

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081473.D
 Acq On : 5 Sep 2015 19:25
 Operator : UM/IZ
 Sample : G3559-05MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Quant Time: Sep 07 02:52:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50927	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	195475	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	92733	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	188378	20.00	ng	0.00
75) Chrysene-d12	13.46	240	149574	20.00	ng	0.00
86) Perylene-d12	14.77	264	100818	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	418189	127.40	ng	0.01
7) Phenol-d6	6.03	99	563015	129.58	ng	0.00
23) Nitrobenzene-d5	6.94	82	375367	92.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	138319	167.52	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	527190	72.85	ng	0.00
78) Terphenyl-d14	12.43	244	552041	85.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.71	88	48220	32.71	ng	# 85
3) Pyridine	2.25	79	136247	33.52	ng	# 88
4) n-Nitrosodimethylamine	2.22	42	100305	44.42	ng	# 78
6) Aniline	6.02	93	201529	32.85	ng	# 76
8) 2-Chlorophenol	6.15	128	167987	46.44	ng	92
9) Benzaldehyde	5.90	77	16603	6.10	ng	# 79
10) Phenol	6.04	94	213374	42.35	ng	# 46
11) bis(2-Chloroethyl)ether	6.11	93	168391	46.32	ng	89
12) 1,3-Dichlorobenzene	6.30	146	163153	42.22	ng	# 93
13) 1,4-Dichlorobenzene	6.38	146	167509	42.57	ng	# 91
14) 1,2-Dichlorobenzene	6.52	146	138365	39.05	ng	# 86
15) Benzyl Alcohol	6.52	79	155935	43.75	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	332935	47.78	ng	83
17) 2-Methylphenol	6.66	107	141452	49.01	ng	# 76
18) Hexachloroethane	6.87	117	61222	39.99	ng	93
19) n-Nitroso-di-n-propylamine	6.81	70	145535	49.22	ng	# 84
20) 3+4-Methylphenols	6.82	107	187447	48.17	ng	88
22) Acetophenone	6.79	105	251350	47.08	ng	# 75
24) Nitrobenzene	6.96	77	198481	47.17	ng	# 63
25) Isophorone	7.21	82	359354	47.69	ng	# 87
26) 2-Nitrophenol	7.28	139	91358	49.82	ng	# 51
27) 2,4-Dimethylphenol	7.35	122	153456	48.45	ng	# 85
28) bis(2-Chloroethoxy)methane	7.43	93	194161	44.60	ng	# 90
29) 2,4-Dichlorophenol	7.53	162	140507	51.16	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	143198	47.99	ng	97
31) Naphthalene	7.67	128	434582	41.69	ng	98
32) Benzoic acid	7.45	122	10364	6.88	ng	# 60
33) 4-Chloroaniline	7.74	127	113538	26.70	ng	# 82
34) Hexachlorobutadiene	7.80	225	78706	43.34	ng	98
35) Caprolactam	8.12	113	25693	30.50	ng	# 28
36) 4-Chloro-3-methylphenol	8.25	107	174634	56.80	ng	# 75
37) 2-Methylnaphthalene	8.36	142	335574	49.46	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	129128	44.03	ng	99
40) Hexachlorocyclopentadiene	8.51	237	129968	90.30	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92119	45.51	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	98441	47.67	nq	# 93
45) 1,1'-Biphenyl	8.83	154	383449	44.95	nq	93
46) 2-Chloronaphthalene	8.84	162	280283	45.49	nq	# 89
47) 2-Nitroaniline	8.96	65	139280	55.47	nq	# 69
48) Acenaphthylene	9.26	152	496212	45.40	nq	97
49) Dimethylphthalate	9.15	163	550638	76.43	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	79448	48.58	nq	93
51) Acenaphthene	9.43	154	301186	48.44	nq	90
52) 3-Nitroaniline	9.37	138	72887	39.15	nq	# 67
53) 2,4-Dinitrophenol	9.47	184	35795	51.97	nq	# 1
54) Dibenzofuran	9.60	168	446683	49.20	nq	# 91
55) 4-Nitrophenol	9.60	139	294611	251.90	nq	# 32
56) 2,4-Dinitrotoluene	9.60	165	98676	47.39	nq	# 3
57) Fluorene	9.93	166	312836	45.40	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.68	232	76600	48.59	nq	93
59) Diethylphthalate	9.84	149	359513	47.44	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	165931	51.67	nq	95
61) 4-Nitroaniline	9.98	138	79414	42.22	nq	# 23
62) Azobenzene	10.09	77	392377	46.57	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.01	198	52664	49.98	nq	97
65) n-Nitrosodiphenylamine	10.07	169	305882	44.62	nq	92
66) 4-Bromophenyl-phenylether	10.42	248	93577	49.13	nq	96
67) Hexachlorobenzene	10.48	284	93365	46.88	nq	# 77
68) Atrazine	10.60	200	106849	53.87	nq	82
69) Pentachlorophenol	10.67	266	95250	96.25	nq	98
70) Phenanthrene	10.88	178	461682	44.08	nq	97
71) Anthracene	10.94	178	474703	44.12	nq	98
72) Carbazole	11.10	167	493051	48.83	nq	96
73) Di-n-butylphthalate	11.45	149	606942	50.91	nq	# 99
74) Fluoranthene	12.06	202	516800	45.58	nq	83
76) Benzidine	12.19	184	235117	36.62	nq	98
77) Pyrene	12.27	202	544196	49.12	nq	98
79) Butylbenzylphthalate	12.92	149	255299	52.98	nq	87
80) Benzo(a)anthracene	13.45	228	413568	43.42	nq	96
81) 3,3'-Dichlorobenzidine	13.43	252	99512	30.97	nq	# 96
82) Chrysene	13.49	228	351355	41.15	nq	96
83) Bis(2-ethylhexyl)phthalate	13.49	149	318032	50.01	nq	# 88
84) Di-n-octyl phthalate	14.09	149	498371	47.60	nq	97
85) Indeno(1,2,3-cd)pyrene	15.84	276	296168	47.28	nq	# 86
87) Benzo(b)fluoranthene	14.47	252	665998	92.53	nq	# 85
88) Benzo(k)fluoranthene	14.47	252	665998	111.51	nq	# 87
89) Benzo(a)pyrene	14.72	252	288550	47.31	nq	# 87
90) Dibenzo(a,h)anthracene	15.85	278	250025	53.05	nq	# 82
91) Benzo(g,h,i)perylene	16.16	276	250602	55.71	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

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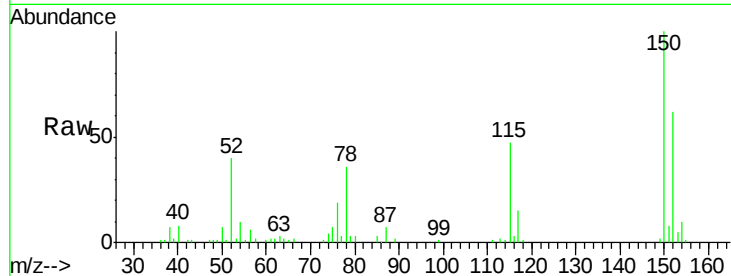
Tot Ion:152 Resp: 50927

Ion Ratio Lower Upper

152 100

150 160.2 124.7 187.1

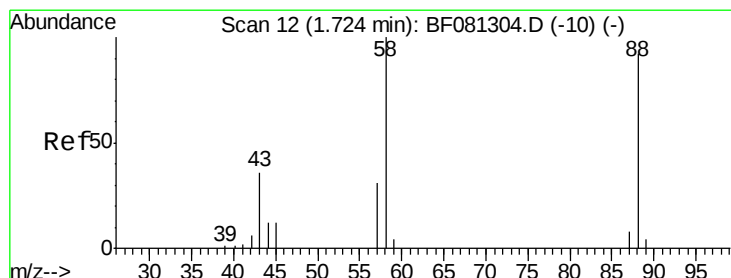
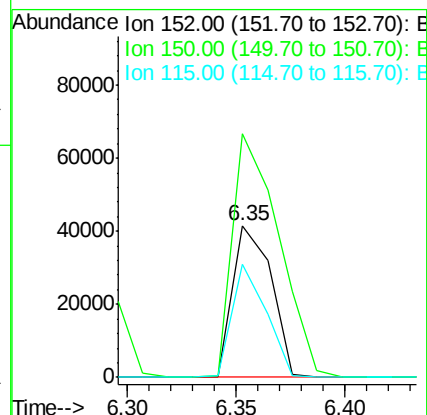
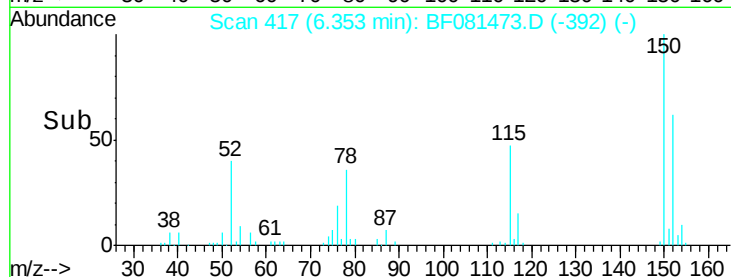
115 74.8 39.0 58.4#



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: 32.71 ng

RT: 1.71 min Scan# 11

Delta R.T. 0.05 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

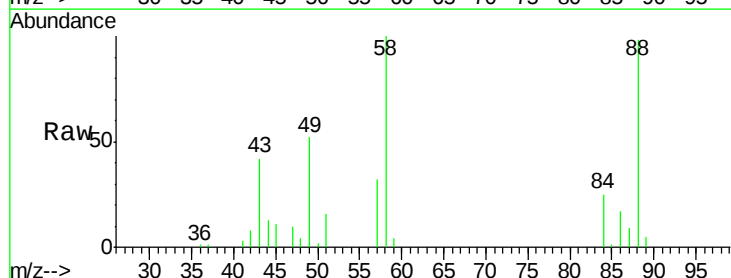
Tgt Ion: 88 Resp: 48220

Ion Ratio Lower Upper

88 100

58 104.2 77.7 116.5

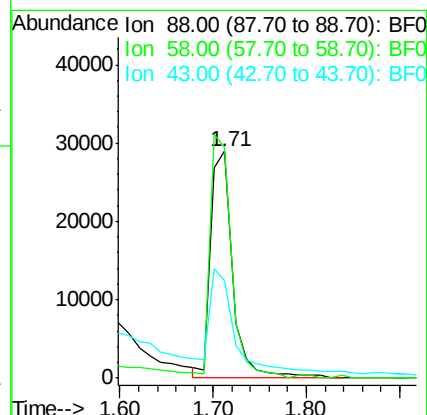
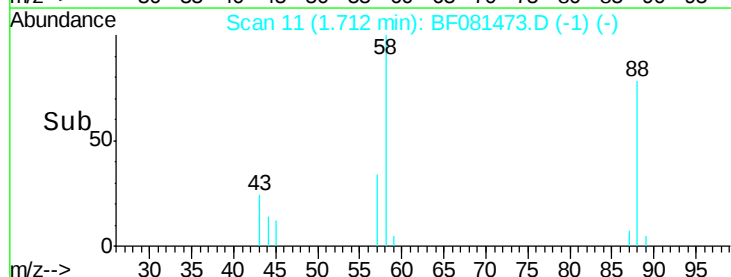
43 54.1 26.6 40.0#

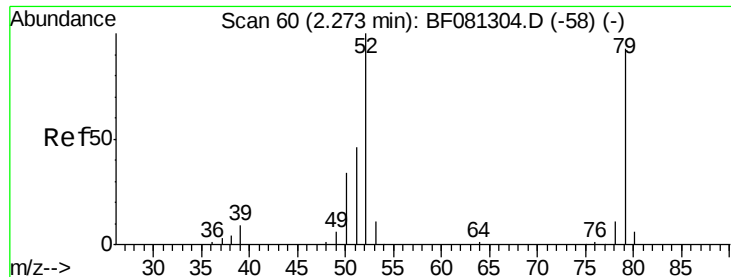


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.52 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

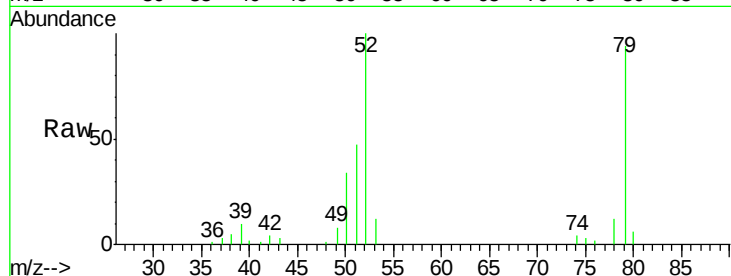
Tot Ion: 79 Resp: 136247

Ion Ratio Lower Upper

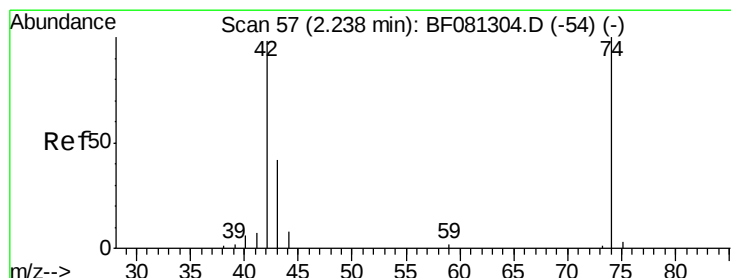
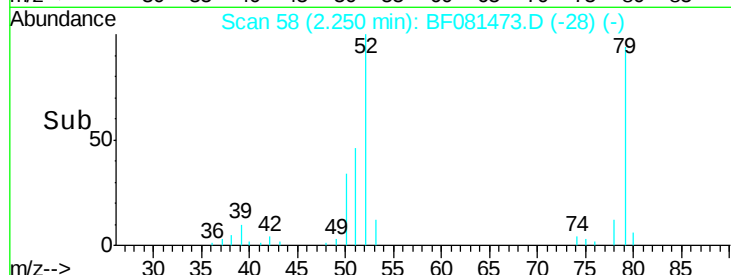
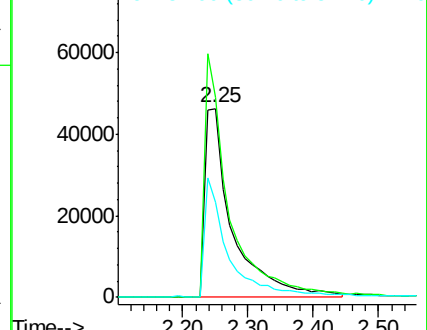
79 100

52 106.2 76.8 115.2

51 50.2 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.42 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.03 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

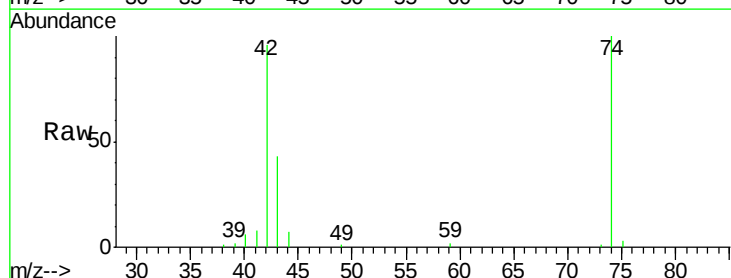
Tgt Ion: 42 Resp: 100305

Ion Ratio Lower Upper

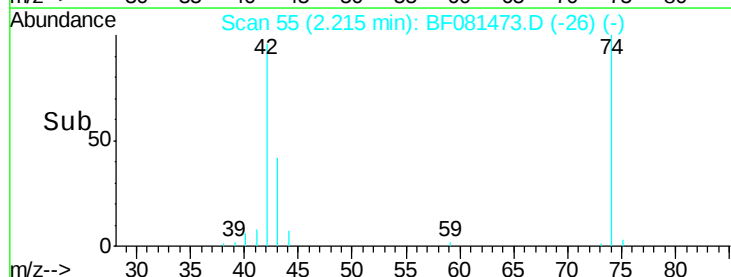
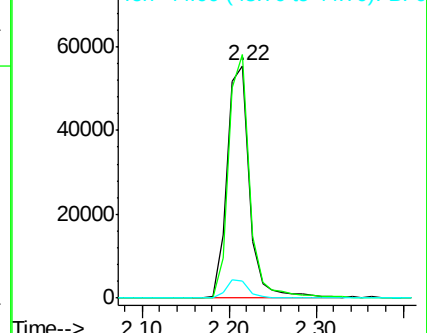
42 100

74 104.7 105.0 157.6#

44 7.1 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.40 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

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ClientSampleId :

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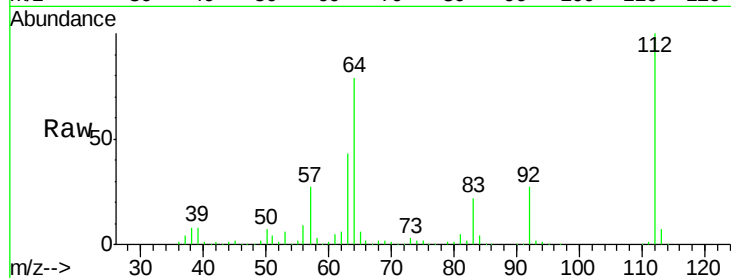
Tot Ion:112 Resp: 418189

Ion Ratio Lower Upper

112 100

64 78.8 39.7 59.5#

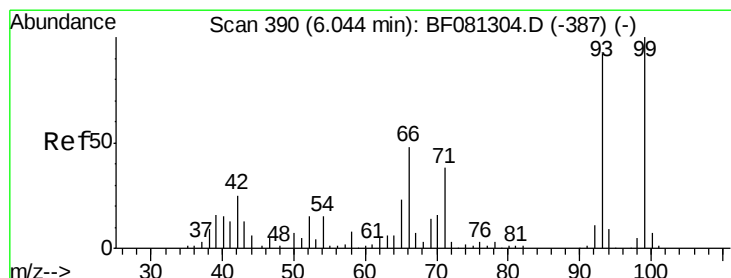
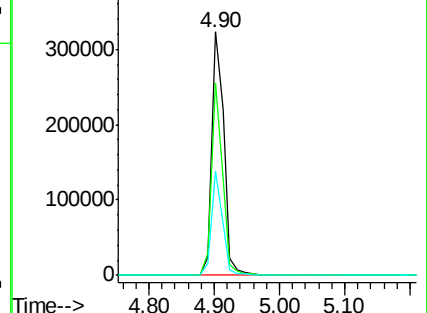
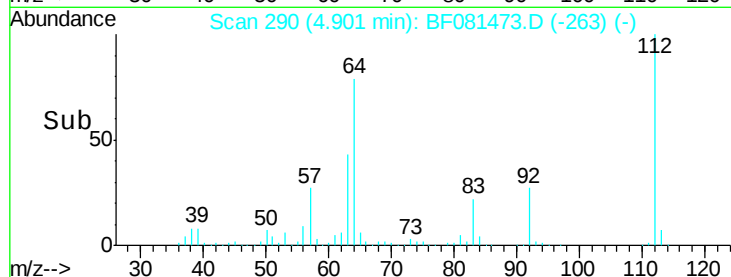
63 42.7 17.4 26.0#



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: 32.85 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

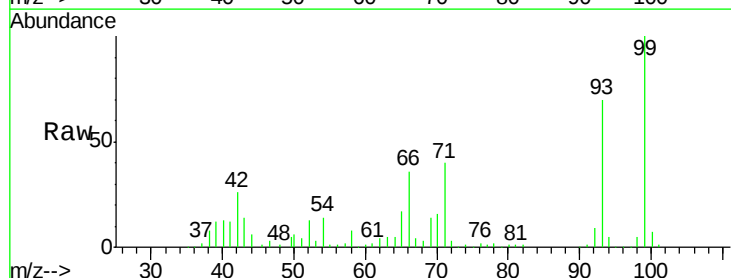
Tgt Ion: 93 Resp: 201529

Ion Ratio Lower Upper

93 100

66 51.2 27.2 40.8#

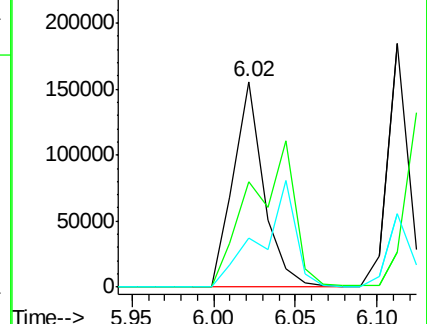
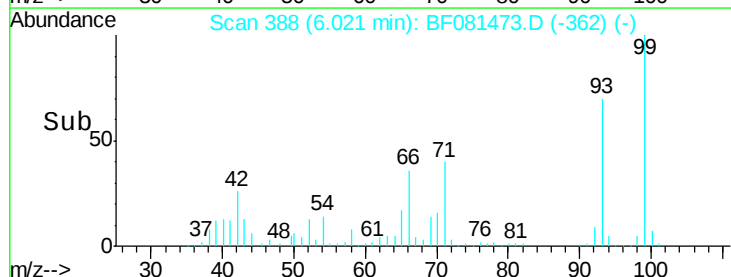
65 23.9 14.7 22.1#

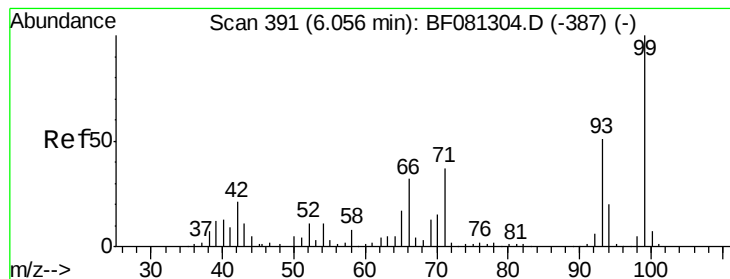


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.58 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.00 min

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ClientSampleId :

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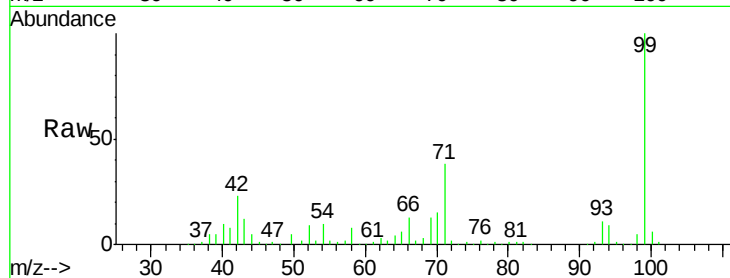
Tot Ion: 99 Resp: 563015

Ion Ratio Lower Upper

99 100

42 22.6 13.7 20.5#

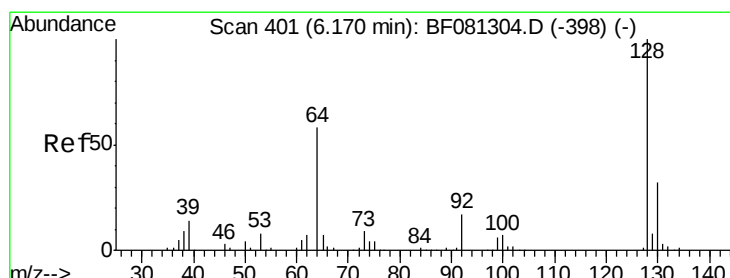
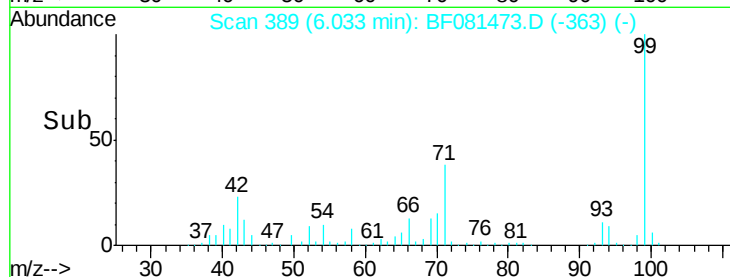
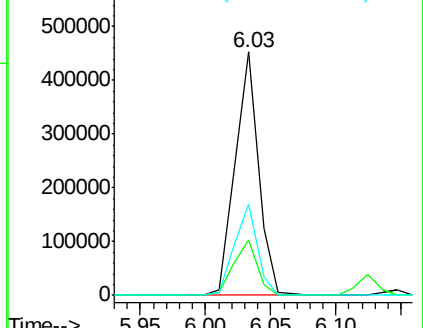
71 37.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.44 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

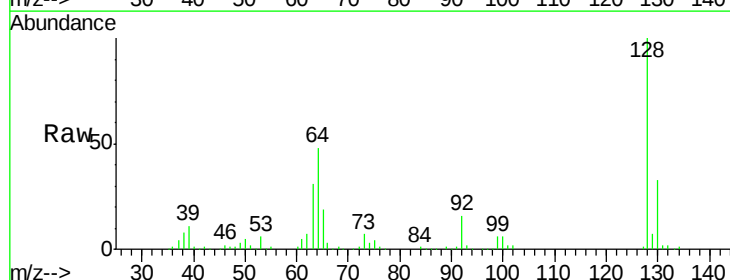
Tgt Ion: 128 Resp: 167987

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

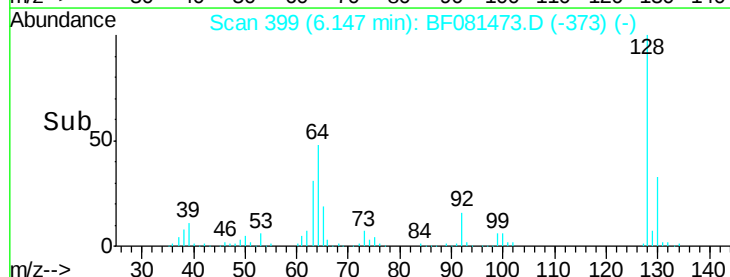
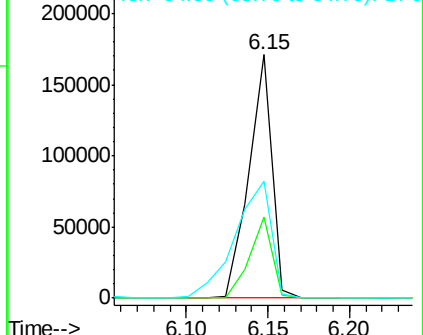
64 48.2 20.5 60.5

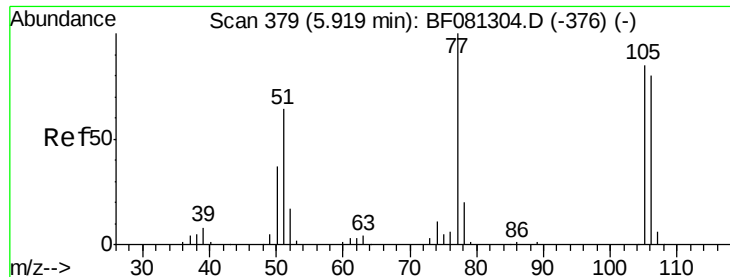


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

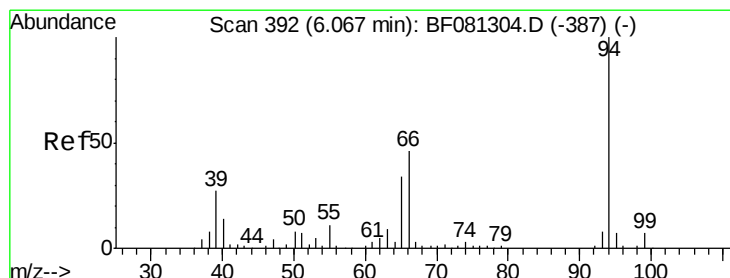
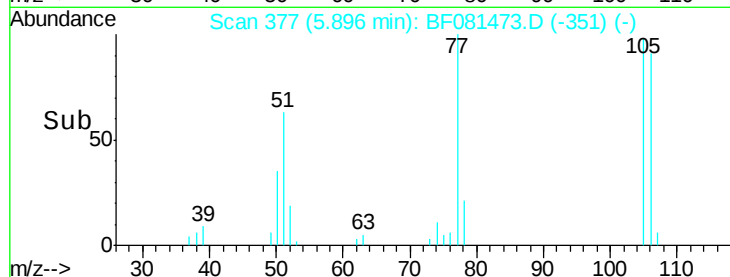
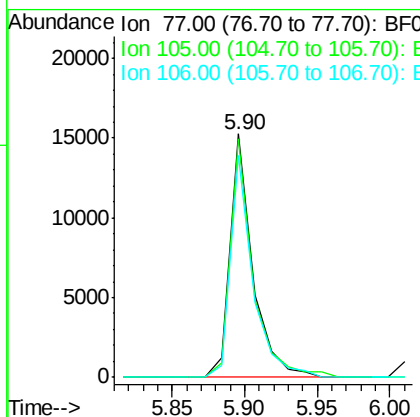
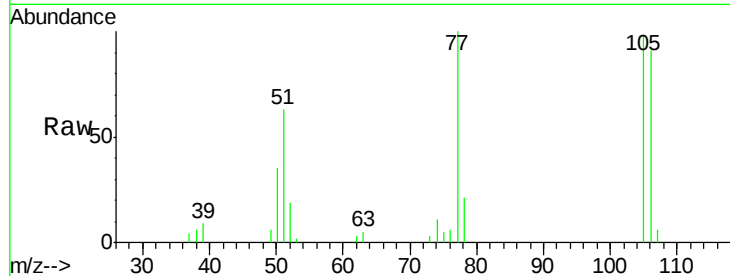




#9
Benzaldehyde
Concen: 6.10 ng
RT: 5.90 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

