

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081493.D
 Acq On : 6 Sep 2015 6:09
 Operator : UM/IZ
 Sample : G3519-03MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Quant Time: Sep 07 01:35:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57749	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	211936	20.00	ng	-0.03
38) Acenaphthene-d10	9.39	164	102768	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	200423	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	162223	20.00	ng	-0.03
86) Perylene-d12	14.77	264	108008	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.91	112	413138	111.00	ng	-0.01
7) Phenol-d6	6.03	99	516418	104.82	ng	-0.02
23) Nitrobenzene-d5	6.94	82	305480	69.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.18	330	101213	110.61	ng	-0.02
44) 2-Fluorobiphenyl	8.73	172	493404	61.53	ng	-0.03
78) Terphenyl-d14	12.43	244	438852	62.97	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.75	88	47116	28.19	ng	# 83
3) Pyridine	2.28	79	139188	30.19	ng	# 85
4) n-Nitrosodimethylamine	2.25	42	93292	36.43	ng	# 72
6) Aniline	6.02	93	115933	16.66	ng	# 65
8) 2-Chlorophenol	6.15	128	145067	35.37	ng	# 95
9) Benzaldehyde	5.90	77	17949	5.81	ng	# 77
10) Phenol	6.04	94	215214	37.67	ng	# 53
11) bis(2-Chloroethyl)ether	6.11	93	151444	36.74	ng	# 90
12) 1,3-Dichlorobenzene	6.30	146	154475	35.25	ng	# 93
13) 1,4-Dichlorobenzene	6.38	146	157371	35.27	ng	# 92
14) 1,2-Dichlorobenzene	6.52	146	134715	33.53	ng	# 87
15) Benzyl Alcohol	6.52	79	140213	34.69	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	290743	36.80	ng	# 20
17) 2-Methylphenol	6.66	107	123886	37.85	ng	# 74
18) Hexachloroethane	6.87	117	61287	35.30	ng	# 90
19) n-Nitroso-di-n-propylamine	6.80	70	111634	33.29	ng	# 90
20) 3+4-Methylphenols	6.82	107	160342	36.34	ng	# 88
22) Acetophenone	6.79	105	219169	37.86	ng	# 77
24) Nitrobenzene	6.96	77	189492	41.54	ng	# 67
25) Isophorone	7.20	82	299294	36.63	ng	# 82
26) 2-Nitrophenol	7.28	139	76653	38.55	ng	# 60
27) 2,4-Dimethylphenol	7.34	122	121837	35.48	ng	# 77
28) bis(2-Chloroethoxy)methane	7.43	93	174270	36.93	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	111392	37.41	ng	# 98
30) 1,2,4-Trichlorobenzene	7.60	180	125899	38.92	ng	# 98
31) Naphthalene	7.67	128	401911	35.56	ng	# 98
32) Benzoic acid	7.45	122	11127	6.84	ng	# 46
33) 4-Chloroaniline	7.74	127	54687	11.86	ng	# 85
34) Hexachlorobutadiene	7.79	225	71802	36.47	ng	# 97
35) Caprolactam	8.11	113	21969	24.05	ng	# 24
36) 4-Chloro-3-methylphenol	8.25	107	147067	44.12	ng	# 79
37) 2-Methylnaphthalene	8.36	142	286407	38.94	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	107741	33.15	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	101504	63.64	ng	# 97

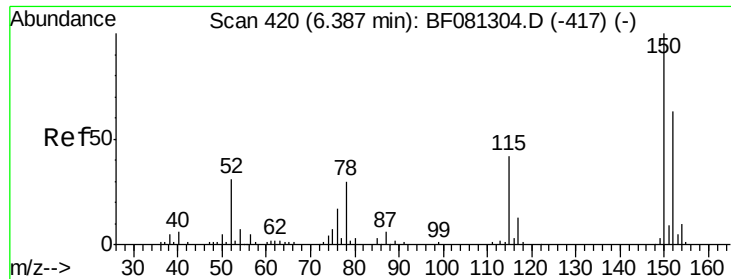
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	81356	36.27	nq	97
43) 2,4,5-Trichlorophenol	8.70	196	80044	34.98	nq	# 83
45) 1,1'-Biphenyl	8.83	154	320511	33.90	nq	95
46) 2-Chloronaphthalene	8.84	162	251451	36.83	nq	# 89
47) 2-Nitroaniline	8.96	65	103141	37.06	nq	# 82
48) Acenaphthylene	9.24	152	397633	32.83	nq	97
49) Dimethylphthalate	9.15	163	366615	45.92	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	55534	30.64	nq	# 9
51) Acenaphthene	9.43	154	233636	33.90	nq	92
52) 3-Nitroaniline	9.36	138	35315	17.12	nq	# 38
53) 2,4-Dinitrophenol	9.47	184	26136	34.24	nq	# 2
54) Dibenzofuran	9.60	168	350507	34.84	nq	93
55) 4-Nitrophenol	9.59	139	240307	185.41	nq	# 33
56) 2,4-Dinitrotoluene	9.60	165	74143	32.13	nq	# 22
57) Fluorene	9.93	166	270357	35.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.68	232	65495	37.49	nq	96
59) Diethylphthalate	9.84	149	293112	34.90	nq	95
60) 4-Chlorophenyl-phenylether	9.94	204	125337	35.22	nq	96
61) 4-Nitroaniline	9.98	138	66727	32.01	nq	# 23
62) Azobenzene	10.09	77	322855	34.58	nq	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	33539	29.92	nq	# 76
65) n-Nitrosodiphenylamine	10.06	169	232551	31.89	nq	92
66) 4-Bromophenyl-phenylether	10.42	248	72042	35.55	nq	# 89
67) Hexachlorobenzene	10.47	284	70452	33.25	nq	# 62
68) Atrazine	10.59	200	76934	36.45	nq	81
69) Pentachlorophenol	10.67	266	75954	74.33	nq	99
70) Phenanthrene	10.88	178	412727	37.04	nq	97
71) Anthracene	10.92	178	370203	32.34	nq	99
72) Carbazole	11.10	167	407064	37.89	nq	96
73) Di-n-butylphthalate	11.45	149	478068	37.69	nq	# 98
74) Fluoranthene	12.05	202	387040	32.09	nq	91
76) Benzidine	12.19	184	153911	22.10	nq	97
77) Pyrene	12.27	202	455076	37.87	nq	98
79) Butylbenzylphthalate	12.93	149	197935	37.87	nq	97
80) Benzo(a)anthracene	13.45	228	335145	32.44	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	65078	18.67	nq	# 95
82) Chrysene	13.49	228	263904	28.50	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	248608	36.05	nq	# 88
84) Di-n-octyl phthalate	14.09	149	384306	33.84	nq	95
85) Indeno(1,2,3-cd)pyrene	15.84	276	238445	35.09	nq	# 86
87) Benzo(b)fluoranthene	14.47	252	500797	64.94	nq	# 83
88) Benzo(k)fluoranthene	14.47	252	500797	78.27	nq	# 85
89) Benzo(a)pyrene	14.72	252	228055	34.90	nq	# 86
90) Dibenzo(a,h)anthracene	15.85	278	196696	38.96	nq	# 80
91) Benzo(g,h,i)perylene	16.16	276	195429	40.55	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. -0.03 min

Lab File: BF081493.D

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BNA_F

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MGP208BR-23-25MSD

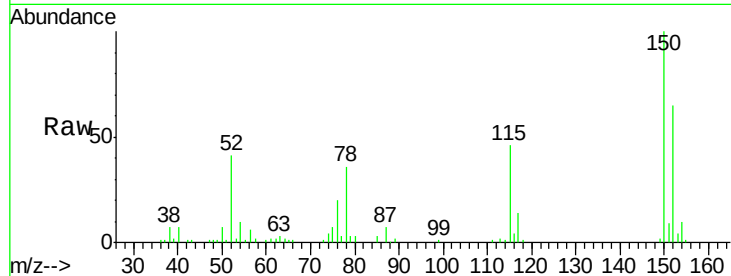
Tot Ion:152 Resp: 57749

Ion Ratio Lower Upper

152 100

150 154.0 124.7 187.1

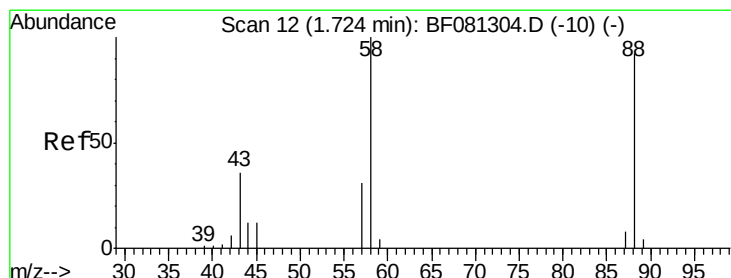
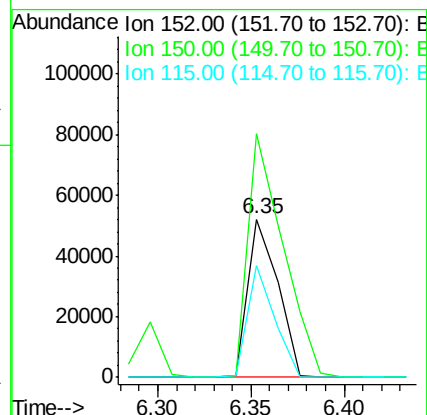
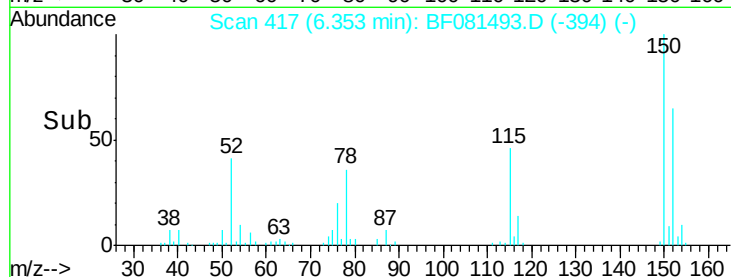
115 71.0 39.0 58.4#



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: 28.19 ng

RT: 1.75 min Scan# 14

Delta R.T. 0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

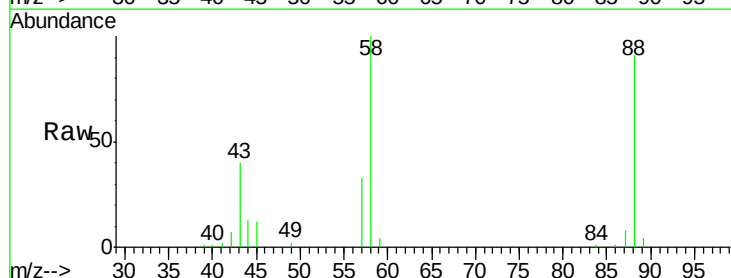
Tgt Ion: 88 Resp: 47116

Ion Ratio Lower Upper

88 100

58 109.2 77.7 116.5

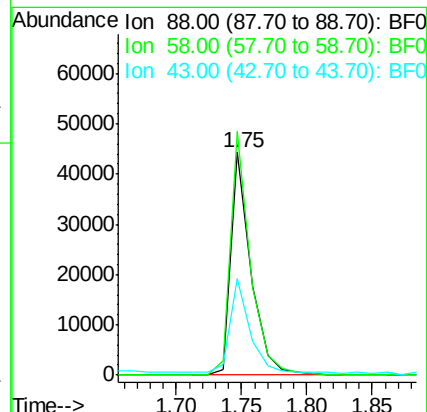
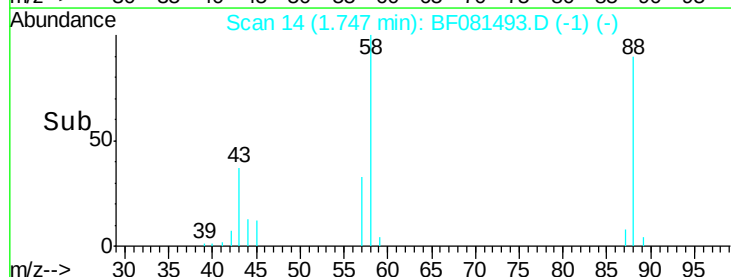
43 51.4 26.6 40.0#

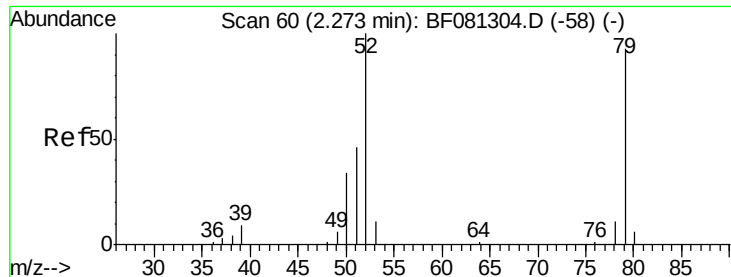


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.19 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.01 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

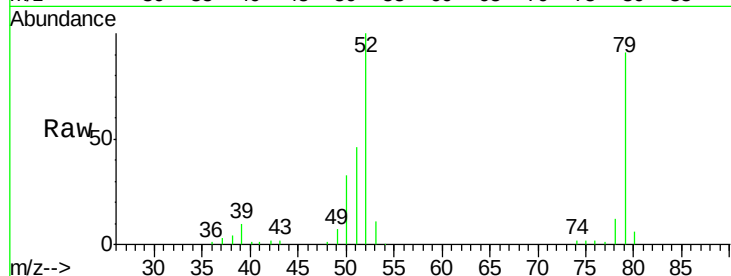
Tot Ion: 79 Resp: 139188

Ion Ratio Lower Upper

79 100

52 110.1 76.8 115.2

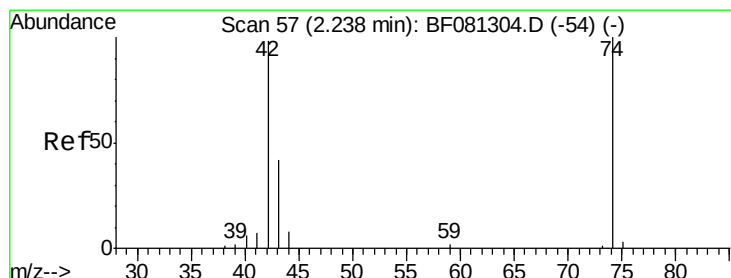
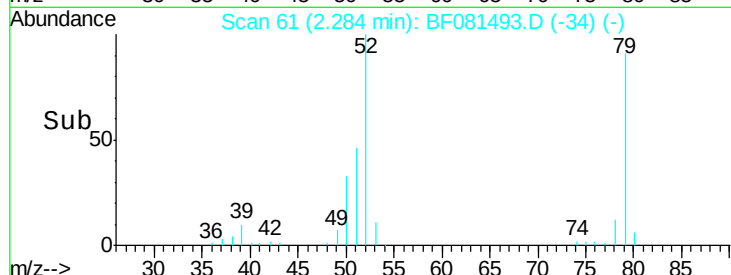
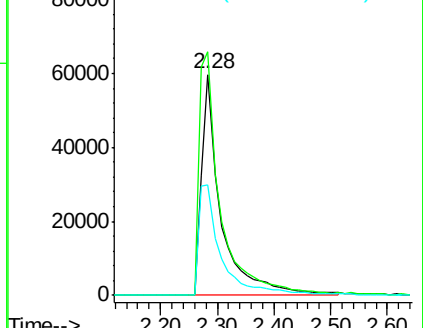
51 50.2 32.2 48.4#



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: 36.43 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.01 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

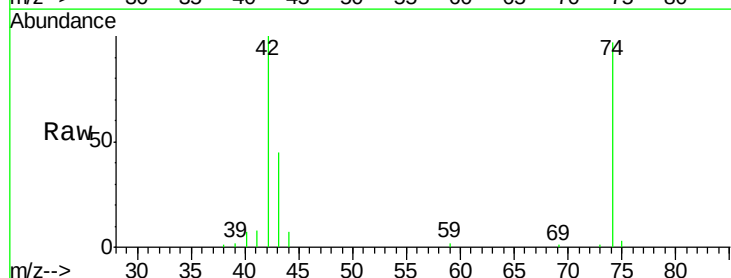
Tgt Ion: 42 Resp: 93292

Ion Ratio Lower Upper

42 100

74 97.3 105.0 157.6#

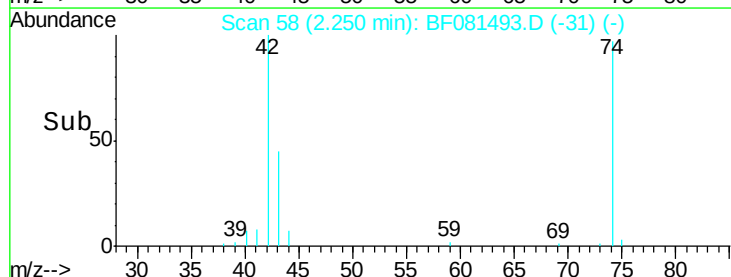
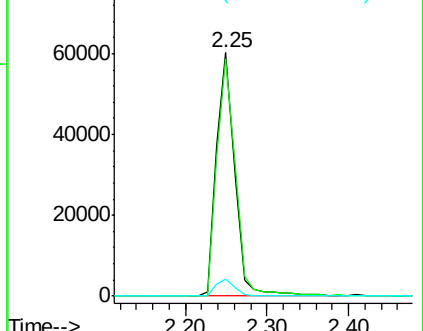
44 6.8 6.6 10.0

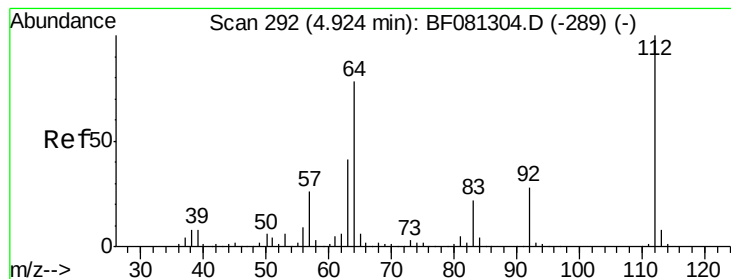


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.00 ng

RT: 4.91 min Scan# 291

Delta R.T. -0.01 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

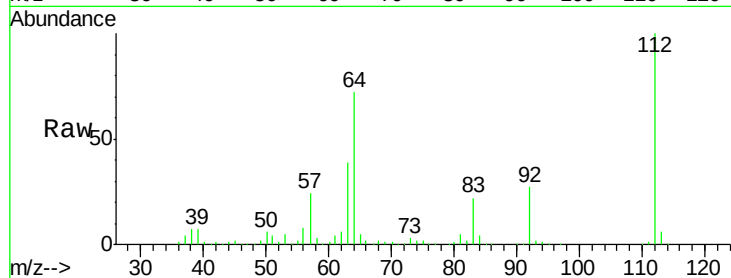
Tot Ion:112 Resp: 413138

Ion Ratio Lower Upper

112 100

64 71.6 39.7 59.5#

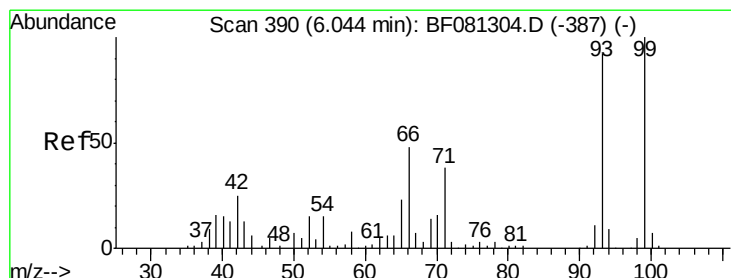
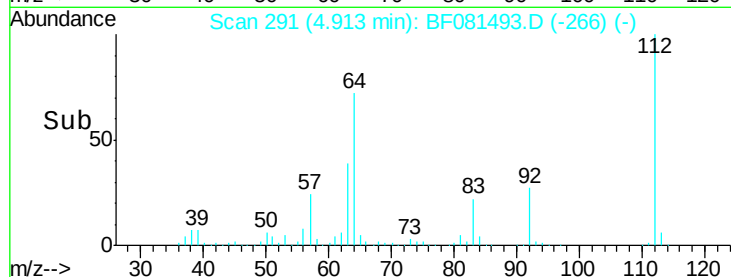
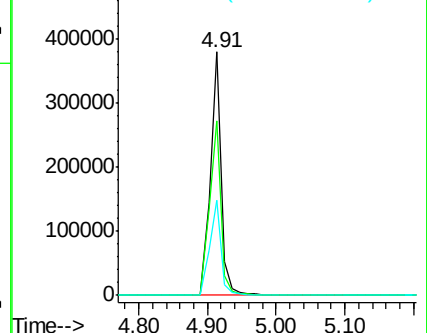
63 38.8 17.4 26.0#



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: 16.66 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

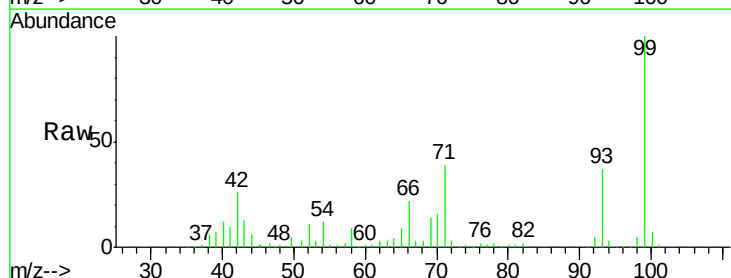
Tgt Ion: 93 Resp: 115933

Ion Ratio Lower Upper

93 100

66 59.9 27.2 40.8#

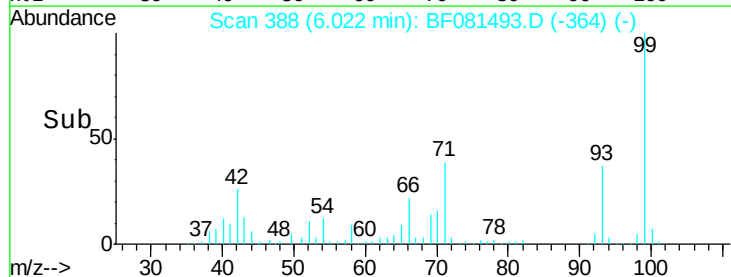
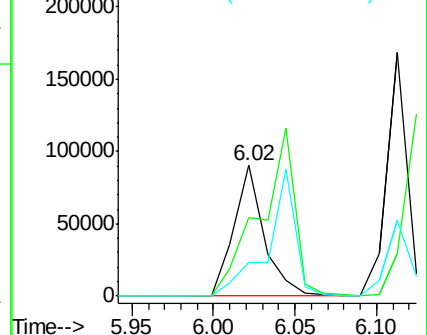
65 25.5 14.7 22.1#

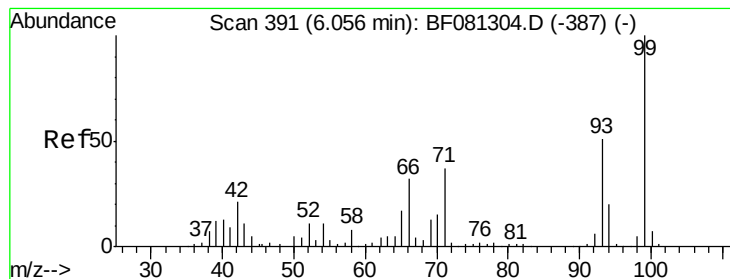


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.82 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

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MGP208BR-23-25MSD

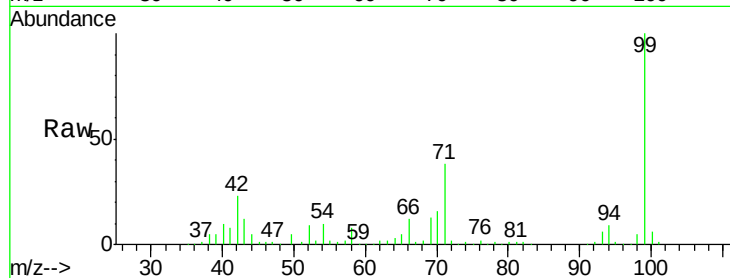
Tot Ion: 99 Resp: 516418

Ion Ratio Lower Upper

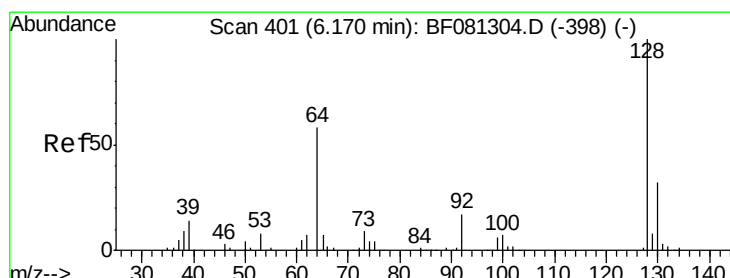
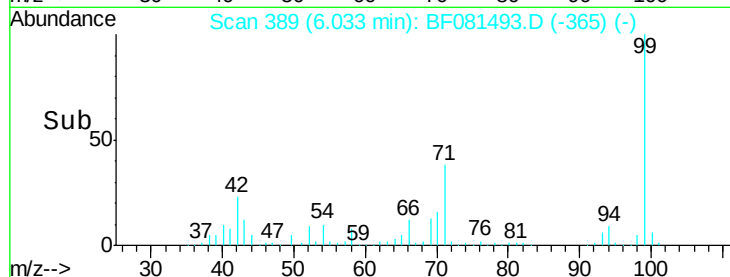
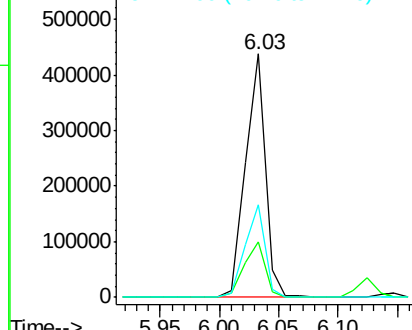
99 100

42 23.0 13.7 20.5#

71 38.2 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: 35.37 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

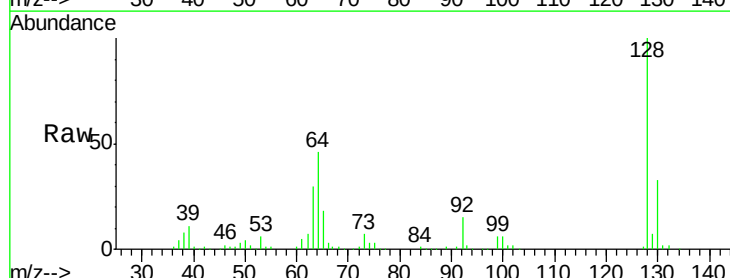
Tgt Ion: 128 Resp: 145067

Ion Ratio Lower Upper

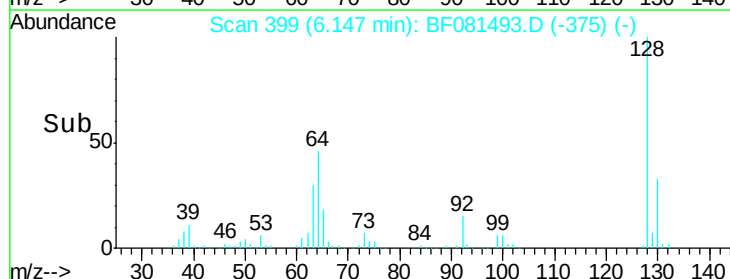
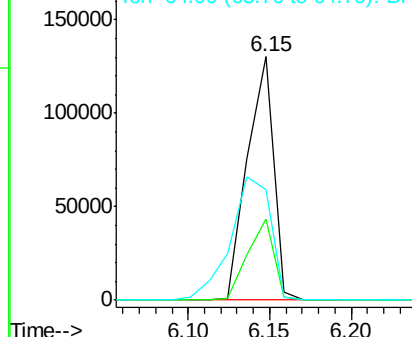
128 100

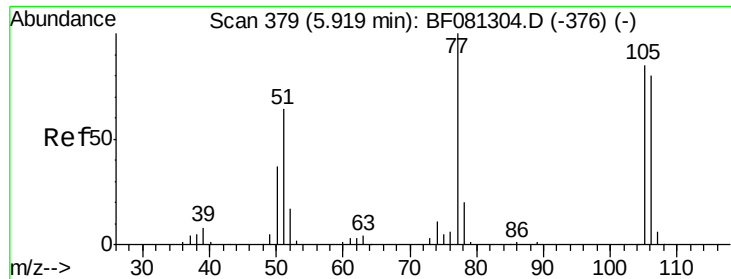
130 33.2 12.2 52.2

64 45.6 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

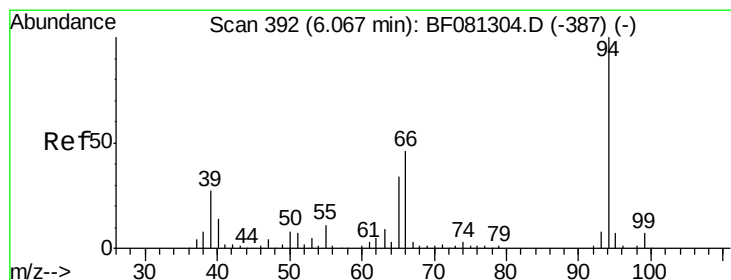
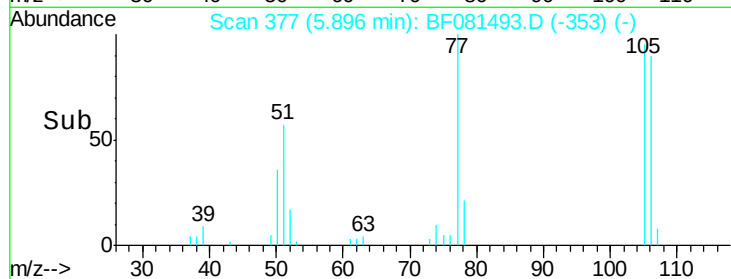
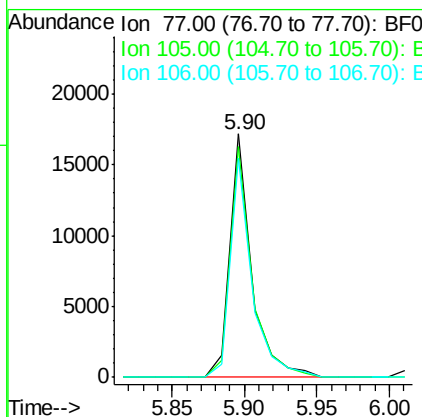
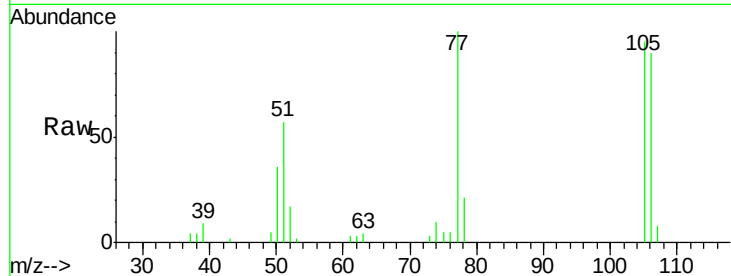




