

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081805.D
 Acq On : 25 Sep 2015 16:13
 Operator : UM/IZ
 Sample : G3708-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Quant Time: Sep 25 23:18:34 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 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	138011	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	531339	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	261645	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	516594	20.00	ng	0.00
75) Chrysene-d12	14.12	240	419994	20.00	ng	0.00
86) Perylene-d12	15.59	264	352276	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	921643	112.98	ng	0.01
7) Phenol-d6	6.57	99	1094400	106.06	ng	0.00
23) Nitrobenzene-d5	7.51	82	740562	91.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	332832	146.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1385242	86.91	ng	0.00
78) Terphenyl-d14	13.06	244	1302988	70.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	121424	30.07	ng	90
3) Pyridine	3.41	79	314917	27.65	ng	89
4) n-Nitrosodimethylamine	3.36	42	176631	32.86	ng	99
6) Aniline	6.61	93	394714	25.55	ng	# 89
8) 2-Chlorophenol	6.73	128	368422	40.99	ng	95
9) Benzaldehyde	6.49	77	136716	22.41	ng	# 77
10) Phenol	6.58	94	441478	36.83	ng	# 66
11) bis(2-Chloroethyl)ether	6.69	93	374368	42.59	ng	95
12) 1,3-Dichlorobenzene	6.89	146	392470	36.90	ng	98
13) 1,4-Dichlorobenzene	6.89	146	392470	36.47	ng	97
14) 1,2-Dichlorobenzene	7.12	146	391415	39.09	ng	97
15) Benzyl Alcohol	7.09	79	301327	37.03	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.22	45	529136	35.19	ng	89
17) 2-Methylphenol	7.20	107	297169	39.14	ng	# 89
18) Hexachloroethane	7.46	117	139635	39.84	ng	# 75
19) n-Nitroso-di-n-propylamine	7.36	70	238343	34.65	ng	# 81
20) 3+4-Methylphenols	7.35	107	348037	36.49	ng	# 78
22) Acetophenone	7.36	105	479631	41.16	ng	# 83
24) Nitrobenzene	7.53	77	372116	41.42	ng	# 68
25) Isophorone	7.77	82	698921	39.18	ng	# 91
26) 2-Nitrophenol	7.85	139	198350	60.78	ng	# 79
27) 2,4-Dimethylphenol	7.89	122	318082	39.31	ng	86
28) bis(2-Chloroethoxy)methane	7.99	93	430232	41.28	ng	# 95
29) 2,4-Dichlorophenol	8.09	162	330495	43.88	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	318780	37.71	ng	98
31) Naphthalene	8.25	128	970299	39.58	ng	97
32) Benzoic acid	7.89	122	318082	201.91	ng	# 25
33) 4-Chloroaniline	8.30	127	242335	22.53	ng	# 86
34) Hexachlorobutadiene	8.38	225	196506	39.41	ng	99
35) Caprolactam	8.67	113	61777	30.70	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	308787	40.91	ng	# 80
37) 2-Methylnaphthalene	8.95	142	733762	42.01	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	313655	37.56	ng	99
40) Hexachlorocyclopentadiene	9.10	237	337080	94.19	ng	95

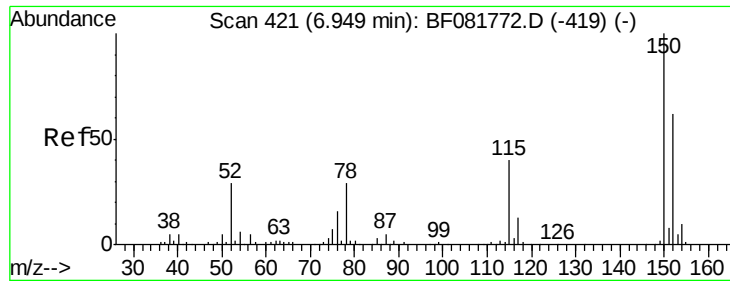
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	266127	48.37	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	230121	42.51	ng #	93
45) 1,1'-Biphenyl	9.42	154	866447	42.35	ng	93
46) 2-Chloronaphthalene	9.44	162	711825	43.25	ng	96
47) 2-Nitroaniline	9.53	65	203813	46.57	ng #	74
48) Acenaphthylene	9.85	152	1038794	37.30	ng	95
49) Dimethylphthalate	9.71	163	1018815	51.17	ng #	97
50) 2,6-Dinitrotoluene	9.77	165	167701	43.64	ng #	50
51) Acenaphthene	10.02	154	596410	37.16	ng	90
52) 3-Nitroaniline	9.94	138	154358	37.03	ng #	70
53) 2,4-Dinitrophenol	10.05	184	42274	68.18	ng #	84
54) Dibenzofuran	10.19	168	909891	38.65	ng #	86
55) 4-Nitrophenol	10.10	139	297015	103.33	ng #	75
56) 2,4-Dinitrotoluene	10.18	165	238090	51.75	ng #	81
57) Fluorene	10.54	166	679629	37.62	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	195492	47.31	ng	99
59) Diethylphthalate	10.41	149	781073	40.50	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	341296	41.15	ng	88
61) 4-Nitroaniline	10.56	138	187507	46.31	ng #	47
62) Azobenzene	10.69	77	821179	41.65	ng	86
64) 4,6-Dinitro-2-methylphenol	10.58	198	68058	54.32	ng #	77
65) n-Nitrosodiphenylamine	10.65	169	659604	37.86	ng	91
66) 4-Bromophenyl-phenylether	11.02	248	228028	39.64	ng #	86
67) Hexachlorobenzene	11.09	284	262945	43.81	ng #	83
68) Atrazine	11.18	200	221065	42.44	ng	84
69) Pentachlorophenol	11.28	266	228618	69.69	ng	98
70) Phenanthrene	11.50	178	1099456	37.23	ng	95
71) Anthracene	11.55	178	1115943	39.21	ng	95
72) Carbazole	11.70	167	979439	37.07	ng	94
73) Di-n-butylphthalate	12.04	149	1195224	37.17	ng #	97
74) Fluoranthene	12.69	202	1122622	37.72	ng	93
76) Benzidine	12.81	184	303734	21.31	ng	98
77) Pyrene	12.92	202	1179070	37.24	ng	95
79) Butylbenzylphthalate	13.54	149	537955	42.63	ng #	85
80) Benzo(a)anthracene	14.10	228	1024616	40.23	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	239201	29.57	ng #	96
82) Chrysene	14.10	228	1024616	41.95	ng	96
83) Bis(2-ethylhexyl)phthalate	14.09	149	708771	46.32	ng #	92
84) Di-n-octyl phthalate	14.71	149	1148282	51.03	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.05	276	845438	37.81	ng #	88
87) Benzo(h)fluoranthene	15.16	252	1003022	48.01	ng #	89
88) Benzo(k)fluoranthene	15.16	252	1003022	49.85	ng #	89
89) Benzo(a)pyrene	15.53	252	774701	41.07	ng #	82
90) Dibenzo(a,h)anthracene	17.08	278	700729	35.65	ng #	81
91) Benzo(g,h,i)perylene	17.51	276	719654	35.51	ng #	73

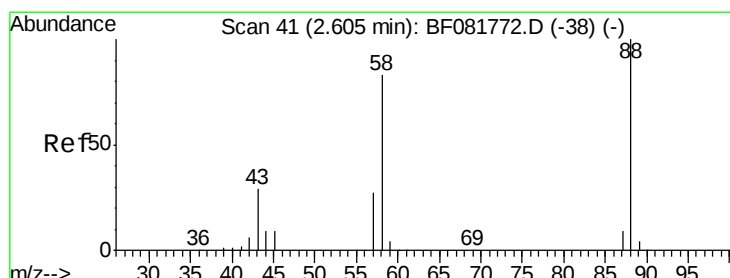
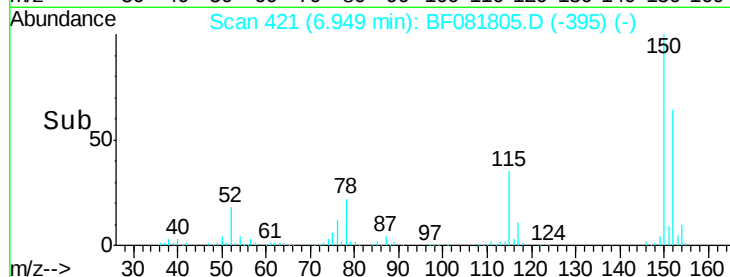
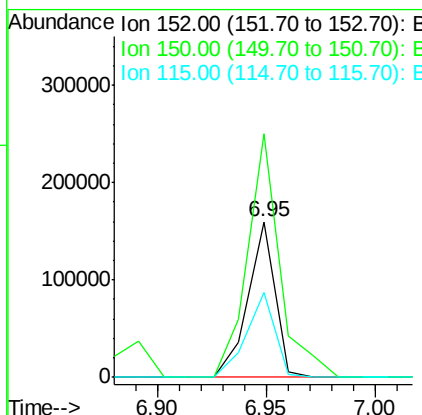
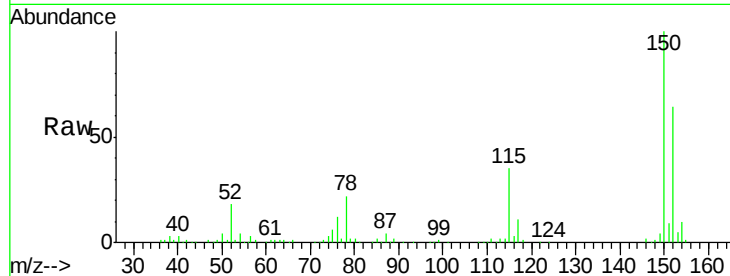
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

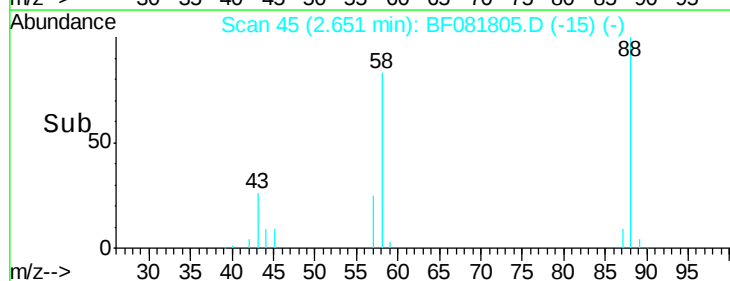
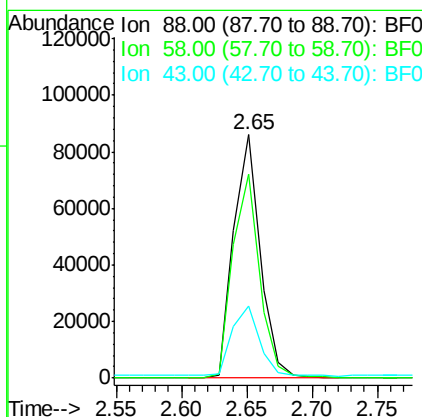
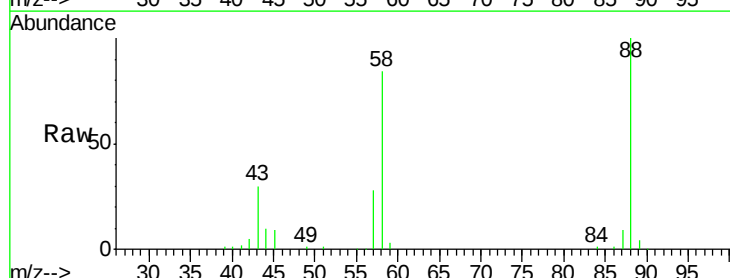
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

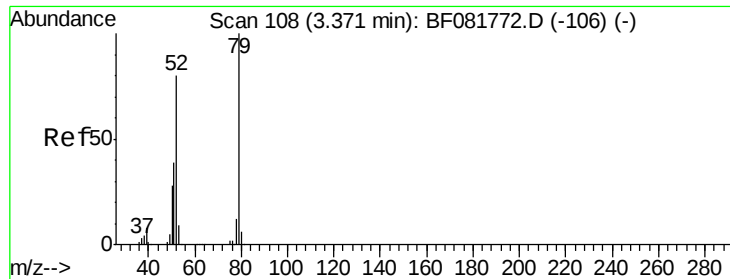
Tgt Ion: 152 Resp: 138011
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.7 187.1
 115 54.8 39.0 58.4



#2
 1,4-Dioxane
 Concen: 30.07 ng
 RT: 2.65 min Scan# 45
 Delta R.T. 0.05 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion: 88 Resp: 121424
 Ion Ratio Lower Upper
 88 100
 58 85.5 77.7 116.5
 43 30.2 26.6 40.0





#3

Pyridine

Concen: 27.65 ng

RT: 3.41 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

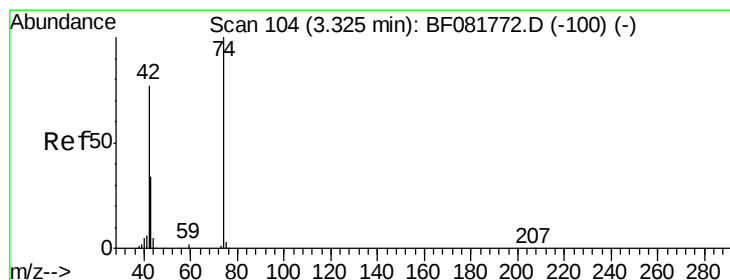
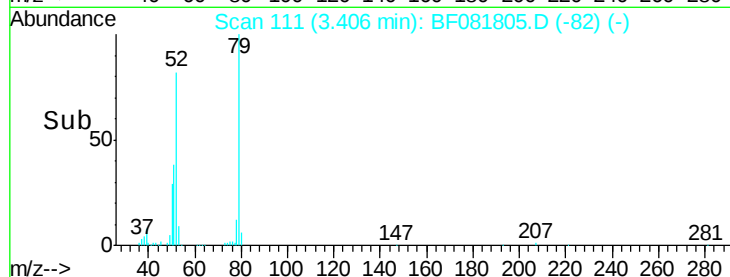
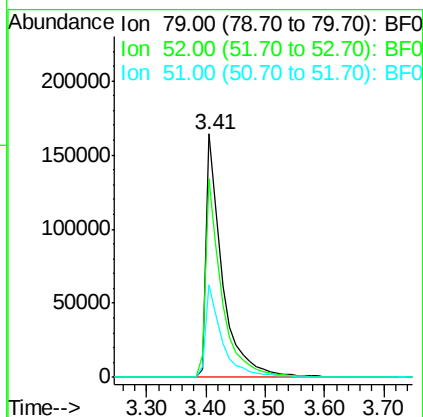
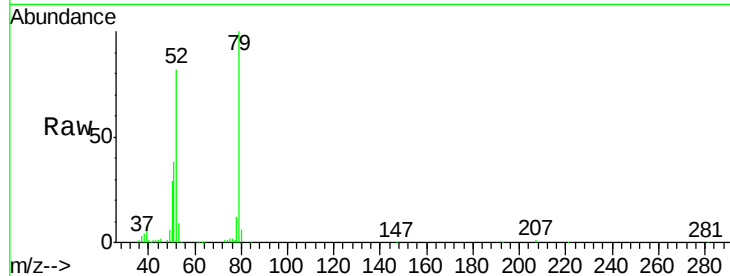
Tgt Ion: 79 Resp: 314917

Ion Ratio Lower Upper

79 100

52 81.8 76.8 115.2

51 37.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 32.86 ng

RT: 3.36 min Scan# 107

Delta R.T. 0.03 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

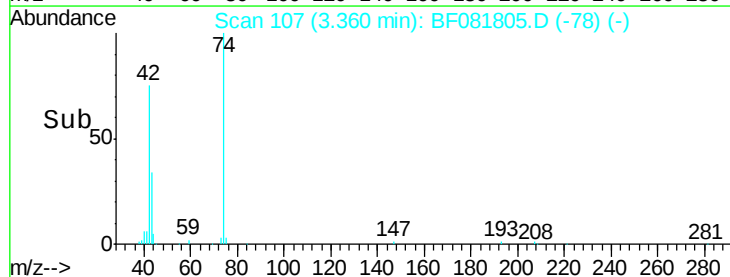
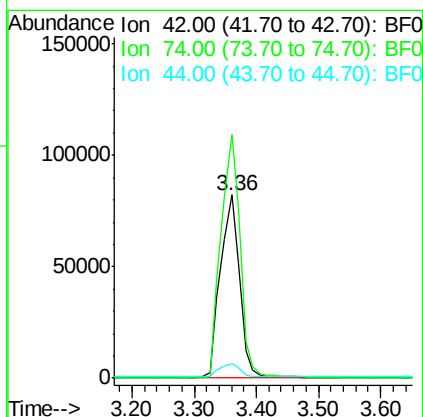
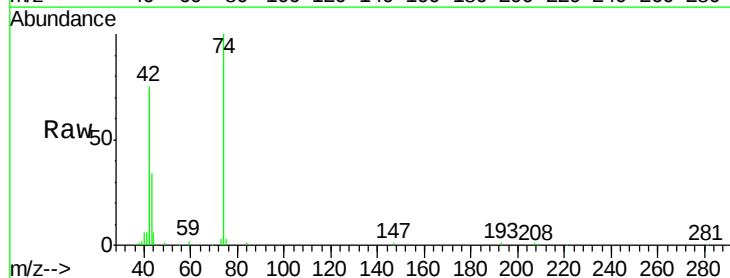
Tgt Ion: 42 Resp: 176631

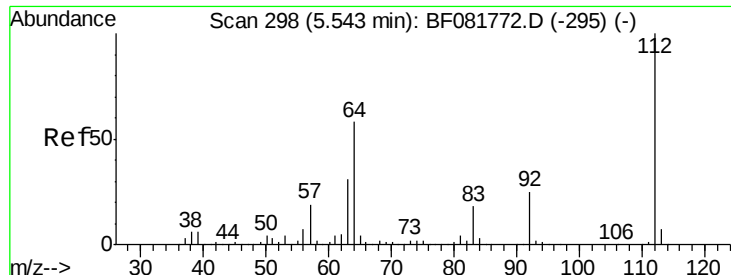
Ion Ratio Lower Upper

42 100

74 133.0 105.0 157.6

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 112.98 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

