

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
 Data File : BF081791.D
 Acq On : 25 Sep 2015 6:38
 Operator : UM/IZ
 Sample : G3708-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Quant Time: Sep 25 07:15:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 07:13:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	138328	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	576359	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	284408	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	522253	20.00	ng	0.00
75) Chrysene-d12	14.12	240	397923	20.00	ng	0.00
86) Perylene-d12	15.58	264	322764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	865461	105.85	ng	0.01
7) Phenol-d6	6.57	99	1190452	115.10	ng	0.00
23) Nitrobenzene-d5	7.52	82	754016	86.32	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	364590	147.66	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1341984	77.46	ng	0.00
78) Terphenyl-d14	13.06	244	1292664	74.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	128346	31.71	ng	90
3) Pyridine	3.43	79	357027	31.27	ng	89
4) n-Nitrosodimethylamine	3.38	42	191042	35.46	ng	95
6) Aniline	6.62	93	412716	26.66	ng	93
8) 2-Chlorophenol	6.73	128	342353	38.00	ng	84
9) Benzaldehyde	6.50	77	146999	24.04	ng	90
10) Phenol	6.58	94	397947	33.13	ng	# 53
11) bis(2-Chloroethyl)ether	6.69	93	314877	35.74	ng	94
12) 1,3-Dichlorobenzene	6.89	146	398595	37.39	ng	# 94
13) 1,4-Dichlorobenzene	6.97	146	420245	38.96	ng	96
14) 1,2-Dichlorobenzene	6.97	146	420245	41.87	ng	98
15) Benzyl Alcohol	7.09	79	333204	40.85	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.23	45	629158	41.75	ng	86
17) 2-Methylphenol	7.20	107	321437	42.24	ng	# 85
18) Hexachloroethane	7.46	117	132818	37.81	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	286622	41.57	ng	# 78
20) 3+4-Methylphenols	7.35	107	371514	38.86	ng	# 79
22) Acetophenone	7.36	105	476878	37.73	ng	# 77
24) Nitrobenzene	7.53	77	384512	39.45	ng	# 66
25) Isophorone	7.77	82	738956	38.19	ng	# 89
26) 2-Nitrophenol	7.85	139	171516	48.45	ng	# 56
27) 2,4-Dimethylphenol	7.89	122	325588	37.10	ng	# 81
28) bis(2-Chloroethoxy)methane	7.99	93	490226	43.36	ng	# 94
29) 2,4-Dichlorophenol	8.09	162	356748	43.66	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	358189	39.06	ng	98
31) Naphthalene	8.26	128	1084100	40.77	ng	97
32) Benzoic acid	7.89	122	325588	190.53	ng	# 29
33) 4-Chloroaniline	8.31	127	278898	23.90	ng	# 93
34) Hexachlorobutadiene	8.38	225	218670	40.43	ng	99
35) Caprolactam	8.63	113	7281	3.34	ng	93
36) 4-Chloro-3-methylphenol	8.78	107	334169	40.81	ng	# 79
37) 2-Methylnaphthalene	8.95	142	704344	37.17	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	361617	39.84	ng	99
40) Hexachlorocyclopentadiene	9.11	237	337905	86.86	ng	99

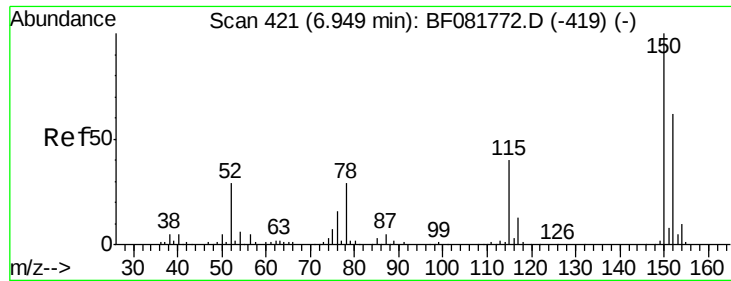
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	262257	43.85	nq	100
43) 2,4,5-Trichlorophenol	9.26	196	246642	41.91	nq	# 90
45) 1,1'-Biphenyl	9.42	154	956725	43.02	nq	94
46) 2-Chloronaphthalene	9.44	162	706657	39.50	nq	93
47) 2-Nitroaniline	9.53	65	203691	42.81	nq	# 68
48) Acenaphthylene	9.86	152	1171082	38.68	nq	97
49) Dimethylphthalate	9.71	163	1136560	52.52	nq	# 97
50) 2,6-Dinitrotoluene	9.78	165	209549	50.16	nq	94
51) Acenaphthene	10.03	154	705894	40.46	nq	92
52) 3-Nitroaniline	9.94	138	140629	31.04	nq	# 61
53) 2,4-Dinitrophenol	10.05	184	46217	68.37	nq	# 44
54) Dibenzofuran	10.21	168	1018529	39.80	nq	97
55) 4-Nitrophenol	10.10	139	297133	95.10	nq	# 74
56) 2,4-Dinitrotoluene	10.18	165	272068	54.40	nq	# 96
57) Fluorene	10.55	166	764496	38.93	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	211260	47.03	nq	97
59) Diethylphthalate	10.41	149	856823	40.88	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	390841	43.35	nq	97
61) 4-Nitroaniline	10.56	138	170799	38.81	nq	# 45
62) Azobenzene	10.70	77	921407	43.00	nq	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	64582	52.41	nq	97
65) n-Nitrosodiphenylamine	10.65	169	665010	37.76	nq	90
66) 4-Bromophenyl-phenylether	11.03	248	251236	43.20	nq	# 86
67) Hexachlorobenzene	11.09	284	262327	43.24	nq	# 89
68) Atrazine	11.18	200	225527	42.83	nq	82
69) Pentachlorophenol	11.28	266	276373	82.23	nq	98
70) Phenanthrene	11.51	178	1207968	40.46	nq	96
71) Anthracene	11.55	178	1088252	37.82	nq	95
72) Carbazole	11.72	167	1073945	40.21	nq	96
73) Di-n-butylphthalate	12.04	149	1281550	39.42	nq	# 97
74) Fluoranthene	12.69	202	1128016	37.49	nq	93
76) Benzidine	12.81	184	301318	22.31	nq	98
77) Pyrene	12.92	202	1198295	39.94	nq	95
79) Butylbenzylphthalate	13.53	149	522248	43.68	nq	# 77
80) Benzo(a)anthracene	14.10	228	874528	36.24	nq	95
81) 3,3'-Dichlorobenzidine	14.07	252	246745	32.19	nq	# 93
82) Chrysene	14.10	228	874528	37.79	nq	97
83) Bis(2-ethylhexyl)phthalate	14.09	149	766561	52.88	nq	# 93
84) Di-n-octyl phthalate	14.71	149	1225534	57.49	nq	95
85) Indeno(1,2,3-cd)pyrene	17.04	276	795059	37.53	nq	# 89
87) Benzo(b)fluoranthene	15.16	252	768938	40.17	nq	# 86
88) Benzo(k)fluoranthene	15.16	252	768938	41.71	nq	# 87
89) Benzo(a)pyrene	15.52	252	714554	41.35	nq	# 85
90) Dibenzo(a,h)anthracene	17.06	278	676327	37.56	nq	# 83
91) Benzo(g,h,i)perylene	17.49	276	619600	33.37	nq	# 79

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

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MGP209BR-29-30MSD

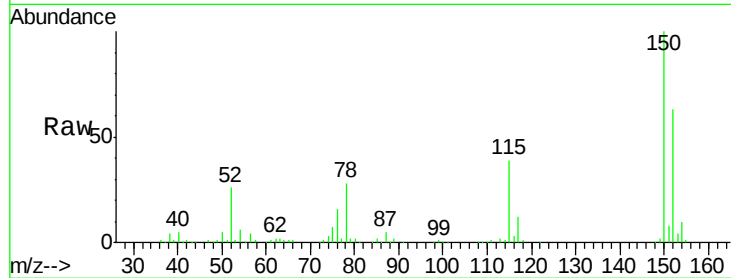
Tot Ion:152 Resp: 138328

Ion Ratio Lower Upper

152 100

150 159.2 124.7 187.1

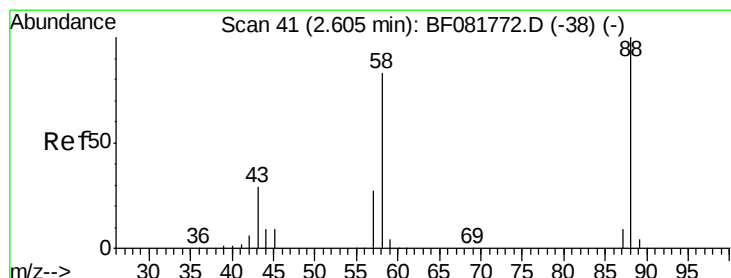
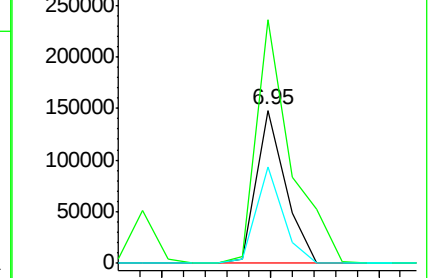
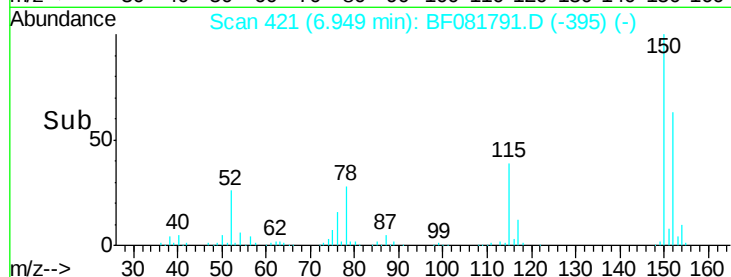
115 62.7 39.0 58.4#



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: 31.71 ng

RT: 2.67 min Scan# 47

Delta R.T. 0.07 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

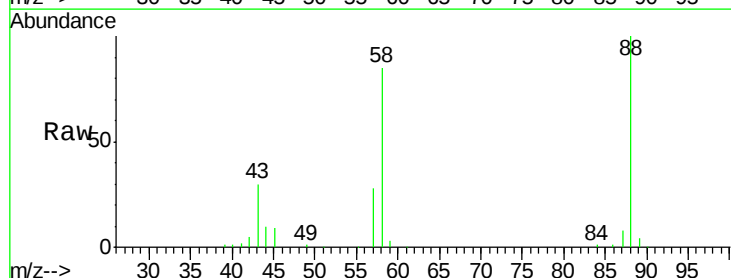
Tgt Ion: 88 Resp: 128346

Ion Ratio Lower Upper

88 100

58 85.2 77.7 116.5

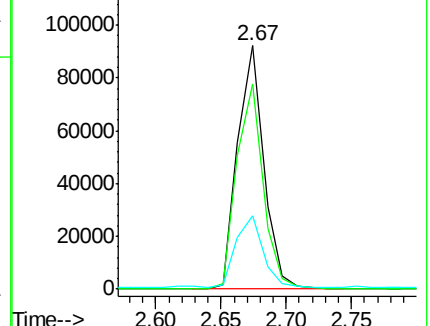
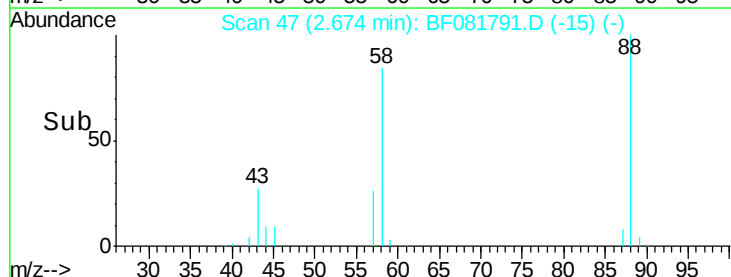
43 30.2 26.6 40.0

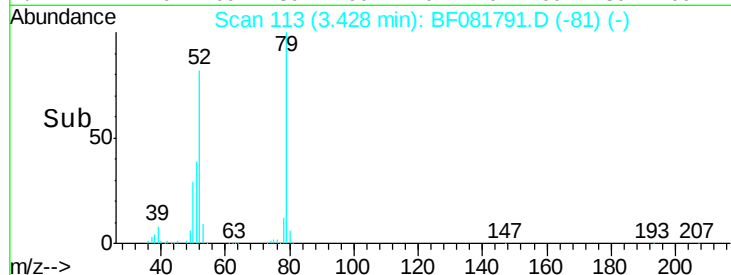
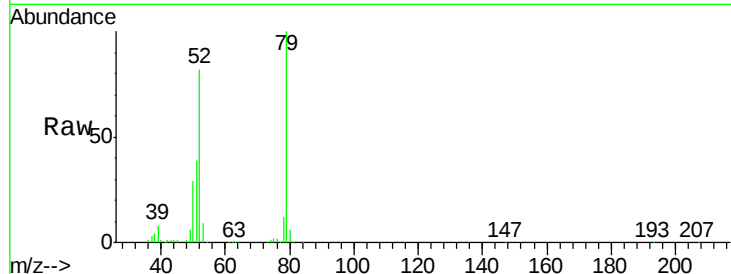
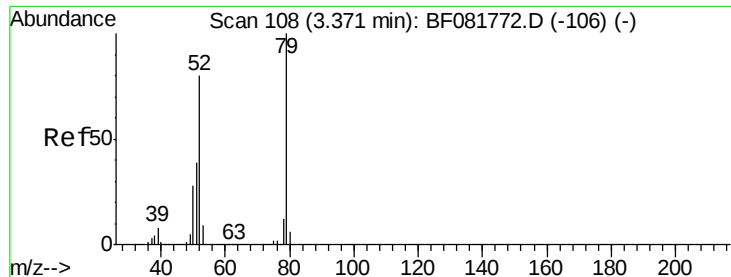


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

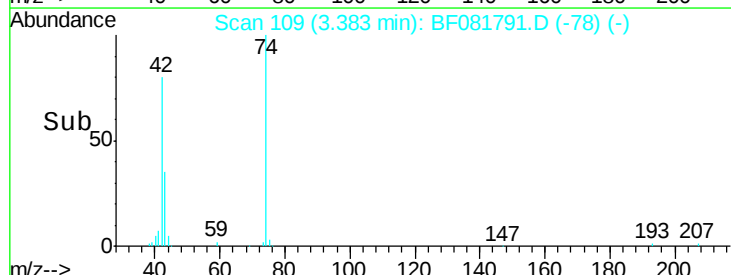
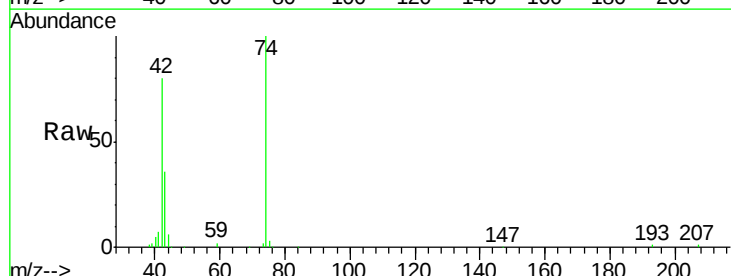
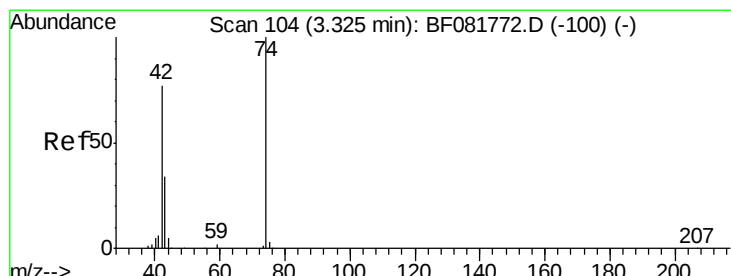
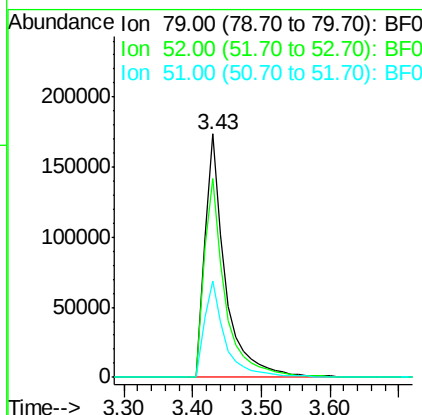




#3
Pvridine
Concen: 31.27 ng
RT: 3.43 min Scan# 113
Delta R.T. 0.07 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

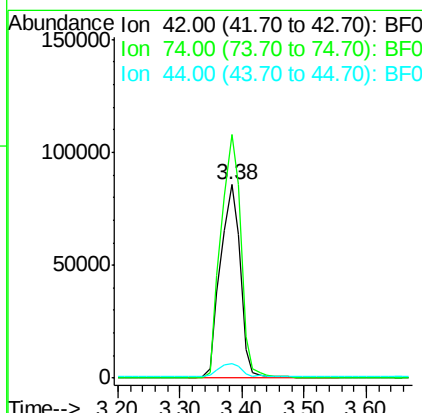
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

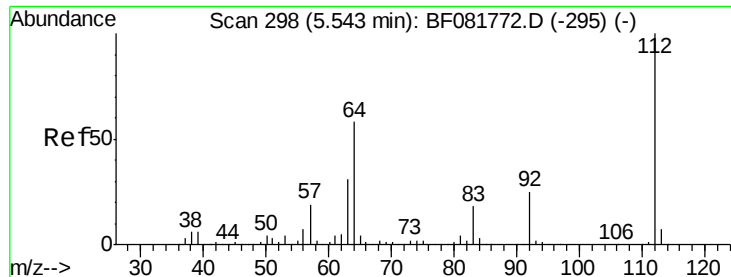
Tot Ion: 79 Resp: 357027
Ion Ratio Lower Upper
79 100
52 81.6 76.8 115.2
51 39.4 32.2 48.4



#4
n-Nitrosodimethylamine
Concen: 35.46 ng
RT: 3.38 min Scan# 109
Delta R.T. 0.06 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion: 42 Resp: 191042
Ion Ratio Lower Upper
42 100
74 125.8 105.0 157.6
44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 105.85 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

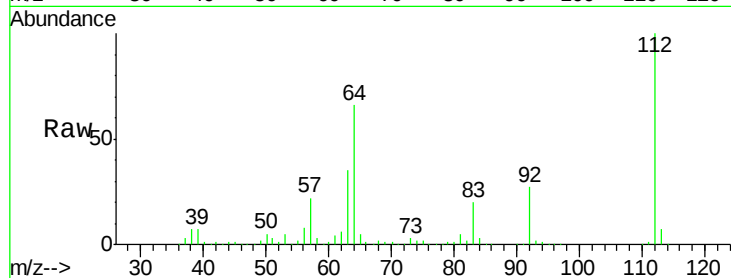
Tot Ion:112 Resp: 865461

Ion Ratio Lower Upper

112 100

64 66.3 39.7 59.5#

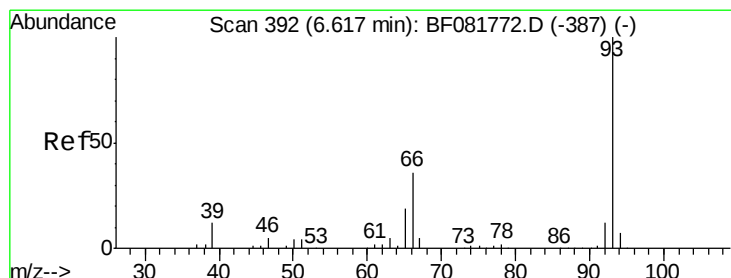
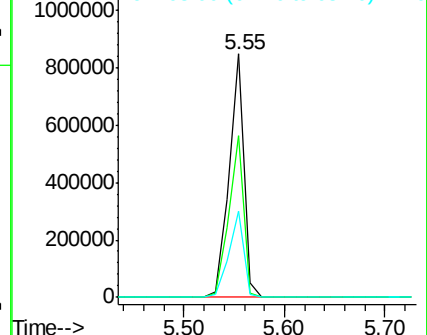
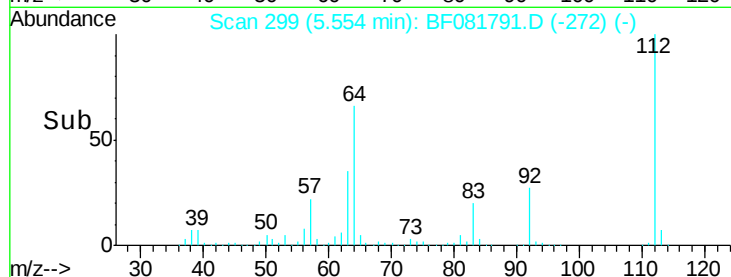
63 35.3 17.4 26.0#



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: 26.66 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

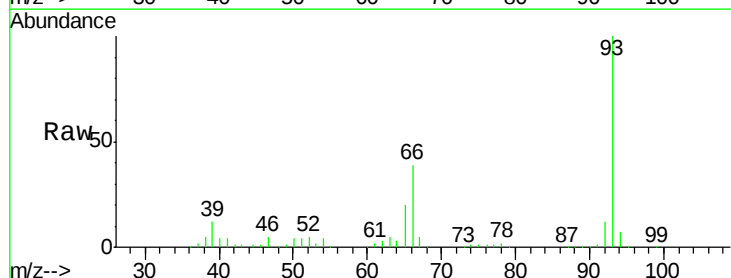
Tgt Ion: 93 Resp: 412716

Ion Ratio Lower Upper

93 100

66 39.2 27.2 40.8

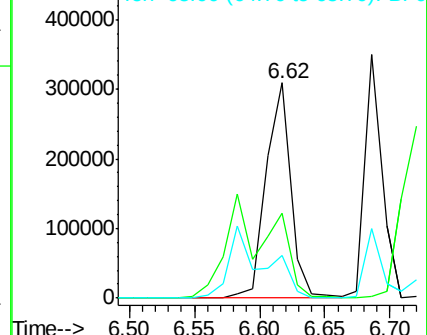
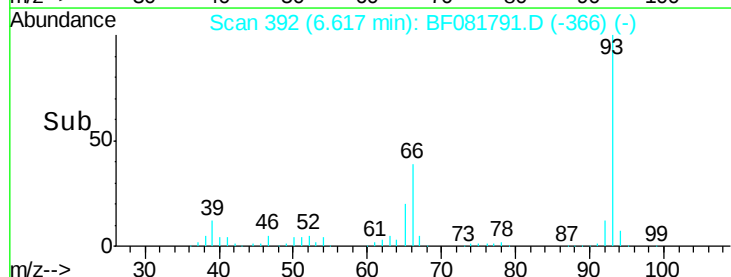
65 19.9 14.7 22.1

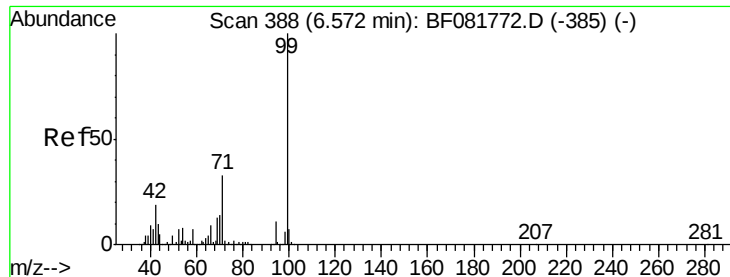


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.10 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

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MGP209BR-29-30MSD

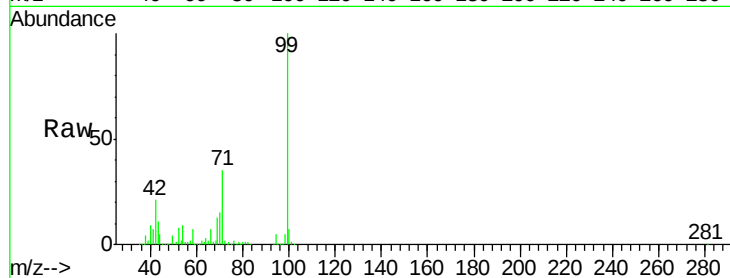
Tot Ion: 99 Resp: 1190452

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

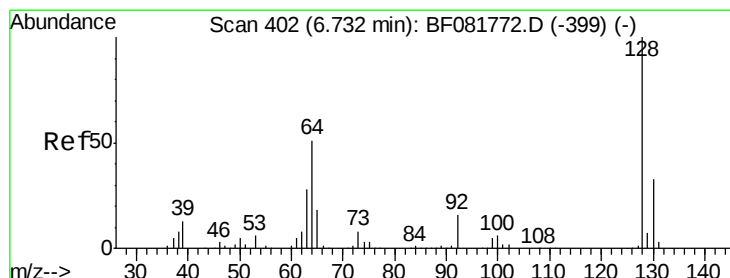
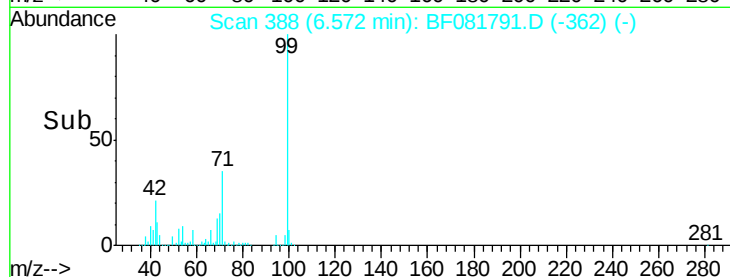
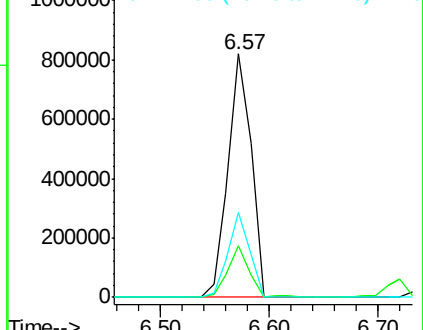
71 35.0 14.2 21.2#



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: 38.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

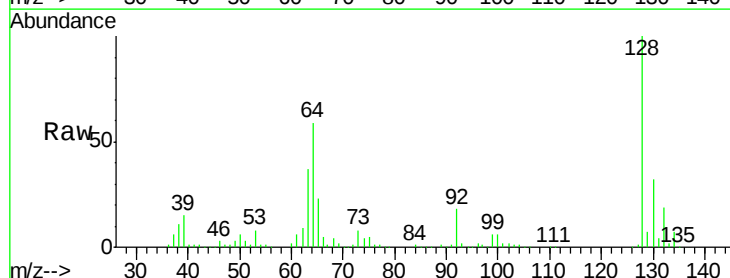
Tgt Ion: 128 Resp: 342353

Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

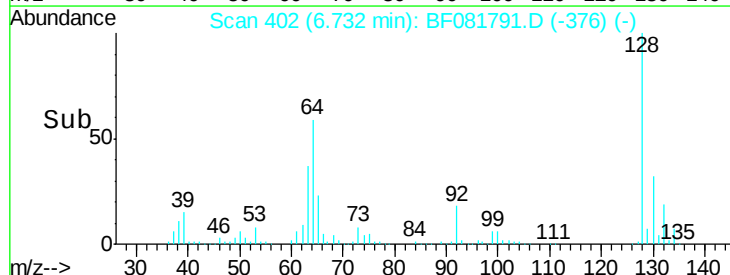
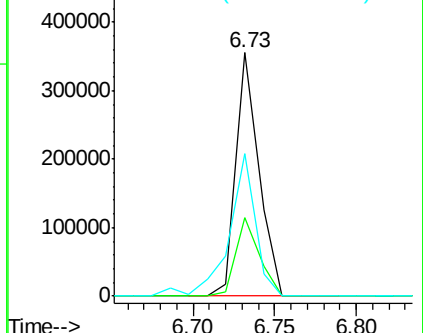
64 58.7 20.5 60.5

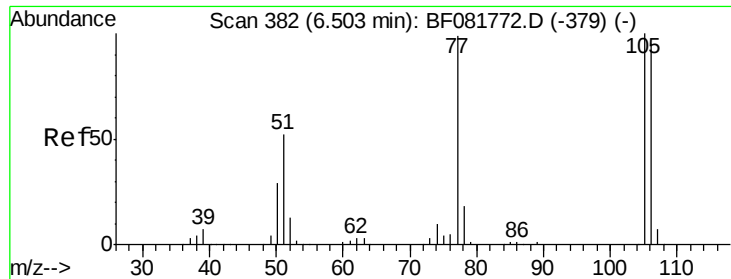


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.04 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

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ClientSampleId :

MGP209BR-29-30MSD

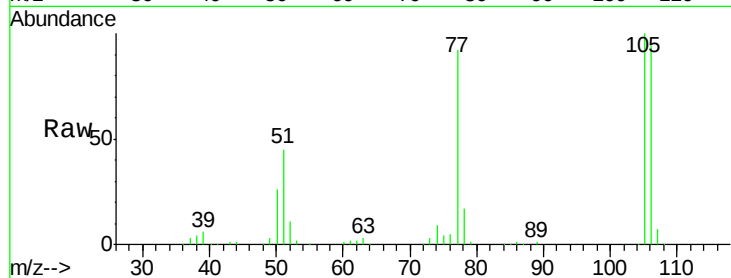
Tot Ion: 77 Resp: 146999

Ion Ratio Lower Upper

77 100

105 108.9 91.6 131.6

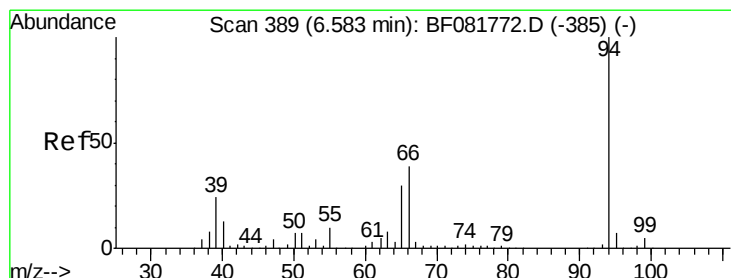
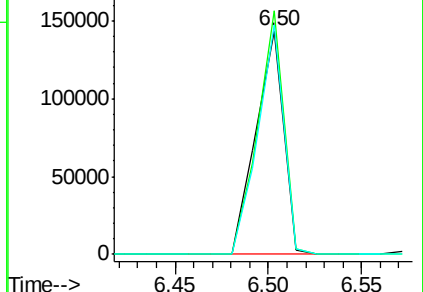
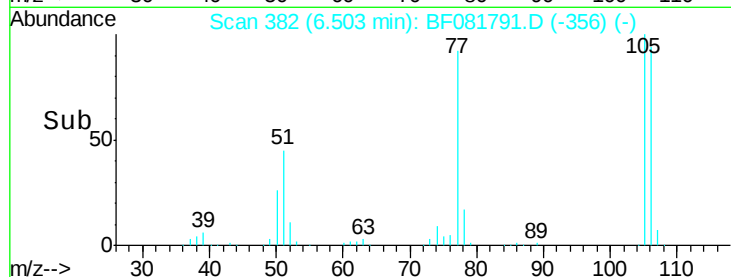
106 102.7 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.13 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