#9
Benzaldehyde
Concen: 5.81 ng
RT: 5.90 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

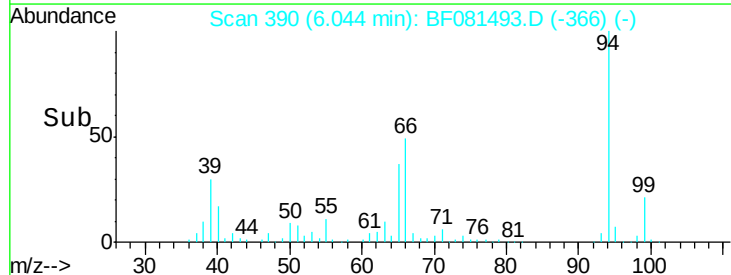
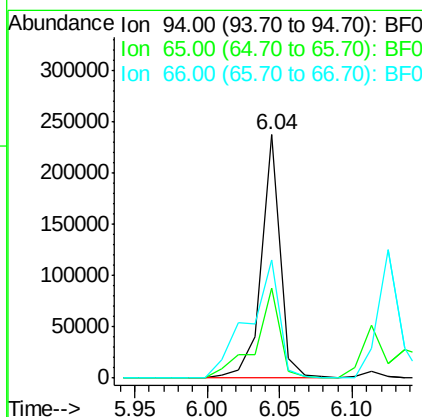
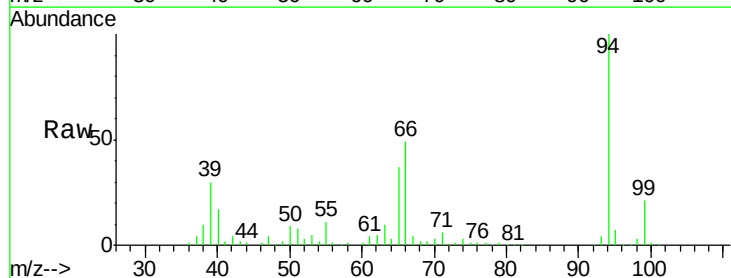
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

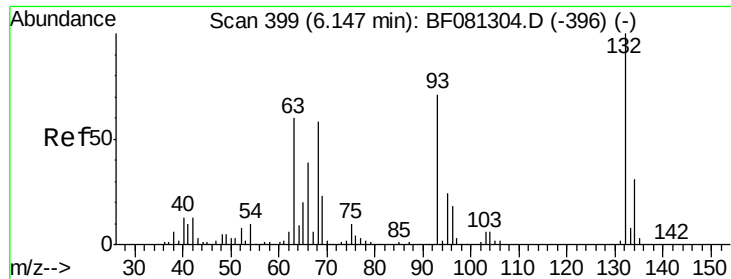
Tot Ion: 77 Resp: 17949
Ion Ratio Lower Upper
77 100
105 94.8 91.6 131.6
106 89.9 102.6 142.6#



#10
Phenol
Concen: 37.67 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion: 94 Resp: 215214
Ion Ratio Lower Upper
94 100
65 36.8 0.7 40.7
66 48.8 0.8 40.8#

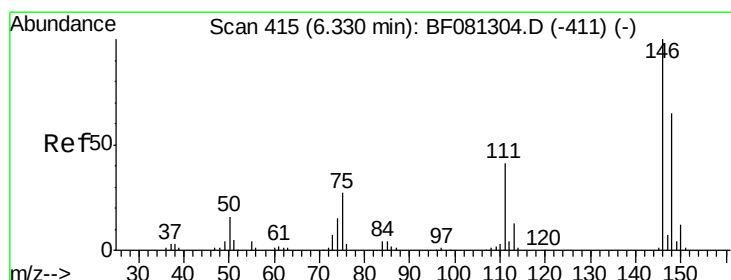
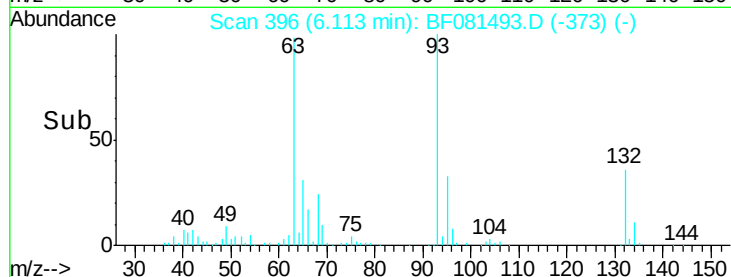
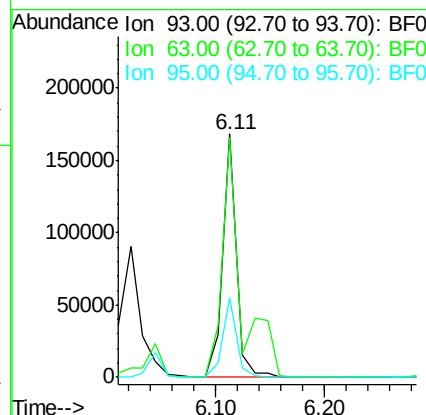
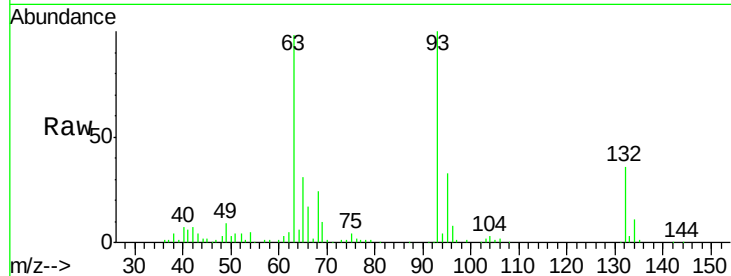




#11
bis(2-Chloroethyl)ether
Concen: 36.74 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

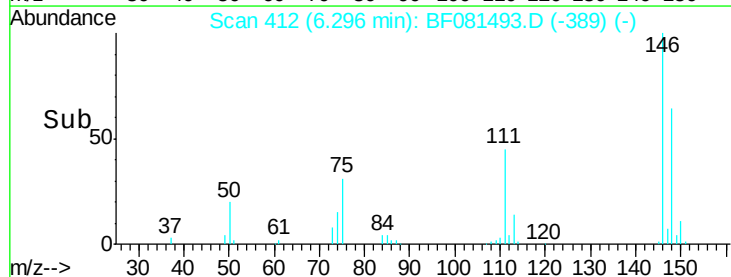
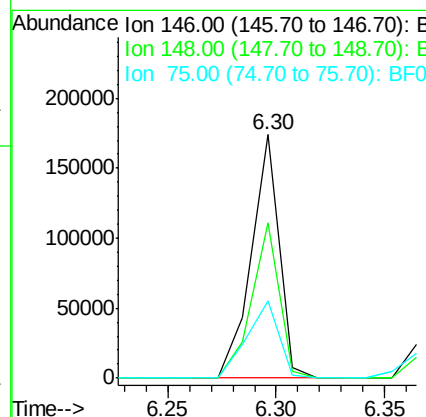
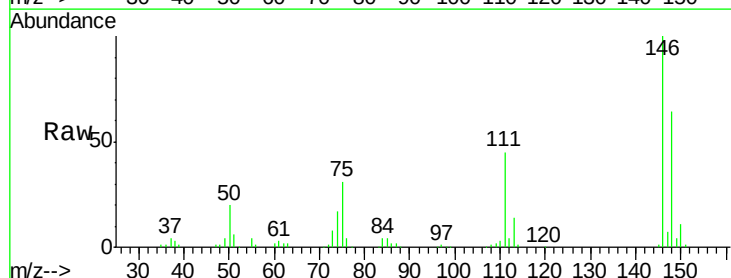
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

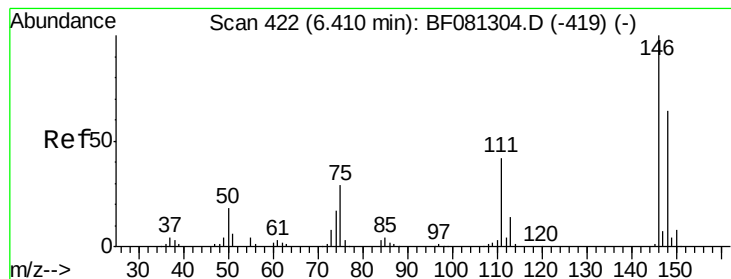
Tot Ion: 93 Resp: 151444
Ion Ratio Lower Upper
93 100
63 98.3 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.25 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion: 146 Resp: 154475
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 31.5 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 35.27 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

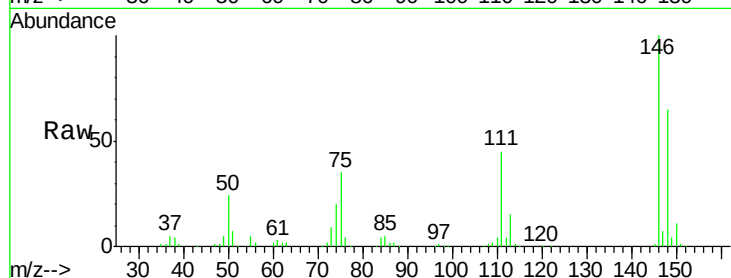
Tot Ion:146 Resp: 157371

Ion Ratio Lower Upper

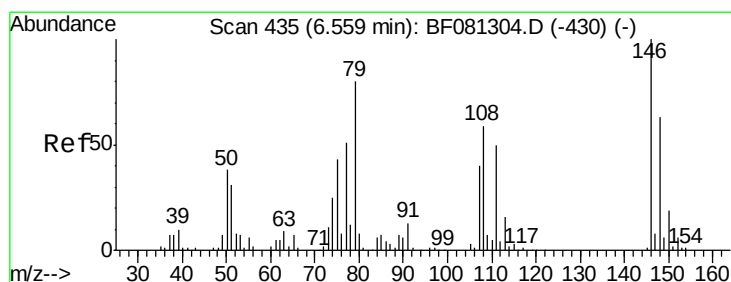
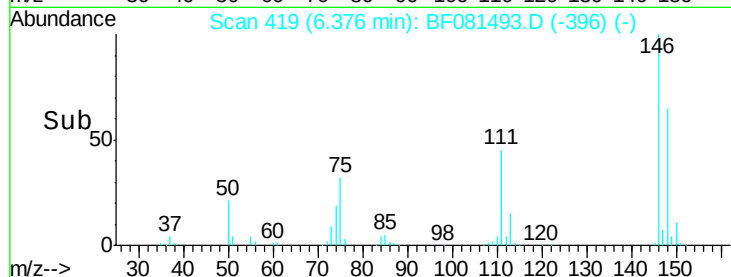
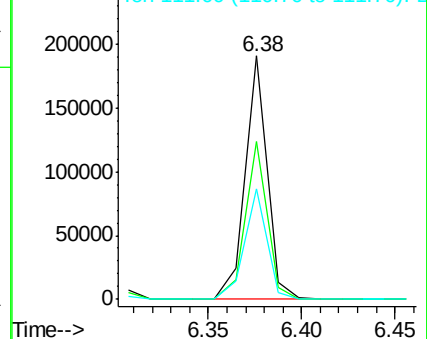
146 100

148 64.8 51.8 77.6

111 45.3 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: 33.53 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

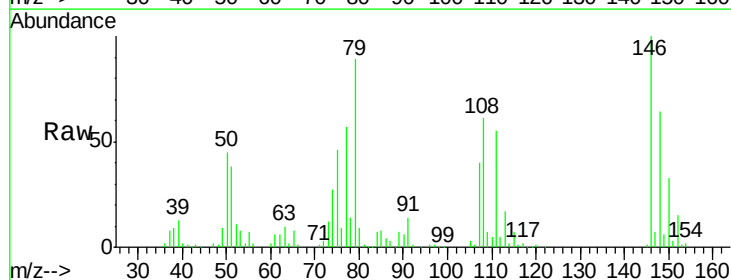
Tgt Ion:146 Resp: 134715

Ion Ratio Lower Upper

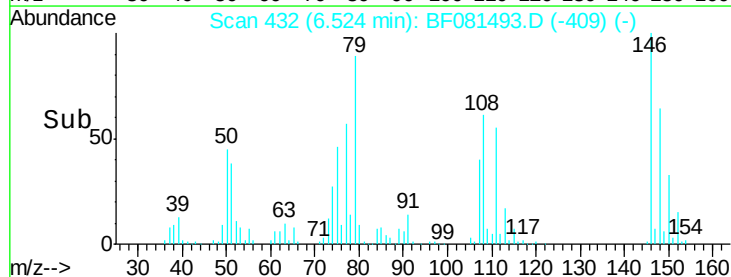
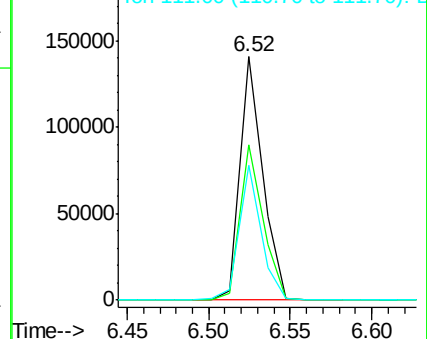
146 100

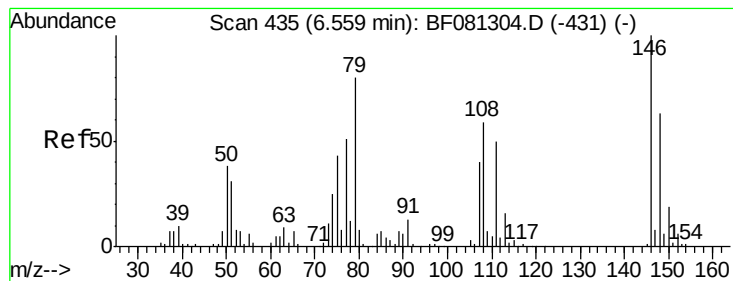
148 63.7 52.7 79.1

111 55.2 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: 34.69 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

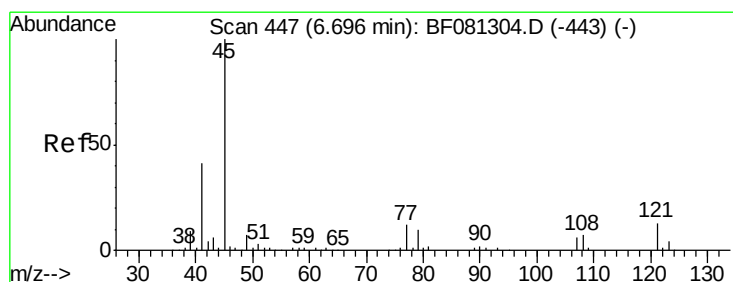
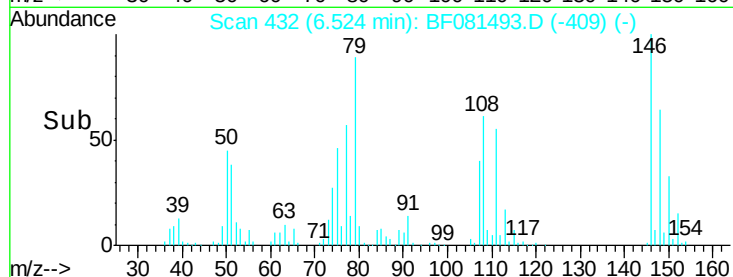
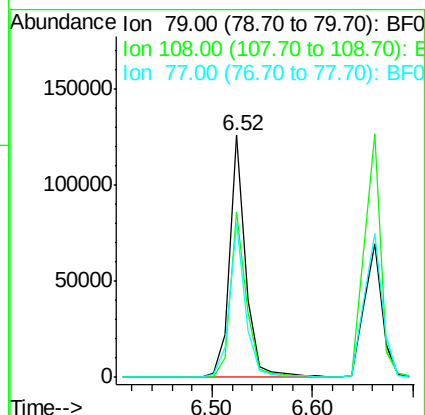
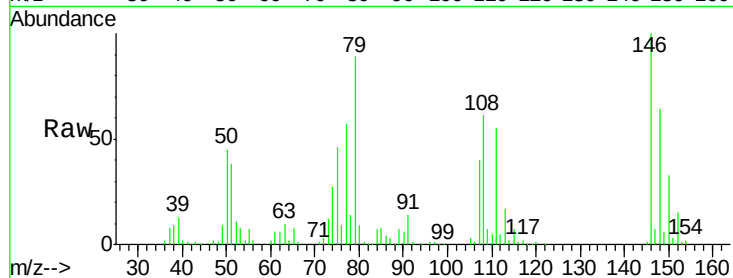
Tot Ion: 79 Resp: 140213

Ion Ratio Lower Upper

79 100

108 68.2 88.6 132.8#

77 63.8 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.80 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

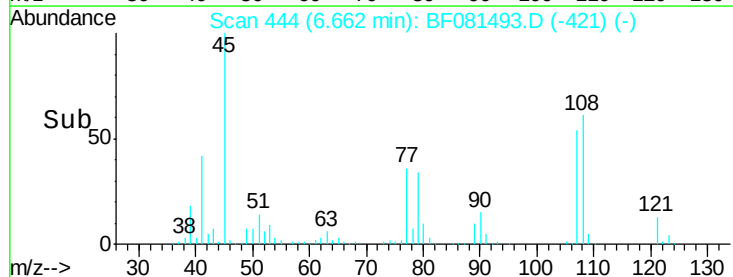
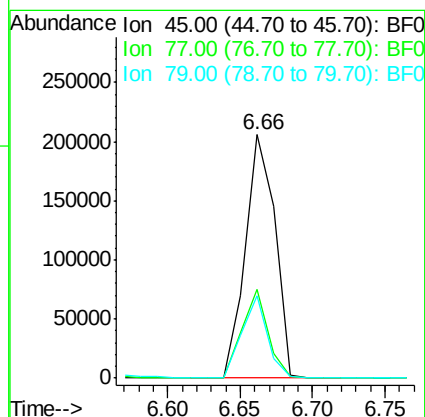
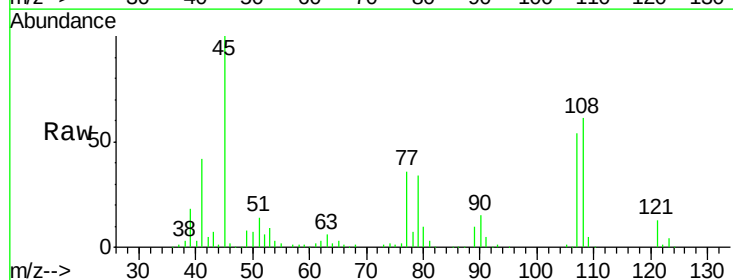
Tgt Ion: 45 Resp: 290743

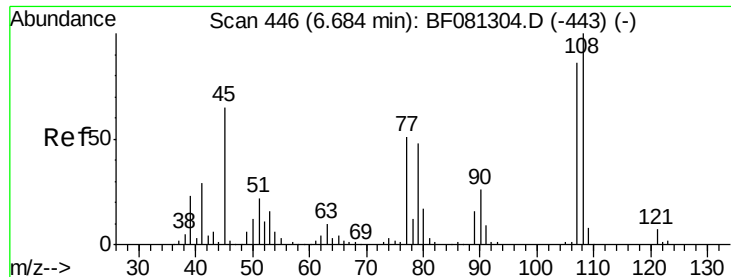
Ion Ratio Lower Upper

45 100

77 36.2 0.0 28.1#

79 33.6 0.0 26.0#

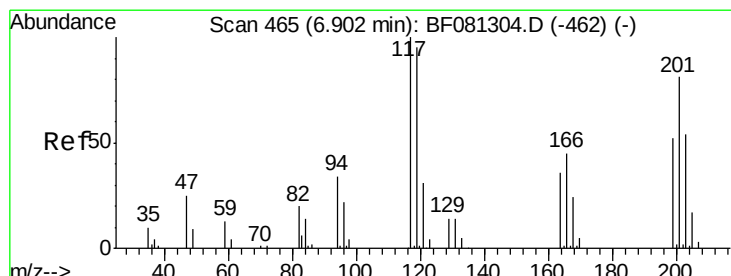
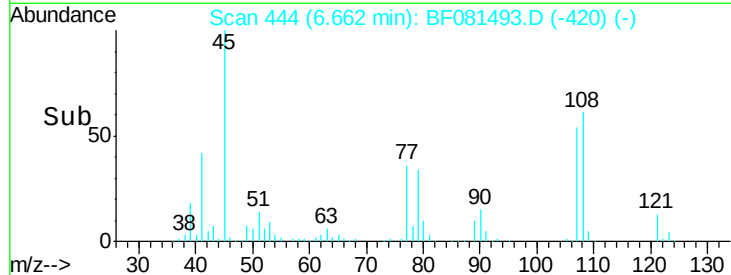
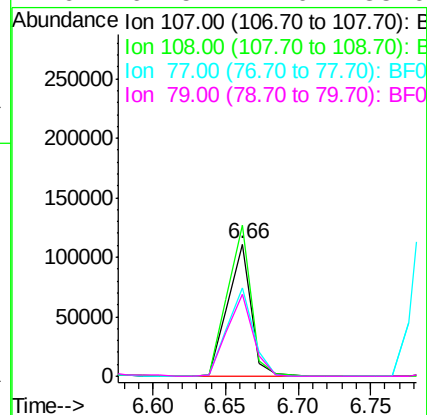
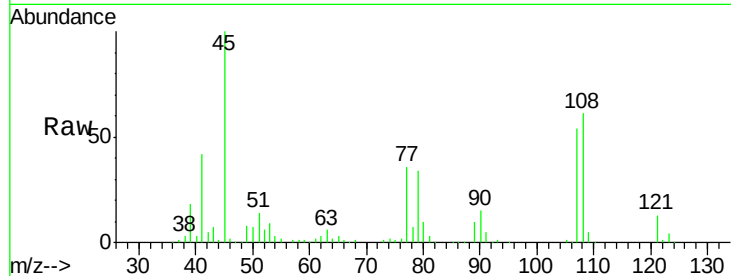




#17
2-Methylphenol
Concen: 37.85 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

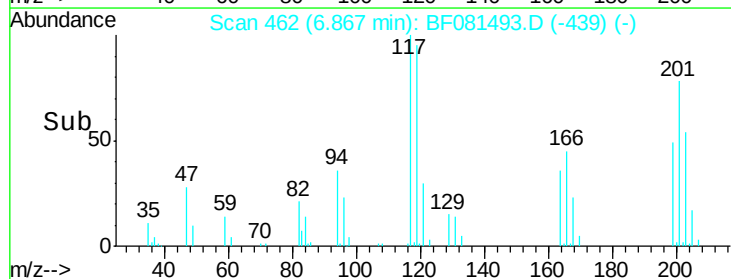
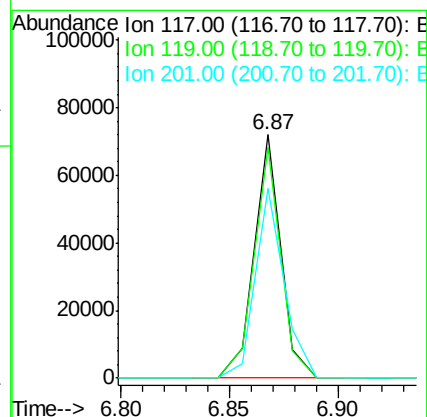
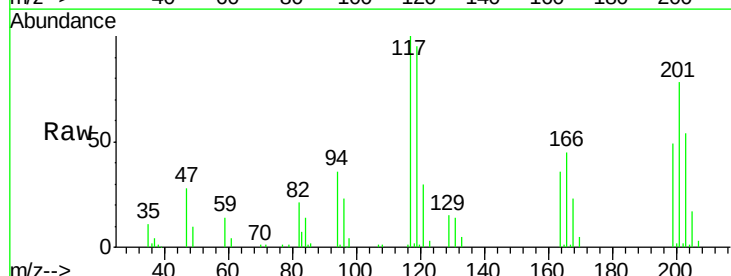
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

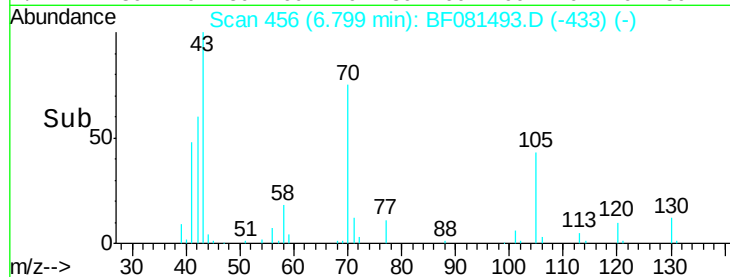
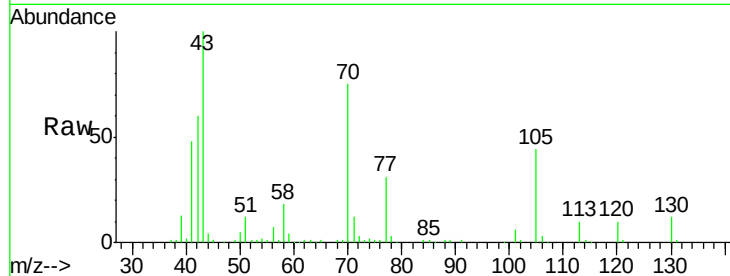
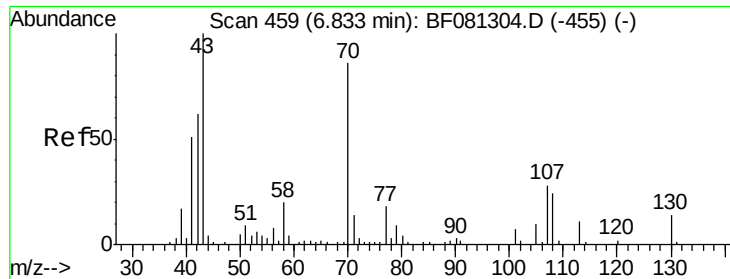
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	96.6	145.0
77	67.3	23.3	34.9
79	62.5	22.0	33.0



#18
Hexachloroethane
Concen: 35.30 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	83.8	125.6
201	77.8	55.1	82.7

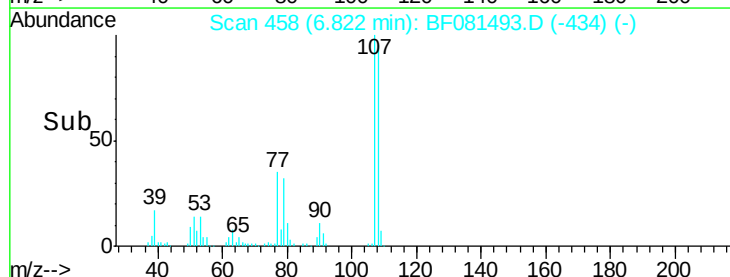
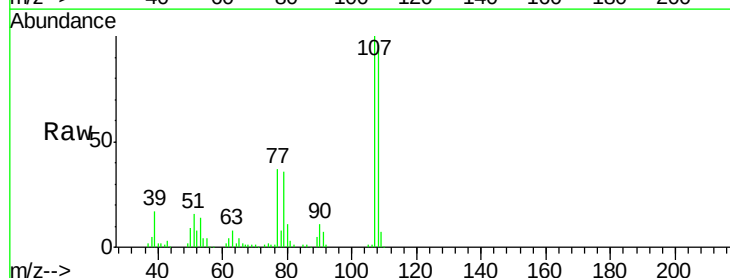
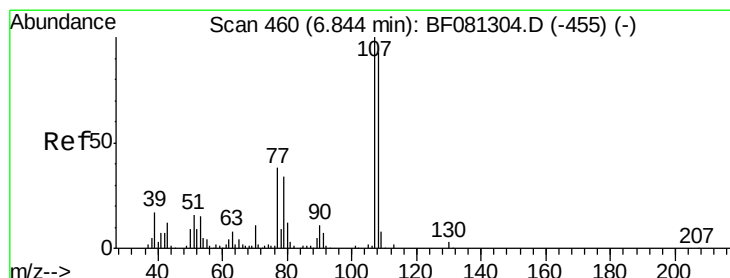
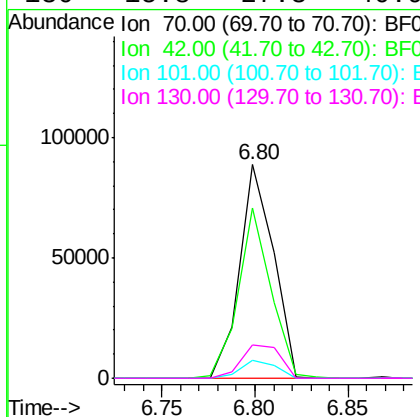




#19
n-Nitroso-di-n-propylamine
Concen: 33.29 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

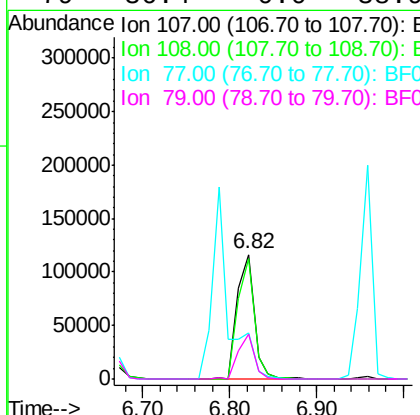
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

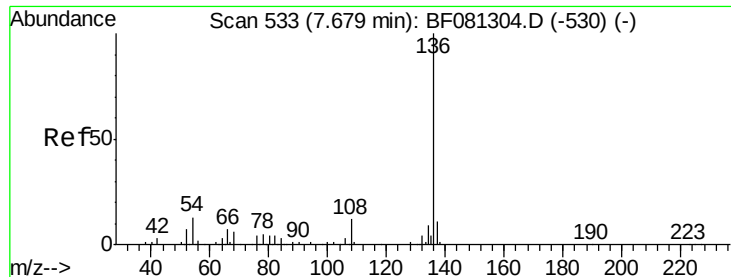
Tot Ion: 70 Resp: 111634
Ion Ratio Lower Upper
70 100
42 80.0 63.8 95.6
101 8.4 9.2 13.8#
130 15.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 36.34 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion: 107 Resp: 160342
Ion Ratio Lower Upper
107 100
108 96.4 74.6 114.6
77 37.5 0.7 40.7
79 36.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

