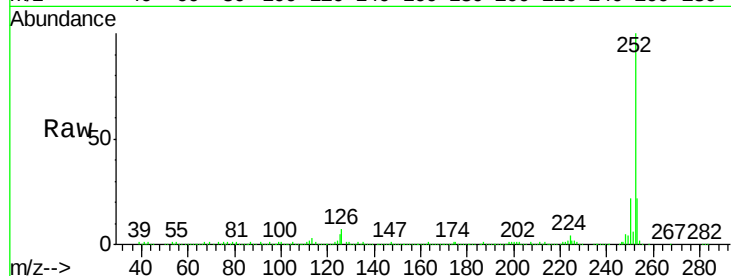




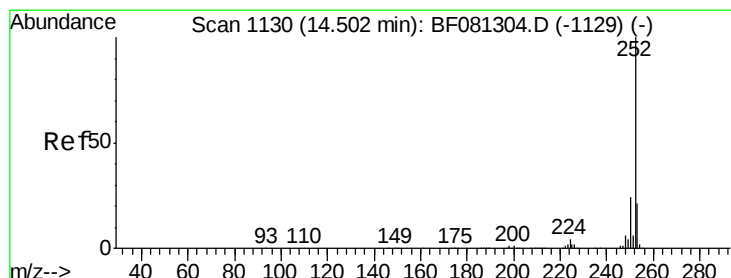
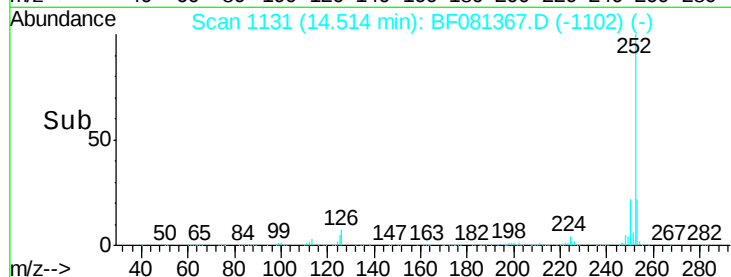
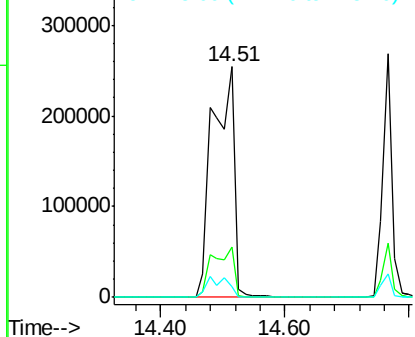
#87
Benzo(b)fluoranthene
Concen: 72.96 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.03 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion:252 Resp: 616718
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 4.8 17.1 25.7#