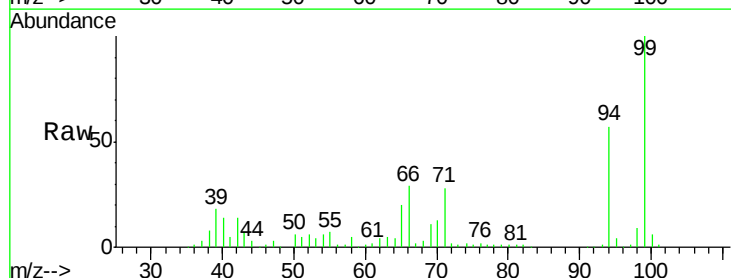
Tgt Ion: 94 Resp: 397947

Ion Ratio Lower Upper

94 100

65 34.6 0.7 40.7

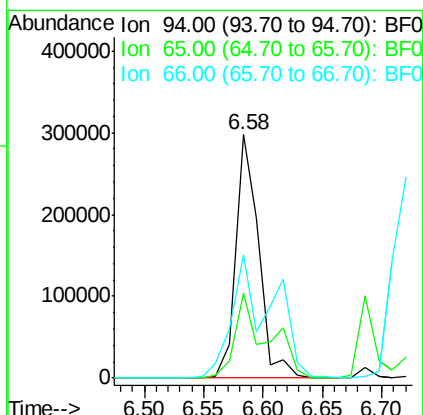
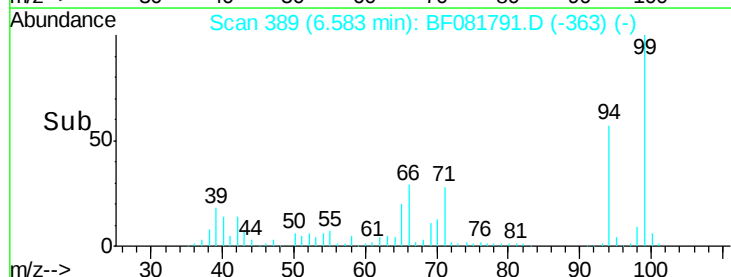
66 50.5 0.8 40.8#

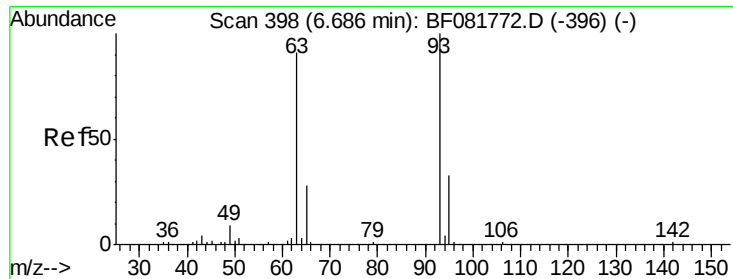


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.74 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

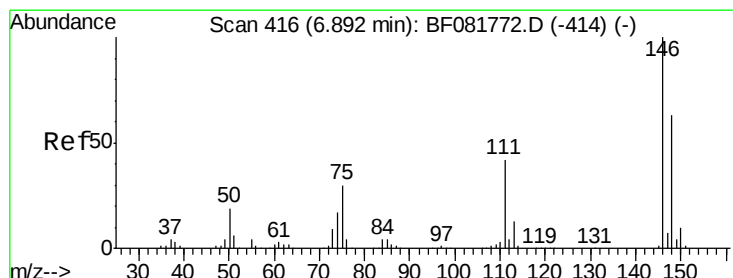
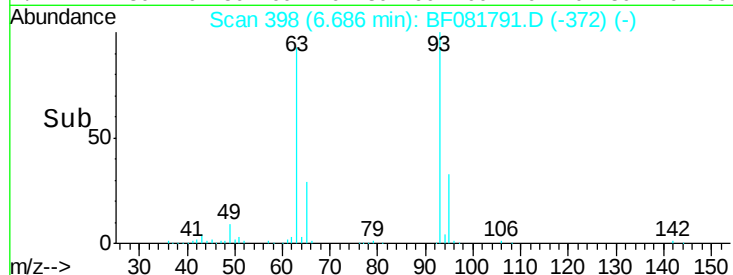
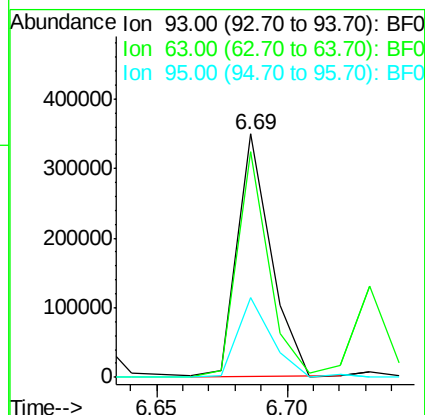
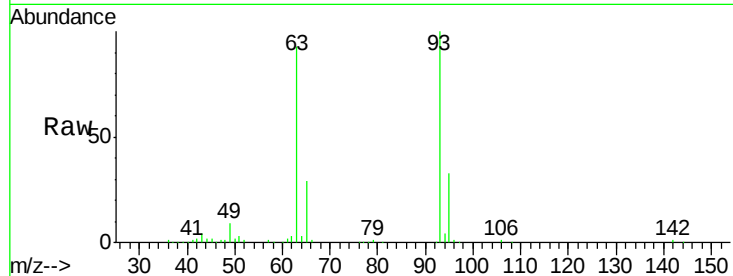
Tot Ion: 93 Resp: 314877

Ion Ratio Lower Upper

93 100

63 92.5 65.6 105.6

95 32.8 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 37.39 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

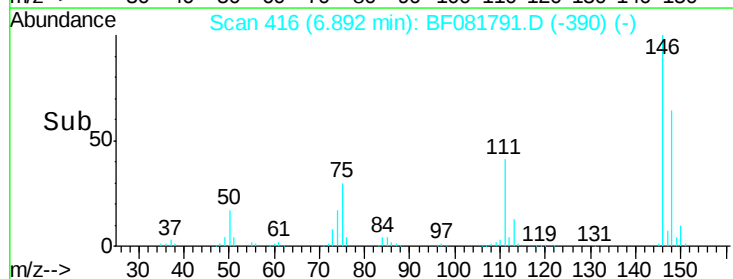
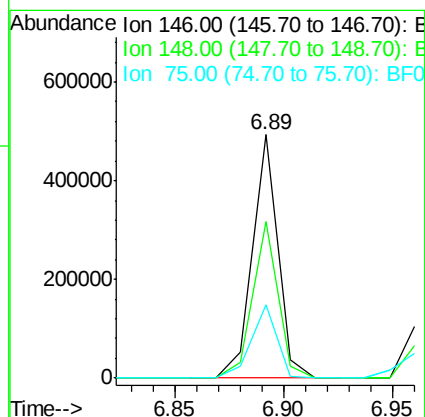
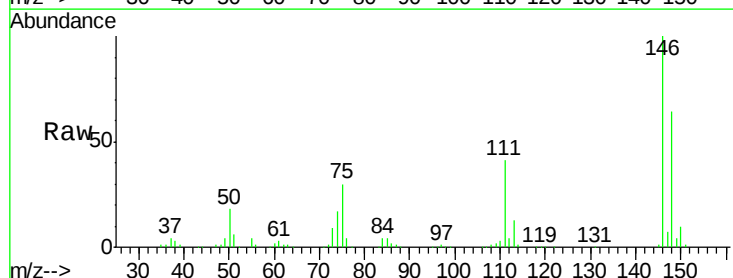
Tgt Ion: 146 Resp: 398595

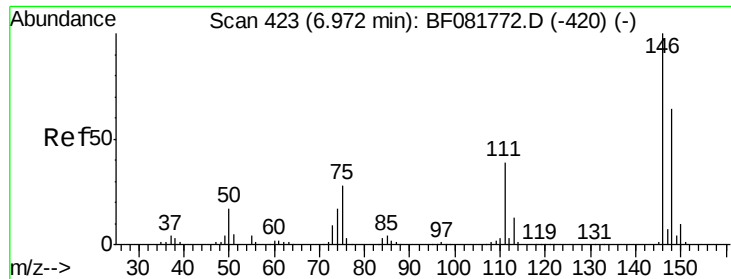
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 30.0 15.0 22.6#

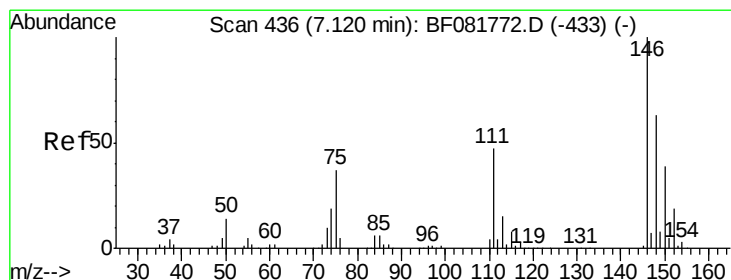
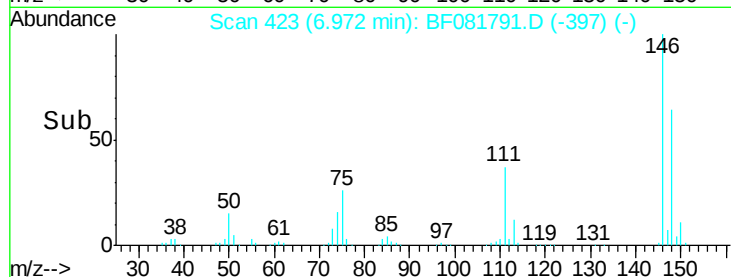
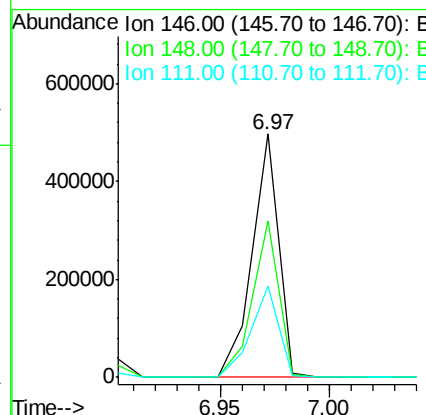
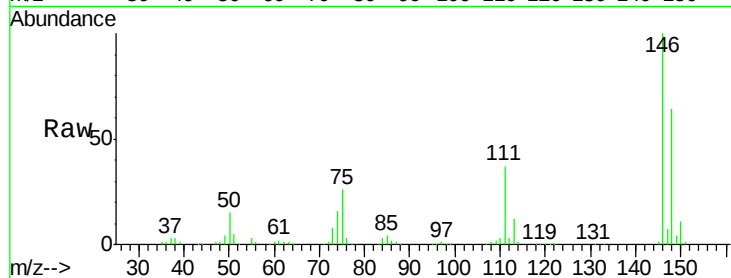




#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 6.97 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

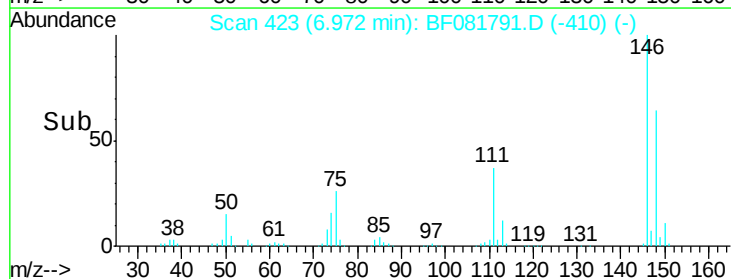
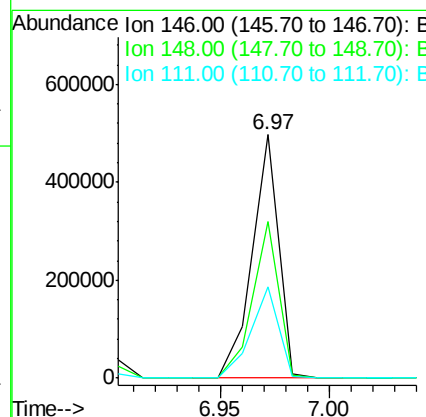
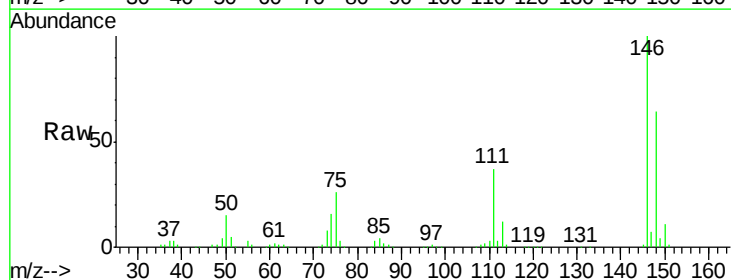
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

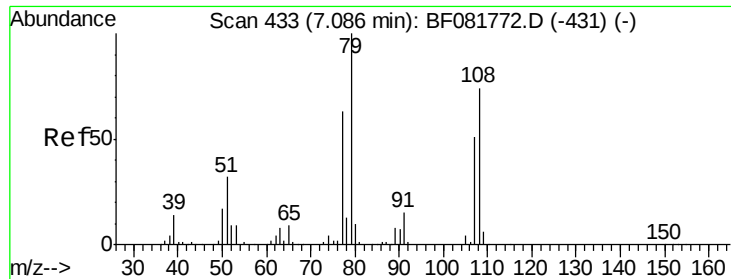
Tot Ion:146 Resp: 420245
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 37.3 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 41.87 ng
 RT: 6.97 min Scan# 423
 Delta R.T. -0.15 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:146 Resp: 420245
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.7 79.1
 111 37.3 28.8 43.2

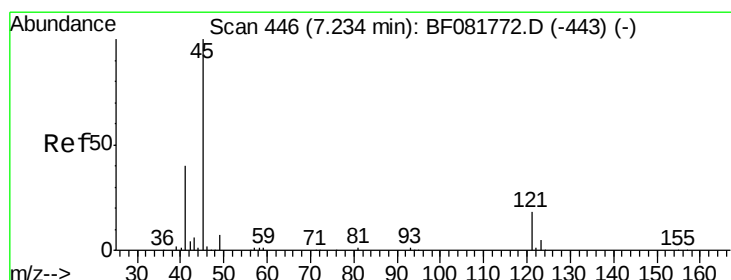
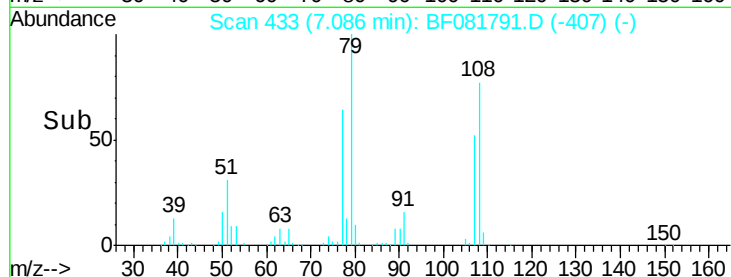
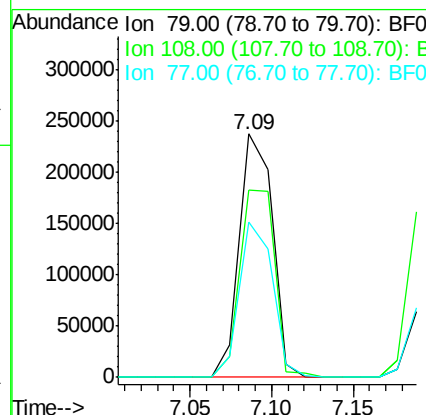
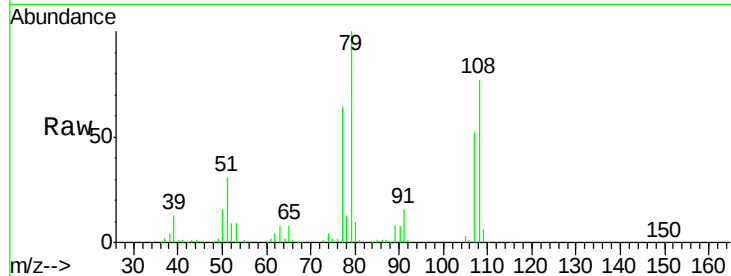




#15
Benzyl Alcohol
Concen: 40.85 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

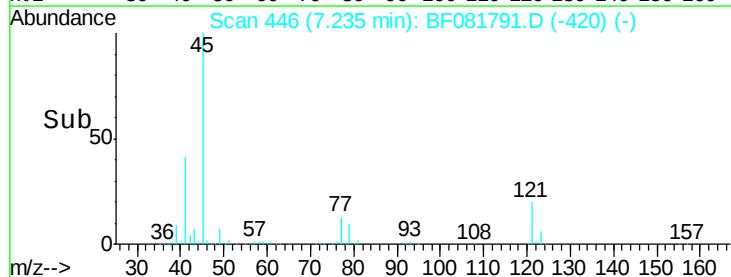
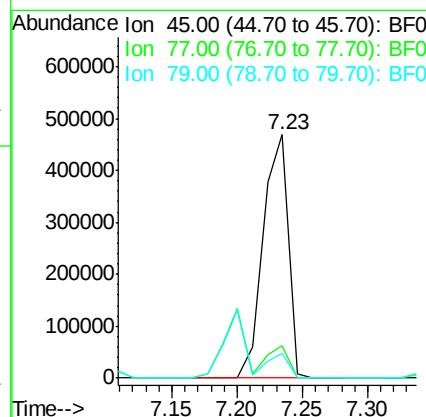
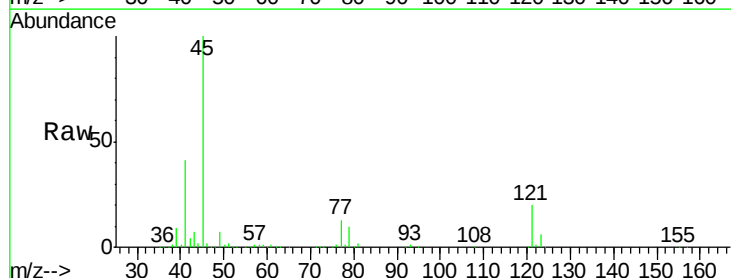
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

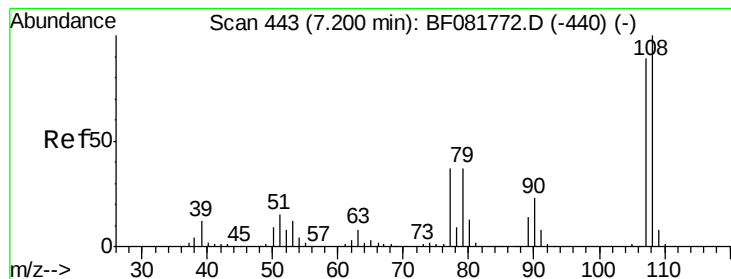
Tot Ion: 79 Resp: 333204
Ion Ratio Lower Upper
79 100
108 77.1 88.6 132.8#
77 63.8 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.75 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion: 45 Resp: 629158
Ion Ratio Lower Upper
45 100
77 13.2 0.0 28.1
79 10.4 0.0 26.0

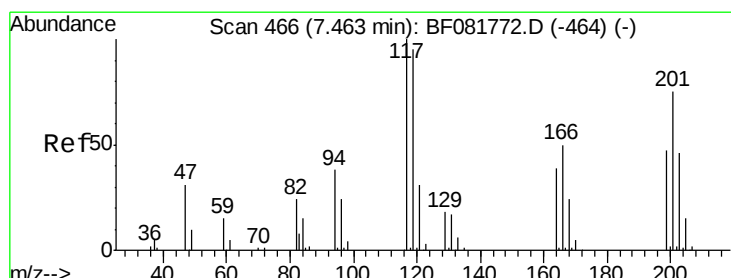
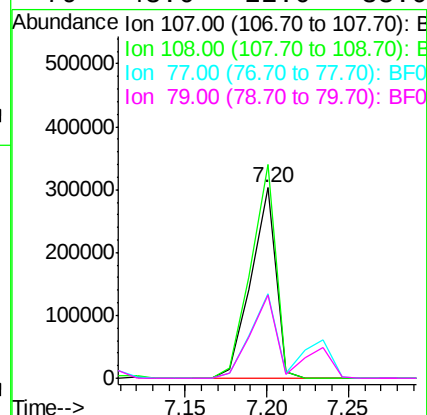
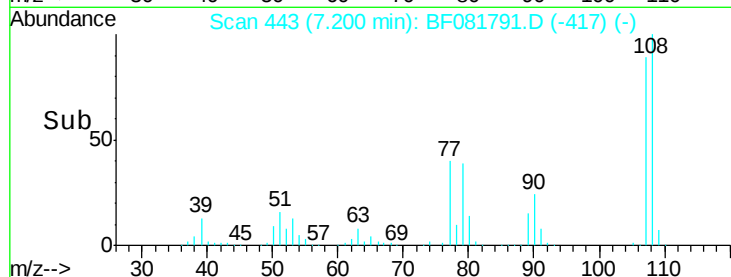
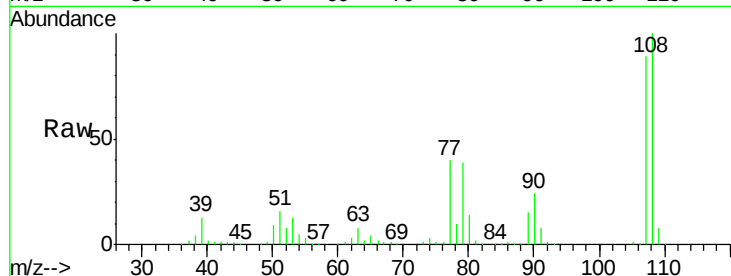




#17
2-Methylphenol
Concen: 42.24 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

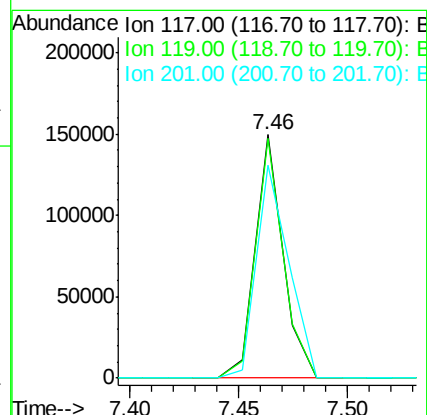
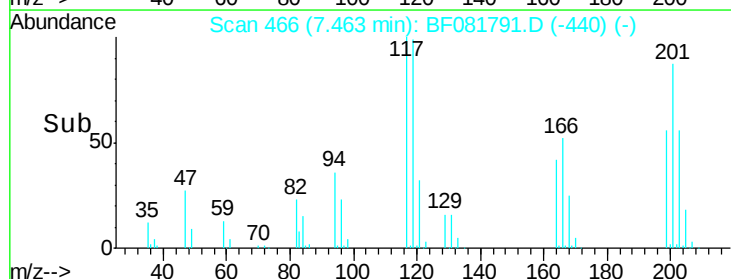
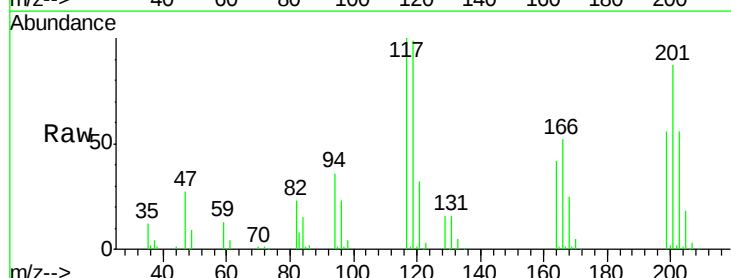
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

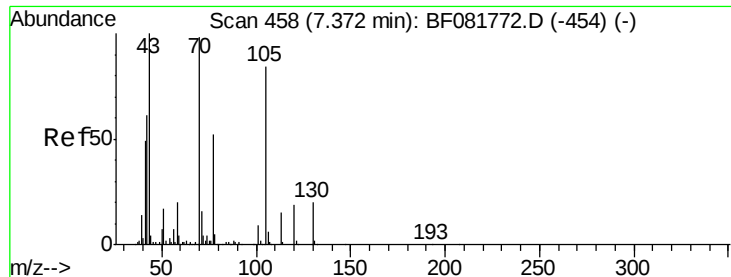
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	96.6	145.0
77	44.5	23.3	34.9
79	43.6	22.0	33.0



#18
Hexachloroethane
Concen: 37.81 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	83.8	125.6
201	87.3	55.1	82.7

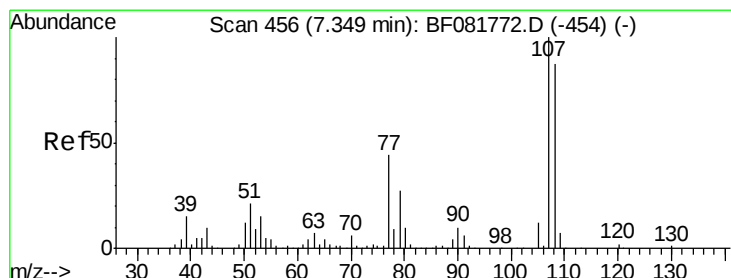
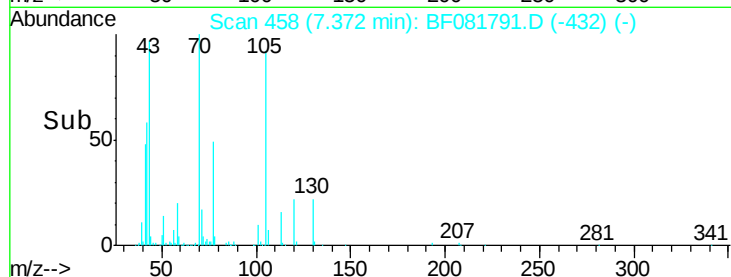
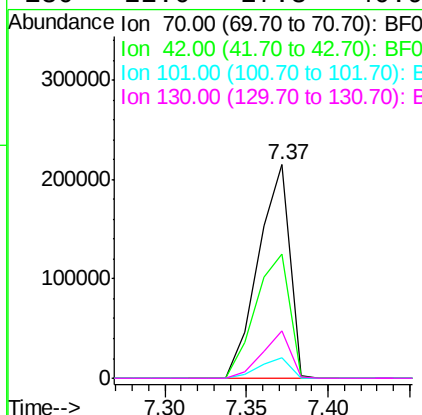
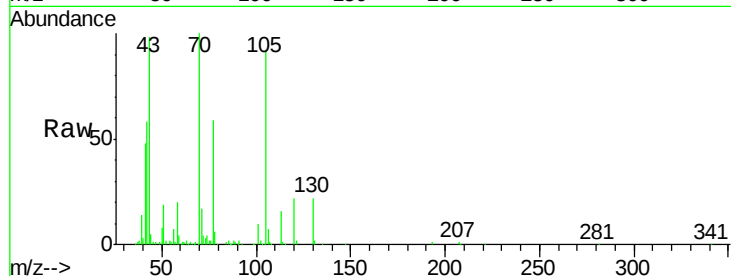




#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

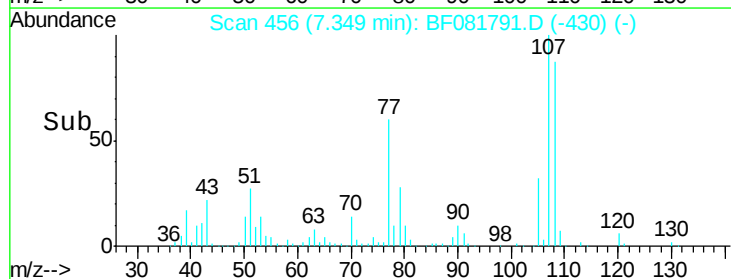
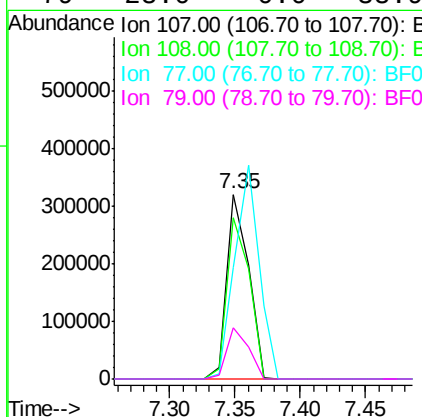
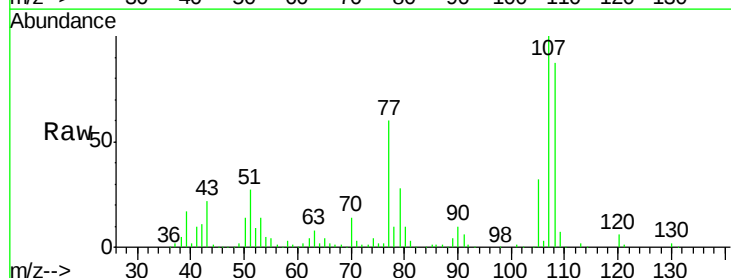
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

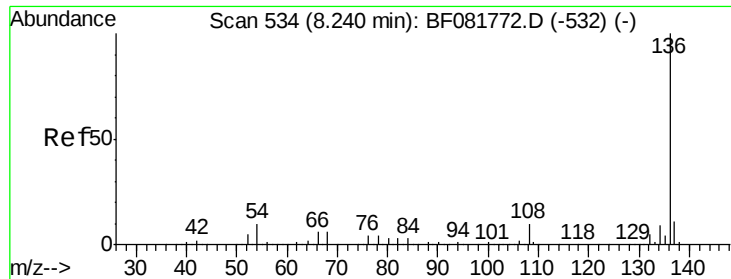
Tot Ion: 70 Resp: 286622
Ion Ratio Lower Upper
70 100
42 58.1 63.8 95.6#
101 9.8 9.2 13.8
130 22.0 27.3 40.9#



#20
3+4-Methylphenols
Concen: 38.86 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:107 Resp: 371514
Ion Ratio Lower Upper
107 100
108 87.5 74.6 114.6
77 60.3 0.7 40.7#
79 28.0 0.0 38.9