Tot Ion:136 Resp: 211936

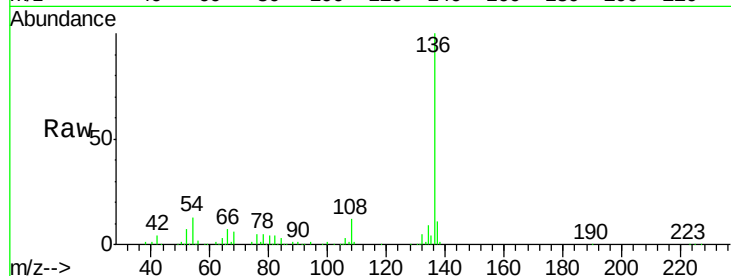
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 13.4 8.2 12.2#

68 5.7 5.8 8.6#

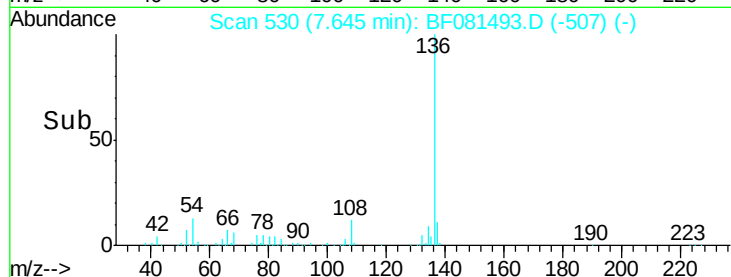


Abundance Ion 136.00 (135.70 to 136.70): E

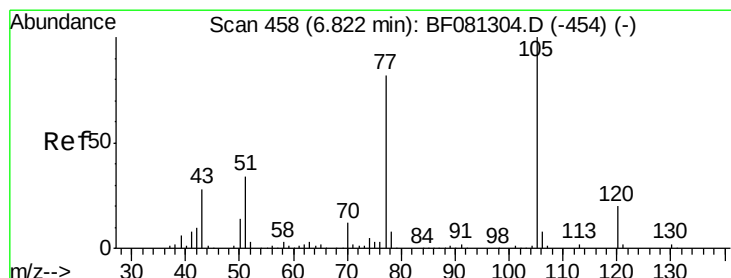
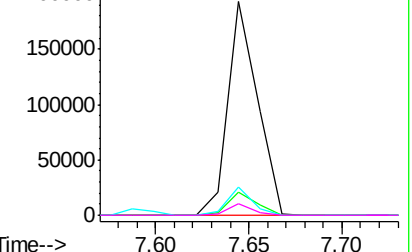
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.86 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Tgt Ion:105 Resp: 219169

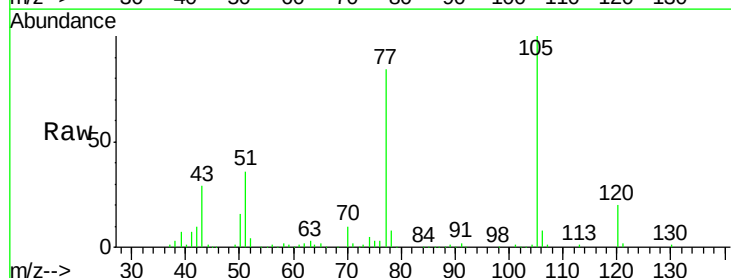
Ion Ratio Lower Upper

105 100

71 1.6 4.7 7.1#

51 36.3 22.0 33.0#

120 19.7 30.1 45.1#

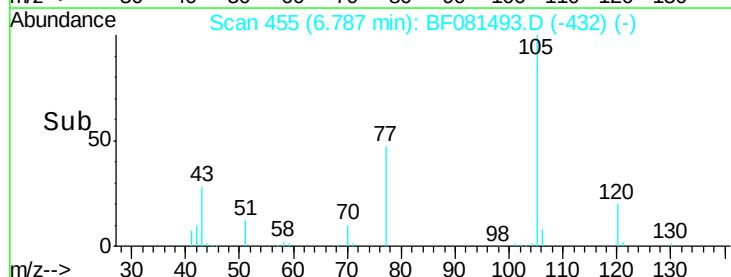


Abundance Ion 105.00 (104.70 to 105.70): E

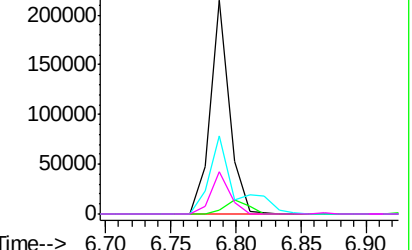
Ion 71.00 (70.70 to 71.70): BF0

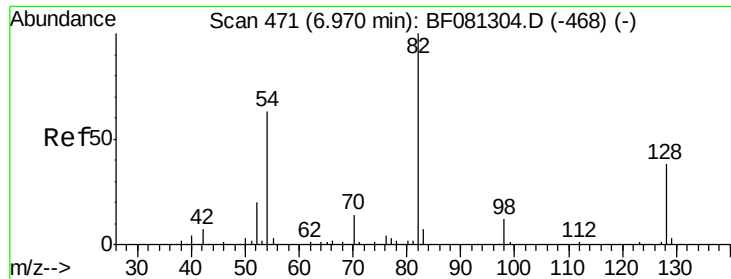
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

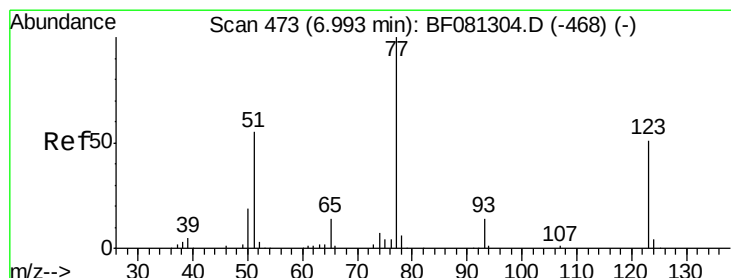
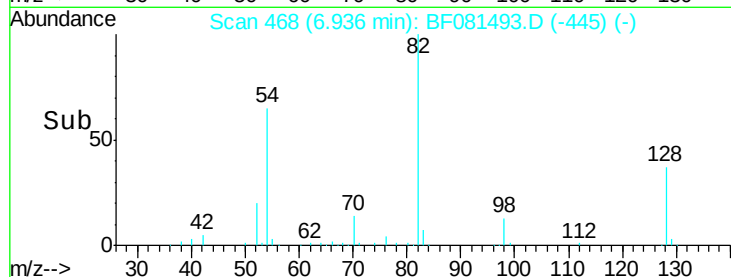
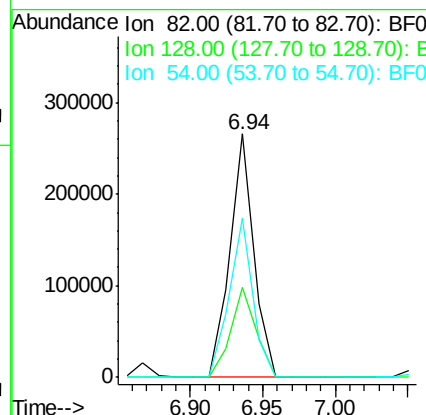
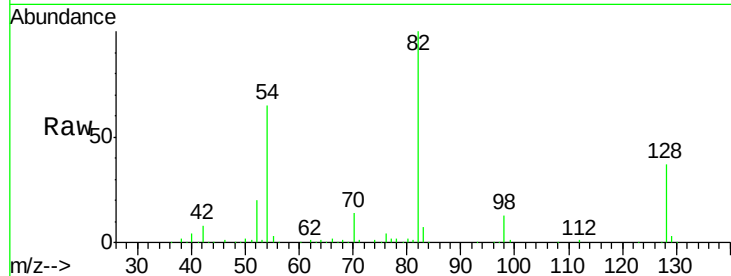




#23
Nitrobenzene-d5
Concen: 69.54 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

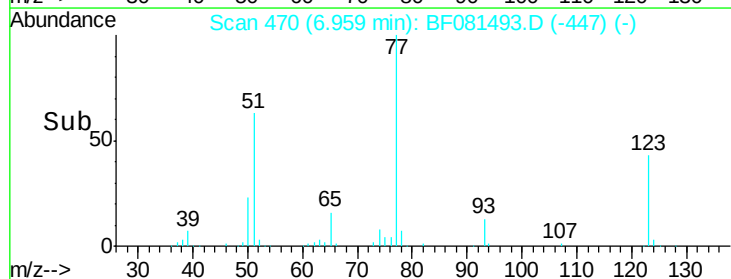
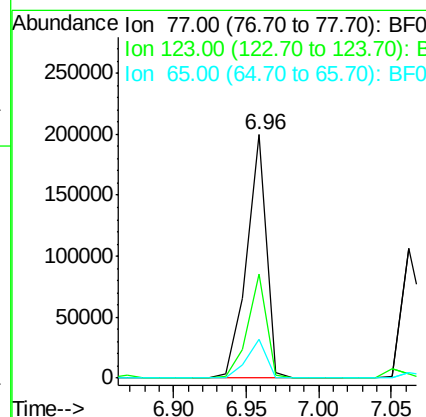
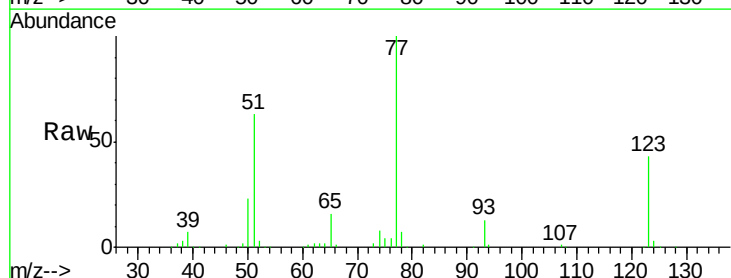
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

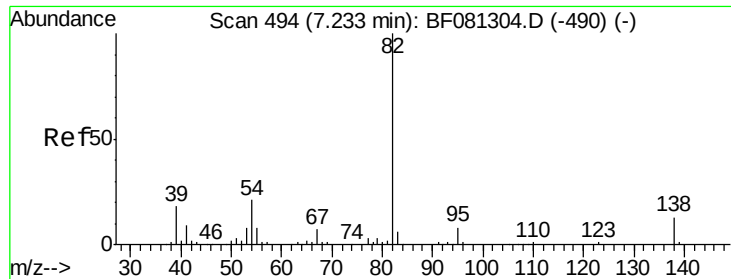
Tot Ion: 82 Resp: 305480
Ion Ratio Lower Upper
82 100
128 36.9 51.0 76.6#
54 65.4 47.5 71.3



#24
Nitrobenzene
Concen: 41.54 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion: 77 Resp: 189492
Ion Ratio Lower Upper
77 100
123 42.8 59.8 89.8#
65 15.8 10.2 15.4#





#25

Isophorone

Concen: 36.63 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

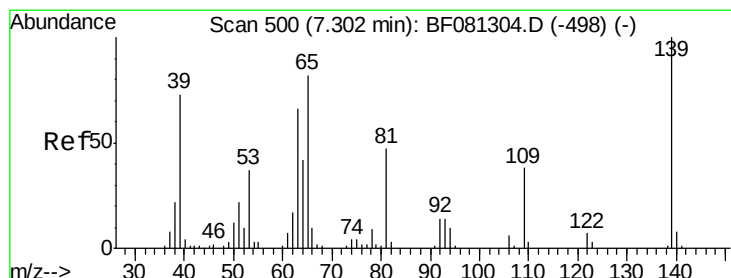
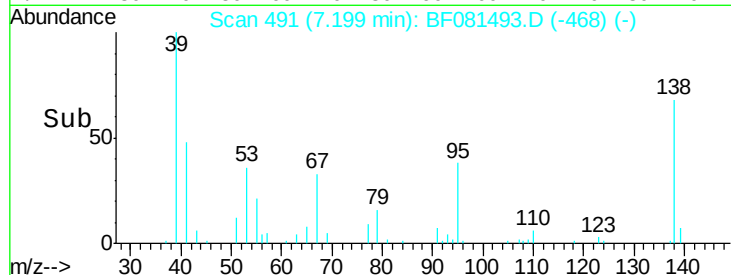
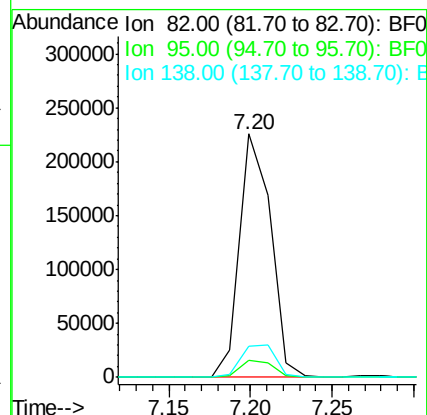
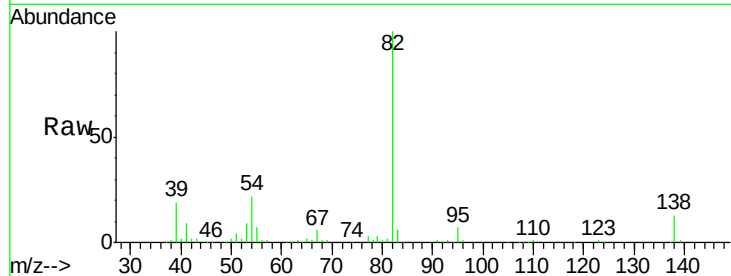
Tot Ion: 82 Resp: 299294

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

138 12.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 38.55 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

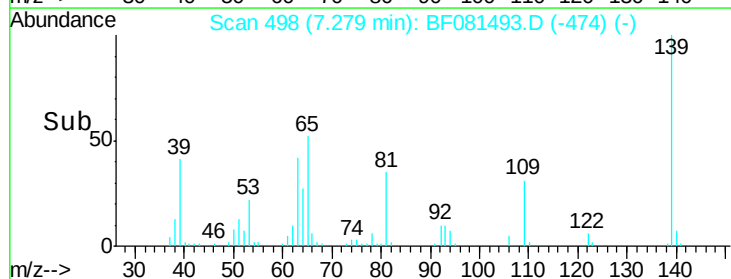
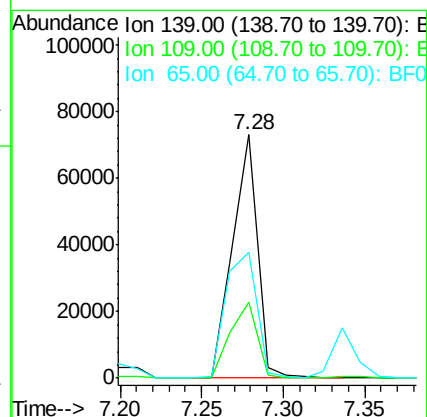
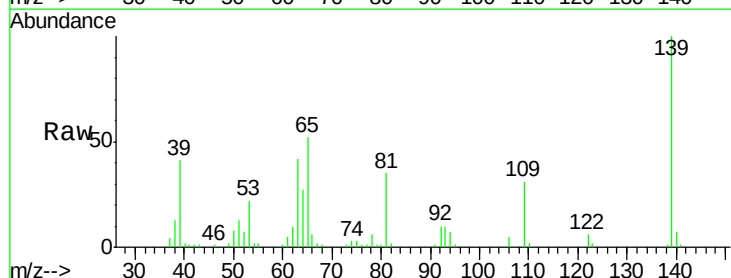
Tgt Ion: 139 Resp: 76653

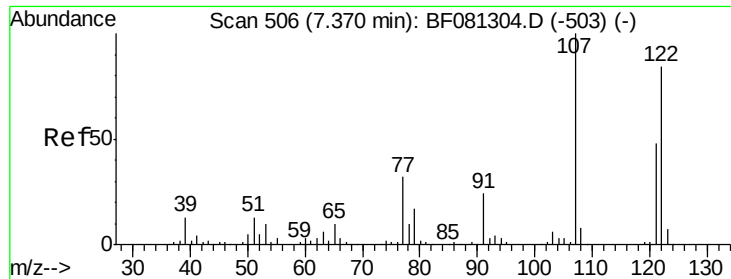
Ion Ratio Lower Upper

139 100

109 31.4 11.0 16.4#

65 51.6 24.7 37.1#

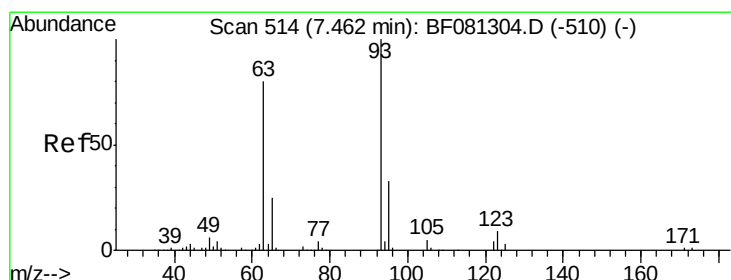
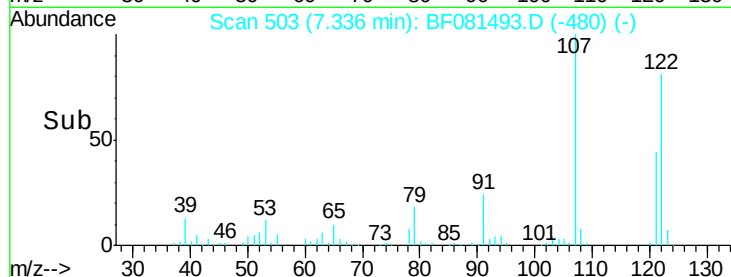
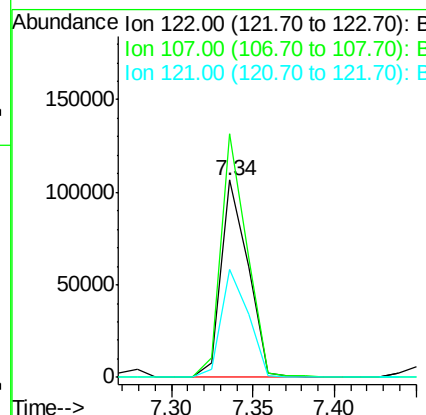
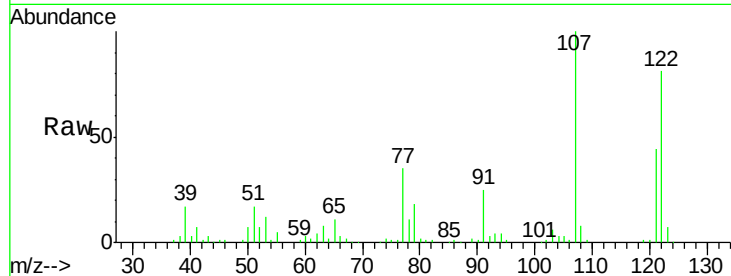




#27
 2,4-Dimethylphenol
 Concen: 35.48 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

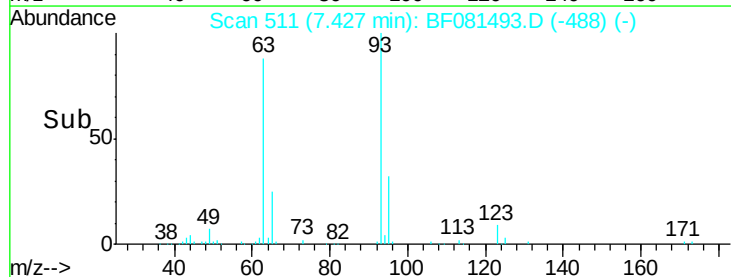
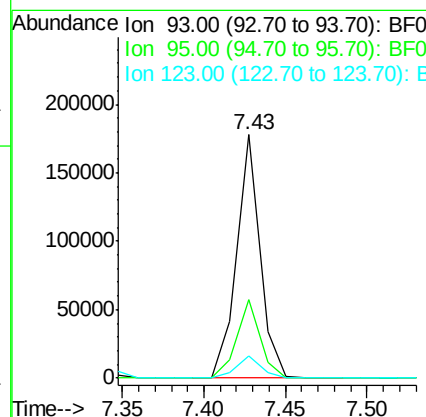
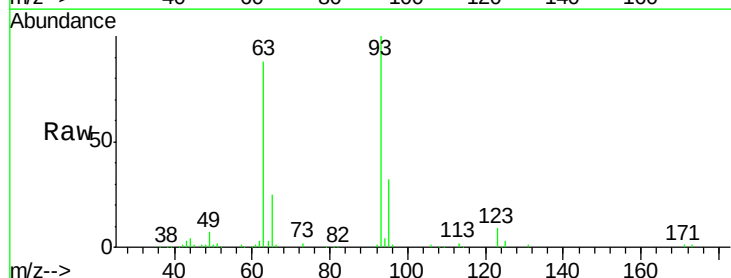
Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

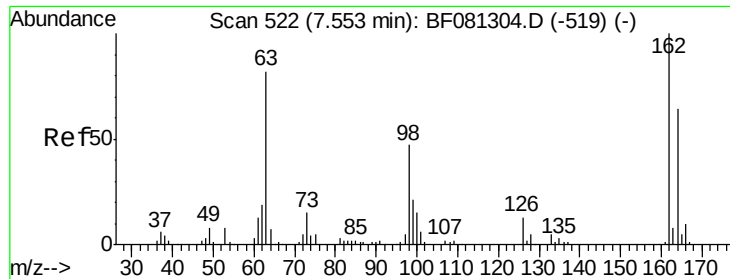
Tot Ion:122 Resp: 121837
 Ion Ratio Lower Upper
 122 100
 107 123.5 71.8 107.6#
 121 54.4 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.93 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion: 93 Resp: 174270
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.5 41.3
 123 9.0 13.7 20.5#

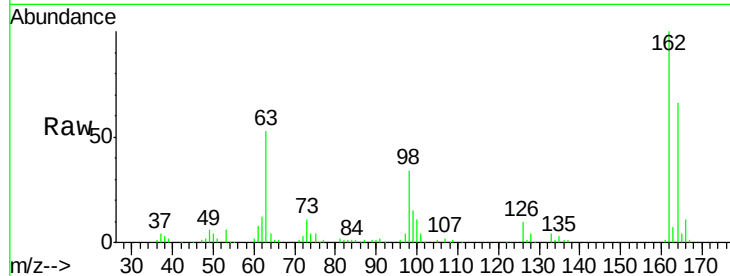




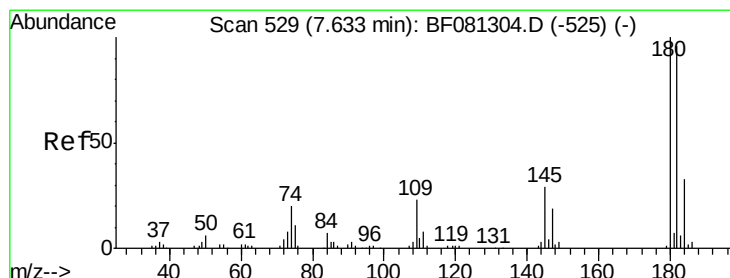
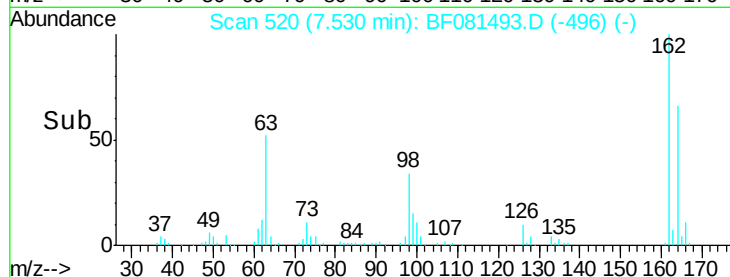
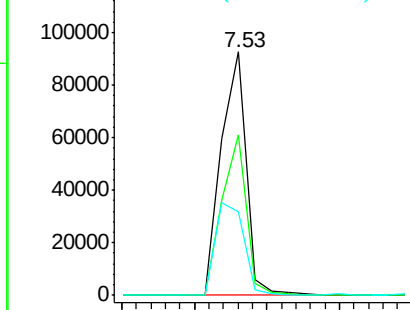
#29
 2,4-Dichlorophenol
 Concen: 37.41 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.9	84.9
98	34.2	13.0	53.0

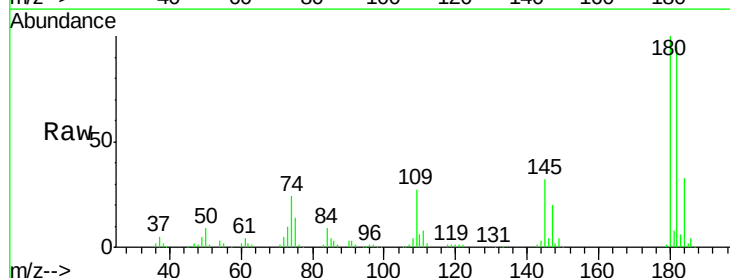


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

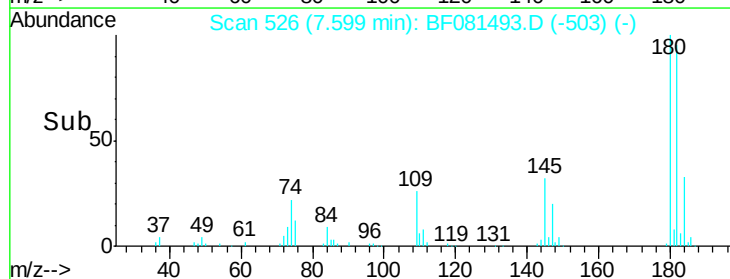
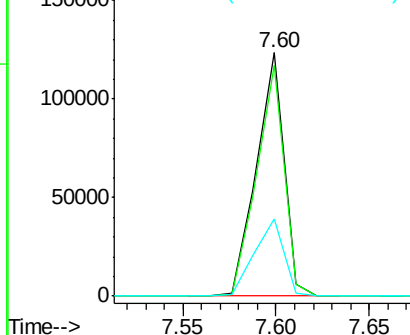


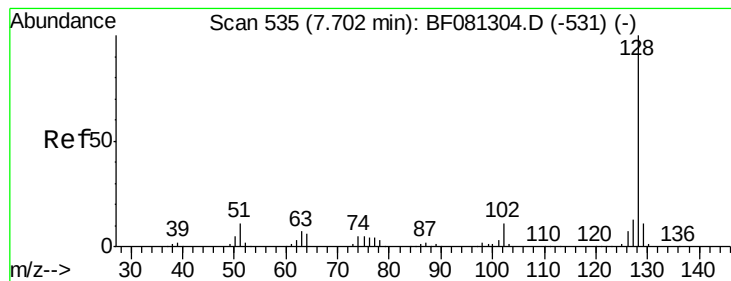
#30
 1,2,4-Trichlorobenzene
 Concen: 38.92 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	31.7	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: 35.56 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

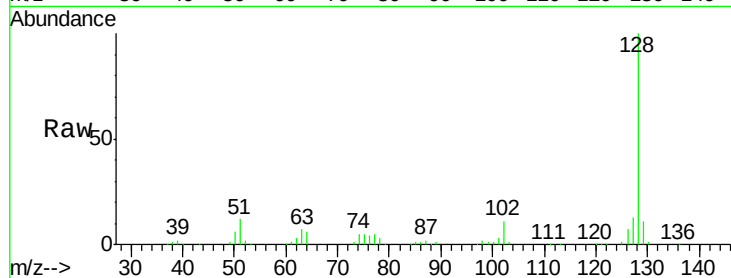
Tot Ion:128 Resp: 401911

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

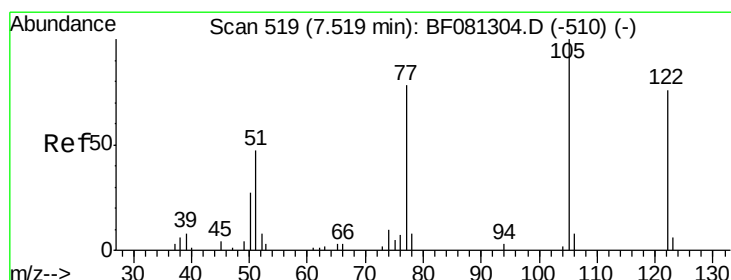
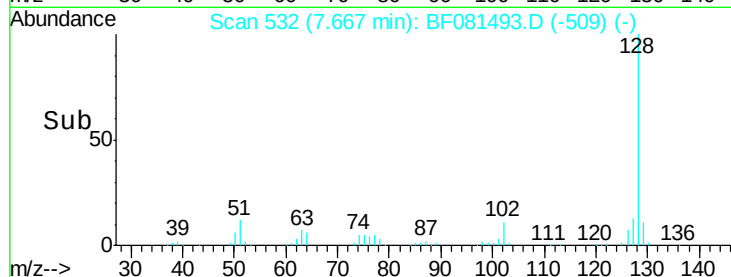
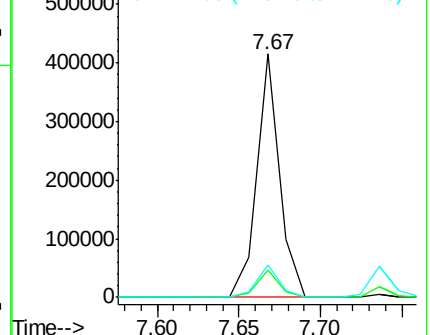
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.84 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

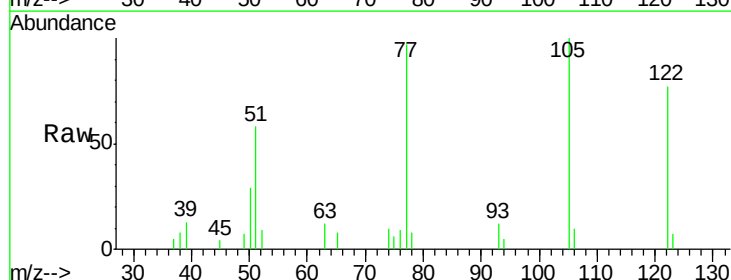
Tgt Ion:122 Resp: 11127

Ion Ratio Lower Upper

122 100

105 130.1 76.1 116.1#

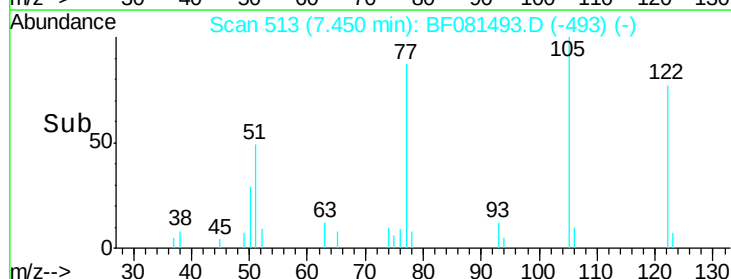
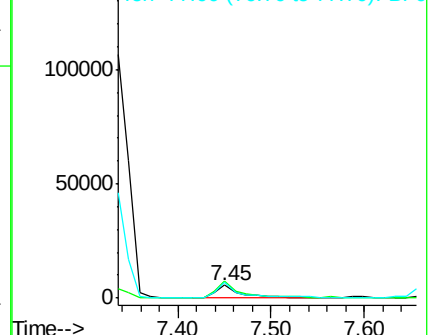
77 125.6 40.5 80.5#