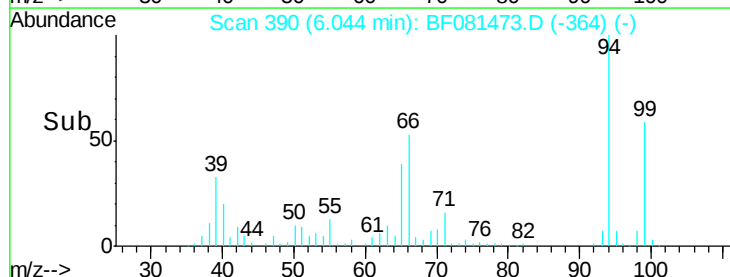
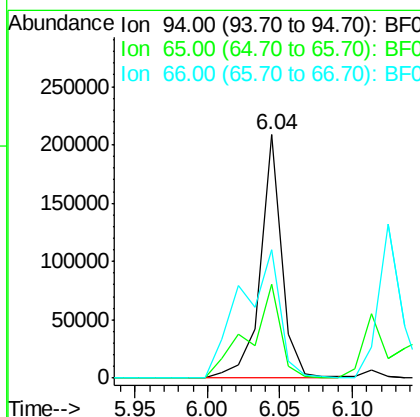
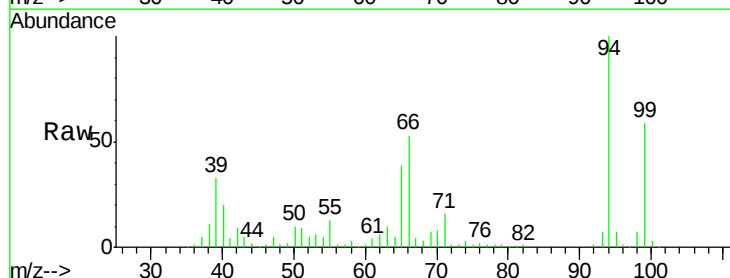
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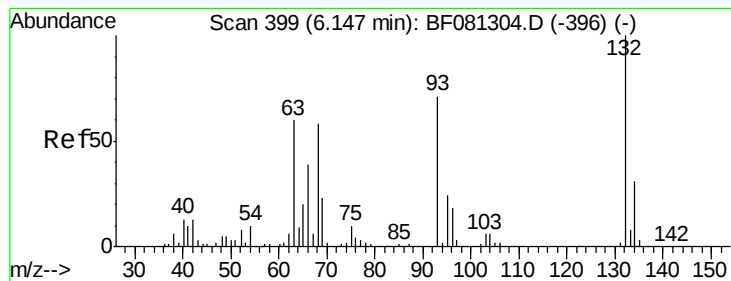
Tot Ion: 77 Resp: 16603
Ion Ratio Lower Upper
77 100
105 97.7 91.6 131.6
106 91.3 102.6 142.6#



#10
Phenol
Concen: 42.35 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion: 94 Resp: 213374
Ion Ratio Lower Upper
94 100
65 38.6 0.7 40.7
66 52.9 0.8 40.8#

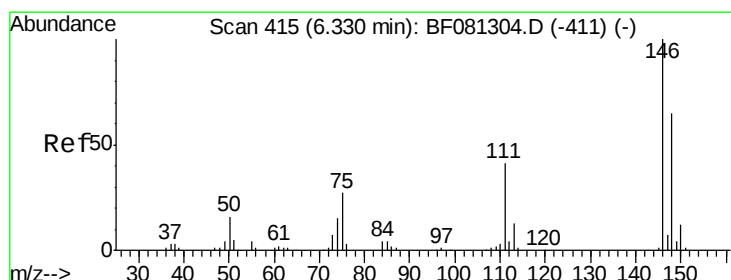
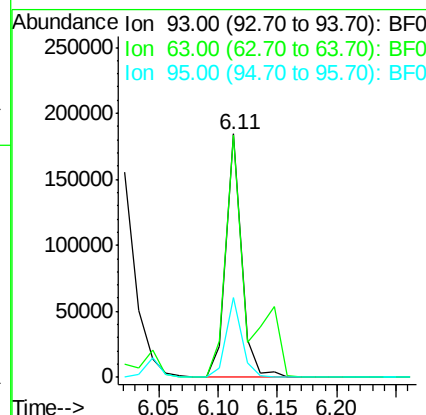
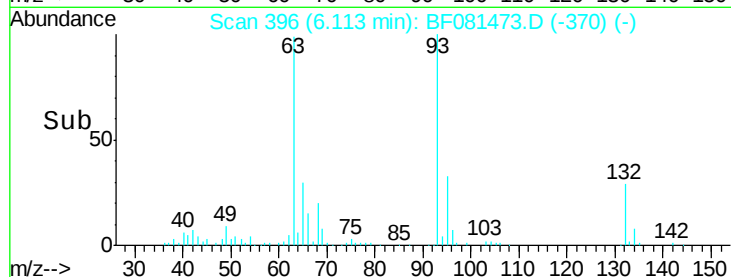
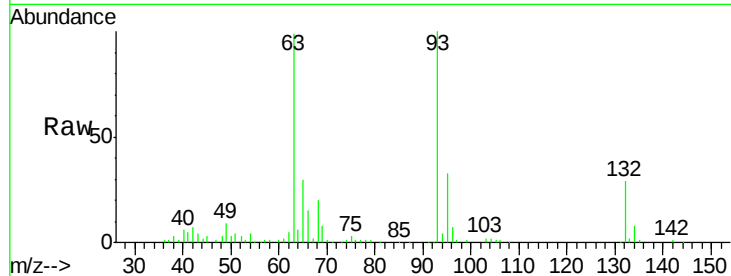




#11
bis(2-Chloroethyl)ether
Concen: 46.32 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

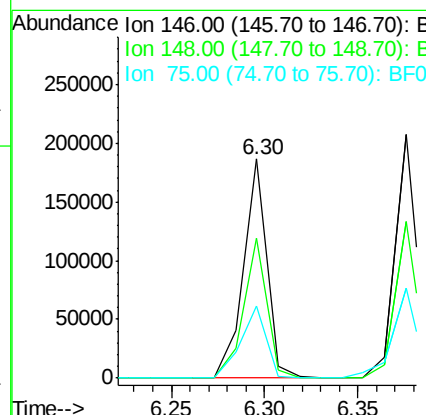
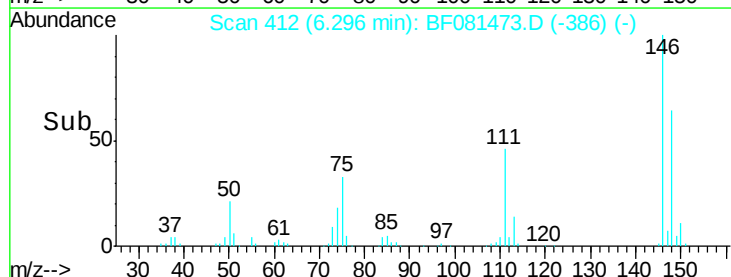
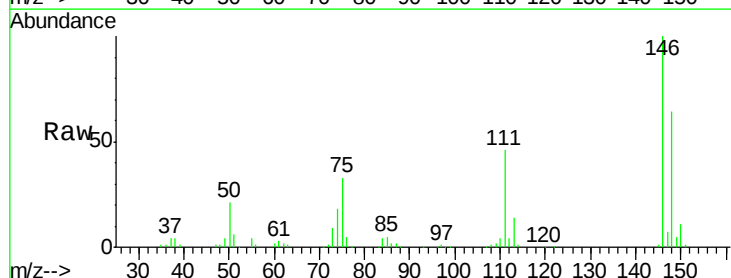
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

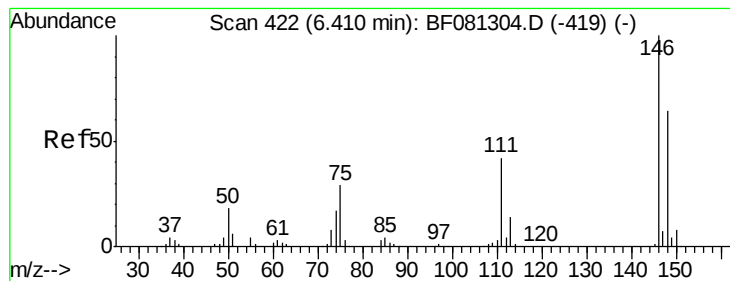
Tot Ion: 93 Resp: 168391
Ion Ratio Lower Upper
93 100
63 99.3 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.22 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion: 146 Resp: 163153
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 32.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 42.57 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

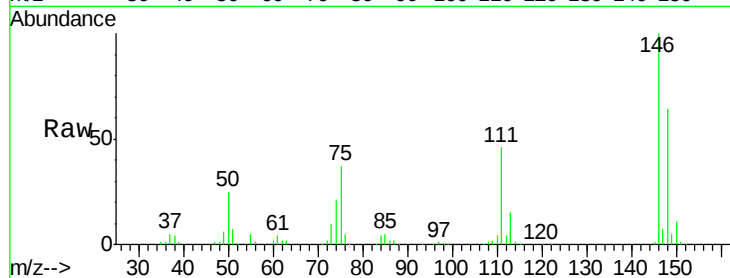
Tot Ion:146 Resp: 167509

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

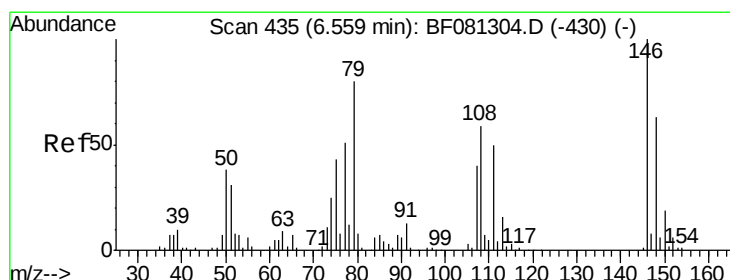
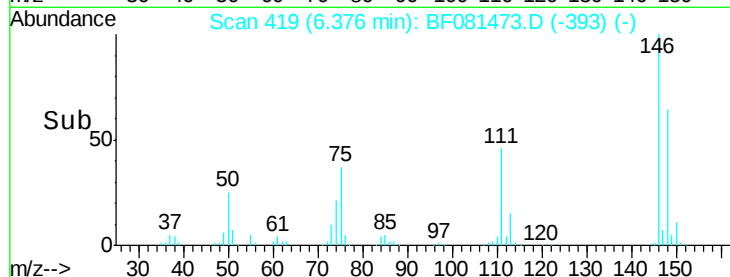
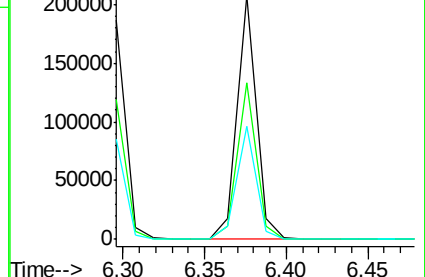
111 46.4 24.9 37.3#



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: 39.05 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

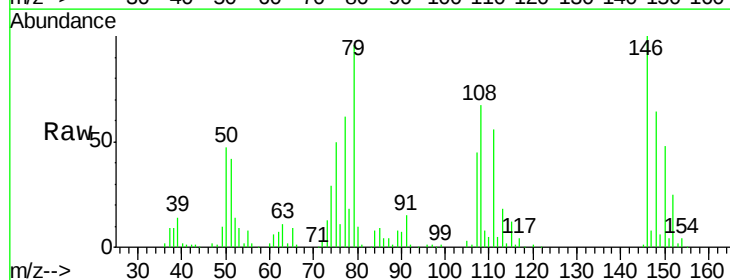
Tgt Ion:146 Resp: 138365

Ion Ratio Lower Upper

146 100

148 63.8 52.7 79.1

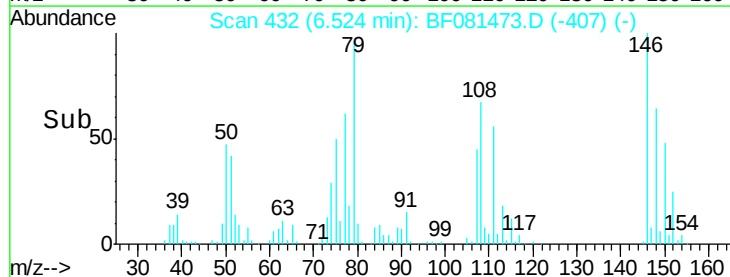
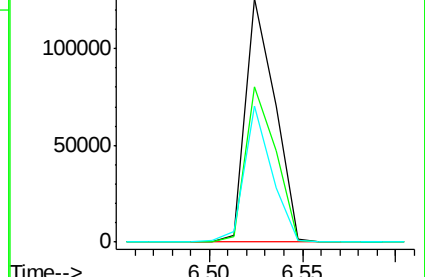
111 56.1 28.8 43.2#

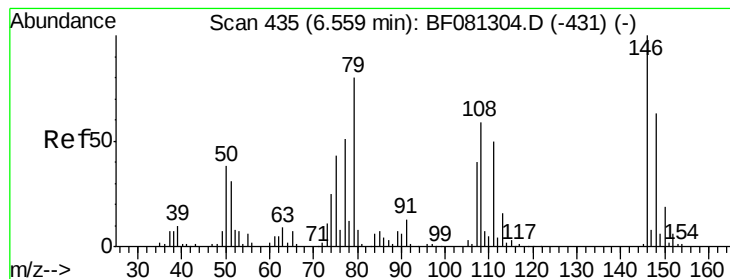


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.75 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

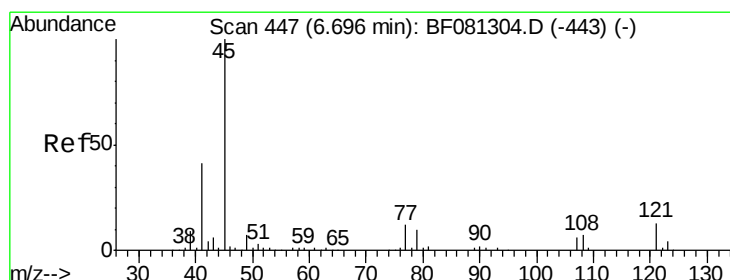
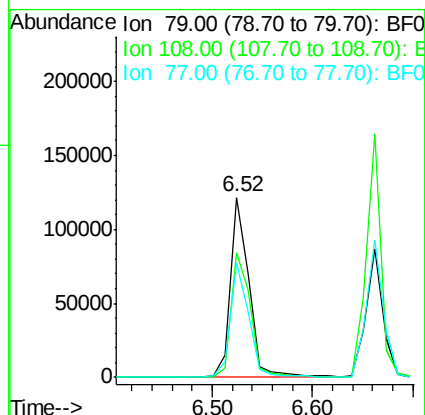
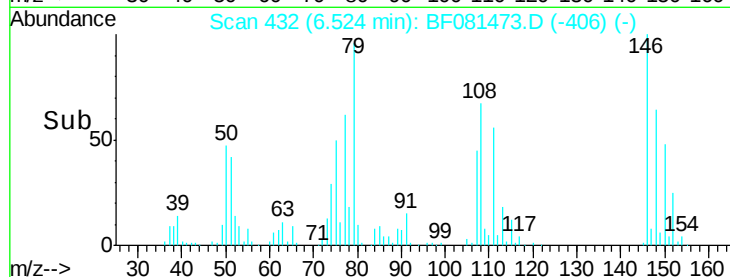
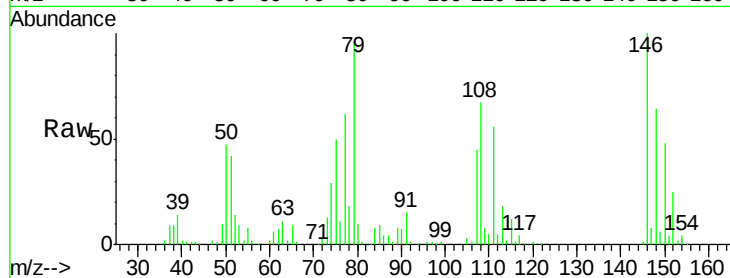
Tot Ion: 79 Resp: 155935

Ion Ratio Lower Upper

79 100

108 69.2 88.6 132.8#

77 63.9 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.78 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

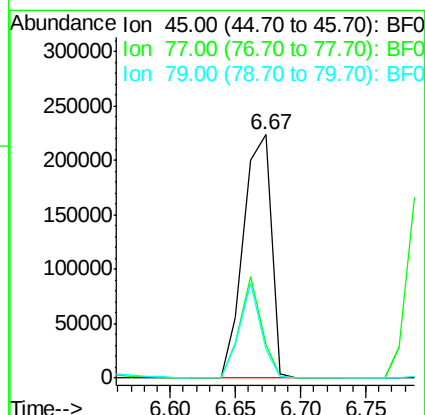
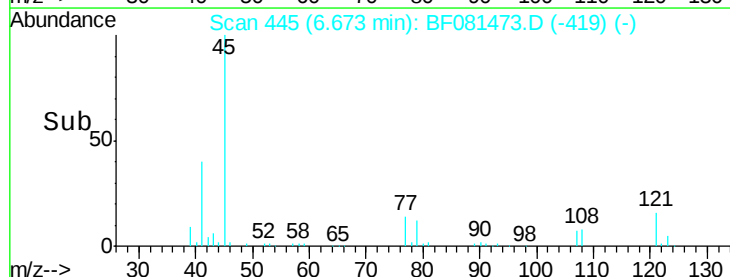
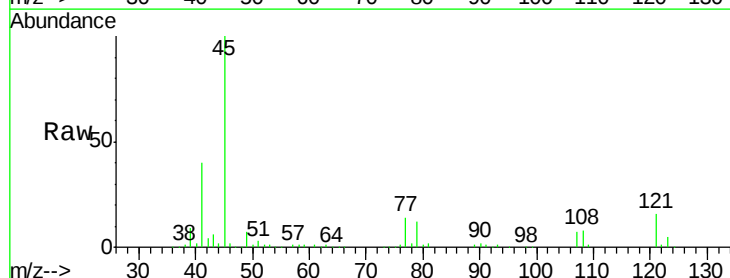
Tgt Ion: 45 Resp: 332935

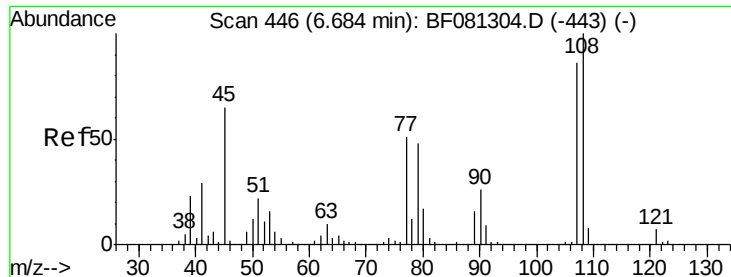
Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

79 11.5 0.0 26.0

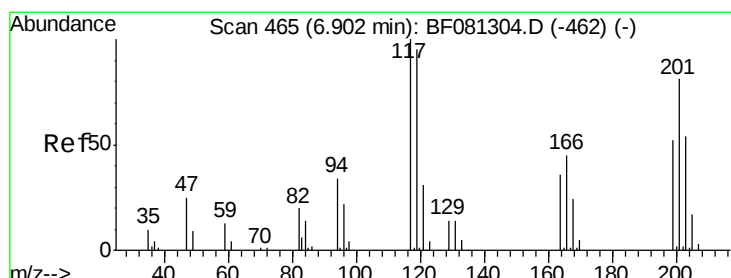
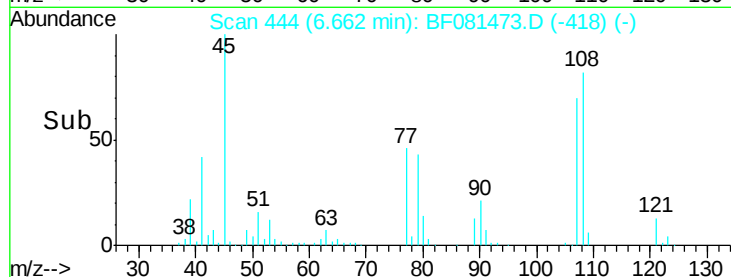
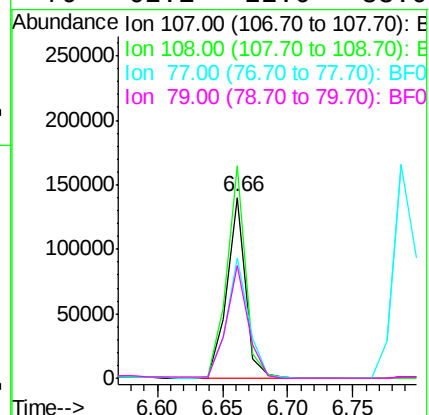
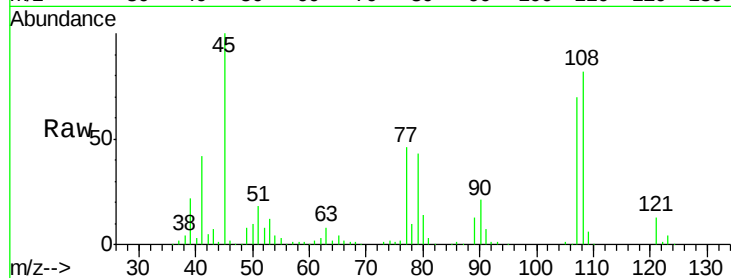




#17
2-Methylphenol
Concen: 49.01 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

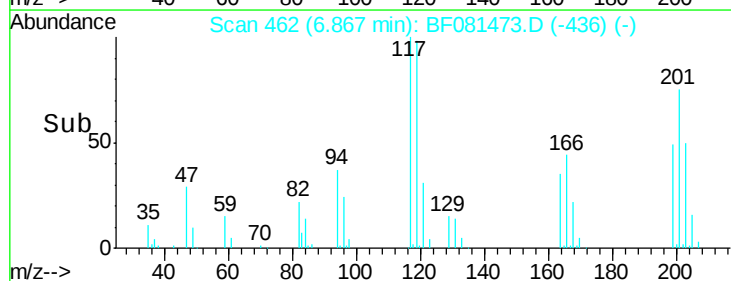
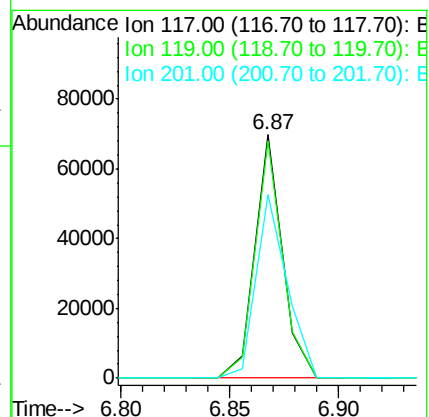
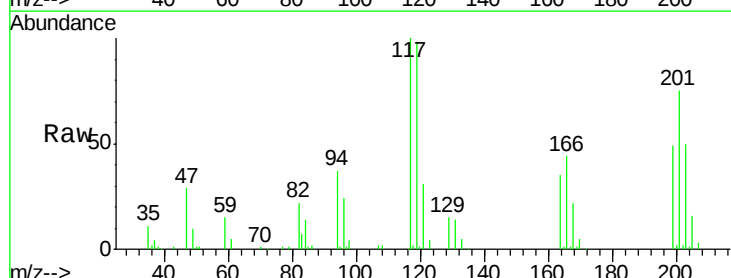
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

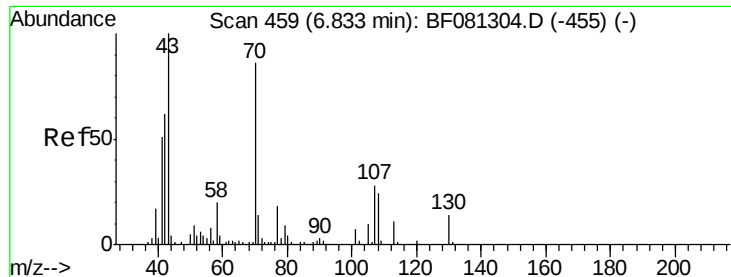
Tot Ion:107 Resp: 141452
Ion Ratio Lower Upper
107 100
108 117.3 96.6 145.0
77 66.3 23.3 34.9#
79 62.1 22.0 33.0#



#18
Hexachloroethane
Concen: 39.99 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:117 Resp: 61222
Ion Ratio Lower Upper
117 100
119 97.5 83.8 125.6
201 75.4 55.1 82.7

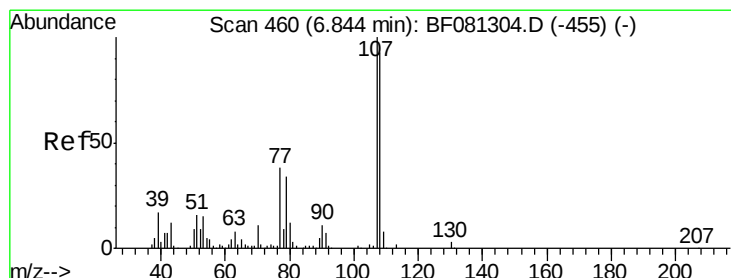
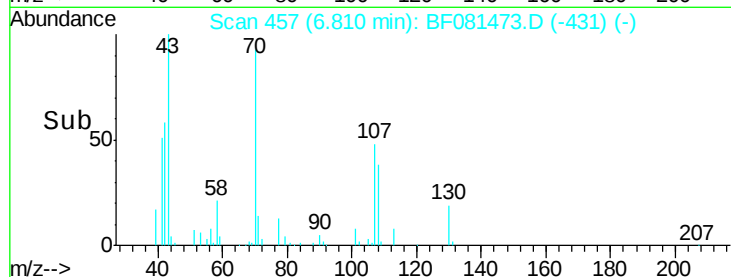
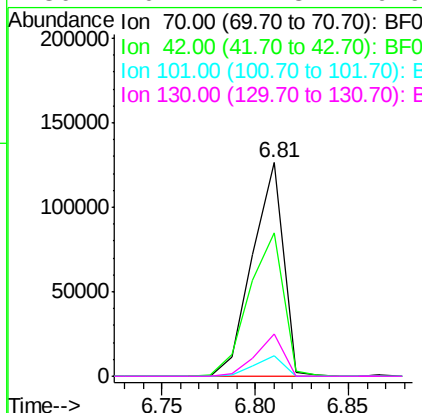
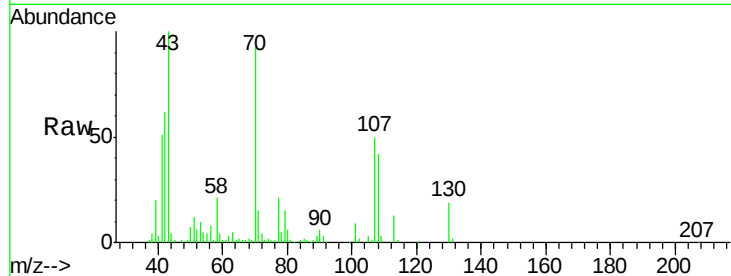




#19
n-Nitroso-di-n-propylamine
Concen: 49.22 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

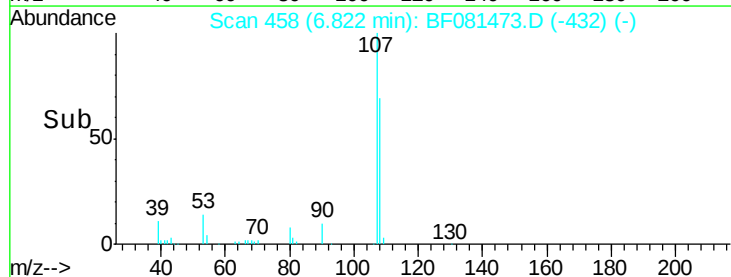
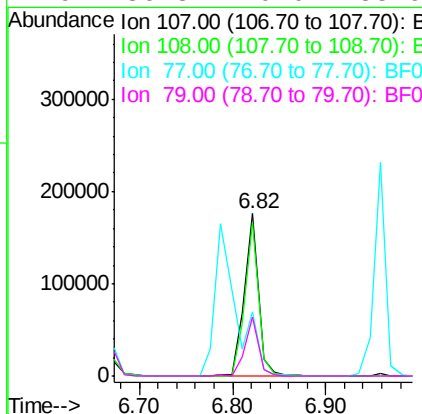
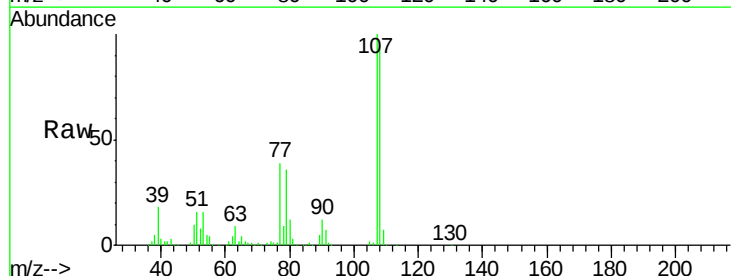
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tot Ion: 70 Resp: 145535
Ion Ratio Lower Upper
70 100
42 67.1 63.8 95.6
101 9.5 9.2 13.8
130 20.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 48.17 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:107 Resp: 187447
Ion Ratio Lower Upper
107 100
108 95.0 74.6 114.6
77 39.4 0.7 40.7
79 36.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

Tot Ion:136 Resp: 195475

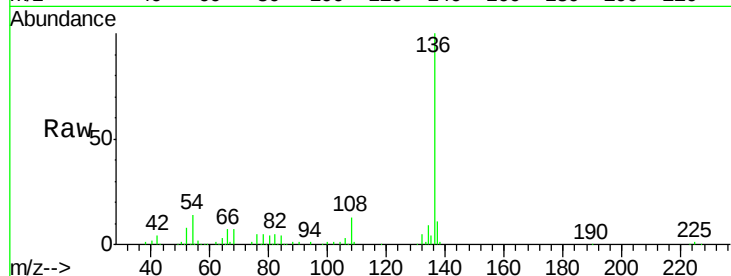
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.9 8.2 12.2#