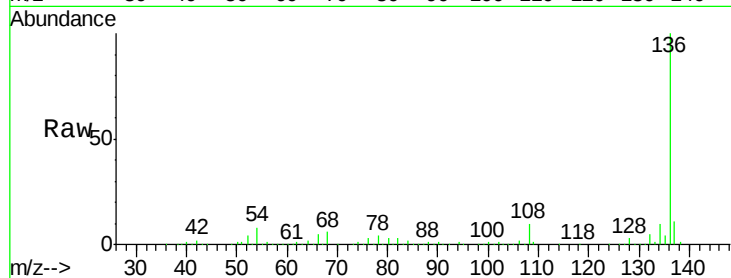




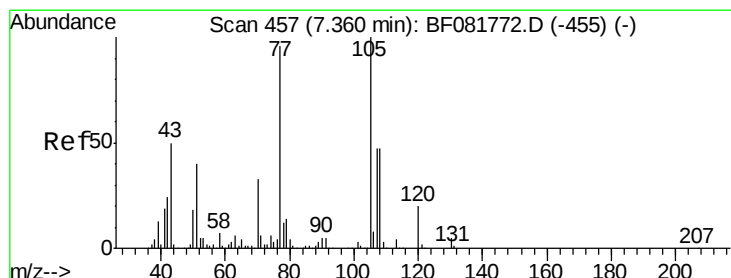
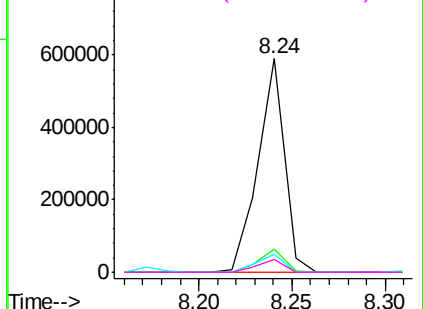
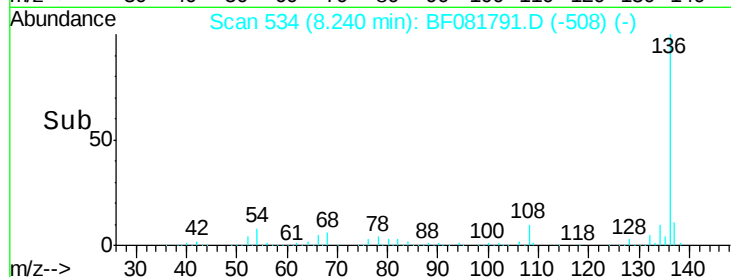
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tot Ion:136	Resp:	576359
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.6
54 8.3	8.2	12.2
68 5.7	5.8	8.6#

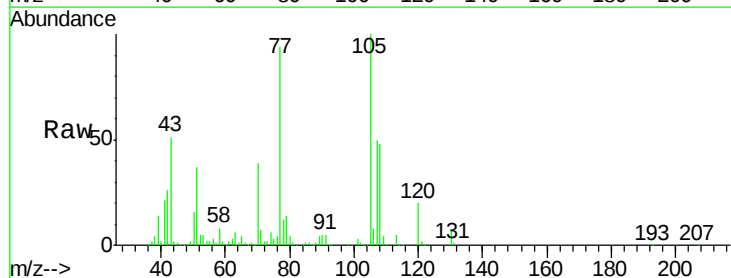


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

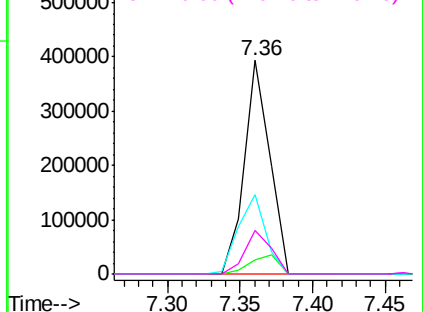
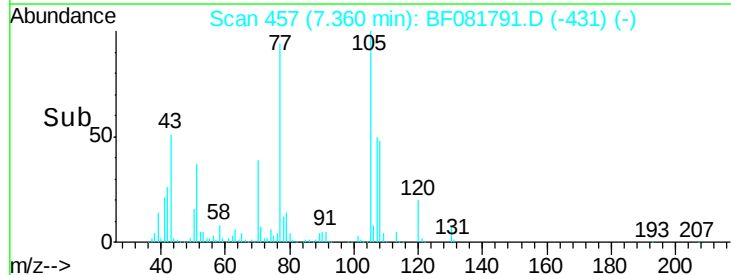


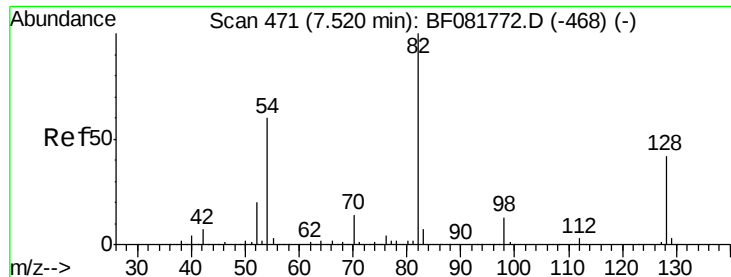
#22
Acetophenone
Concen: 37.73 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:105	Resp:	476878
Ion Ratio	Lower	Upper
105 100		
71 6.5	4.7	7.1
51 37.2	22.0	33.0#
120 20.4	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

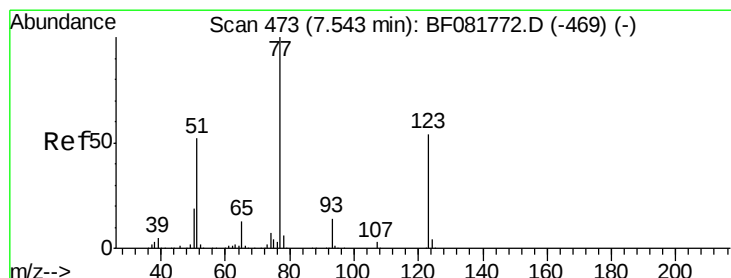
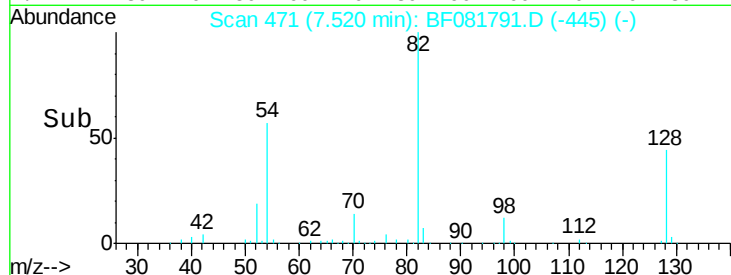
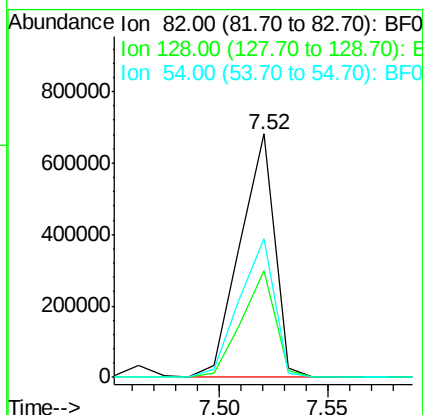
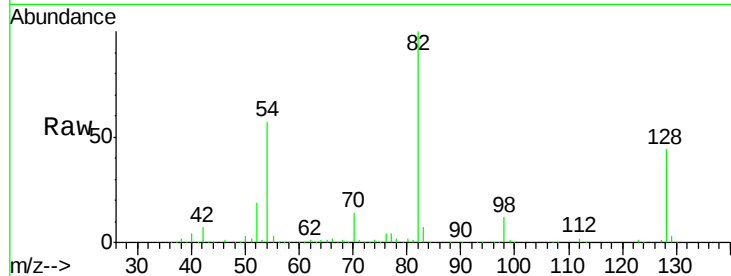




#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.52 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

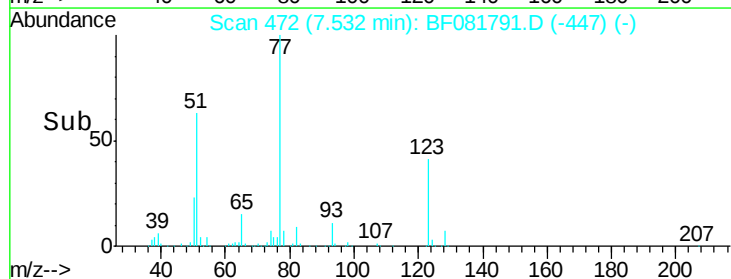
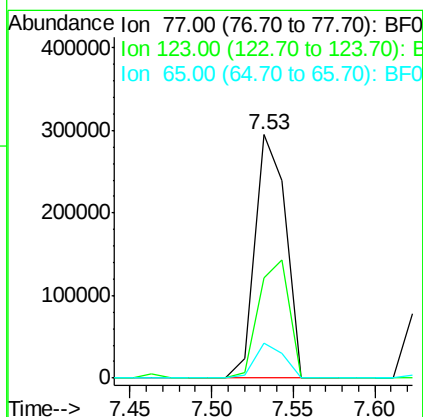
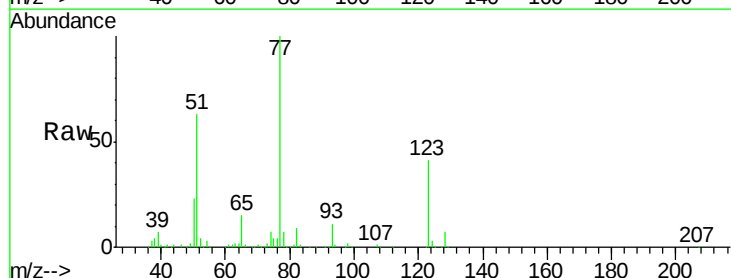
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

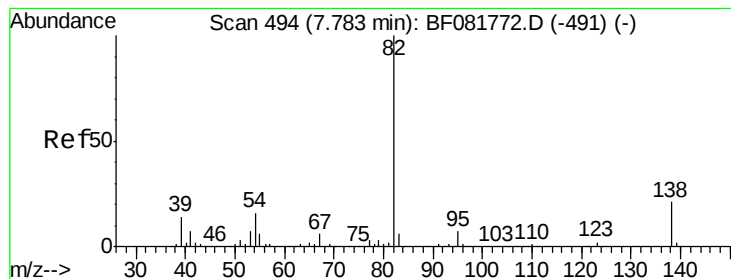
Tot Ion: 82 Resp: 754016
 Ion Ratio Lower Upper
 82 100
 128 43.6 51.0 76.6#
 54 57.2 47.5 71.3



#24
 Nitrobenzene
 Concen: 39.45 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion: 77 Resp: 384512
 Ion Ratio Lower Upper
 77 100
 123 41.4 59.8 89.8#
 65 14.5 10.2 15.4





#25

Isophorone

Concen: 38.19 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

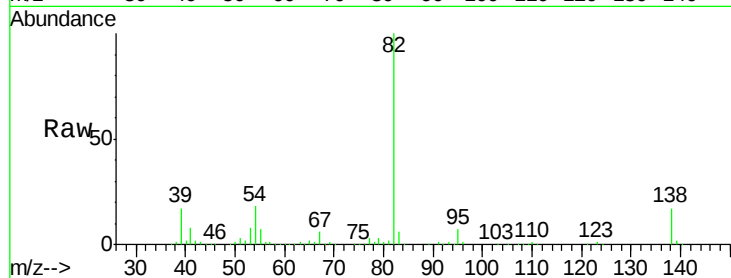
Tot Ion: 82 Resp: 738956

Ion Ratio Lower Upper

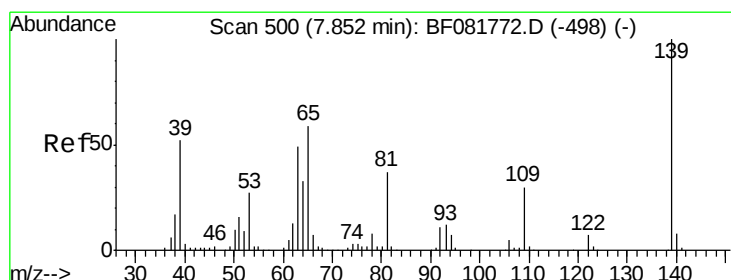
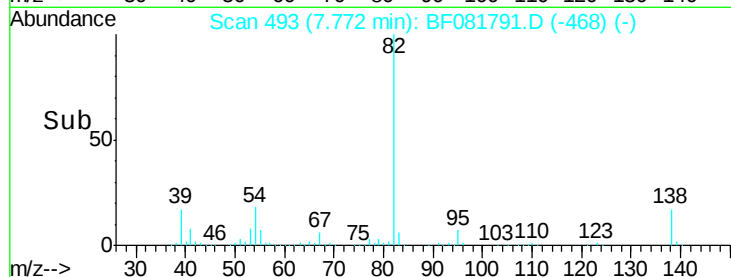
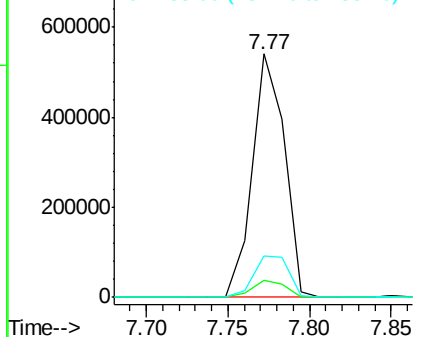
82 100

95 6.8 4.0 6.0#

138 16.8 18.3 27.5#



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



#26

2-Nitrophenol

Concen: 48.45 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

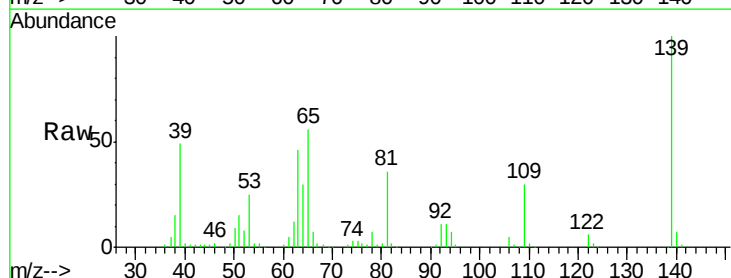
Tgt Ion: 139 Resp: 171516

Ion Ratio Lower Upper

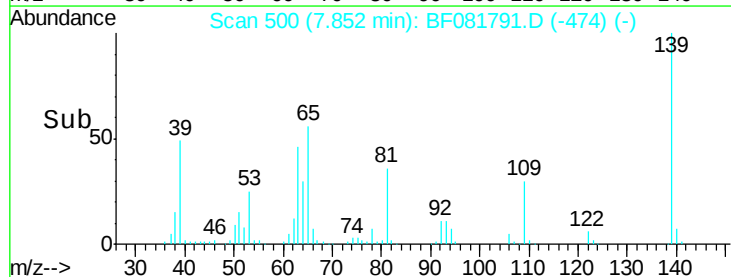
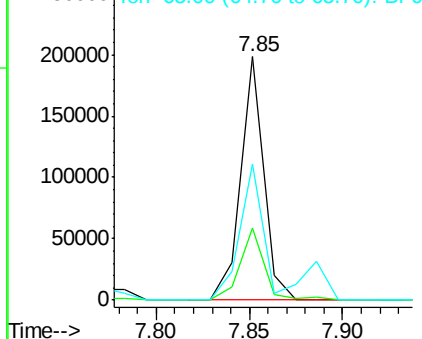
139 100

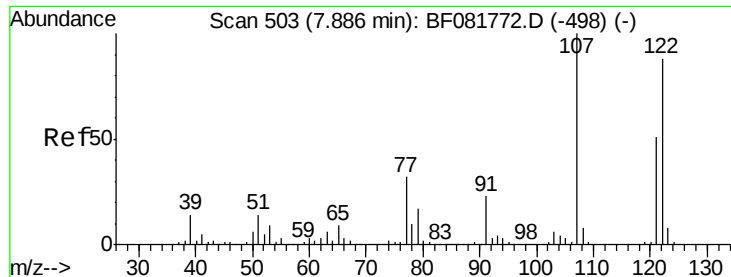
109 29.7 11.0 16.4#

65 56.0 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 37.10 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

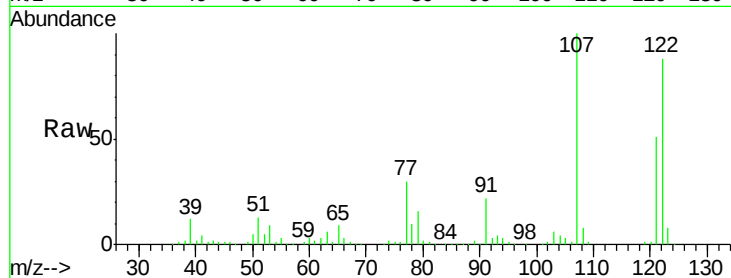
Tot Ion:122 Resp: 325588

Ion Ratio Lower Upper

122 100

107 113.4 71.8 107.6#

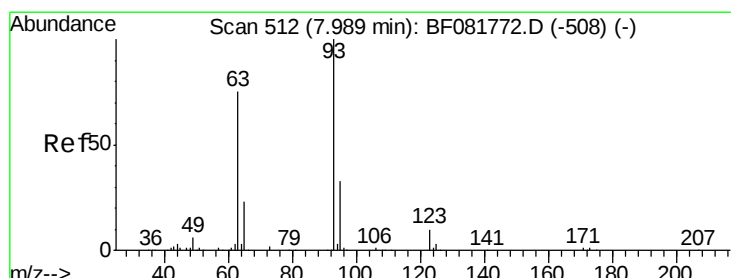
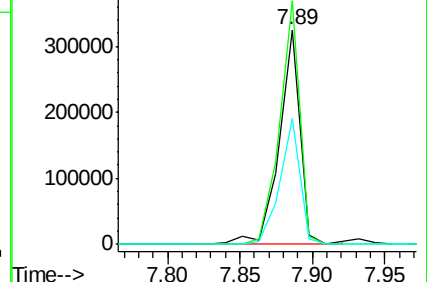
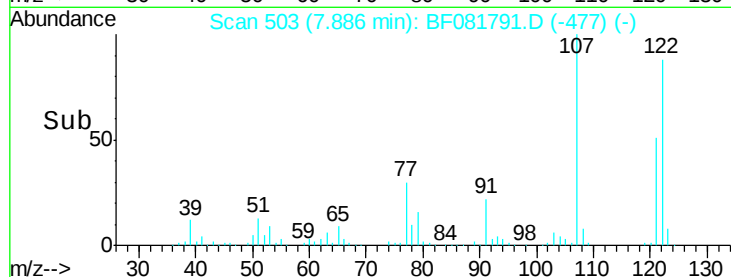
121 58.4 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.36 ng

RT: 7.99 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

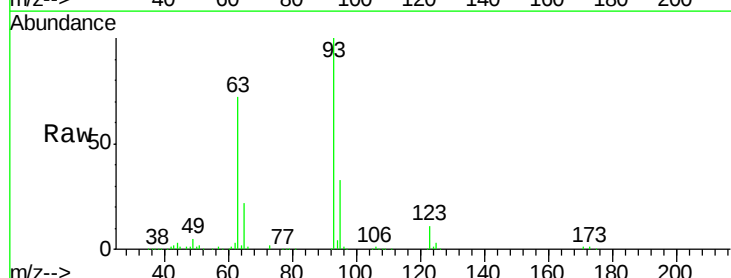
Tgt Ion: 93 Resp: 490226

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

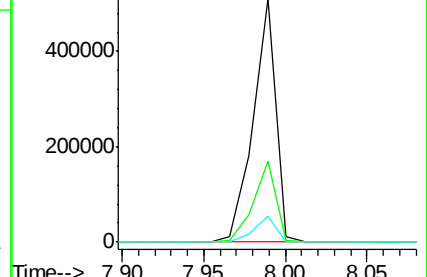
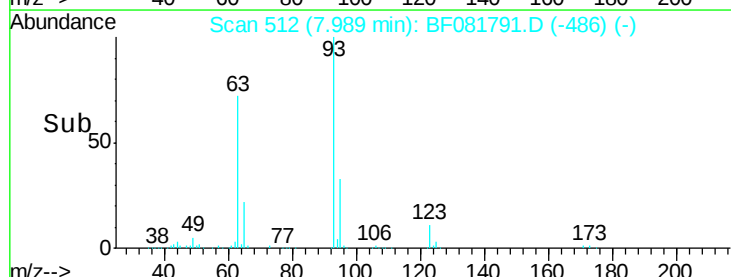
123 10.6 13.7 20.5#

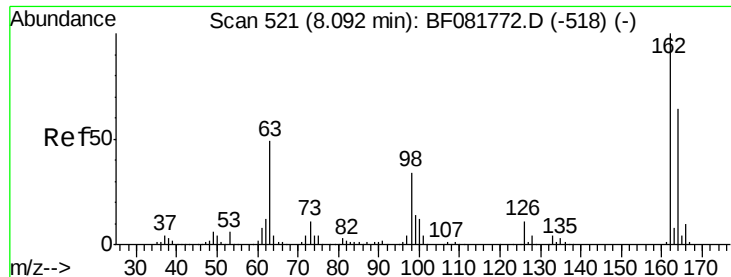


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

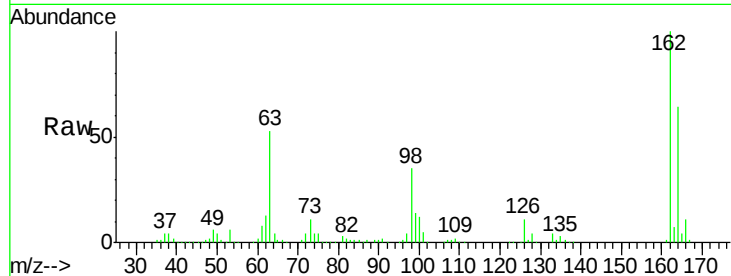




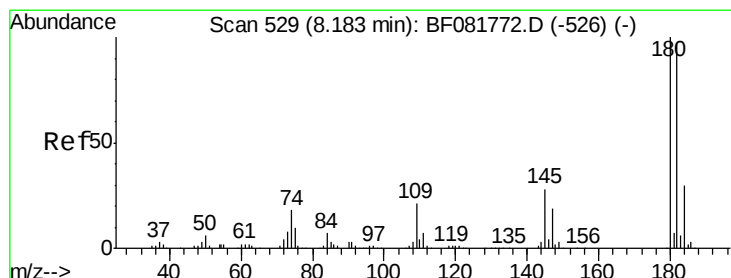
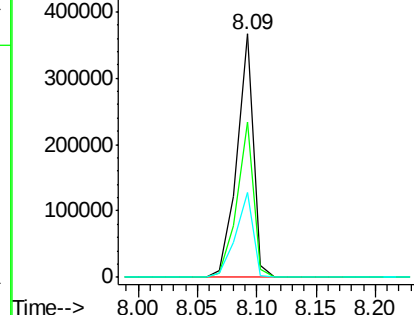
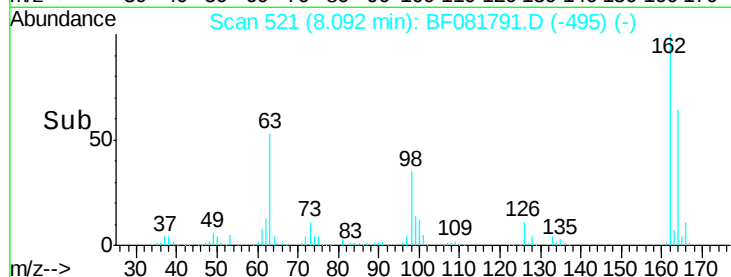
#29
 2,4-Dichlorophenol
 Concen: 43.66 ng
 RT: 8.09 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tot Ion:	162	Resp:	356748
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	34.9	13.0	53.0

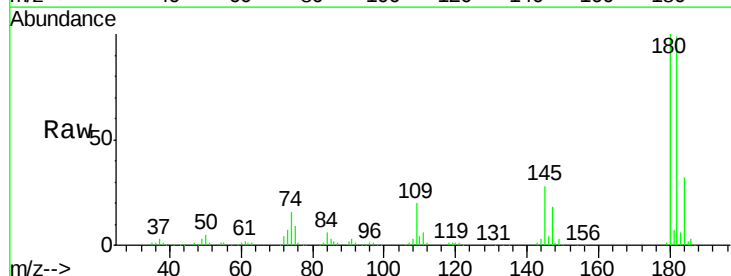


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

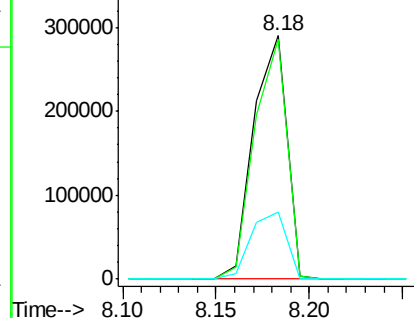
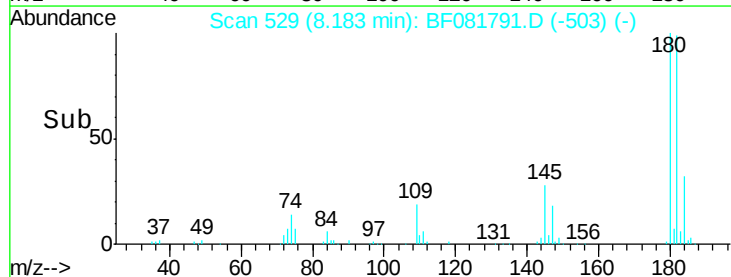


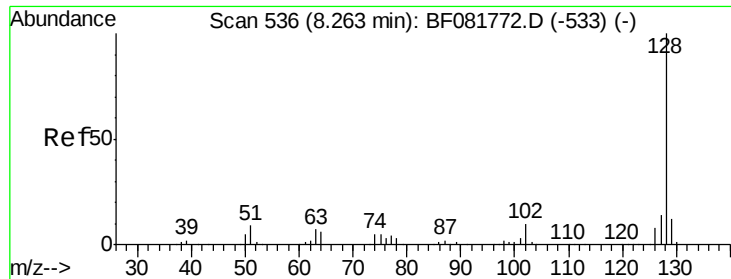
#30
 1,2,4-Trichlorobenzene
 Concen: 39.06 ng
 RT: 8.18 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:	180	Resp:	358189
Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.1	115.7
145	27.7	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

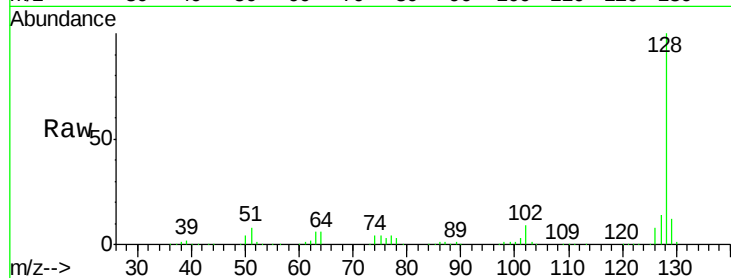




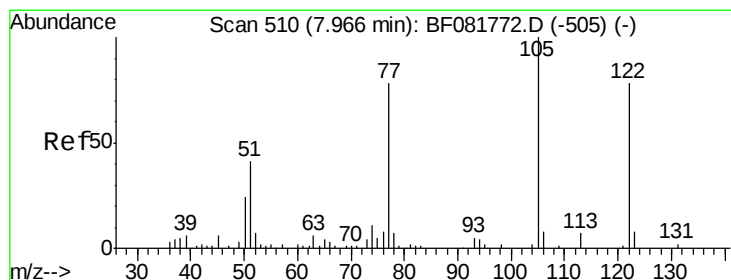
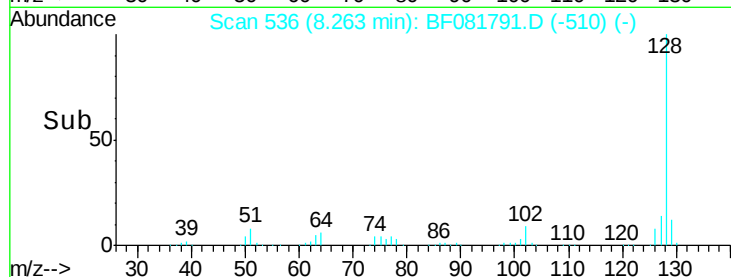
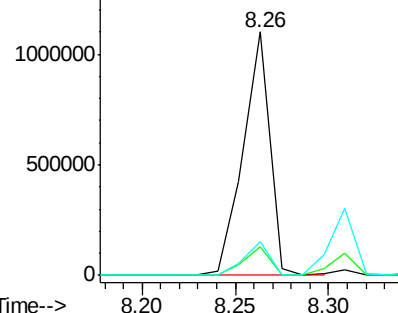
#31
Naphthalene
Concen: 40.77 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tot Ion:128 Resp: 1084100
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.9 9.9 14.9

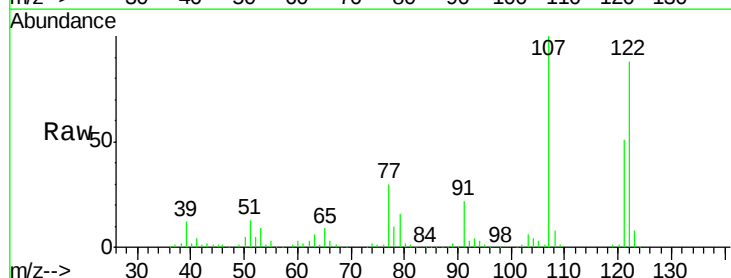


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

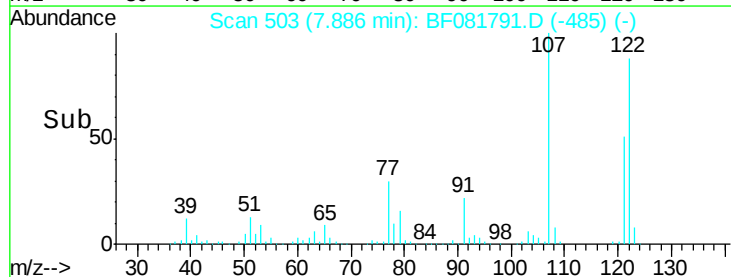
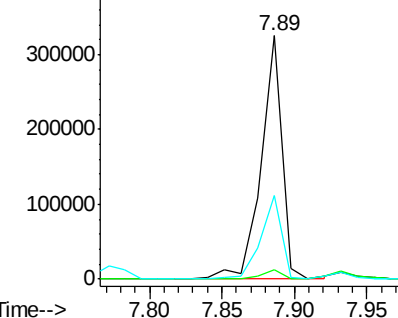


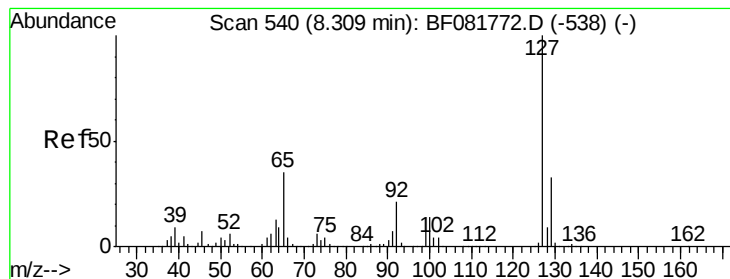
#32
Benzoic acid
Concen: 190.53 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.09 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:122 Resp: 325588
Ion Ratio Lower Upper
122 100
105 3.8 76.1 116.1#
77 34.6 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 23.90 ng