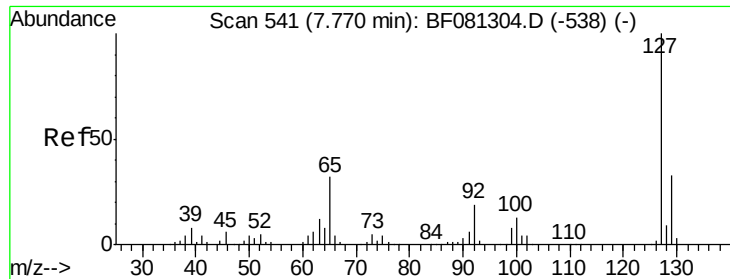


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

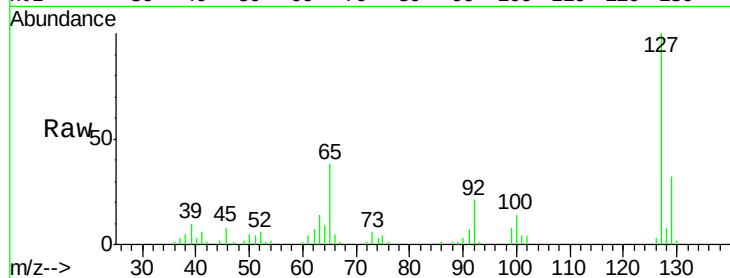




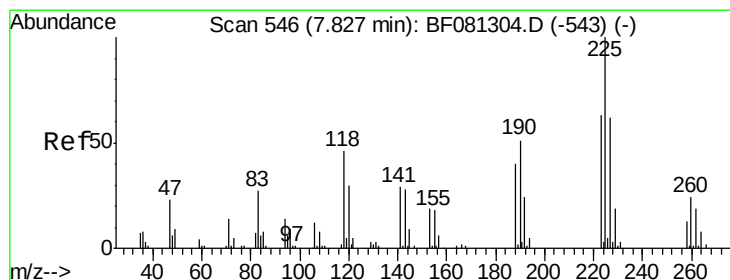
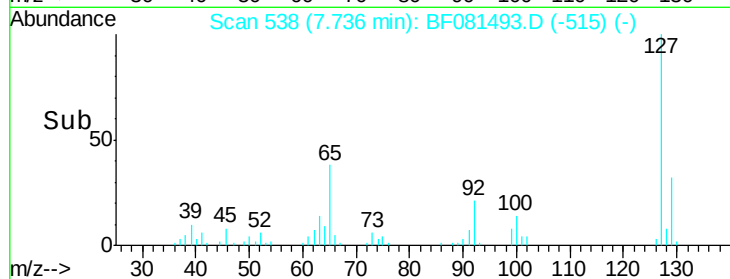
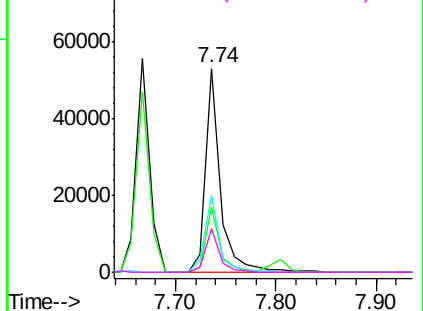
#33
4-Chloroaniline
Concen: 11.86 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

Tot Ion:	127	Resp:	54687
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	37.8	17.9	26.9#
92	21.4	10.5	15.7#

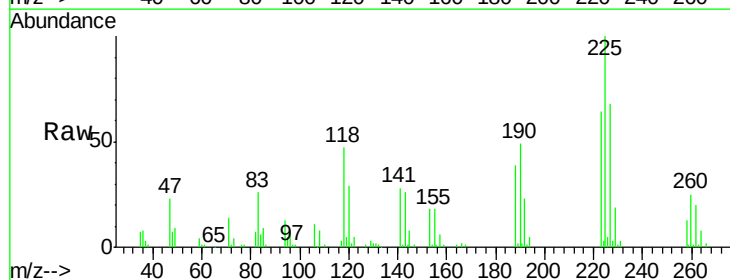


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

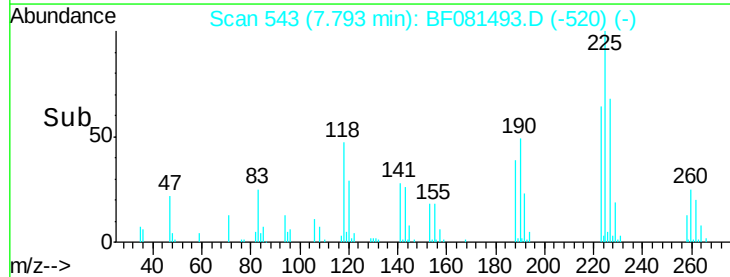
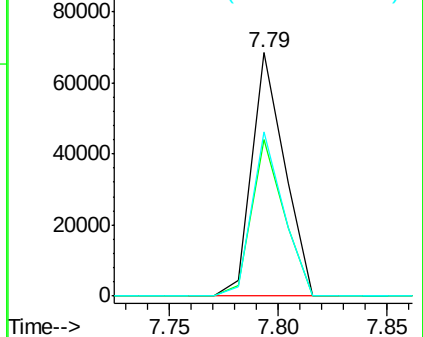


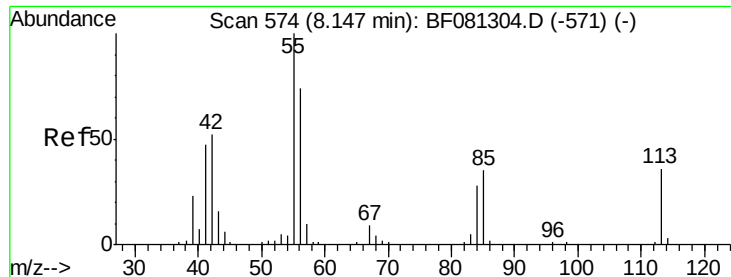
#34
Hexachlorobutadiene
Concen: 36.47 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion:	225	Resp:	71802
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	67.7	52.2	78.2



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





#35

Caprolactam

Concen: 24.05 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

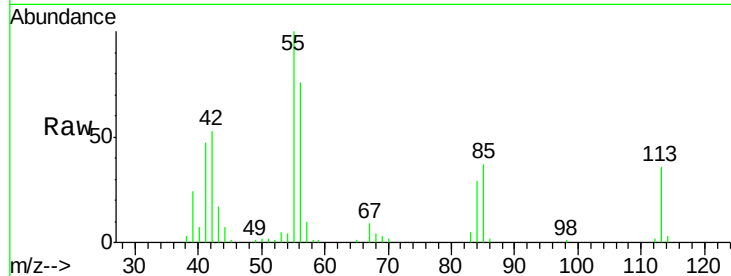
Tot Ion:113 Resp: 21969

Ion Ratio Lower Upper

113 100

55 278.1 152.4 192.4#

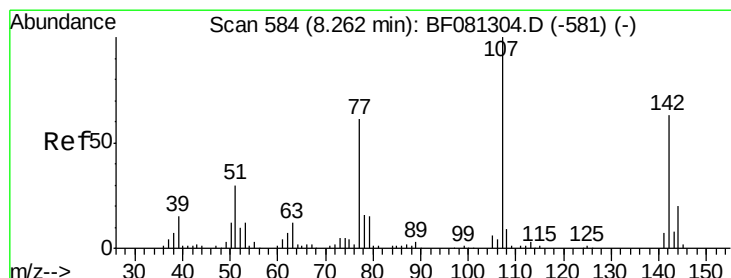
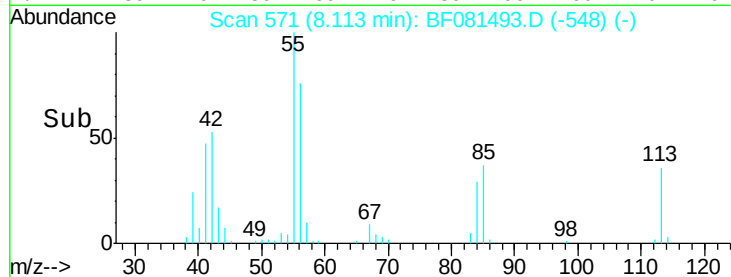
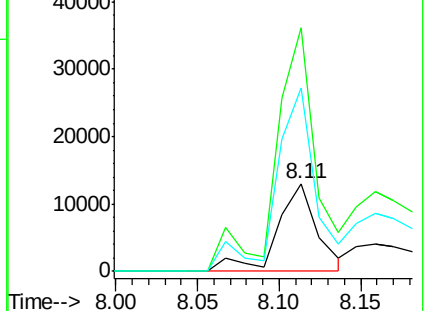
56 210.2 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.12 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

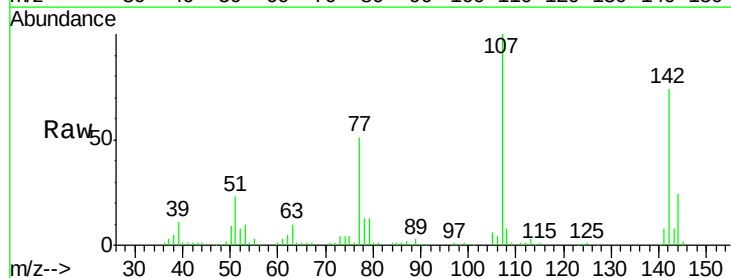
Tgt Ion:107 Resp: 147067

Ion Ratio Lower Upper

107 100

144 23.9 25.4 38.0#

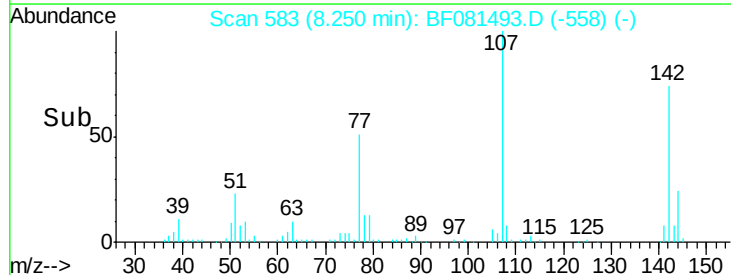
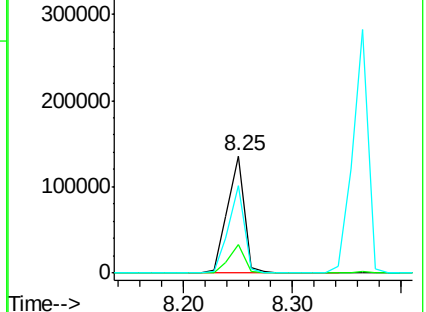
142 74.3 77.3 115.9#

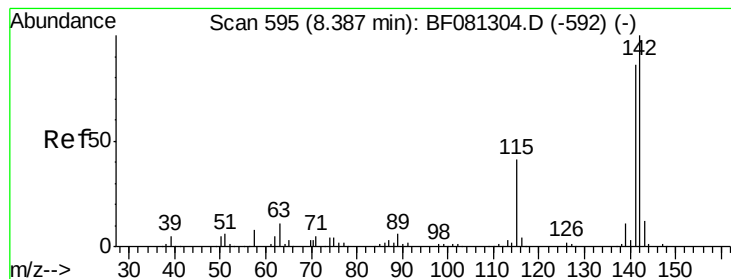


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

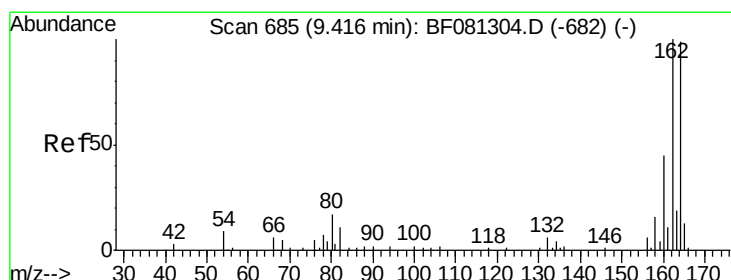
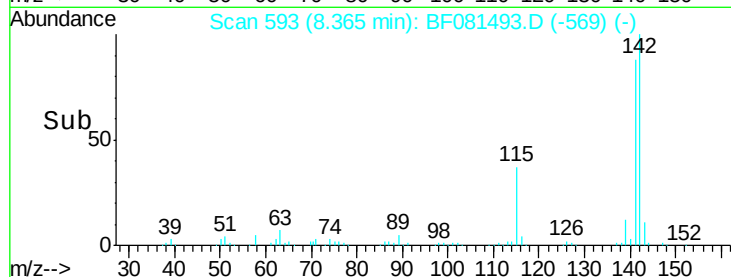
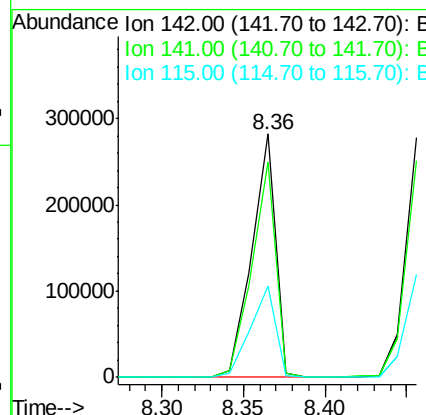
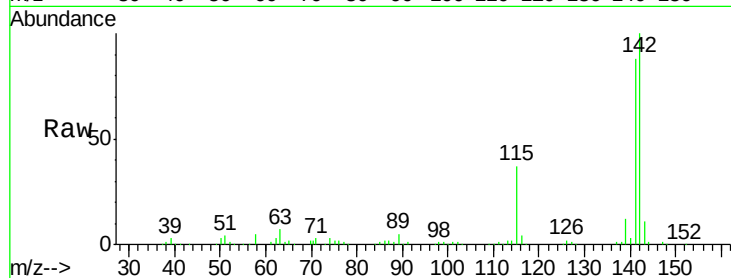




#37
 2-Methylnaphthalene
 Concen: 38.94 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

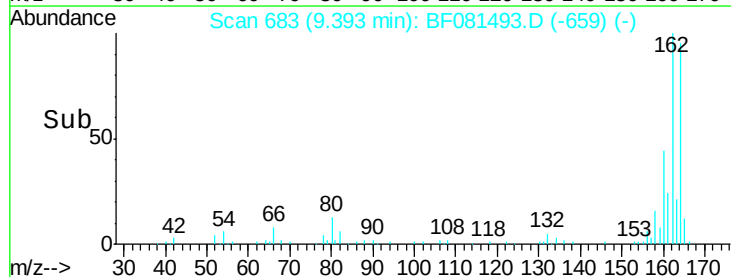
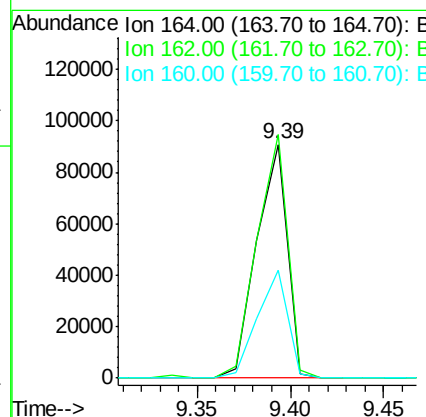
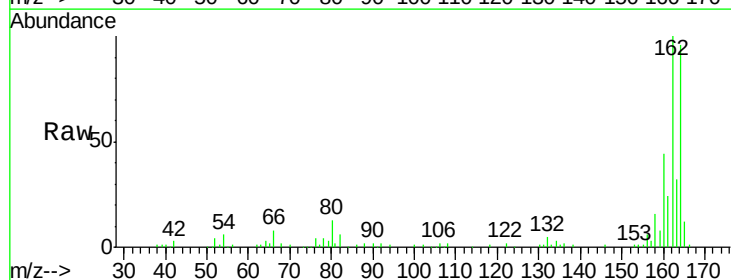
Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

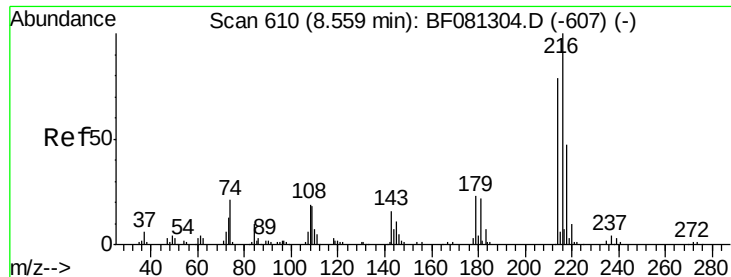
Tot Ion:142 Resp: 286407
 Ion Ratio Lower Upper
 142 100
 141 88.4 67.5 101.3
 115 37.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion:164 Resp: 102768
 Ion Ratio Lower Upper
 164 100
 162 104.3 75.2 112.8
 160 46.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.15 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

Tot Ion:216 Resp: 107741

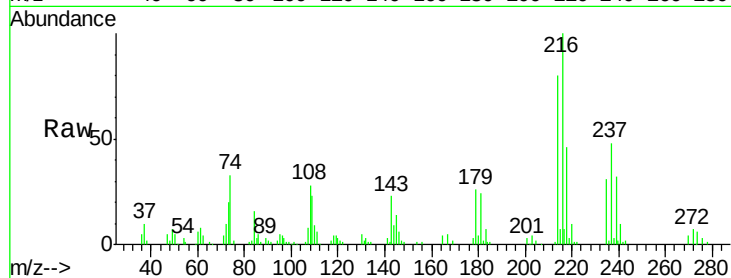
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 22.7 16.6 24.8

108 23.9 16.3 24.5

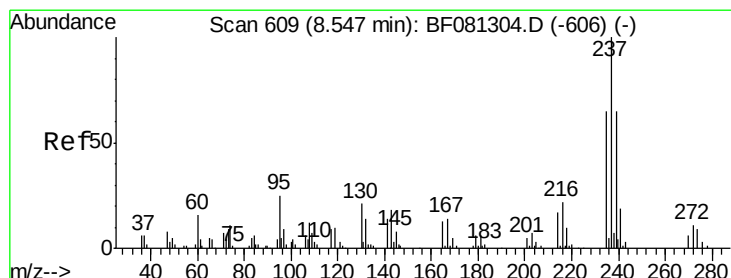
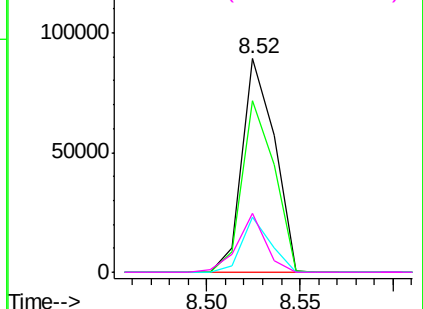
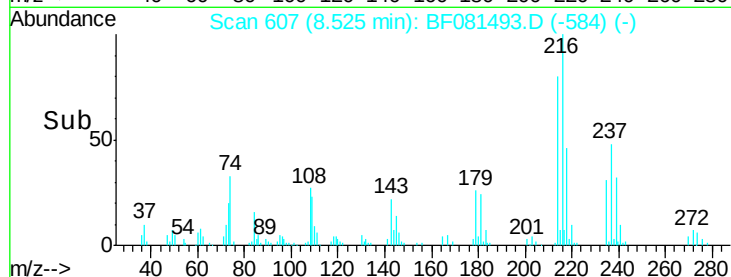


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.64 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

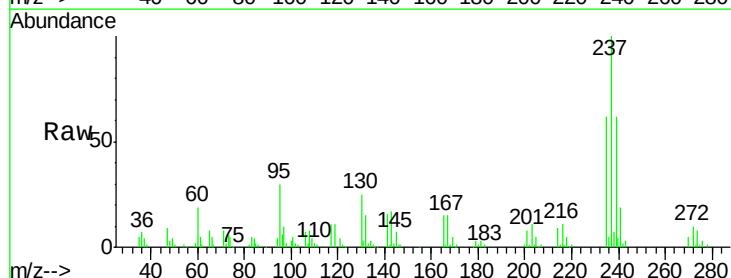
Tgt Ion:237 Resp: 101504

Ion Ratio Lower Upper

237 100

235 62.2 42.0 82.0

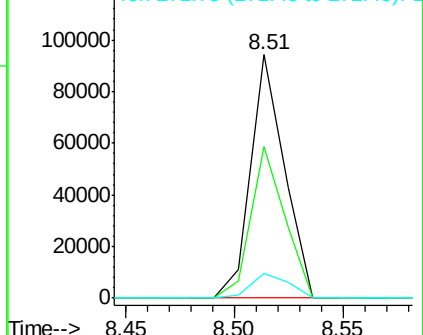
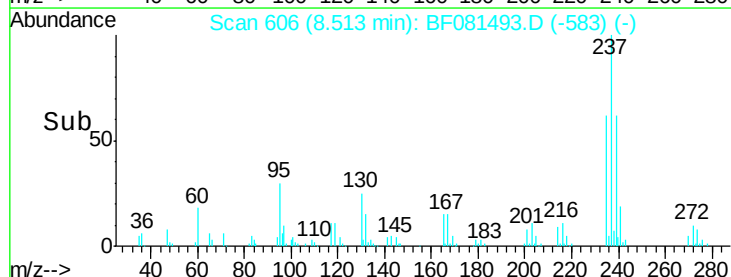
272 10.3 0.0 36.1

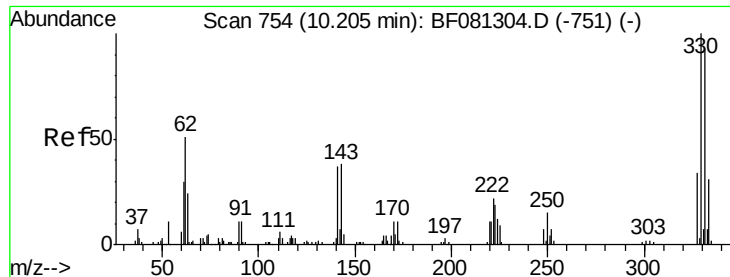


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

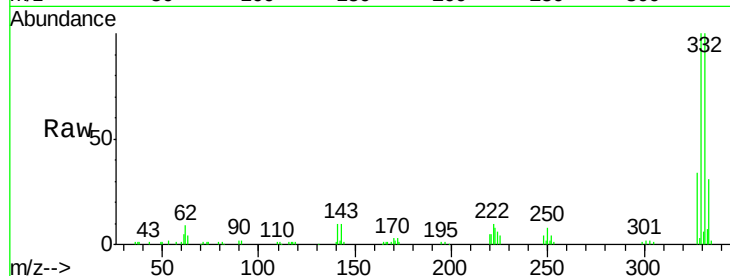




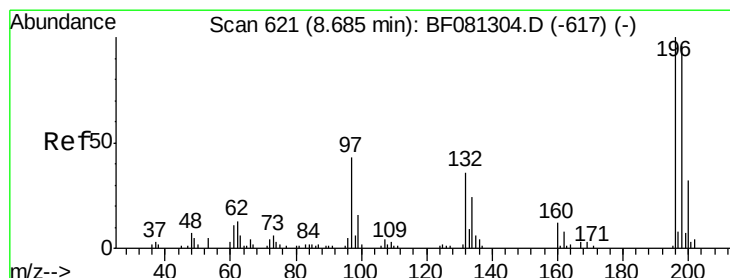
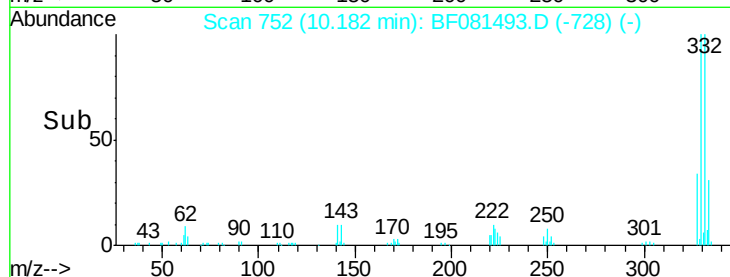
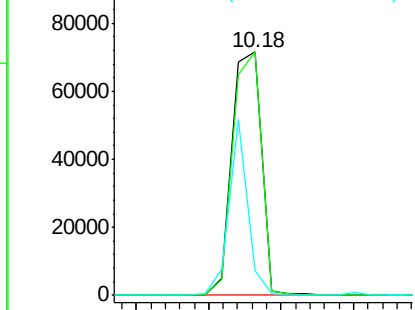
#41
 2,4,6-Tribromophenol
 Concen: 110.61 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Tot Ion	330	332	141	Resp	Lower	Upper
101213	100	97.4	45.5		76.6	114.8
					29.7	44.5

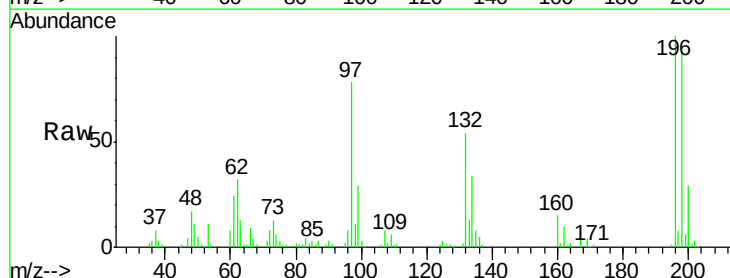


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

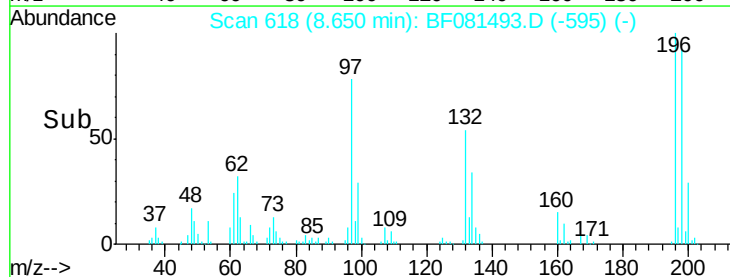
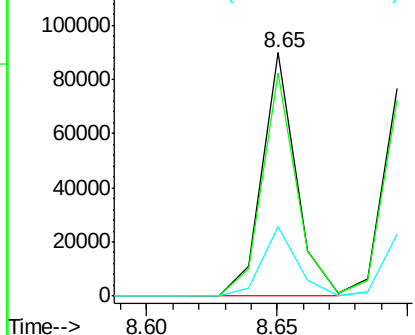


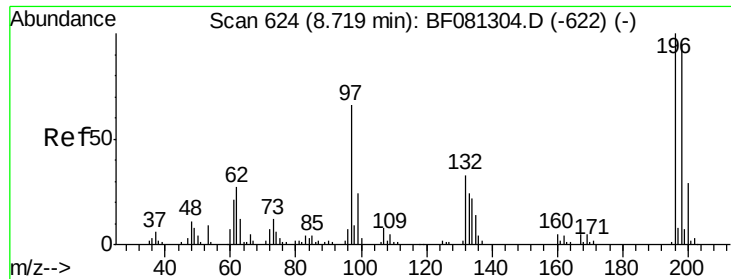
#42
 2,4,6-Trichlorophenol
 Concen: 36.27 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion	196	198	200	Resp	Lower	Upper
81356	100	91.7	28.7		75.7	113.5
					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

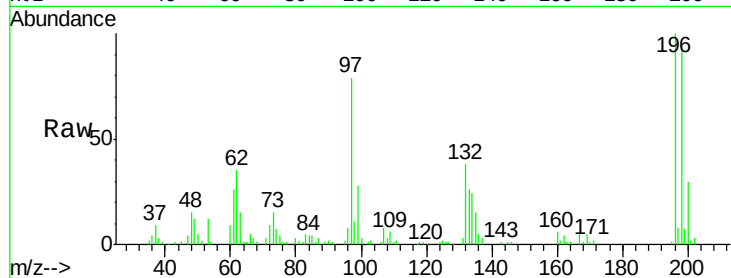




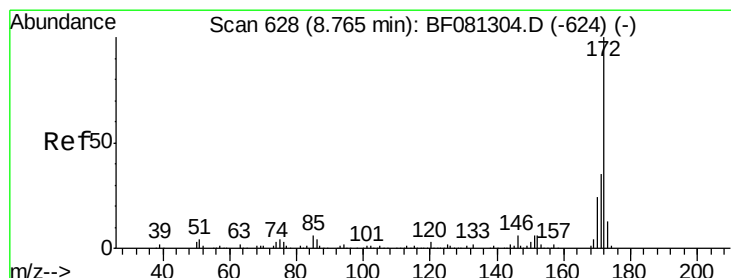
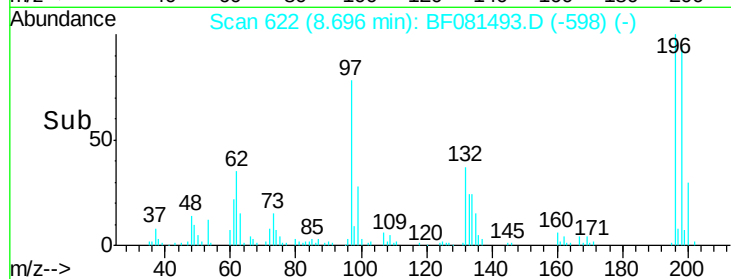
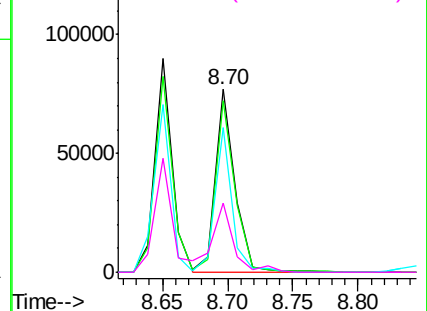
#43
 2,4,5-Trichlorophenol
 Concen: 34.98 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.4	113.0
97	79.1	33.3	49.9
132	37.8	24.6	37.0

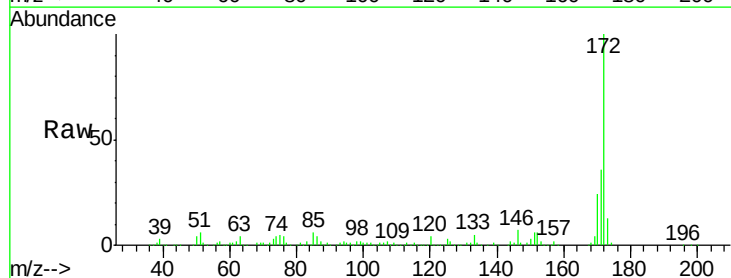


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

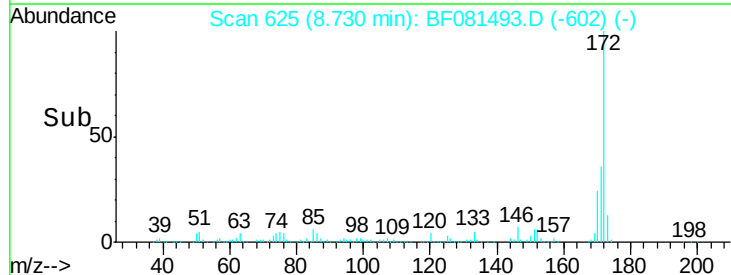
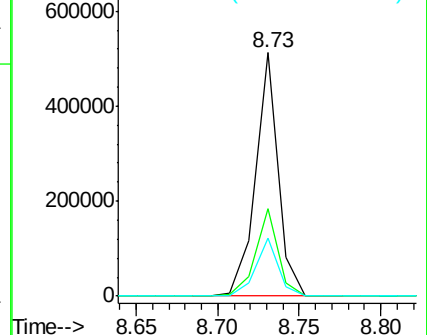