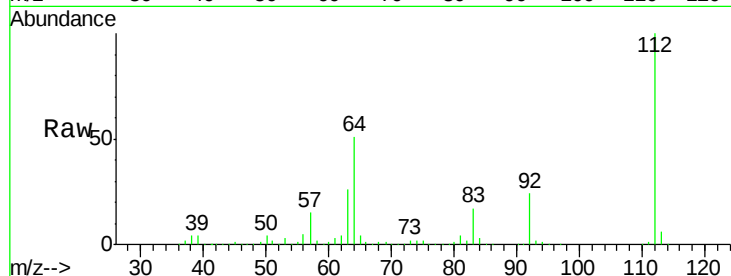
Tgt Ion: 112 Resp: 921643

Ion Ratio Lower Upper

112 100

64 50.5 39.7 59.5

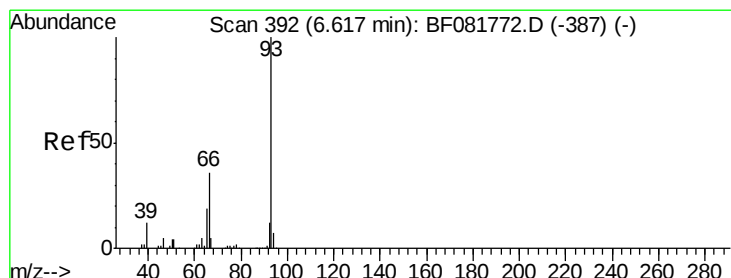
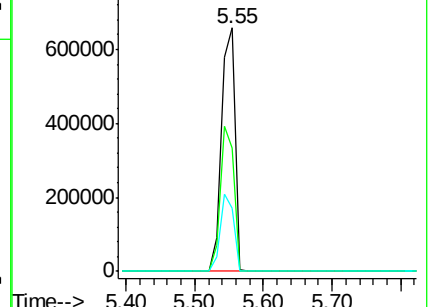
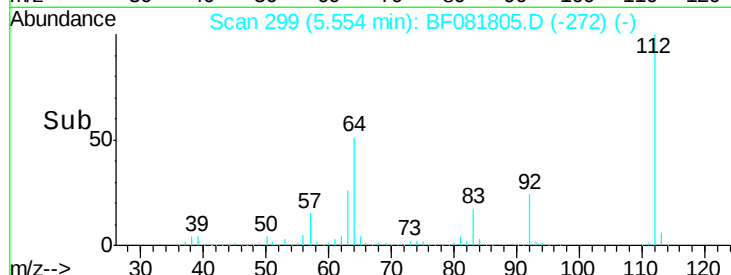
63 25.9 17.4 26.0



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: 25.55 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

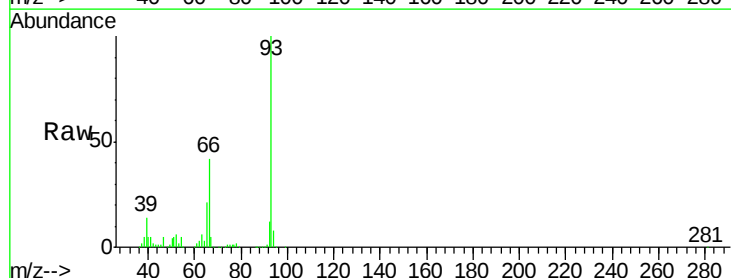
Tgt Ion: 93 Resp: 394714

Ion Ratio Lower Upper

93 100

66 41.8 27.2 40.8#

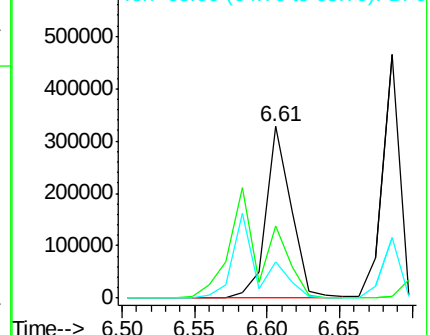
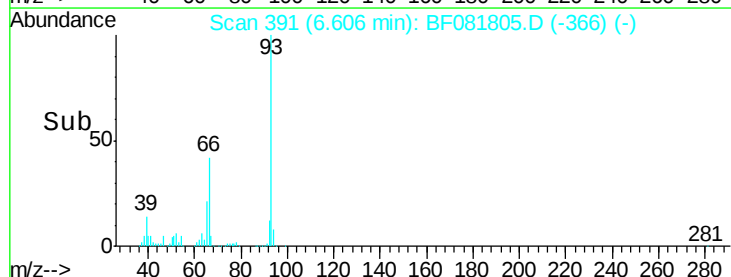
65 21.0 14.7 22.1

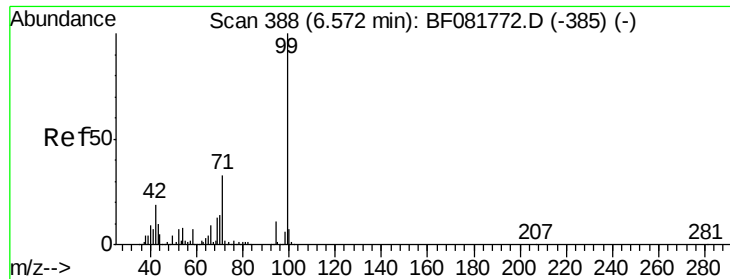


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.06 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

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ClientSampleId :

MGP209BR-29-30MSD

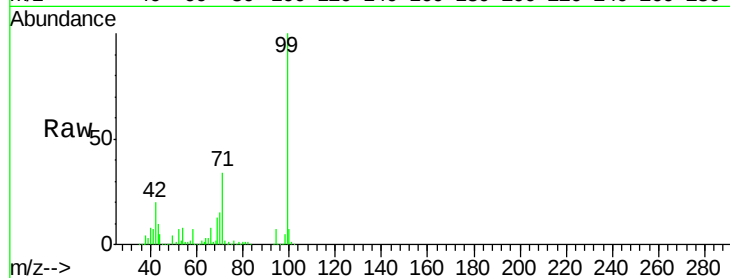
Tgt Ion: 99 Resp: 1094400

Ion Ratio Lower Upper

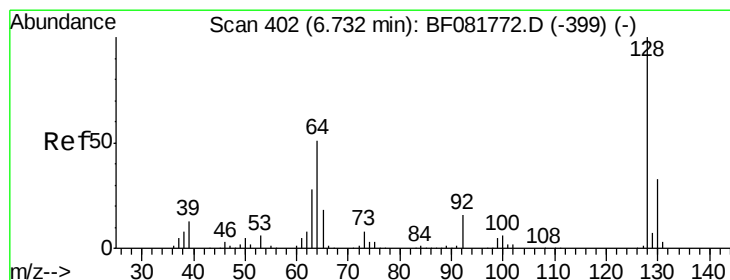
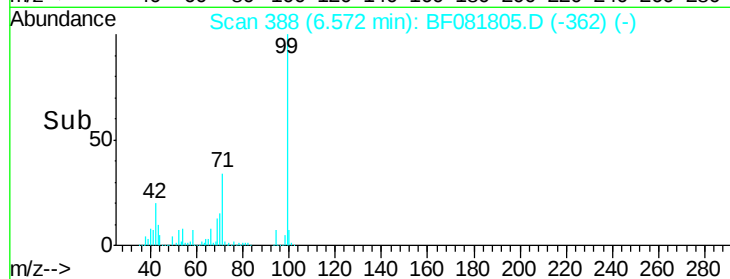
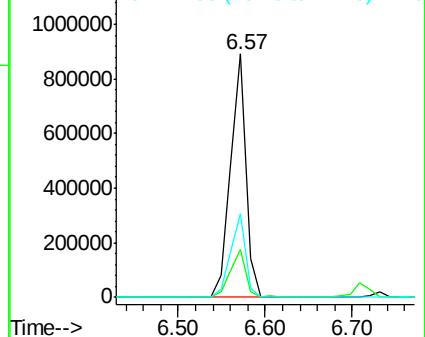
99 100

42 19.8 13.7 20.5

71 34.3 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: 40.99 ng

RT: 6.73 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

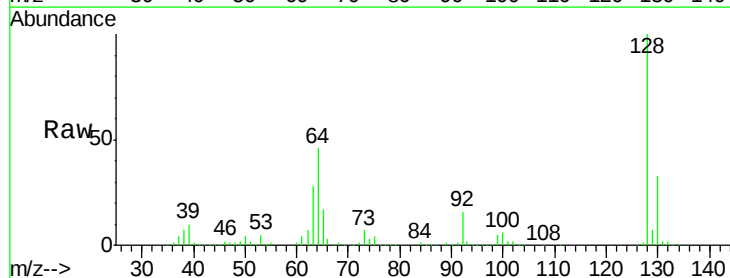
Tgt Ion: 128 Resp: 368422

Ion Ratio Lower Upper

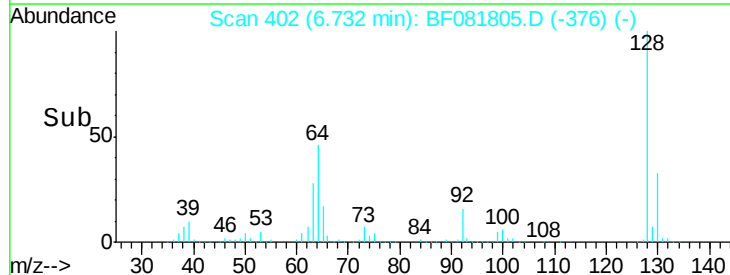
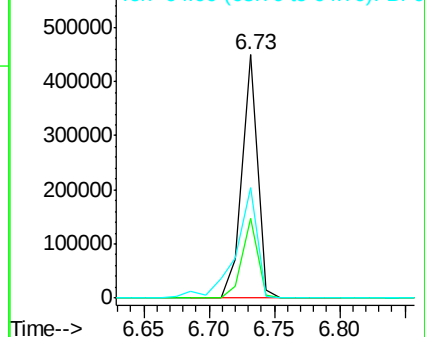
128 100

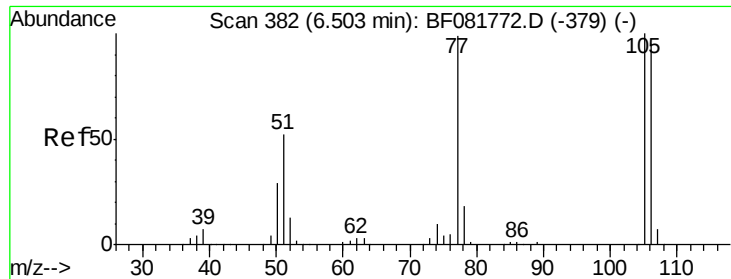
130 32.9 12.2 52.2

64 45.6 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

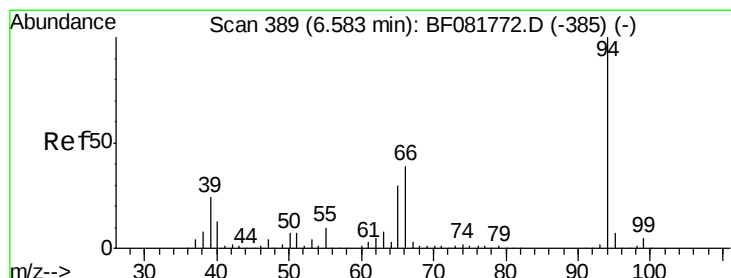
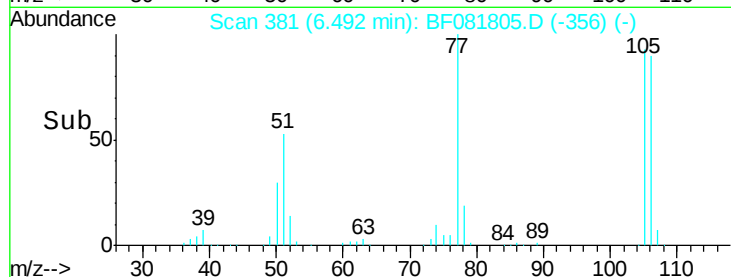
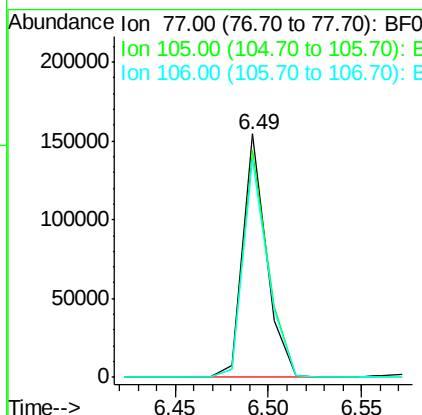
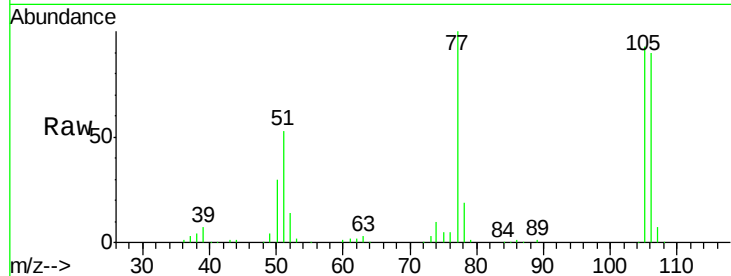




#9
Benzaldehyde
Concen: 22.41 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

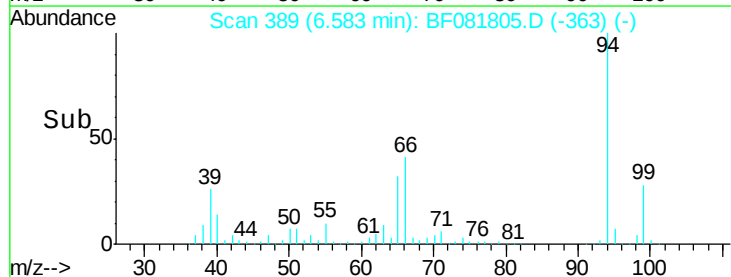
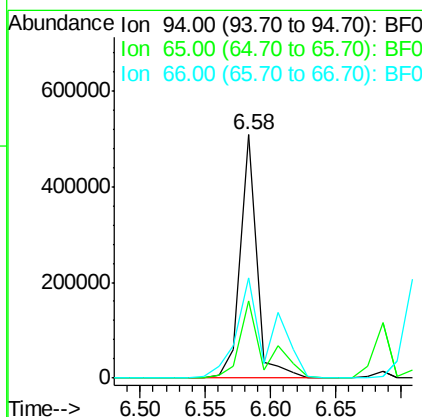
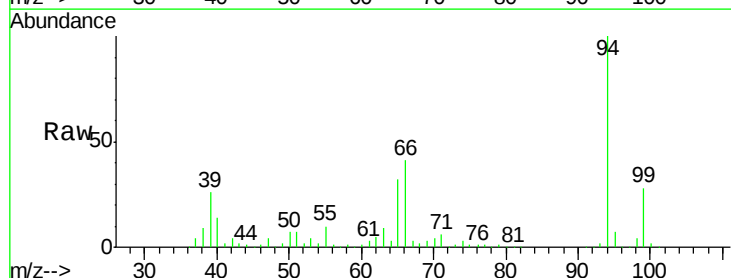
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BNA_F
ClientSampleId :
MGP209BR-29-30MSD

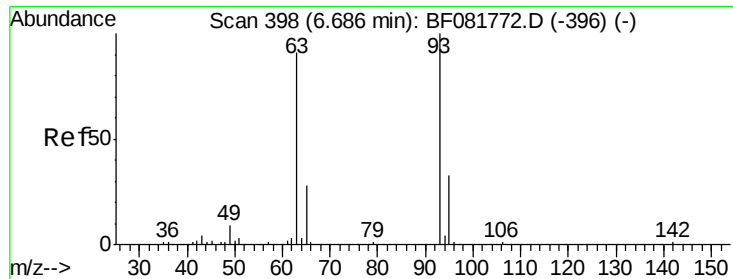
Tgt Ion: 77 Resp: 136716
Ion Ratio Lower Upper
77 100
105 93.5 91.6 131.6
106 89.7 102.6 142.6#



#10
Phenol
Concen: 36.83 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion: 94 Resp: 441478
Ion Ratio Lower Upper
94 100
65 31.7 0.7 40.7
66 41.4 0.8 40.8#

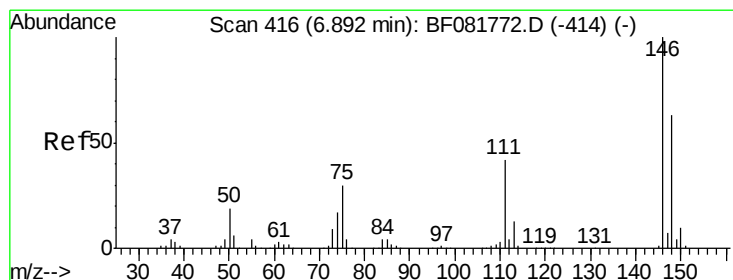
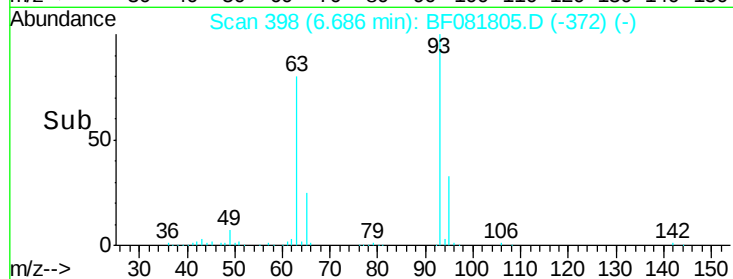
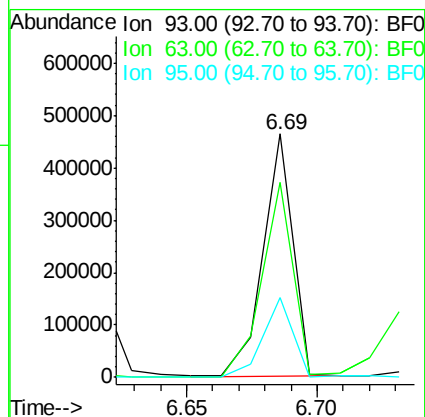
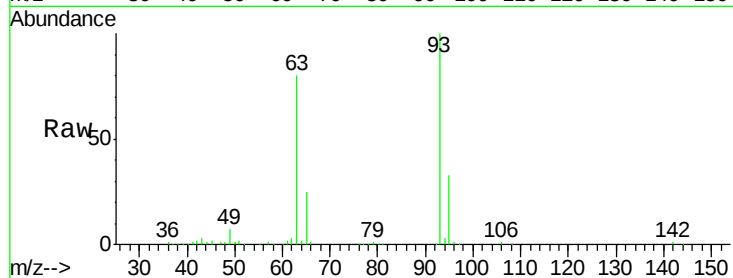




#11
bis(2-Chloroethyl)ether
Concen: 42.59 ng
RT: 6.69 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