RT: 8.31 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

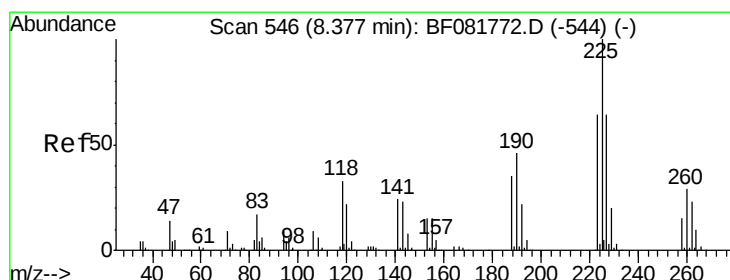
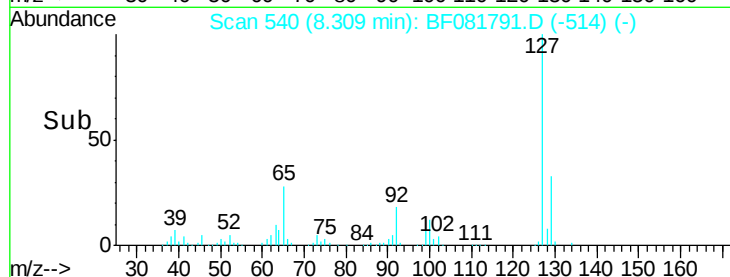
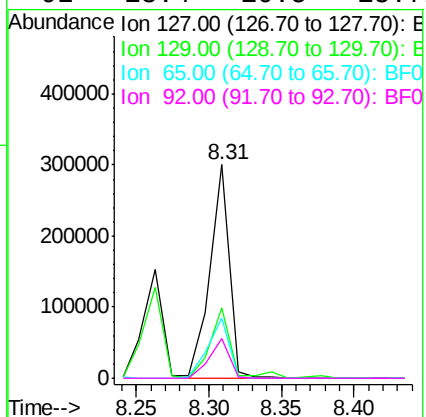
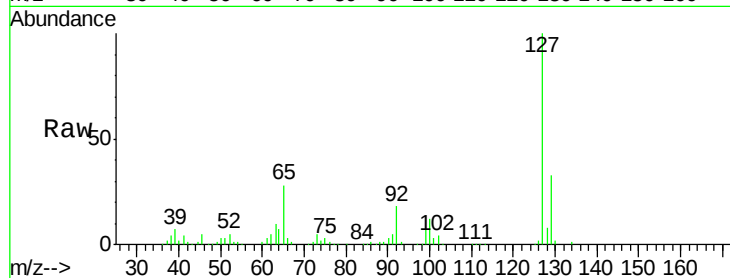
Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tot Ion:	127	Resp:	278898
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	28.4	17.9	26.9#
92	18.4	10.5	15.7#



#34

Hexachlorobutadiene

Concen: 40.43 ng

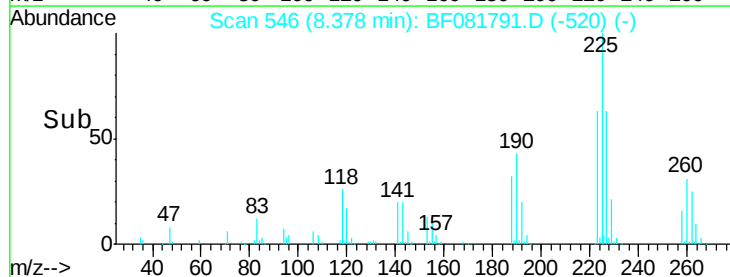
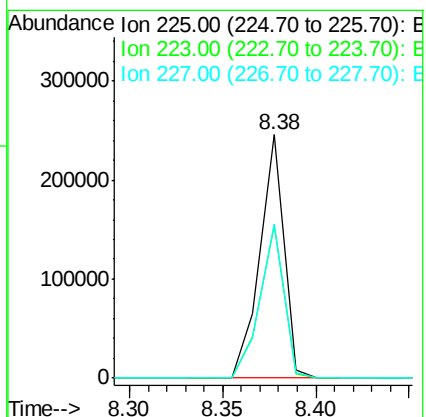
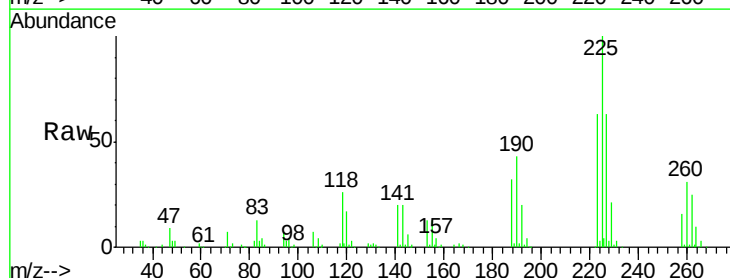
RT: 8.38 min Scan# 546

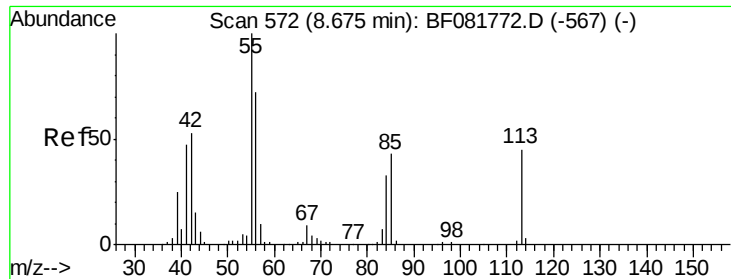
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion:	225	Resp:	218670
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.4	52.2	78.2

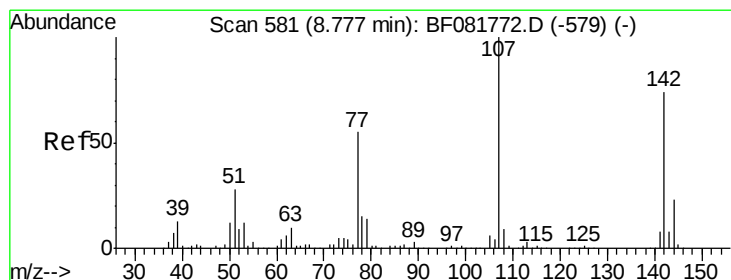
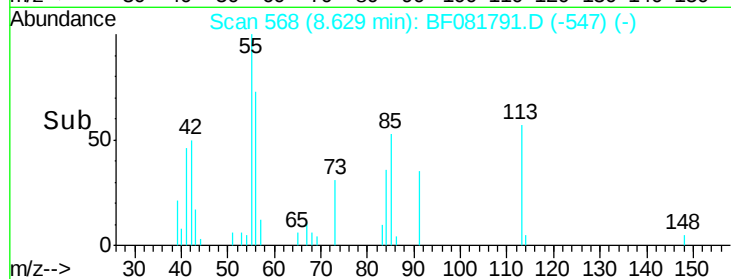
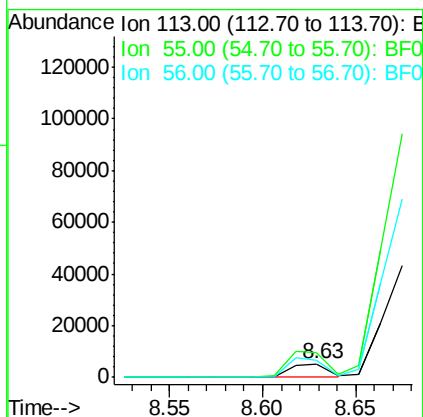
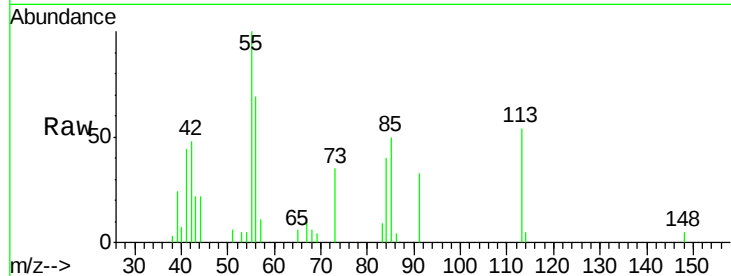




#35
 Caprolactam
 Concen: 3.34 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.06 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

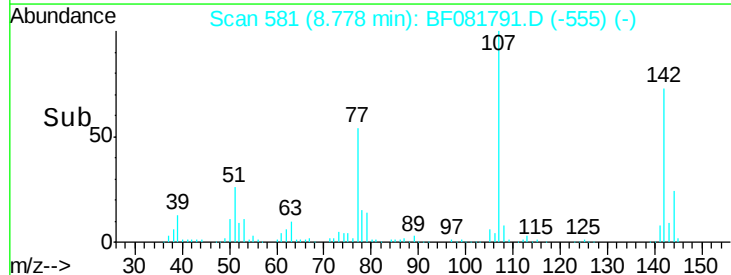
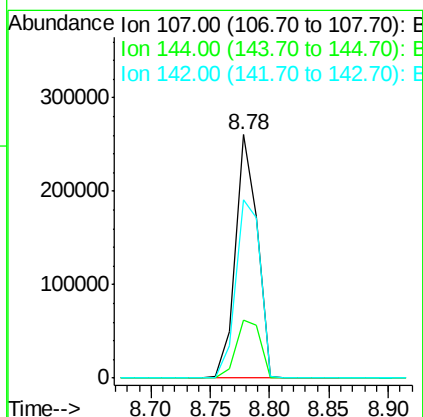
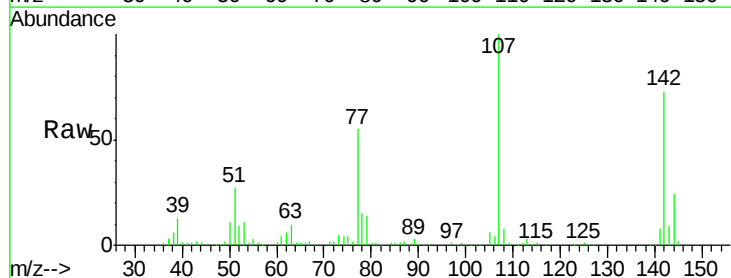
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

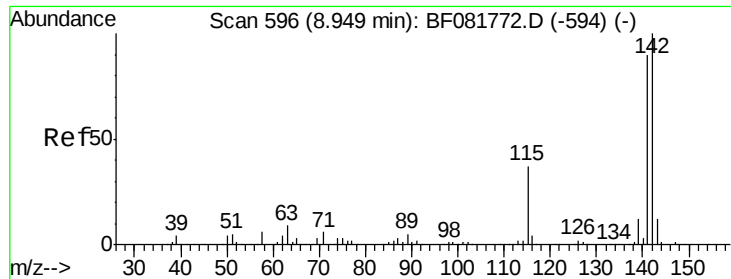
Tot Ion:113 Resp: 7281
 Ion Ratio Lower Upper
 113 100
 55 184.7 152.4 192.4
 56 128.2 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.81 ng
 RT: 8.78 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:107 Resp: 334169
 Ion Ratio Lower Upper
 107 100
 144 23.9 25.4 38.0#
 142 73.5 77.3 115.9#

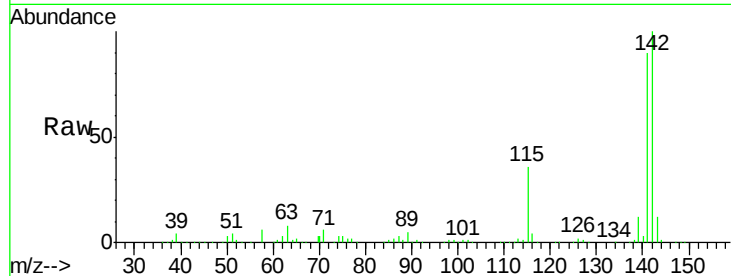




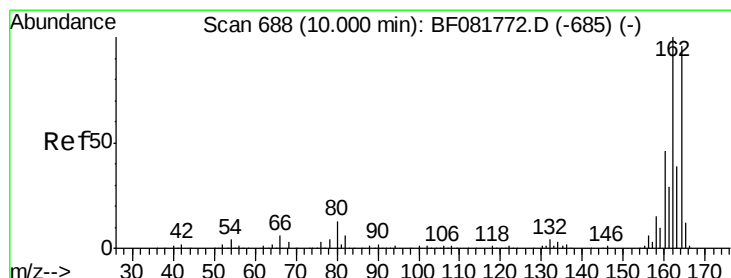
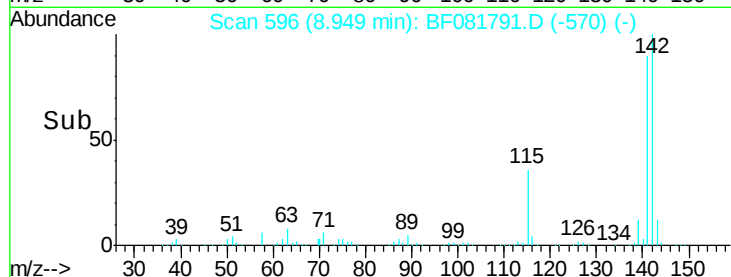
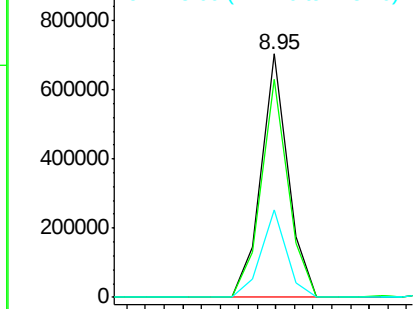
#37
 2-Methylnaphthalene
 Concen: 37.17 ng
 RT: 8.95 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tot Ion:142 Resp: 704344
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.5 101.3
 115 35.8 18.2 27.2#

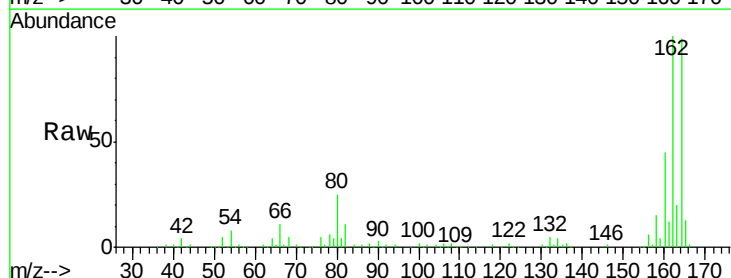


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

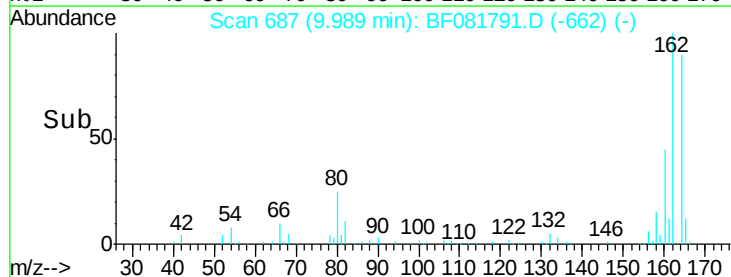
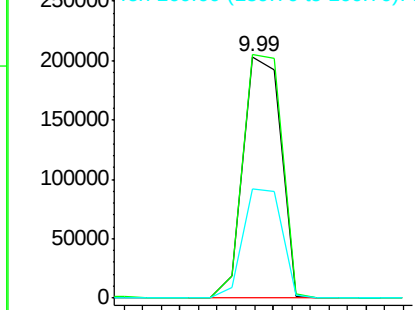


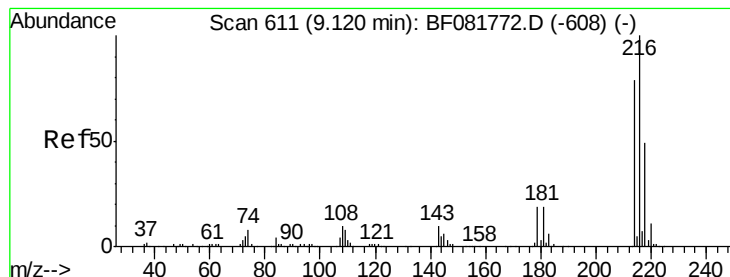
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:164 Resp: 284408
 Ion Ratio Lower Upper
 164 100
 162 100.9 75.2 112.8
 160 45.2 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.84 ng

RT: 9.12 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tot Ion:216 Resp: 361617

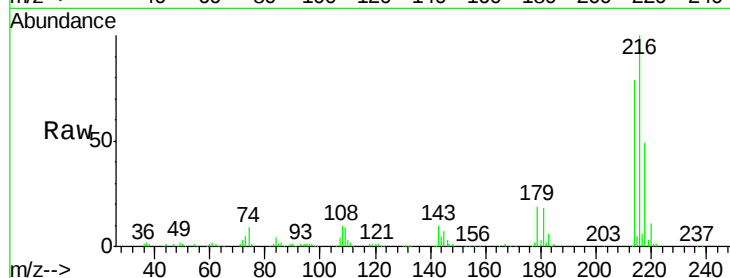
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.6 16.6 24.8

108 18.3 16.3 24.5

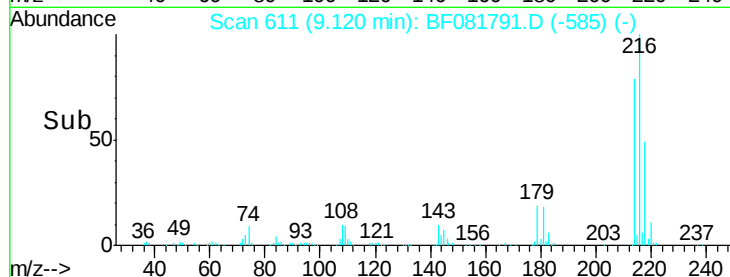


Abundance Ion 216.00 (215.70 to 216.70): E

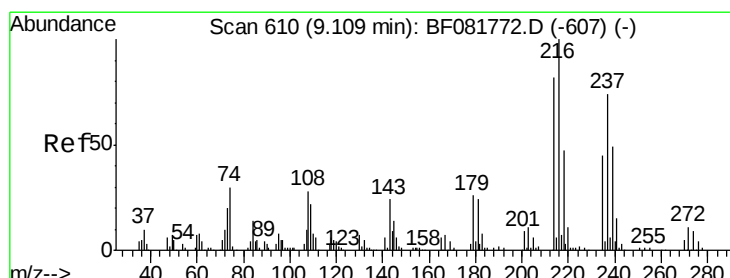
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 86.86 ng

RT: 9.11 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

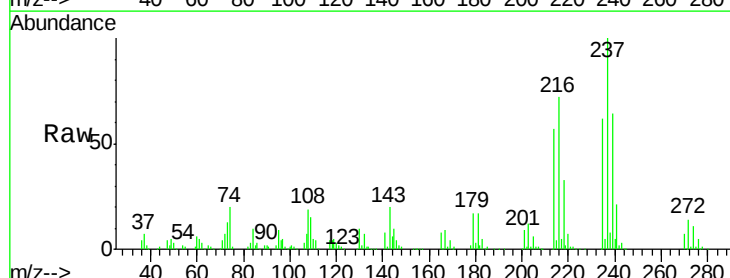
Tgt Ion:237 Resp: 337905

Ion Ratio Lower Upper

237 100

235 61.9 42.0 82.0

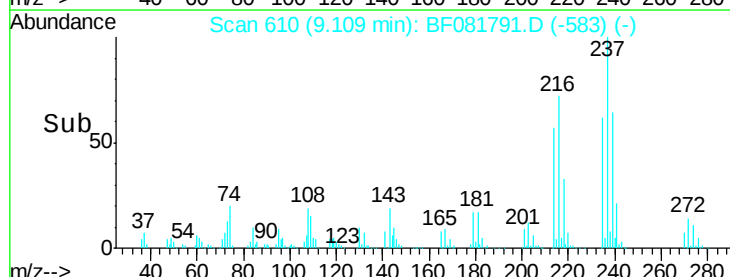
272 14.1 0.0 36.1



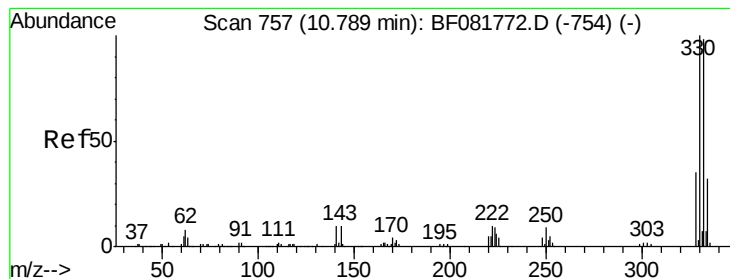
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



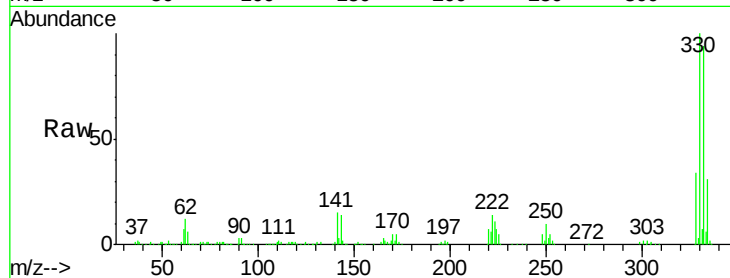
Time-->



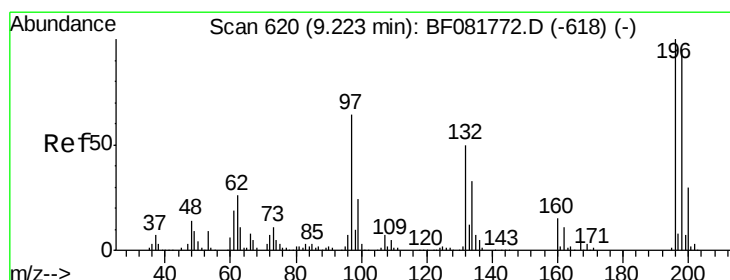
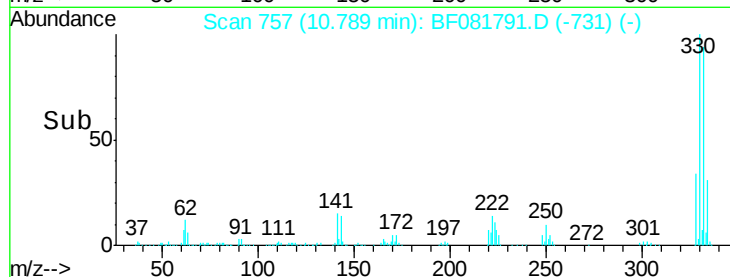
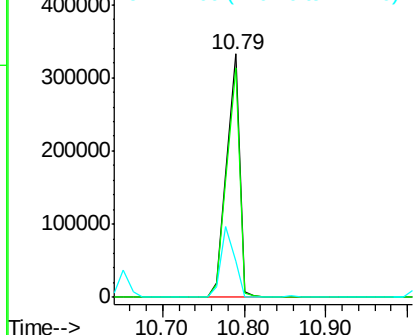
#41
 2,4,6-Tribromophenol
 Concen: 147.66 ng
 RT: 10.79 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	30.9	29.7	44.5

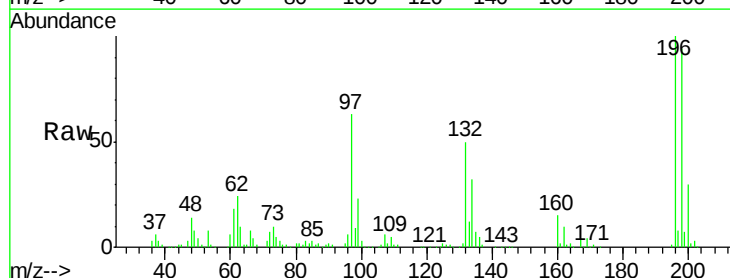


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

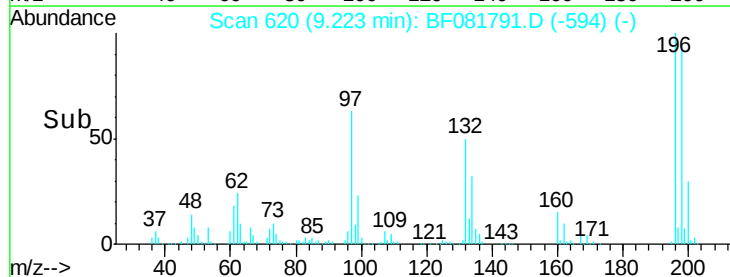
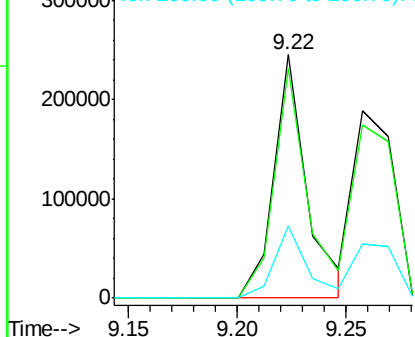


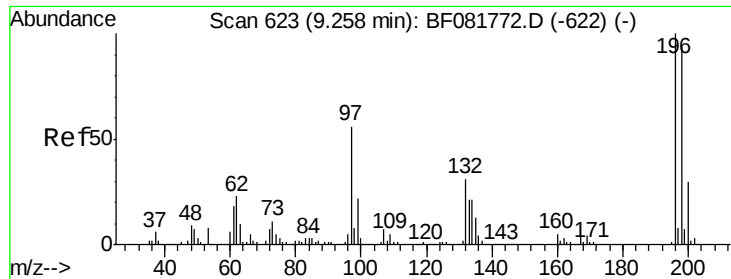
#42
 2,4,6-Trichlorophenol
 Concen: 43.85 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
200	29.7	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

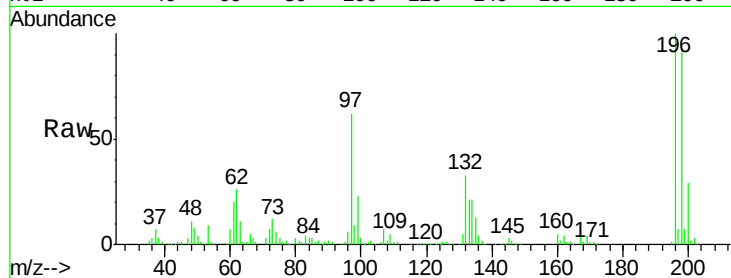




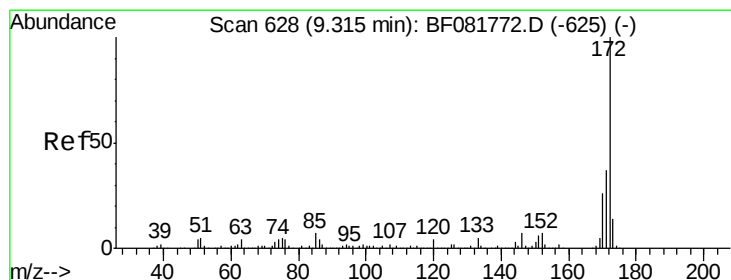
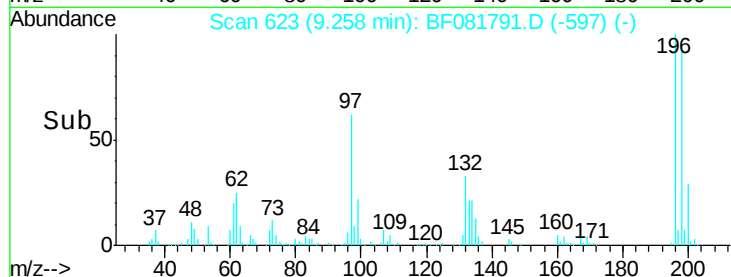
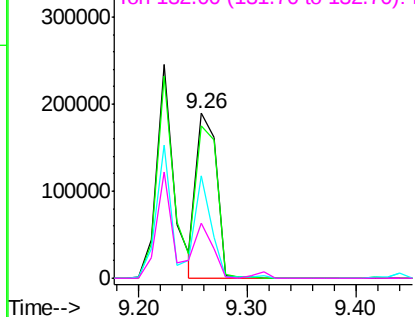
#43
 2,4,5-Trichlorophenol
 Concen: 41.91 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.4	113.0
97	62.4	33.3	49.9
132	33.4	24.6	37.0

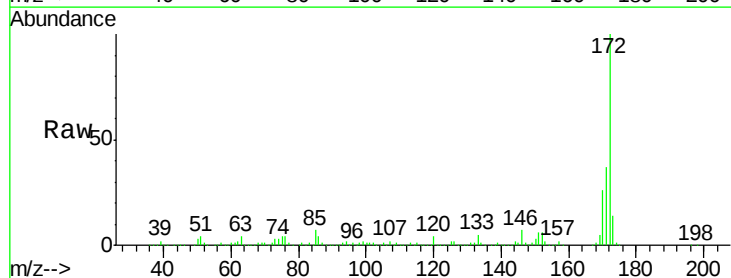


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

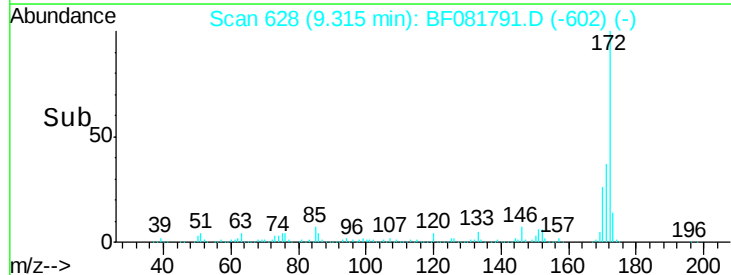
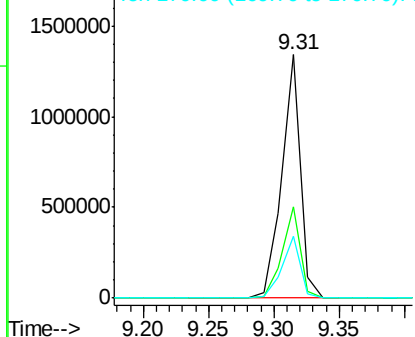


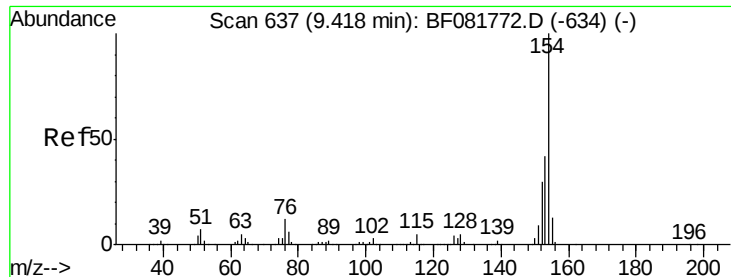
#44
 2-Fluorobiphenyl
 Concen: 77.46 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	26.1	39.1
170	25.6	17.4	26.2