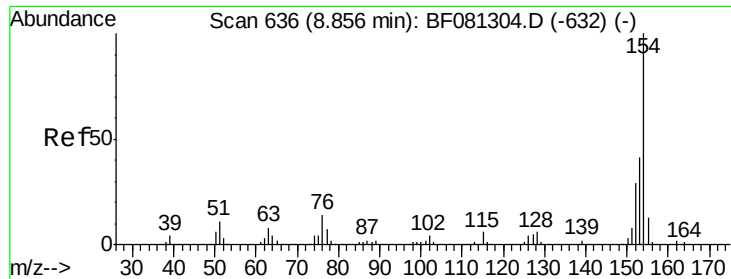
#44
 2-Fluorobiphenyl
 Concen: 61.53 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	23.7	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: 33.90 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

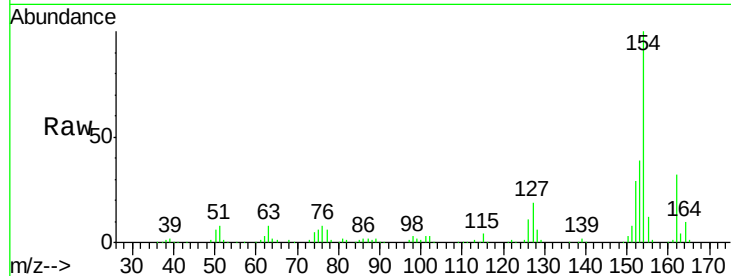
Tot Ion:154 Resp: 320511

Ion Ratio Lower Upper

154 100

153 39.3 17.1 57.1

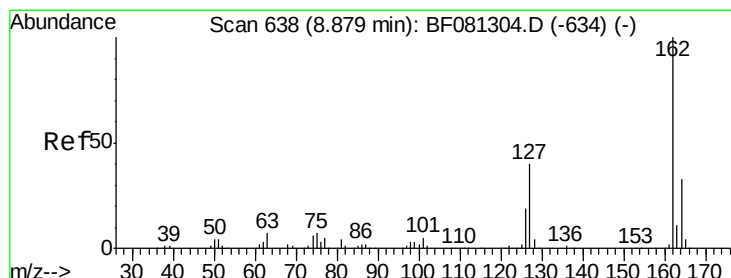
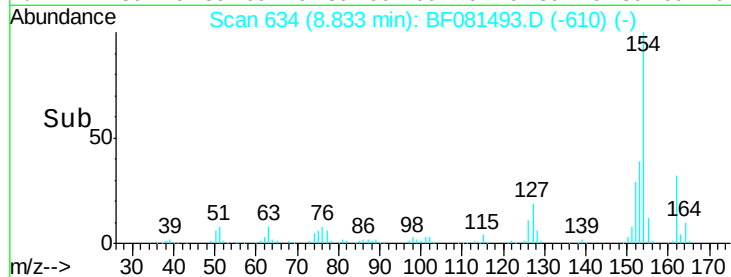
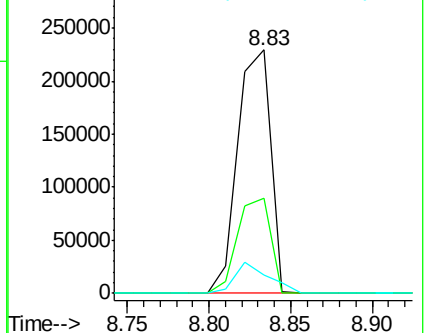
76 7.6 0.0 31.6



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: 36.83 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

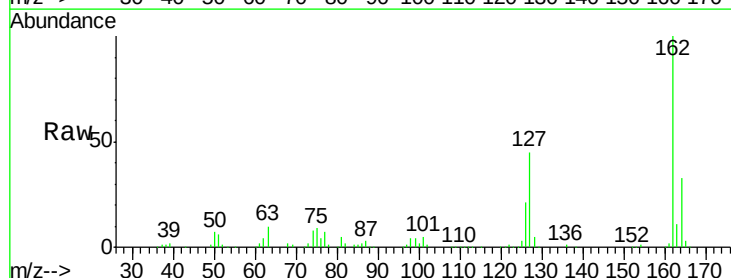
Tgt Ion:162 Resp: 251451

Ion Ratio Lower Upper

162 100

127 45.5 27.6 41.4#

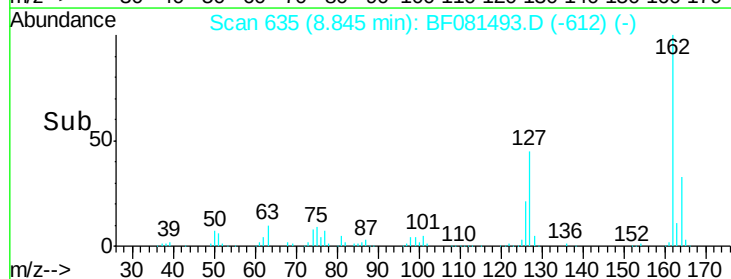
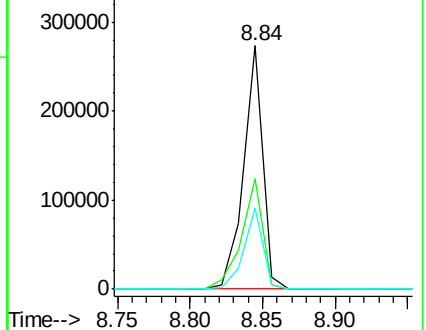
164 33.1 25.4 38.2

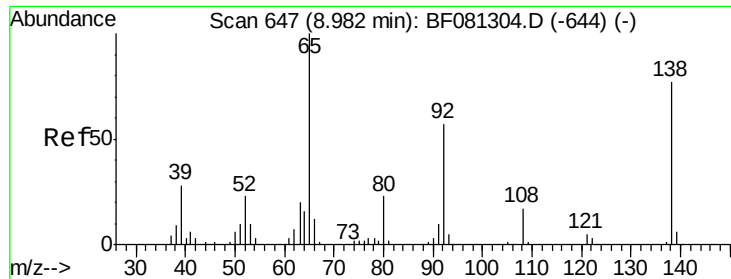


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.06 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

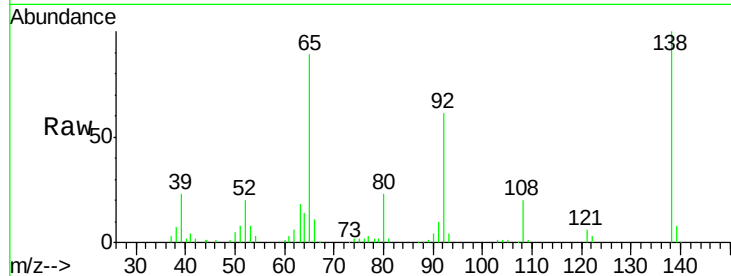
Tot Ion: 65 Resp: 103141

Ion Ratio Lower Upper

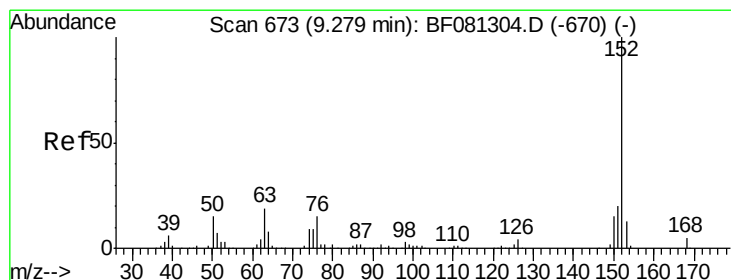
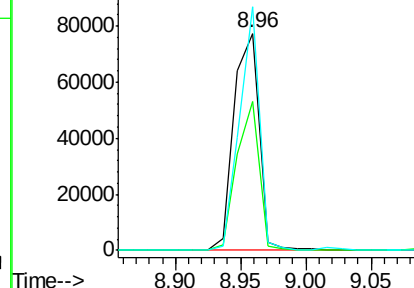
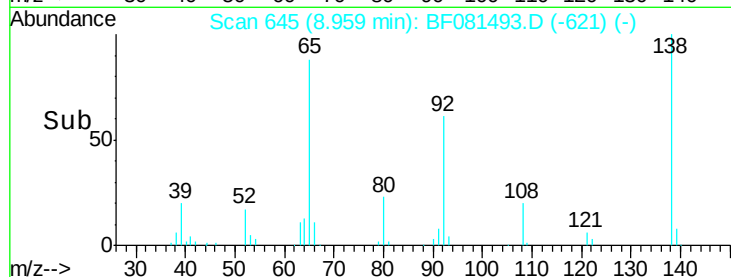
65 100

92 68.5 55.4 83.0

138 112.0 115.5 173.3#



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



#48

Acenaphthylene

Concen: 32.83 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

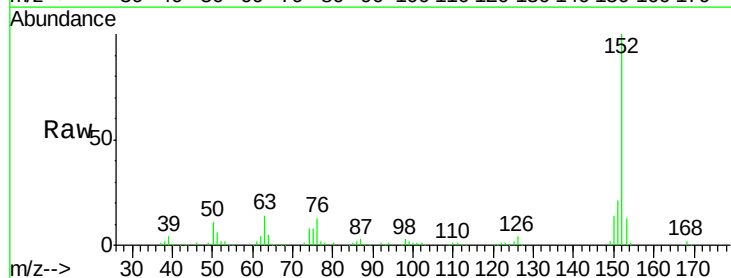
Tgt Ion: 152 Resp: 397633

Ion Ratio Lower Upper

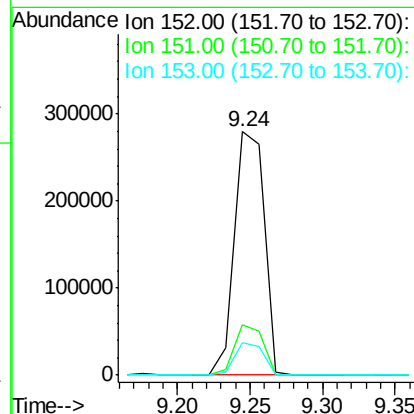
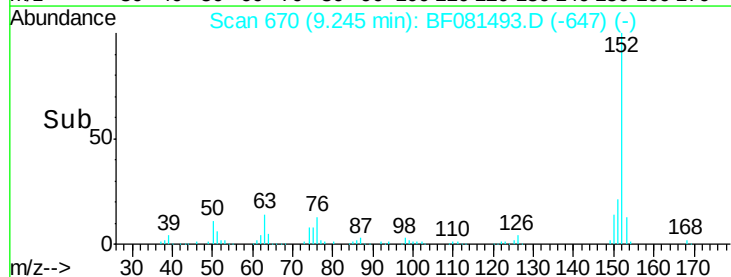
152 100

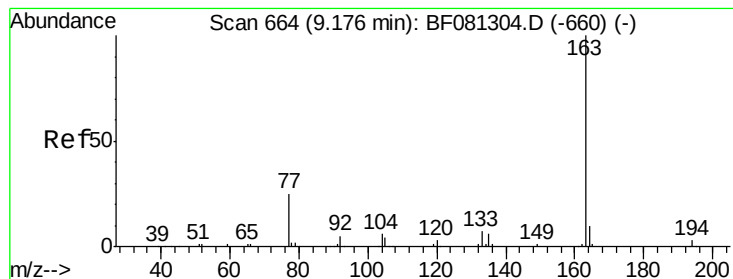
151 20.6 14.6 22.0

153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 45.92 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

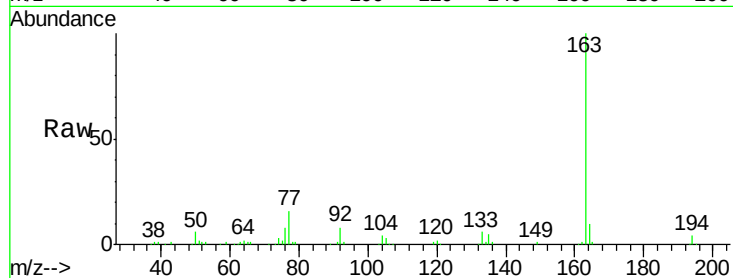
Tot Ion:163 Resp: 366615

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

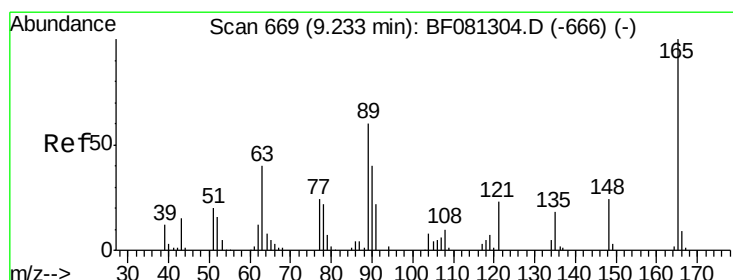
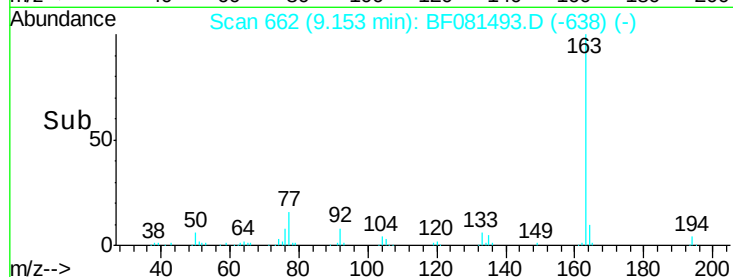
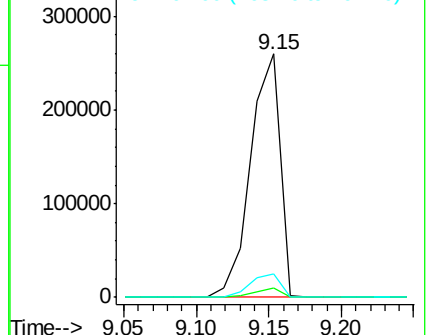
164 9.7 8.3 12.5



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: 30.64 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

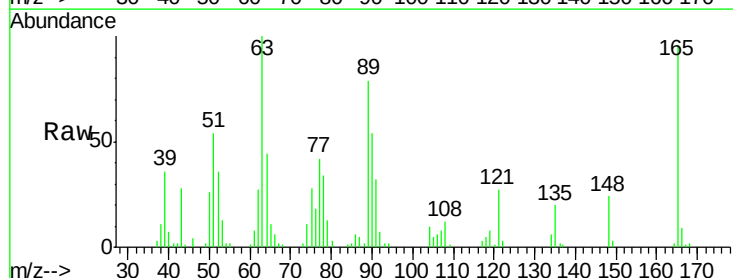
Tgt Ion:165 Resp: 55534

Ion Ratio Lower Upper

165 100

63 104.0 32.3 48.5#

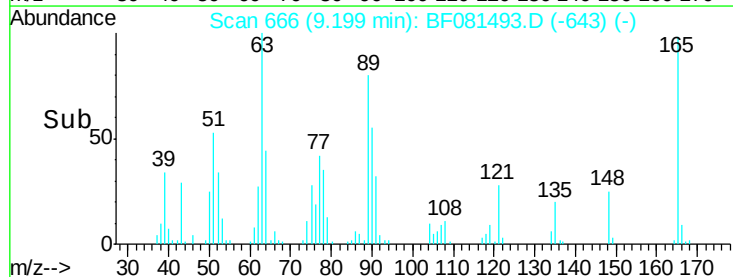
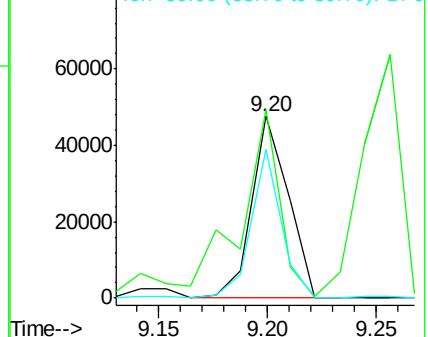
89 82.1 28.6 43.0#

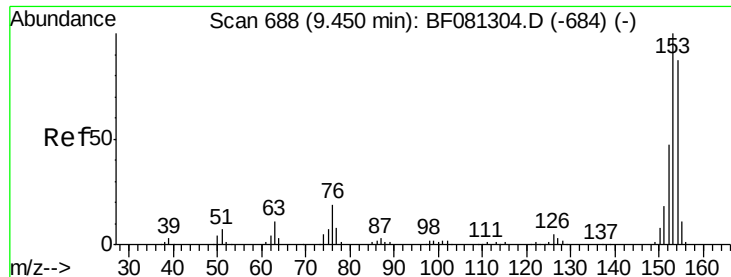


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.90 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

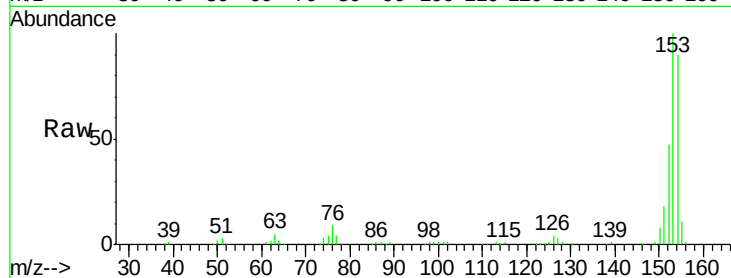
Tot Ion:154 Resp: 233636

Ion Ratio Lower Upper

154 100

153 111.1 82.1 123.1

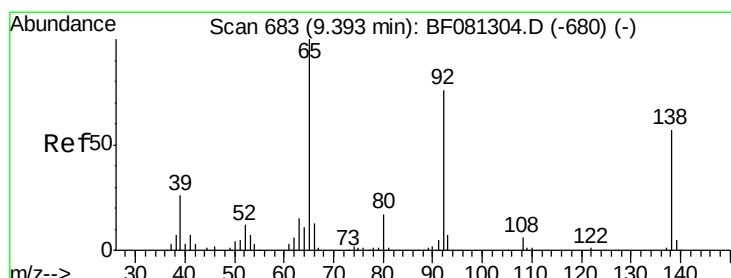
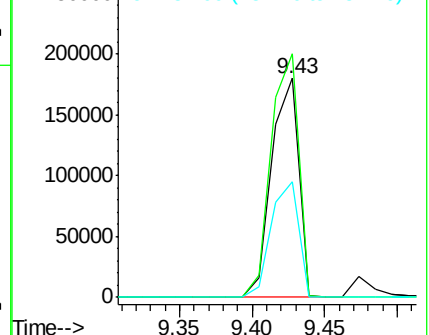
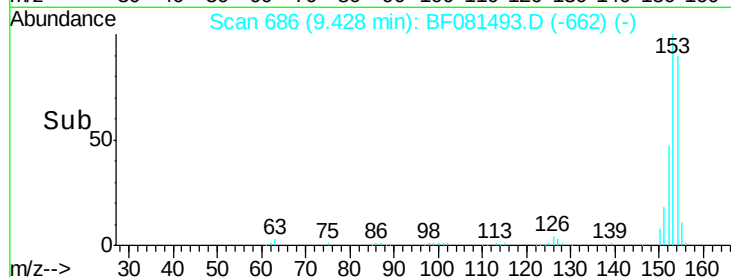
152 52.6 37.9 56.9



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: 17.12 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

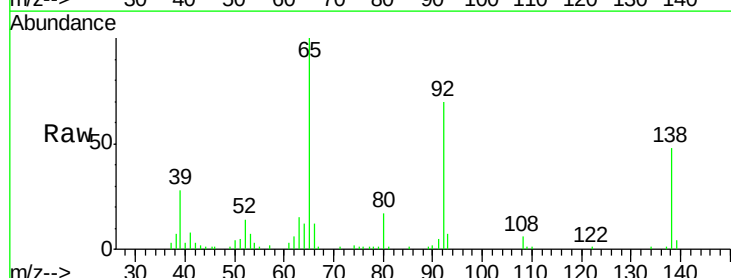
Tgt Ion:138 Resp: 35315

Ion Ratio Lower Upper

138 100

108 11.5 5.7 8.5#

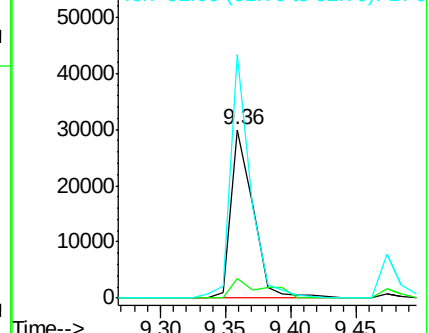
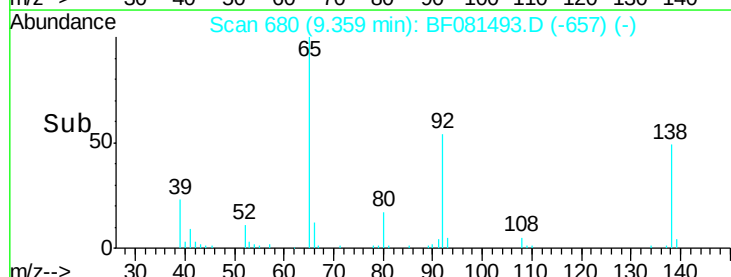
92 144.3 67.7 101.5#

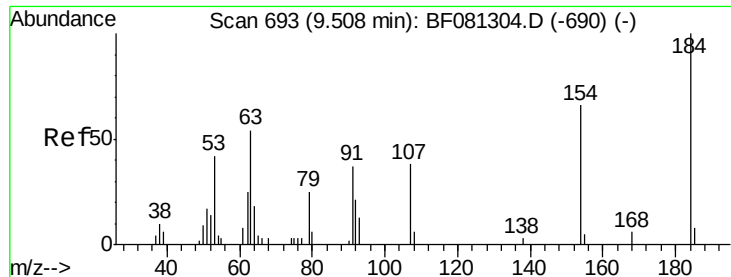


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

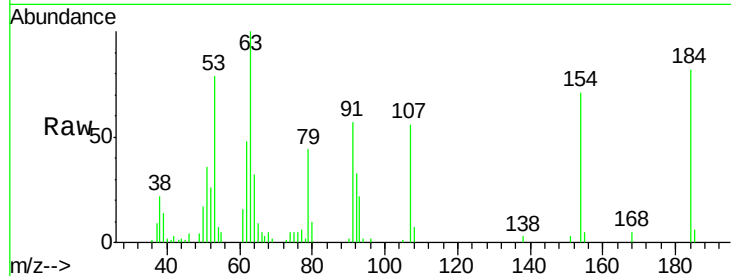




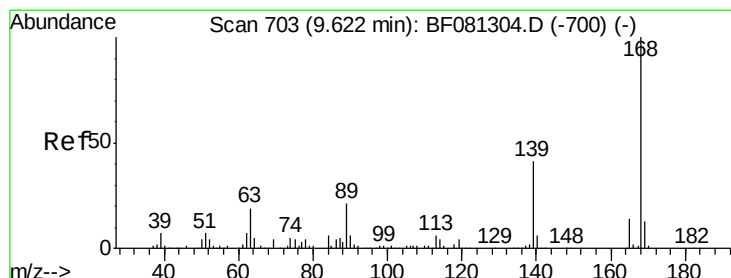
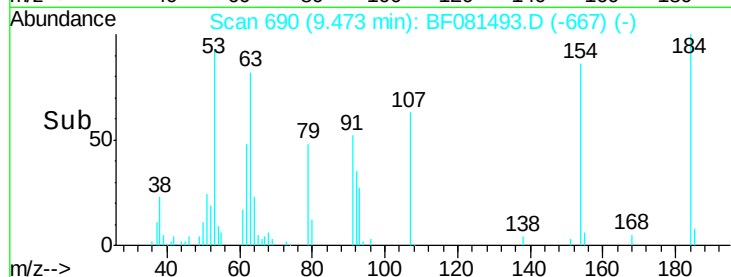
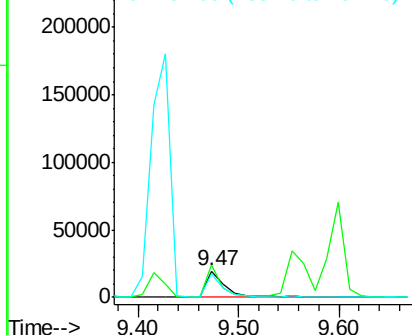
#53
 2,4-Dinitrophenol
 Concen: 34.24 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Tot Ion:184 Resp: 26136
 Ion Ratio Lower Upper
 184 100
 63 122.5 35.4 53.2#
 154 86.4 32.2 48.4#

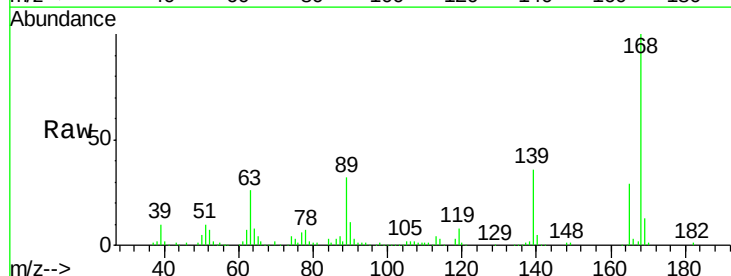


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

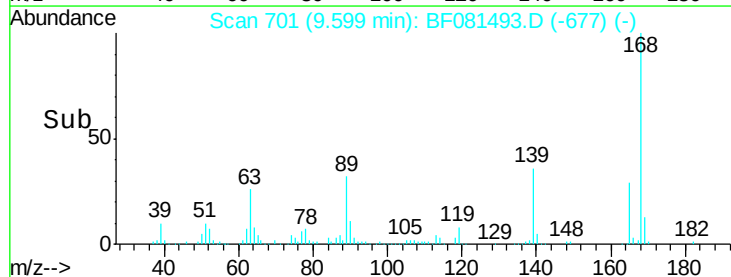
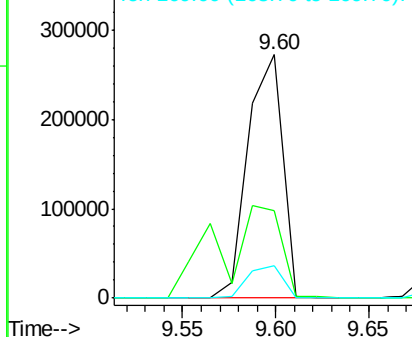


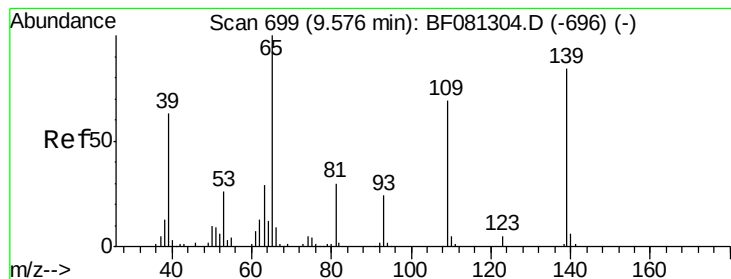
#54
 Dibenzofuran
 Concen: 34.84 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion:168 Resp: 350507
 Ion Ratio Lower Upper
 168 100
 139 35.9 24.2 36.2
 169 13.1 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: 185.41 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

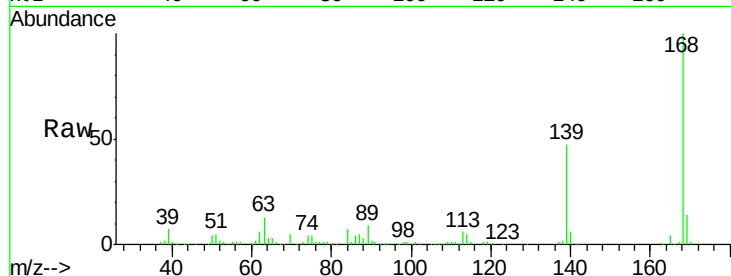
Tot Ion:139 Resp: 240307

Ion Ratio Lower Upper

139 100

109 3.2 12.7 52.7#

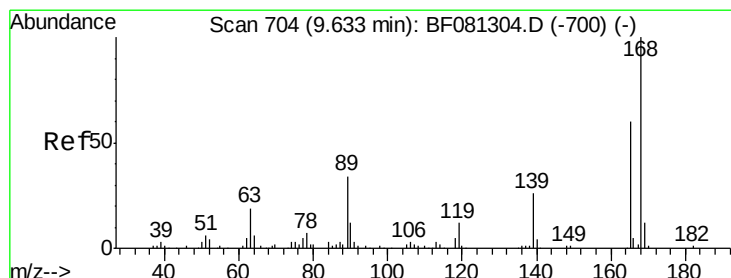
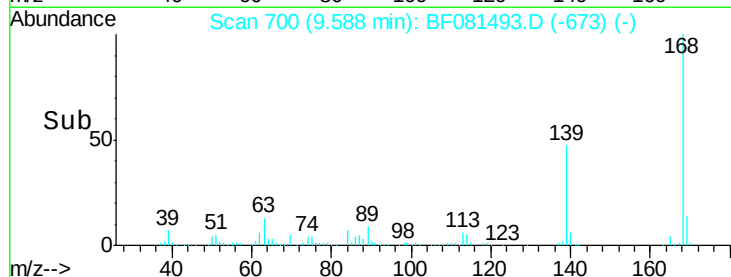
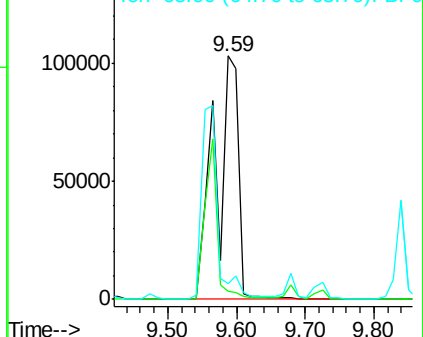
65 6.6 45.9 85.9#



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: 32.13 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Tgt Ion:165 Resp: 74143