68 6.5 5.8 8.6

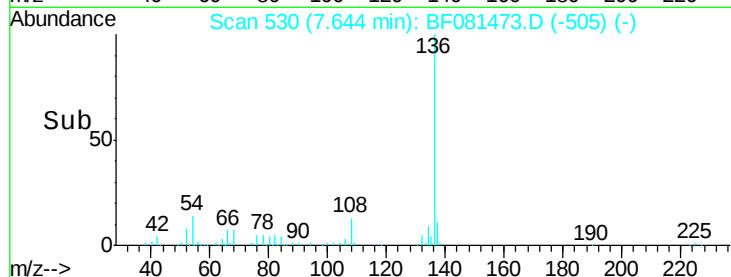


Abundance Ion 136.00 (135.70 to 136.70): E

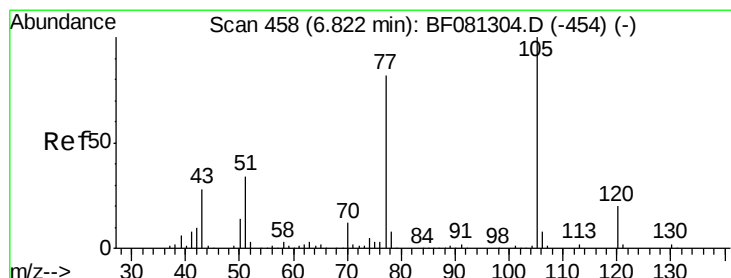
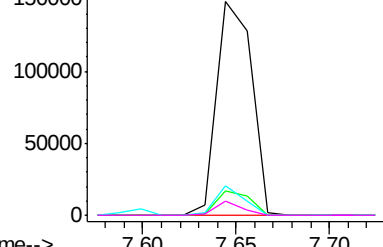
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 47.08 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion:105 Resp: 251350

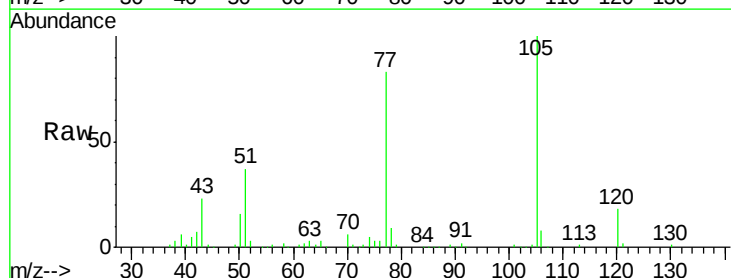
Ion Ratio Lower Upper

105 100

71 1.0 4.7 7.1#

51 36.9 22.0 33.0#

120 18.2 30.1 45.1#

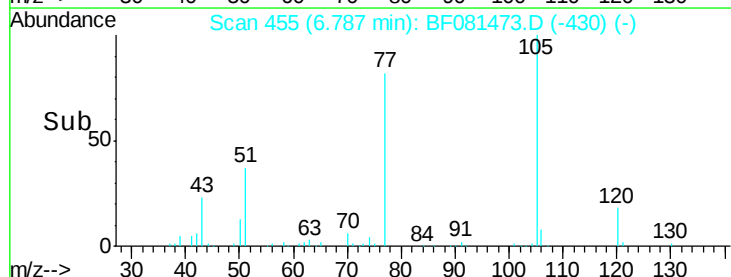


Abundance Ion 105.00 (104.70 to 105.70): E

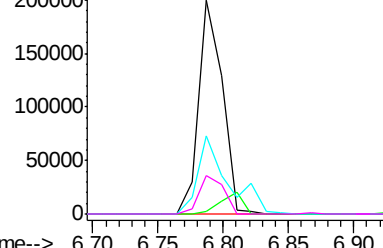
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

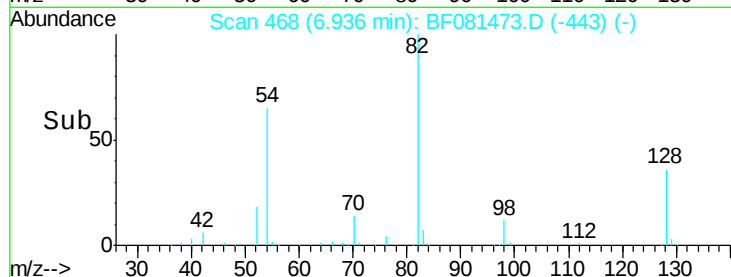
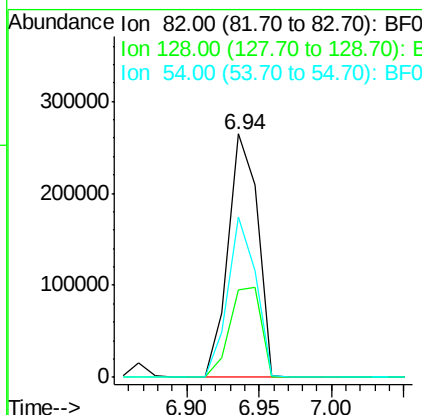
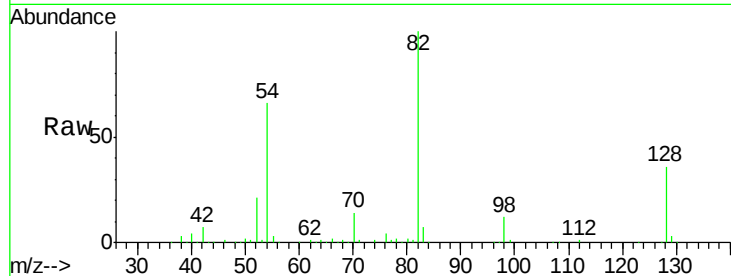




#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

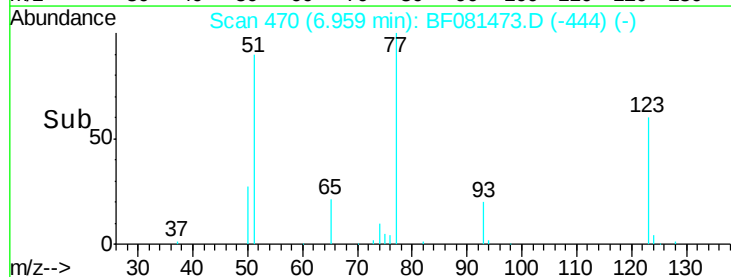
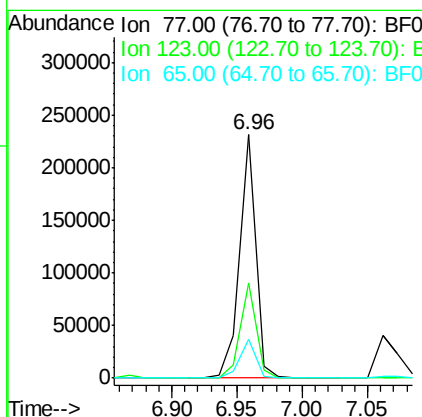
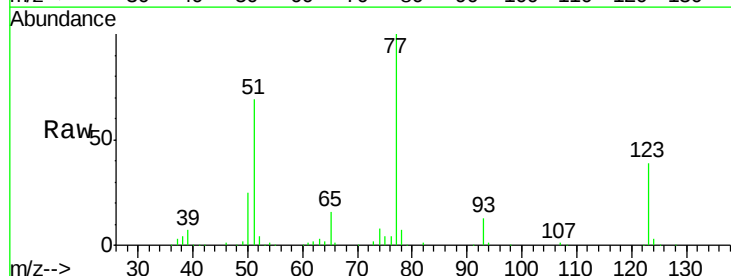
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

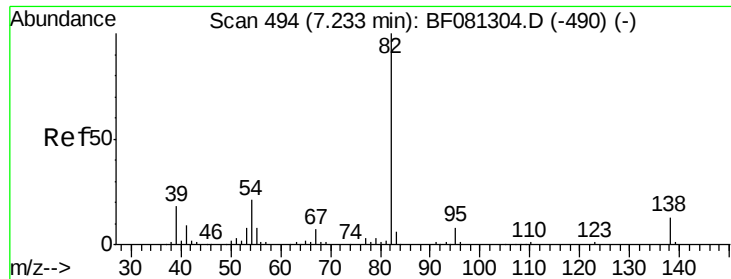
Tot Ion: 82 Resp: 375367
 Ion Ratio Lower Upper
 82 100
 128 36.0 51.0 76.6#
 54 65.9 47.5 71.3



#24
 Nitrobenzene
 Concen: 47.17 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion: 77 Resp: 198481
 Ion Ratio Lower Upper
 77 100
 123 39.3 59.8 89.8#
 65 15.9 10.2 15.4#





#25

Isophorone

Concen: 47.69 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

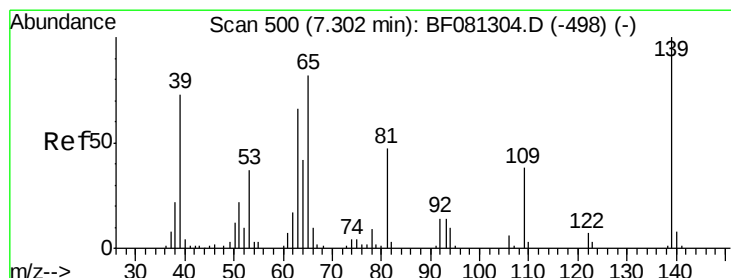
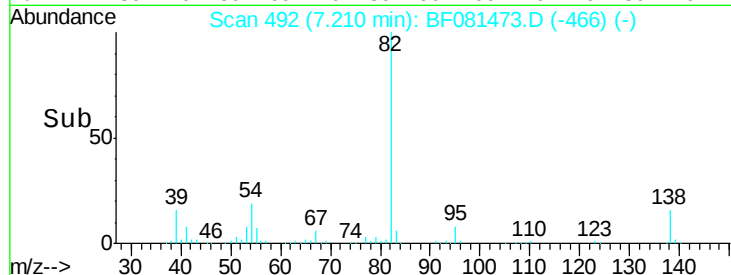
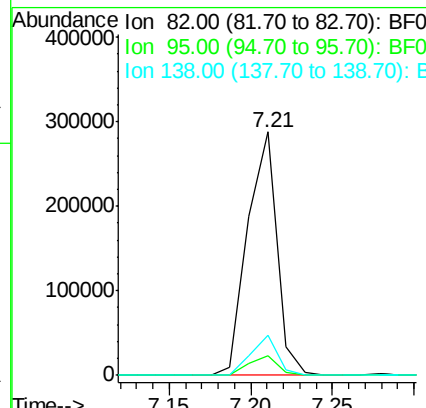
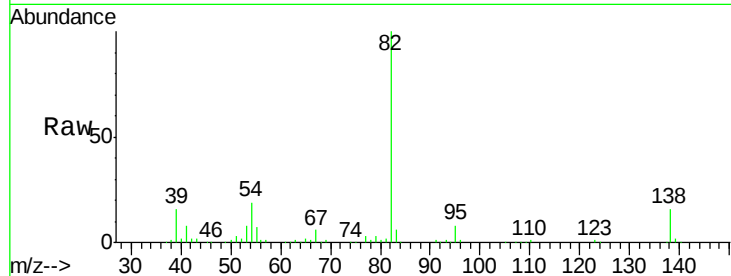
Tot Ion: 82 Resp: 359354

Ion Ratio Lower Upper

82 100

95 8.0 4.0 6.0#

138 16.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 49.82 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

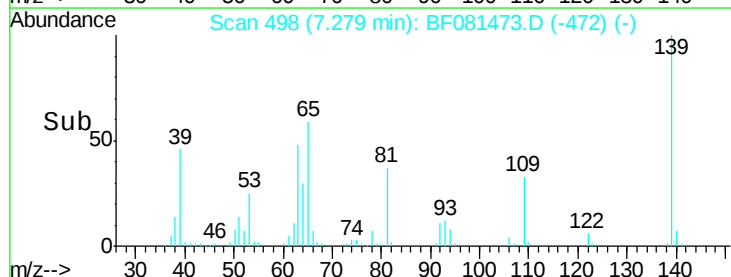
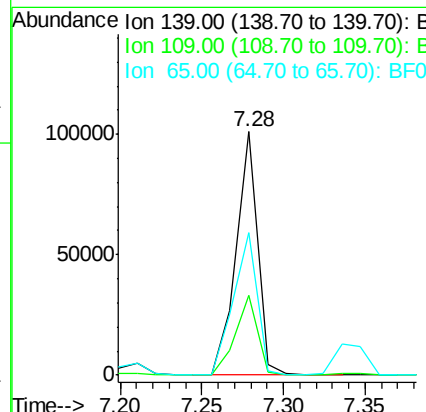
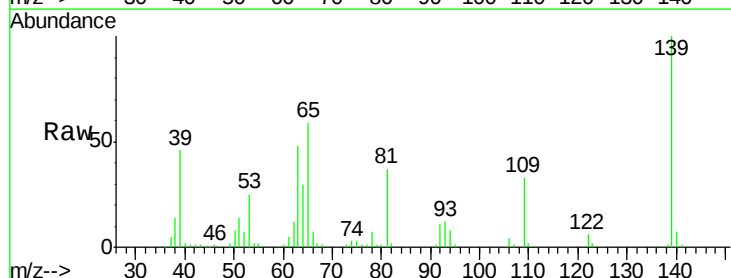
Tgt Ion: 139 Resp: 91358

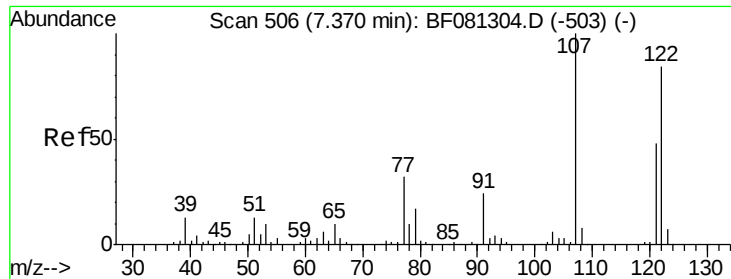
Ion Ratio Lower Upper

139 100

109 32.5 11.0 16.4#

65 58.7 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 48.45 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

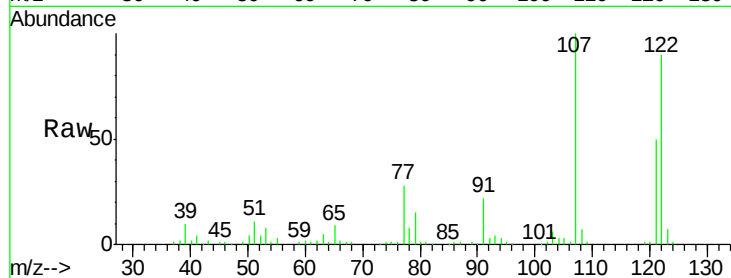
Tot Ion:122 Resp: 153456

Ion Ratio Lower Upper

122 100

107 110.7 71.8 107.6#

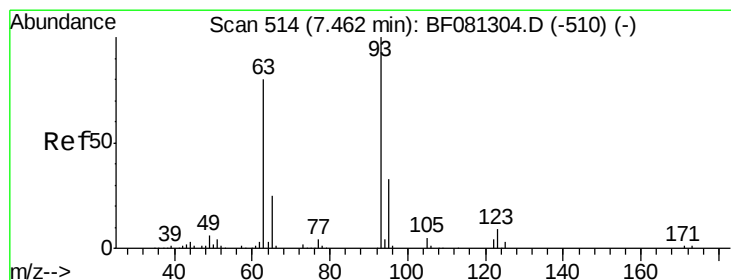
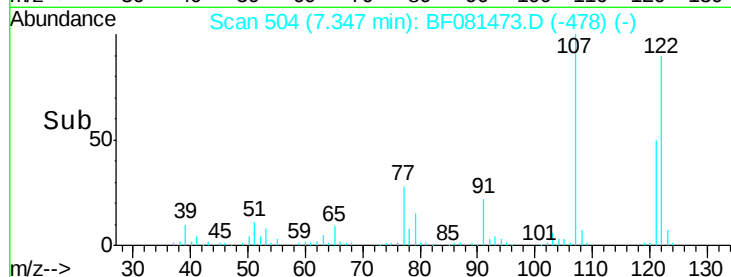
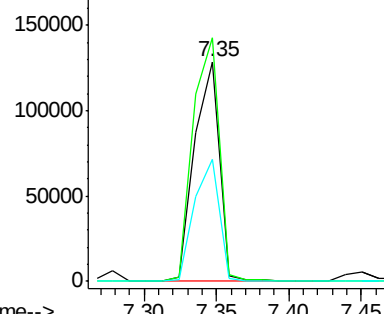
121 55.5 42.3 63.5



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: 44.60 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

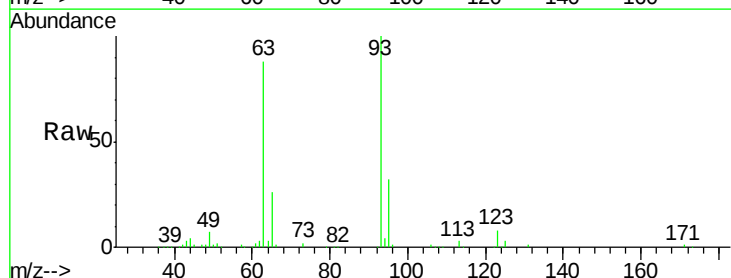
Tgt Ion: 93 Resp: 194161

Ion Ratio Lower Upper

93 100

95 31.9 27.5 41.3

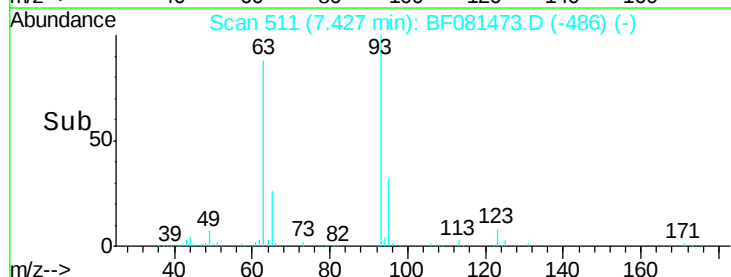
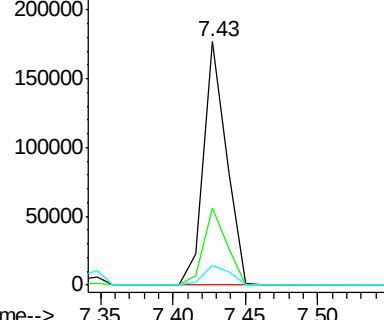
123 8.3 13.7 20.5#

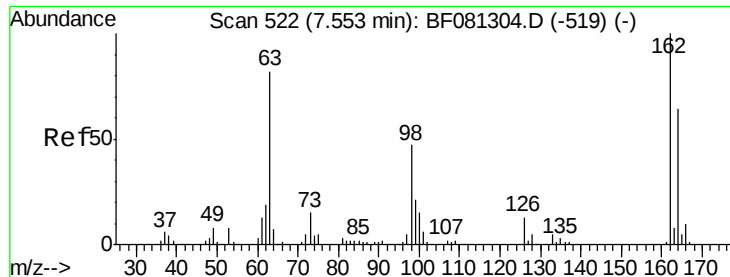


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

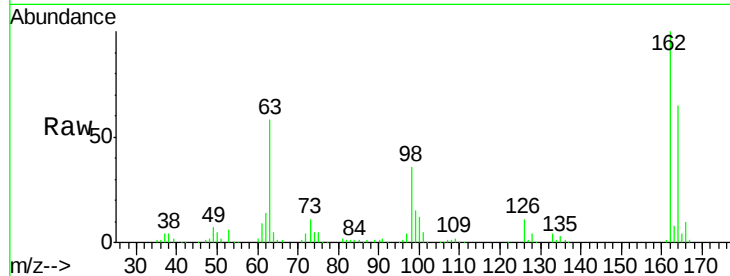




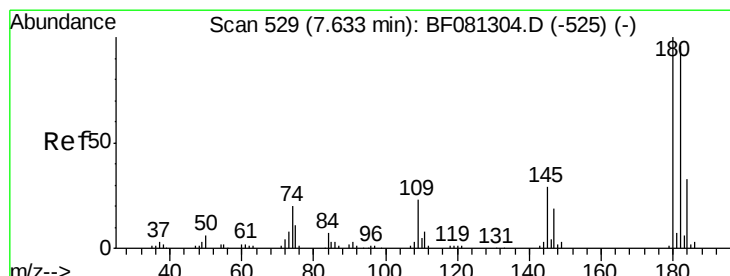
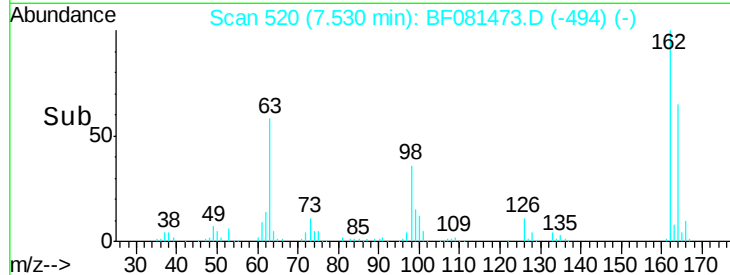
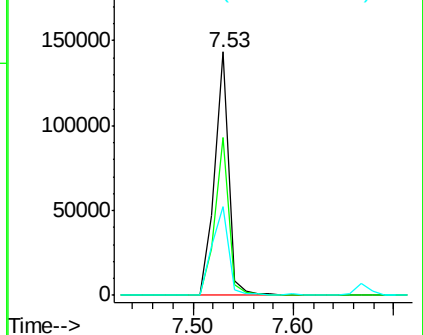
#29
 2,4-Dichlorophenol
 Concen: 51.16 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	36.4	13.0	53.0

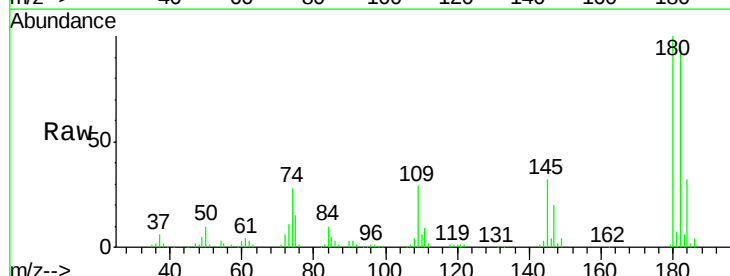


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

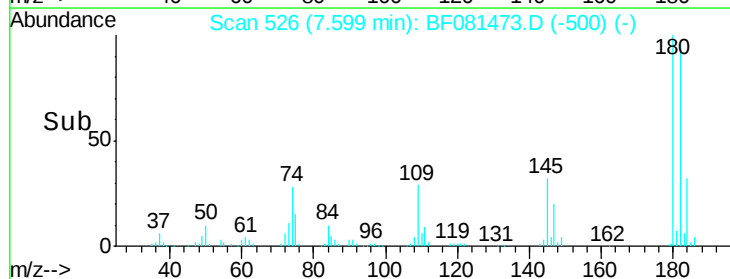
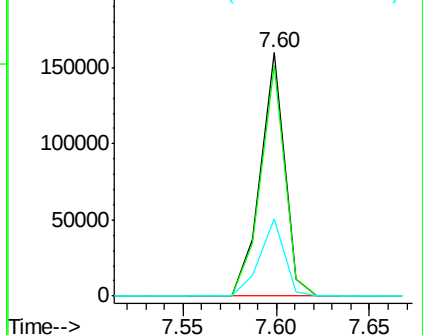


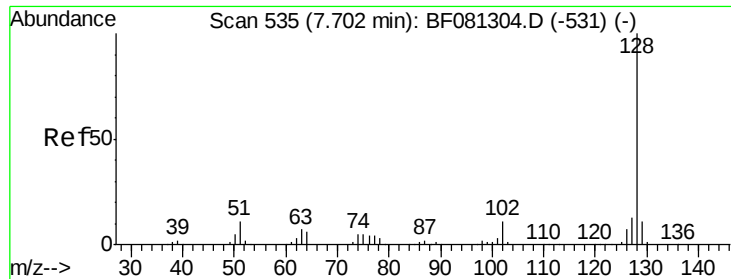
#30
 1,2,4-Trichlorobenzene
 Concen: 47.99 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	31.9	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

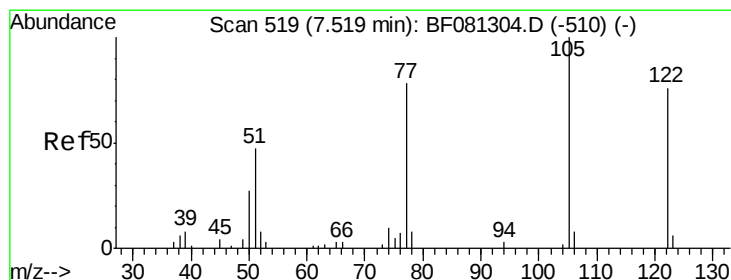
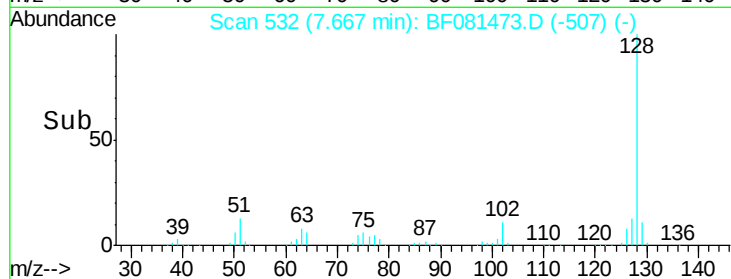
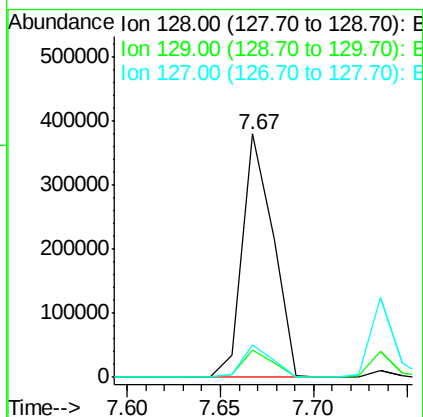
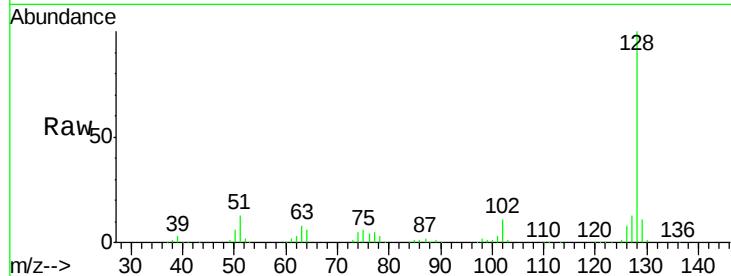




#31
Naphthalene
Concen: 41.69 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

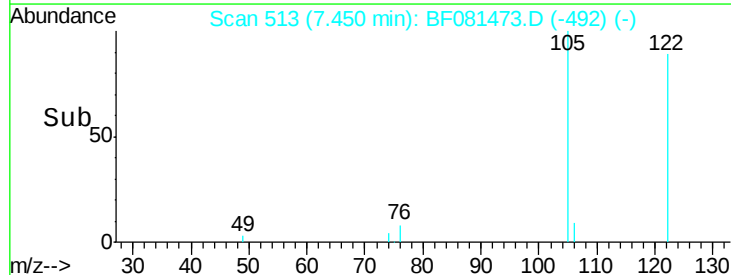
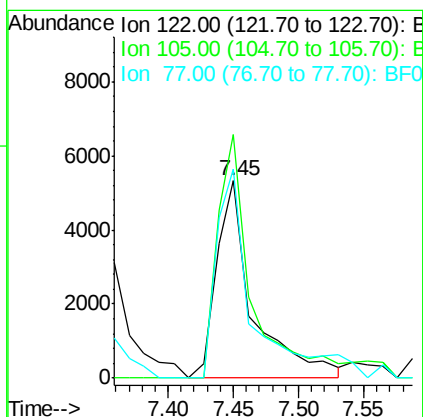
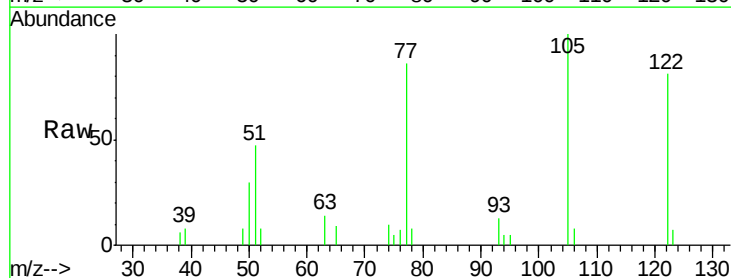
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

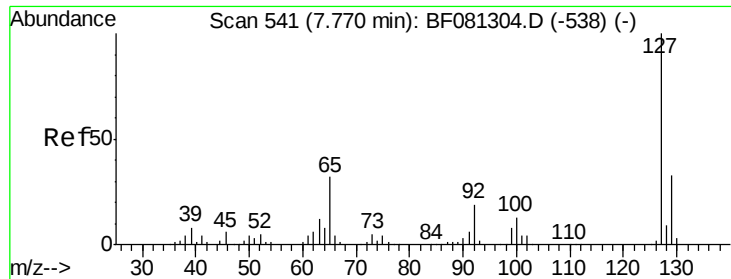
Tot Ion:128 Resp: 434582
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 6.88 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.06 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:122 Resp: 10364
Ion Ratio Lower Upper
122 100
105 123.4 76.1 116.1#
77 106.0 40.5 80.5#