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





#45

1,1'-Biphenyl

Concen: 43.02 ng

RT: 9.42 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

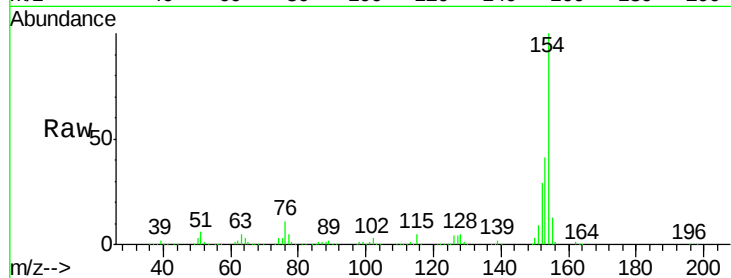
Tot Ion:154 Resp: 956725

Ion Ratio Lower Upper

154 100

153 41.5 17.1 57.1

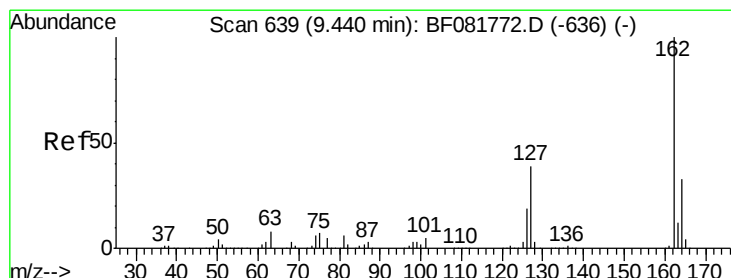
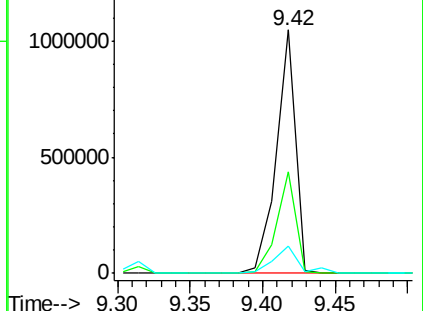
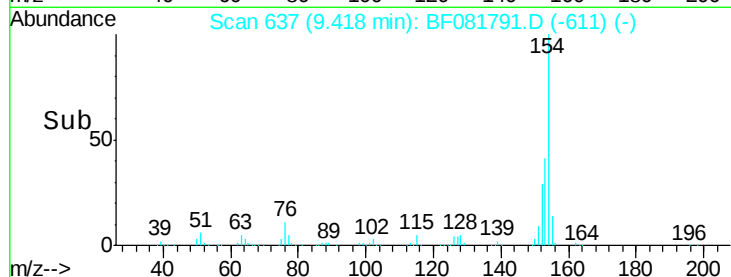
76 11.1 0.0 31.6



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: 39.50 ng

RT: 9.44 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

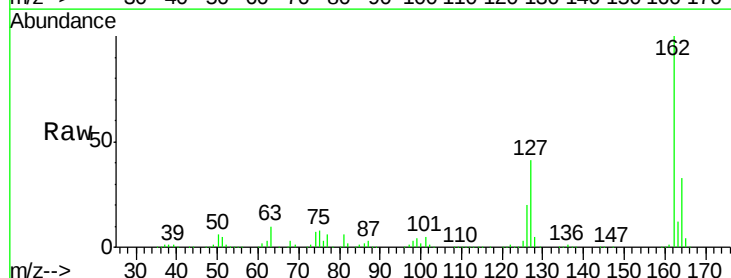
Tgt Ion:162 Resp: 706657

Ion Ratio Lower Upper

162 100

127 40.7 27.6 41.4

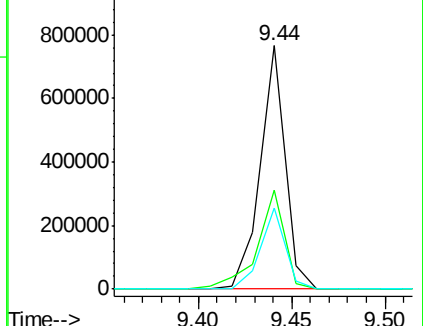
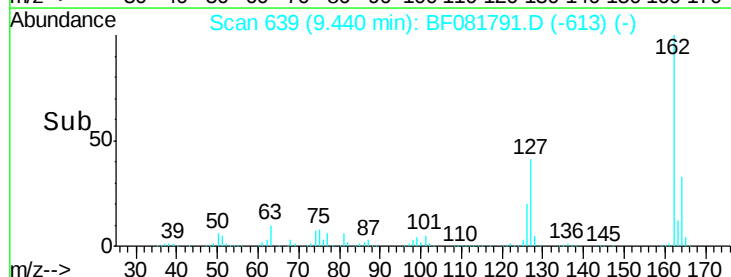
164 33.2 25.4 38.2

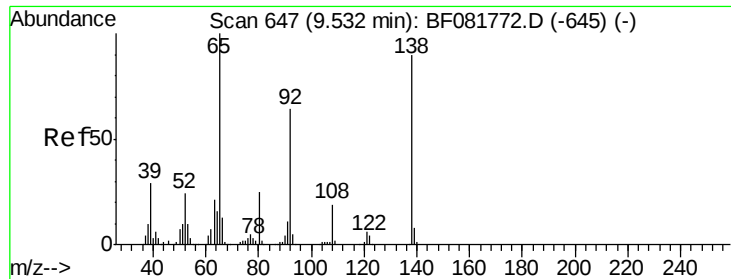


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

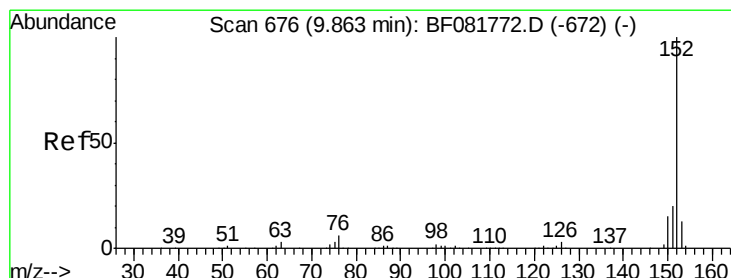
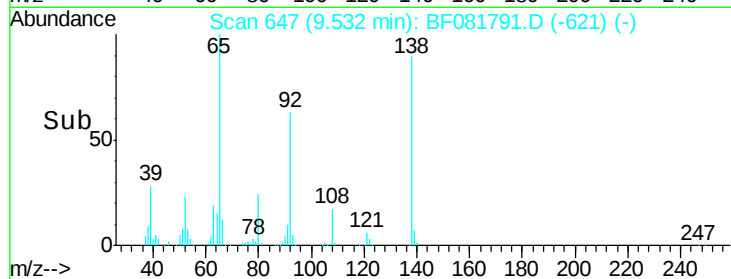
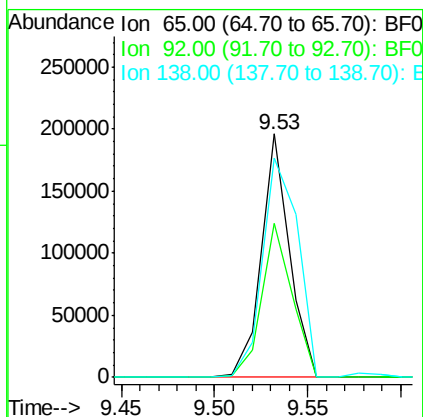
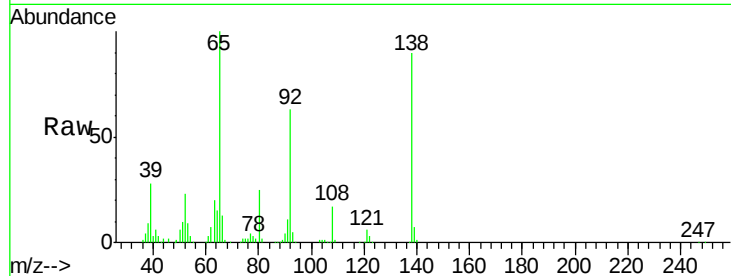




#47
2-Nitroaniline
Concen: 42.81 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

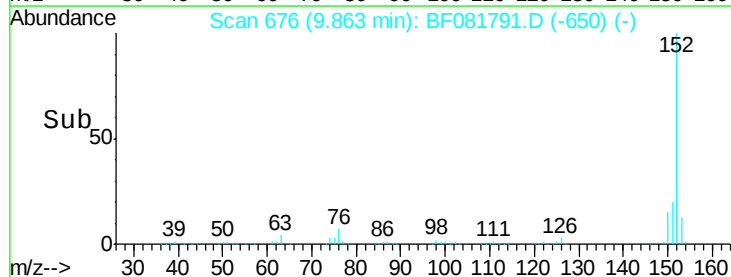
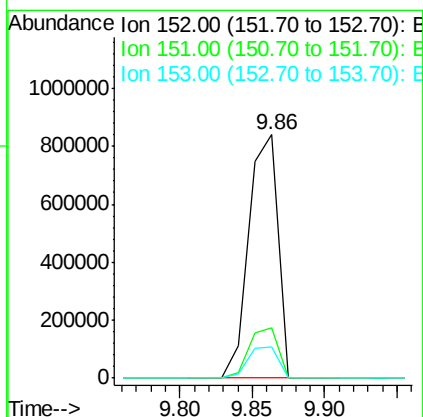
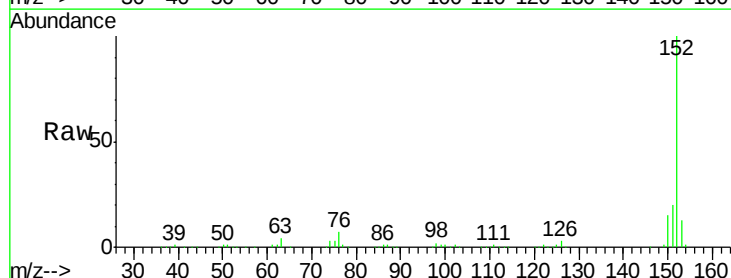
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

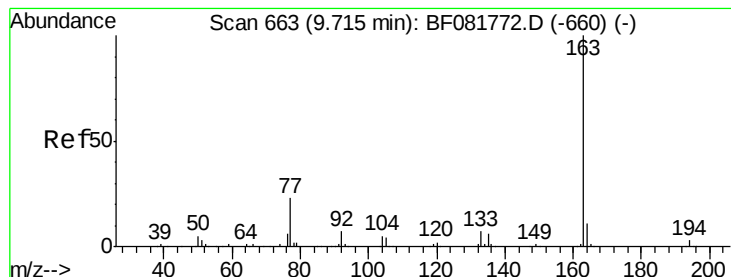
Tot Ion: 65 Resp: 203691
Ion Ratio Lower Upper
65 100
92 63.2 55.4 83.0
138 90.0 115.5 173.3#



#48
Acenaphthylene
Concen: 38.68 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion: 152 Resp: 1171082
Ion Ratio Lower Upper
152 100
151 20.5 14.6 22.0
153 13.0 10.3 15.5





#49

Dimethylphthalate

Concen: 52.52 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

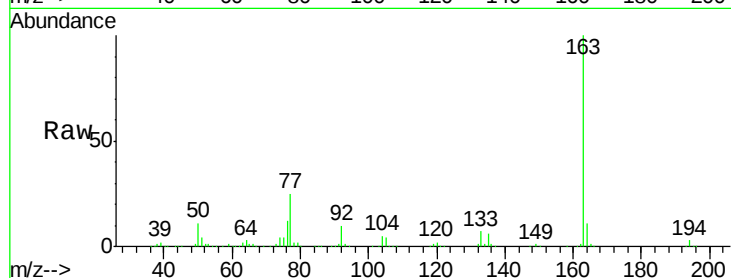
Tot Ion:163 Resp: 1136560

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

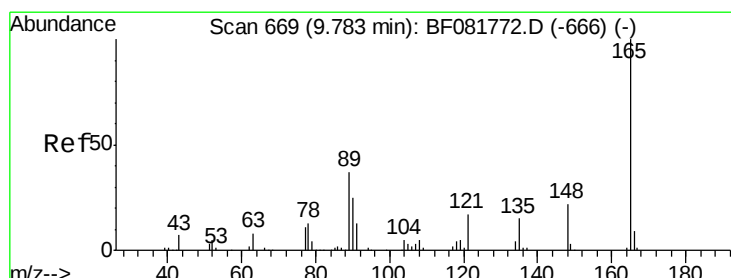
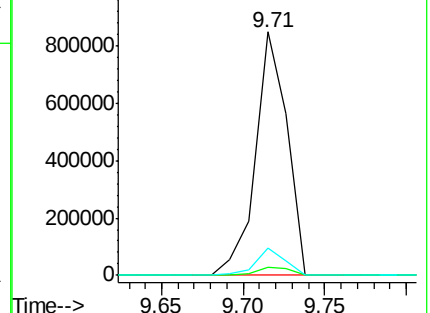
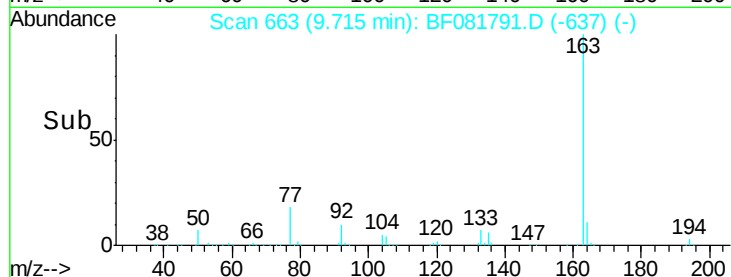
164 11.0 8.3 12.5



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: 50.16 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

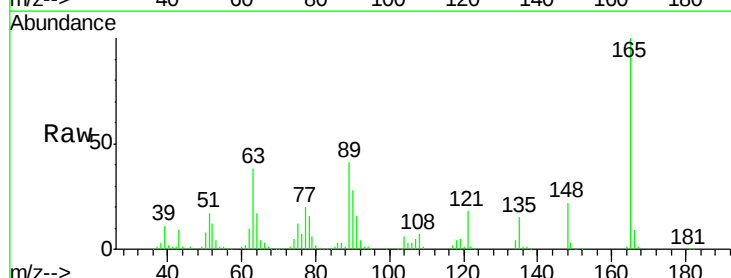
Tgt Ion:165 Resp: 209549

Ion Ratio Lower Upper

165 100

63 38.3 32.3 48.5

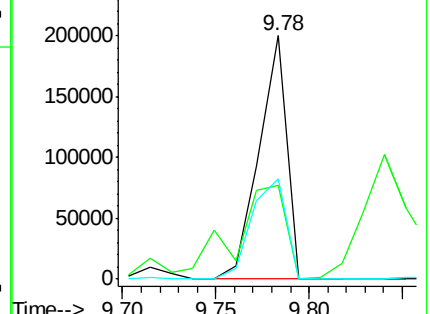
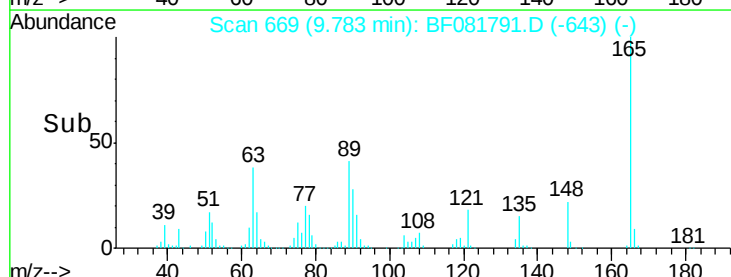
89 41.3 28.6 43.0

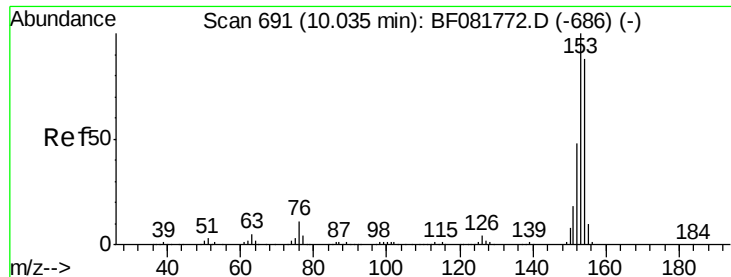


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.46 ng

RT: 10.03 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

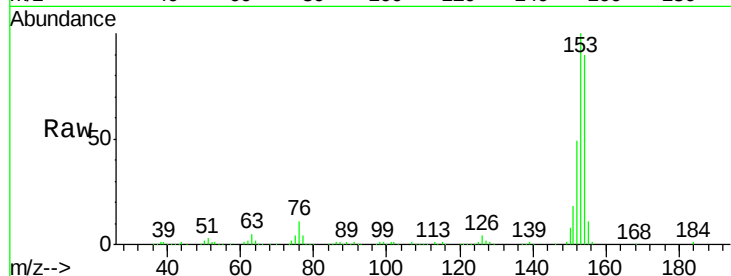
Tot Ion:154 Resp: 705894

Ion Ratio Lower Upper

154 100

153 110.6 82.1 123.1

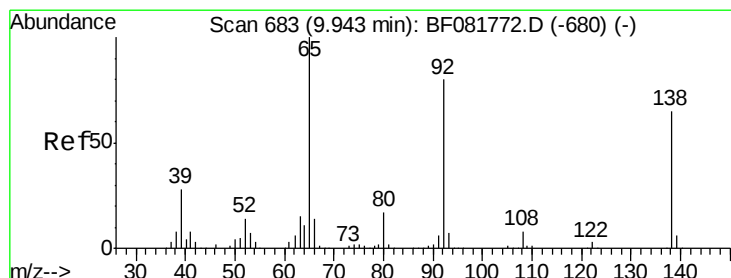
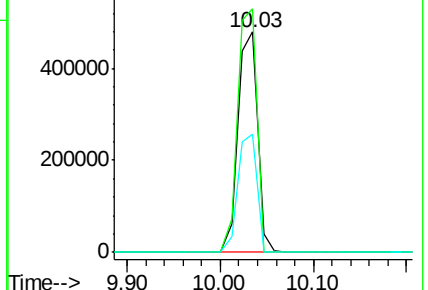
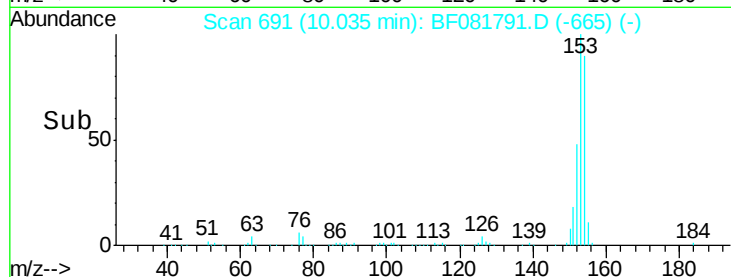
152 53.8 37.9 56.9



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: 31.04 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

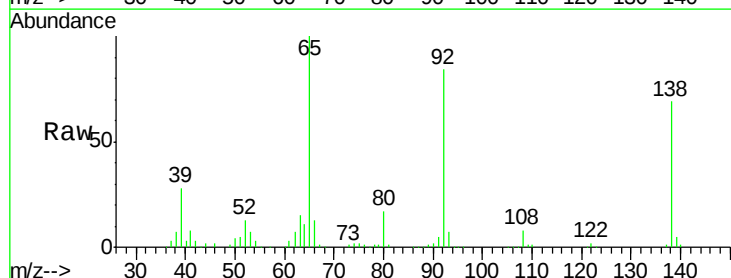
Tgt Ion:138 Resp: 140629

Ion Ratio Lower Upper

138 100

108 11.1 5.7 8.5#

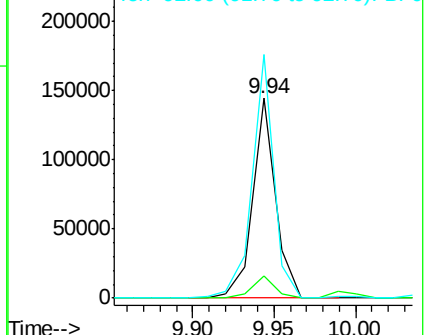
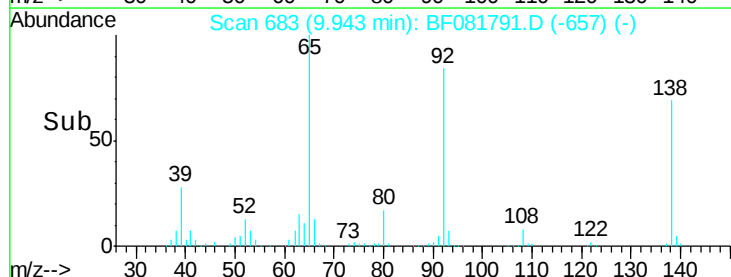
92 121.8 67.7 101.5#

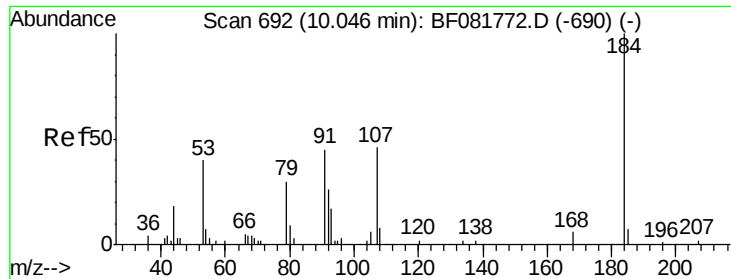


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

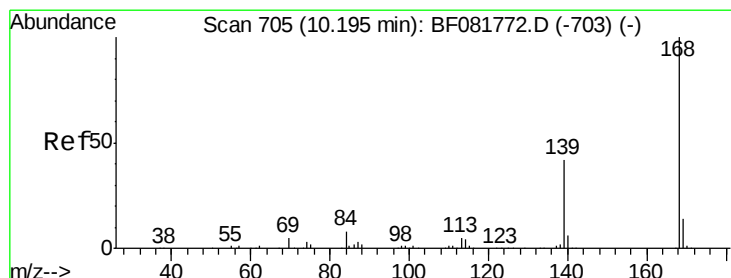
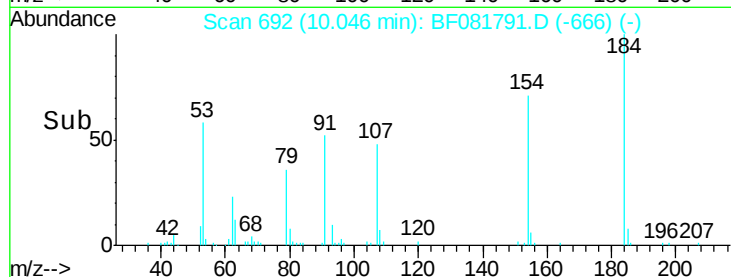
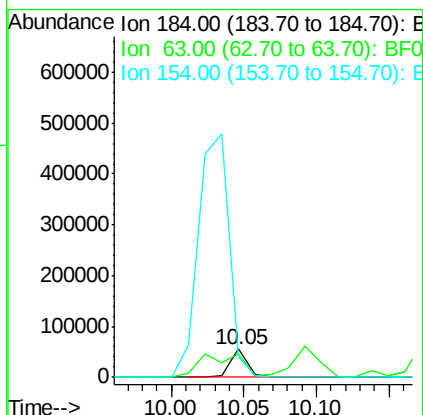
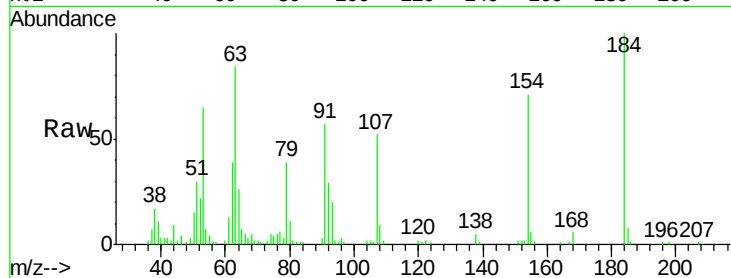




#53
 2,4-Dinitrophenol
 Concen: 68.37 ng
 RT: 10.05 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

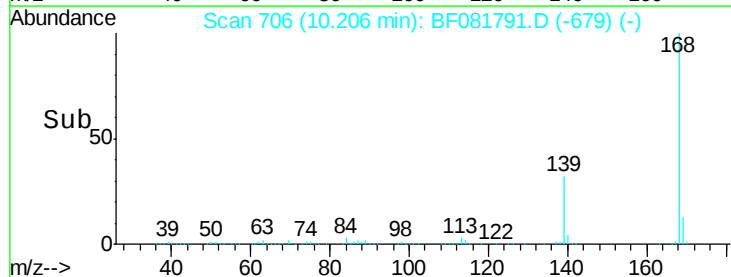
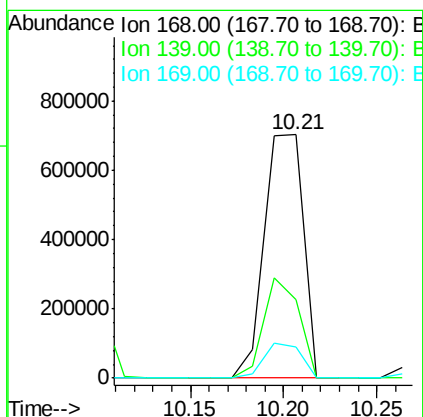
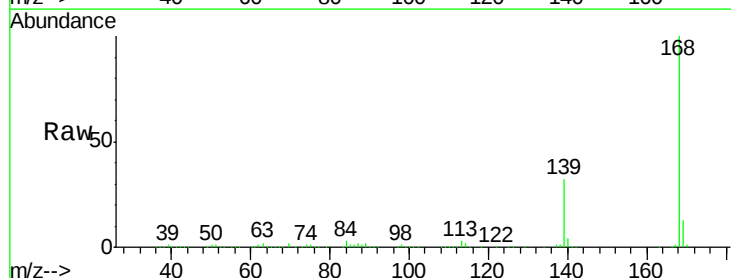
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

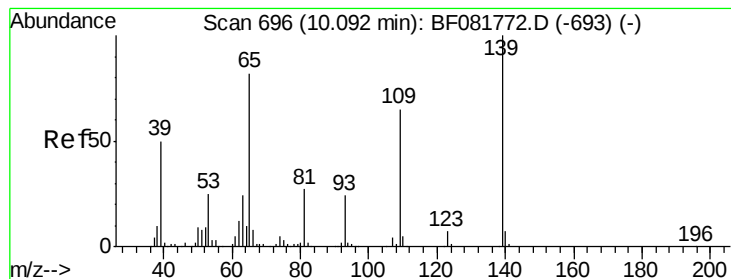
Tot Ion:184 Resp: 46217
 Ion Ratio Lower Upper
 184 100
 63 83.8 35.4 53.2#
 154 71.4 32.2 48.4#



#54
 Dibenzofuran
 Concen: 39.80 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:168 Resp: 1018529
 Ion Ratio Lower Upper
 168 100
 139 32.0 24.2 36.2
 169 12.9 10.6 15.8





#55

4-Nitrophenol

Concen: 95.10 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

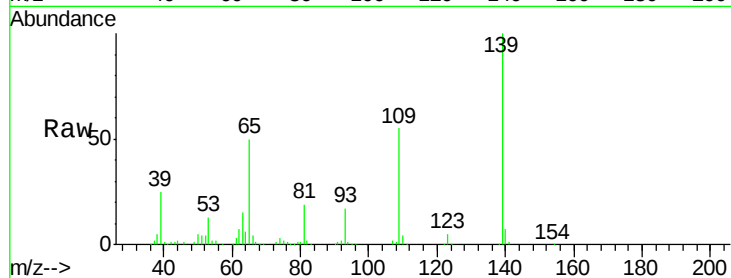
Tot Ion:139 Resp: 297133

Ion Ratio Lower Upper

139 100

109 54.6 12.7 52.7#

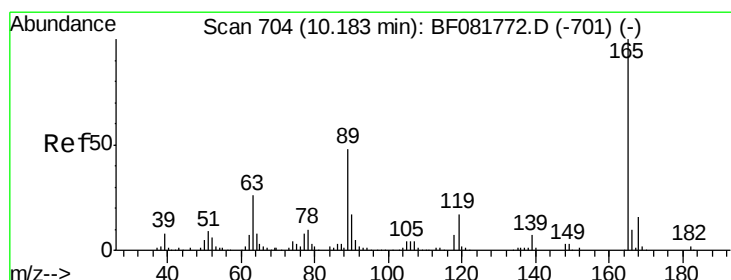
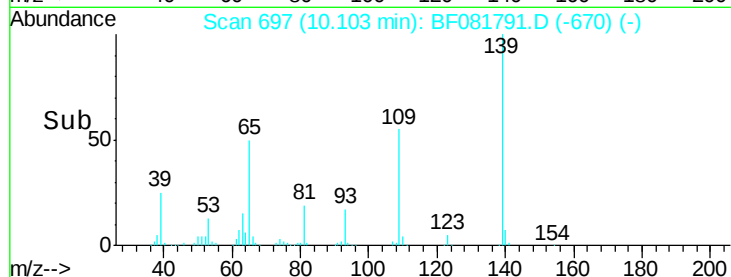
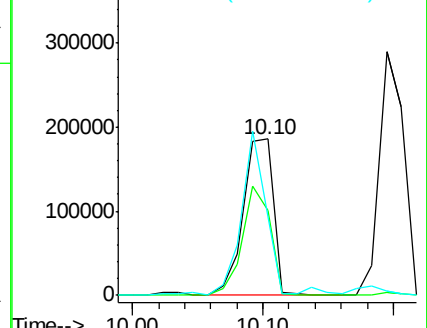
65 50.1 45.9 85.9



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: 54.40 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion:165 Resp: 272068

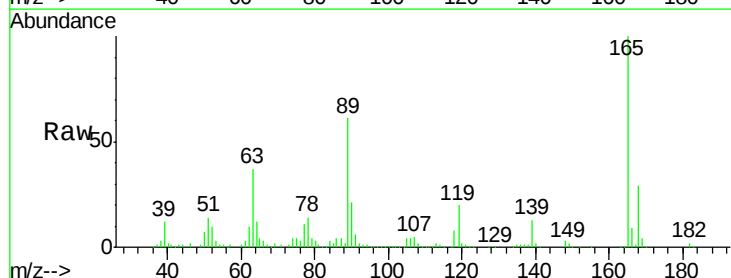
Ion Ratio Lower Upper

165 100

63 37.5 29.8 44.6

89 60.8 44.5 66.7

182 2.2 3.0 4.4#

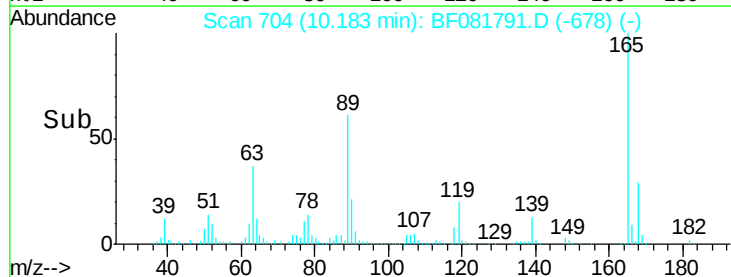
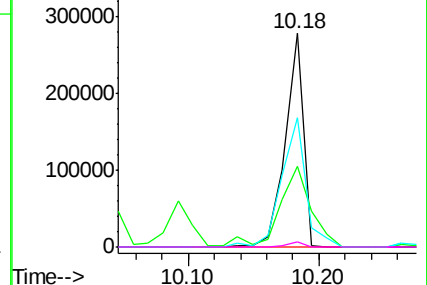