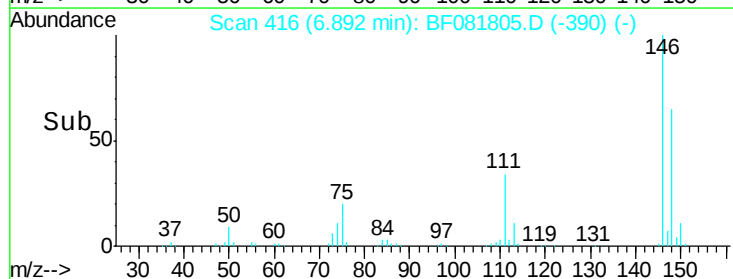
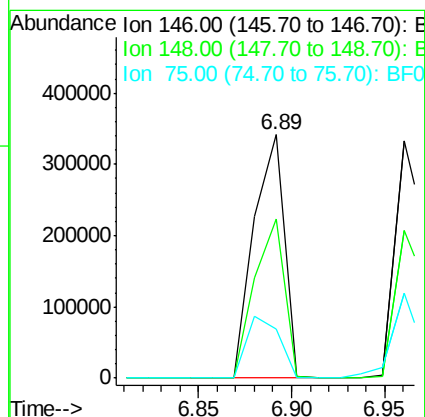
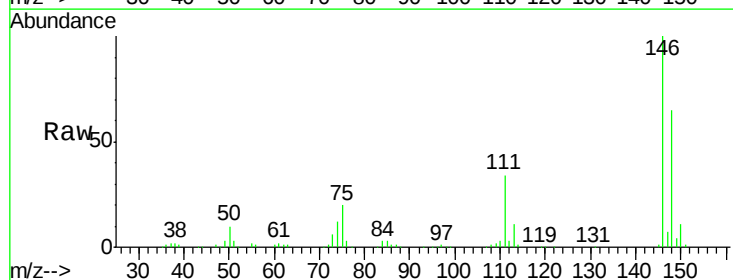
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

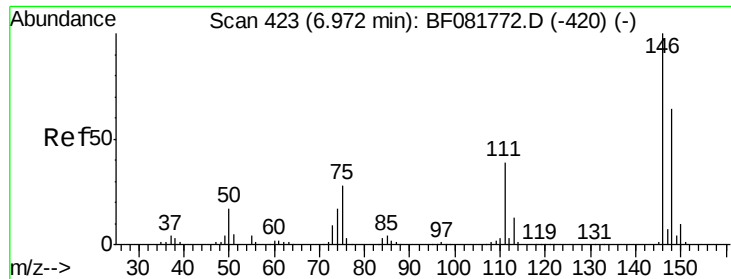
Tgt Ion: 93 Resp: 374368
Ion Ratio Lower Upper
93 100
63 80.1 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.90 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion: 146 Resp: 392470
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 20.2 15.0 22.6

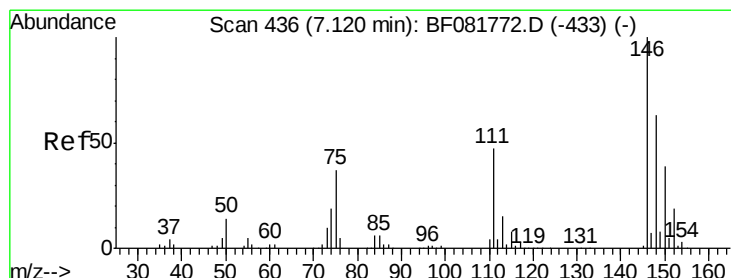
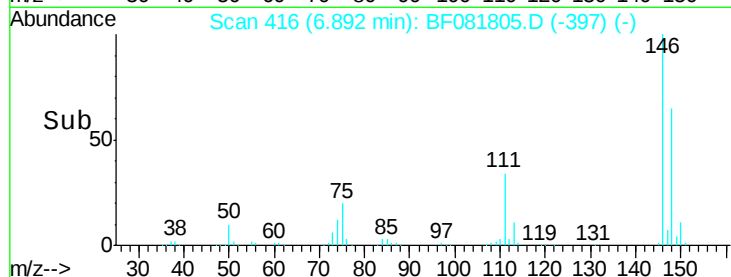
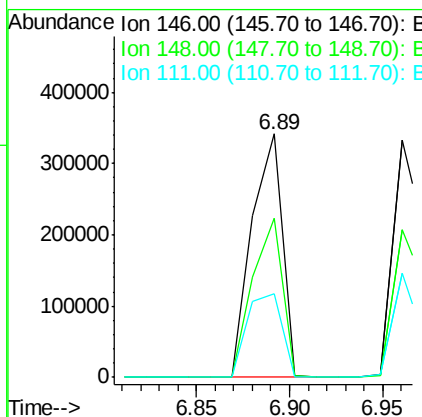
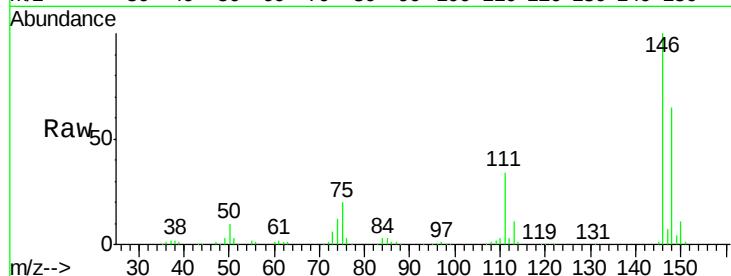




#13
 1,4-Dichlorobenzene
 Concen: 36.47 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.08 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

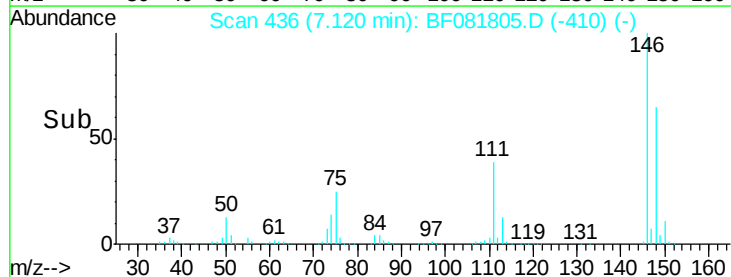
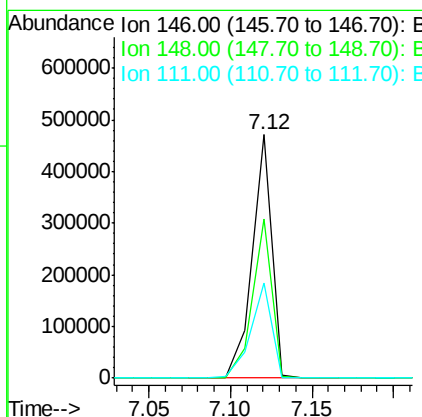
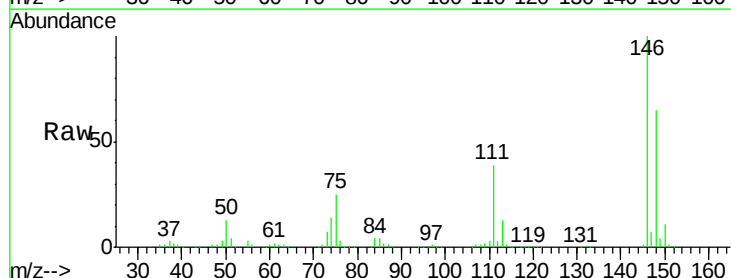
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

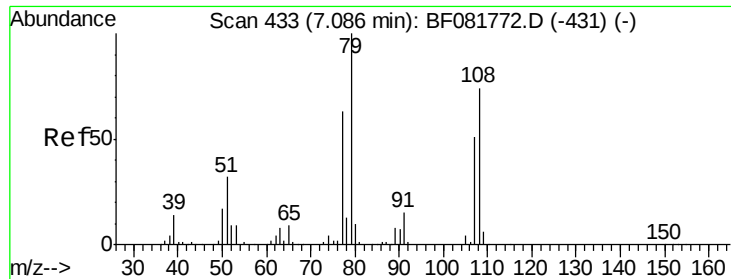
Tgt Ion:146 Resp: 392470
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.8 77.6
 111 34.3 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 39.09 ng
 RT: 7.12 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:146 Resp: 391415
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 39.2 28.8 43.2





#15

Benzyl Alcohol

Concen: 37.03 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

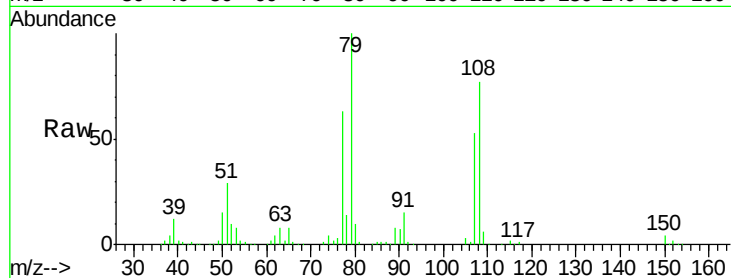
Tgt Ion: 79 Resp: 301327

Ion Ratio Lower Upper

79 100

108 76.5 88.6 132.8#

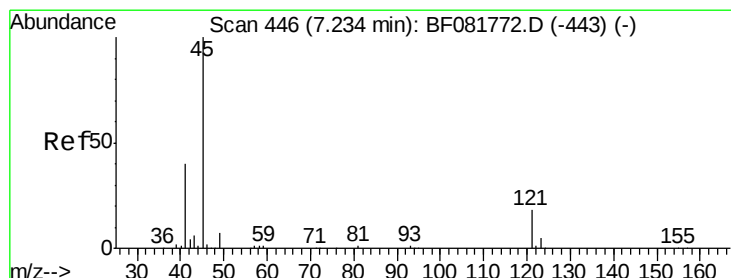
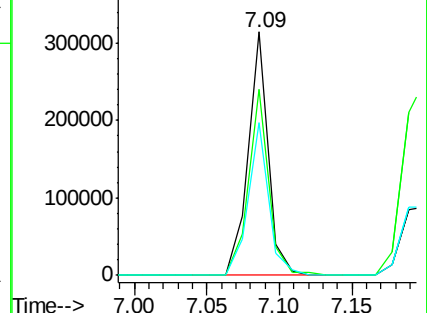
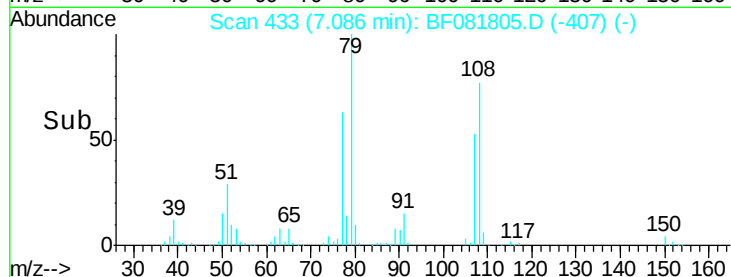
77 62.9 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.19 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

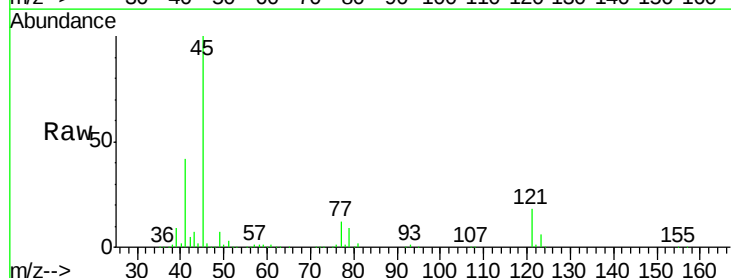
Tgt Ion: 45 Resp: 529136

Ion Ratio Lower Upper

45 100

77 12.3 0.0 28.1

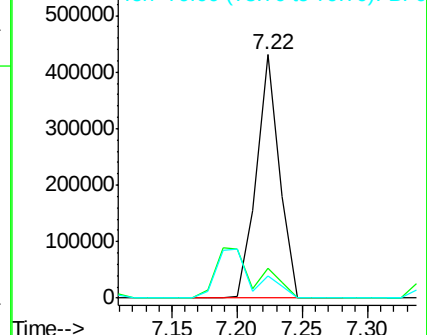
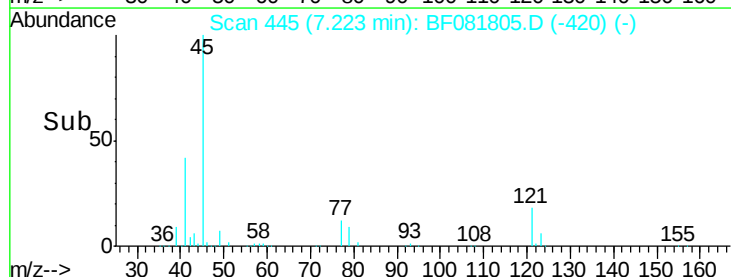
79 9.3 0.0 26.0

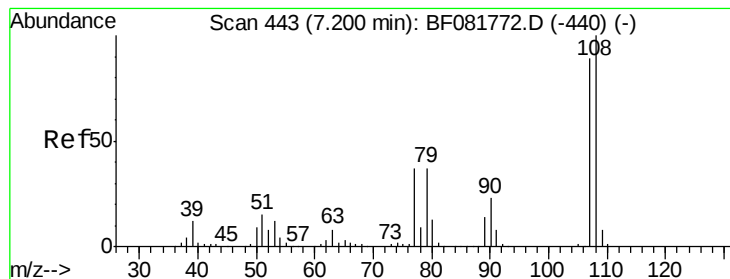


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.14 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:107 Resp: 297169

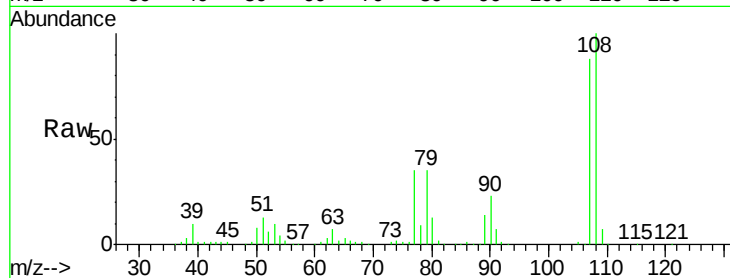
Ion Ratio Lower Upper

107 100

108 113.8 96.6 145.0

77 39.6 23.3 34.9#

79 39.6 22.0 33.0#



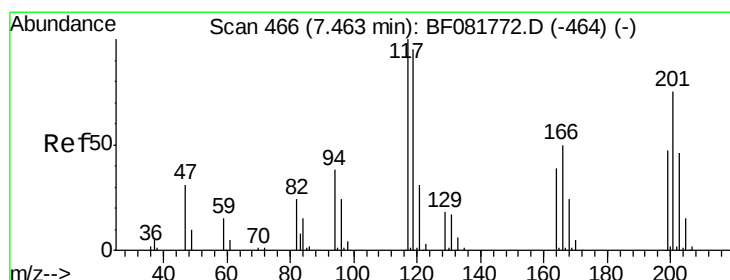
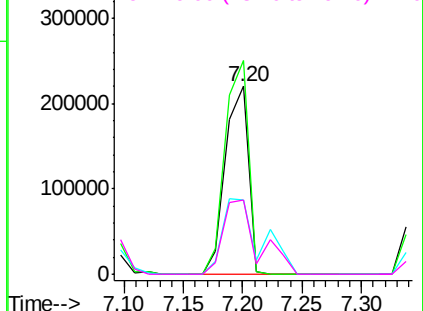
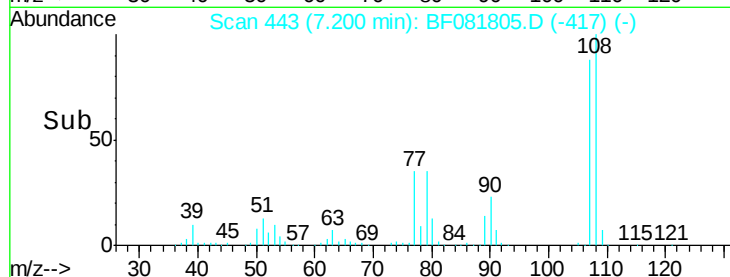
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.84 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

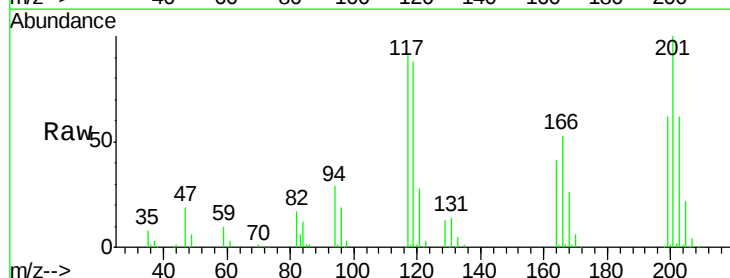
Tgt Ion:117 Resp: 139635

Ion Ratio Lower Upper

117 100

119 95.8 83.8 125.6

201 109.4 55.1 82.7#

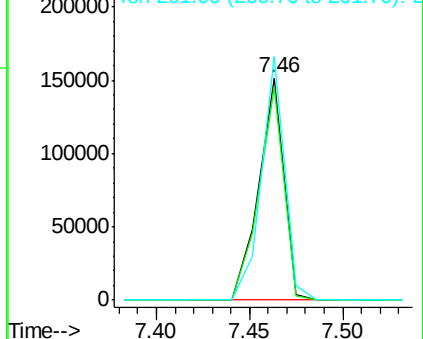
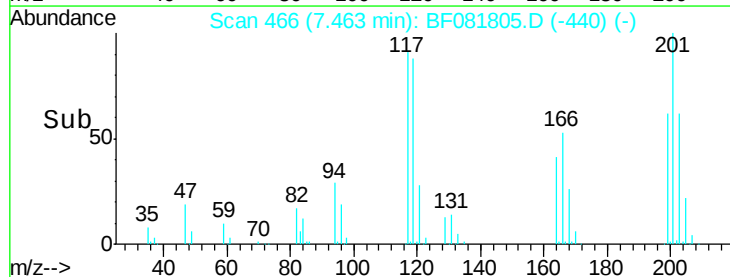


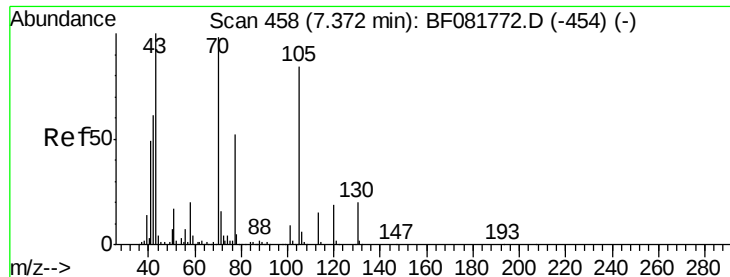
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