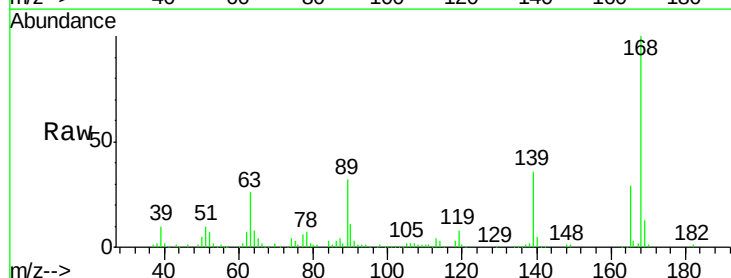
Ion Ratio Lower Upper

165 100

63 88.8 29.8 44.6#

89 112.1 44.5 66.7#

182 2.5 3.0 4.4#

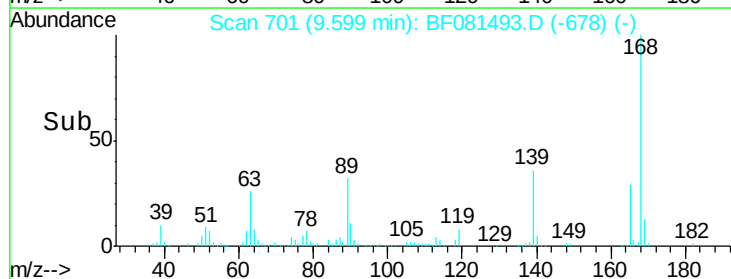
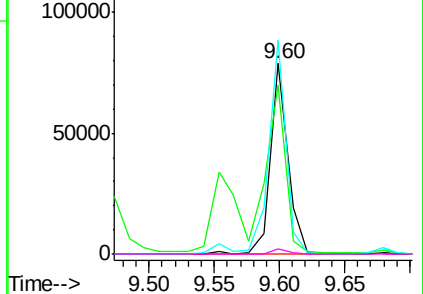


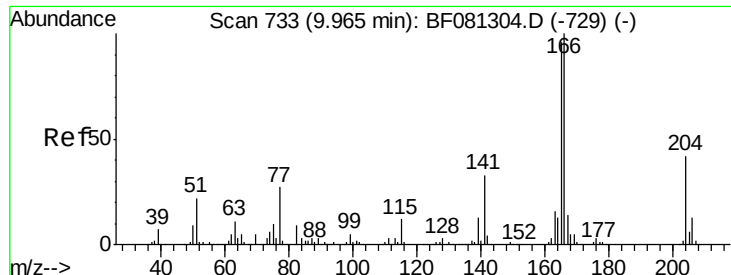
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

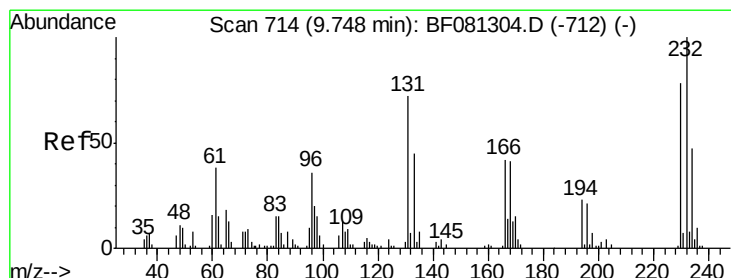
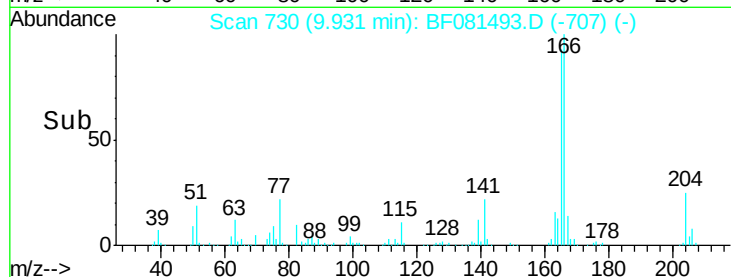
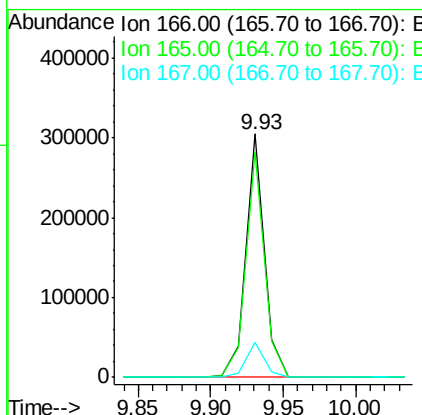
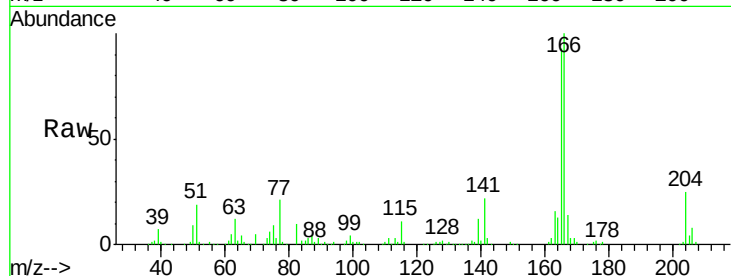




#57
 Fluorene
 Concen: 35.41 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

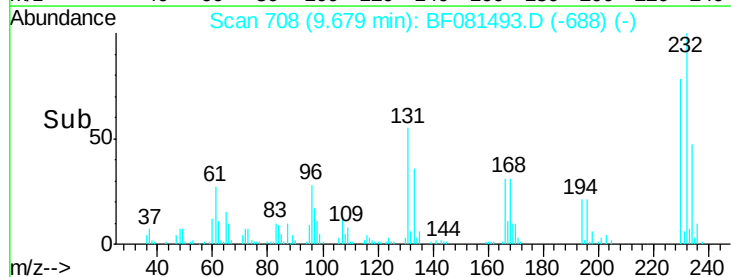
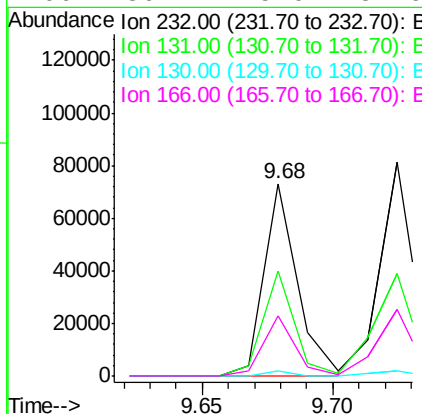
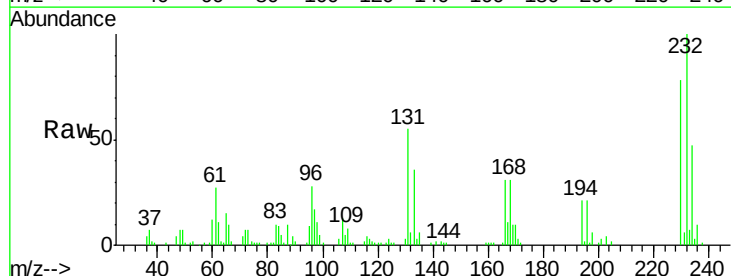
Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

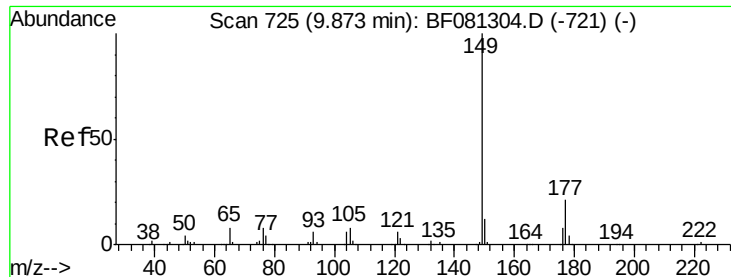
Tot Ion	Ratio	Lower	Upper
166	100		
165	92.5	72.6	109.0
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.49 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.07 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.1	38.5	57.7
130	2.2	1.8	2.6
166	30.1	25.0	37.6

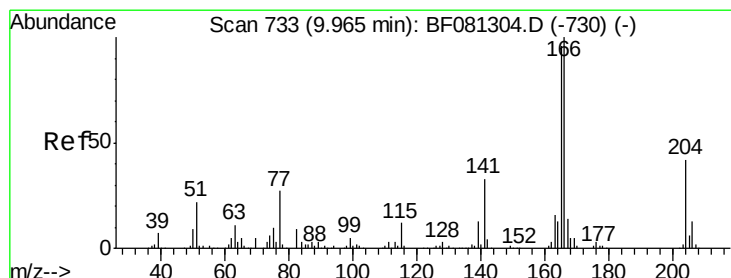
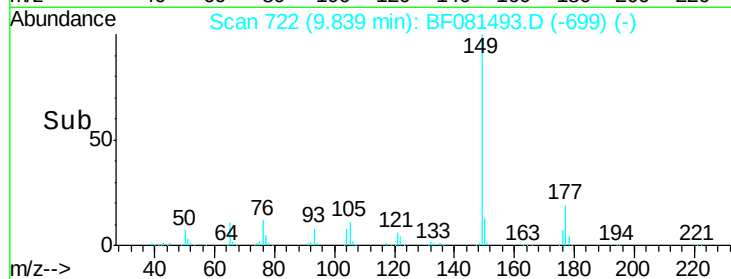
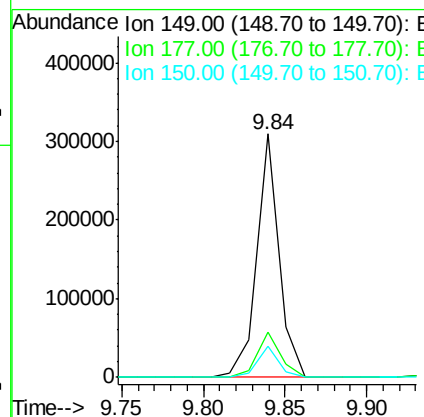
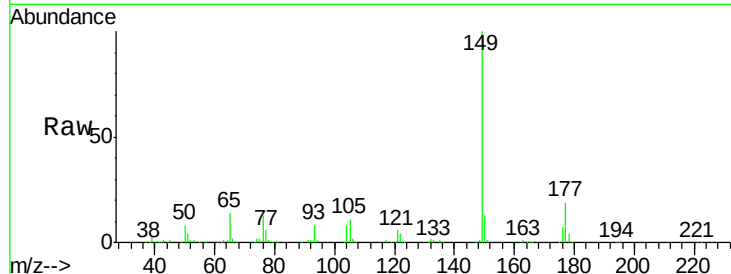




#59
Diethylphthalate
Concen: 34.90 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

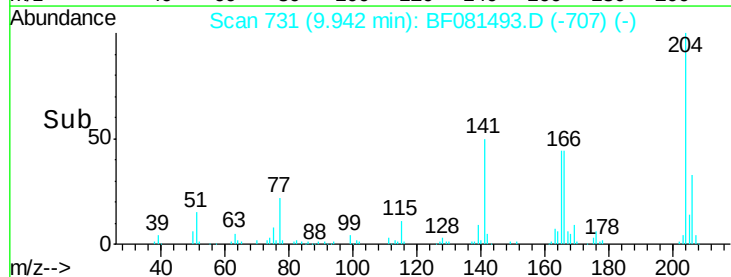
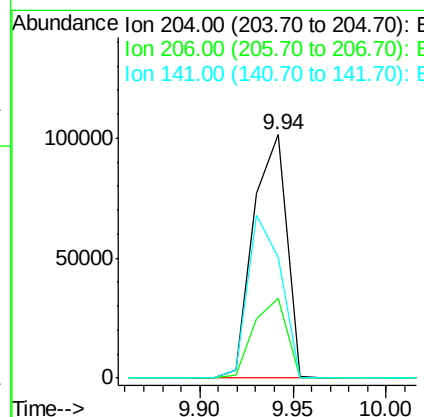
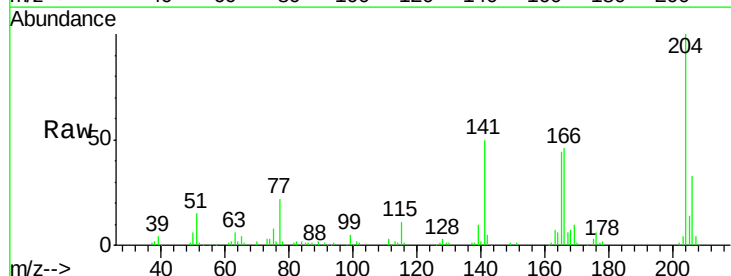
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

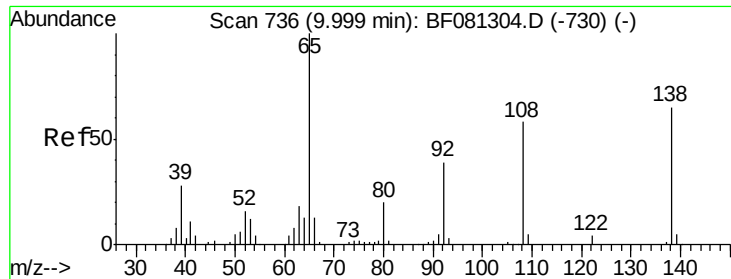
Tot Ion:149 Resp: 293112
Ion Ratio Lower Upper
149 100
177 18.7 17.5 26.3
150 13.0 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 35.22 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion:204 Resp: 125337
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 49.6 42.2 63.4

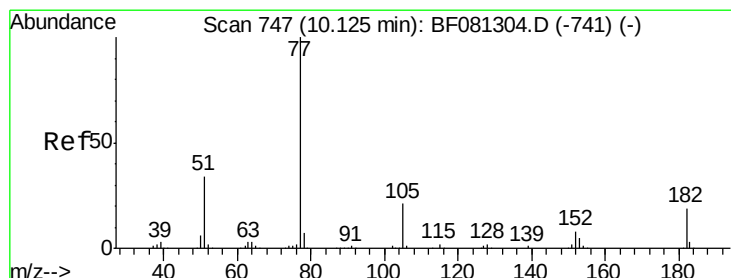
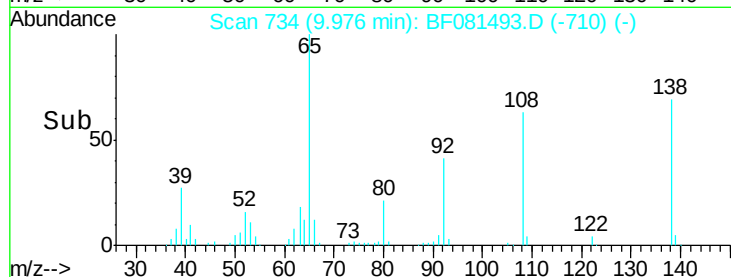
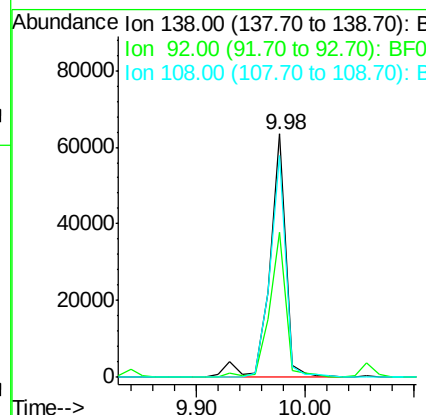
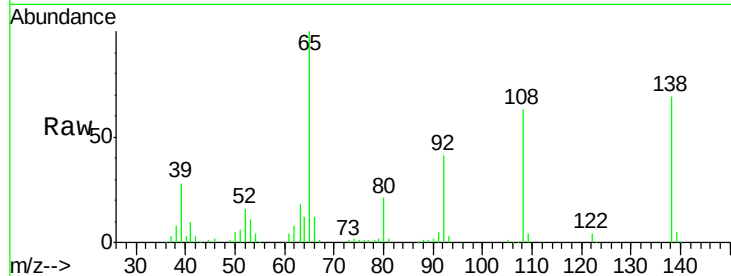




#61
4-Nitroaniline
Concen: 32.01 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

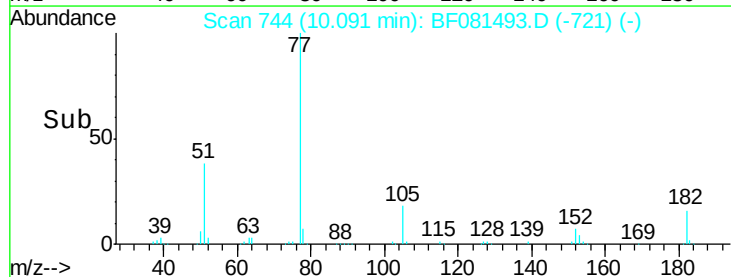
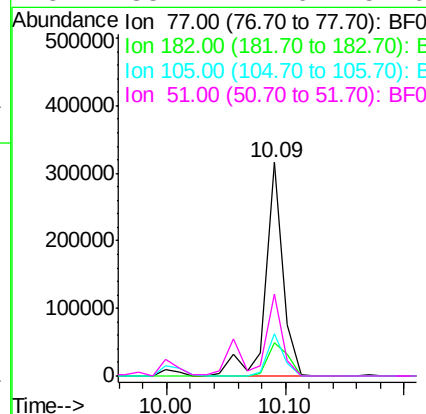
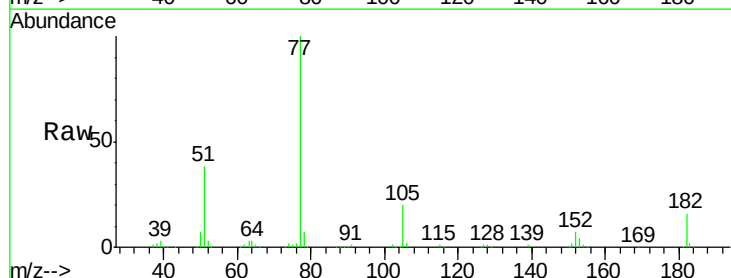
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

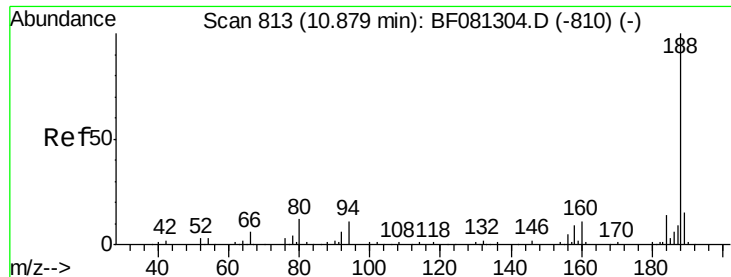
Tot Ion:138 Resp: 66727
Ion Ratio Lower Upper
138 100
92 59.7 12.6 52.6#
108 91.4 12.4 52.4#



#62
Azobenzene
Concen: 34.58 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion: 77 Resp: 322855
Ion Ratio Lower Upper
77 100
182 15.7 15.1 55.1
105 20.0 3.4 43.4
51 38.1 12.0 52.0

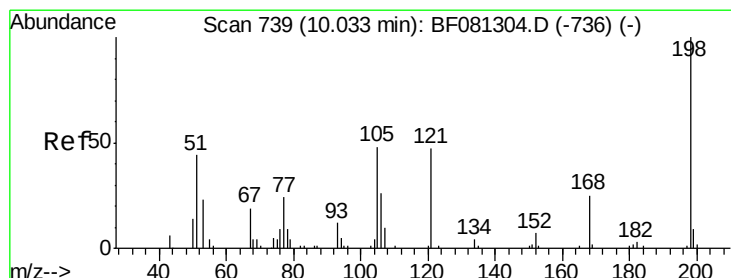
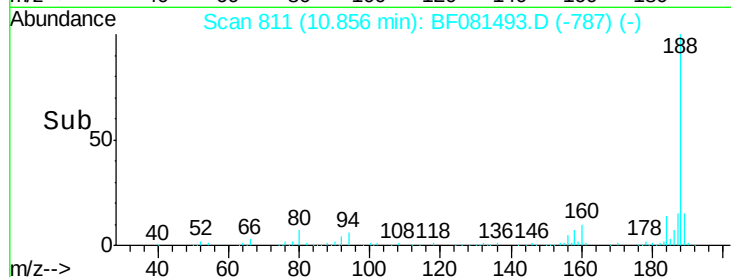
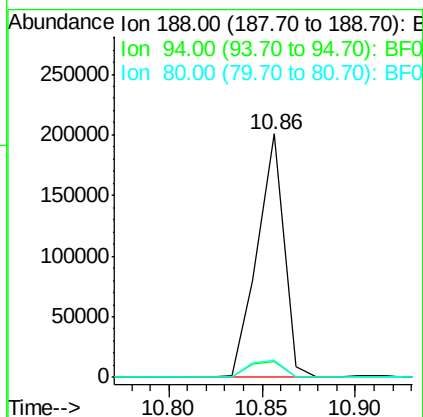
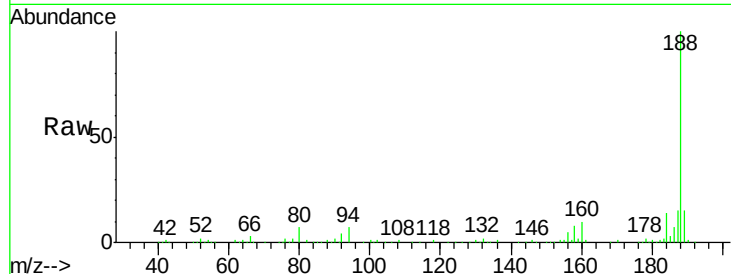




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

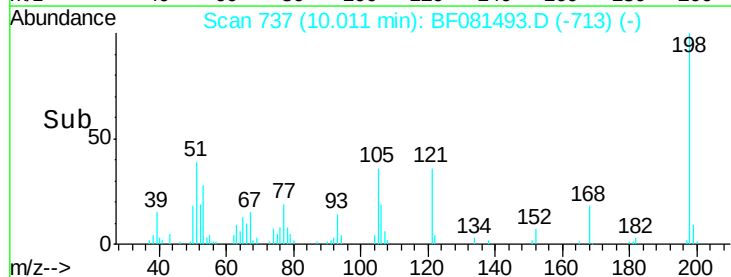
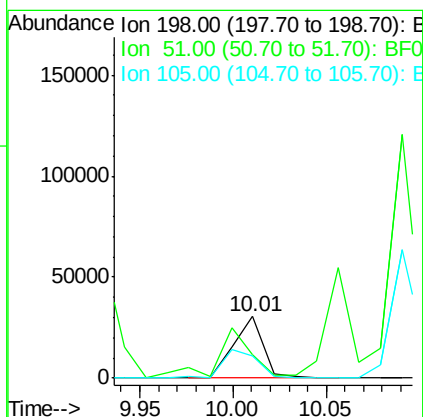
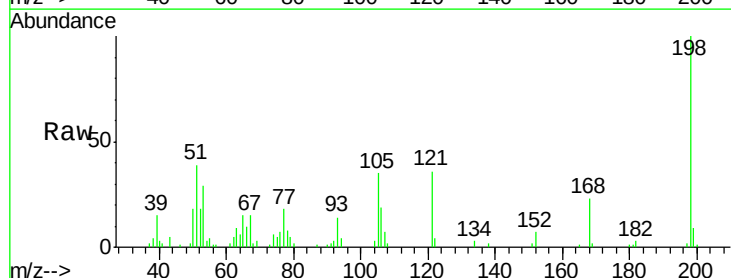
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

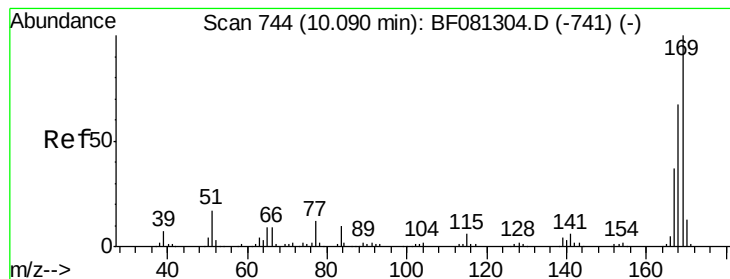
Tot Ion:188 Resp: 200423
Ion Ratio Lower Upper
188 100
94 6.6 11.1 16.7#
80 7.1 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.92 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion:198 Resp: 33539
Ion Ratio Lower Upper
198 100
51 38.6 39.6 79.6#
105 35.1 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 31.89 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

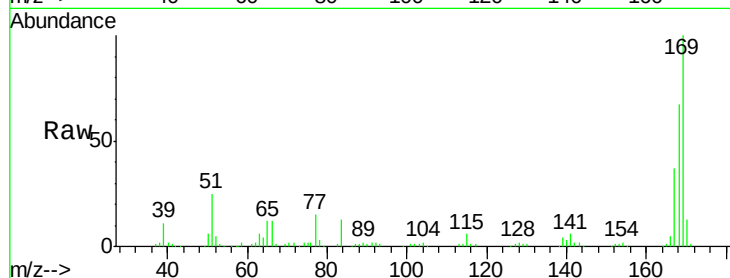
Tot Ion:169 Resp: 232551

Ion Ratio Lower Upper

169 100

168 67.2 48.9 73.3

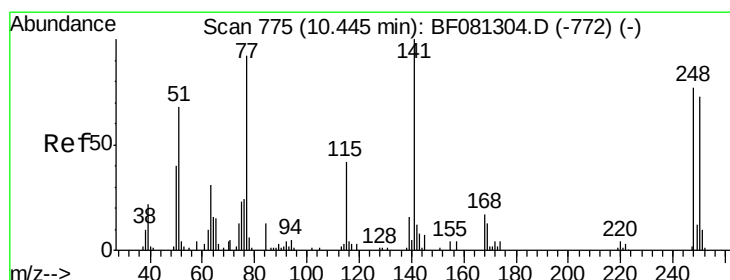
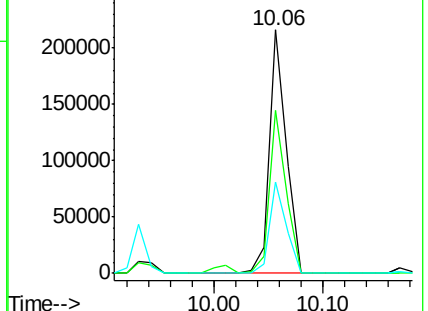
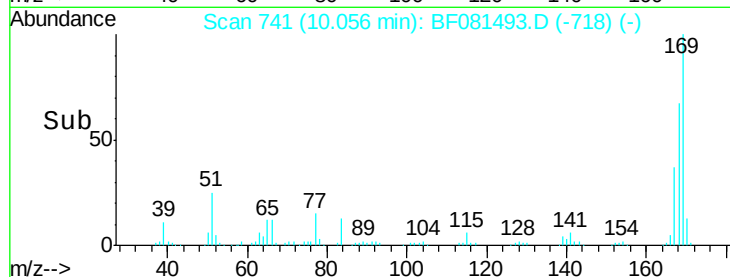
167 37.4 26.2 39.4



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: 35.55 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

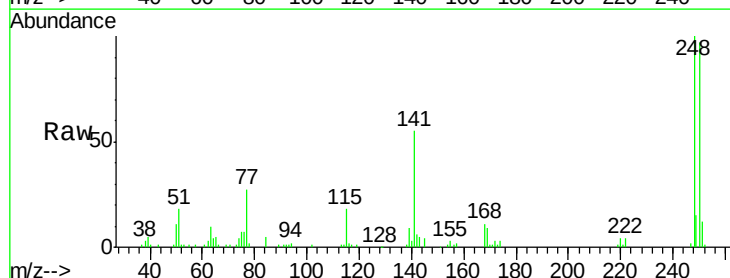
Tgt Ion:248 Resp: 72042

Ion Ratio Lower Upper

248 100

250 96.5 78.5 117.7

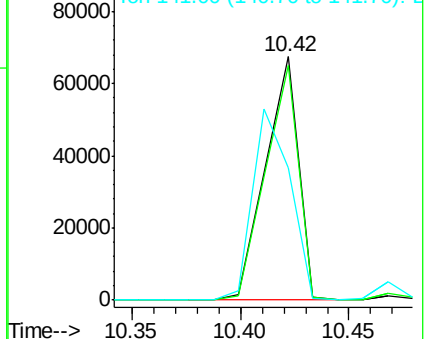
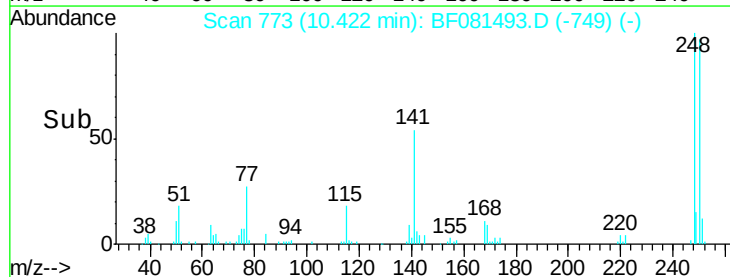
141 54.5 59.0 88.6#

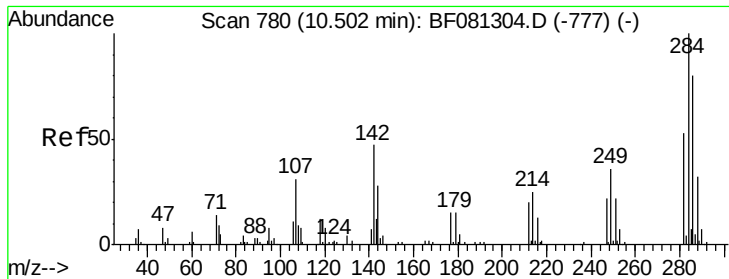


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.25 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

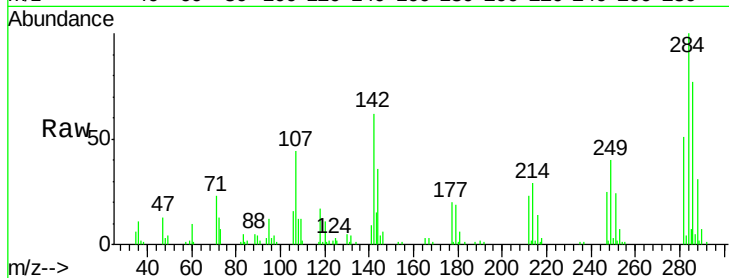
Tot Ion:284 Resp: 70452

Ion Ratio Lower Upper

284 100

142 61.8 29.5 44.3#

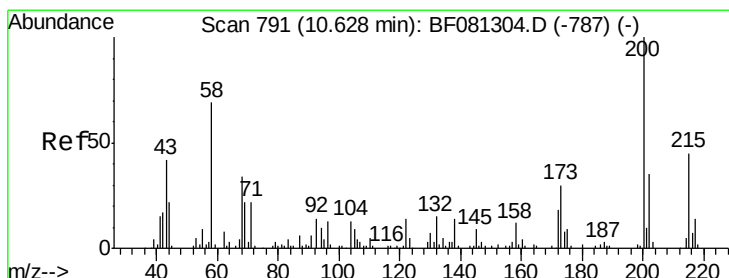
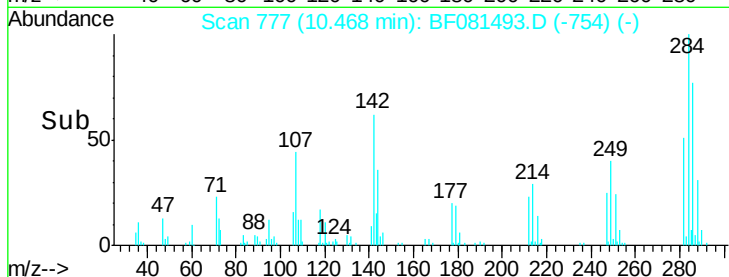
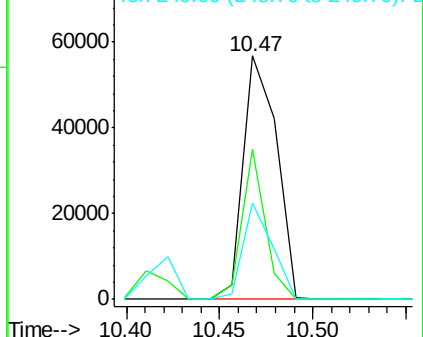
249 39.8 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.45 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