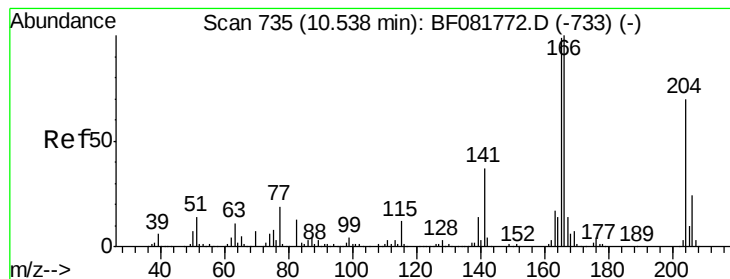
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.93 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

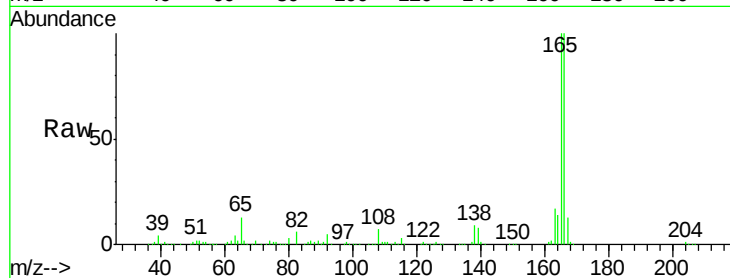
Tot Ion:166 Resp: 764496

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

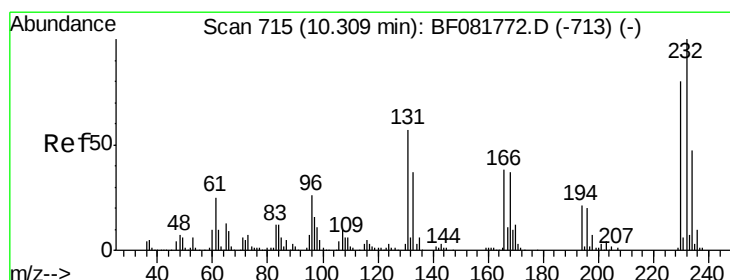
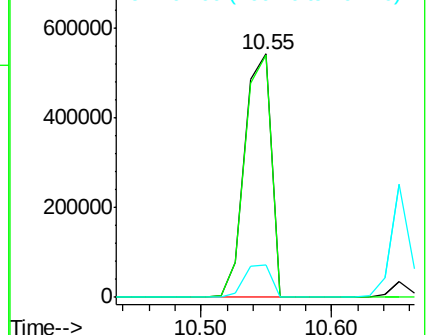
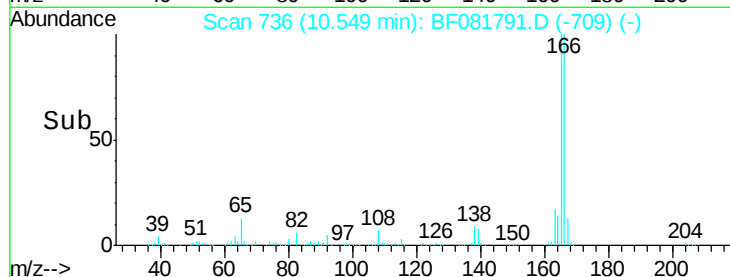
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.03 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion:232 Resp: 211260

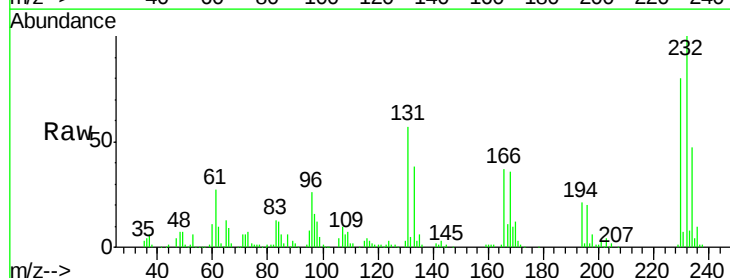
Ion Ratio Lower Upper

232 100

131 44.9 38.5 57.7

130 2.2 1.8 2.6

166 30.7 25.0 37.6

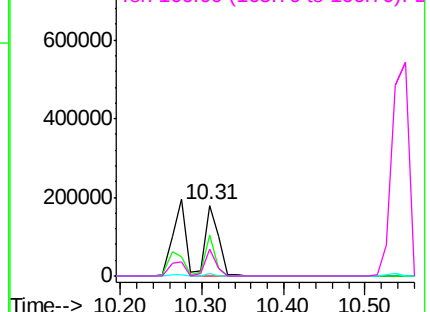
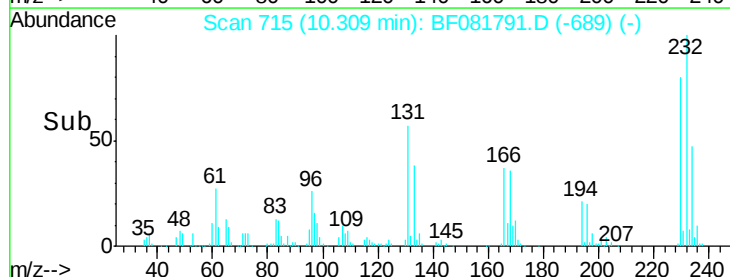


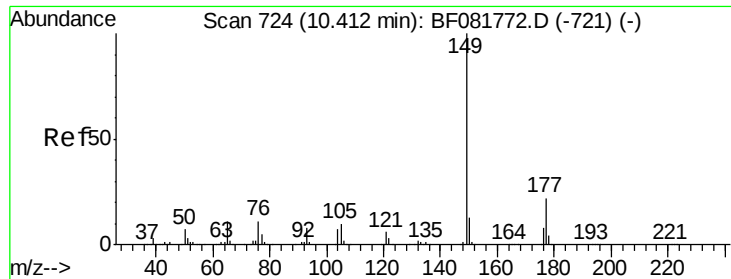
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

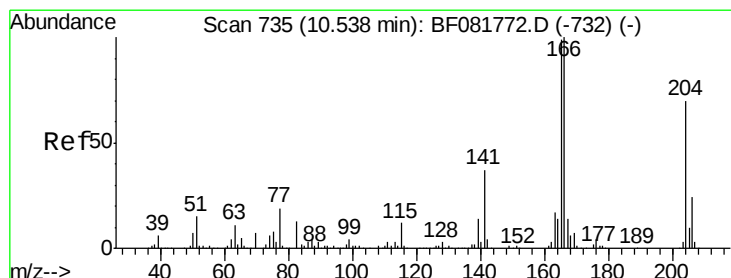
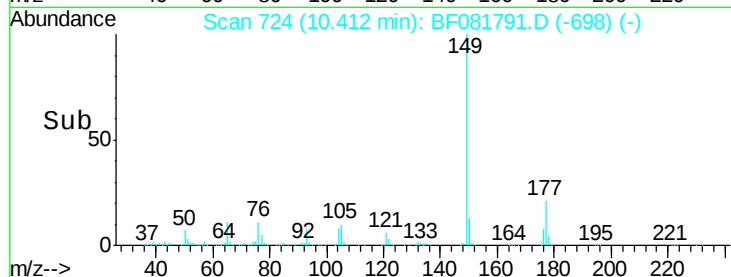
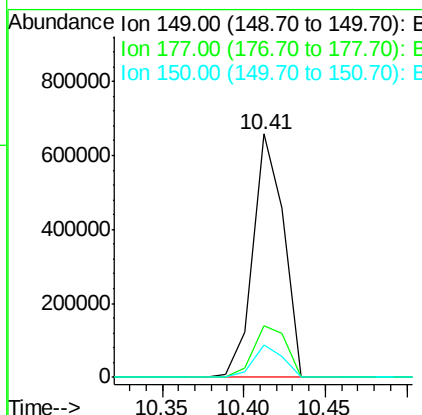
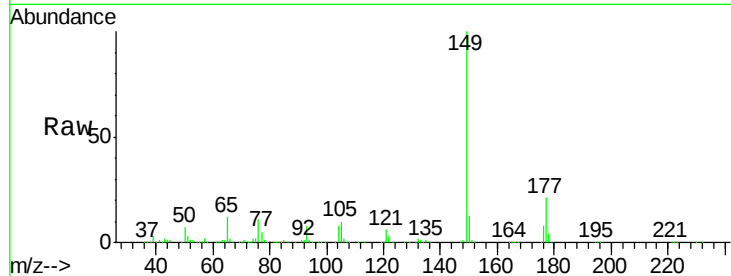




#59
Diethylphthalate
Concen: 40.88 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

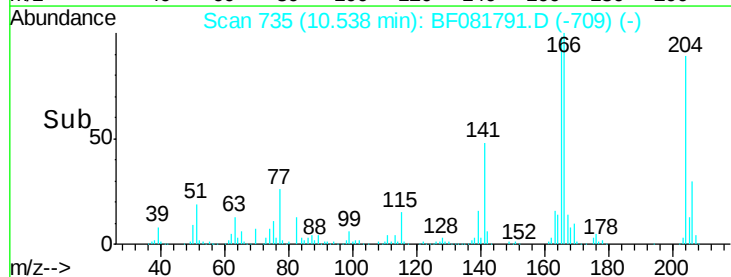
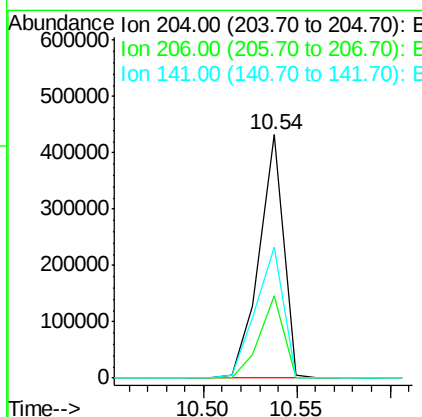
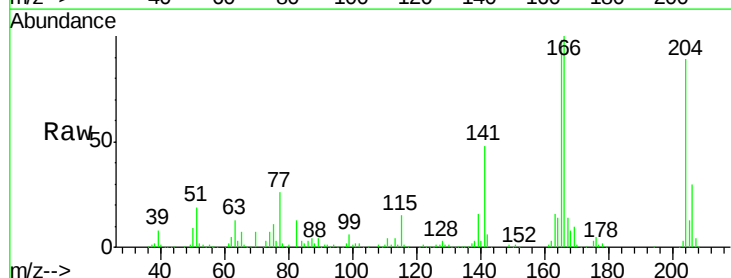
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

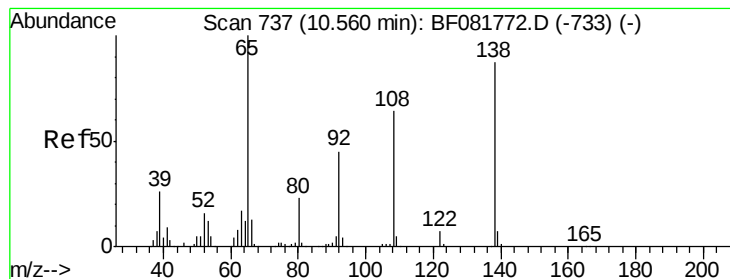
Tot Ion:149 Resp: 856823
Ion Ratio Lower Upper
149 100
177 21.1 17.5 26.3
150 13.2 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 43.35 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:204 Resp: 390841
Ion Ratio Lower Upper
204 100
206 34.0 24.8 37.2
141 53.6 42.2 63.4





#61

4-Nitroaniline

Concen: 38.81 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

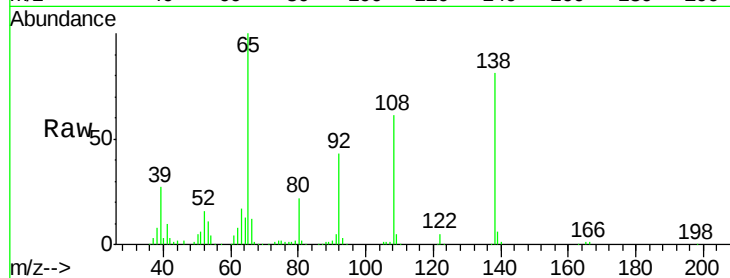
Tot Ion:138 Resp: 170799

Ion Ratio Lower Upper

138 100

92 52.6 12.6 52.6

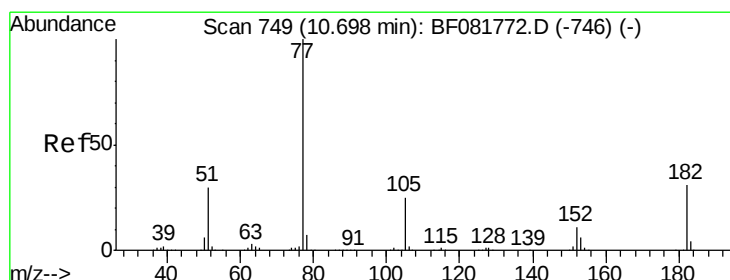
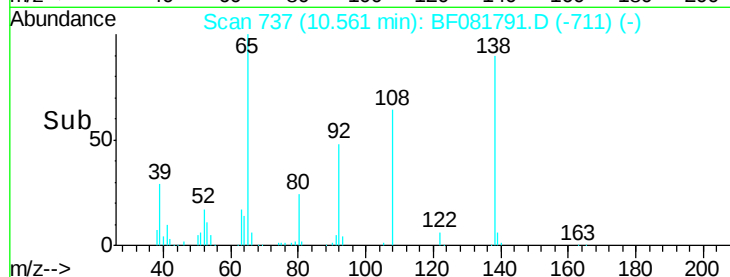
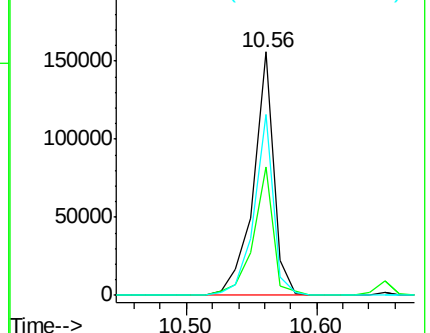
108 74.4 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.00 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion: 77 Resp: 921407

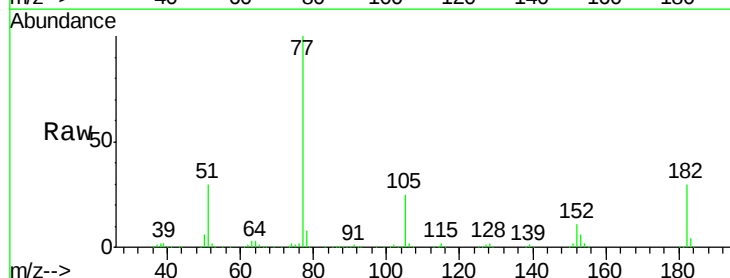
Ion Ratio Lower Upper

77 100

182 29.9 15.1 55.1

105 24.7 3.4 43.4

51 30.1 12.0 52.0

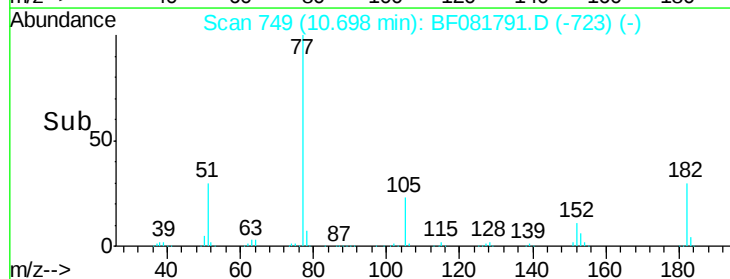
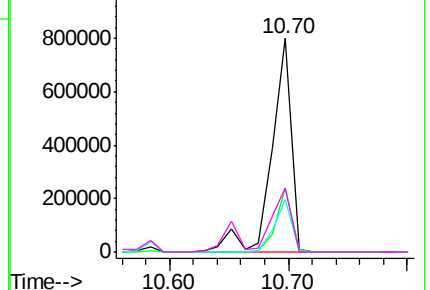


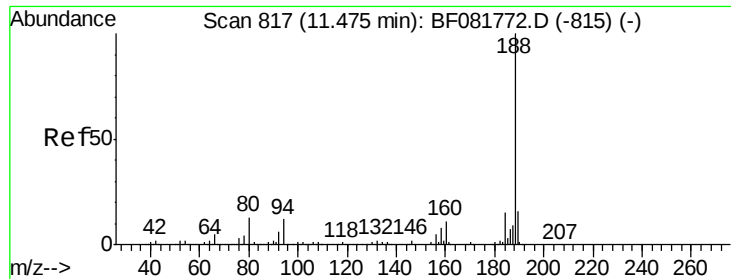
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

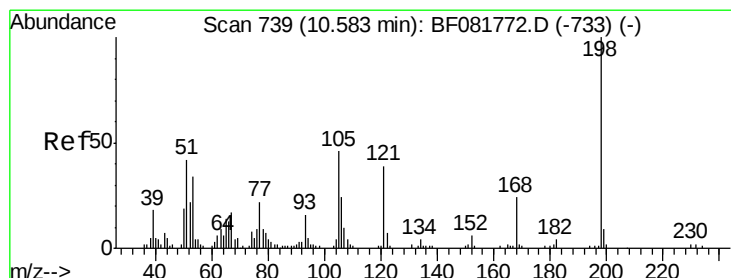
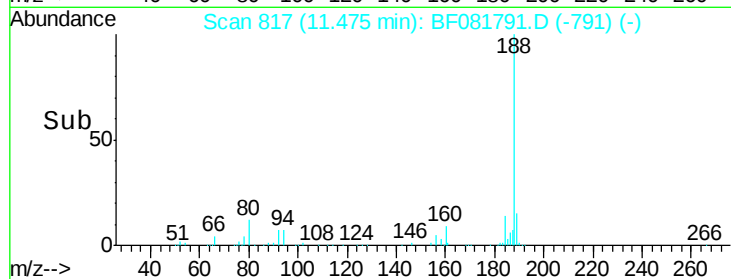
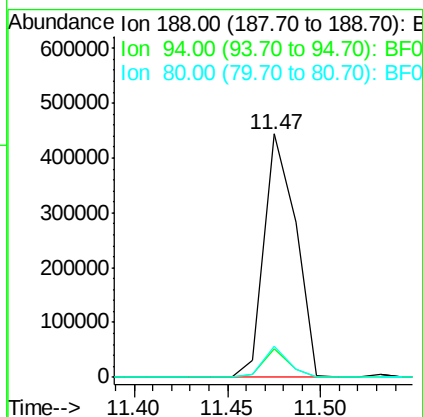
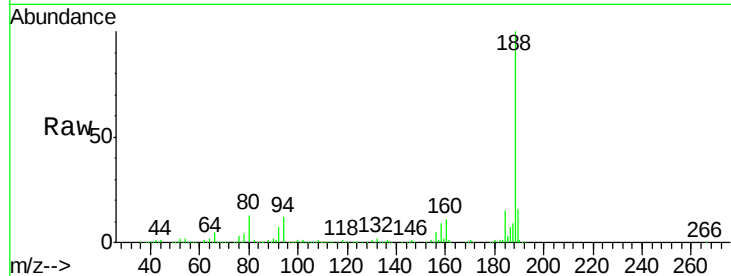




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

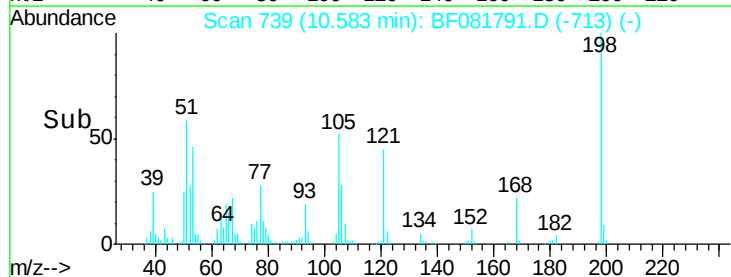
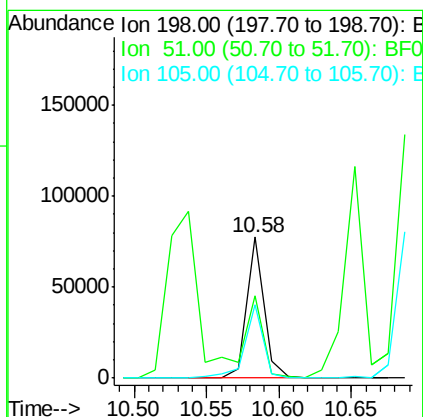
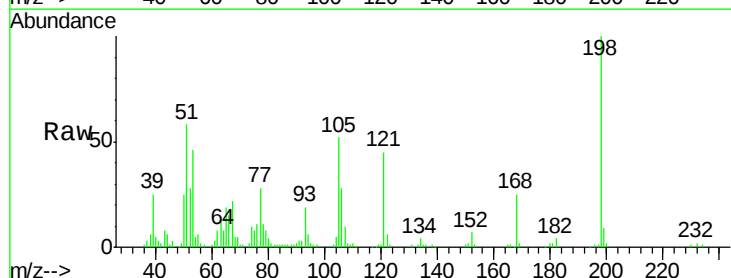
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

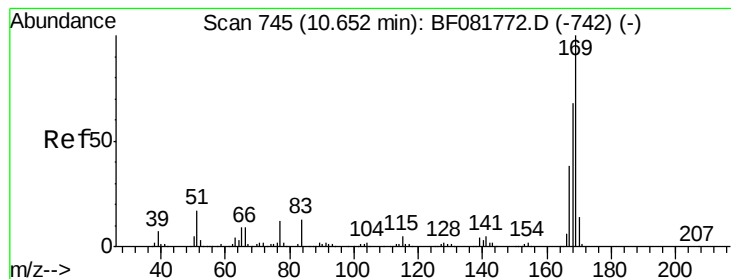
Tot Ion:188 Resp: 522253
Ion Ratio Lower Upper
188 100
94 11.8 11.1 16.7
80 12.9 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 52.41 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:198 Resp: 64582
Ion Ratio Lower Upper
198 100
51 58.5 39.6 79.6
105 51.8 28.5 68.5

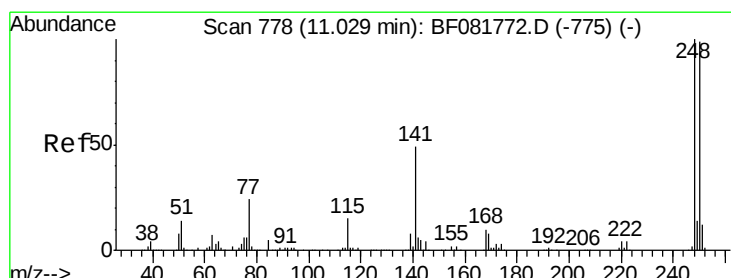
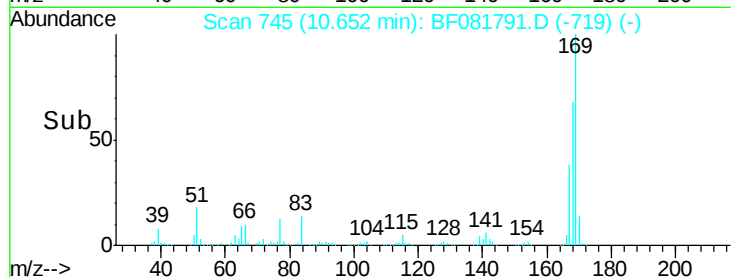
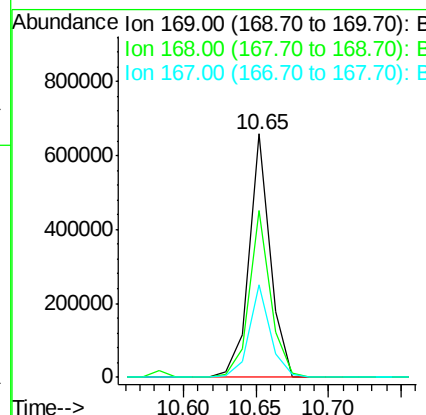
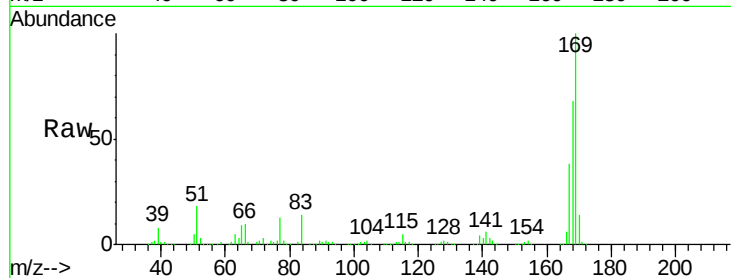




#65
 n-Nitrosodiphenylamine
 Concen: 37.76 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

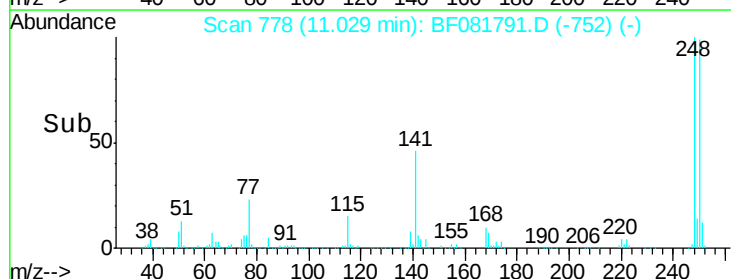
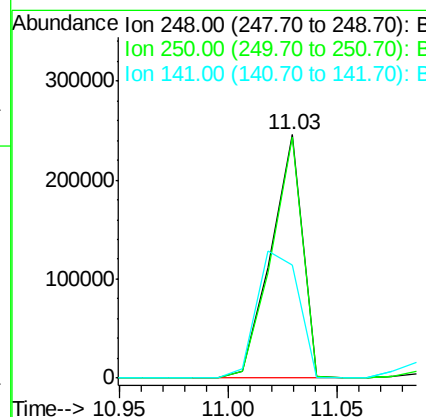
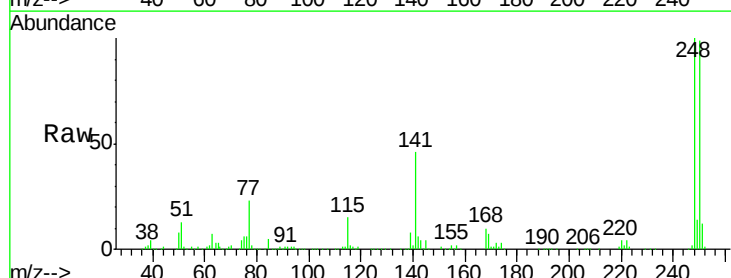
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

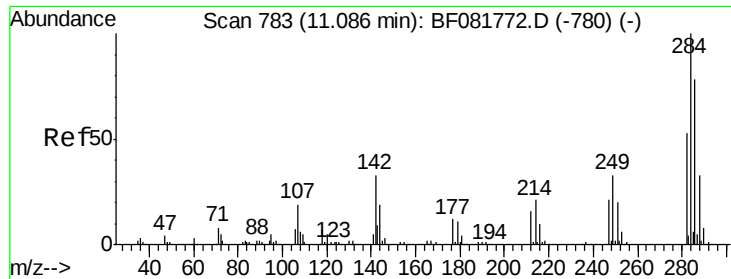
Tot Ion:169 Resp: 665010
 Ion Ratio Lower Upper
 169 100
 168 68.3 48.9 73.3
 167 38.3 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 43.20 ng
 RT: 11.03 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:248 Resp: 251236
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.5 117.7
 141 46.3 59.0 88.6#

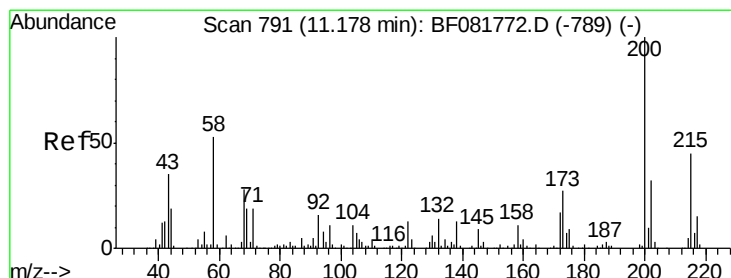
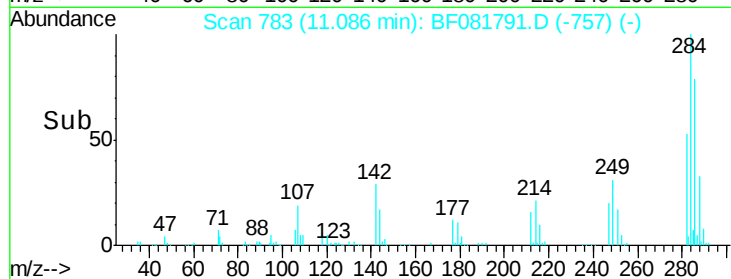
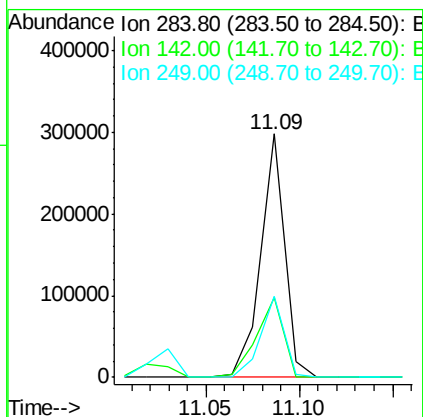
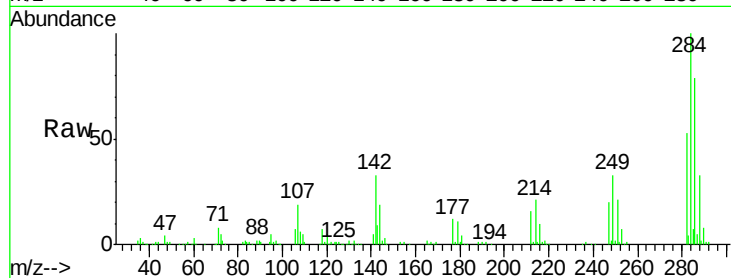




#67
Hexachlorobenzene
Concen: 43.24 ng
RT: 11.09 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