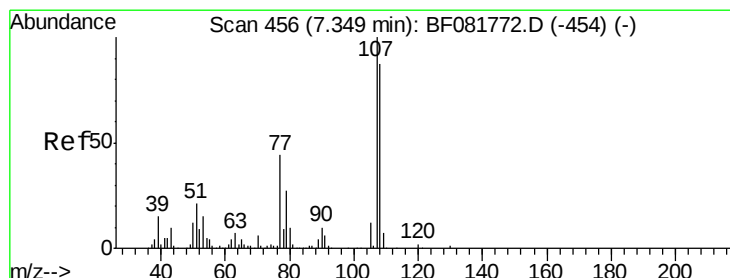
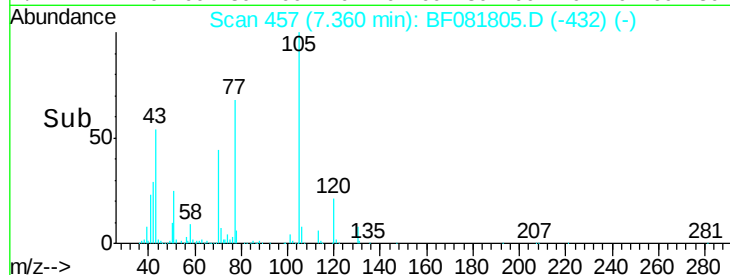
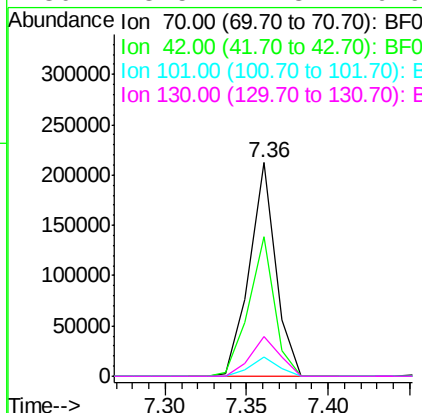
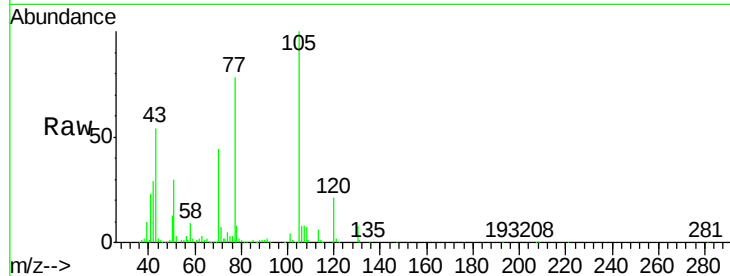




#19
n-Nitroso-di-n-propylamine
Concen: 34.65 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

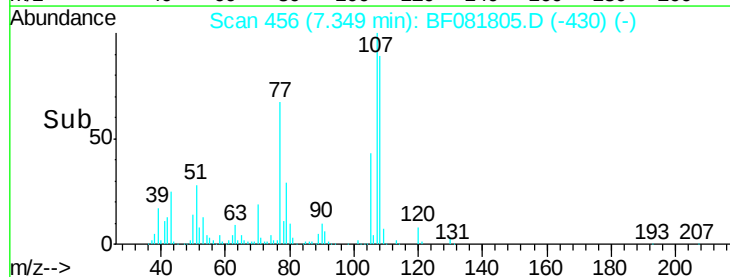
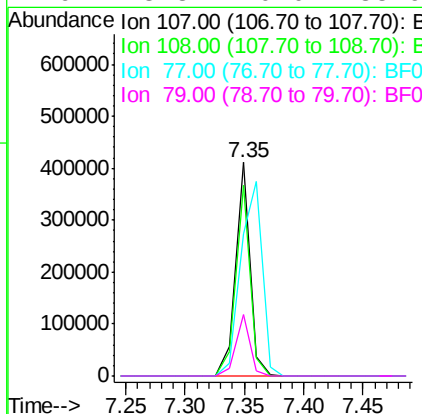
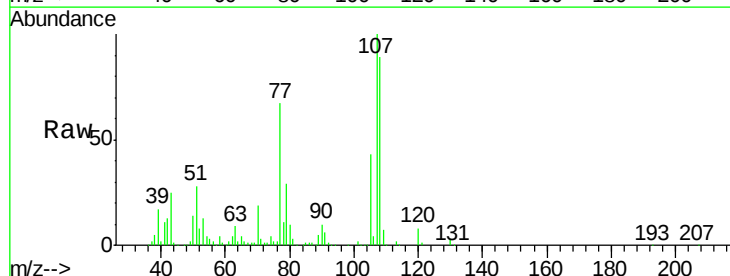
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

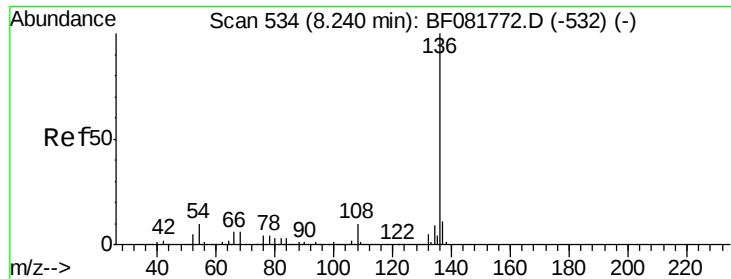
Tgt Ion: 70 Resp: 238343
Ion Ratio Lower Upper
70 100
42 65.0 63.8 95.6
101 8.9 9.2 13.8#
130 18.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 36.49 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion: 107 Resp: 348037
Ion Ratio Lower Upper
107 100
108 89.1 74.6 114.6
77 66.8 0.7 40.7#
79 28.8 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:136 Resp: 531339

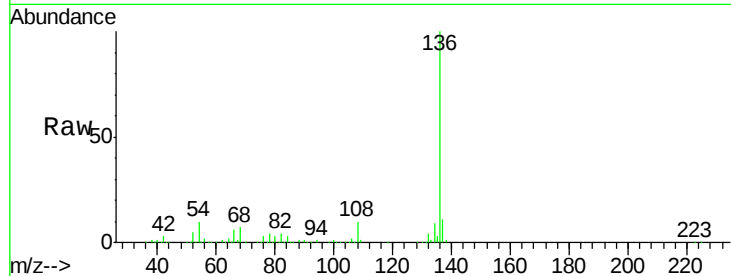
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 10.4 8.2 12.2

68 6.6 5.8 8.6

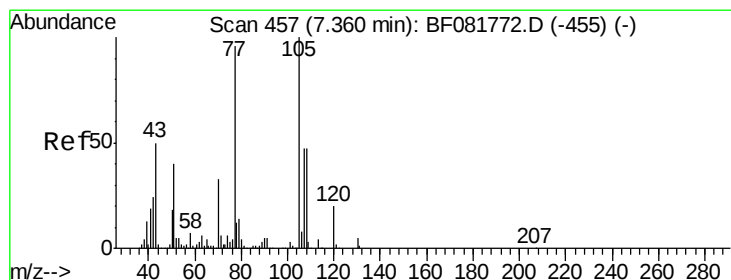
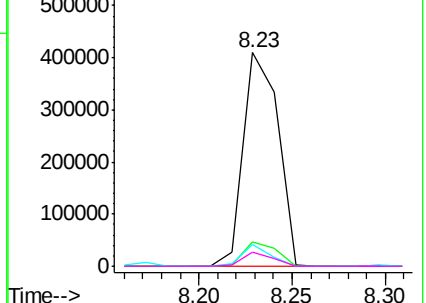
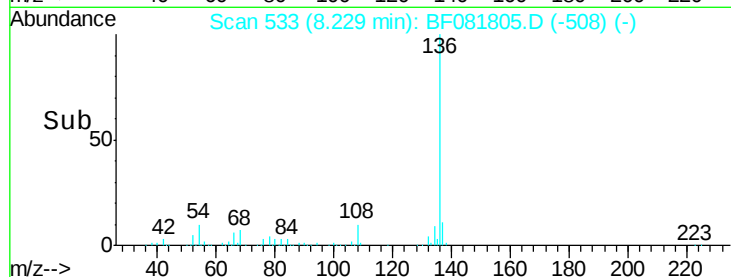


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.16 ng

RT: 7.36 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Tgt Ion:105 Resp: 479631

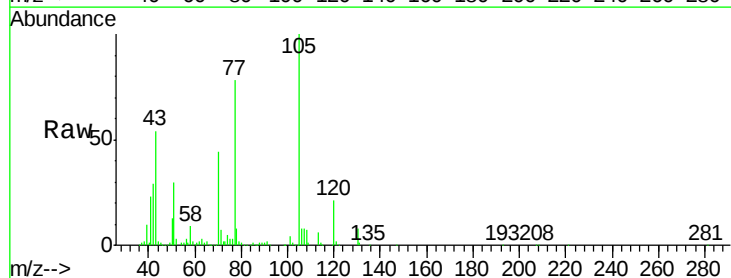
Ion Ratio Lower Upper

105 100

71 7.3 4.7 7.1#

51 29.7 22.0 33.0

120 21.0 30.1 45.1#

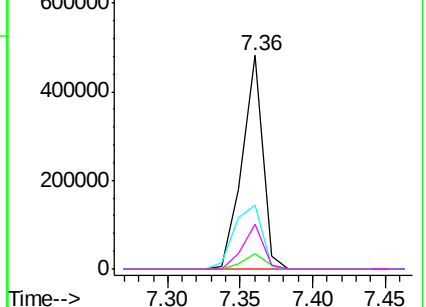
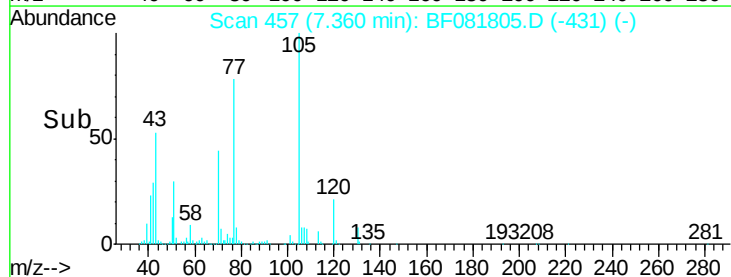


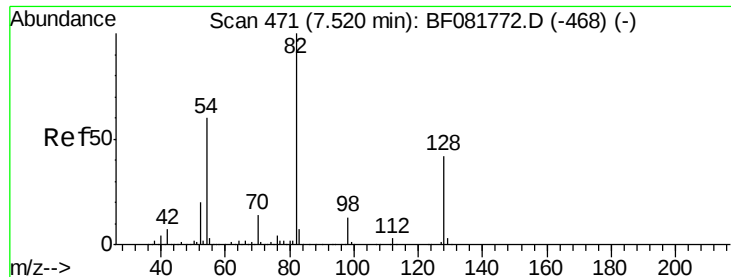
Abundance Ion 105.00 (104.70 to 105.70): E

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

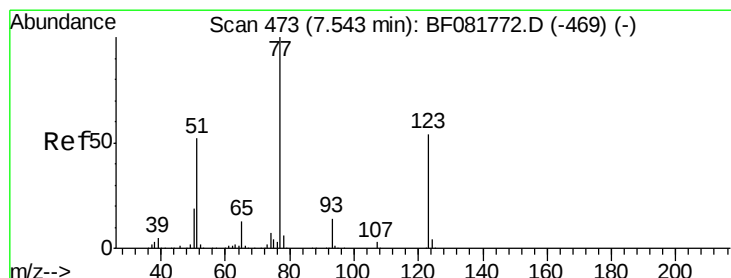
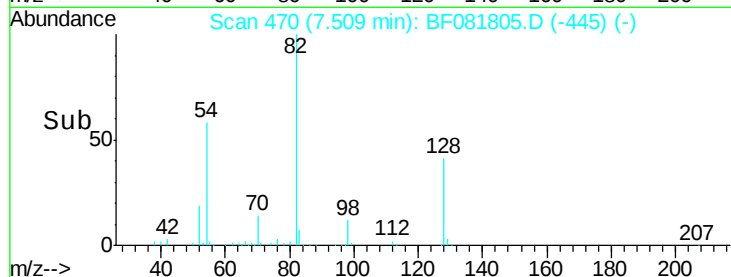
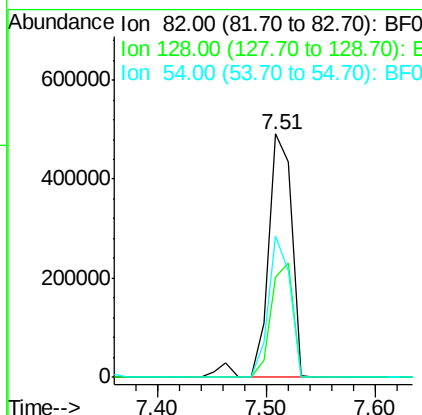
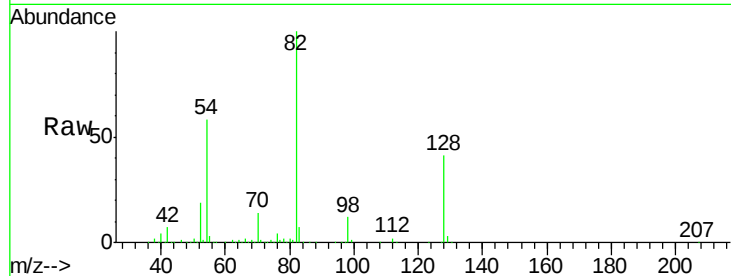




#23
 Nitrobenzene-d5
 Concen: 91.96 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

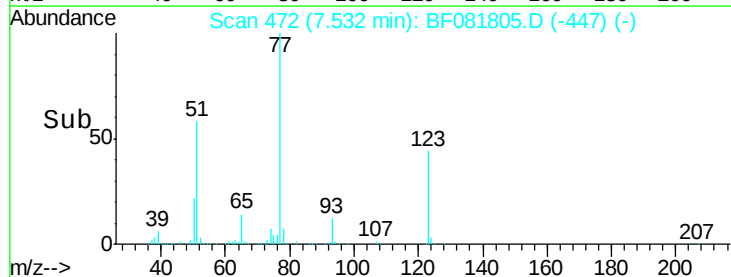
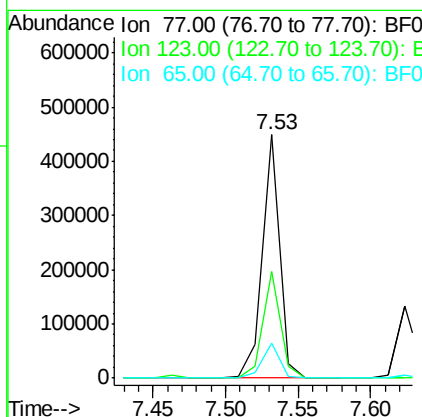
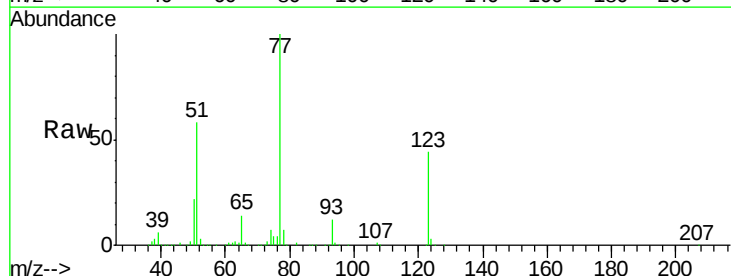
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

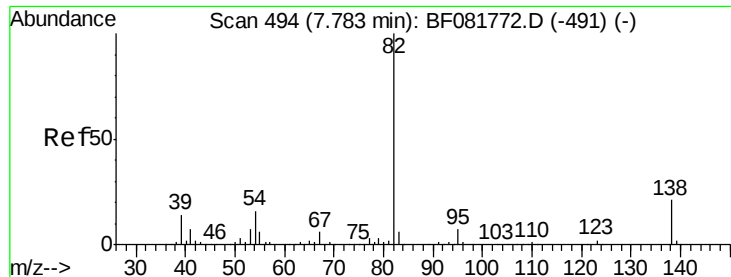
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	51.0	76.6#
54	58.2	47.5	71.3



#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	59.8	89.8#
65	14.1	10.2	15.4

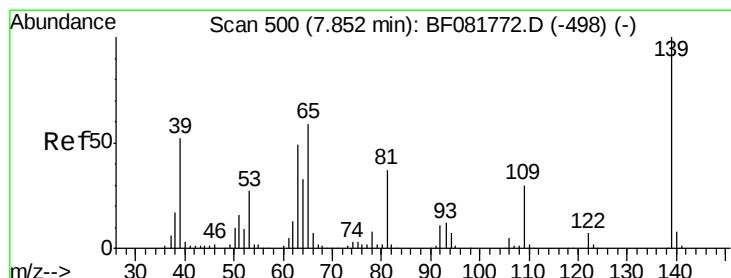
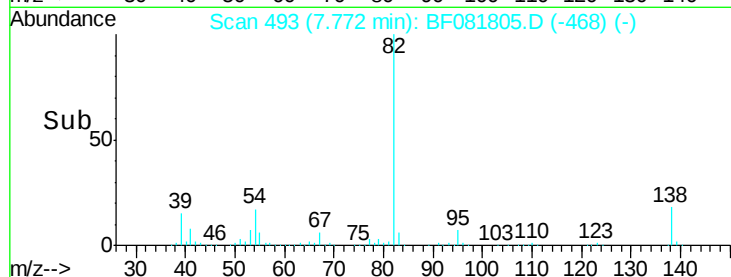
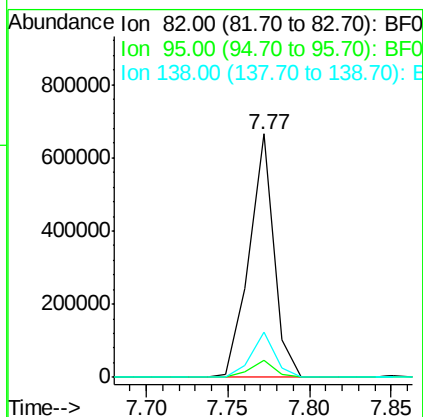
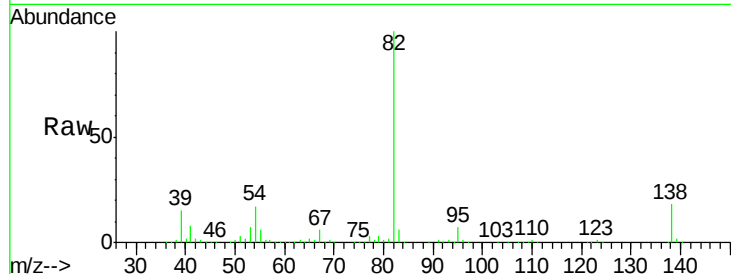