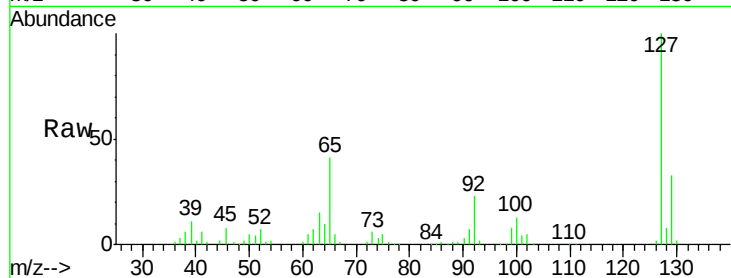




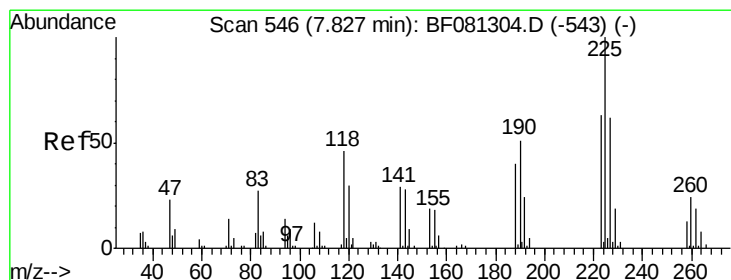
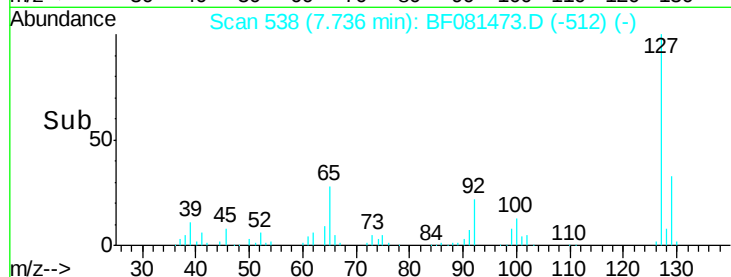
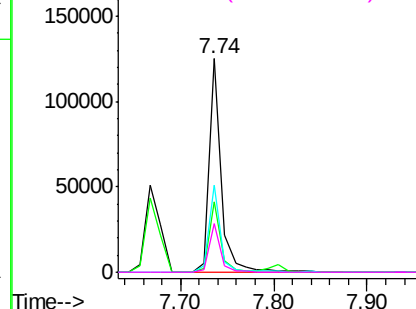
#33
4-Chloroaniline
Concen: 26.70 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tot Ion:127 Resp: 113538
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.6
65 40.8 17.9 26.9#
92 22.6 10.5 15.7#

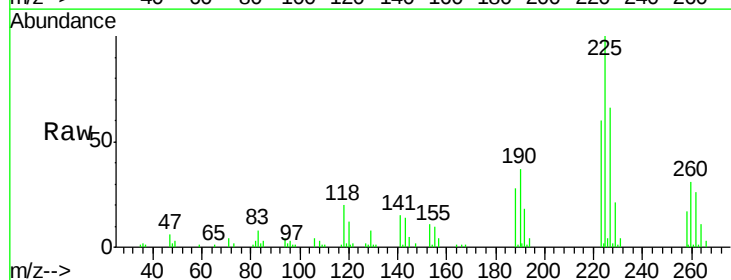


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

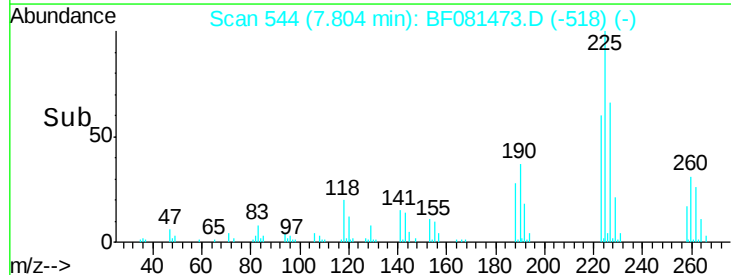
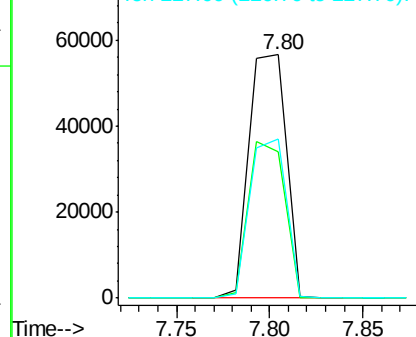


#34
Hexachlorobutadiene
Concen: 43.34 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:225 Resp: 78706
Ion Ratio Lower Upper
225 100
223 60.2 50.2 75.2
227 65.5 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

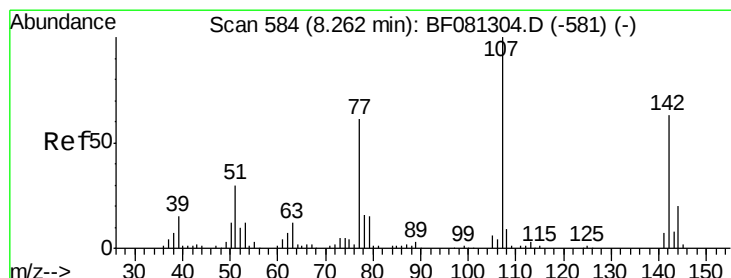
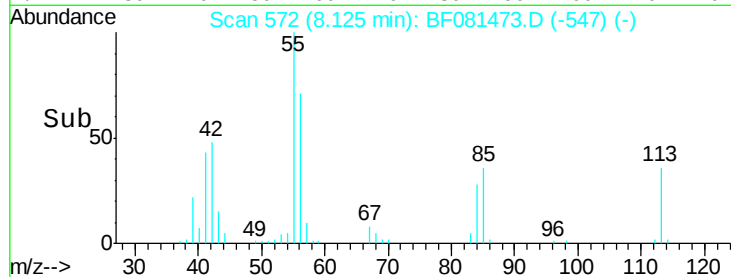
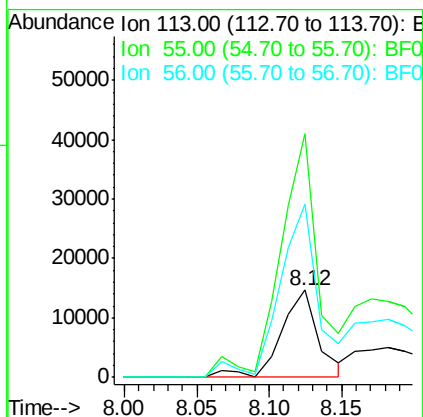
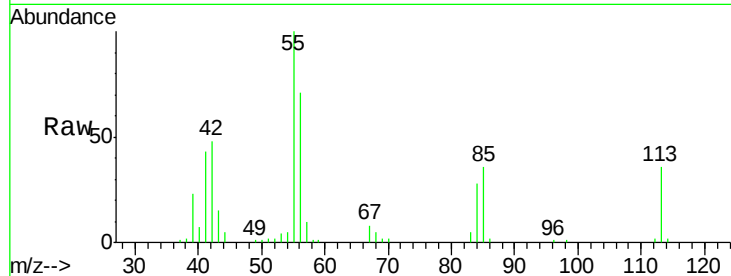




#35
 Caprolactam
 Concen: 30.50 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

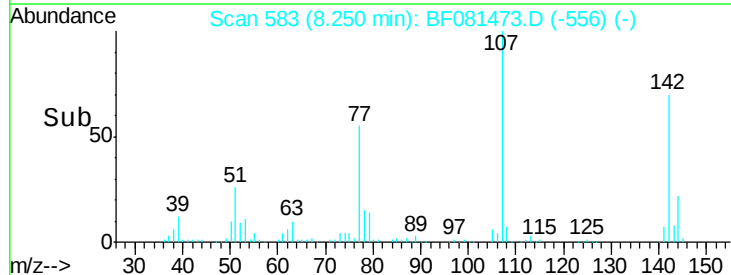
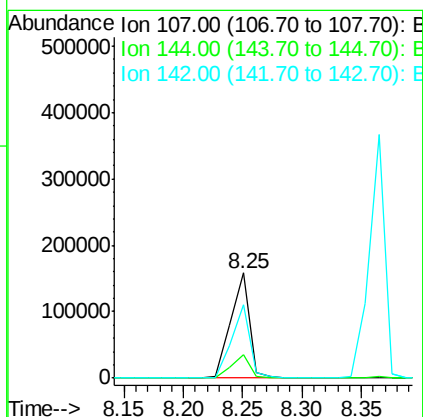
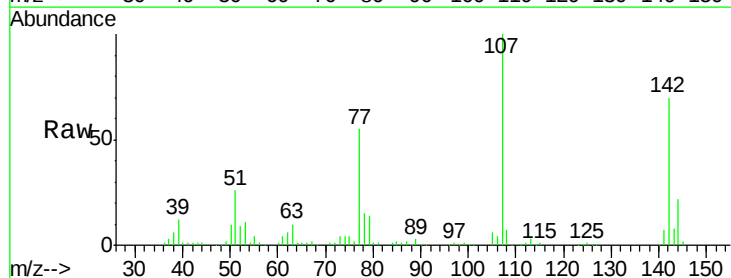
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

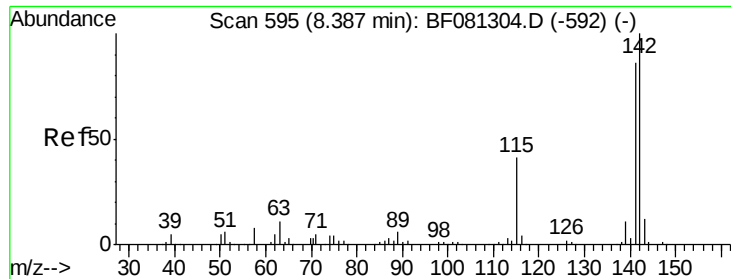
Tot Ion:113 Resp: 25693
 Ion Ratio Lower Upper
 113 100
 55 279.2 152.4 192.4#
 56 198.4 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 56.80 ng
 RT: 8.25 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:107 Resp: 174634
 Ion Ratio Lower Upper
 107 100
 144 22.4 25.4 38.0#
 142 69.7 77.3 115.9#

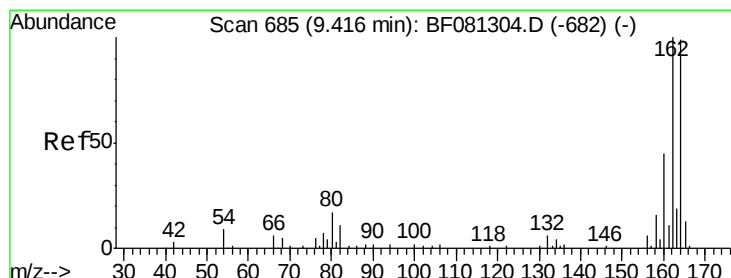
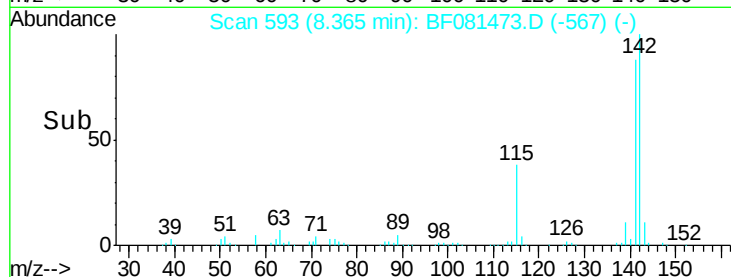
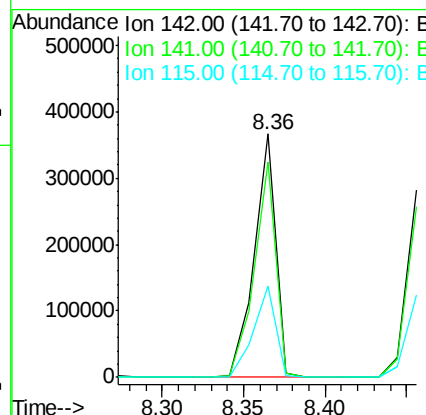
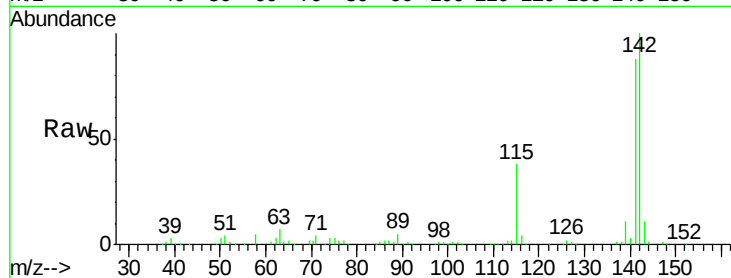




#37
 2-Methylnaphthalene
 Concen: 49.46 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

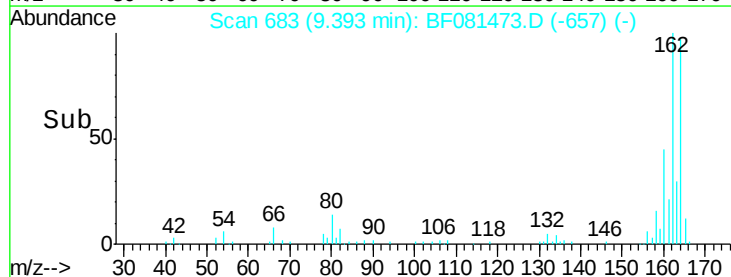
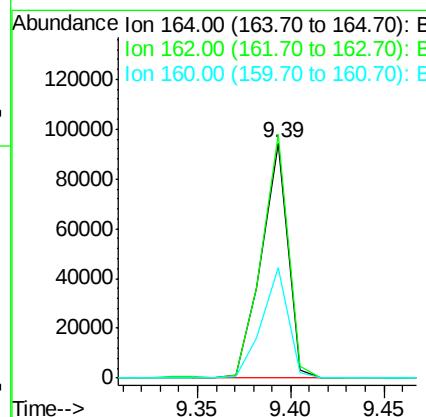
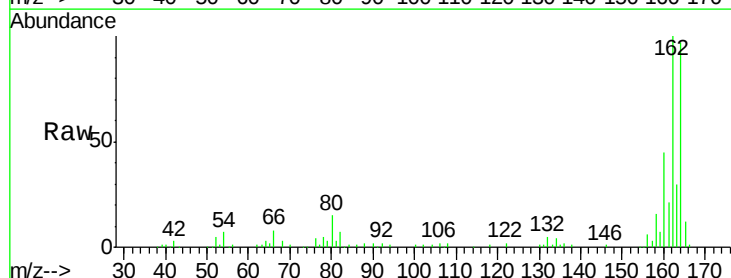
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion:142 Resp: 335574
 Ion Ratio Lower Upper
 142 100
 141 88.3 67.5 101.3
 115 37.7 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:164 Resp: 92733
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 46.7 31.5 47.3

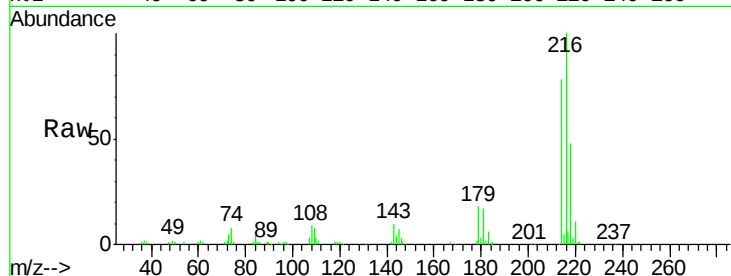




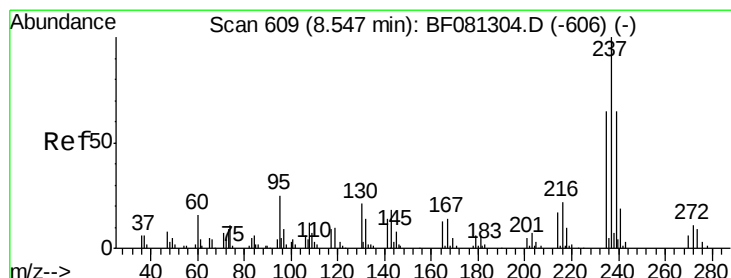
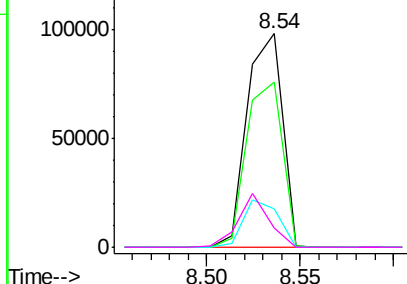
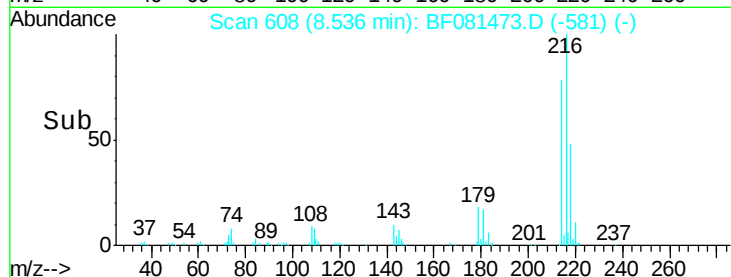
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.03 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion:216	Resp:	129128
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.5 95.3
179	21.9	16.6 24.8
108	21.9	16.3 24.5

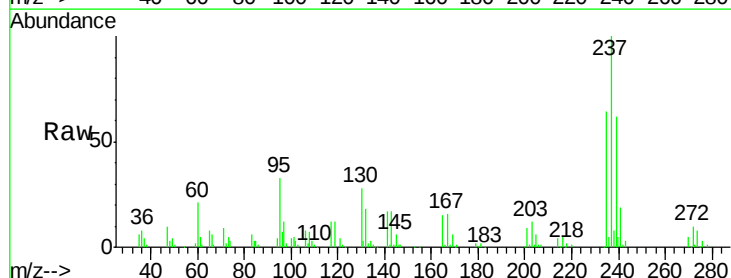


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

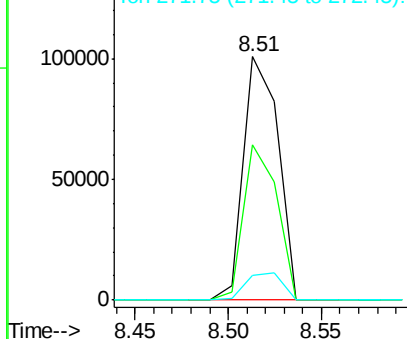
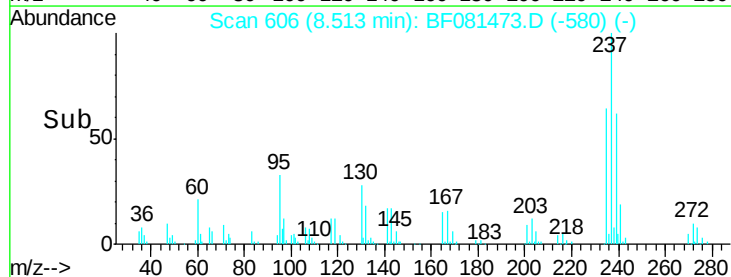


#40
 Hexachlorocyclopentadiene
 Concen: 90.30 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:237	Resp:	129968
Ion Ratio	Lower	Upper
237	100	
235	63.9	42.0 82.0
272	10.2	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

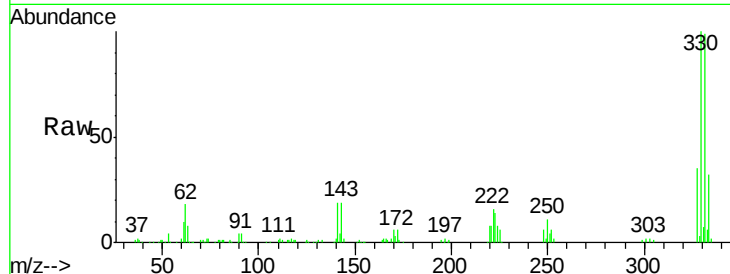




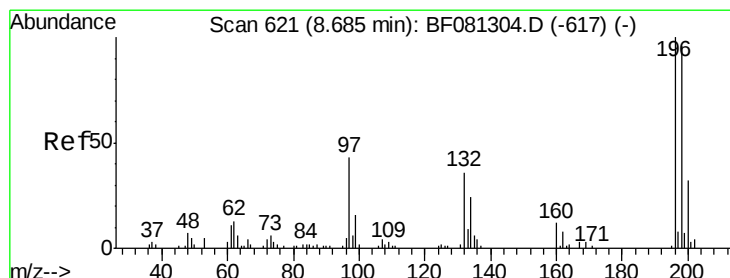
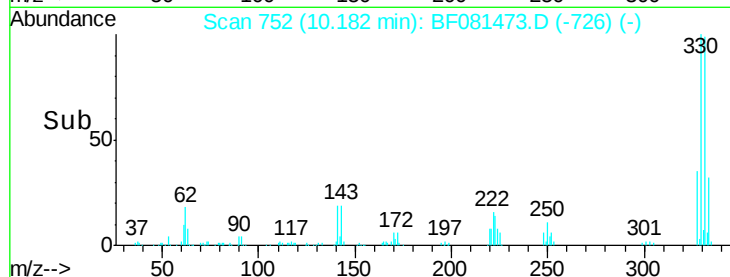
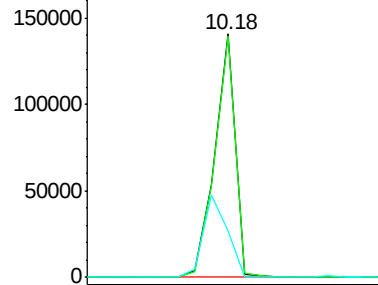
#41
 2,4,6-Tribromophenol
 Concen: 167.52 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	39.7	29.7	44.5

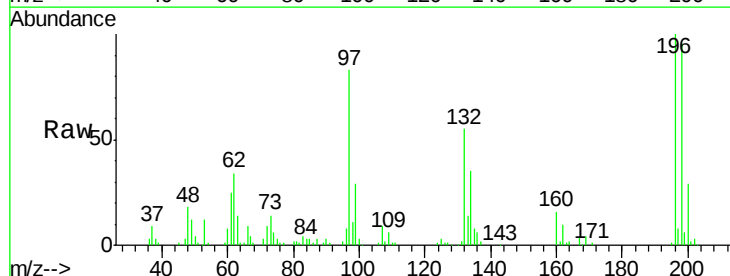


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

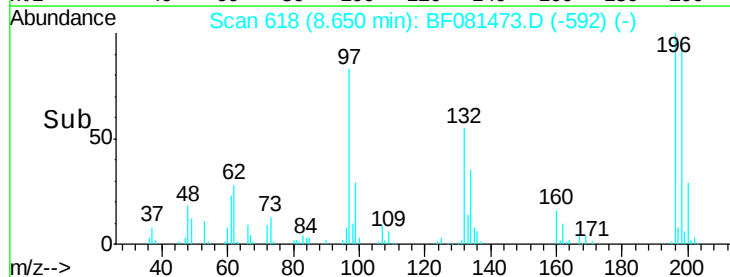
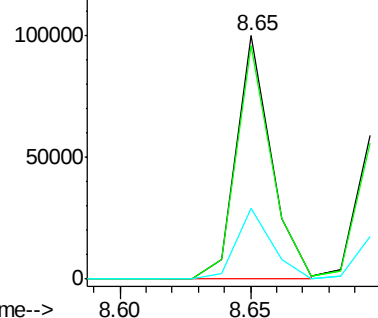


#42
 2,4,6-Trichlorophenol
 Concen: 45.51 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	29.1	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

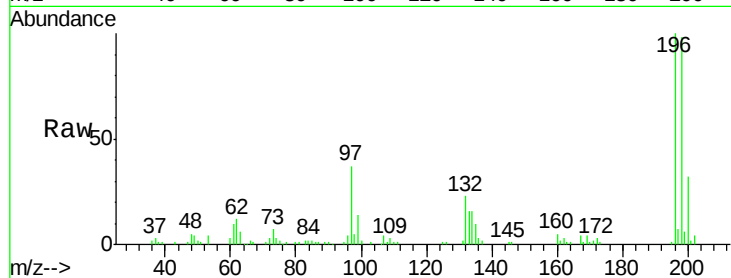




#43
 2,4,5-Trichlorophenol
 Concen: 47.67 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.4	113.0
97	37.2	33.3	49.9
132	23.1	24.6	37.0



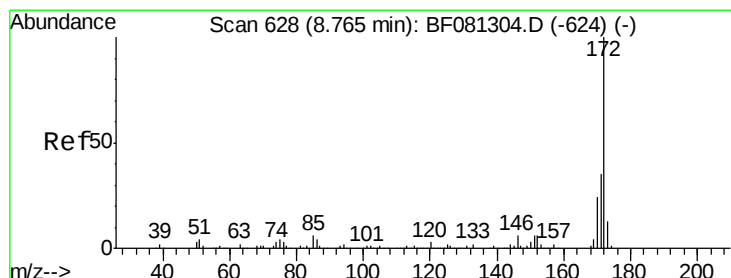
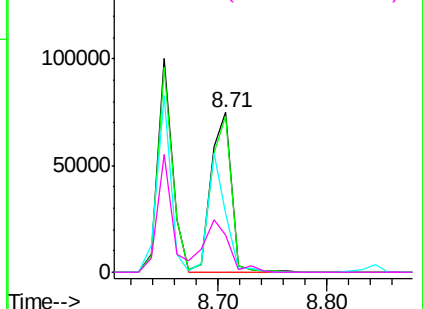
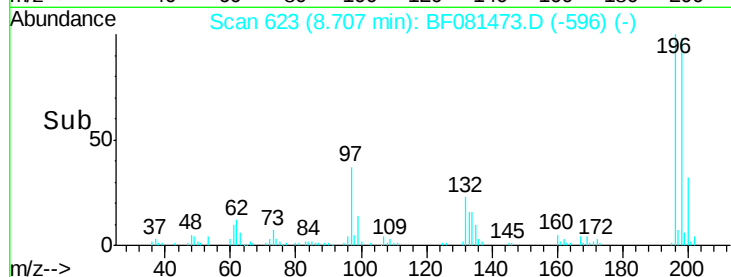
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

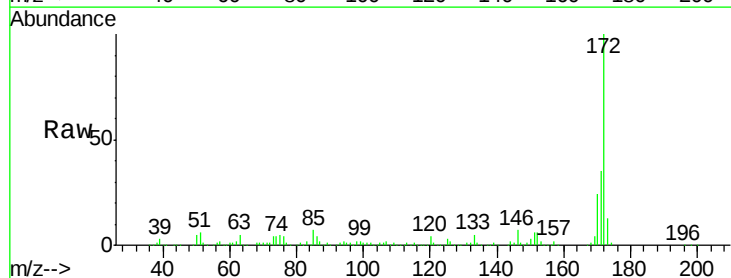
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.85 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.8	17.4	26.2

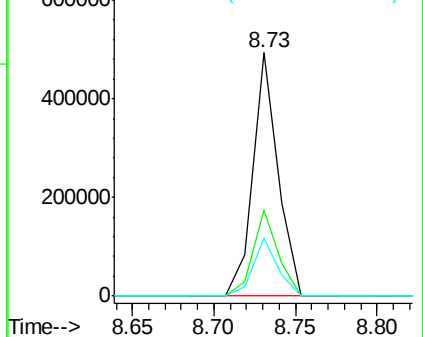
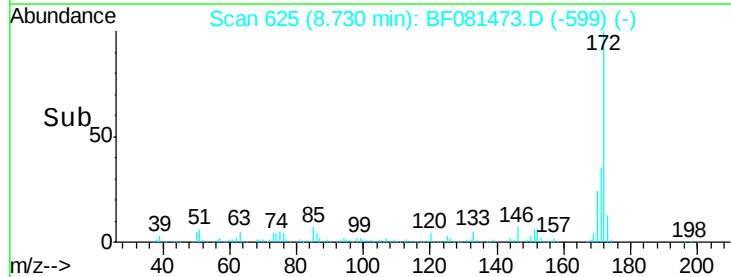


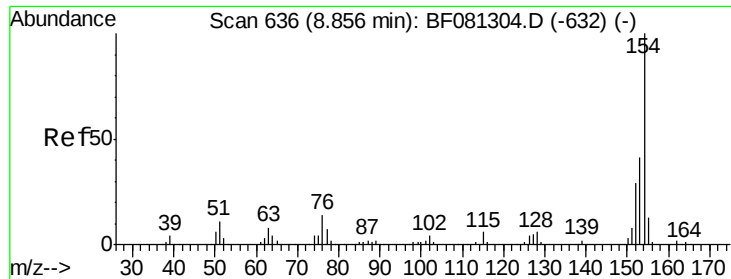
Abundance

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: 44.95 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