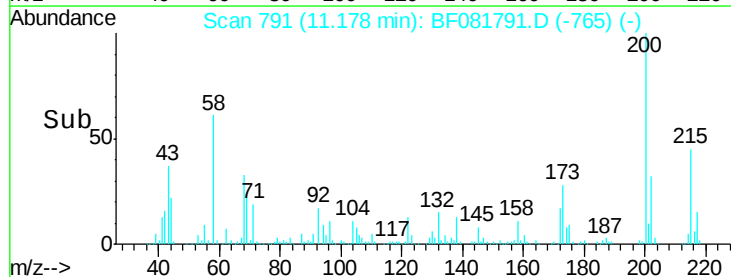
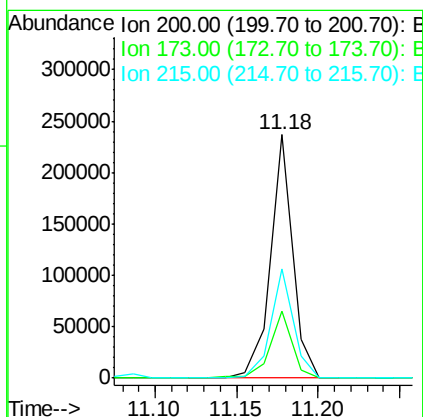
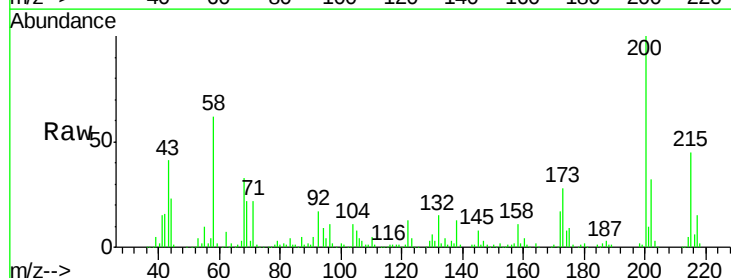
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

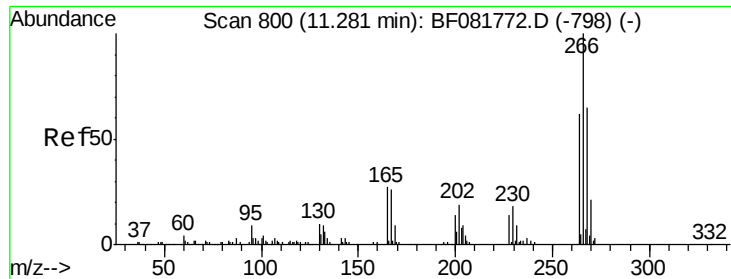
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.5	29.5	44.3
249	33.1	19.5	29.3



#68
Atrazine
Concen: 42.83 ng
RT: 11.18 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	13.2	53.2
215	44.7	41.8	81.8

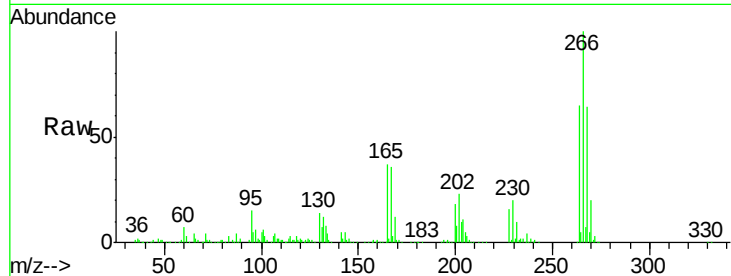




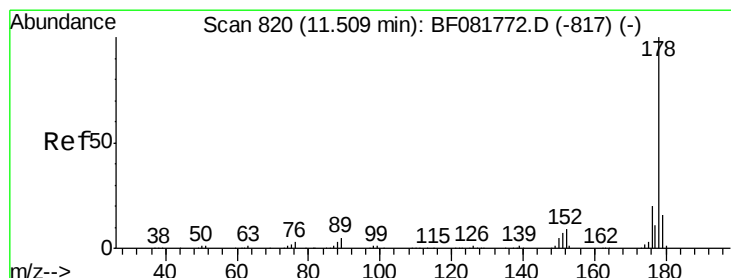
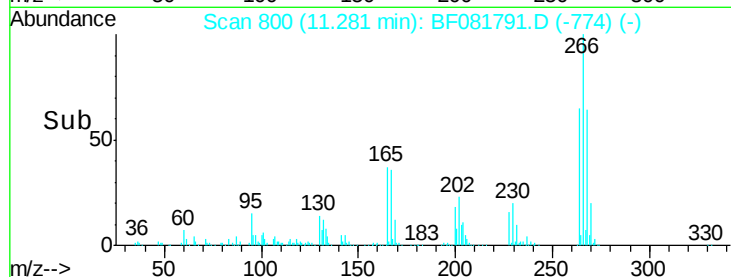
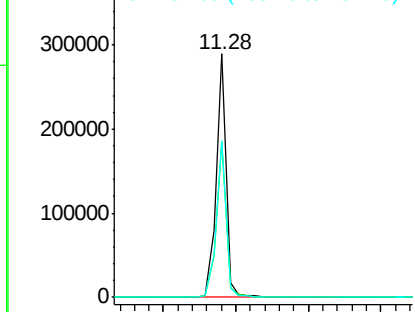
#69
 Pentachlorophenol
 Concen: 82.23 ng
 RT: 11.28 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tot Ion:266 Resp: 276373
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 64.5 50.2 75.2

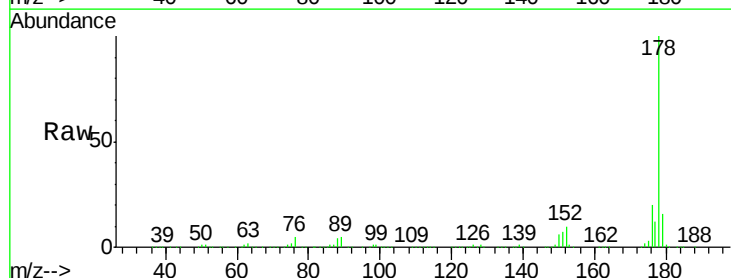


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

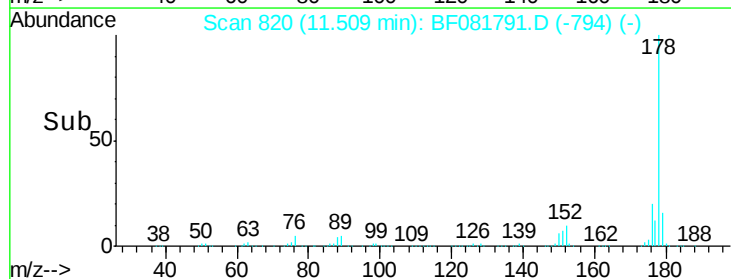
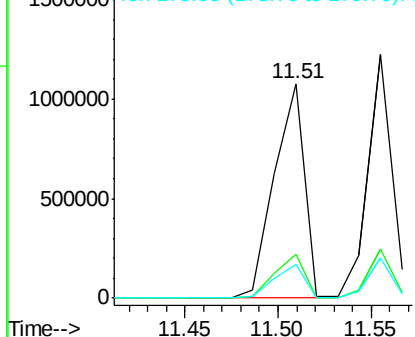


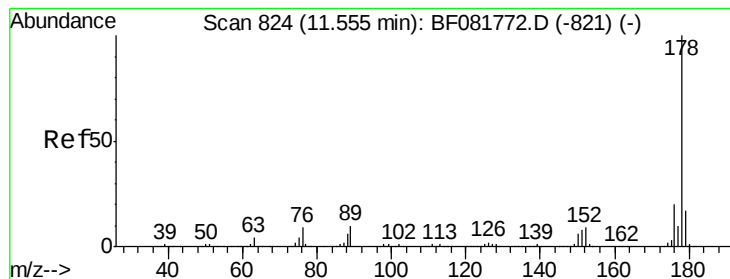
#70
 Phenanthrene
 Concen: 40.46 ng
 RT: 11.51 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:178 Resp: 1207968
 Ion Ratio Lower Upper
 178 100
 176 20.4 13.8 20.8
 179 15.7 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: 37.82 ng

RT: 11.55 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

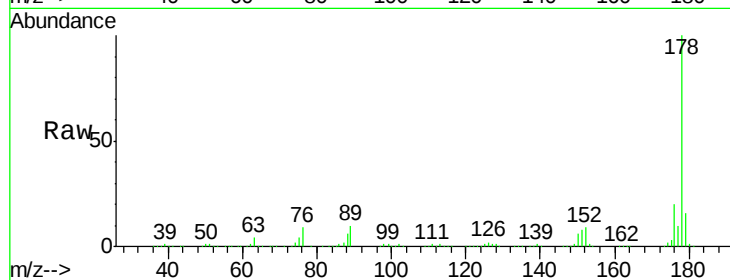
Tot Ion:178 Resp: 1088252

Ion Ratio Lower Upper

178 100

176 20.3 14.1 21.1

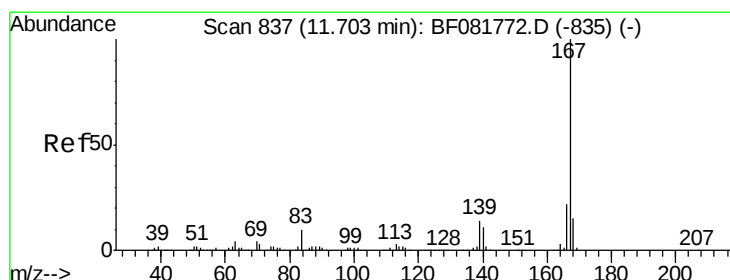
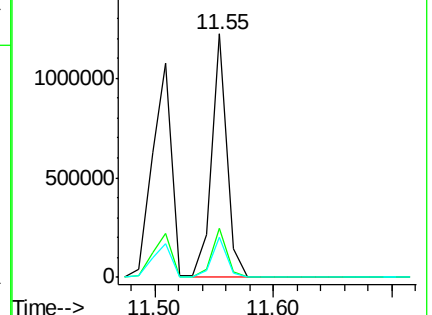
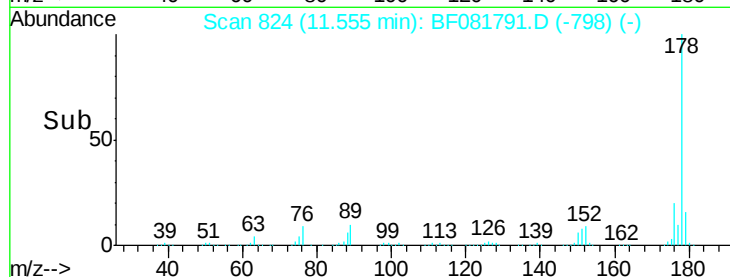
179 16.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.21 ng

RT: 11.72 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

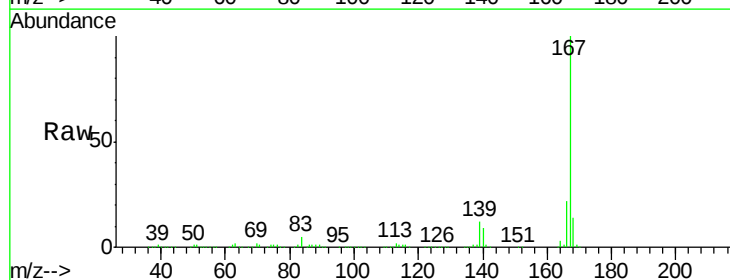
Tgt Ion:167 Resp: 1073945

Ion Ratio Lower Upper

167 100

166 22.4 15.7 23.5

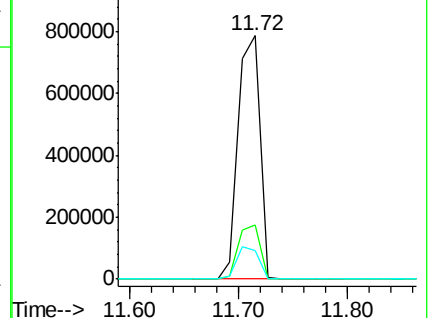
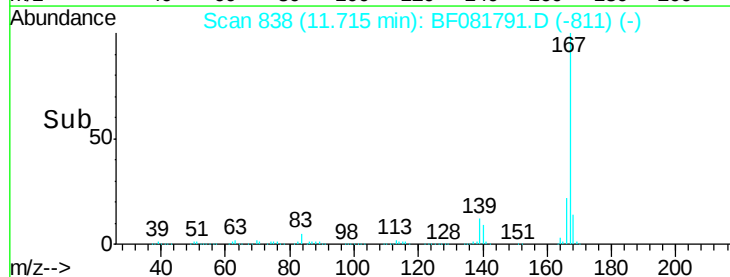
139 11.6 9.5 14.3

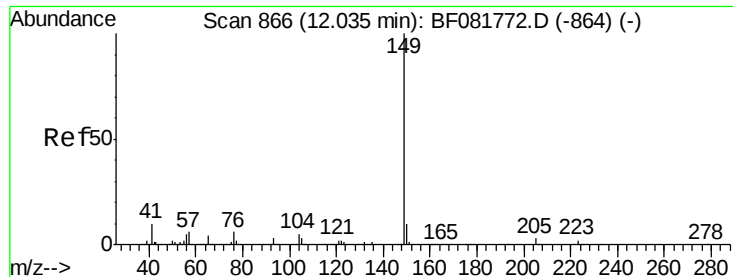


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.42 ng

RT: 12.04 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

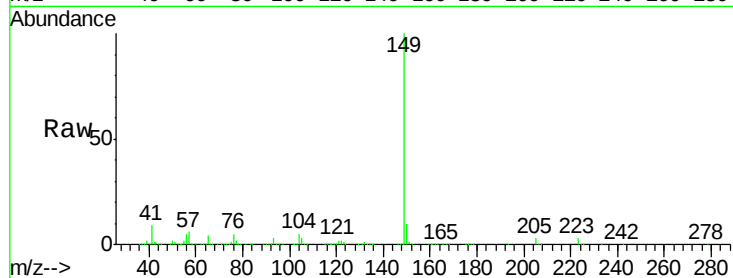
Tot Ion:149 Resp: 1281550

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

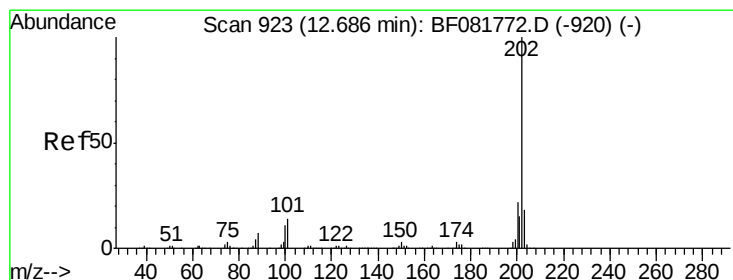
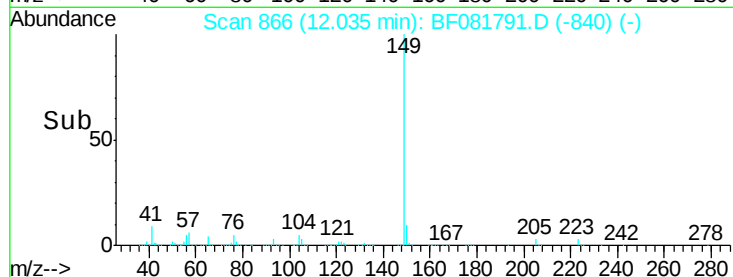
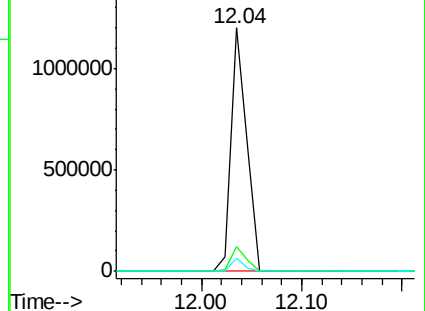
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.49 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

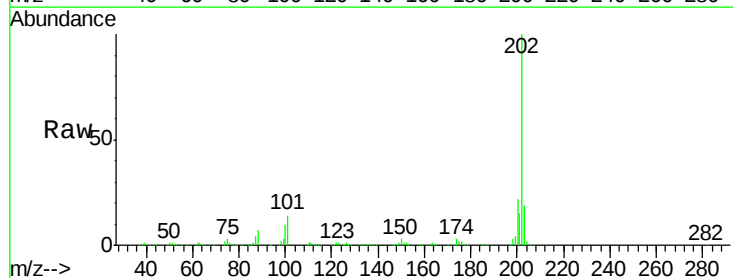
Tgt Ion:202 Resp: 1128016

Ion Ratio Lower Upper

202 100

101 13.5 0.0 38.3

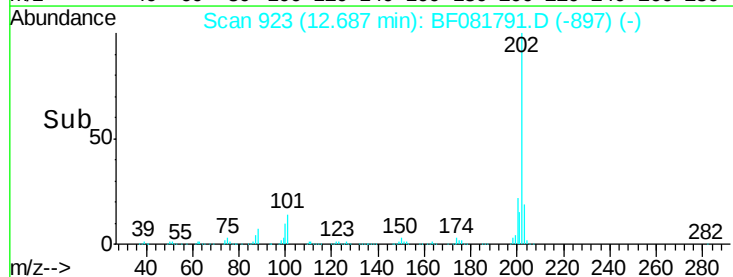
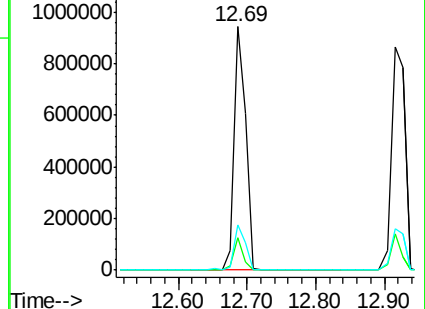
203 18.5 0.0 37.3

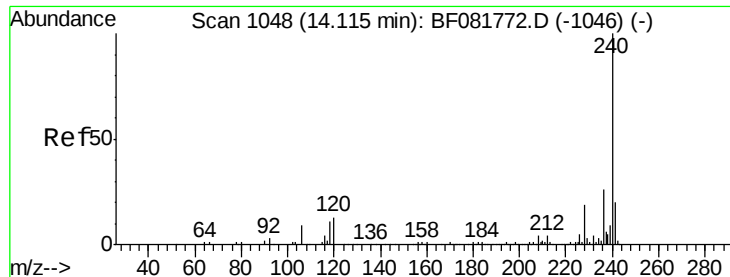


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

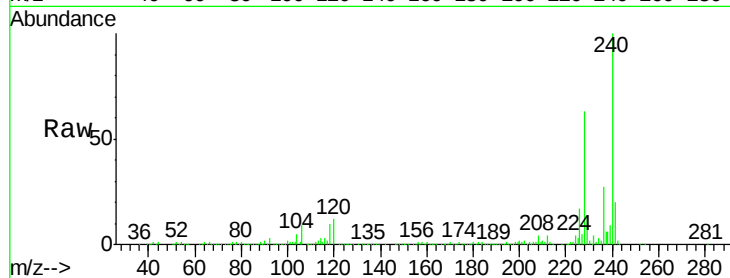
Tot Ion:240 Resp: 397923

Ion Ratio Lower Upper

240 100

120 12.3 16.2 24.2#

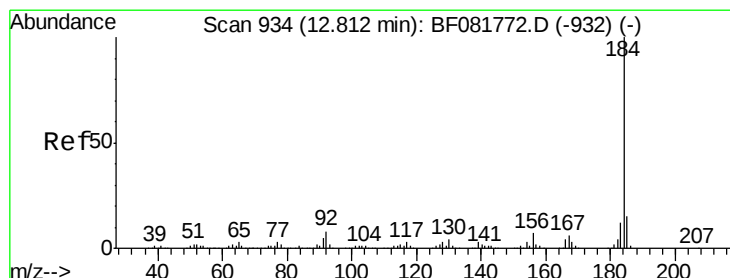
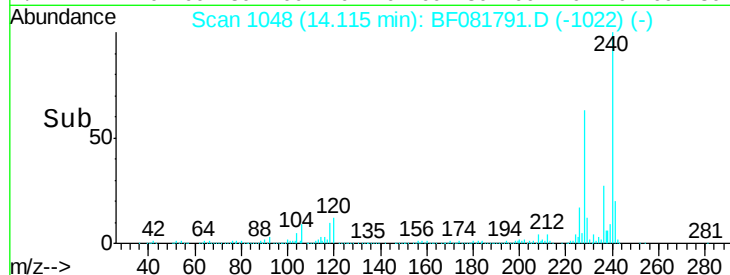
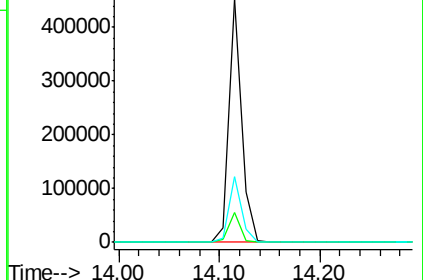
236 26.8 18.4 27.6



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: 22.31 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

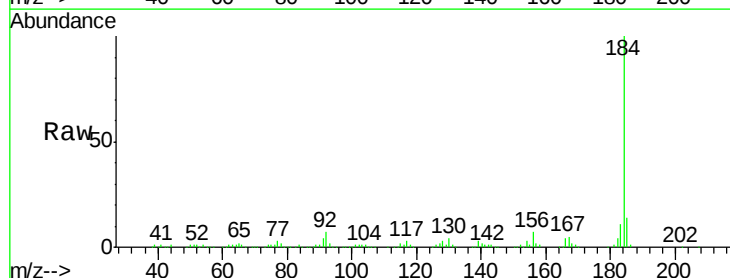
Tgt Ion:184 Resp: 301318

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

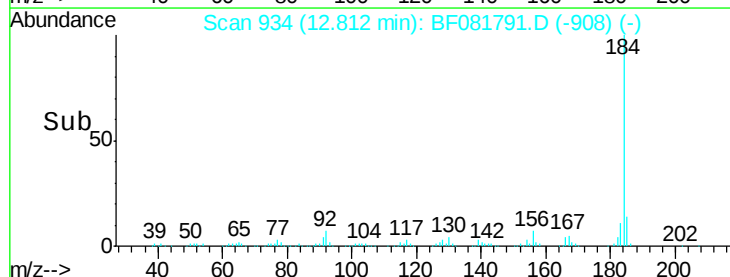
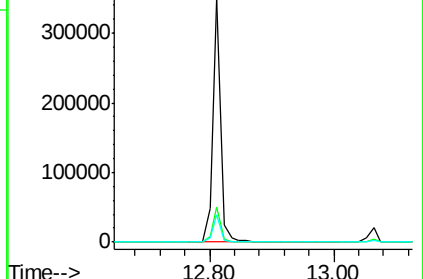
183 11.2 7.6 11.4

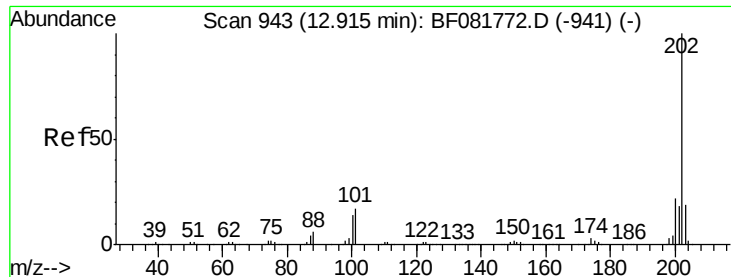


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

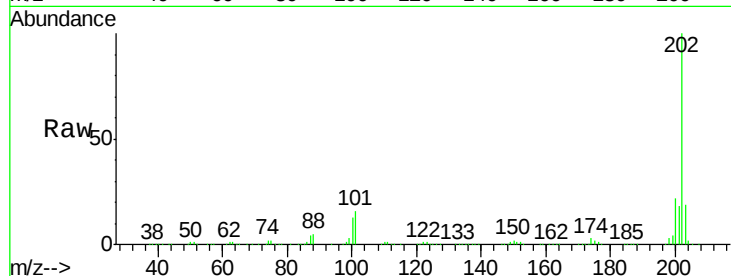




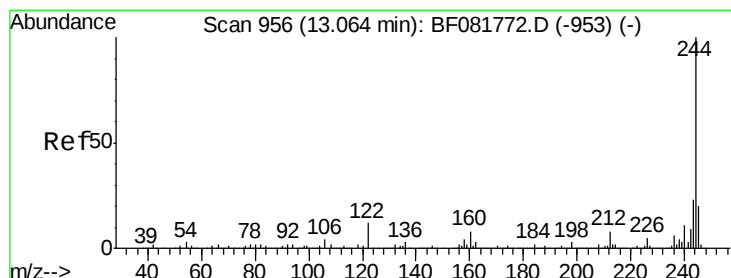
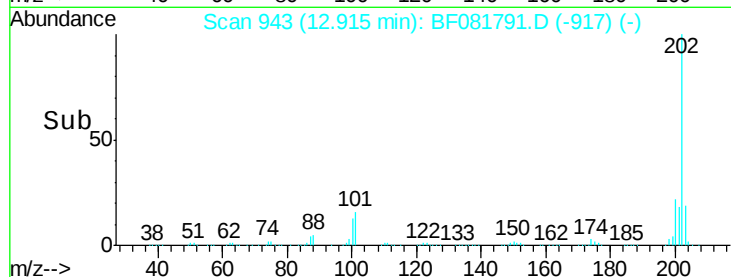
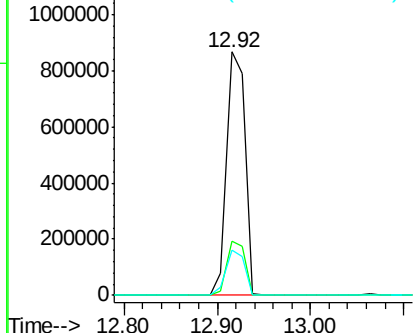
#77
Pvrene
Concen: 39.94 ng
RT: 12.92 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tot Ion:202 Resp: 1198295
Ion Ratio Lower Upper
202 100
200 22.4 15.0 22.4
203 18.7 14.1 21.1

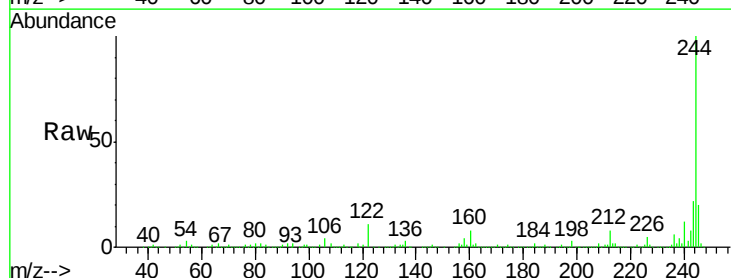


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

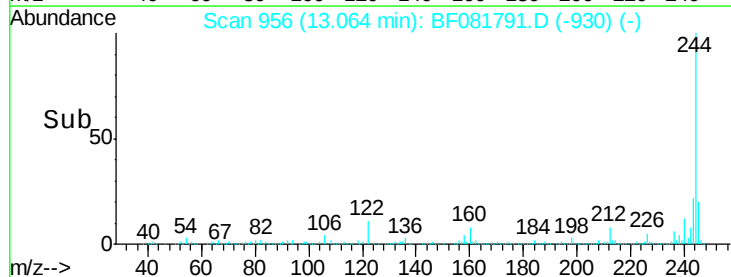
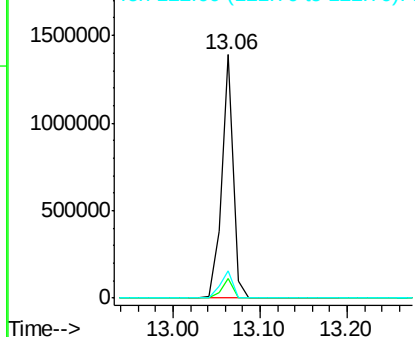


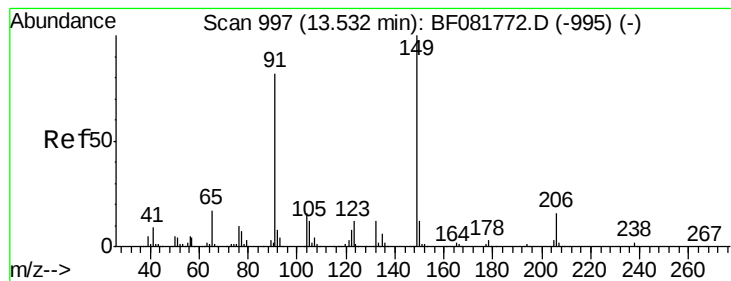
#78
Terphenyl-d14
Concen: 74.21 ng
RT: 13.06 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:244 Resp: 1292664
Ion Ratio Lower Upper
244 100
212 8.2 4.3 6.5#
122 11.0 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.68 ng

RT: 13.53 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

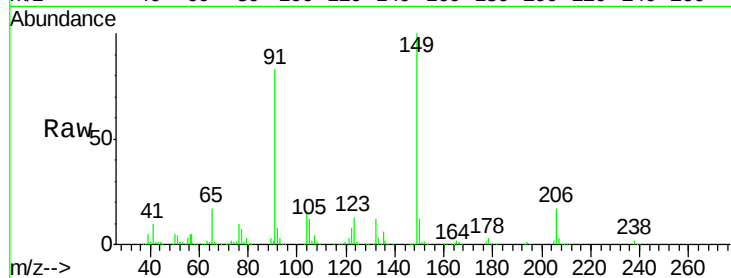
Tot Ion:149 Resp: 522248

Ion Ratio Lower Upper

149 100

91 82.9 48.6 72.8#

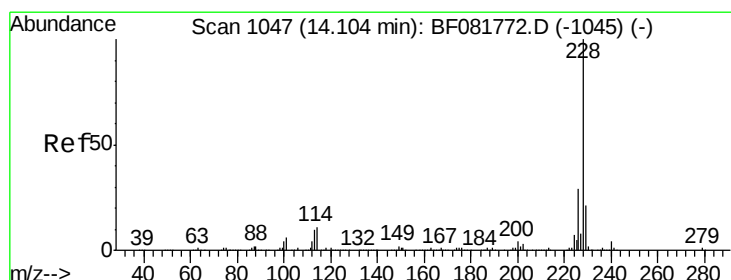
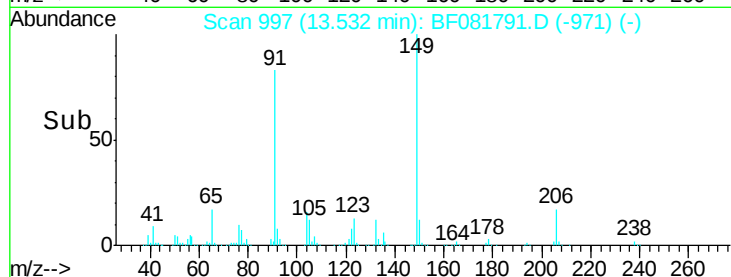
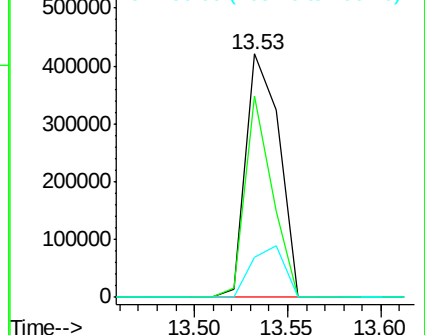
206 16.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.24 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