#25
Isophorone
Concen: 39.18 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

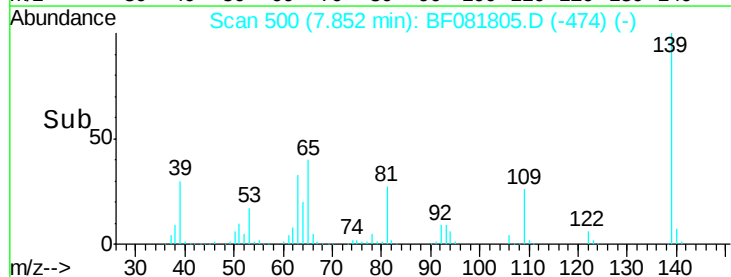
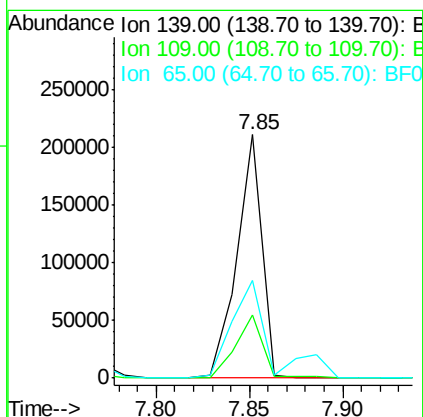
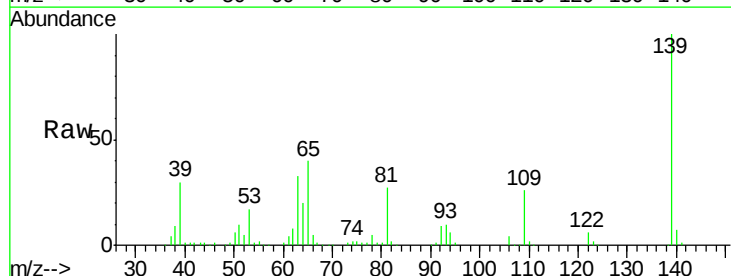
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

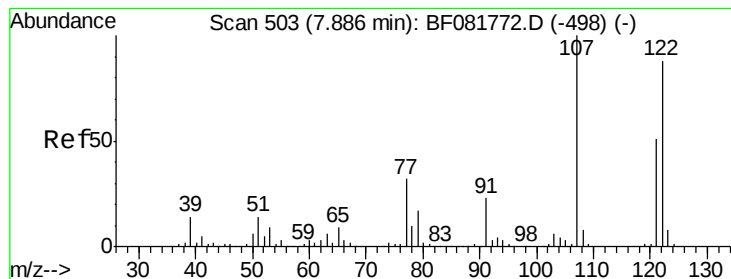
Tgt Ion: 82 Resp: 698921
Ion Ratio Lower Upper
82 100
95 7.0 4.0 6.0#
138 18.4 18.3 27.5



#26
2-Nitrophenol
Concen: 60.78 ng
RT: 7.85 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion: 139 Resp: 198350
Ion Ratio Lower Upper
139 100
109 25.8 11.0 16.4#
65 40.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 39.31 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

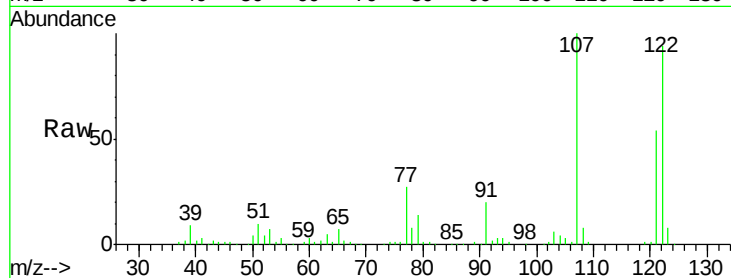
Tgt Ion:122 Resp: 318082

Ion Ratio Lower Upper

122 100

107 106.7 71.8 107.6

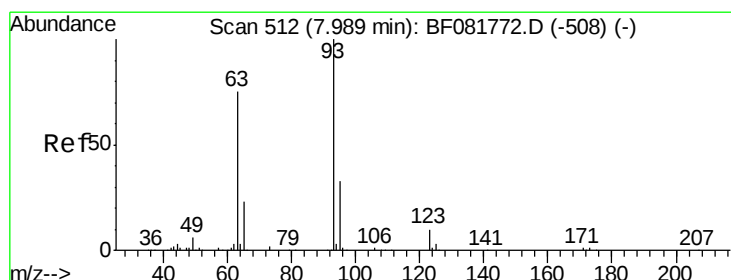
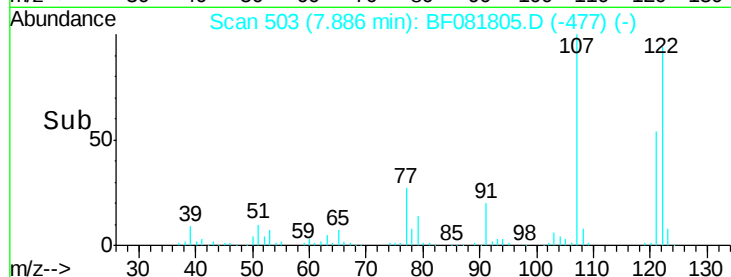
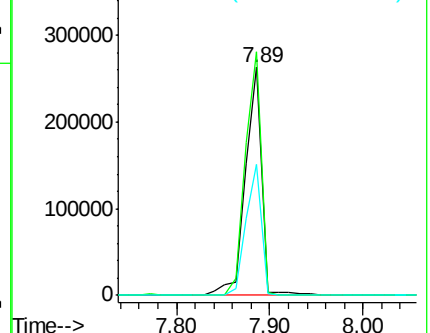
121 57.2 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.28 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

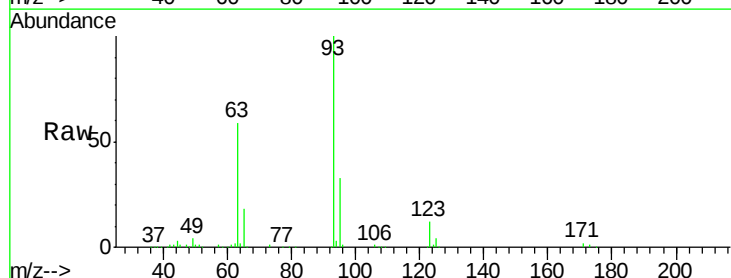
Tgt Ion: 93 Resp: 430232

Ion Ratio Lower Upper

93 100

95 33.4 27.5 41.3

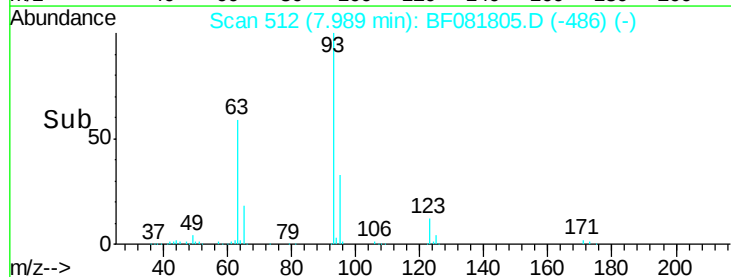
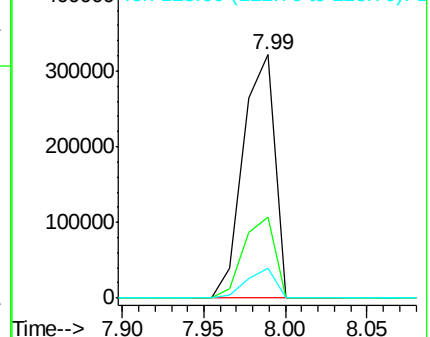
123 12.1 13.7 20.5#

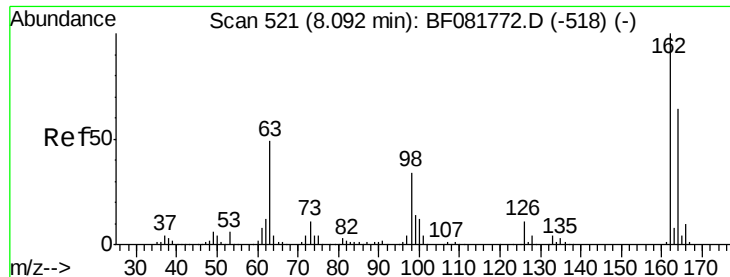


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

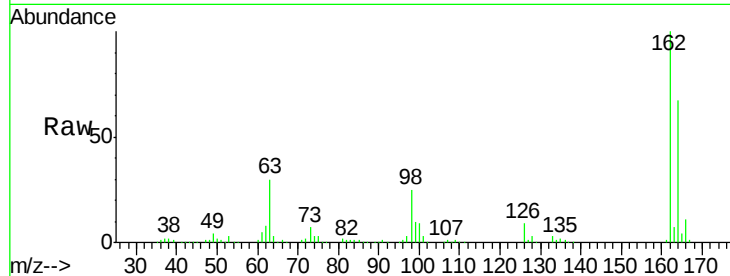




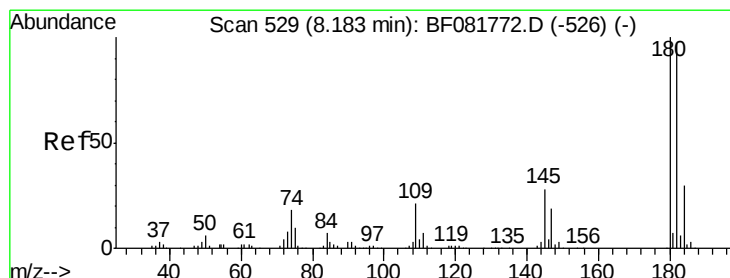
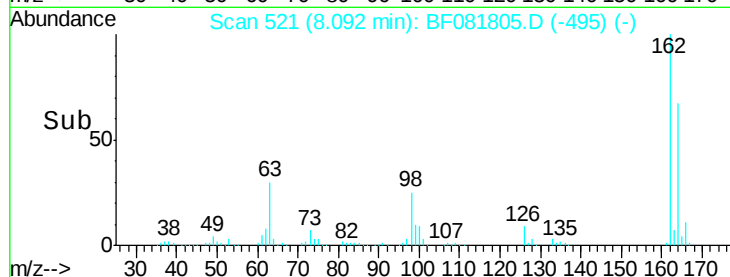
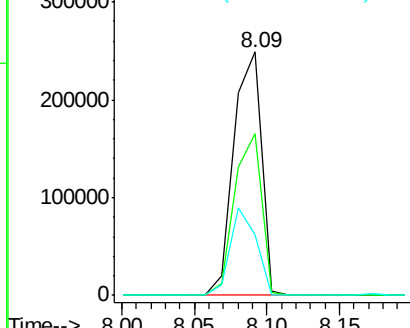
#29
 2,4-Dichlorophenol
 Concen: 43.88 ng
 RT: 8.09 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.9	84.9
98	25.1	13.0	53.0

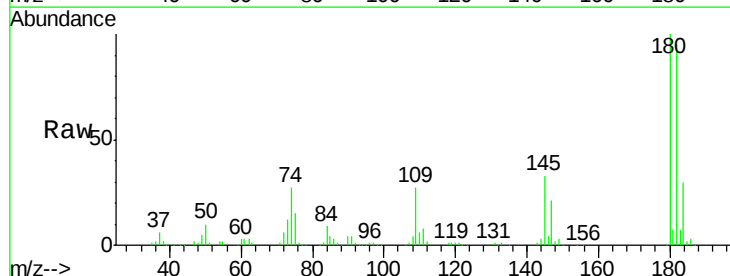


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

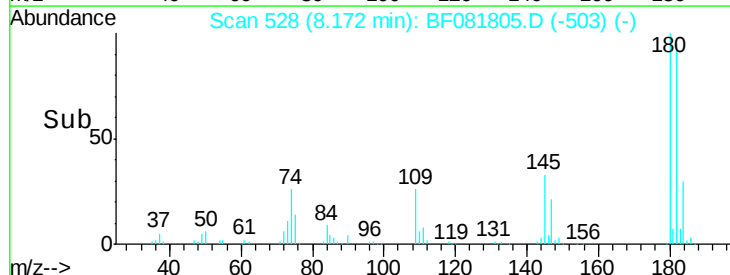
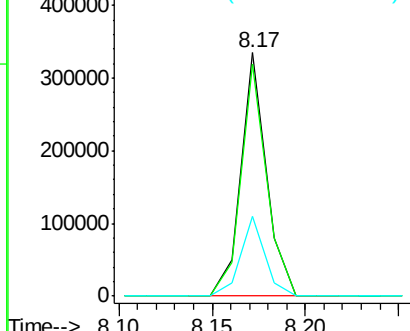


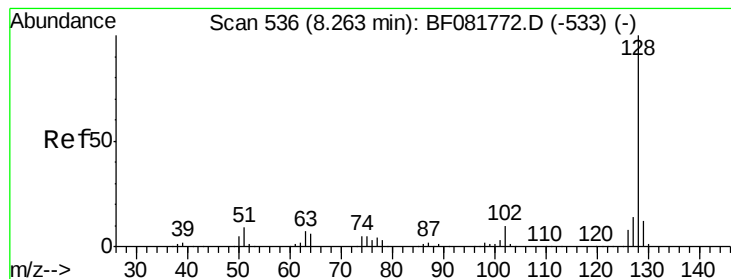
#30
 1,2,4-Trichlorobenzene
 Concen: 37.71 ng
 RT: 8.17 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	32.6	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: 39.58 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

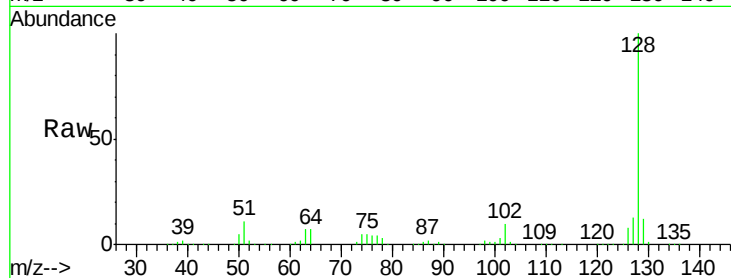
Tgt Ion:128 Resp: 970299

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

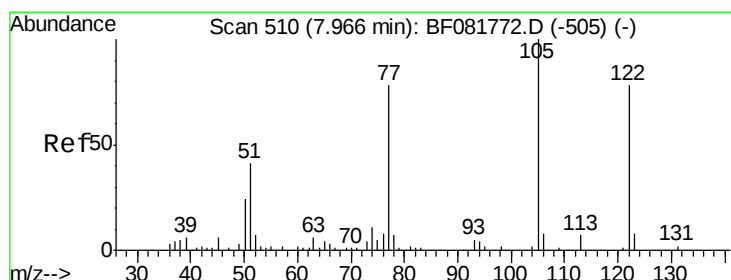
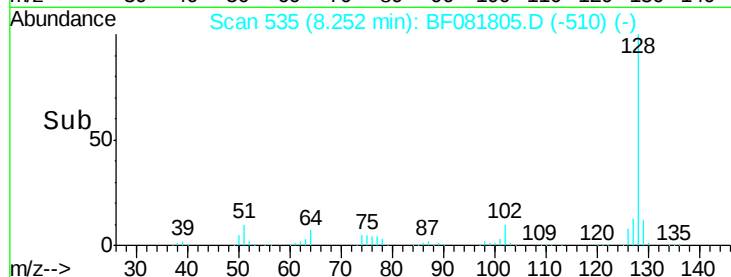
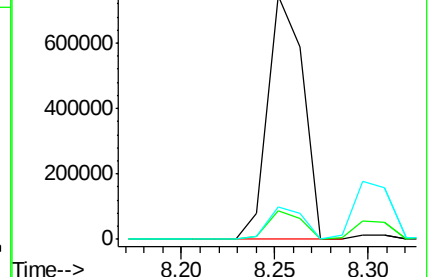
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 201.91 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

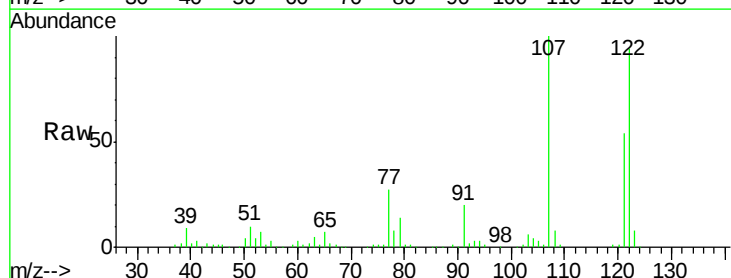
Tgt Ion:122 Resp: 318082

Ion Ratio Lower Upper

122 100

105 3.3 76.1 116.1#

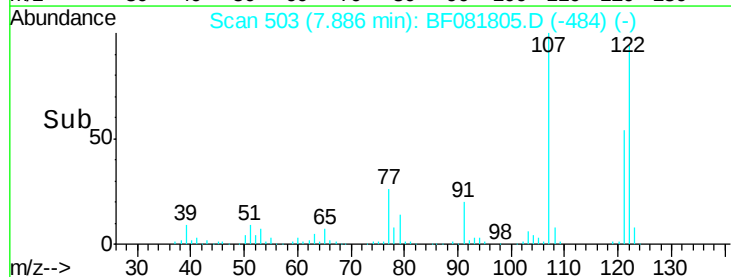
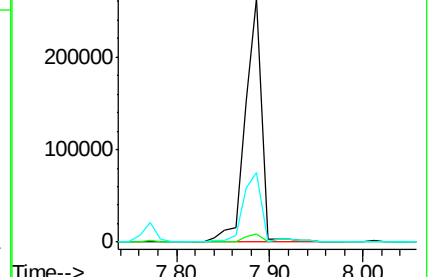
77 28.5 40.5 80.5#