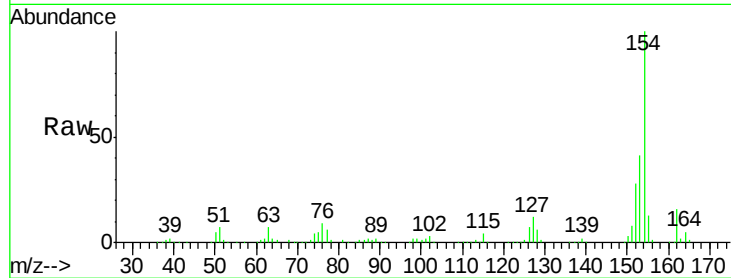
Tot Ion:154 Resp: 383449

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

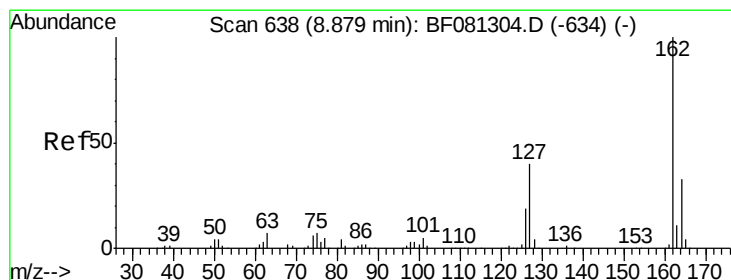
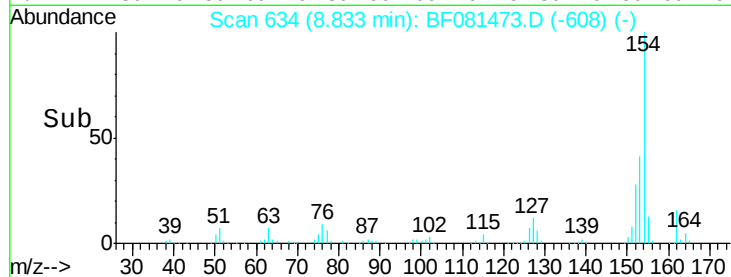
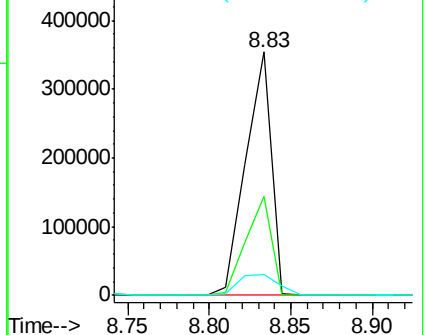
76 8.6 0.0 31.6



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: 45.49 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

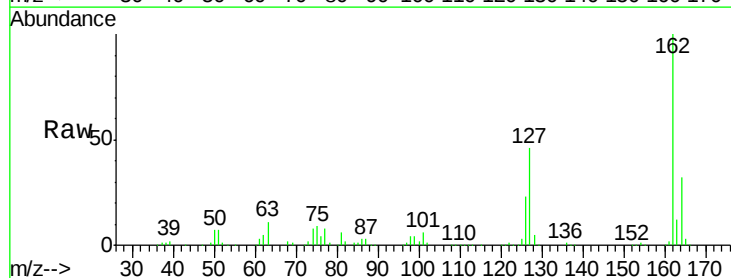
Tgt Ion:162 Resp: 280283

Ion Ratio Lower Upper

162 100

127 46.1 27.6 41.4#

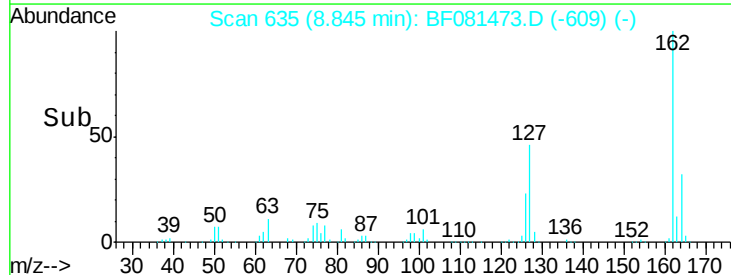
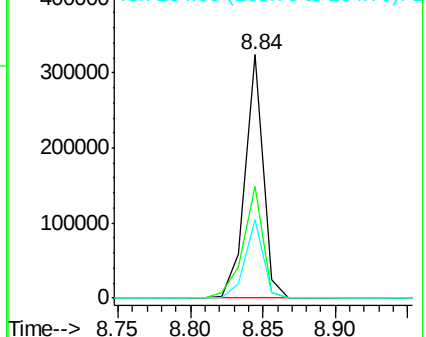
164 32.2 25.4 38.2



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

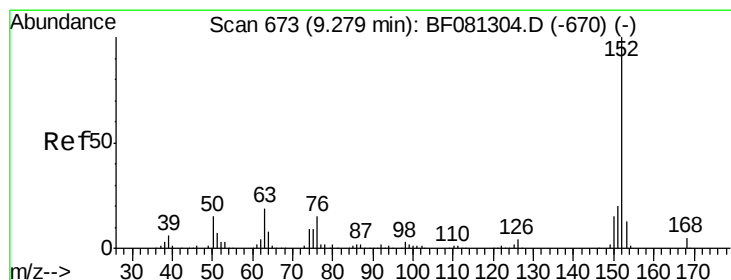
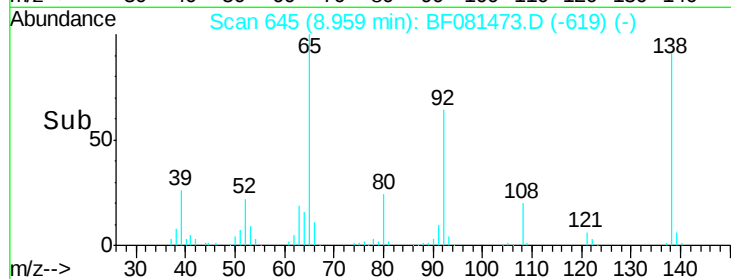
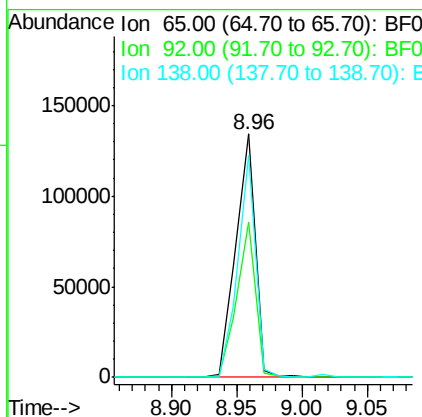
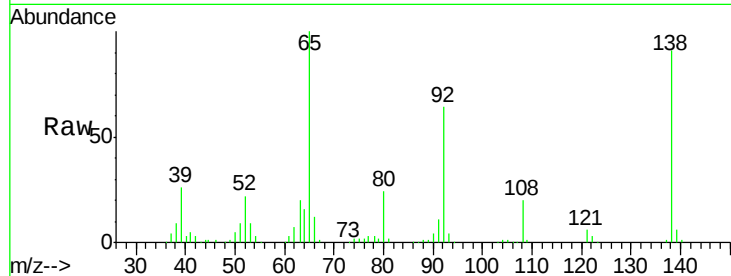




#47
2-Nitroaniline
Concen: 55.47 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

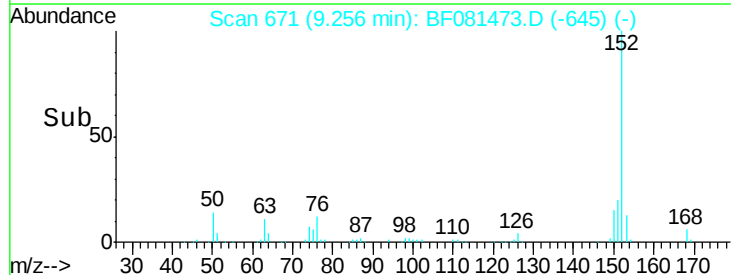
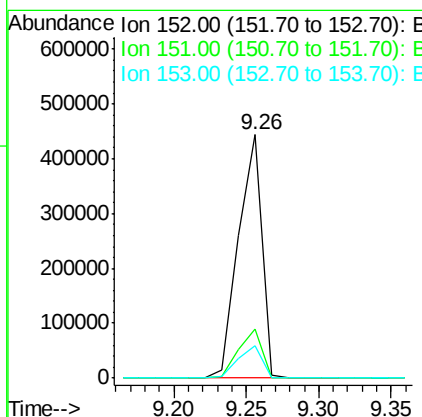
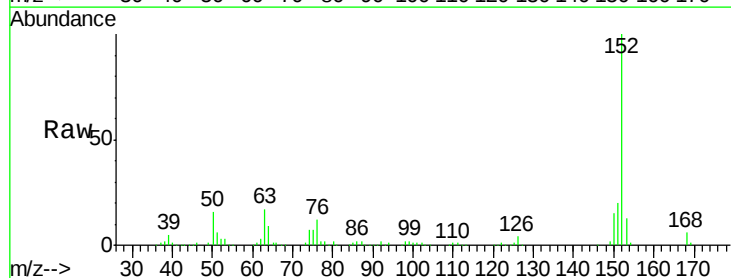
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

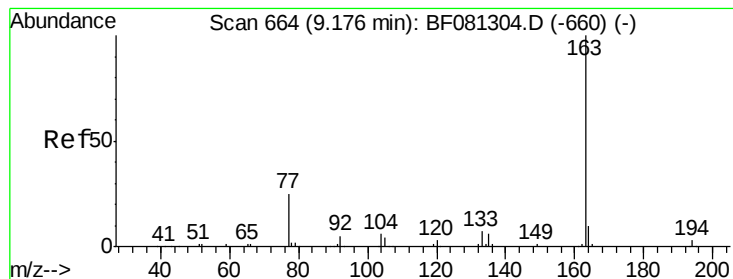
Tot Ion: 65 Resp: 139280
Ion Ratio Lower Upper
65 100
92 63.9 55.4 83.0
138 91.2 115.5 173.3#



#48
Acenaphthylene
Concen: 45.40 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion: 152 Resp: 496212
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.2 10.3 15.5





#49

Dimethylphthalate

Concen: 76.43 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

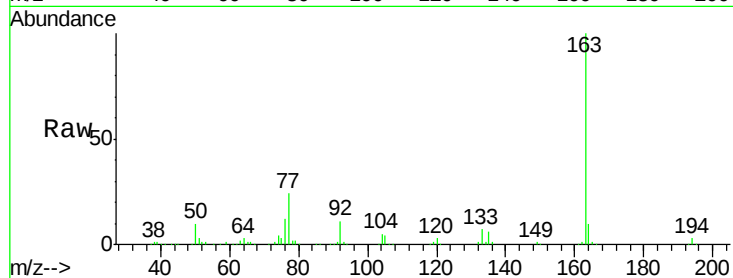
Tot Ion:163 Resp: 550638

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

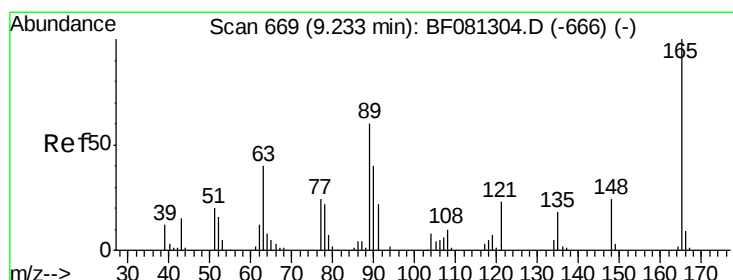
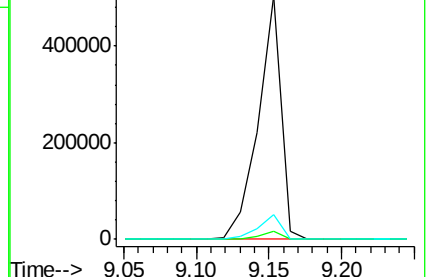
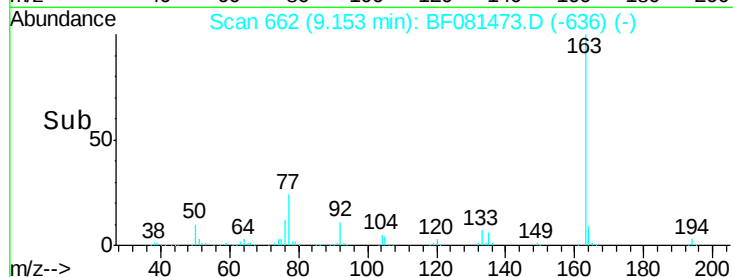
164 10.1 8.3 12.5



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: 48.58 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

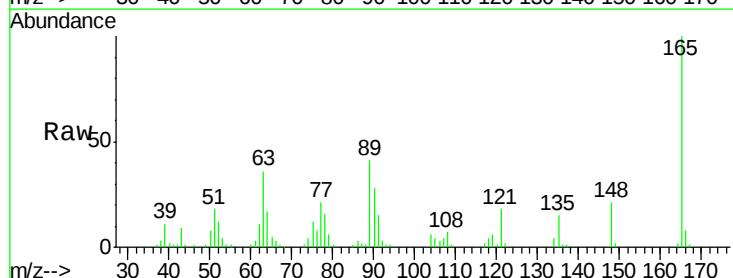
Tgt Ion:165 Resp: 79448

Ion Ratio Lower Upper

165 100

63 36.1 32.3 48.5

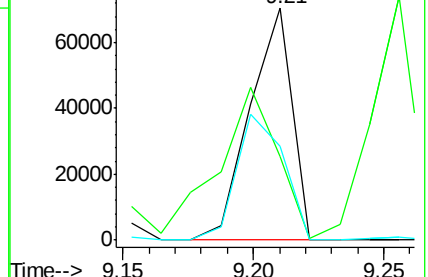
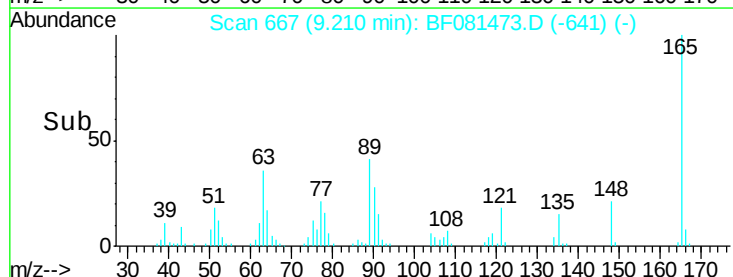
89 40.5 28.6 43.0

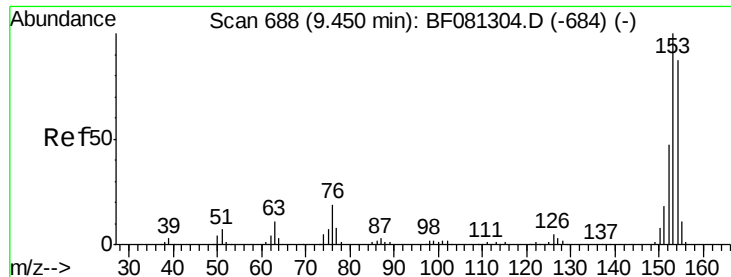


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.44 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

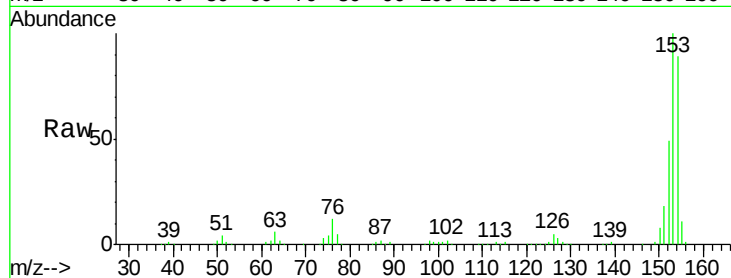
Tot Ion:154 Resp: 301186

Ion Ratio Lower Upper

154 100

153 112.1 82.1 123.1

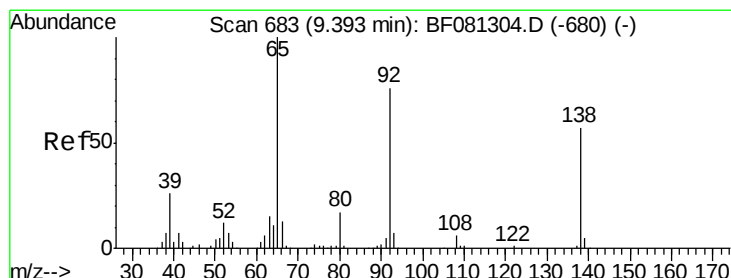
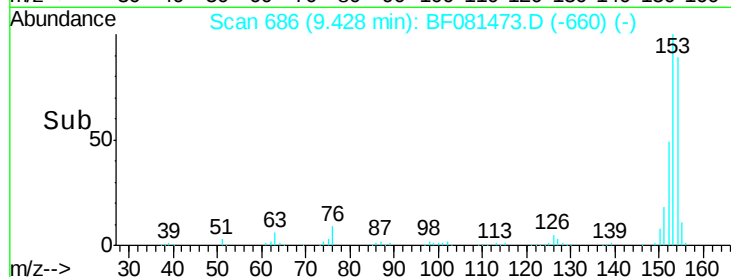
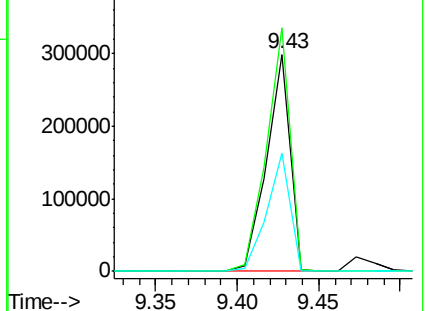
152 54.4 37.9 56.9



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: 39.15 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

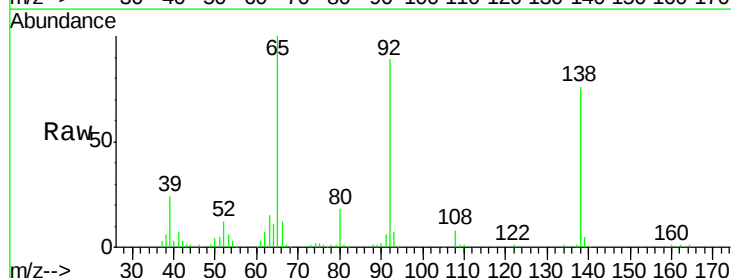
Tgt Ion:138 Resp: 72887

Ion Ratio Lower Upper

138 100

108 10.0 5.7 8.5#

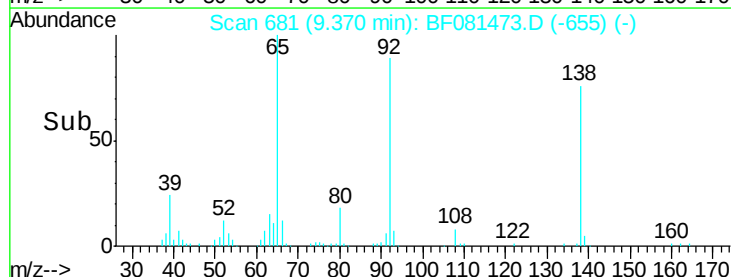
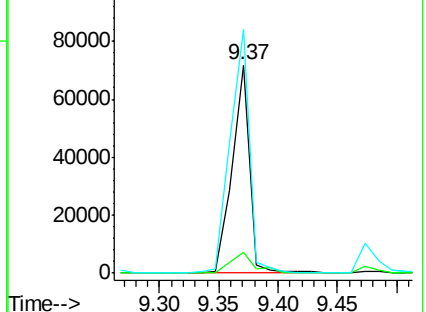
92 117.0 67.7 101.5#

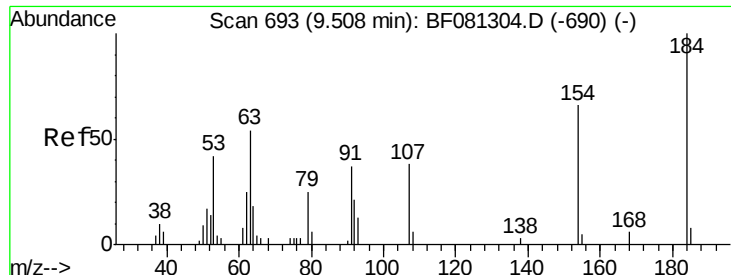


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

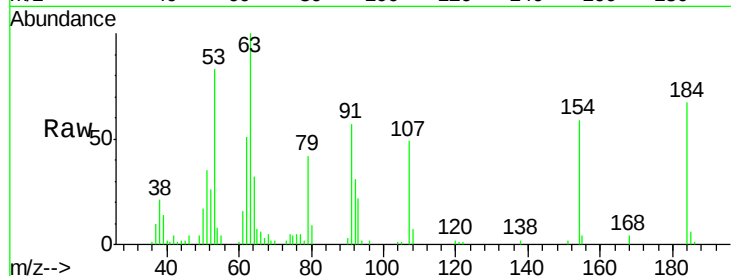




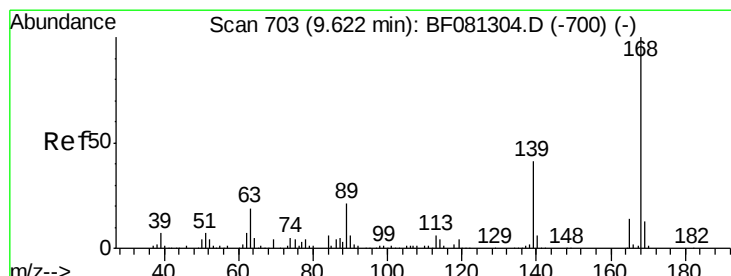
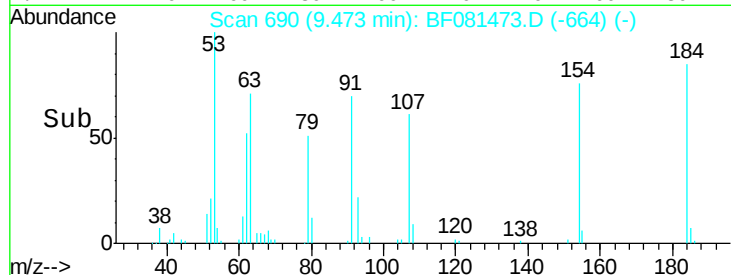
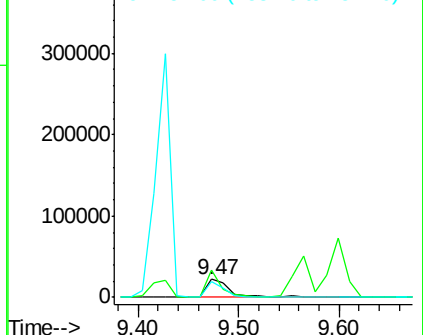
#53
2,4-Dinitrophenol
Concen: 51.97 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tot Ion:184 Resp: 35795
Ion Ratio Lower Upper
184 100
63 149.9 35.4 53.2#
154 88.7 32.2 48.4#

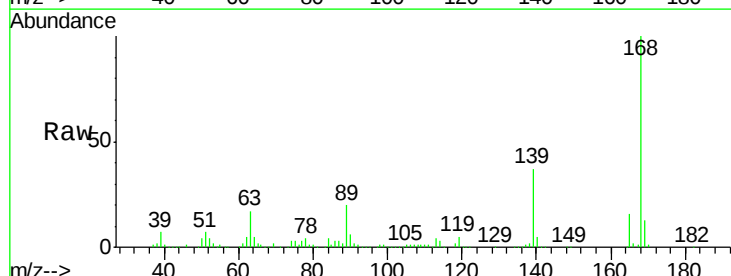


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

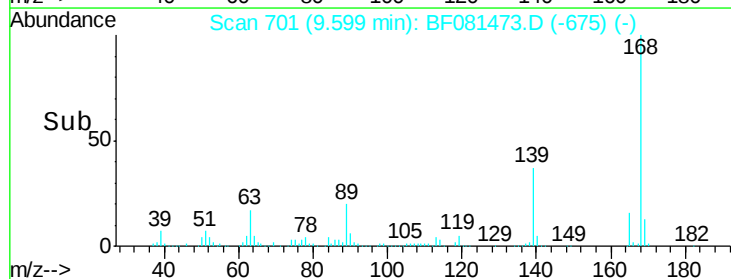
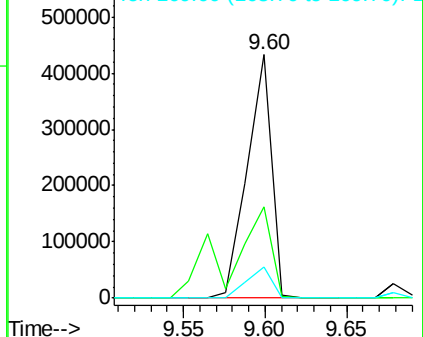


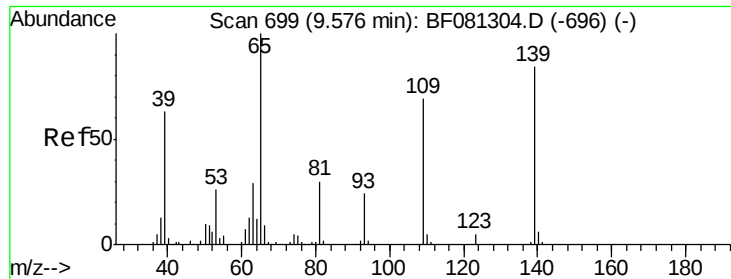
#54
Dibenzofuran
Concen: 49.20 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:168 Resp: 446683
Ion Ratio Lower Upper
168 100
139 37.4 24.2 36.2#
169 12.9 10.6 15.8



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

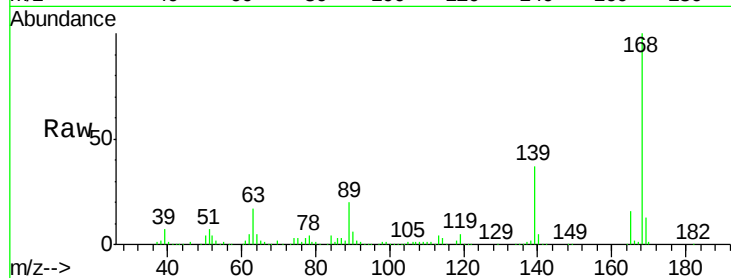




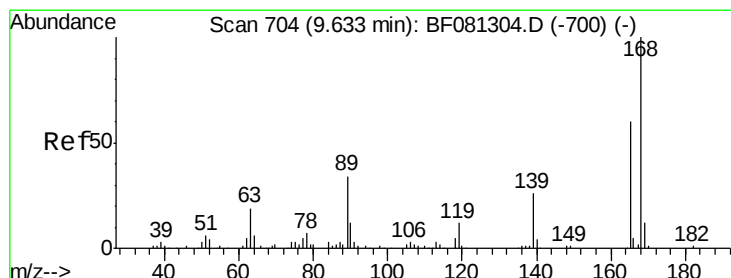
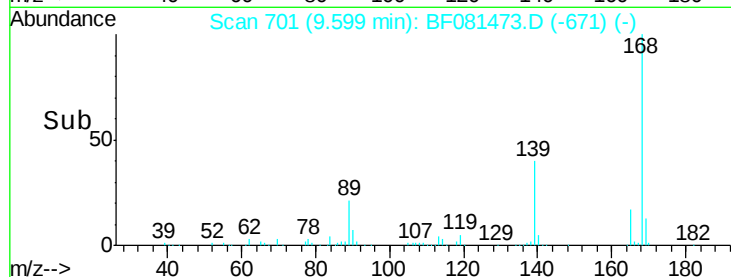
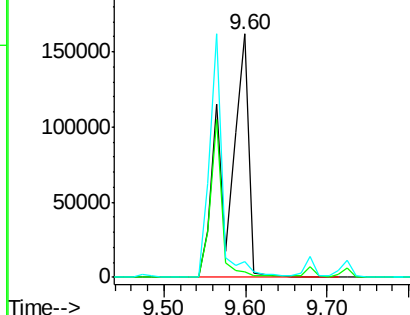
#55
4-Nitrophenol
Concen: 251.90 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.05 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tot Ion:139 Resp: 294611
Ion Ratio Lower Upper
139 100
109 2.2 12.7 52.7#
65 6.5 45.9 85.9#



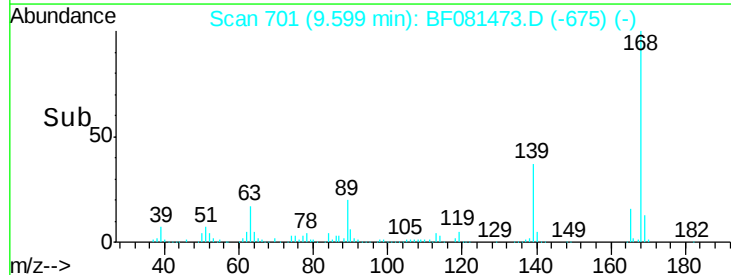
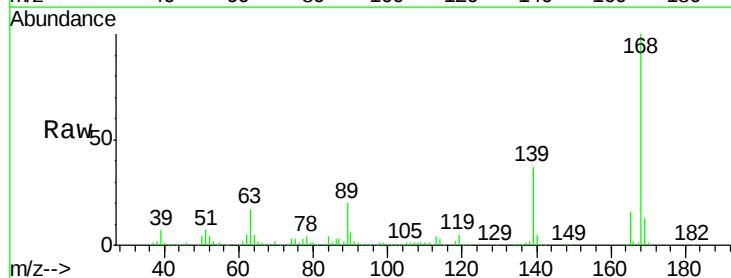
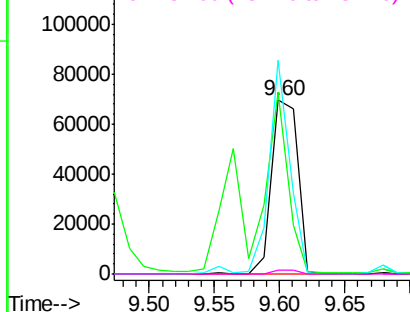
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