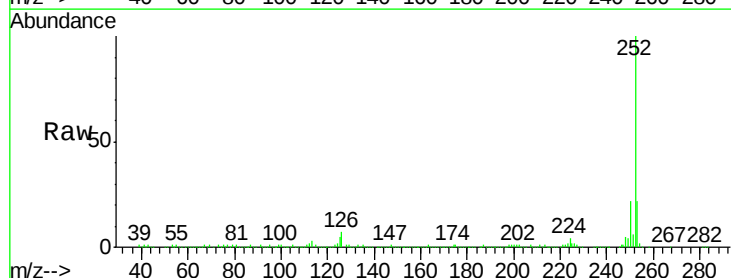


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

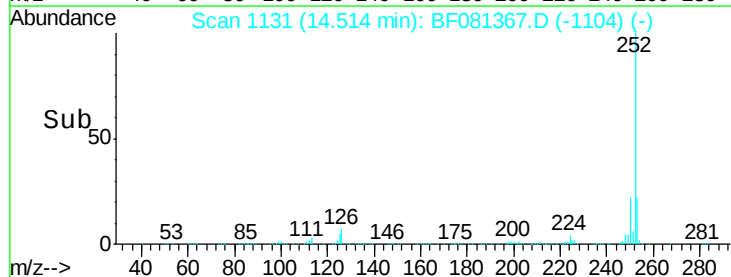
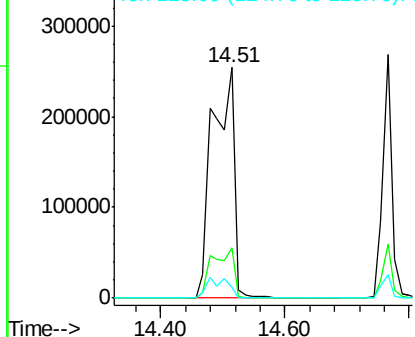


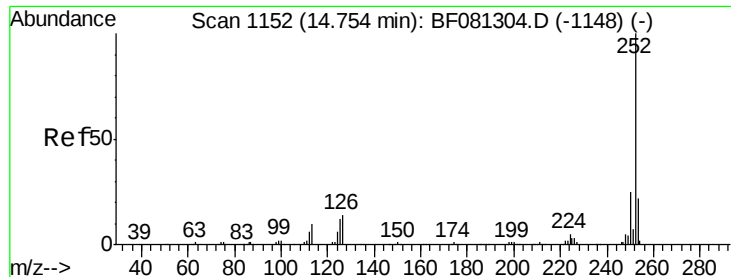
#88
Benzo(k)fluoranthene
Concen: 87.93 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF081367.D
Acq: 3 Sep 2015 00:52

Tgt Ion:252 Resp: 616718
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 4.8 16.0 24.0#



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





#89

Benzo(a)pyrene

Concen: 39.03 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

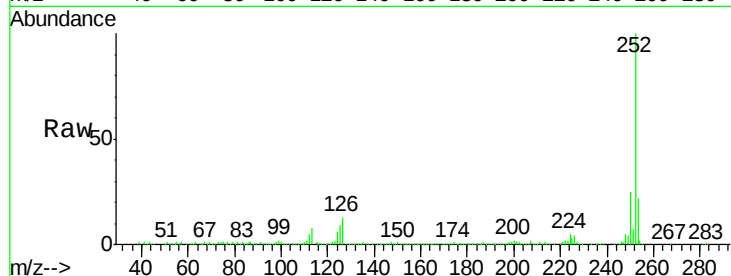
Tot Ion:252 Resp: 279596

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

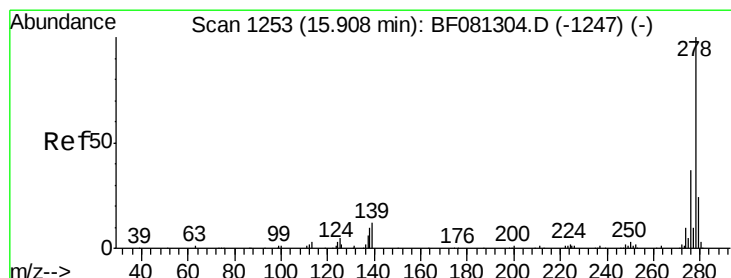
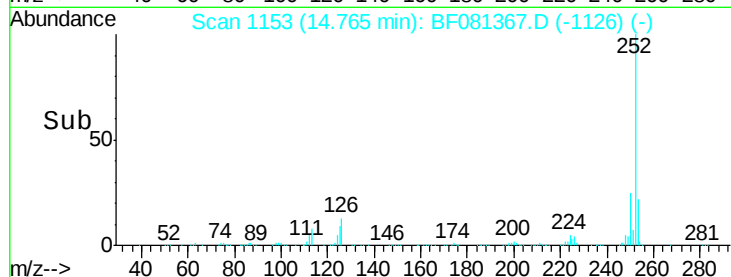
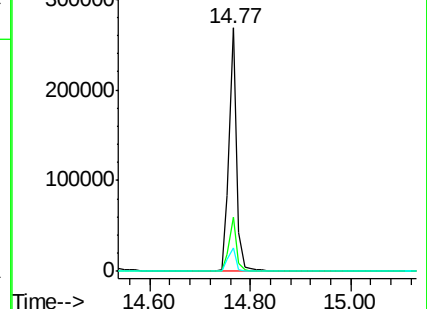
125 9.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.68 ng