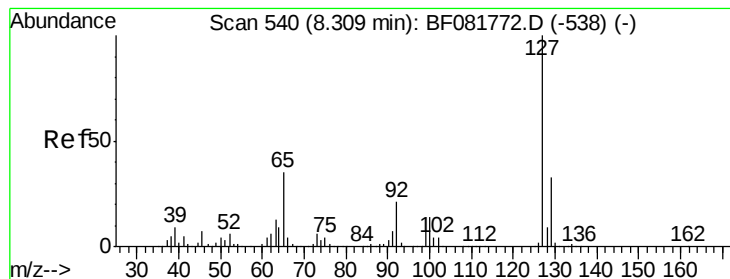


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.53 ng

RT: 8.30 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

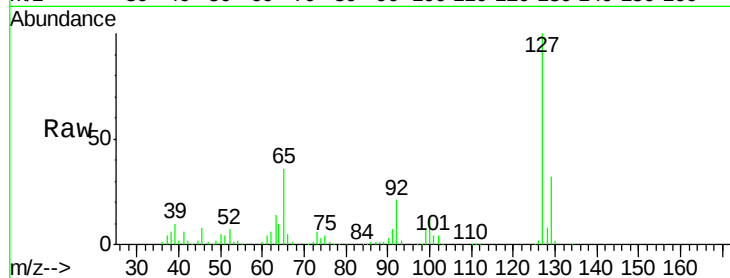
Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:	127	Resp:	242335
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	36.3	17.9	26.9#
92	21.0	10.5	15.7#

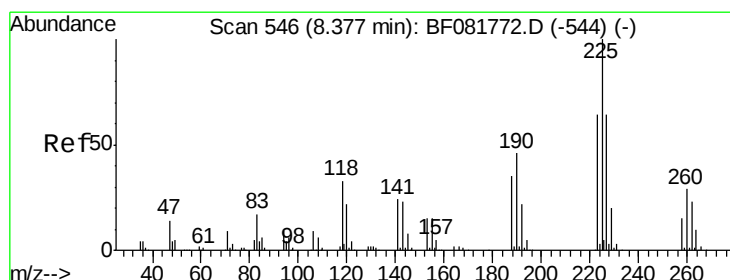
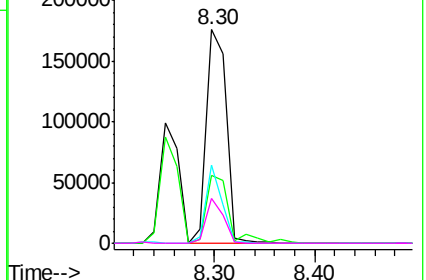
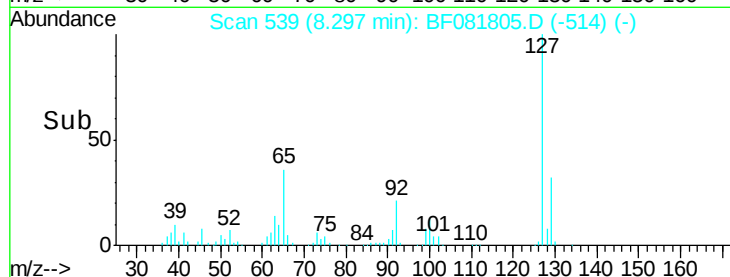


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.41 ng

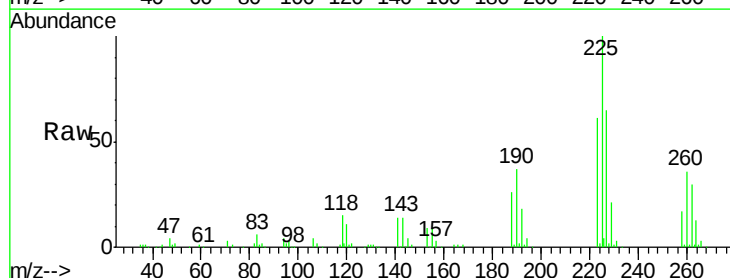
RT: 8.38 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

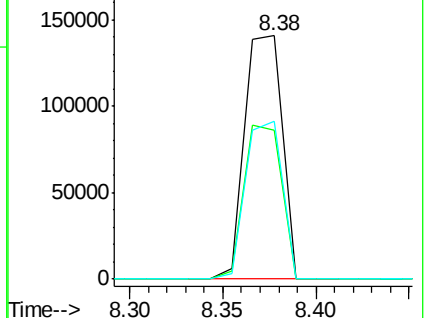
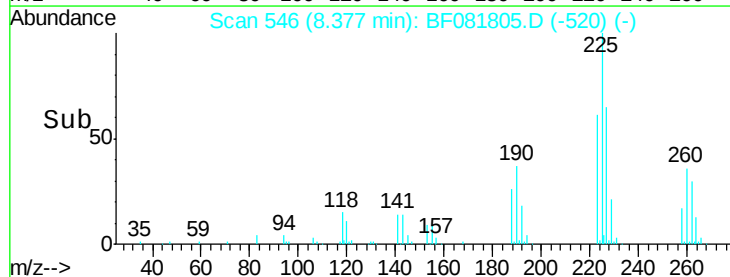
Tgt Ion:	225	Resp:	196506
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.2	75.2
227	64.6	52.2	78.2

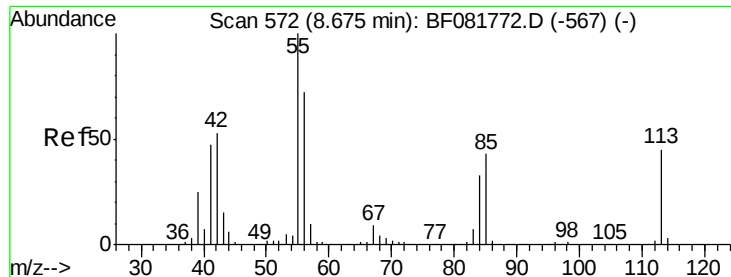


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

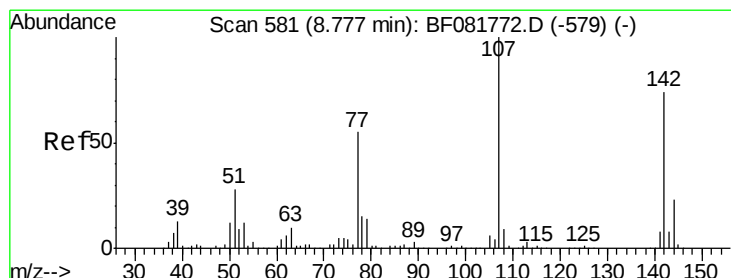
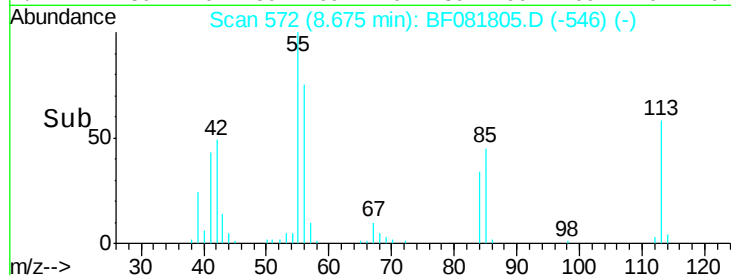
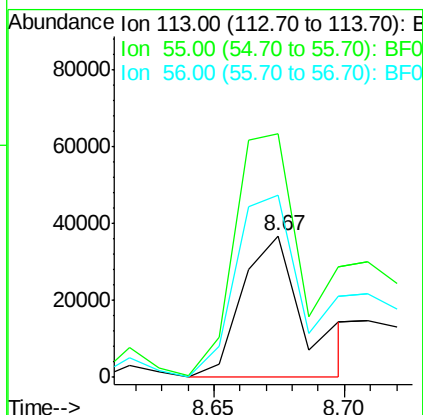
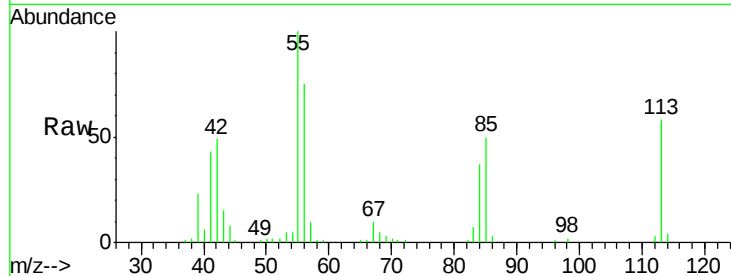




#35
 Caprolactam
 Concen: 30.70 ng
 RT: 8.67 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

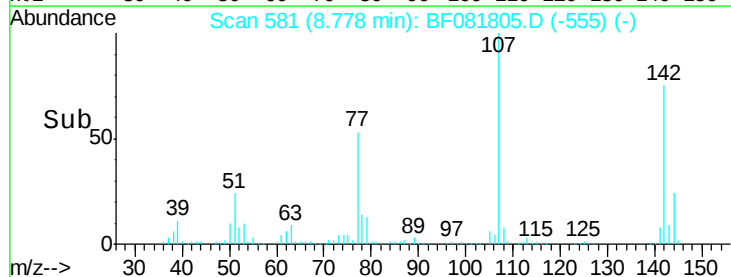
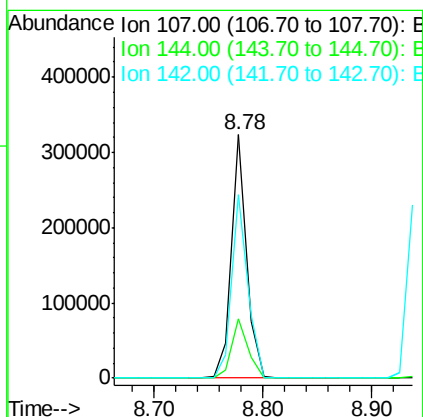
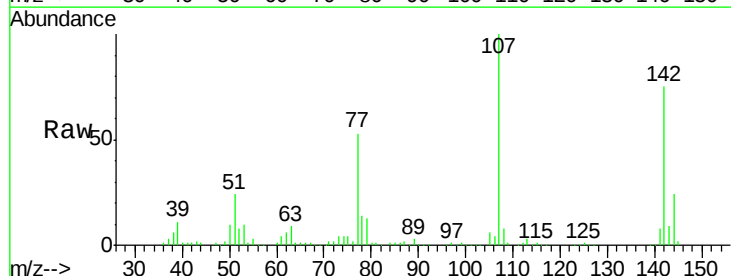
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

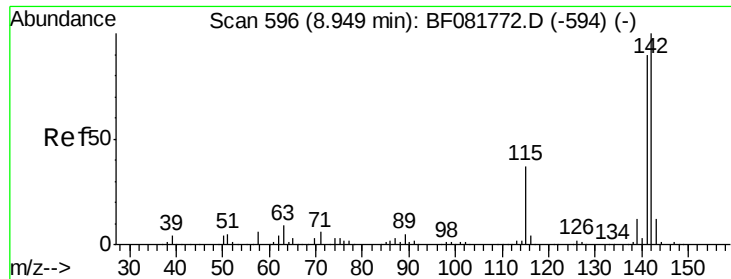
Tgt Ion:113 Resp: 61777
 Ion Ratio Lower Upper
 113 100
 55 172.0 152.4 192.4
 56 128.3 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.91 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:107 Resp: 308787
 Ion Ratio Lower Upper
 107 100
 144 24.1 25.4 38.0#
 142 75.2 77.3 115.9#

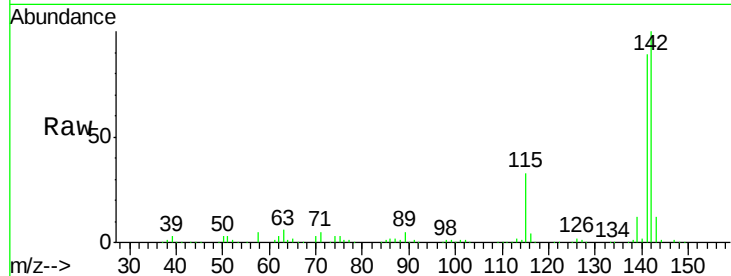




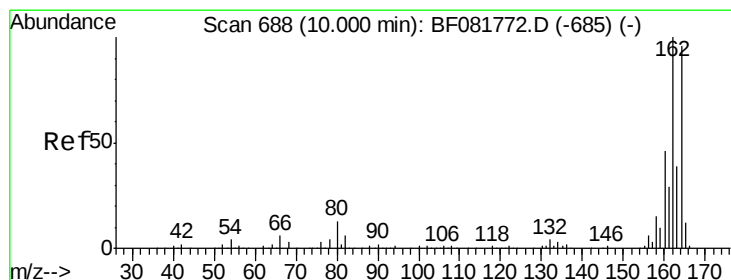
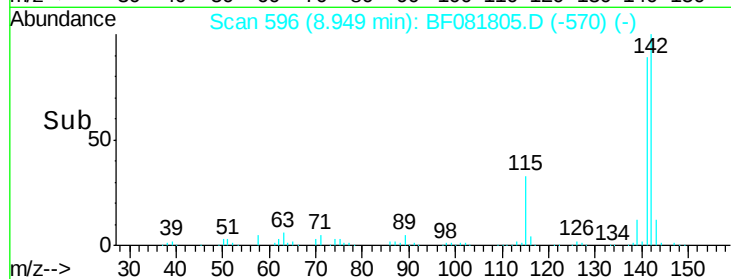
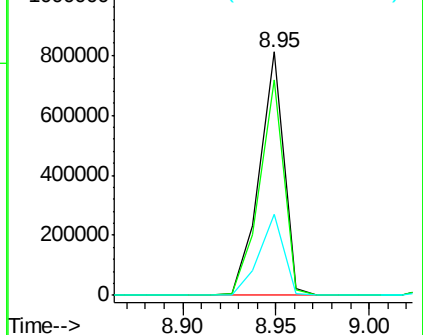
#37
 2-Methylnaphthalene
 Concen: 42.01 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion:142 Resp: 733762
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.5 101.3
 115 33.4 18.2 27.2#

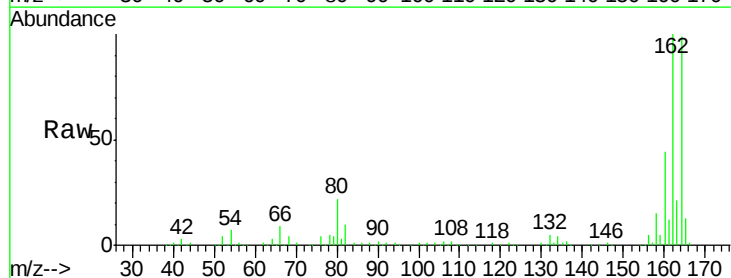


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

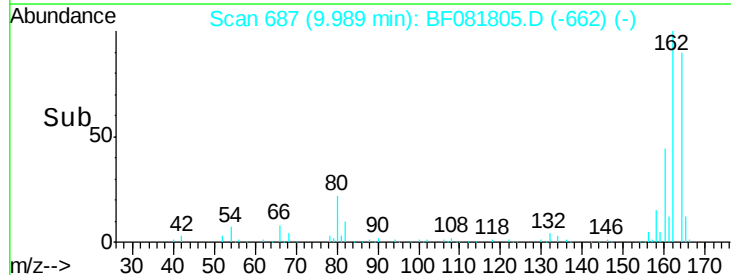
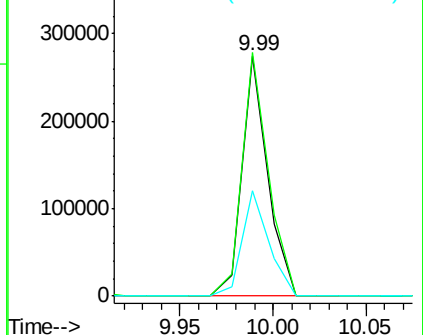


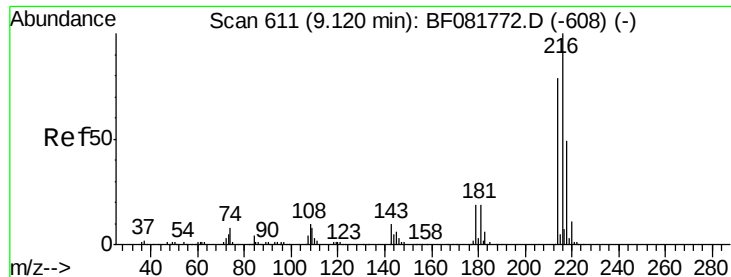
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:164 Resp: 261645
 Ion Ratio Lower Upper
 164 100
 162 101.3 75.2 112.8
 160 44.1 31.5 47.3



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

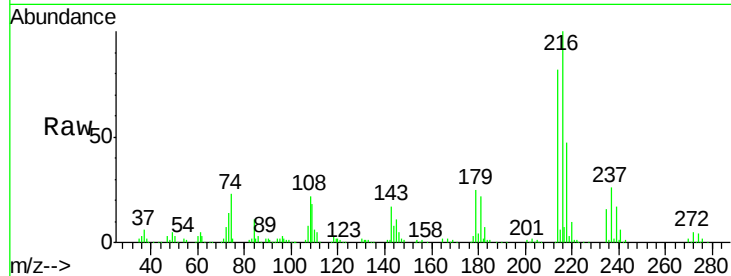




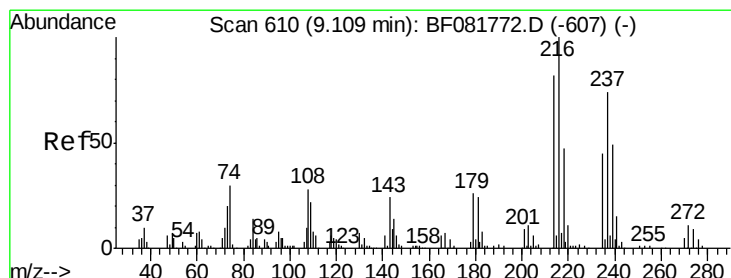
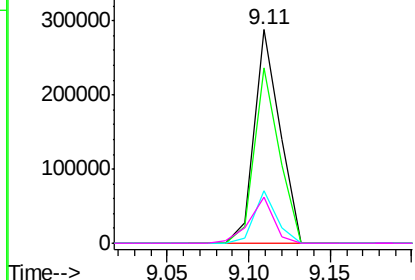
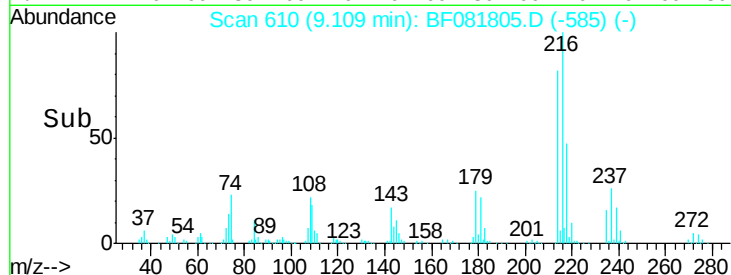
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.56 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion:	216	Resp:	313655
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.5	95.3
179	21.5	16.6	24.8
108	20.4	16.3	24.5