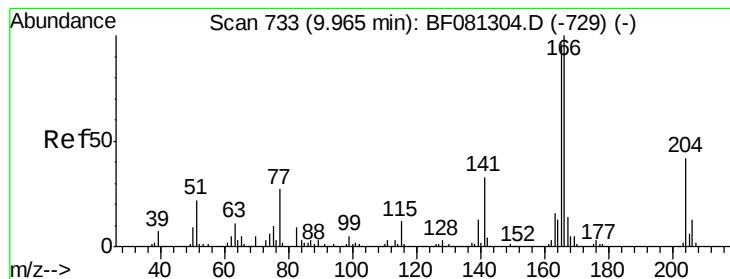


#56
2,4-Dinitrotoluene
Concen: 47.39 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:165 Resp: 98676
Ion Ratio Lower Upper
165 100
63 104.1 29.8 44.6#
89 122.7 44.5 66.7#
182 2.1 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: 45.40 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

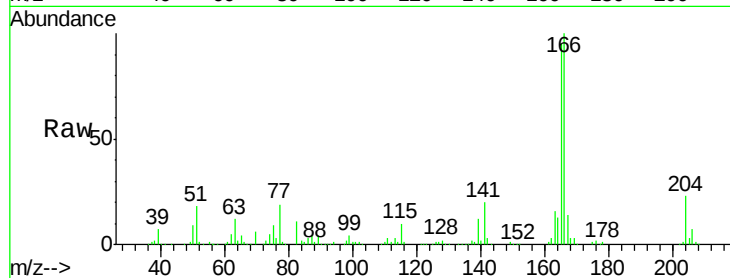
Tot Ion:166 Resp: 312836

Ion Ratio Lower Upper

166 100

165 95.4 72.6 109.0

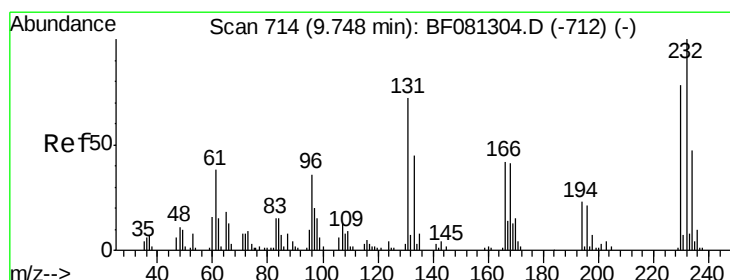
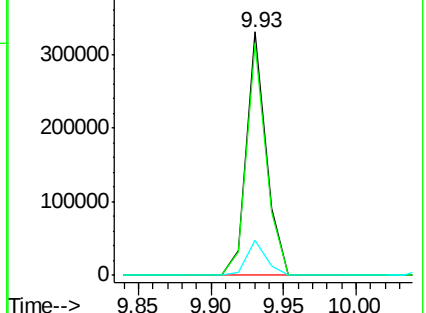
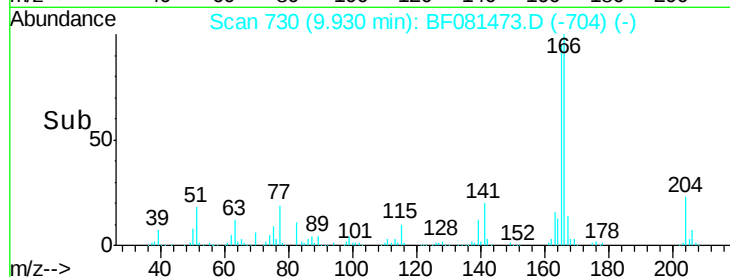
167 14.2 10.6 16.0



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: 48.59 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Tgt Ion:232 Resp: 76600

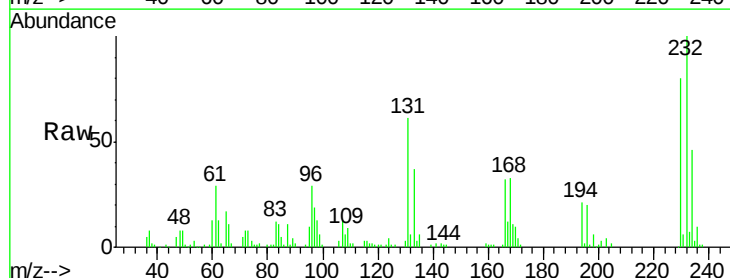
Ion Ratio Lower Upper

232 100

131 53.6 38.5 57.7

130 2.5 1.8 2.6

166 28.7 25.0 37.6

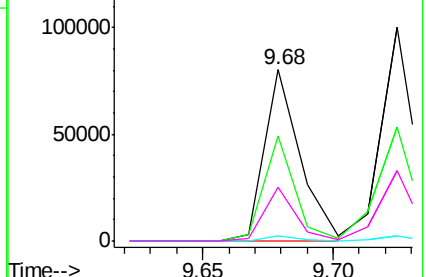
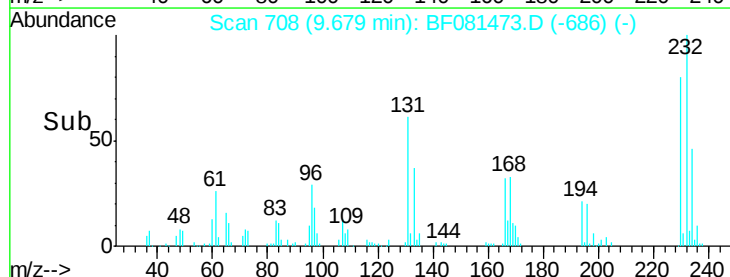


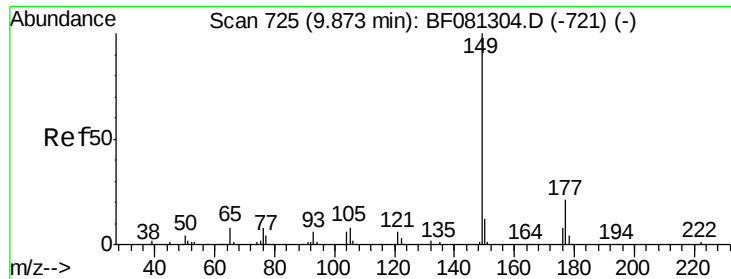
Abundance Ion 232.00 (231.70 to 232.70): E

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

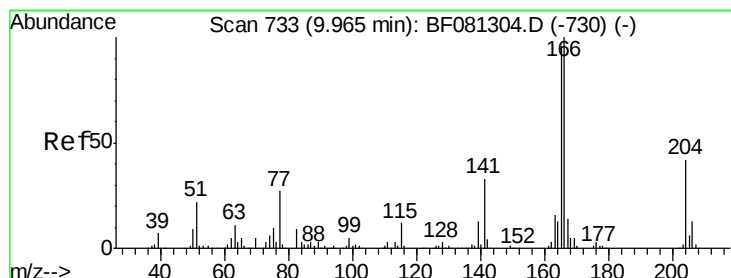
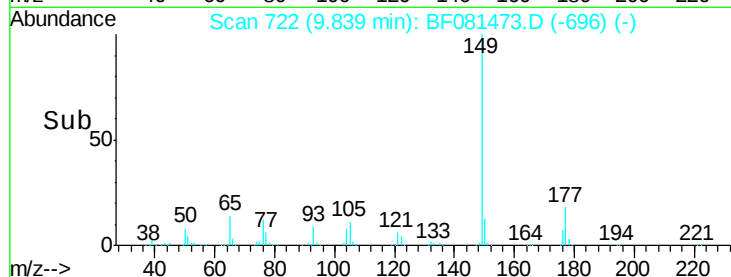
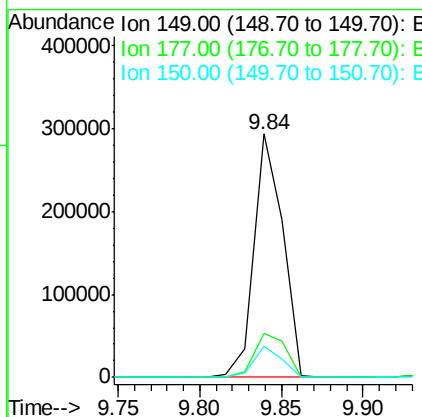
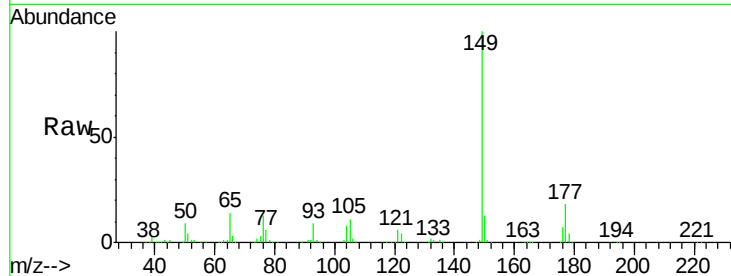




#59
Diethylphthalate
Concen: 47.44 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

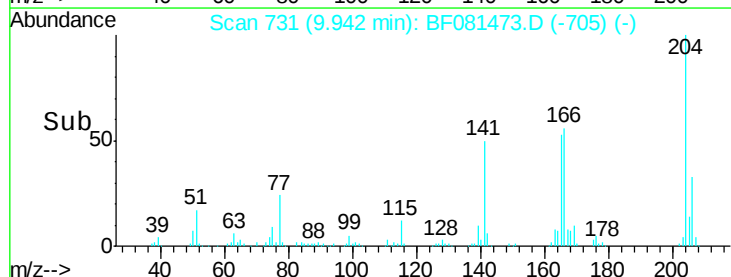
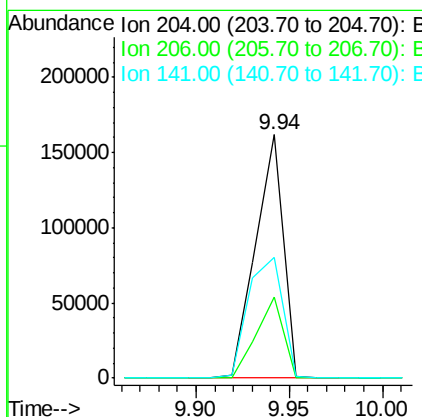
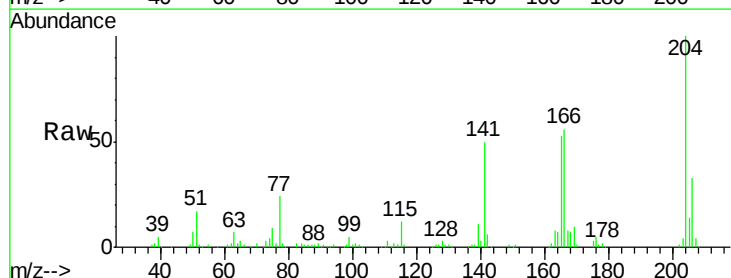
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tot Ion:149 Resp: 359513
Ion Ratio Lower Upper
149 100
177 18.2 17.5 26.3
150 12.5 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 51.67 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:204 Resp: 165931
Ion Ratio Lower Upper
204 100
206 33.4 24.8 37.2
141 49.6 42.2 63.4

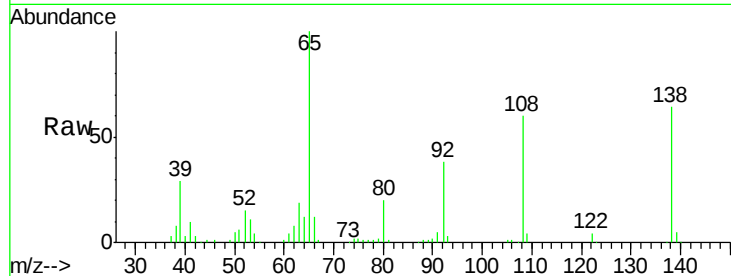




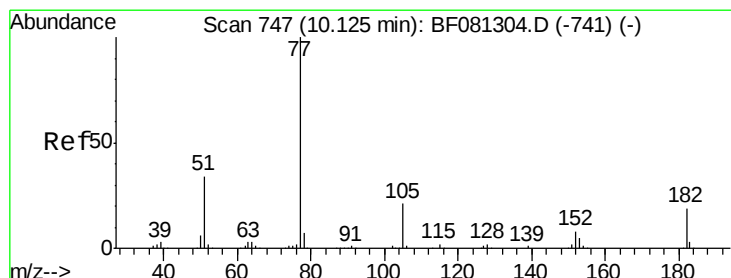
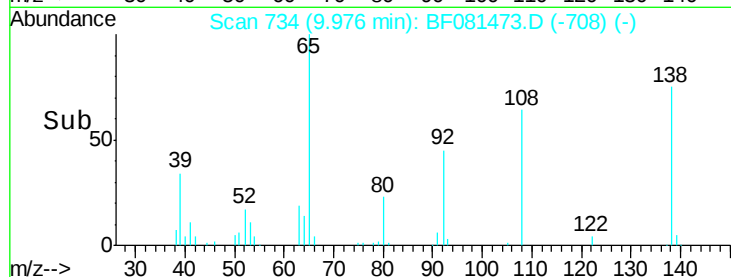
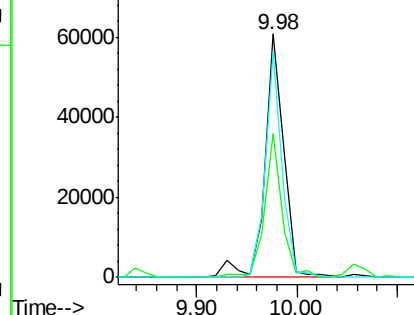
#61
4-Nitroaniline
Concen: 42.22 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Tot Ion:138 Resp: 79414
Ion Ratio Lower Upper
138 100
92 59.2 12.6 52.6#
108 92.7 12.4 52.4#

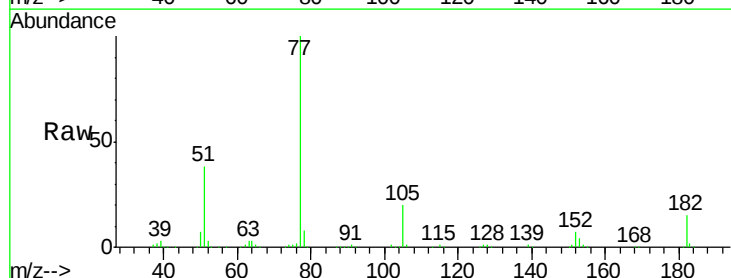


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

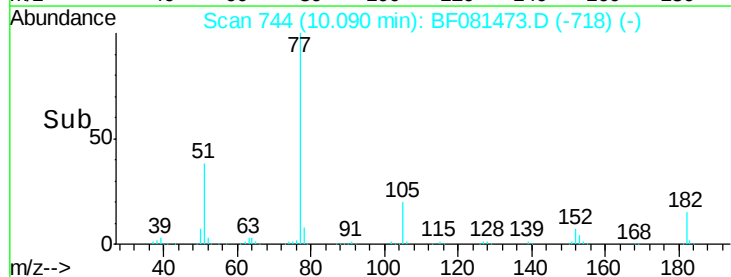
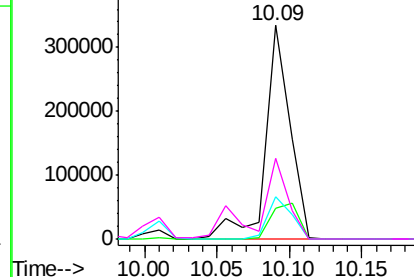


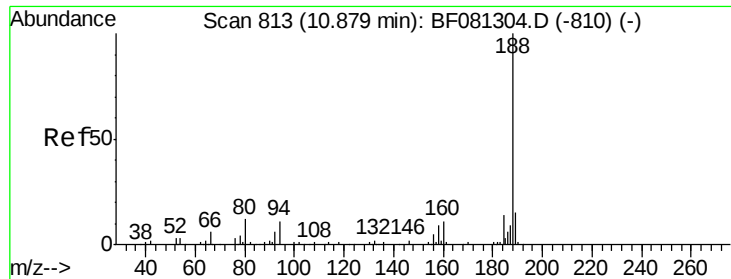
#62
Azobenzene
Concen: 46.57 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion: 77 Resp: 392377
Ion Ratio Lower Upper
77 100
182 14.5 15.1 55.1#
105 20.0 3.4 43.4
51 38.0 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

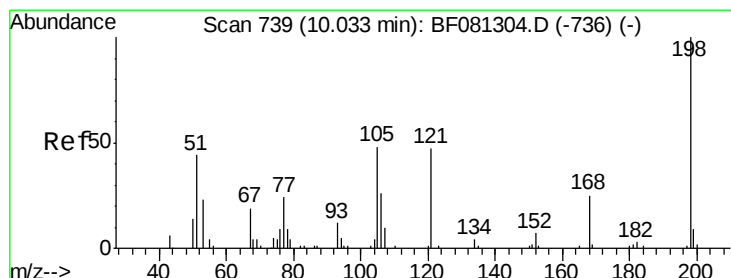
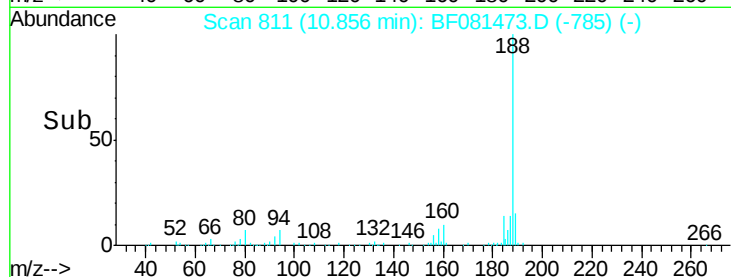
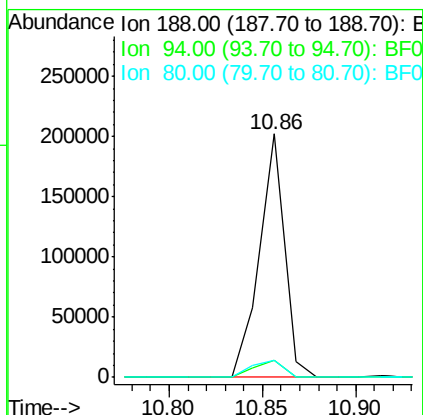
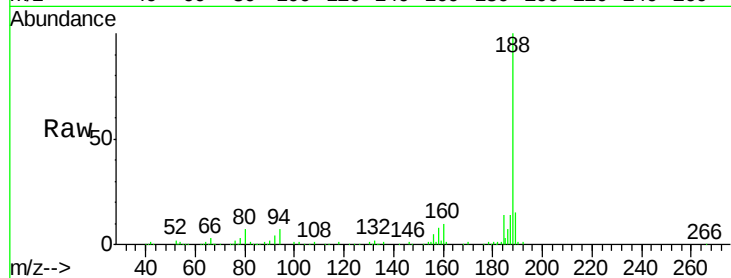




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

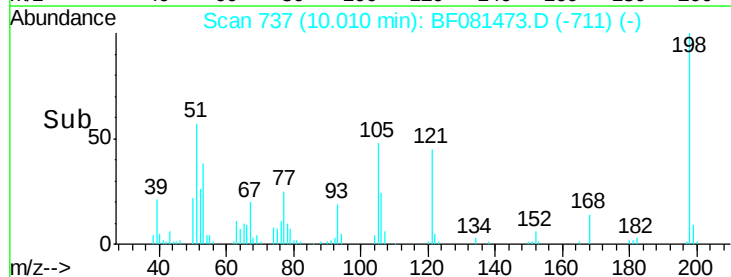
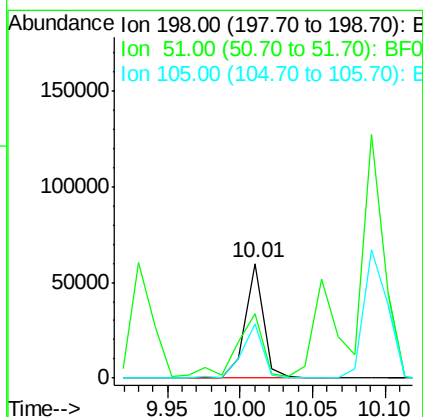
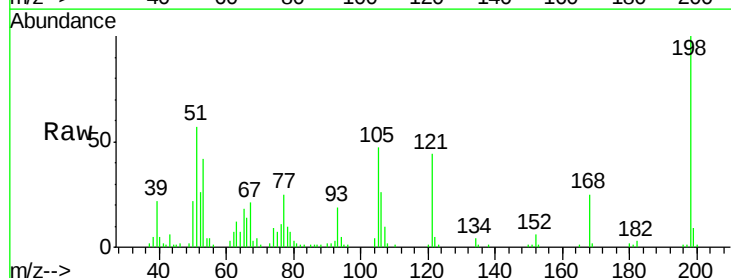
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

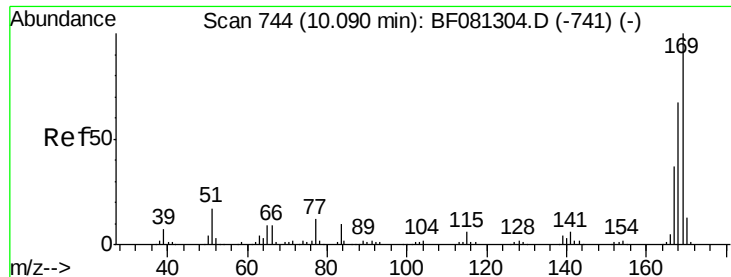
Tot Ion:188 Resp: 188378
Ion Ratio Lower Upper
188 100
94 6.9 11.1 16.7#
80 6.9 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.98 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:198 Resp: 52664
Ion Ratio Lower Upper
198 100
51 56.5 39.6 79.6
105 47.1 28.5 68.5

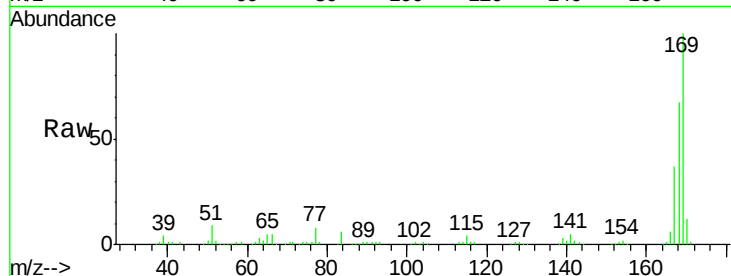




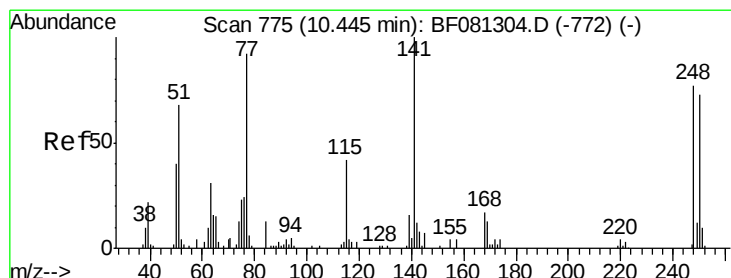
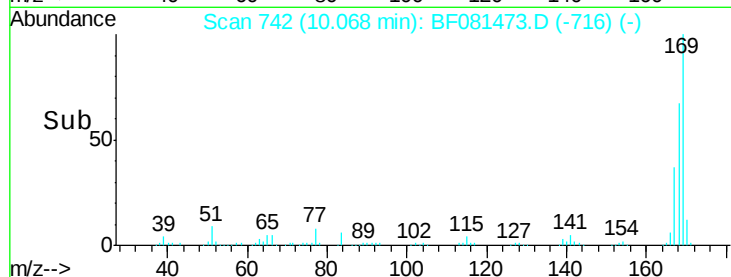
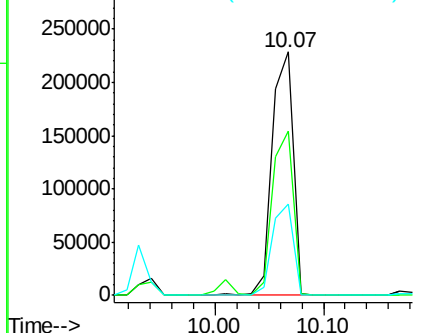
#65
 n-Nitrosodiphenylamine
 Concen: 44.62 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion:169 Resp: 305882
 Ion Ratio Lower Upper
 169 100
 168 67.3 48.9 73.3
 167 37.3 26.2 39.4

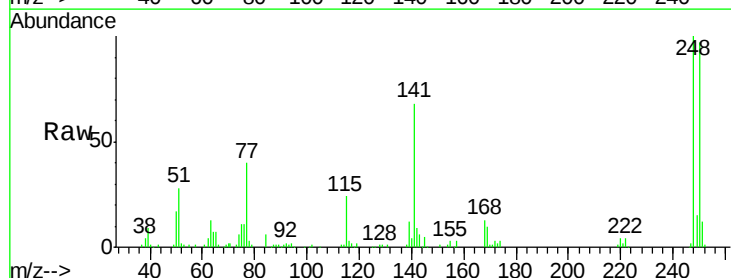


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

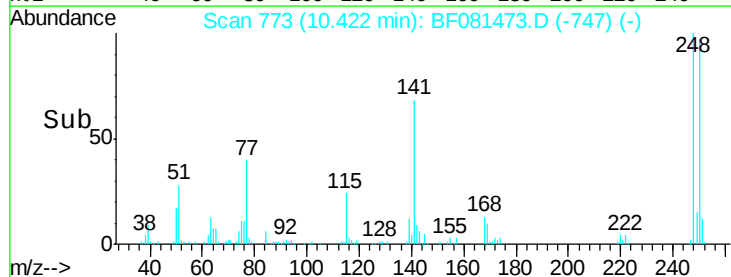
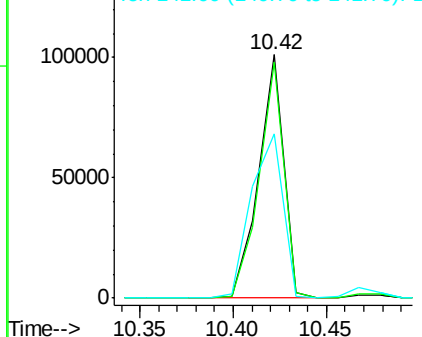


#66
 4-Bromophenyl-phenylether
 Concen: 49.13 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:248 Resp: 93577
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.5 117.7
 141 67.6 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

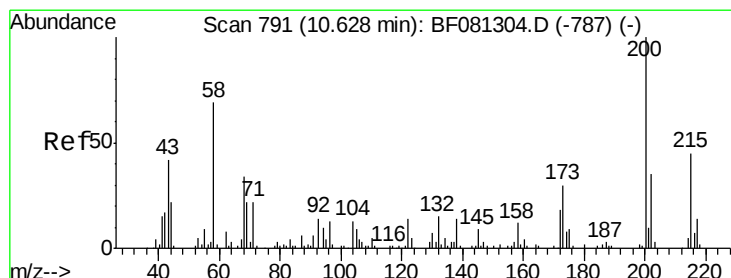
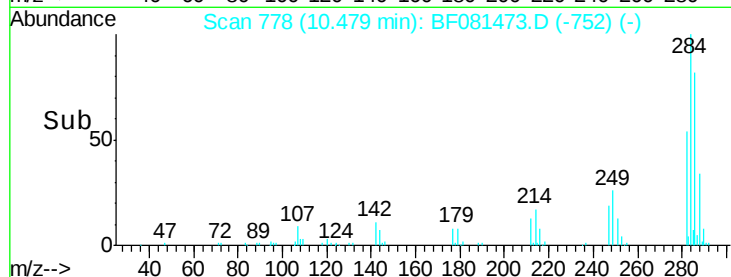
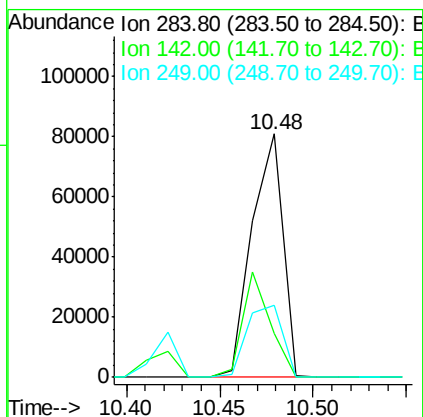
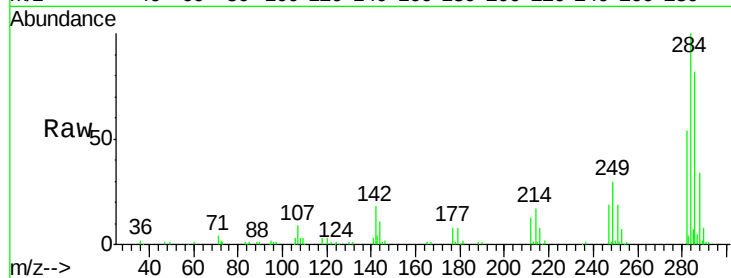




#67
Hexachlorobenzene
Concen: 46.88 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