RT: 15.92 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

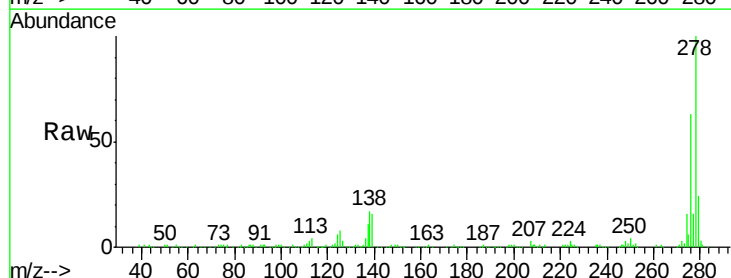
Tgt Ion:278 Resp: 247314

Ion Ratio Lower Upper

278 100

139 16.3 26.3 39.5#

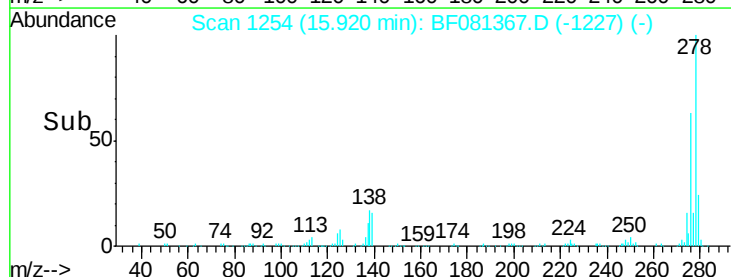
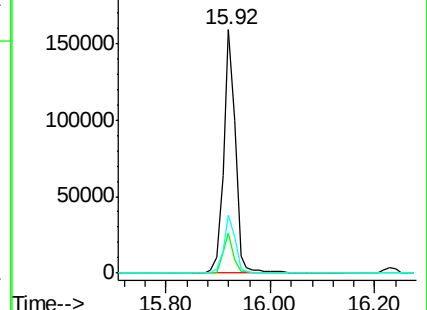
279 24.0 18.2 27.4

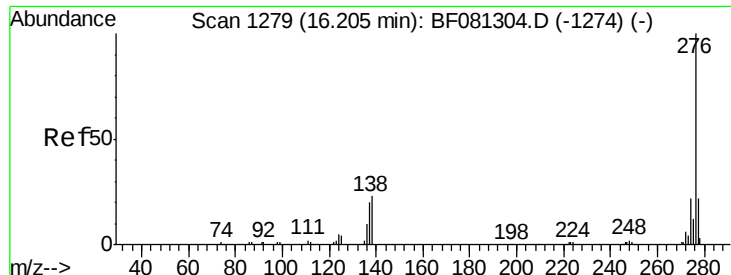


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.83 ng

RT: 16.23 min Scan# 1281

Delta R.T. 0.02 min

Lab File: BF081367.D

Acq: 3 Sep 2015 00:52

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

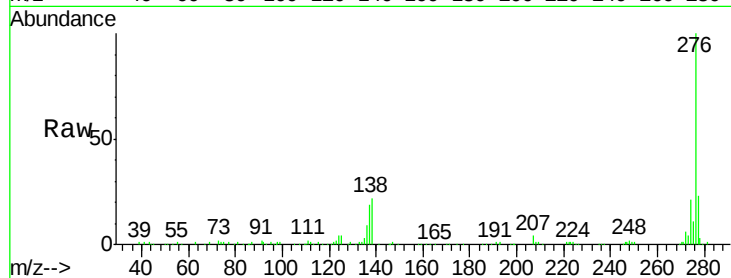
Tot Ion:276 Resp: 252662

Ion Ratio Lower Upper

276 100

277 22.8 17.8 26.6

138 22.1 34.6 51.8#



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