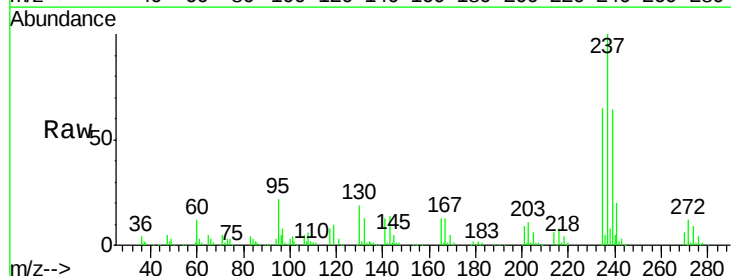


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

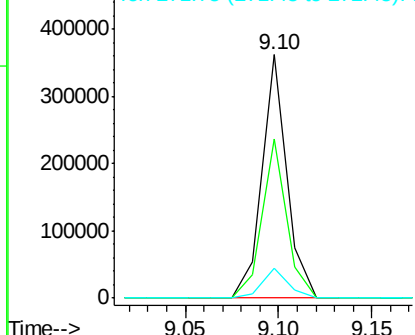
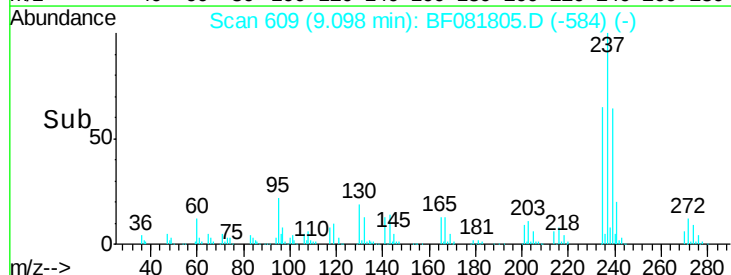


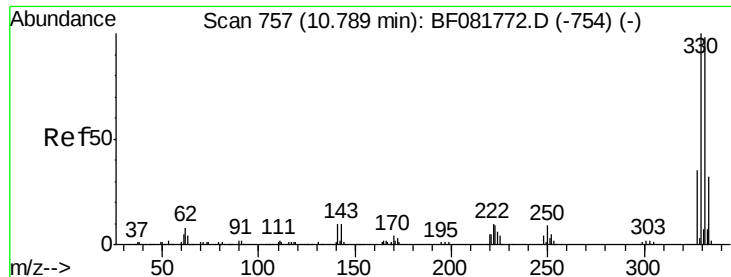
#40
 Hexachlorocyclopentadiene
 Concen: 94.19 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:	237	Resp:	337080
Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.0	82.0
272	12.0	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

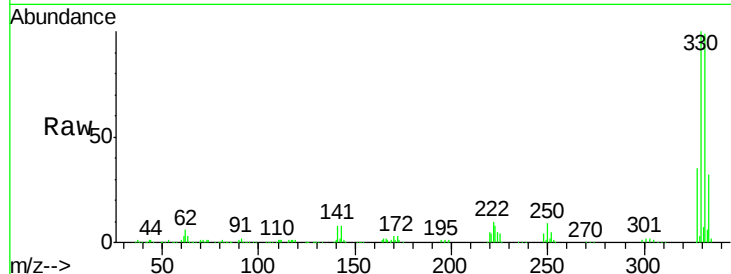




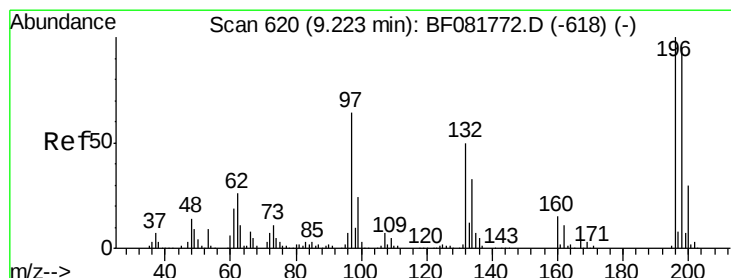
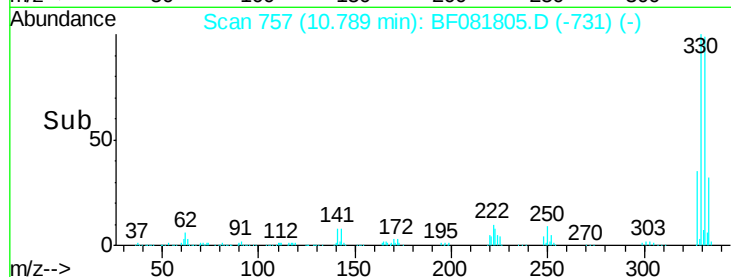
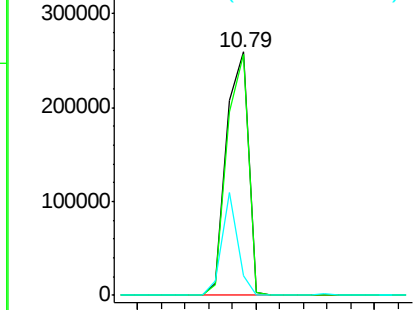
#41
 2,4,6-Tribromophenol
 Concen: 146.52 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion:330 Resp: 332832
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 30.5 29.7 44.5

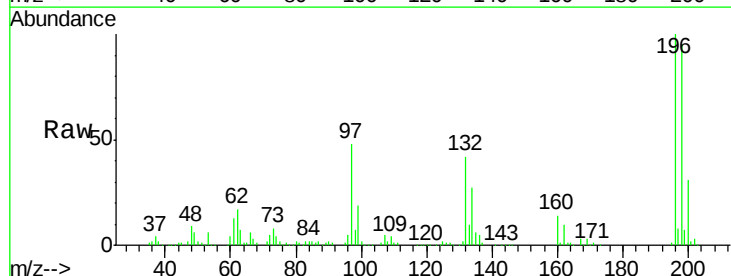


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

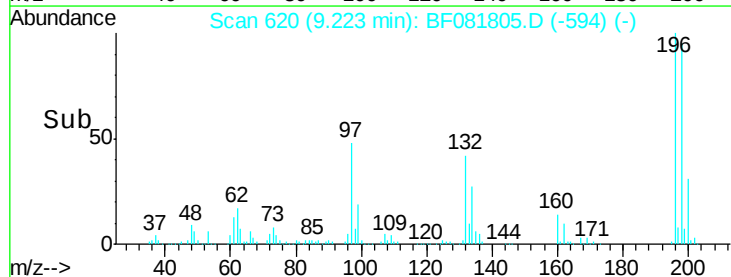
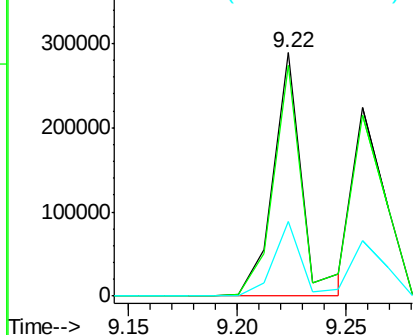


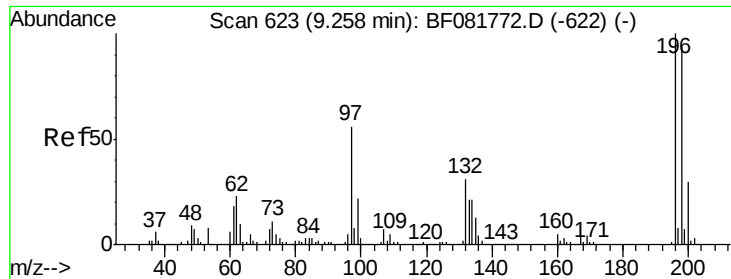
#42
 2,4,6-Trichlorophenol
 Concen: 48.37 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:196 Resp: 266127
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.8 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

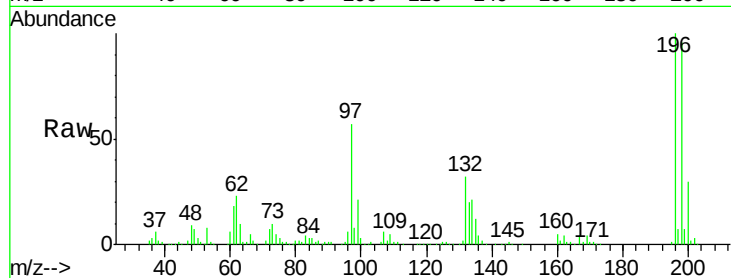




#43
 2,4,5-Trichlorophenol
 Concen: 42.51 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.4	113.0
97	56.7	33.3	49.9
132	31.7	24.6	37.0



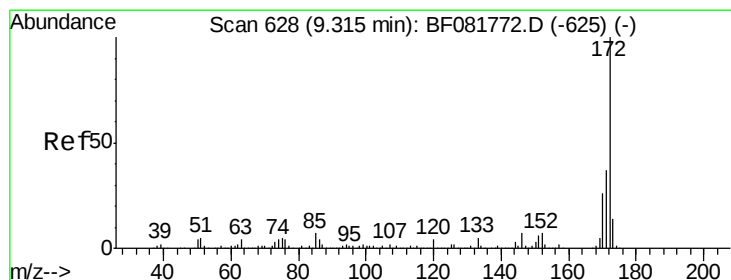
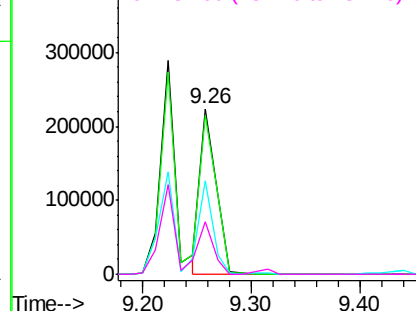
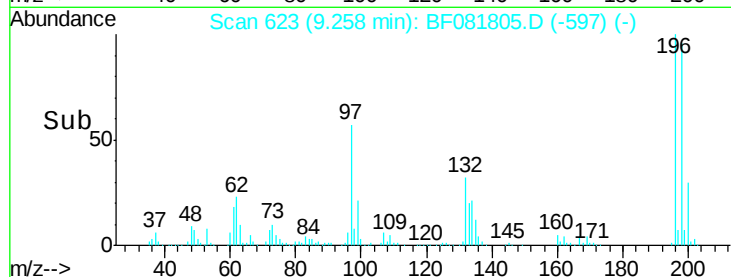
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

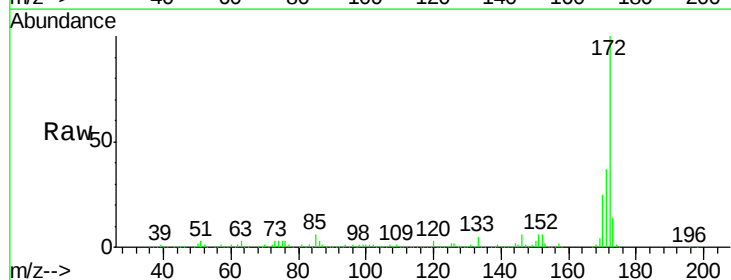
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.91 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.3	17.4	26.2

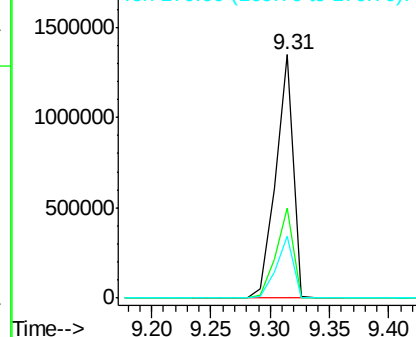
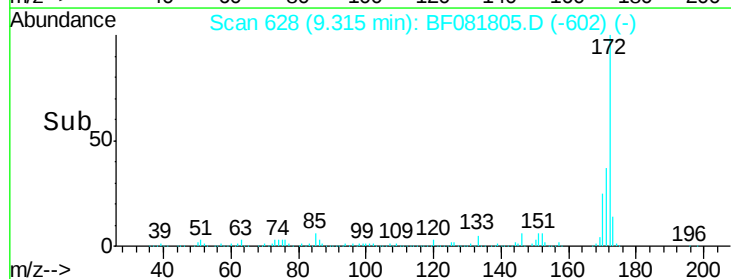


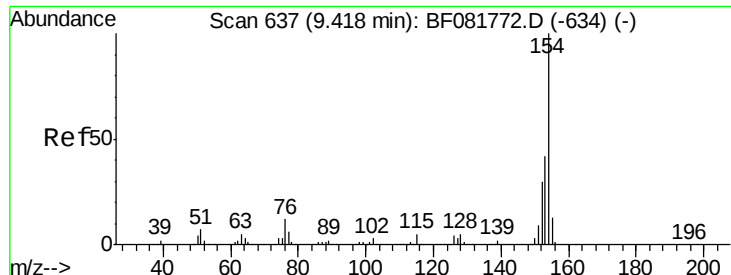
Abundance

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: 42.35 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

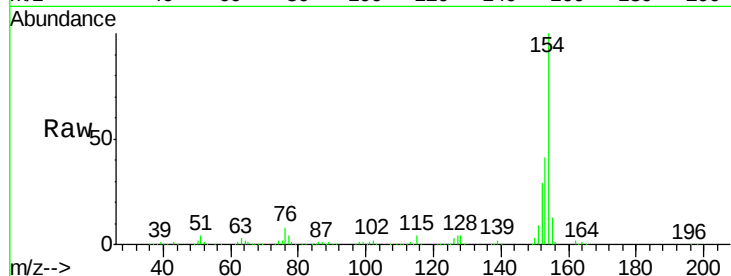
Tgt Ion:154 Resp: 866447

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

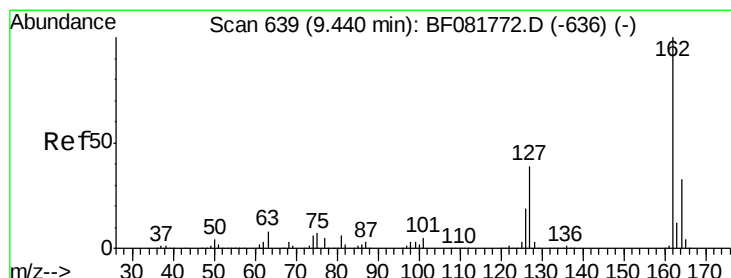
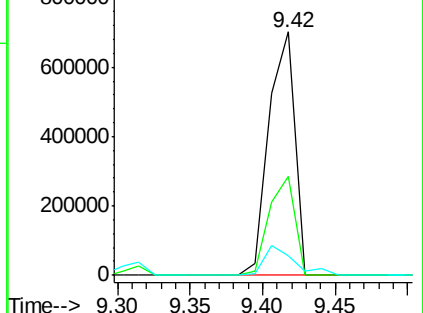
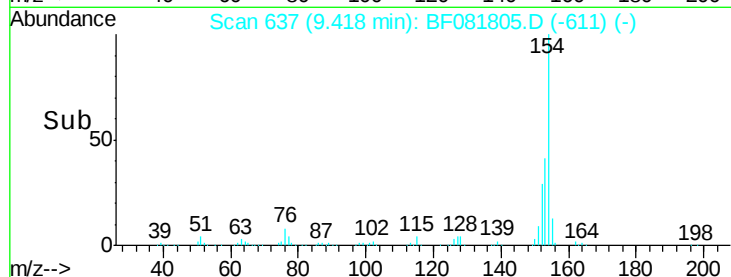
76 7.9 0.0 31.6



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: 43.25 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

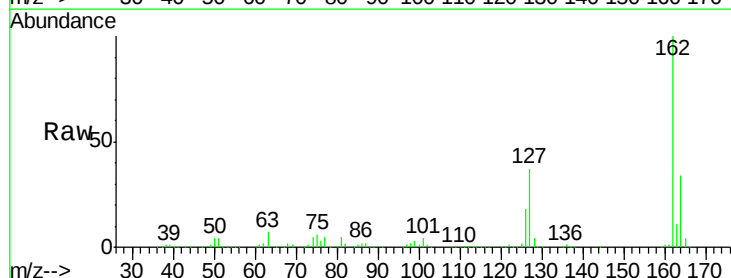
Tgt Ion:162 Resp: 711825

Ion Ratio Lower Upper

162 100

127 36.7 27.6 41.4

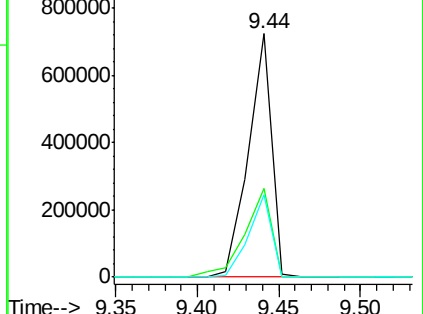
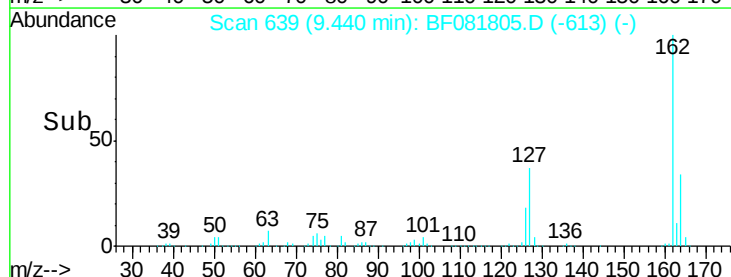
164 33.6 25.4 38.2