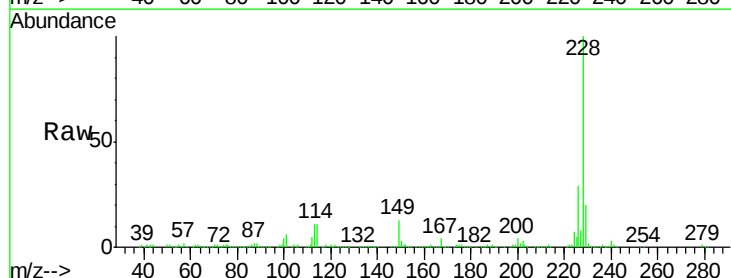
Tgt Ion:228 Resp: 874528

Ion Ratio Lower Upper

228 100

226 28.5 20.0 30.0

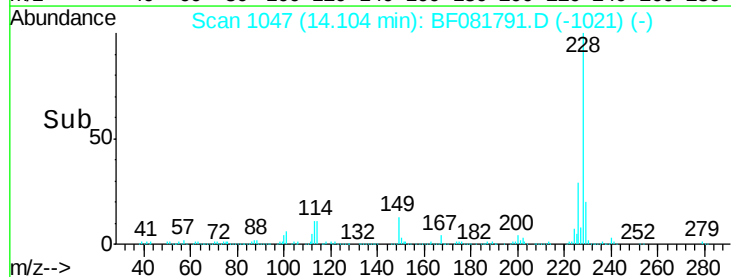
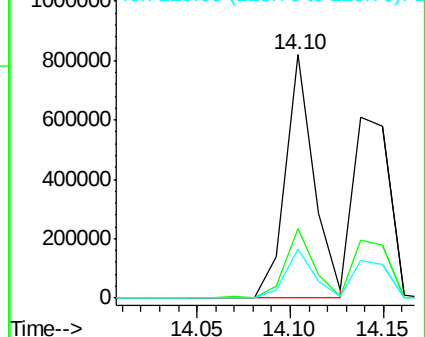
229 20.4 15.4 23.2

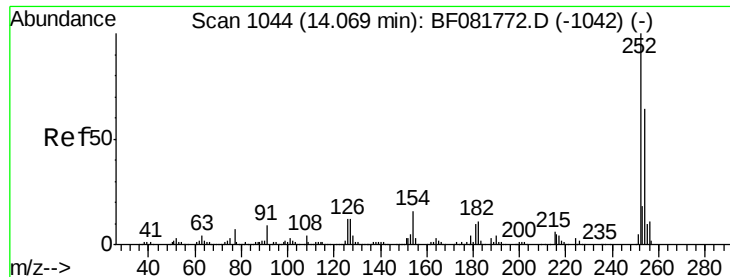


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

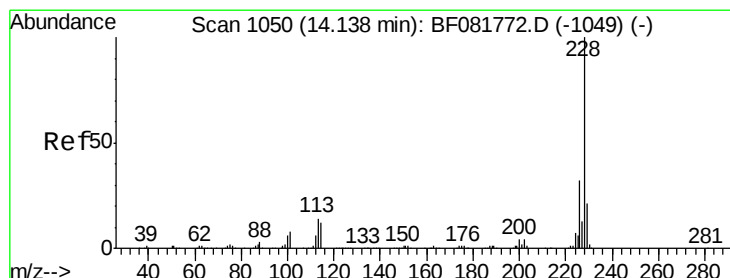
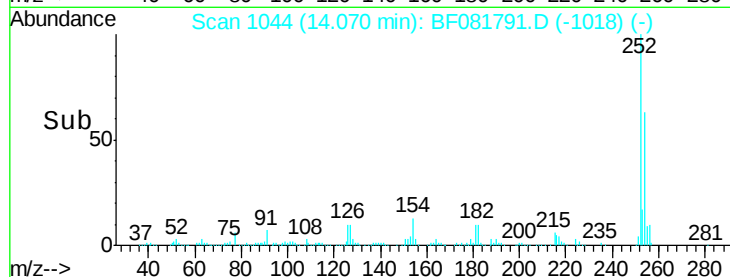
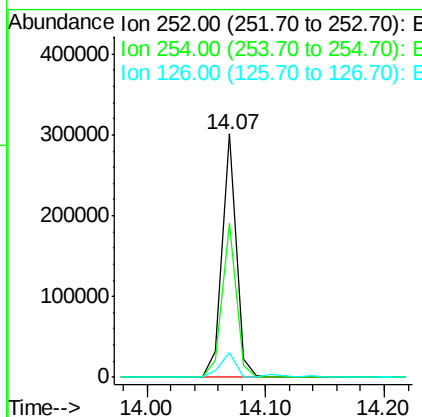
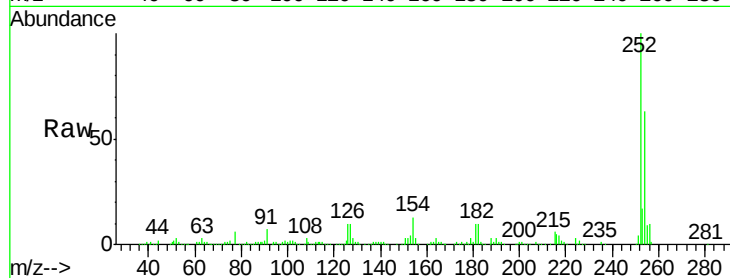




#81
 3,3'-Dichlorobenzidine
 Concen: 32.19 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

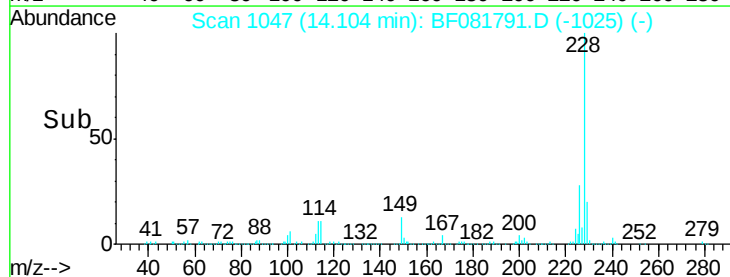
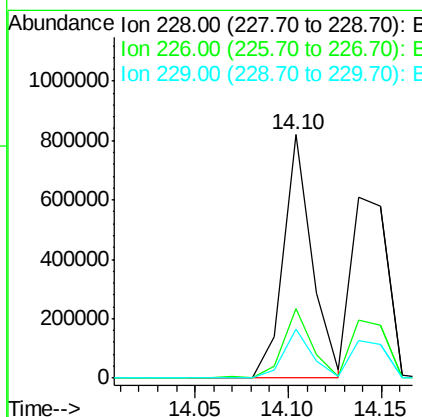
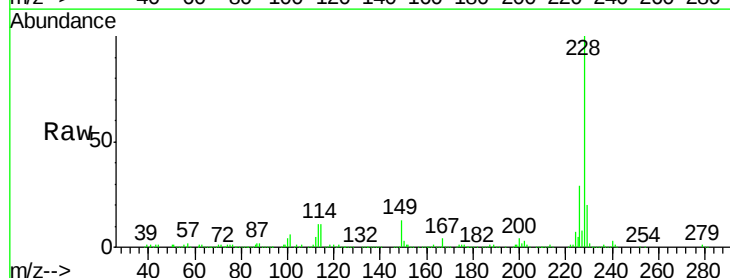
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

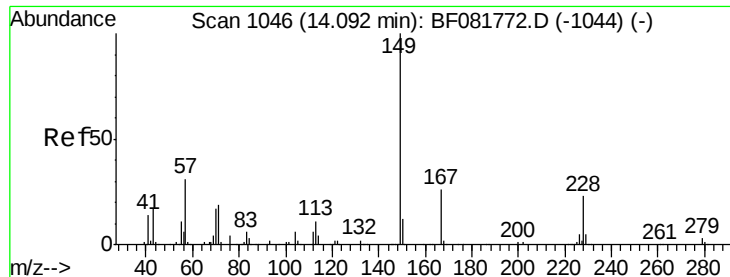
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	10.3	16.4	24.6



#82
 Chrysene
 Concen: 37.79 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	20.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.88 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

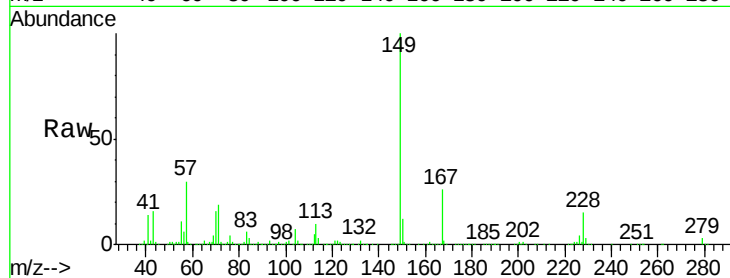
Tot Ion:149 Resp: 766561

Ion Ratio Lower Upper

149 100

167 26.3 24.2 36.2

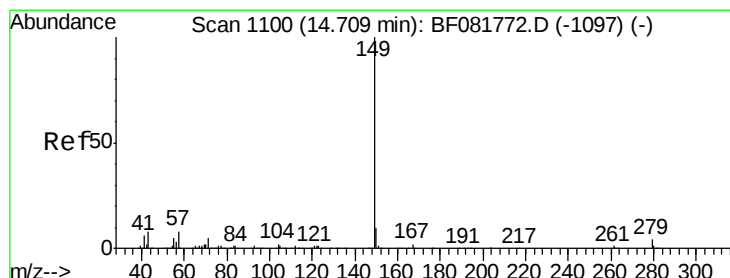
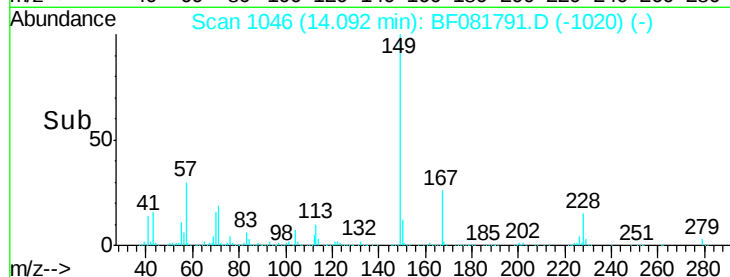
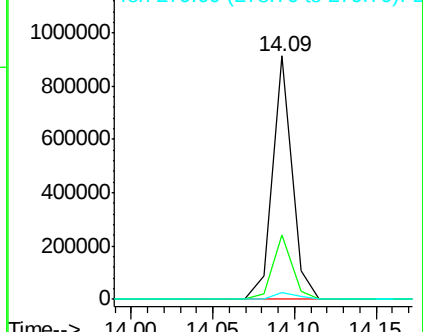
279 2.8 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 57.49 ng

RT: 14.71 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

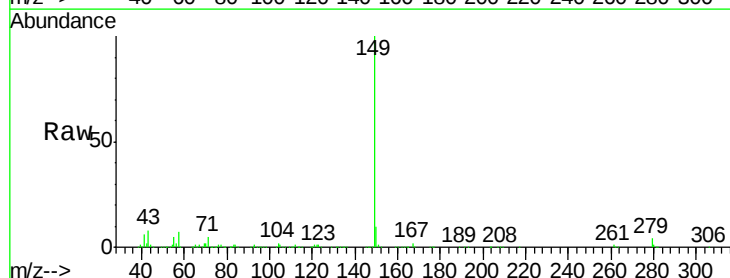
Tgt Ion:149 Resp: 1225534

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6

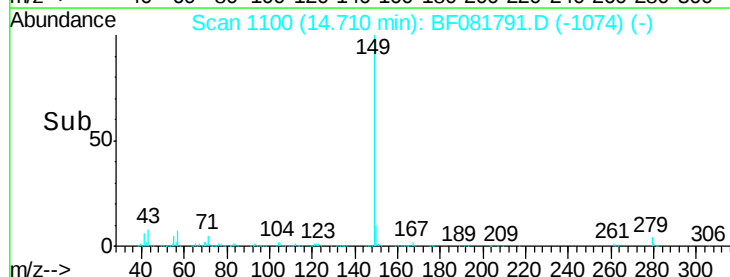
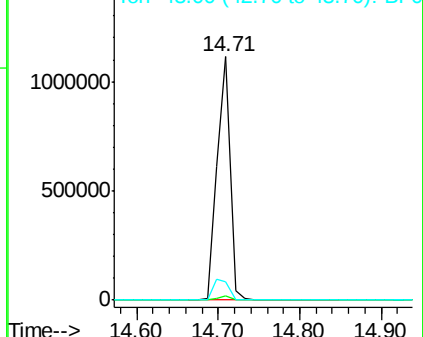
43 10.4 10.2 15.2

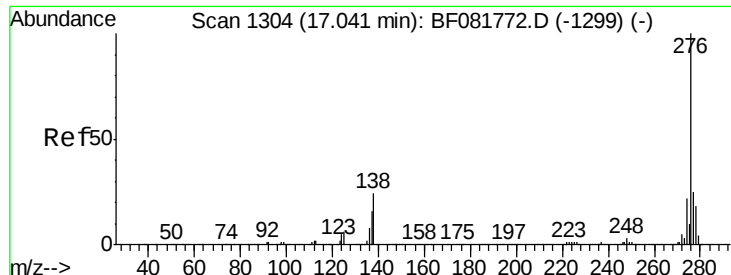


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

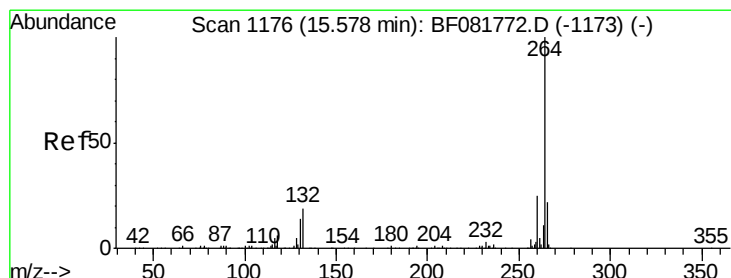
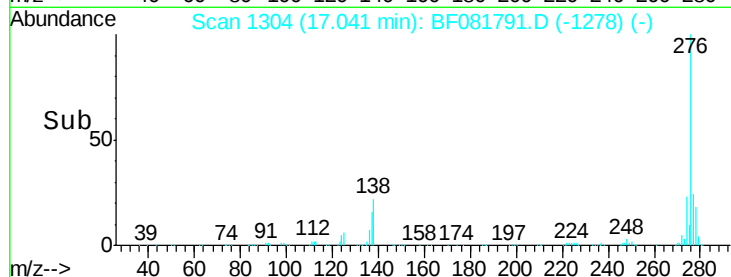
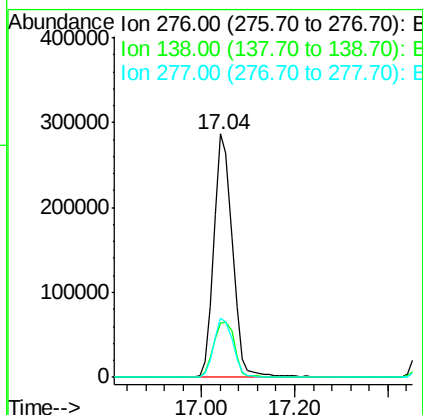
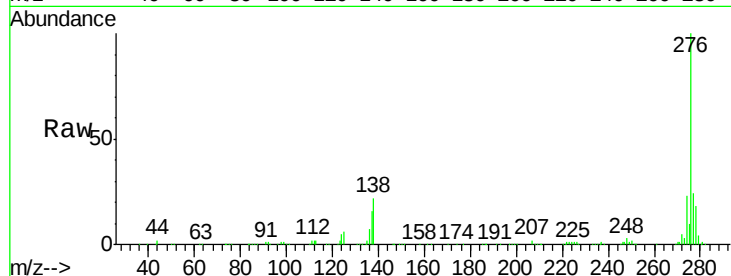




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.53 ng
RT: 17.04 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

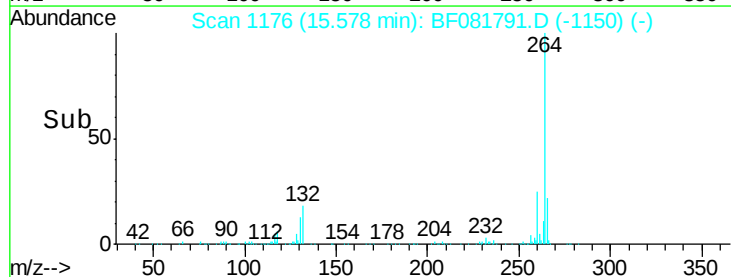
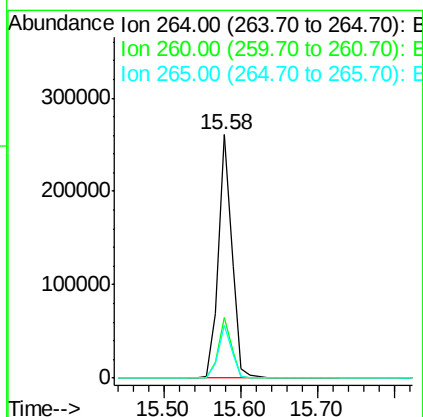
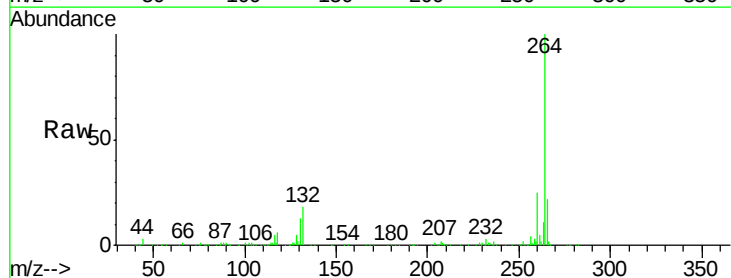
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

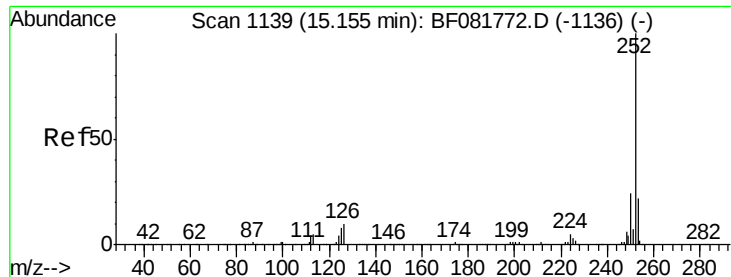
Tot Ion:276 Resp: 795059
Ion Ratio Lower Upper
276 100
138 26.0 25.7 38.5
277 24.9 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:264 Resp: 322764
Ion Ratio Lower Upper
264 100
260 24.7 16.7 25.1
265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.17 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

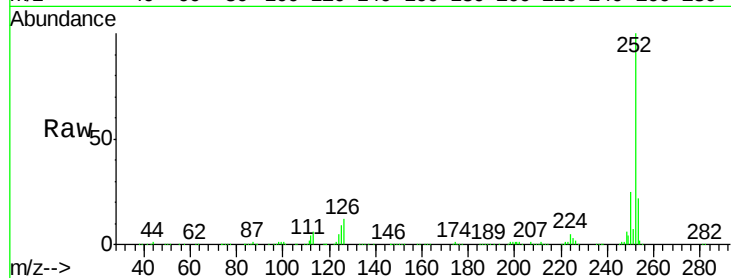
Tot Ion:252 Resp: 768938

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

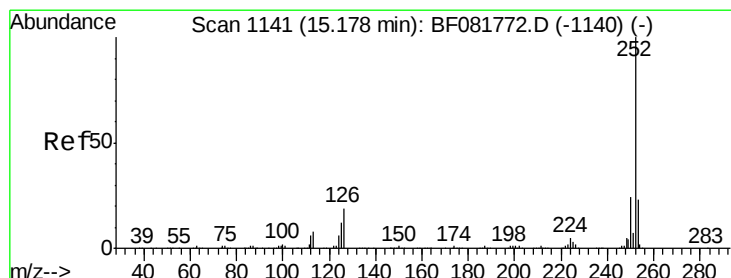
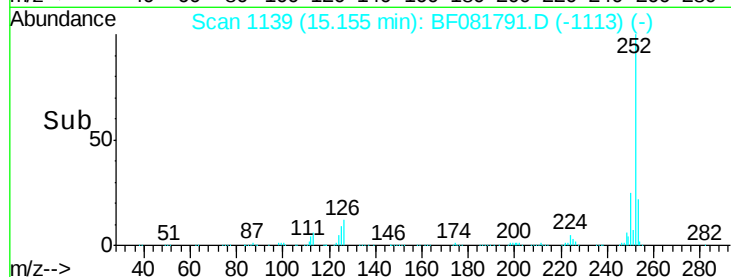
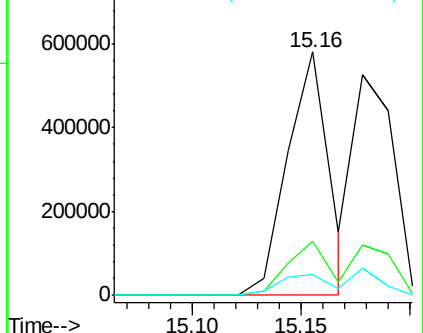
125 8.5 17.1 25.7#



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: 41.71 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

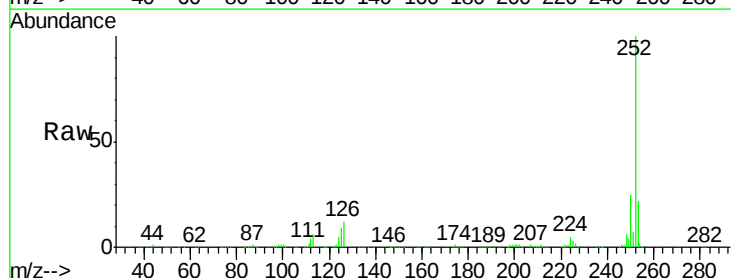
Tgt Ion:252 Resp: 768938

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

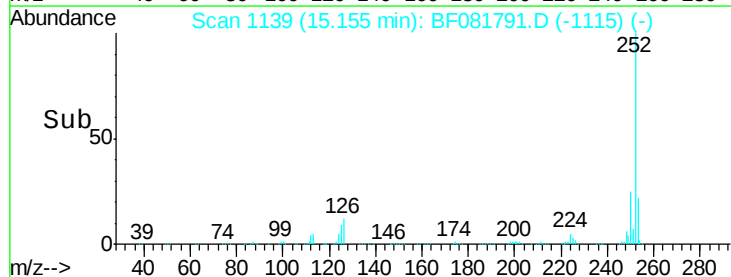
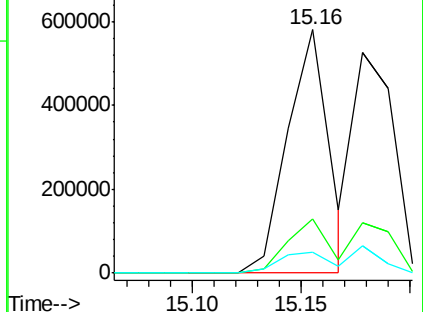
125 8.5 16.0 24.0#

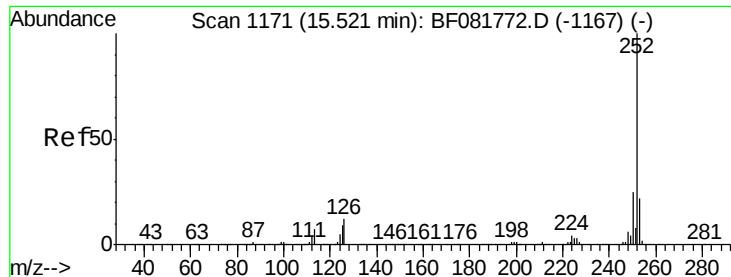


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

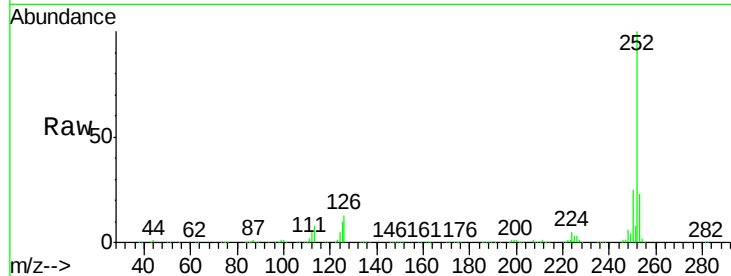




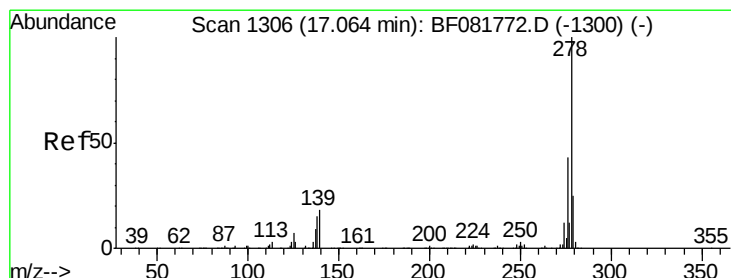
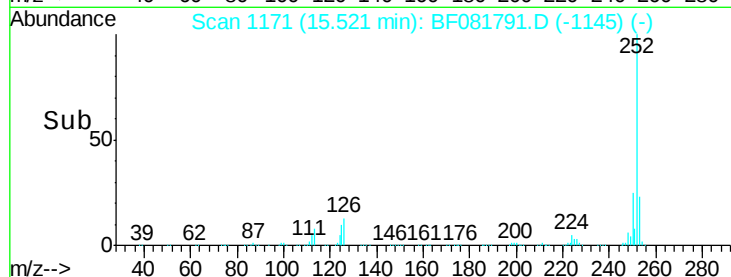
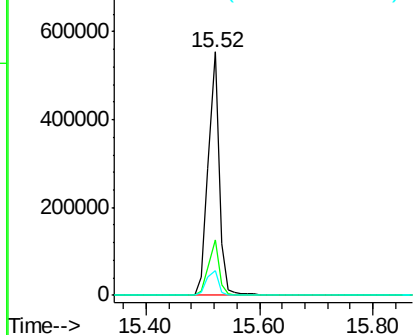
#89
Benzo(a)pyrene
Concen: 41.35 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tot Ion:252 Resp: 714554
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 9.9 18.0 27.0#

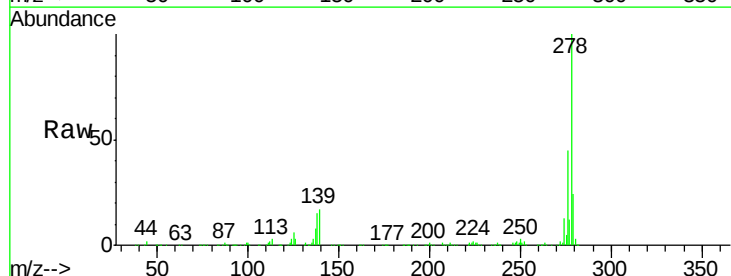


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

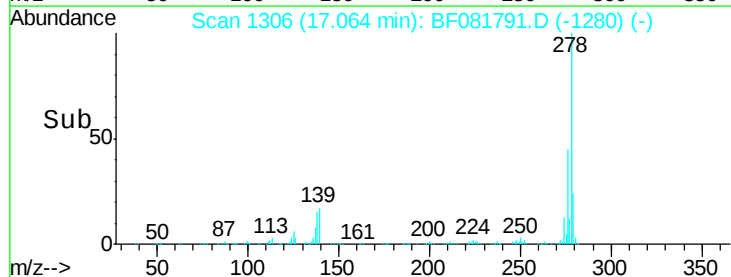
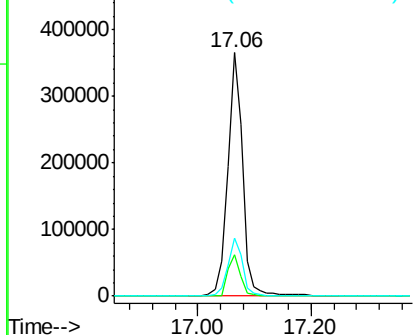


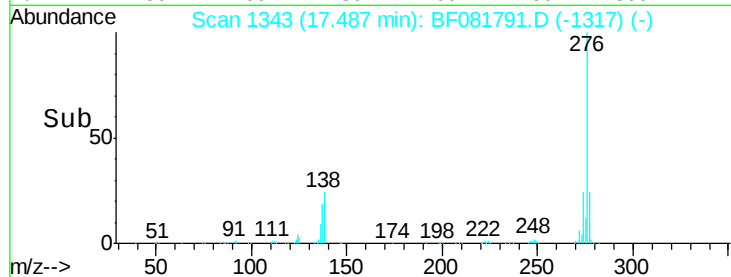
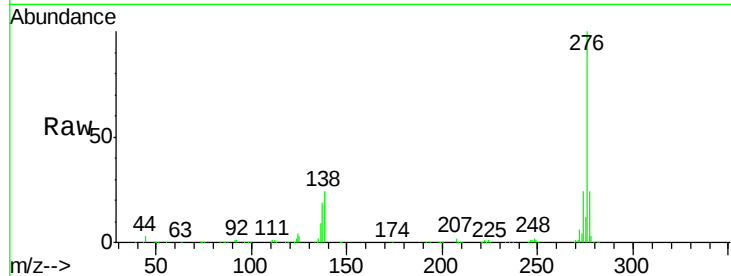
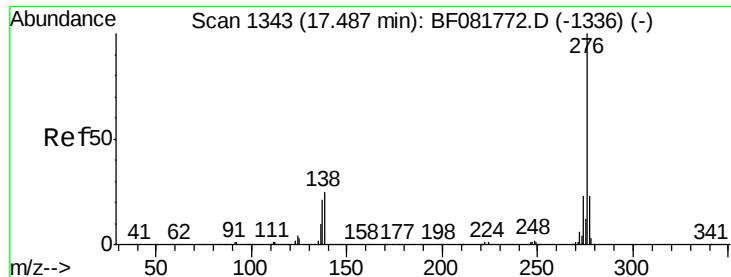
#90
Dibenzo(a,h)anthracene
Concen: 37.56 ng
RT: 17.06 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:278 Resp: 676327
Ion Ratio Lower Upper
278 100
139 17.2 26.3 39.5#
279 23.9 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.37 ng

RT: 17.49 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tot Ion: 276 Resp: 619600

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 23.9 34.6 51.8#