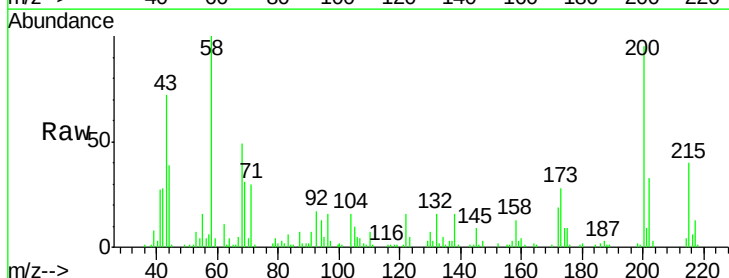
Tgt Ion:200 Resp: 76934

Ion Ratio Lower Upper

200 100

173 29.3 13.2 53.2

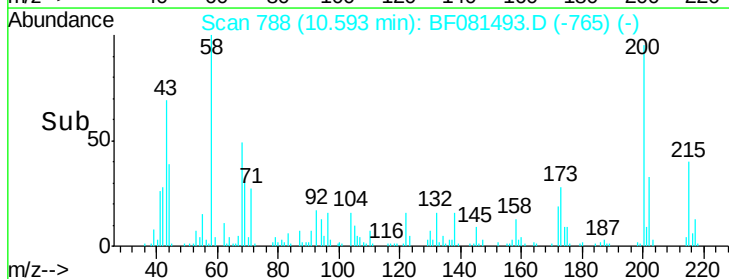
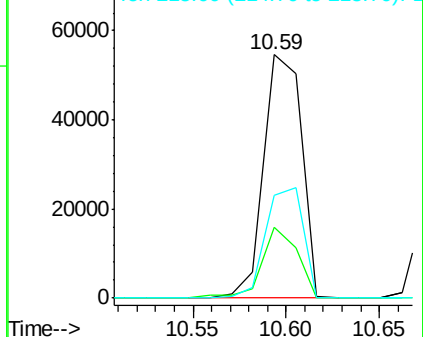
215 42.4 41.8 81.8

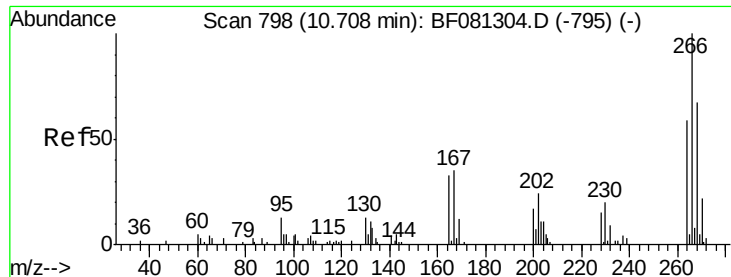


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

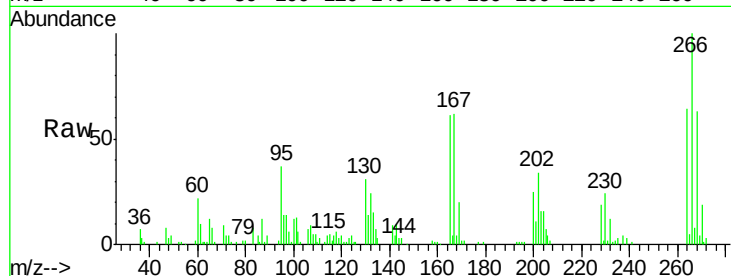




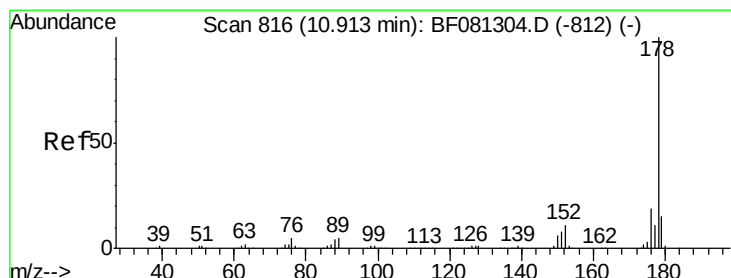
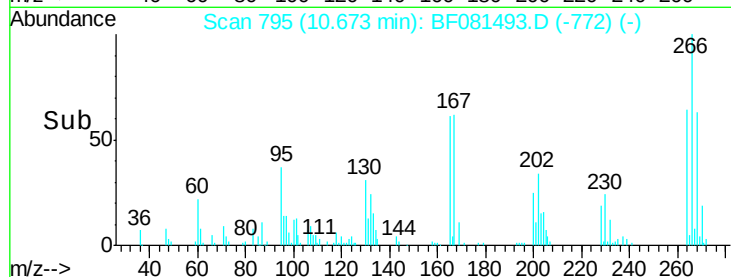
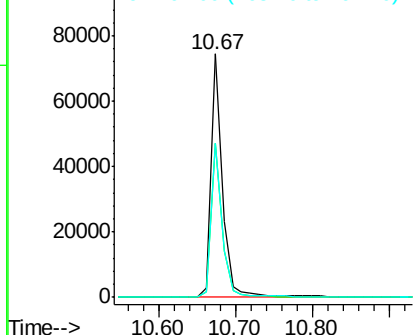
#69
 Pentachlorophenol
 Concen: 74.33 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Tot Ion:266 Resp: 75954
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.8 74.6
 264 63.5 50.2 75.2

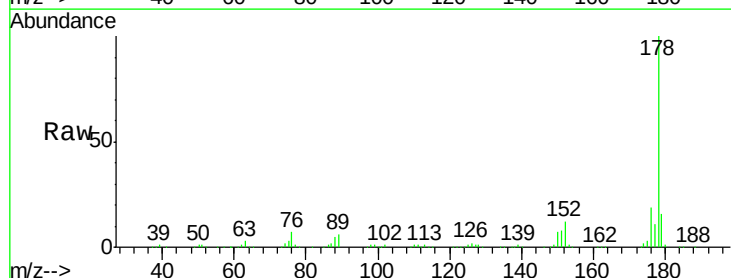


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

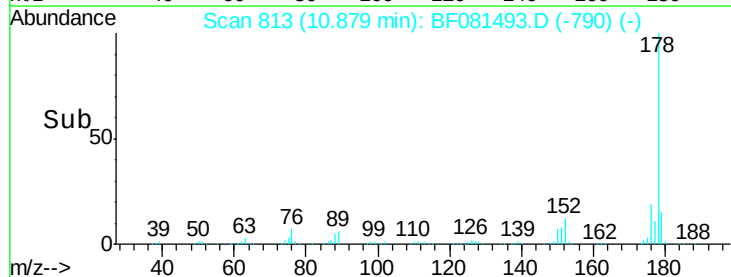
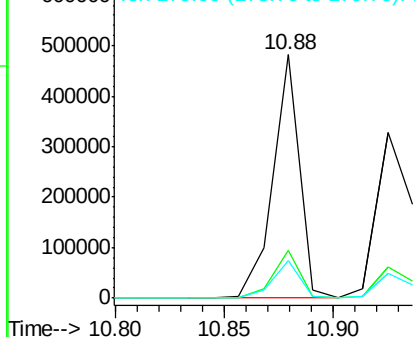


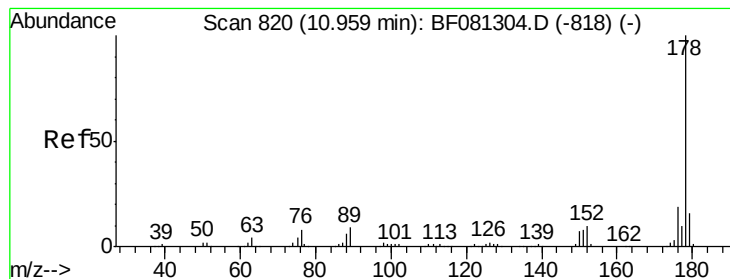
#70
 Phenanthrene
 Concen: 37.04 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion:178 Resp: 412727
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 179 15.6 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

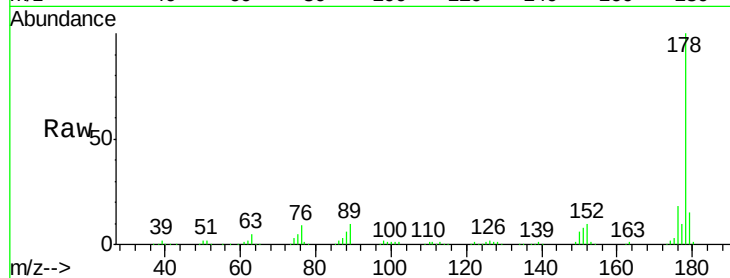




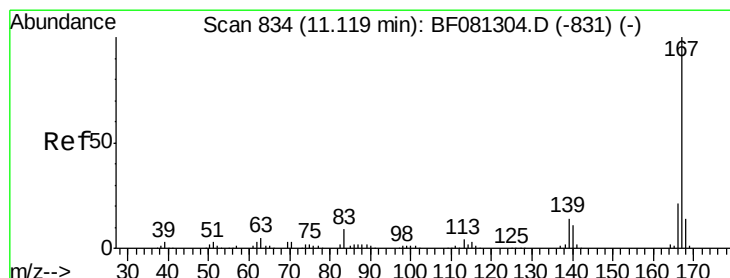
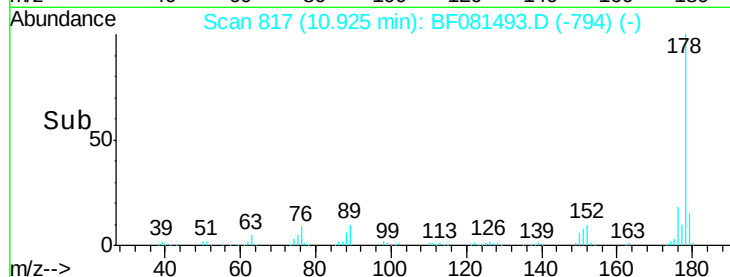
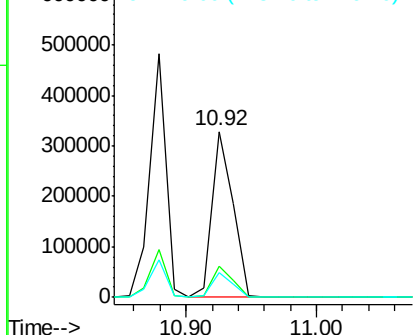
#71
 Anthracene
 Concen: 32.34 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

Tot Ion:178 Resp: 370203
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.1 21.1
 179 15.2 12.2 18.2

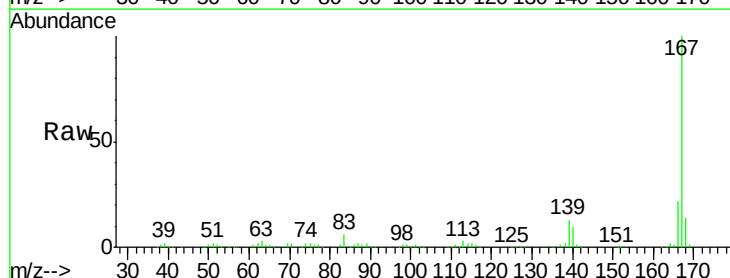


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

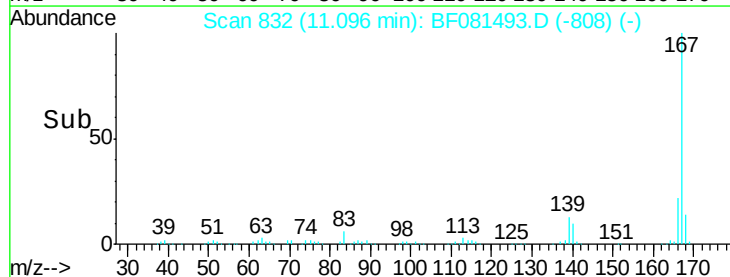
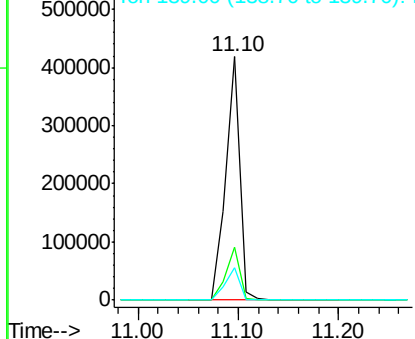


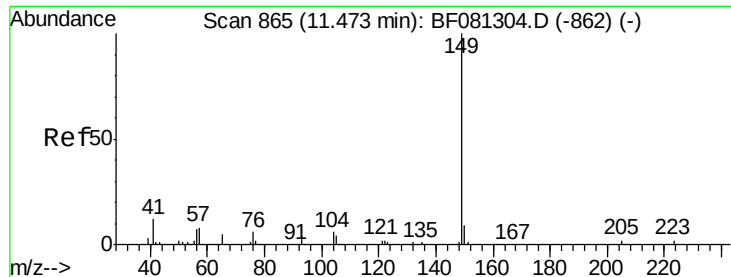
#72
 Carbazole
 Concen: 37.89 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion:167 Resp: 407064
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.4 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: 37.69 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

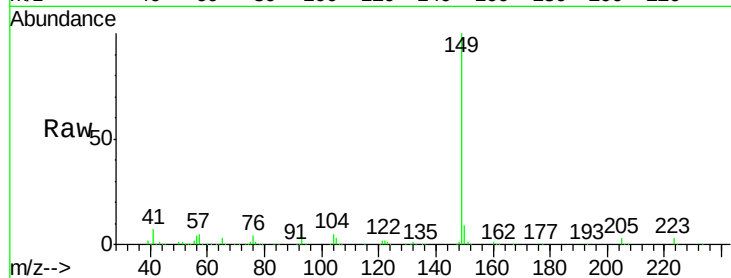
Tot Ion:149 Resp: 478068

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.7 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

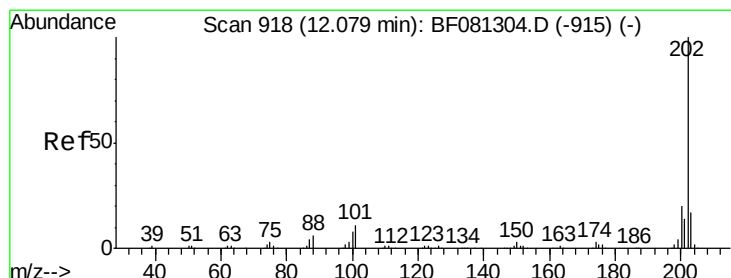
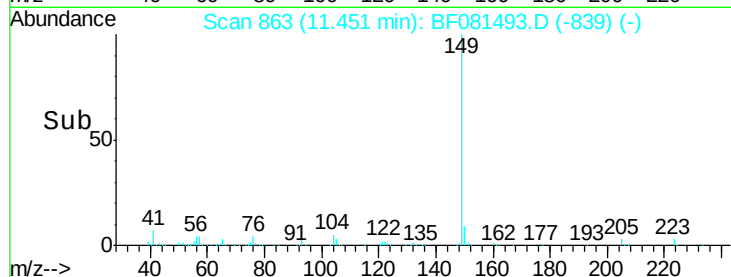
11.45

400000

200000

0

Time--> 11.40 11.45 11.50



#74

Fluoranthene

Concen: 32.09 ng

RT: 12.05 min Scan# 915

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

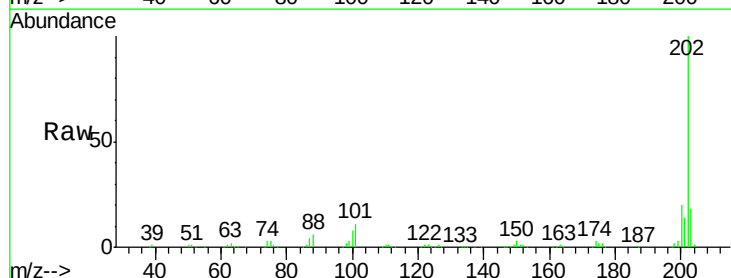
Tgt Ion:202 Resp: 387040

Ion Ratio Lower Upper

202 100

101 10.7 0.0 38.3

203 17.8 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

12.05

500000

400000

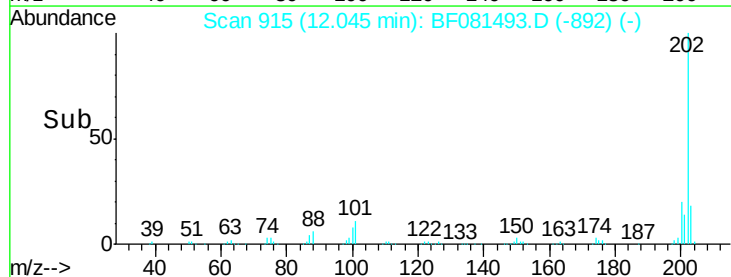
300000

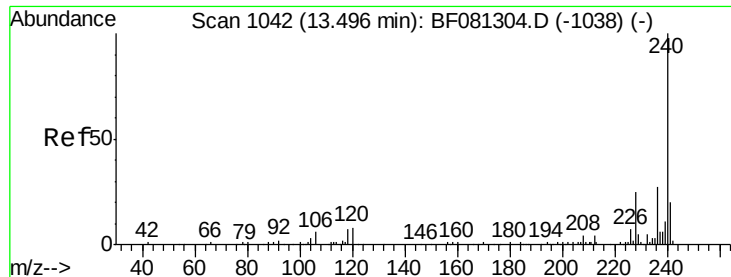
200000

100000

0

Time--> 11.90 12.00 12.10





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

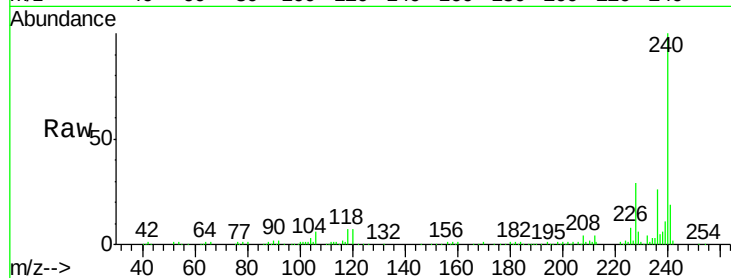
Tot Ion:240 Resp: 162223

Ion Ratio Lower Upper

240 100

120 7.5 16.2 24.2#

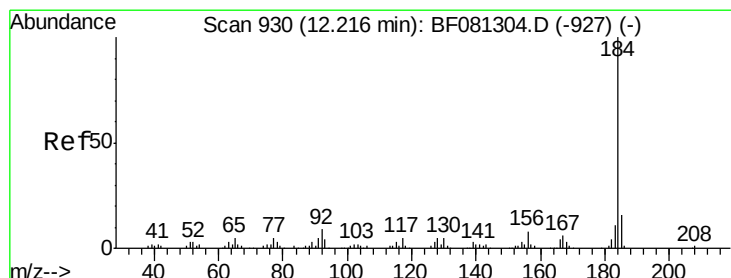
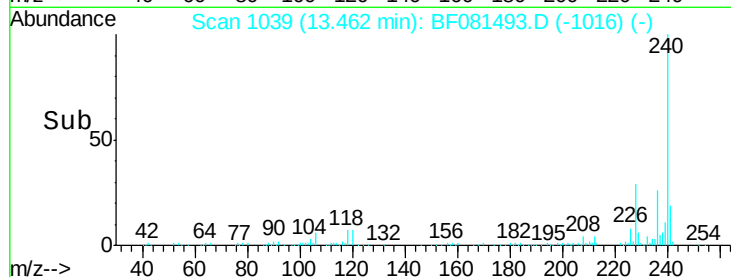
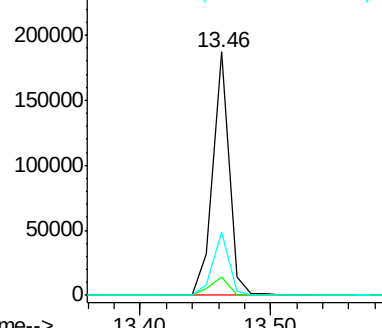
236 26.1 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.10 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

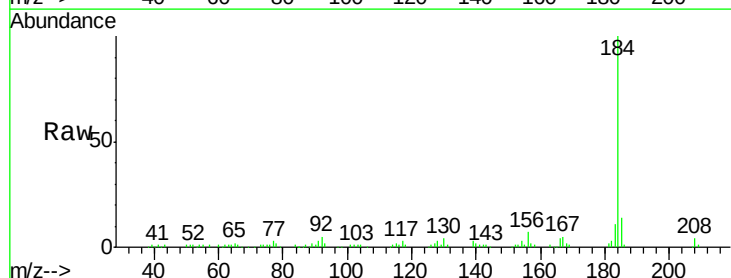
Tgt Ion:184 Resp: 153911

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

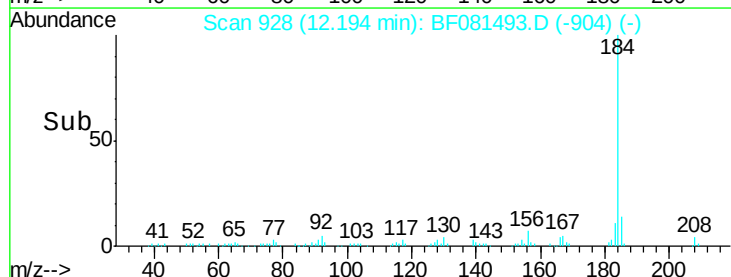
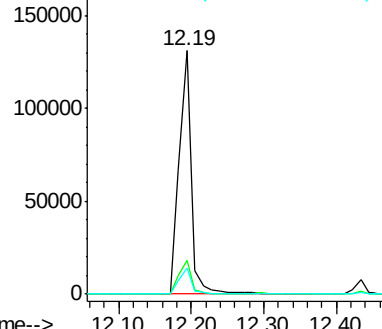
183 10.7 7.6 11.4

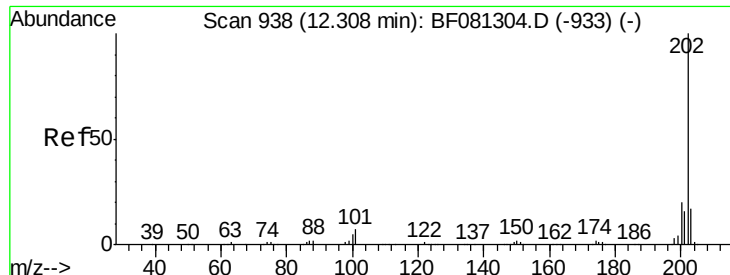


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.87 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

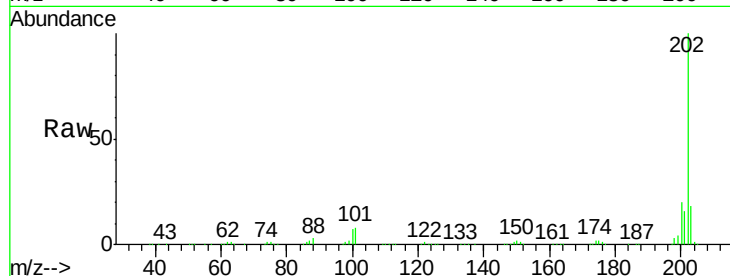
Tot Ion:202 Resp: 455076

Ion Ratio Lower Upper

202 100

200 20.2 15.0 22.4

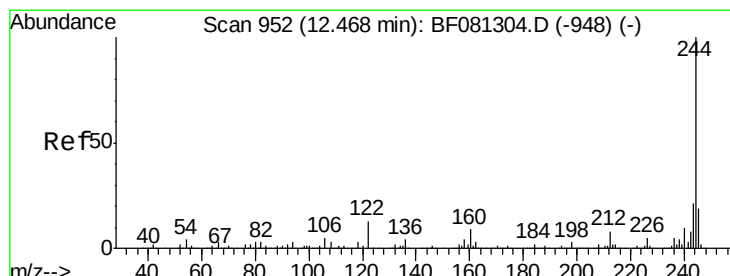
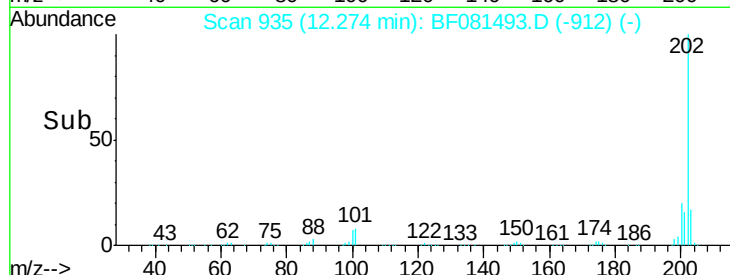
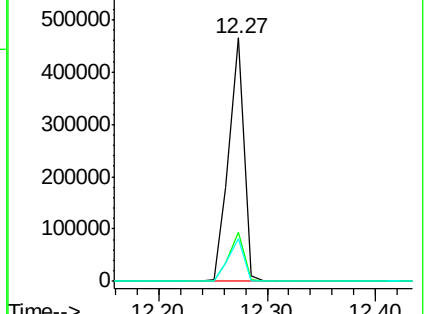
203 17.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.97 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

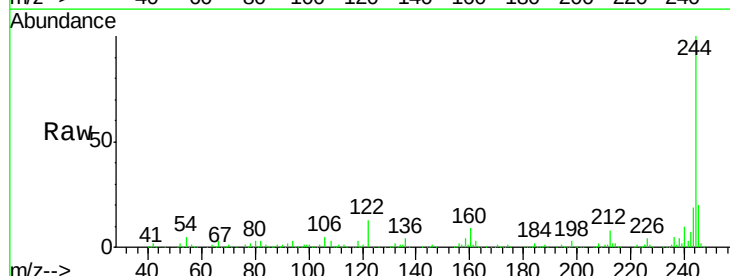
Tgt Ion:244 Resp: 438852

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

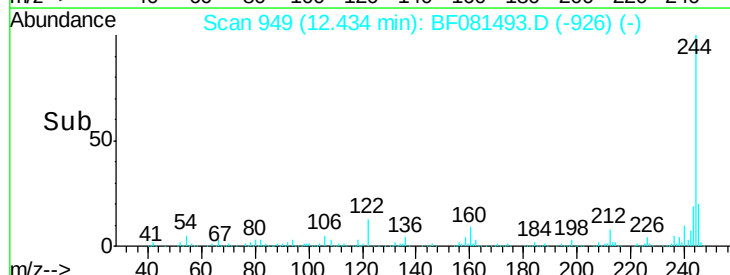
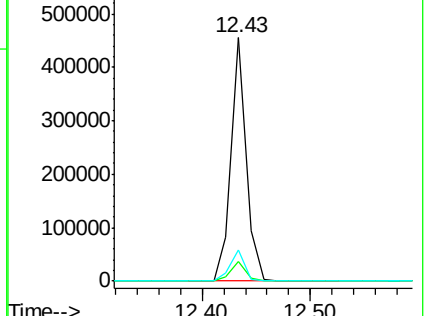
122 12.9 17.4 26.2#

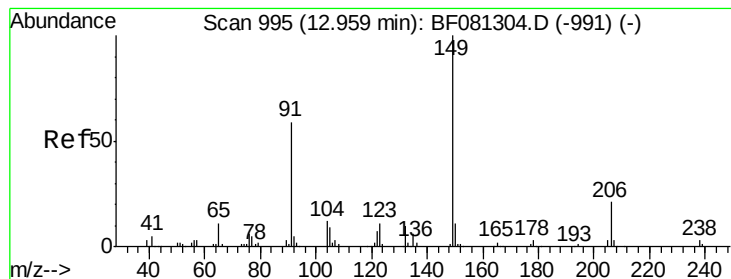


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.87 ng

RT: 12.93 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

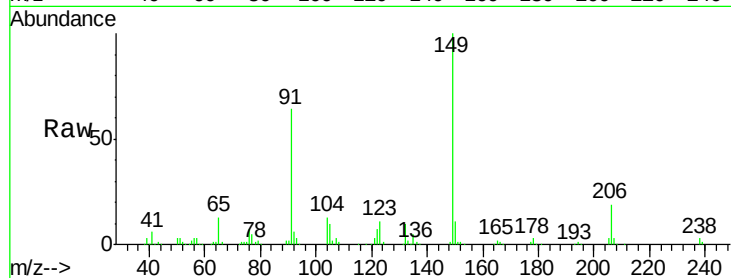
Tot Ion:149 Resp: 197935

Ion Ratio Lower Upper

149 100

91 63.7 48.6 72.8

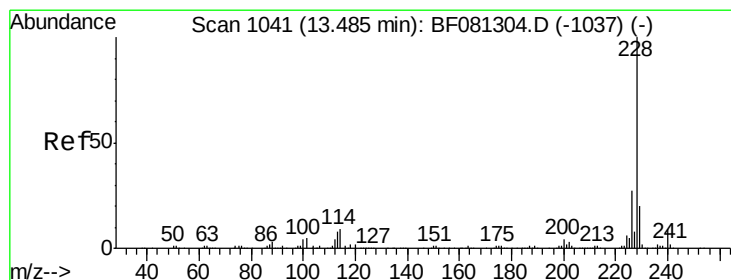
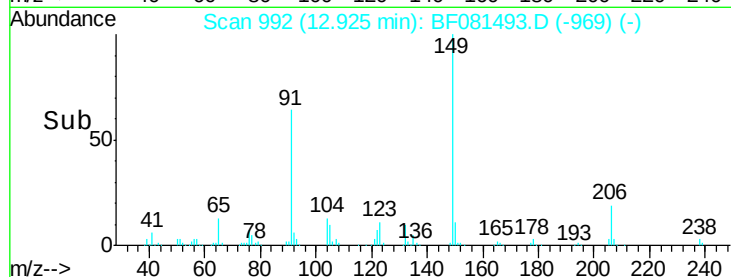
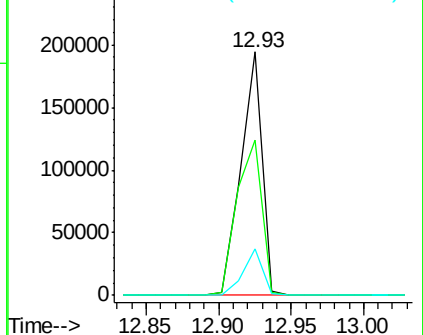
206 18.9 14.9 22.3