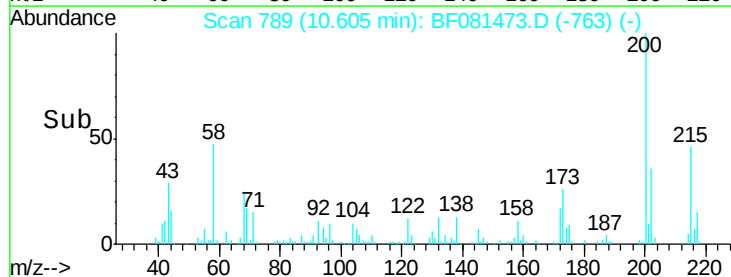
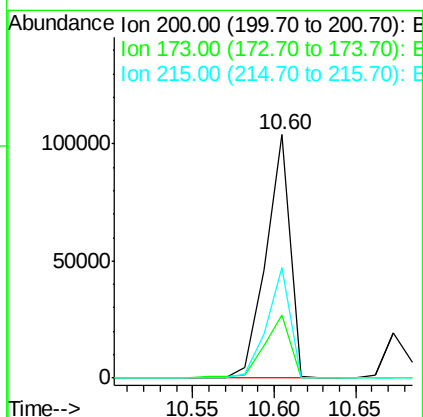
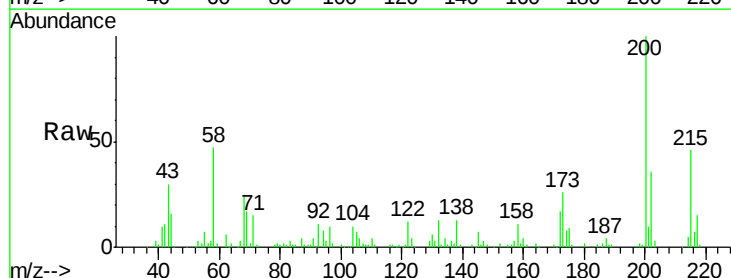
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

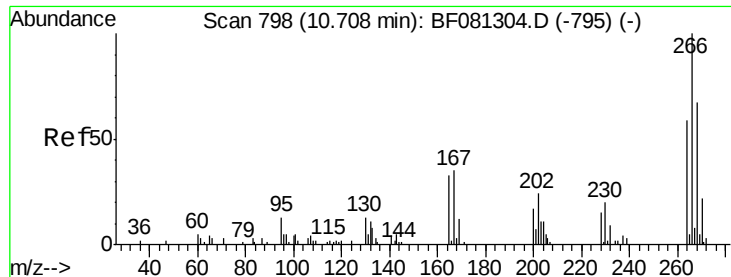
Tot Ion:284 Resp: 93365
Ion Ratio Lower Upper
284 100
142 18.1 29.5 44.3#
249 29.6 19.5 29.3#



#68
Atrazine
Concen: 53.87 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:200 Resp: 106849
Ion Ratio Lower Upper
200 100
173 26.1 13.2 53.2
215 45.6 41.8 81.8

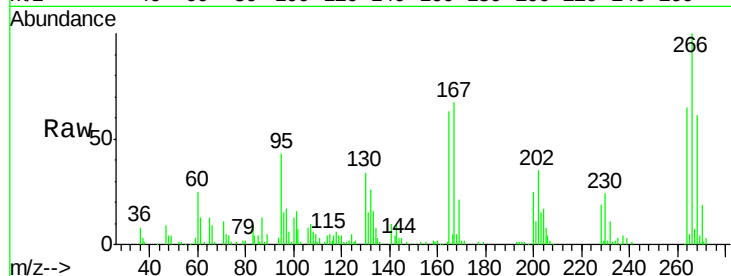




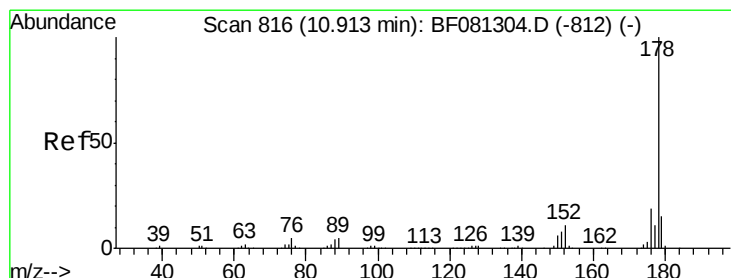
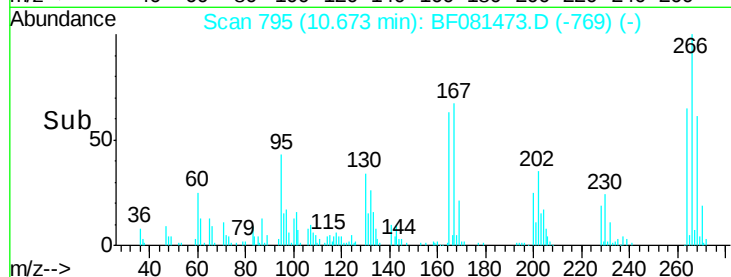
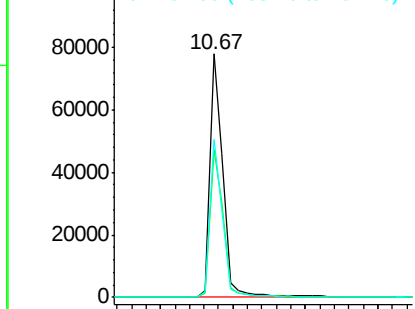
#69
 Pentachlorophenol
 Concen: 96.25 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion:266 Resp: 95250
 Ion Ratio Lower Upper
 266 100
 268 60.7 49.8 74.6
 264 64.9 50.2 75.2

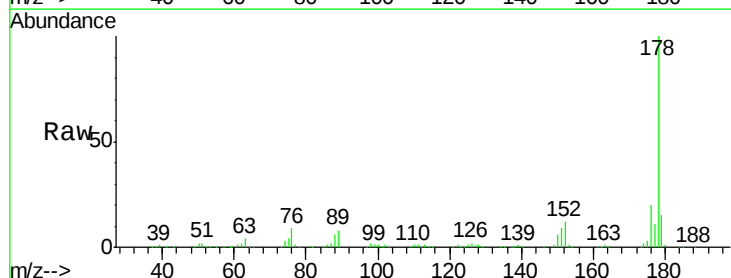


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

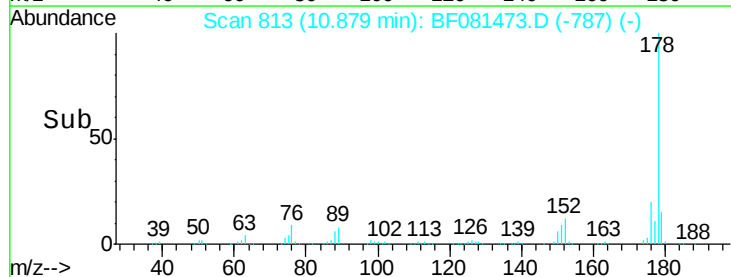
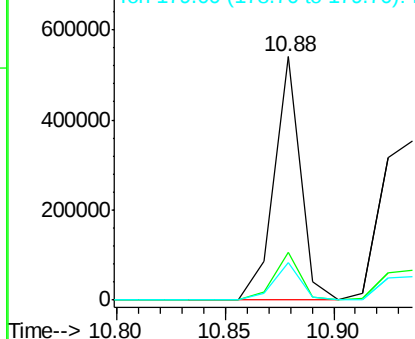


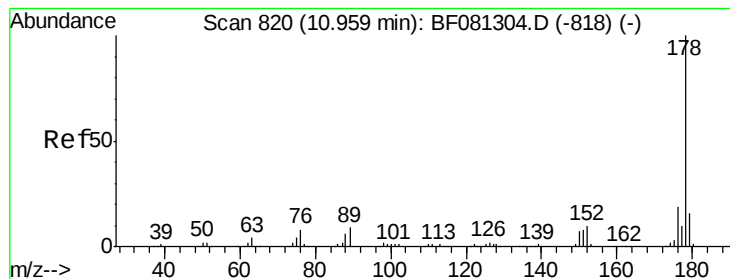
#70
 Phenanthrene
 Concen: 44.08 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:178 Resp: 461682
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 15.4 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: 44.12 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

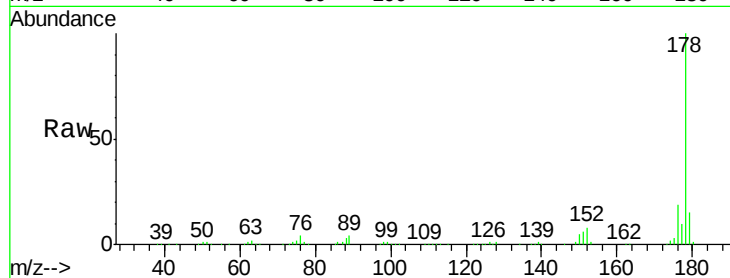
Tot Ion:178 Resp: 474703

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

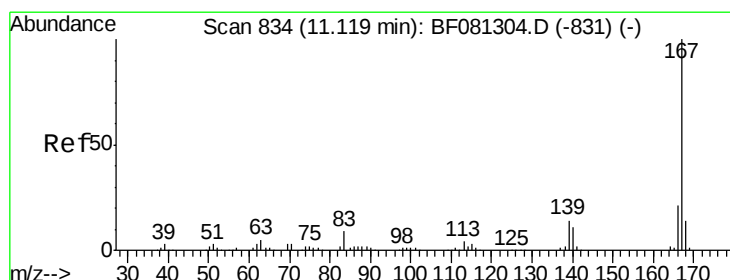
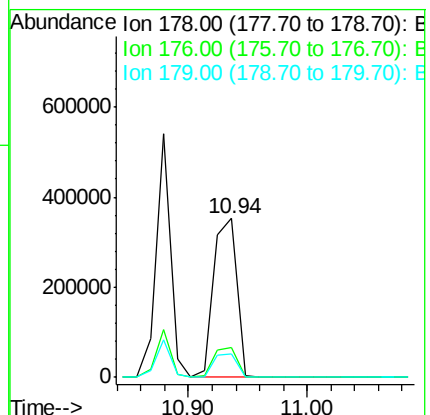
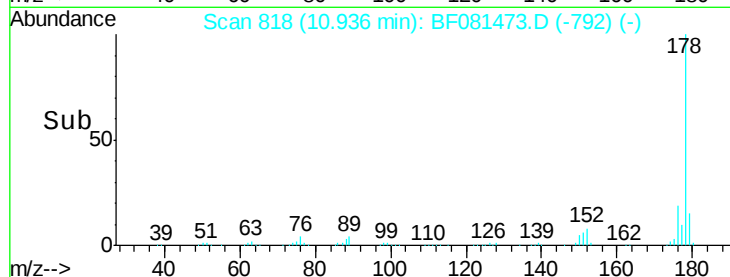
179 15.0 12.2 18.2



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: 48.83 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

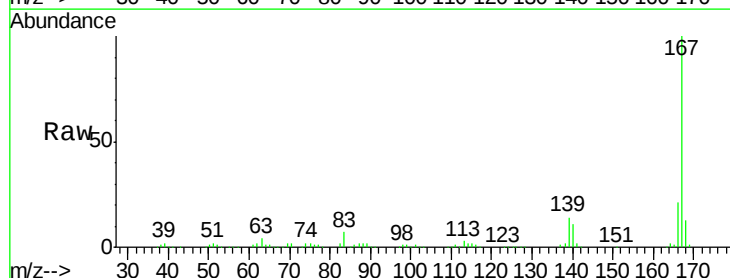
Tgt Ion:167 Resp: 493051

Ion Ratio Lower Upper

167 100

166 21.3 15.7 23.5

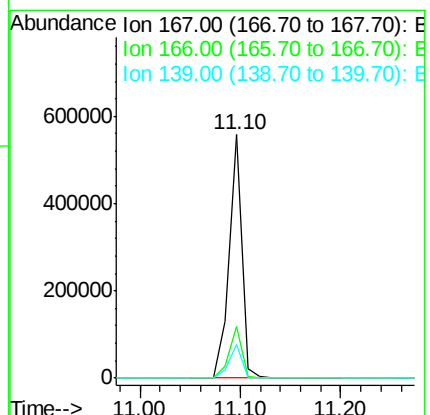
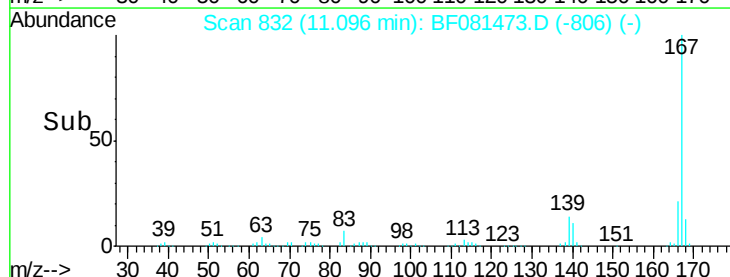
139 13.7 9.5 14.3

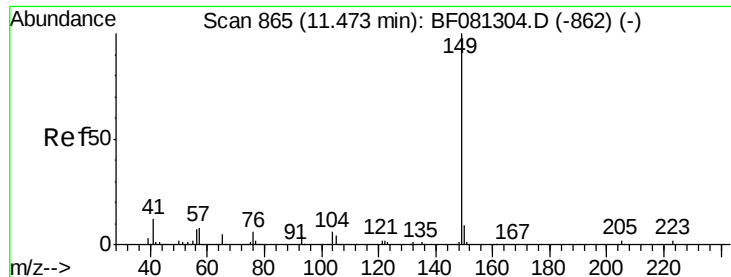


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.91 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

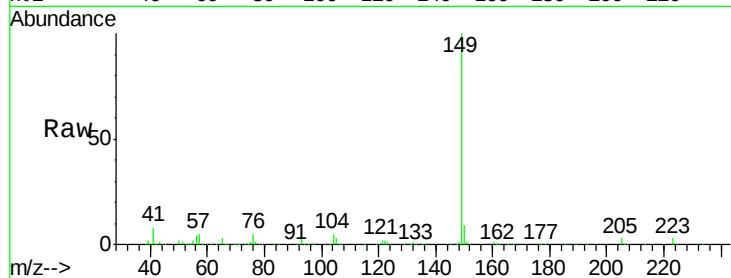
Tot Ion:149 Resp: 606942

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

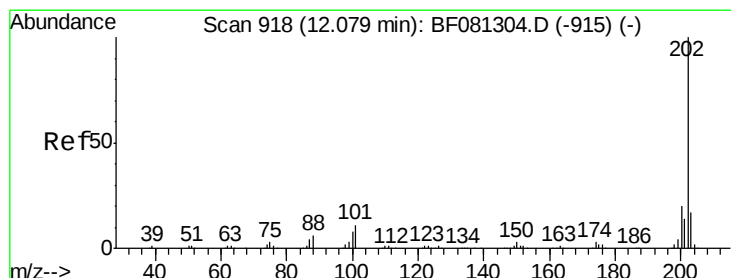
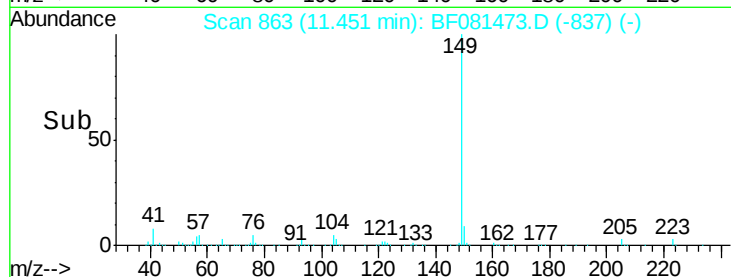
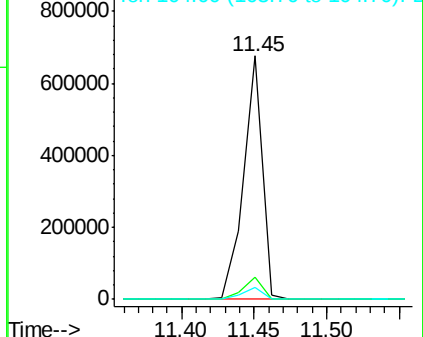
104 5.0 2.4 3.6#



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: 45.58 ng

RT: 12.06 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

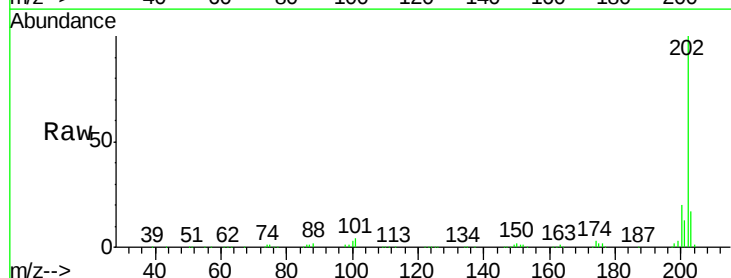
Tgt Ion:202 Resp: 516800

Ion Ratio Lower Upper

202 100

101 4.3 0.0 38.3

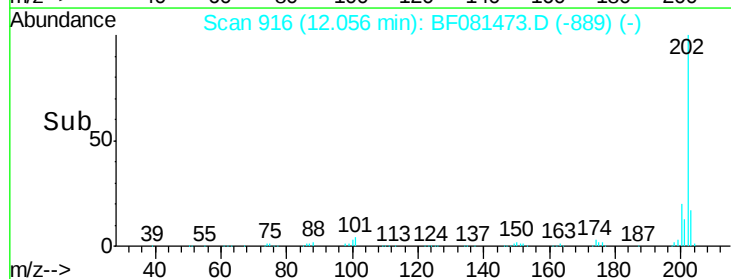
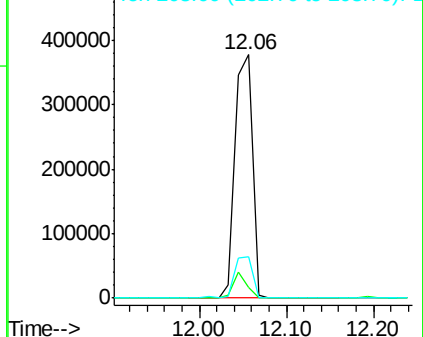
203 17.0 0.0 37.3

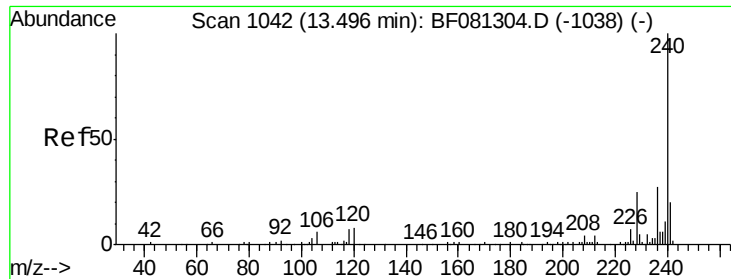


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

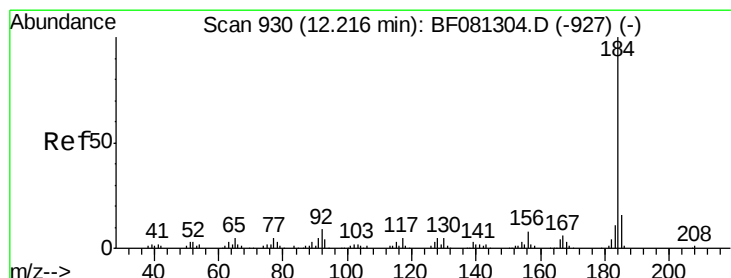
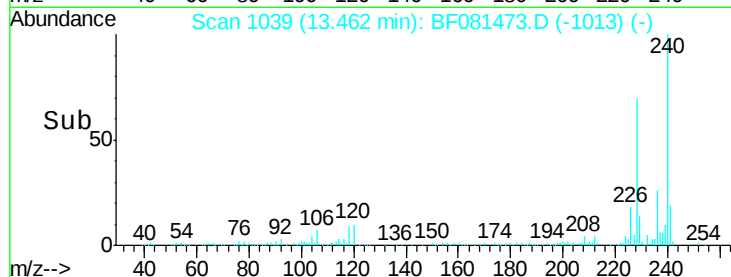
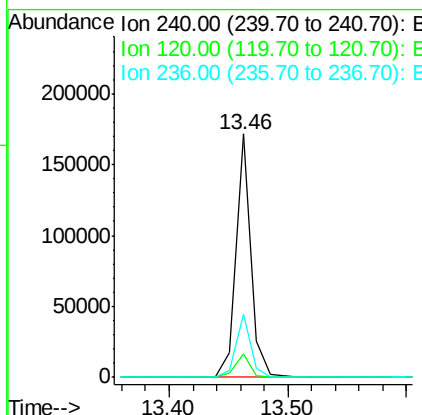
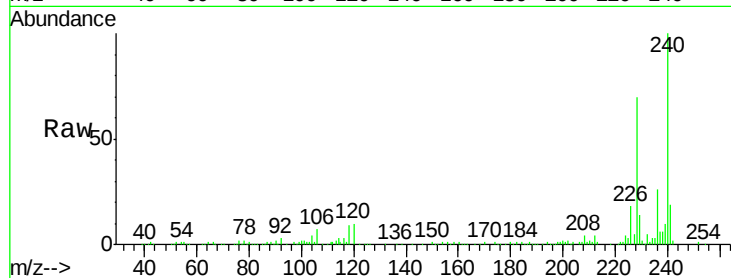




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

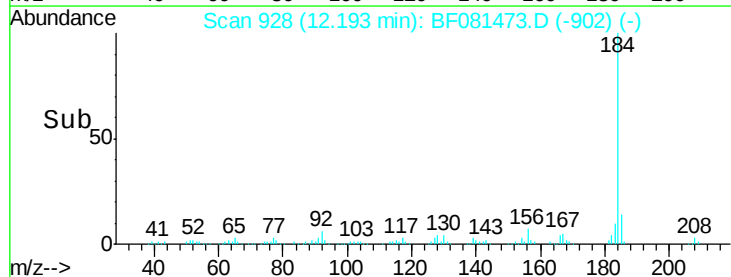
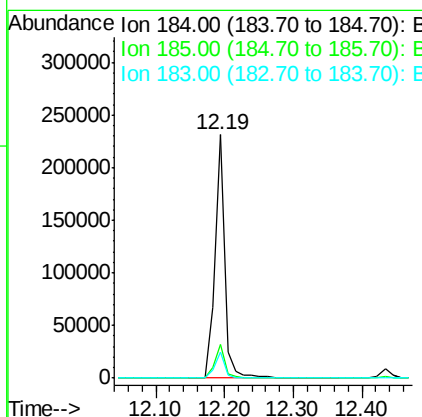
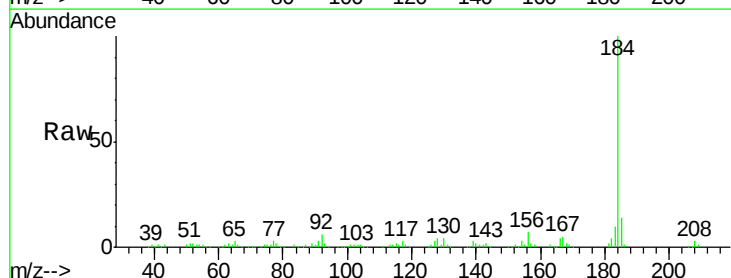
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

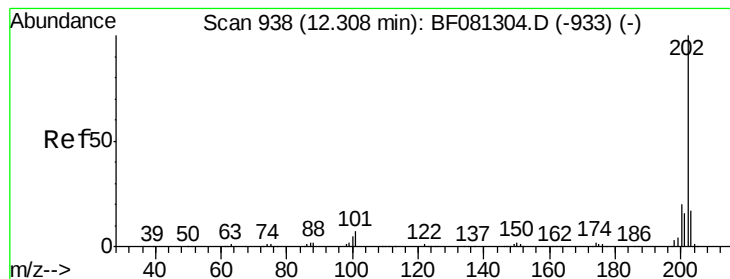
Tot Ion:240 Resp: 149574
 Ion Ratio Lower Upper
 240 100
 120 9.5 16.2 24.2#
 236 26.1 18.4 27.6



#76
 Benzidine
 Concen: 36.62 ng
 RT: 12.19 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:184 Resp: 235117
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.8 17.6
 183 10.5 7.6 11.4





#77

Pvrene

Concen: 49.12 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

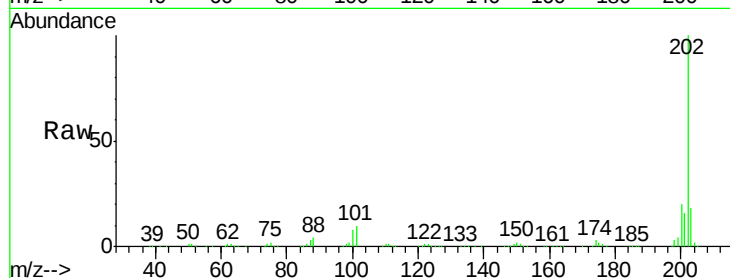
Tot Ion:202 Resp: 544196

Ion Ratio Lower Upper

202 100

200 20.3 15.0 22.4

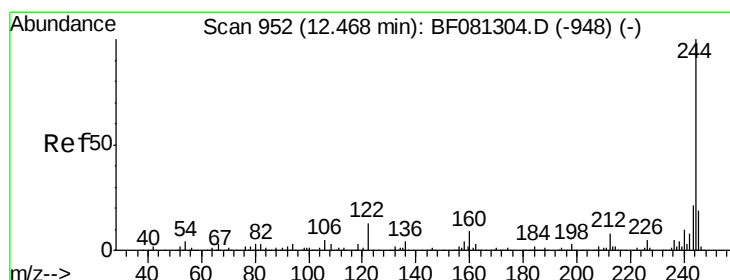
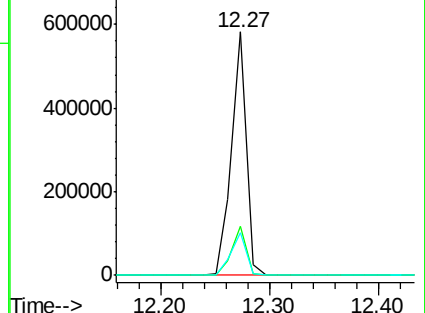
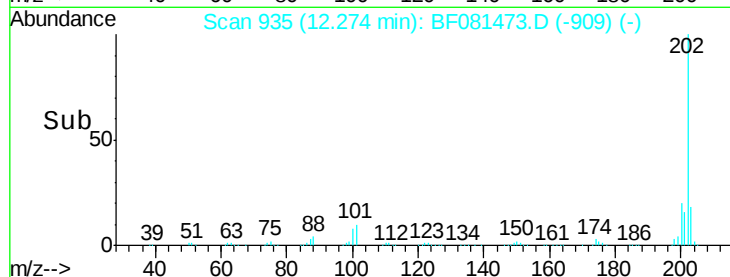
203 17.7 14.1 21.1



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: 85.91 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

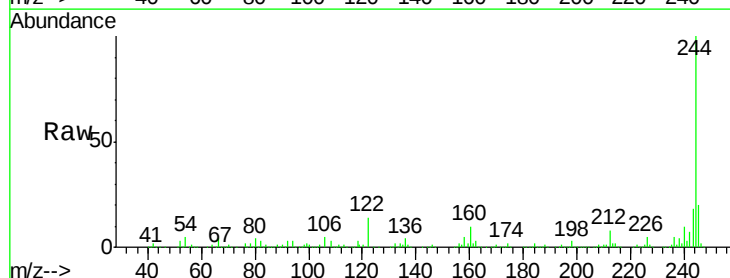
Tgt Ion:244 Resp: 552041

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

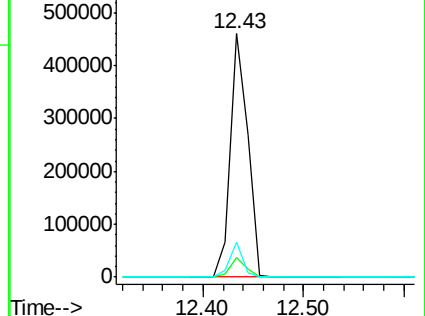
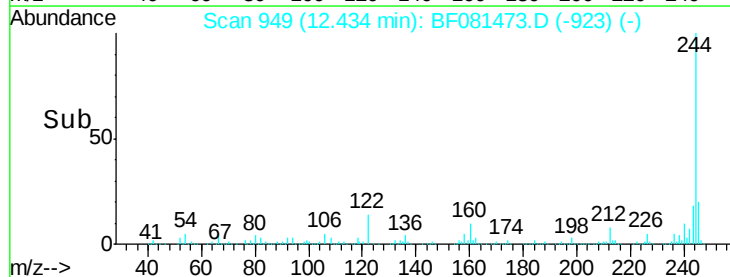
122 14.4 17.4 26.2#

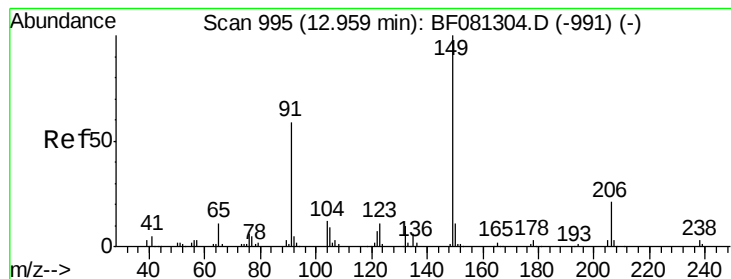


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.98 ng

RT: 12.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

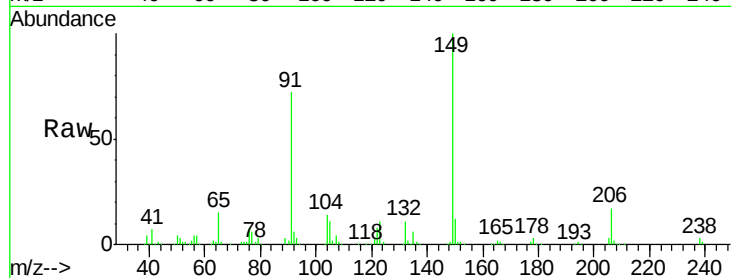
Tot Ion:149 Resp: 255299

Ion Ratio Lower Upper

149 100

91 72.4 48.6 72.8

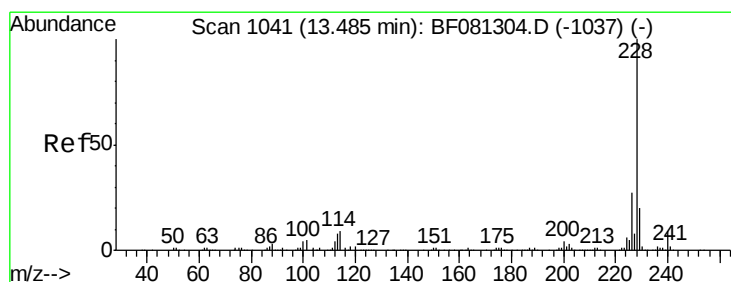
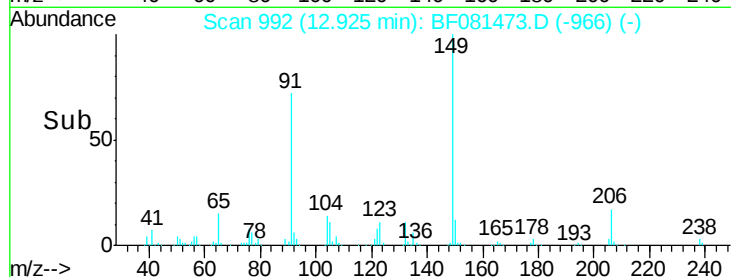
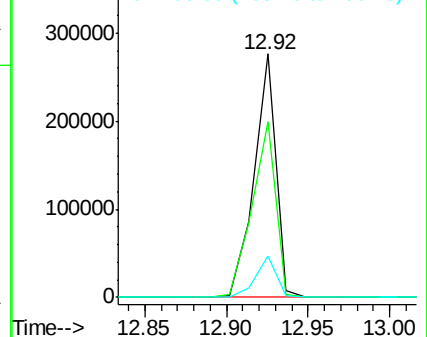
206 17.0 14.9 22.3



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: 43.42 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

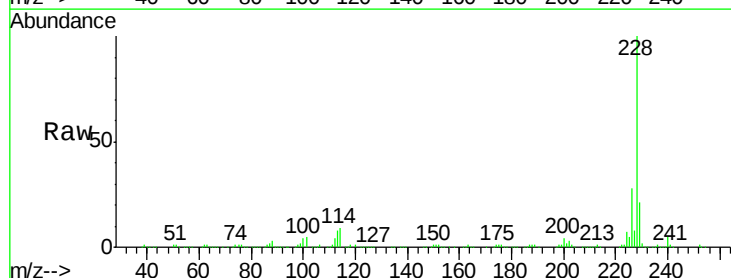
Tgt Ion:228 Resp: 413568

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

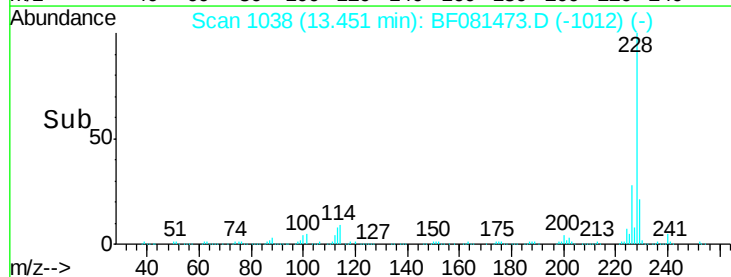
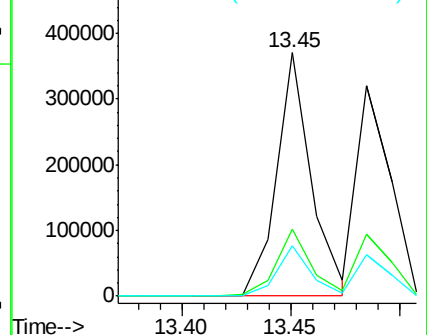
229 20.6 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

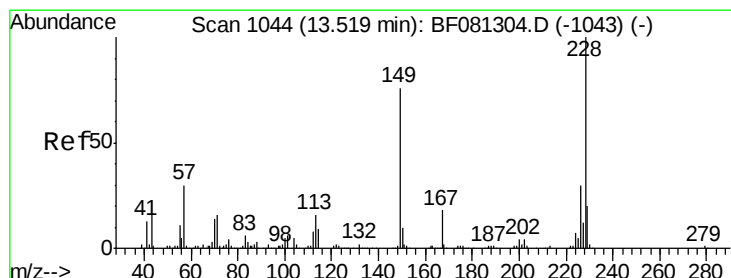
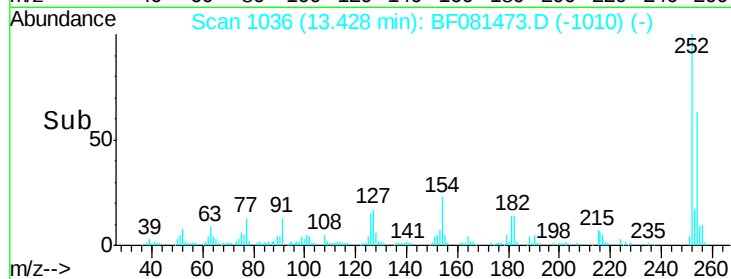
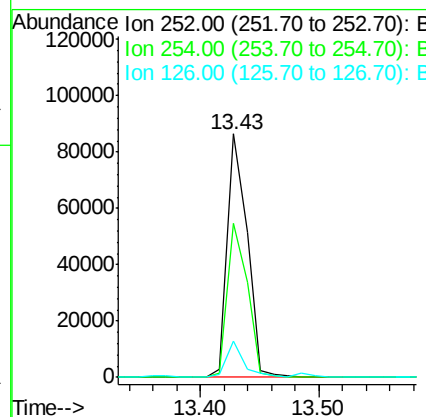
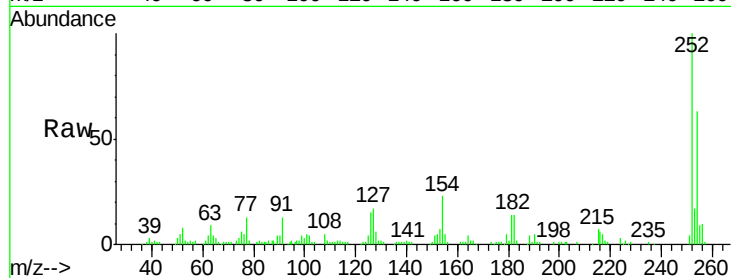




#81
 3,3'-Dichlorobenzidine
 Concen: 30.97 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

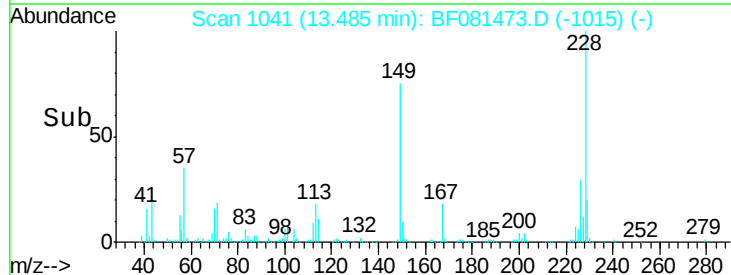
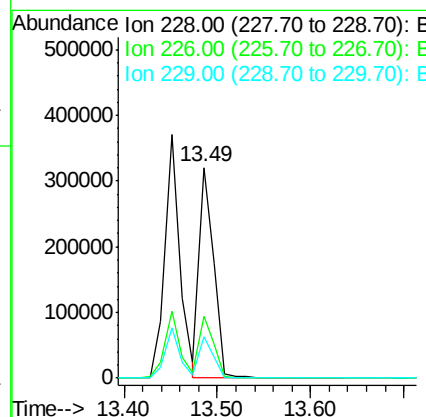
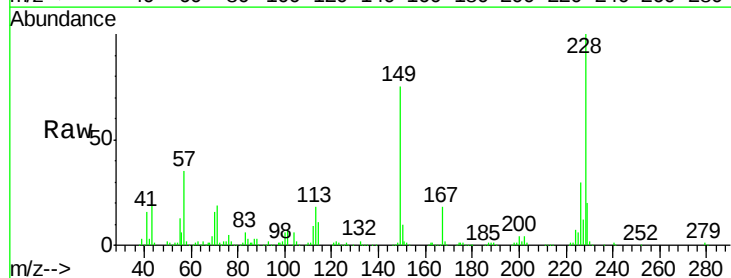
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

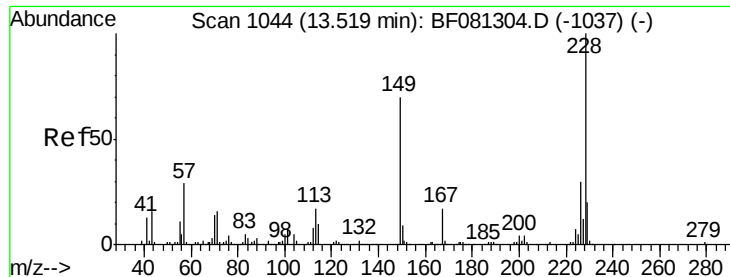
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	15.1	16.4	24.6#



#82
 Chrysene
 Concen: 41.15 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	19.7	15.6	23.4

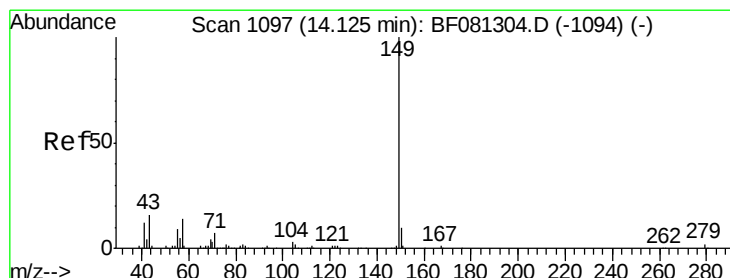
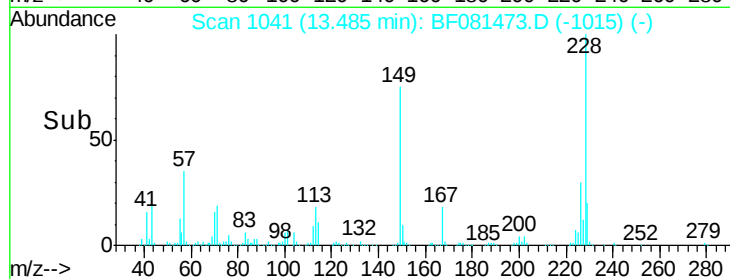
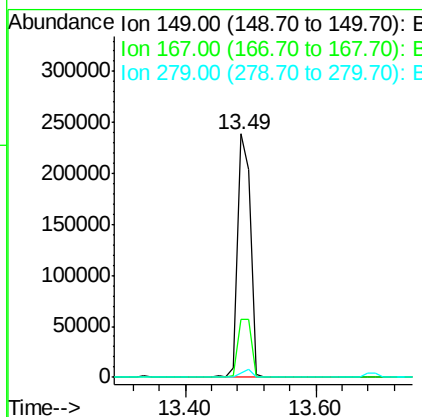
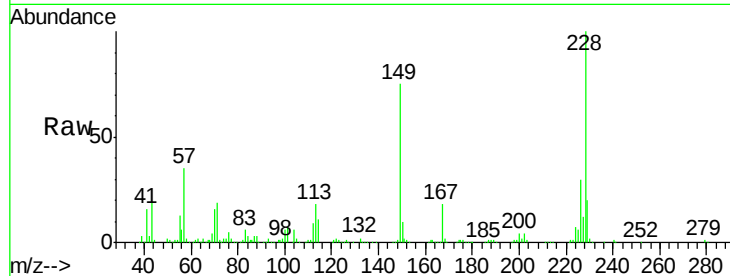




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.01 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

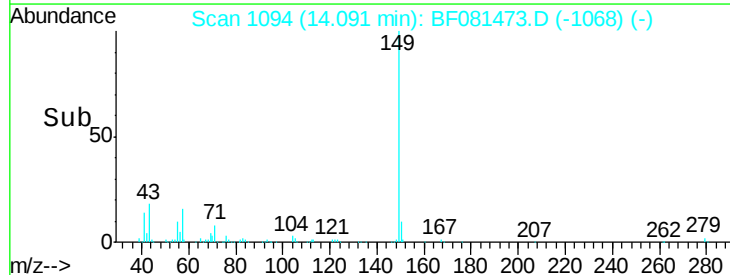
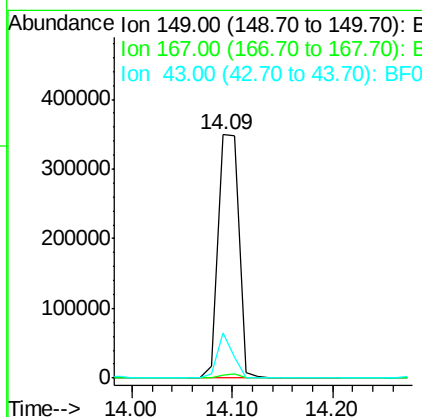
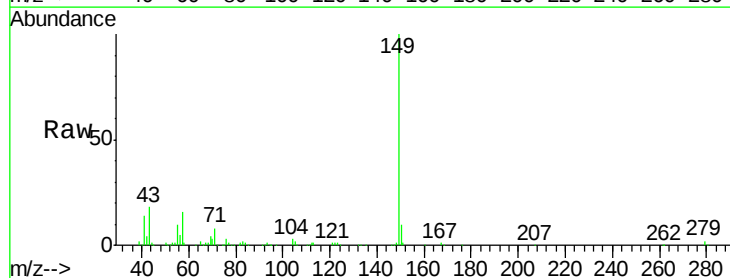
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion:149 Resp: 318032
 Ion Ratio Lower Upper
 149 100
 167 23.6 24.2 36.2#
 279 1.5 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 47.60 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion:149 Resp: 498371
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.1 10.2 15.2

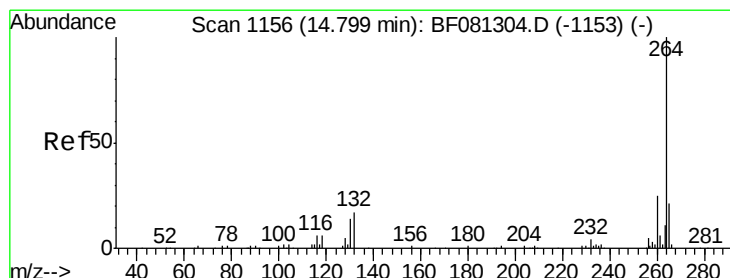
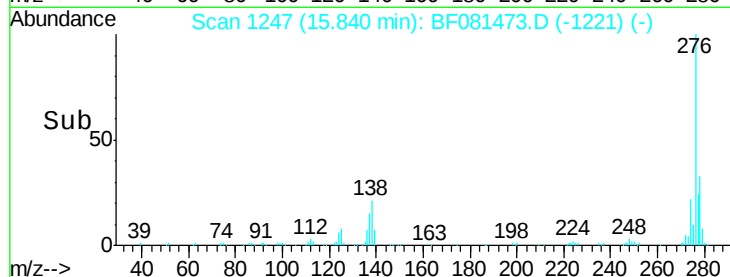
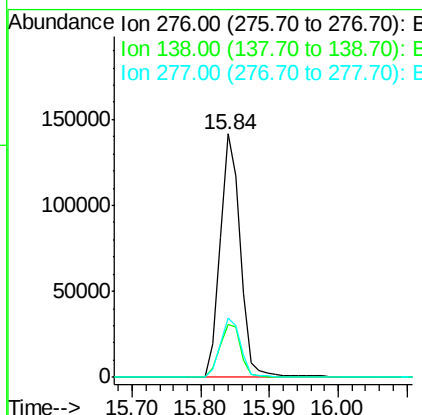
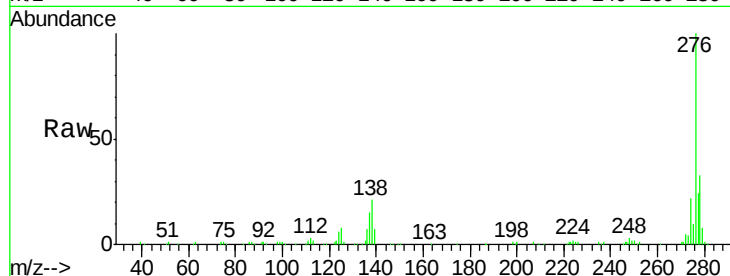




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.28 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

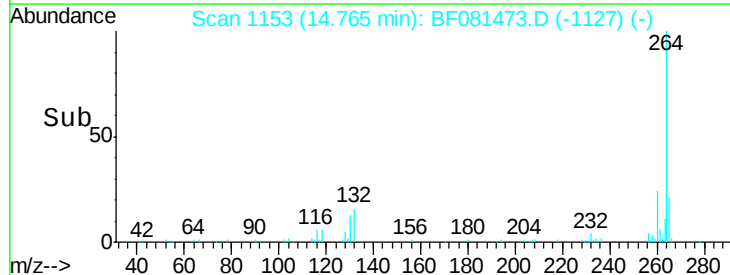
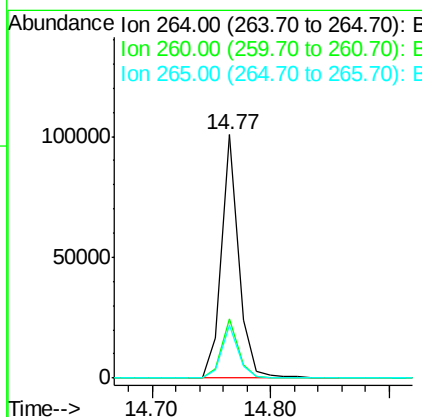
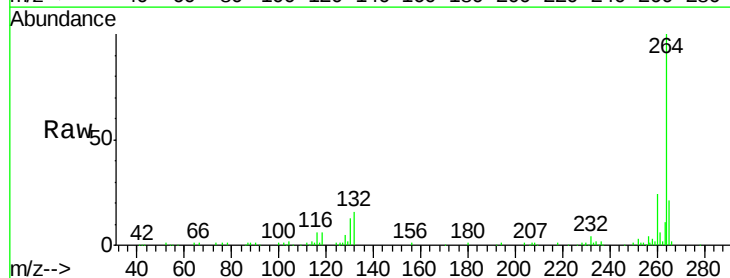
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.7	38.5#
277	24.5	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF081473.D
 Acq: 5 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 92.53 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

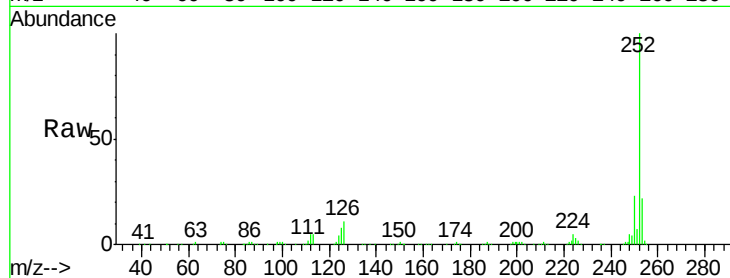
Tot Ion:252 Resp: 665998

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

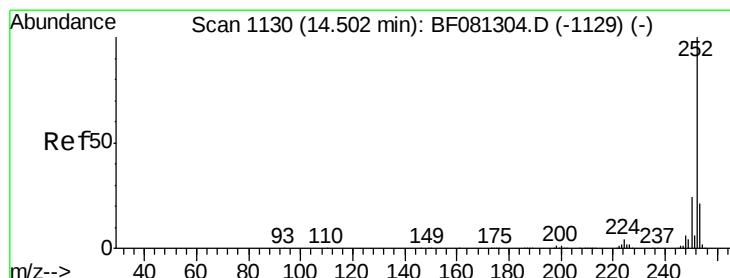
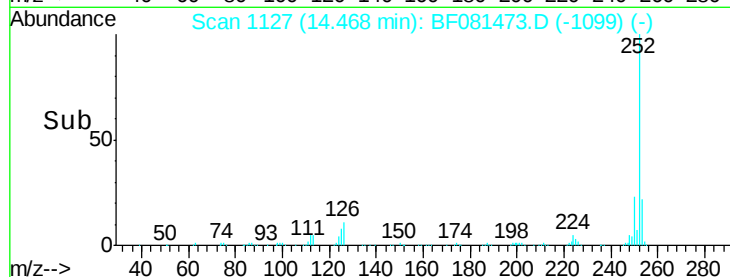
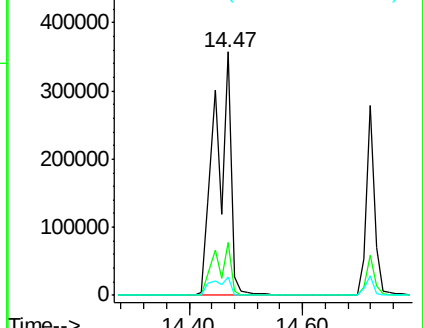
125 7.7 17.1 25.7#



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: 111.51 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

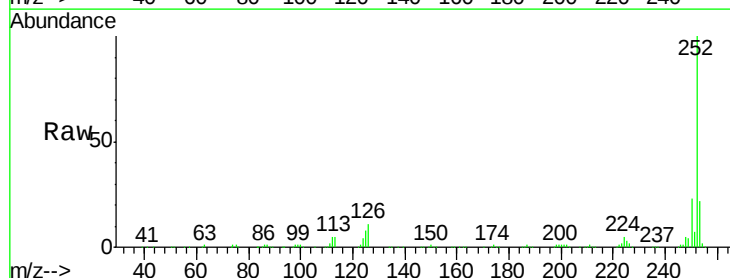
Tgt Ion:252 Resp: 665998

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

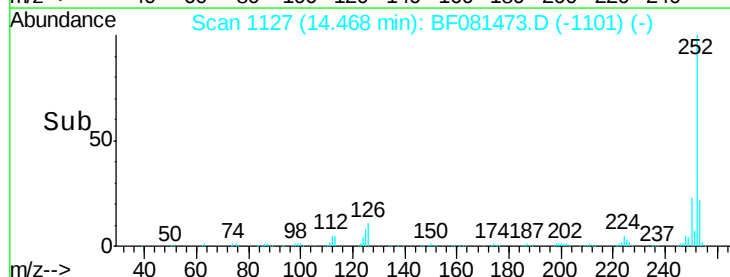
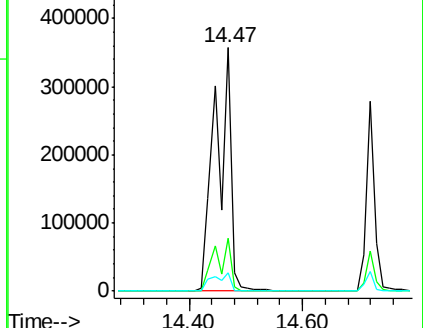
125 7.7 16.0 24.0#

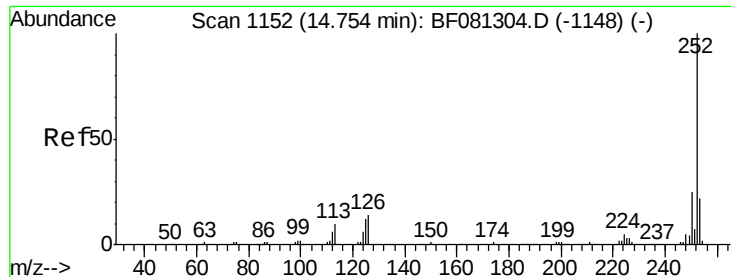


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

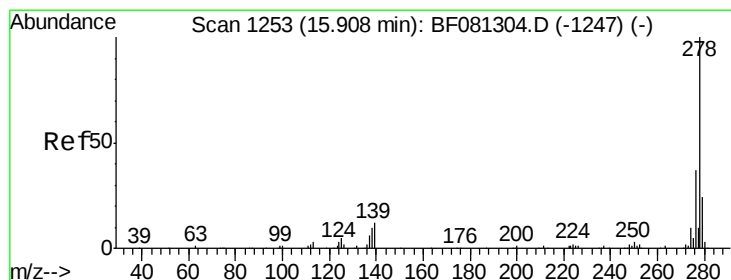
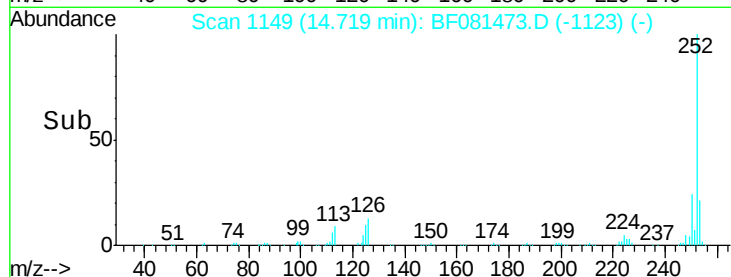
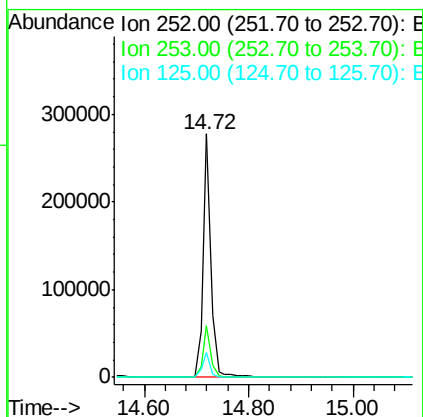
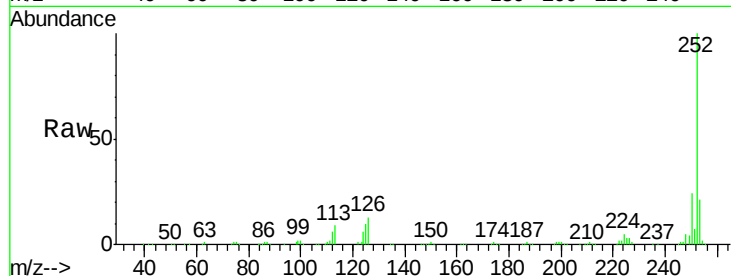




#89
Benzo(a)pyrene
Concen: 47.31 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

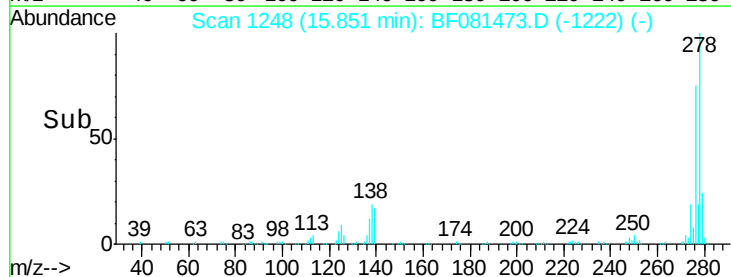
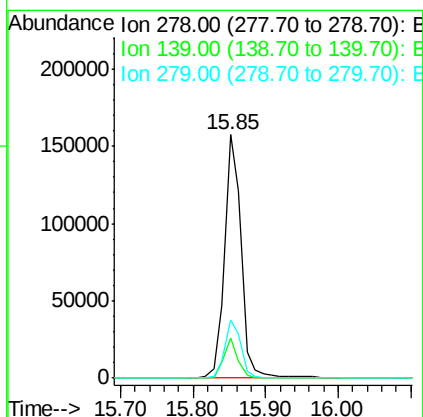
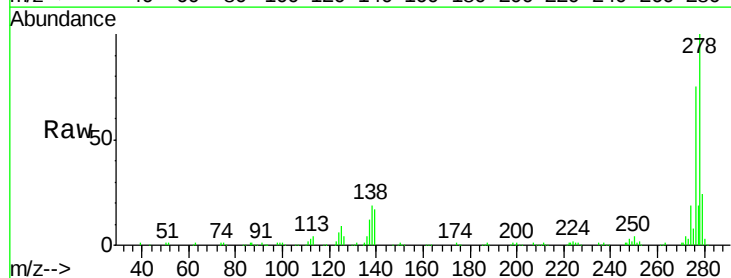
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

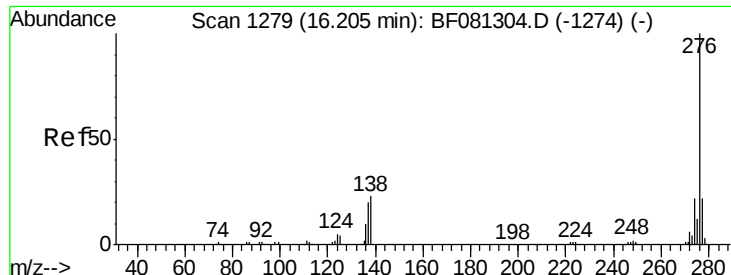
Tot Ion:252 Resp: 288550
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 53.05 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF081473.D
Acq: 5 Sep 2015 19:25

Tgt Ion:278 Resp: 250025
Ion Ratio Lower Upper
278 100
139 16.6 26.3 39.5#
279 23.9 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 55.71 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF081473.D

Acq: 5 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MSD

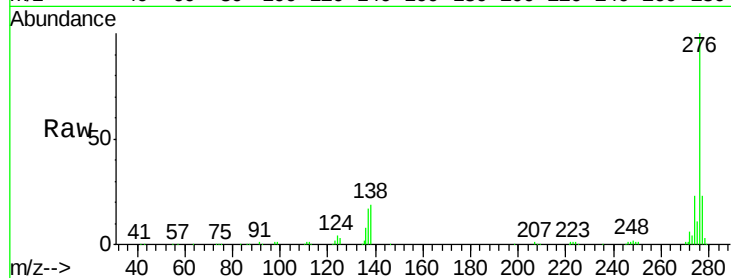
Tot Ion: 276 Resp: 250602

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 19.1 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