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: 32.44 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

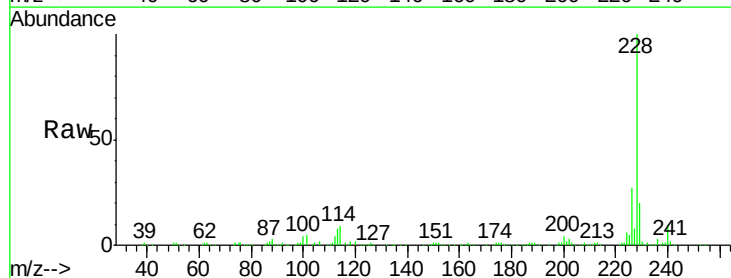
Tgt Ion:228 Resp: 335145

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

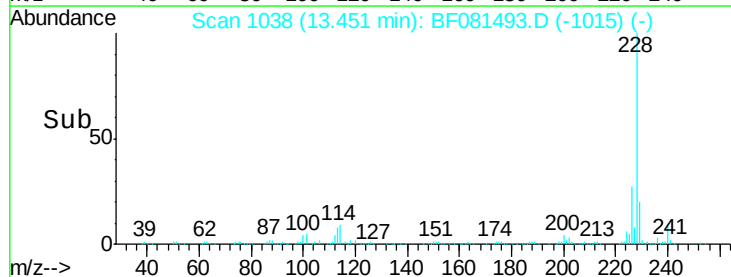
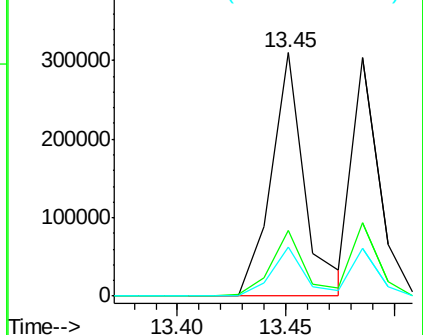
229 20.2 15.4 23.2

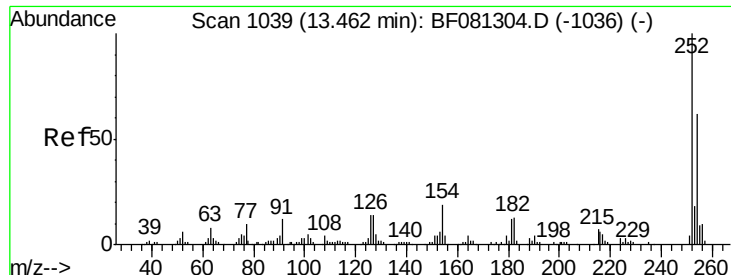


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

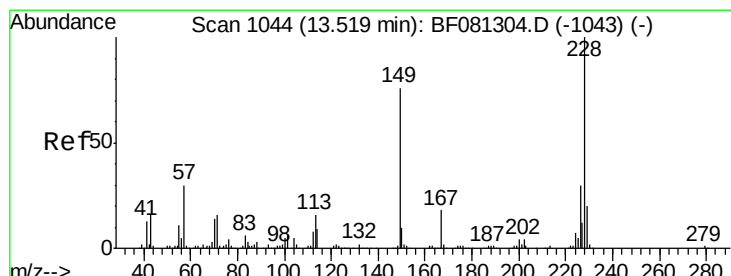
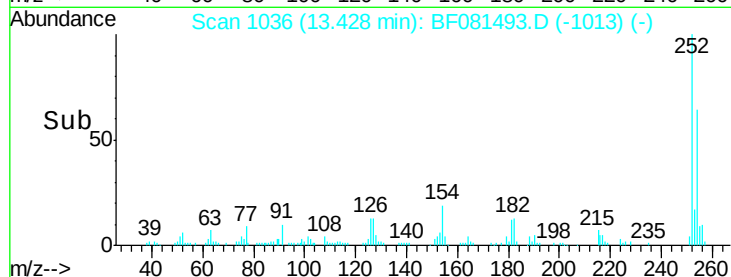
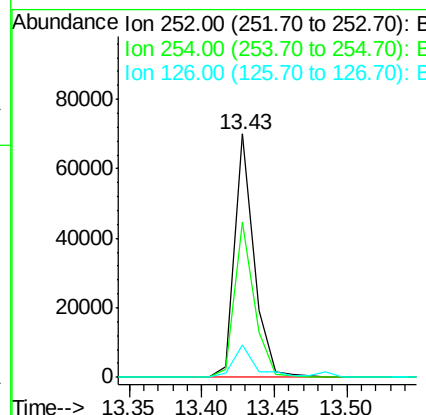
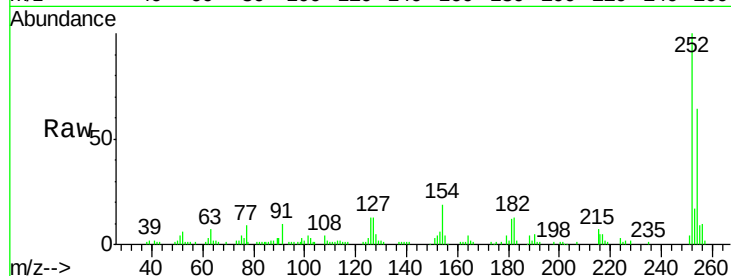




#81
 3,3'-Dichlorobenzidine
 Concen: 18.67 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

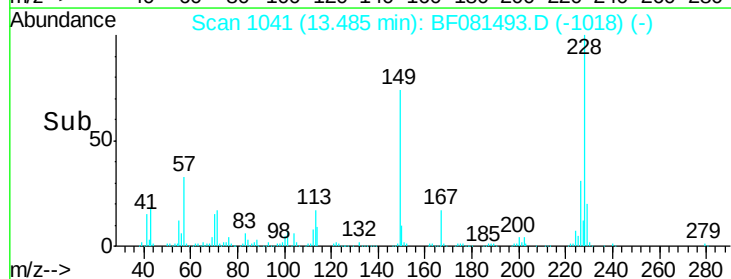
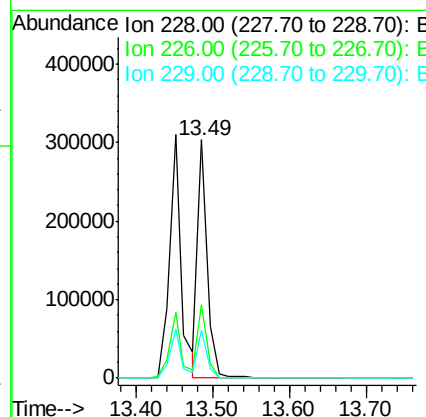
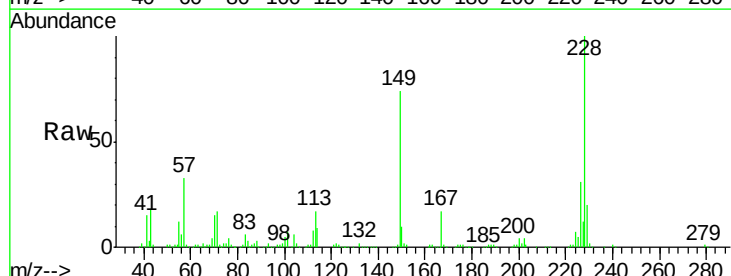
Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

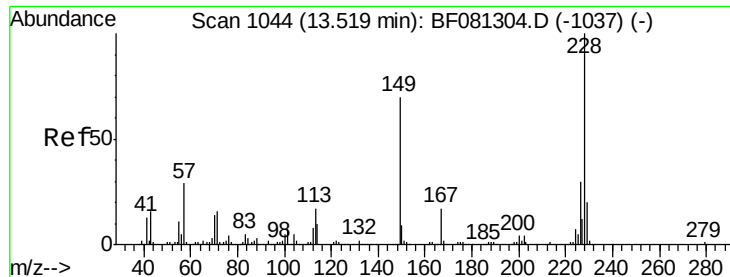
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	13.1	16.4	24.6



#82
 Chrysene
 Concen: 28.50 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	20.0	15.6	23.4

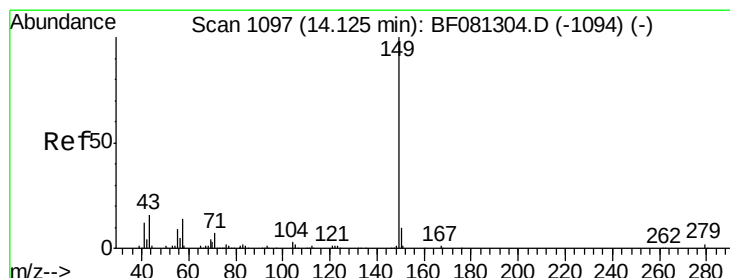
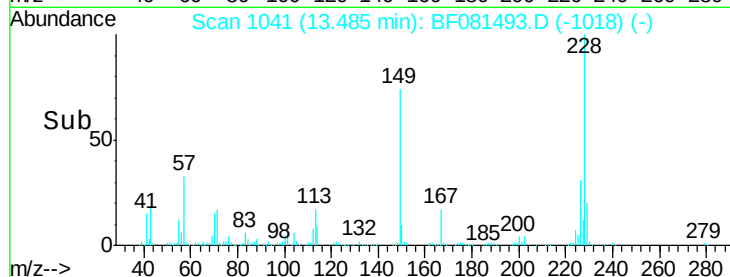
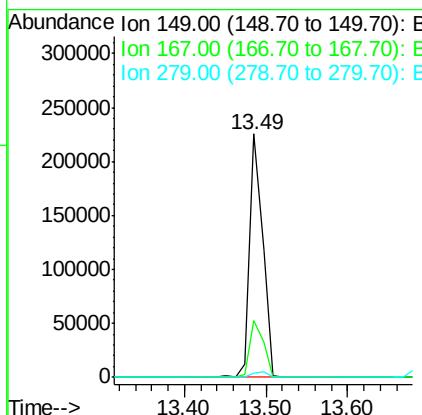
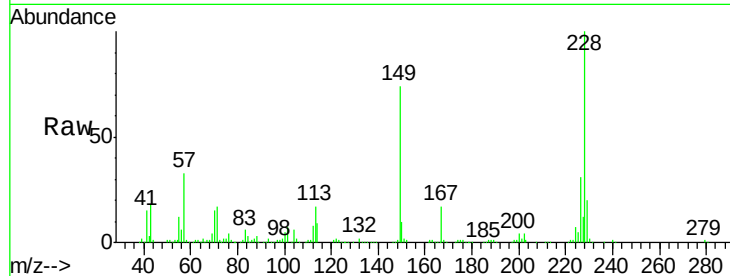




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.05 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

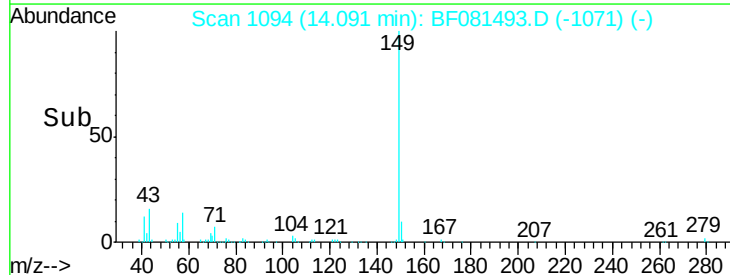
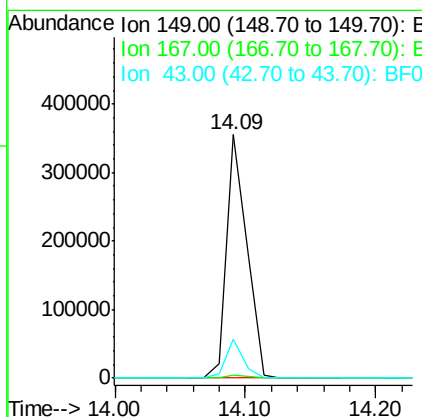
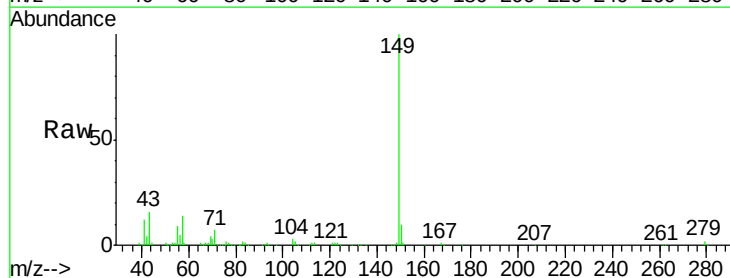
Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

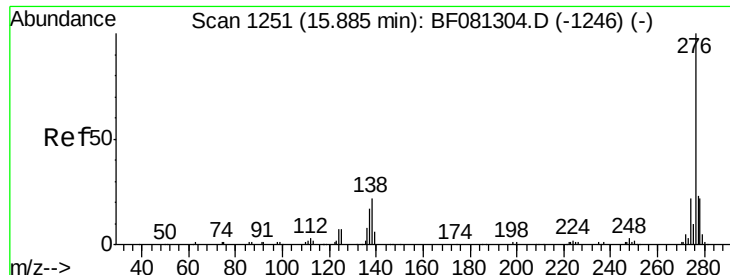
Tot Ion:149 Resp: 248608
 Ion Ratio Lower Upper
 149 100
 167 23.4 24.2 36.2#
 279 1.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 33.84 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion:149 Resp: 384306
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.0 1.6
 43 14.7 10.2 15.2

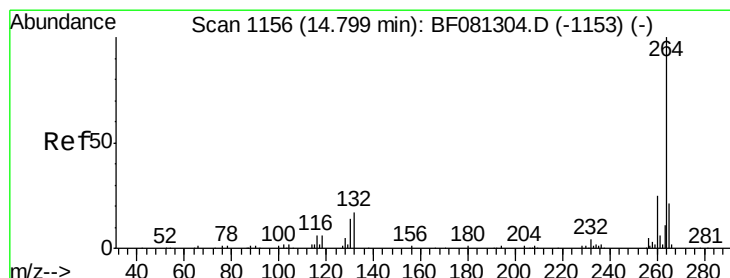
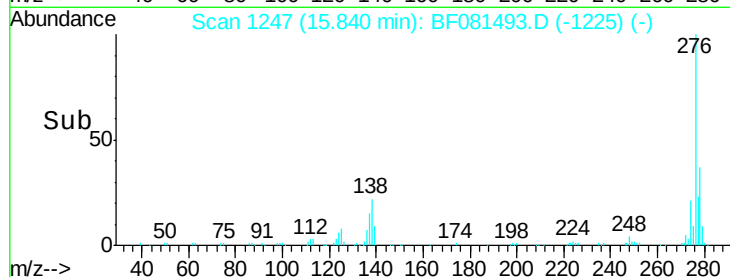
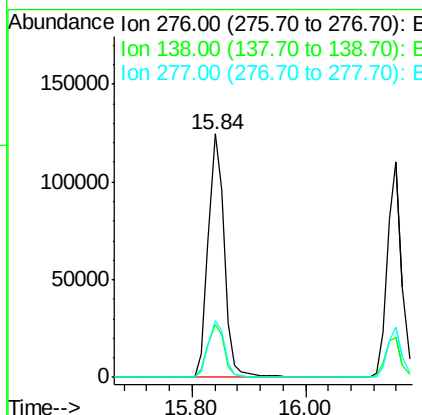
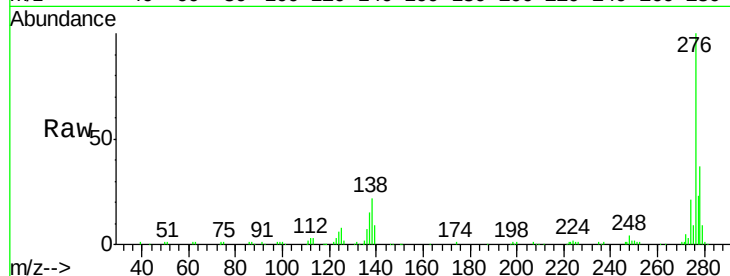




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.09 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

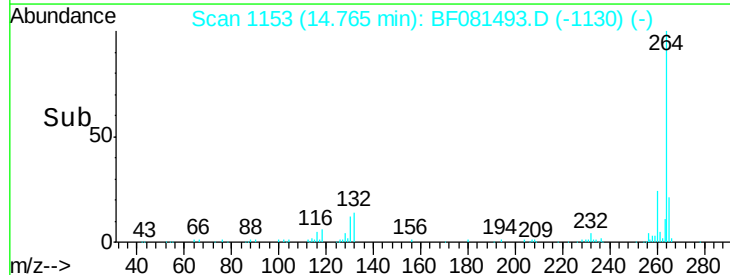
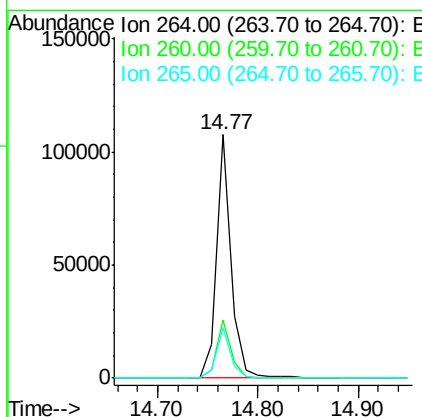
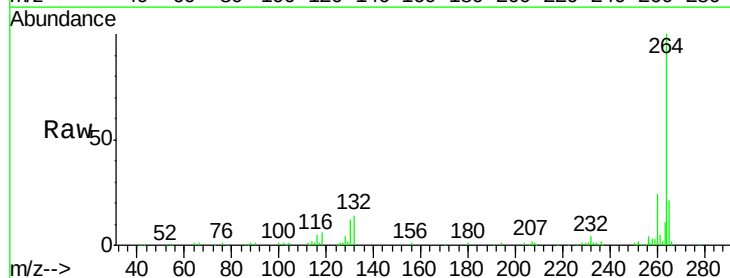
Instrument :
 BNA_F
 ClientSampleId :
 MGP208BR-23-25MSD

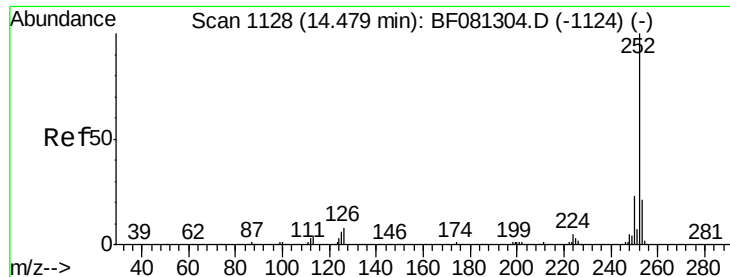
Tot Ion:276 Resp: 238445
 Ion Ratio Lower Upper
 276 100
 138 22.9 25.7 38.5#
 277 23.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081493.D
 Acq: 6 Sep 2015 6:09

Tgt Ion:264 Resp: 108008
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 64.94 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

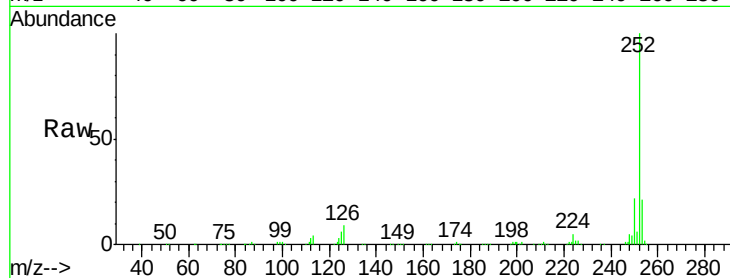
Tot Ion:252 Resp: 500797

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

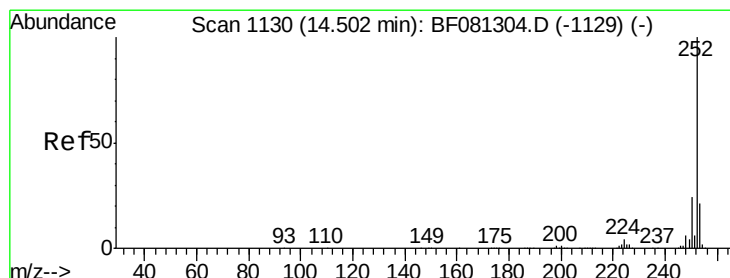
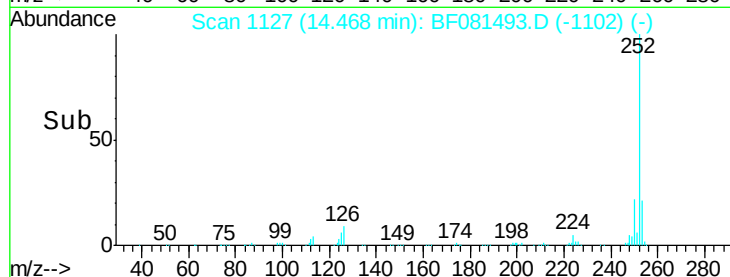
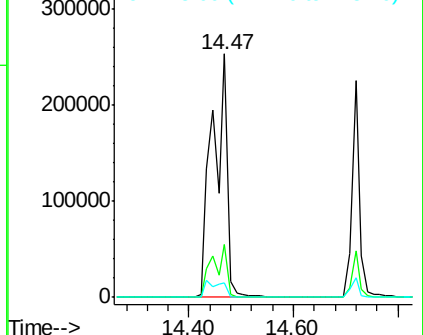
125 6.1 17.1 25.7#



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: 78.27 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

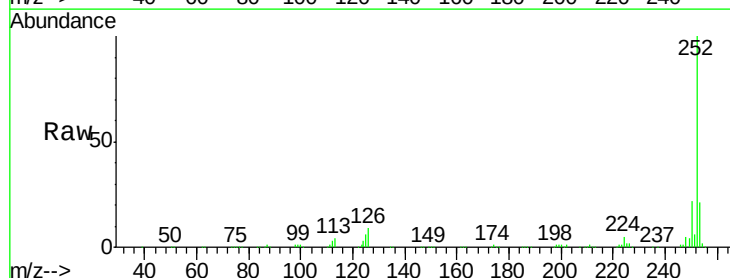
Tgt Ion:252 Resp: 500797

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

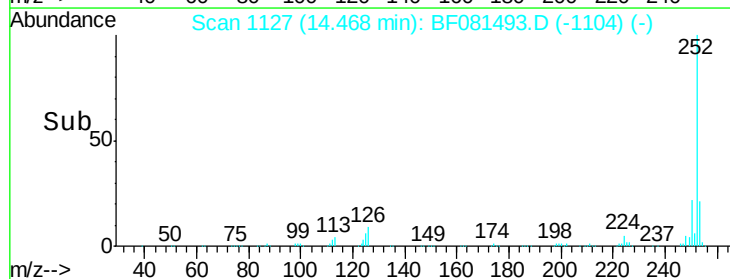
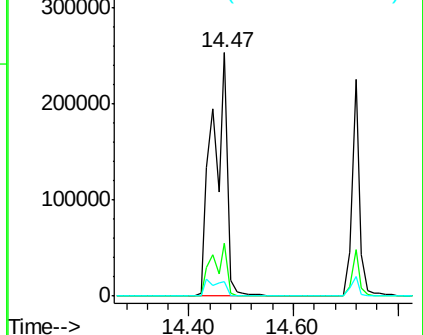
125 6.1 16.0 24.0#

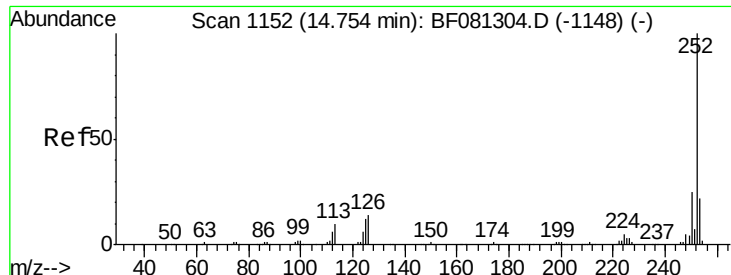


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

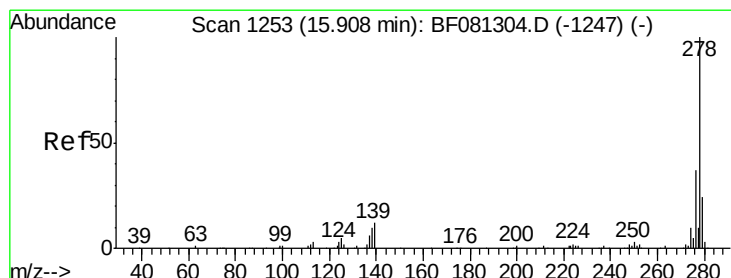
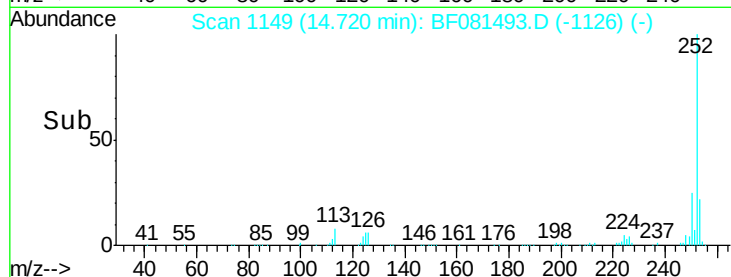
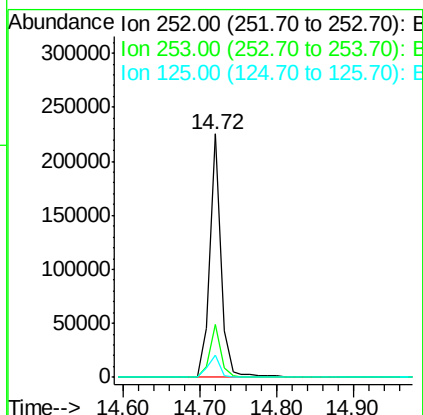
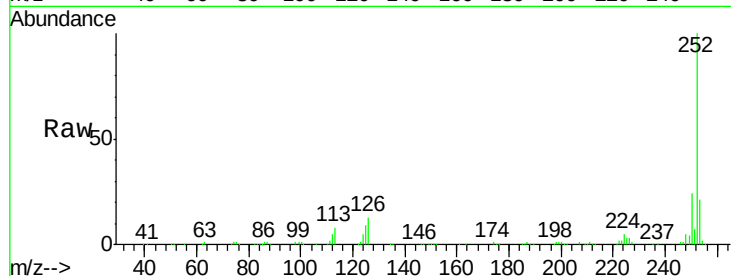




#89
Benzo(a)pyrene
Concen: 34.90 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

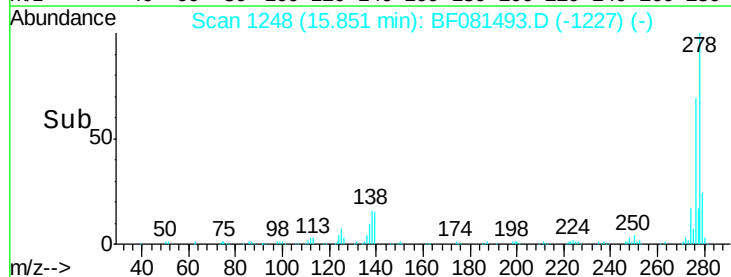
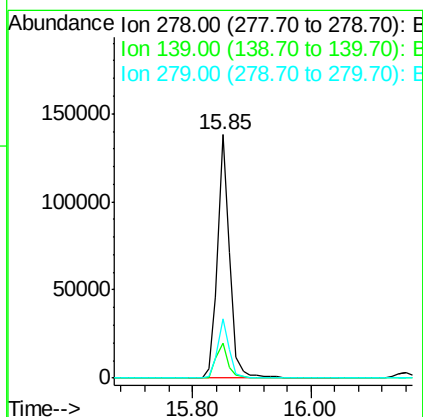
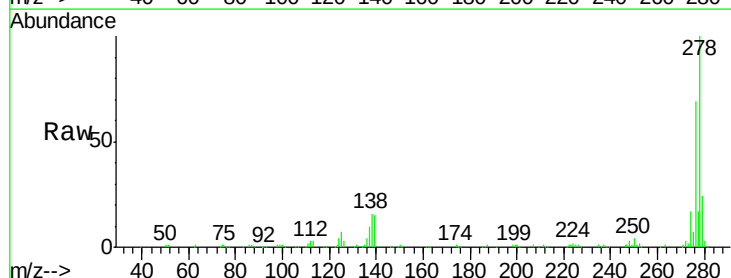
Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MSD

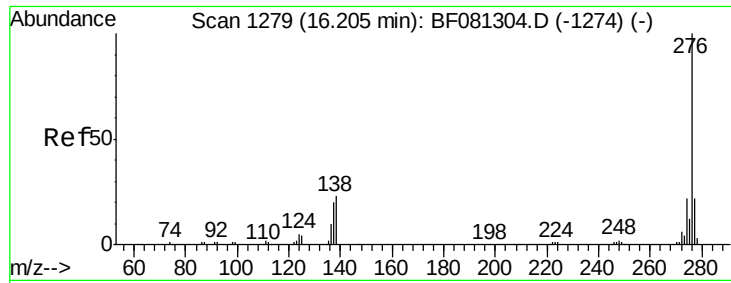
Tot Ion:252 Resp: 228055
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.2 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.96 ng
RT: 15.85 min Scan# 1248
Delta R.T. -0.06 min
Lab File: BF081493.D
Acq: 6 Sep 2015 6:09

Tgt Ion:278 Resp: 196696
Ion Ratio Lower Upper
278 100
139 14.6 26.3 39.5#
279 24.2 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 40.55 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF081493.D

Acq: 6 Sep 2015 6:09

Instrument :

BNA_F

ClientSampleId :

MGP208BR-23-25MSD

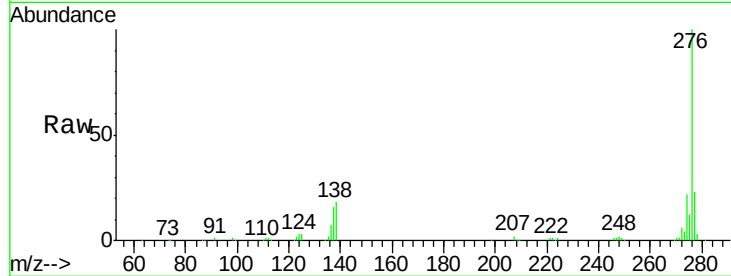
Tot Ion: 276 Resp: 195429

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 18.4 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