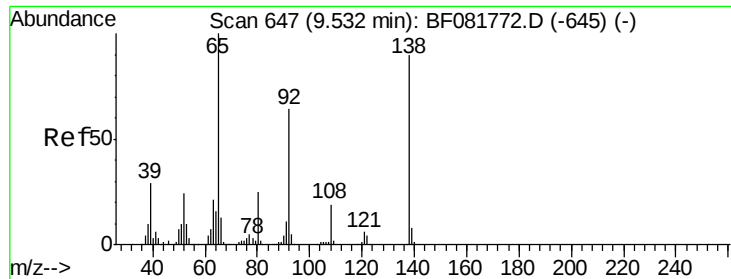


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

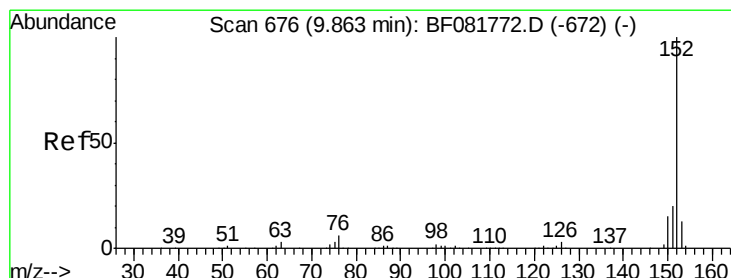
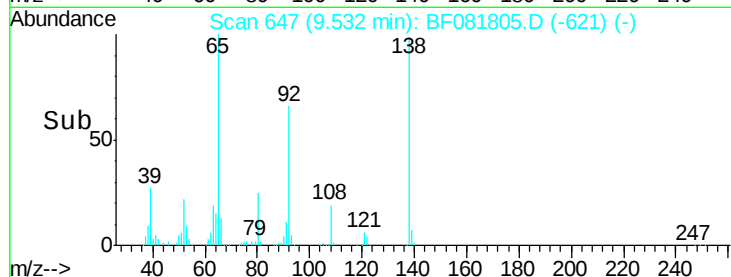
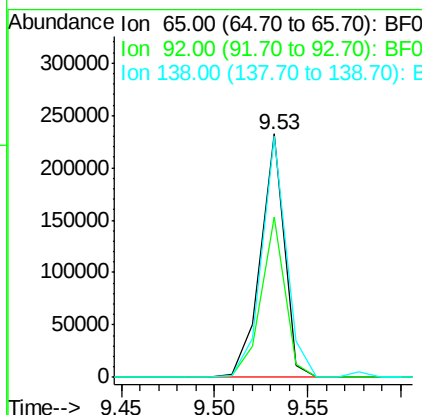
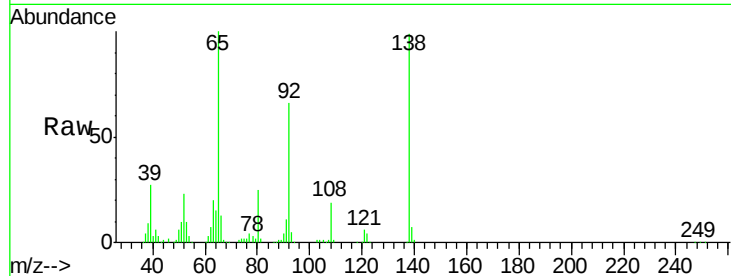




#47
2-Nitroaniline
Concen: 46.57 ng
RT: 9.53 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

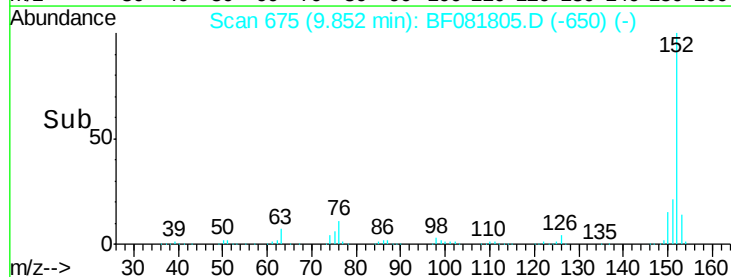
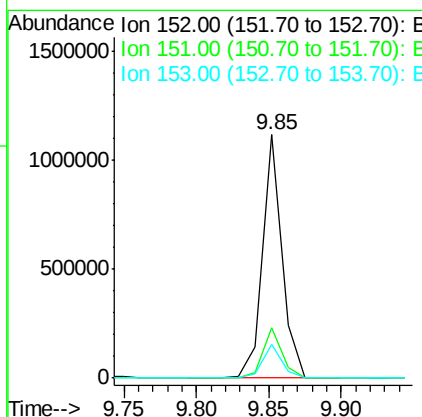
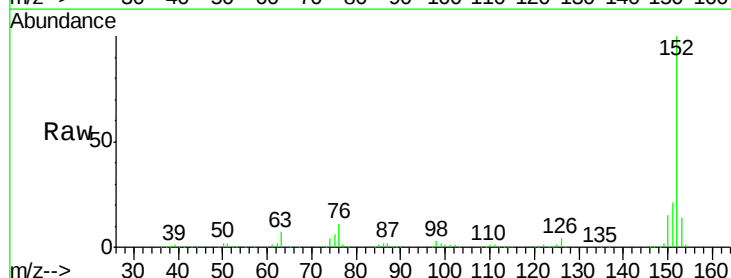
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

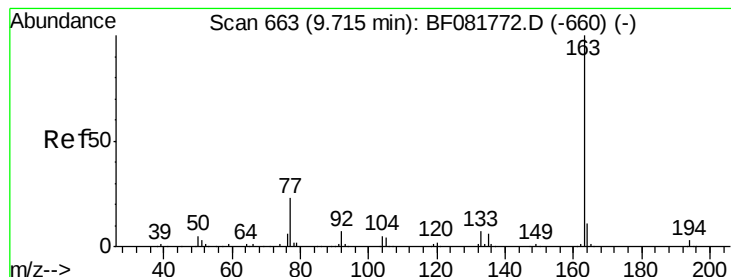
Tgt Ion: 65 Resp: 203813
Ion Ratio Lower Upper
65 100
92 66.0 55.4 83.0
138 98.8 115.5 173.3#



#48
Acenaphthylene
Concen: 37.30 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion: 152 Resp: 1038794
Ion Ratio Lower Upper
152 100
151 20.9 14.6 22.0
153 14.0 10.3 15.5





#49

Dimethylphthalate

Concen: 51.17 ng

RT: 9.71 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

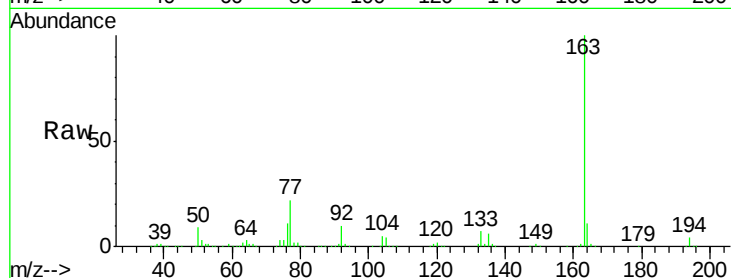
Tgt Ion:163 Resp: 1018815

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

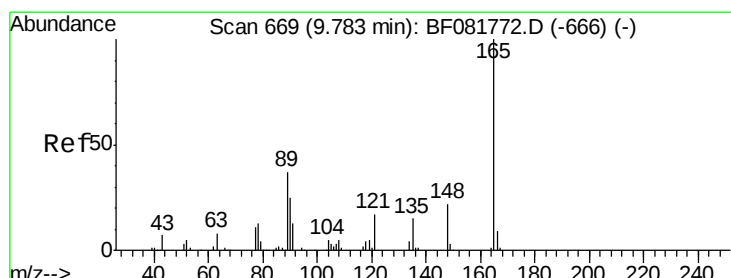
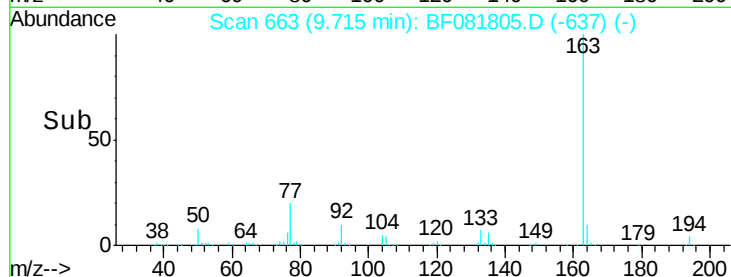
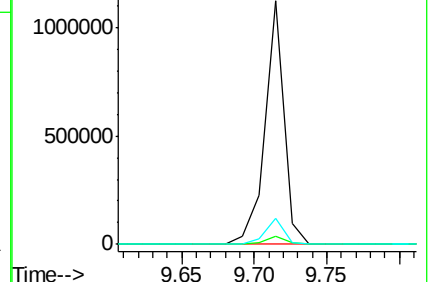
164 10.8 8.3 12.5



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: 43.64 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

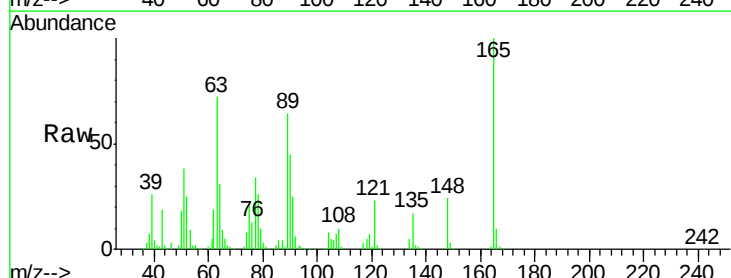
Tgt Ion:165 Resp: 167701

Ion Ratio Lower Upper

165 100

63 71.8 32.3 48.5#

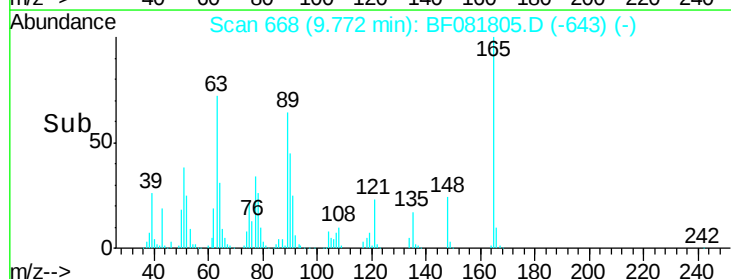
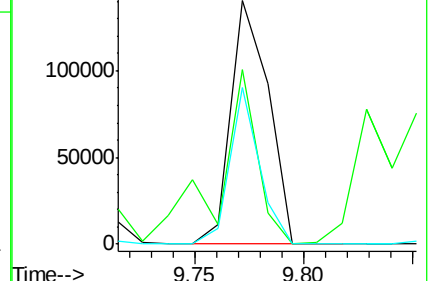
89 64.5 28.6 43.0#

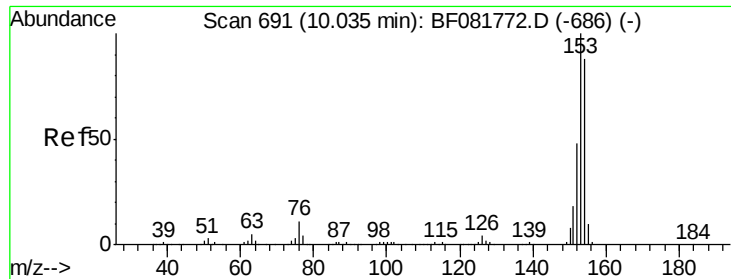


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.16 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

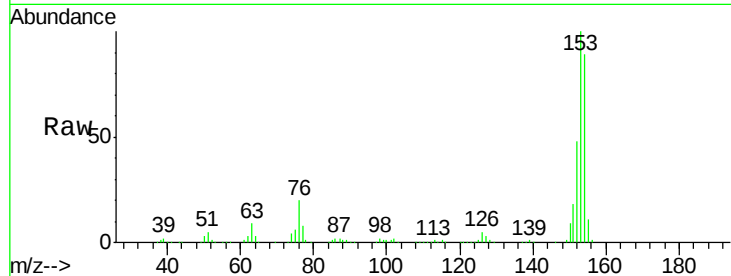
Tgt Ion:154 Resp: 596410

Ion Ratio Lower Upper

154 100

153 112.4 82.1 123.1

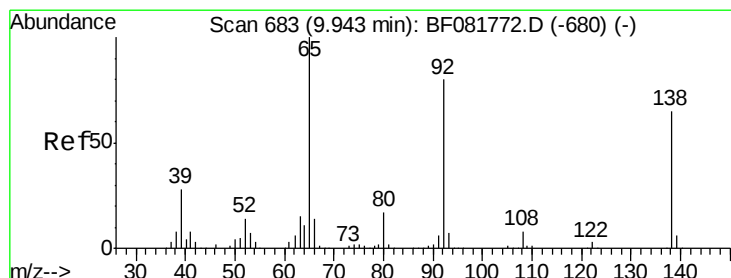
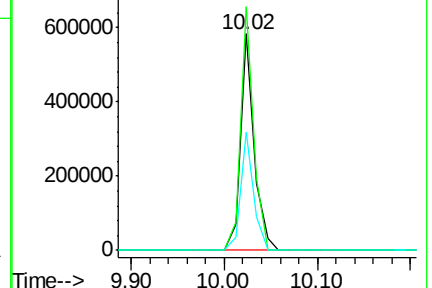
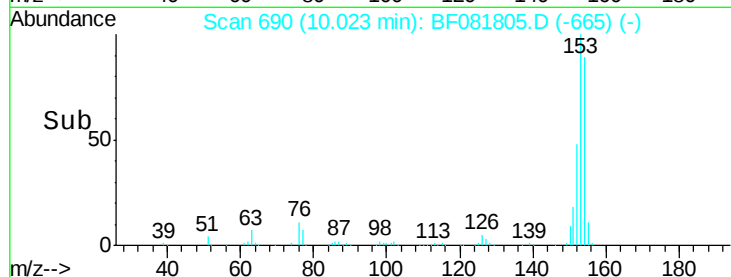
152 54.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.03 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

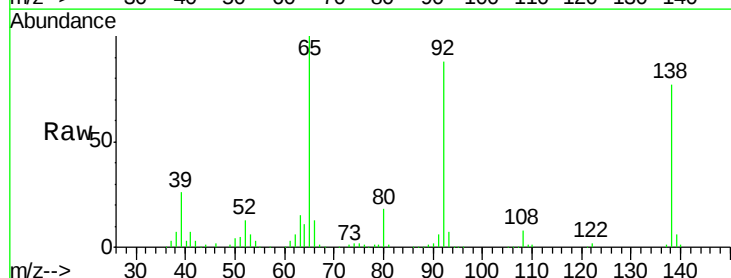
Tgt Ion:138 Resp: 154358

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

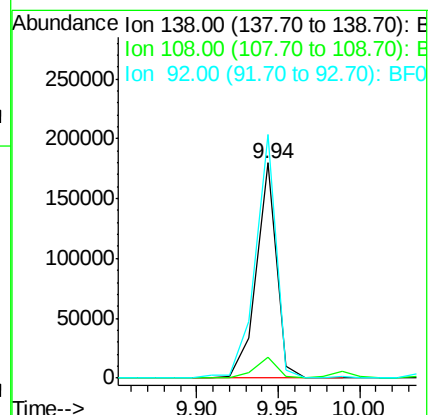
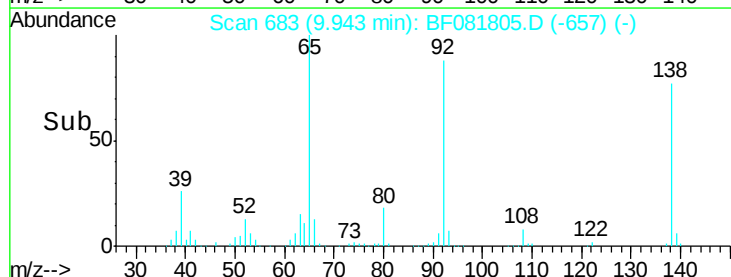
92 113.3 67.7 101.5#

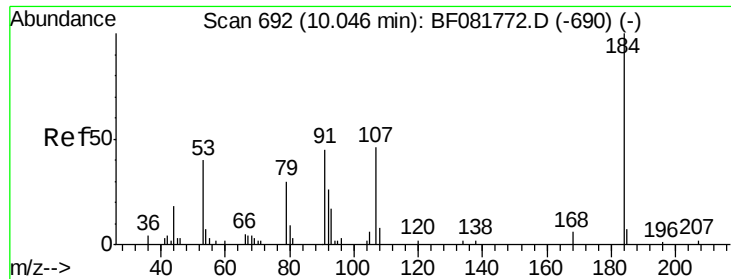


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

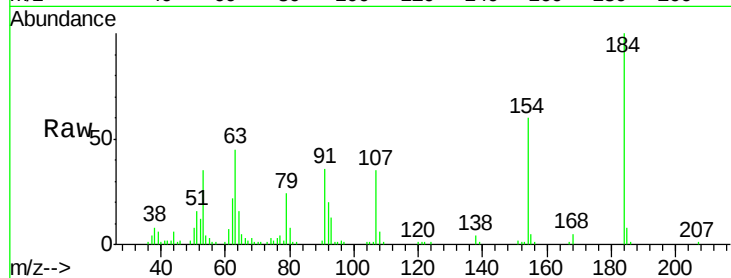




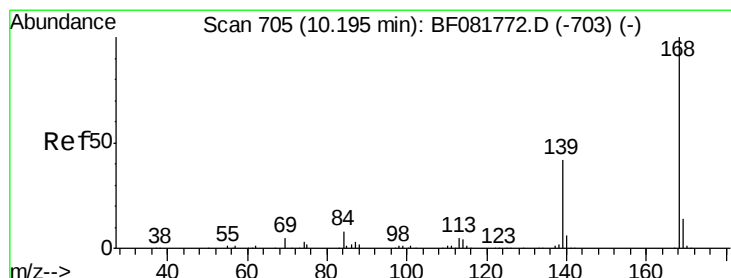
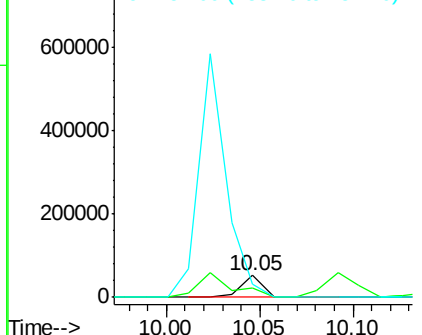
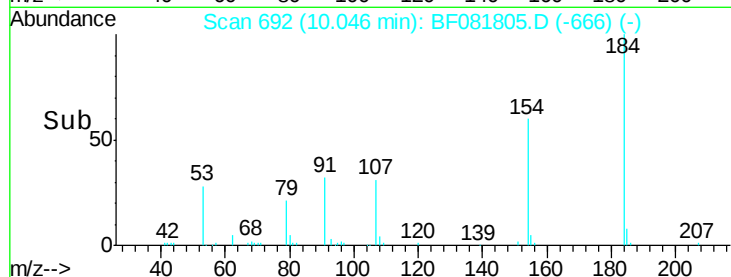
#53
2,4-Dinitrophenol
Concen: 68.18 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion:184 Resp: 42274
Ion Ratio Lower Upper
184 100
63 45.3 35.4 53.2
154 60.3 32.2 48.4#

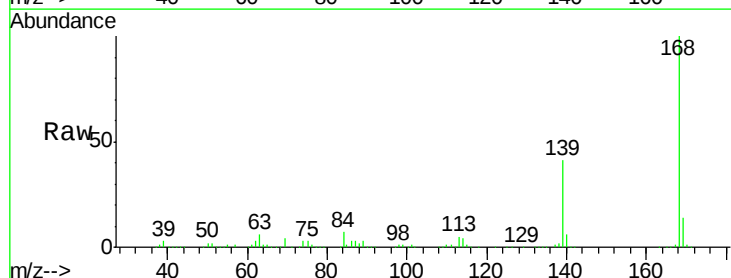


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

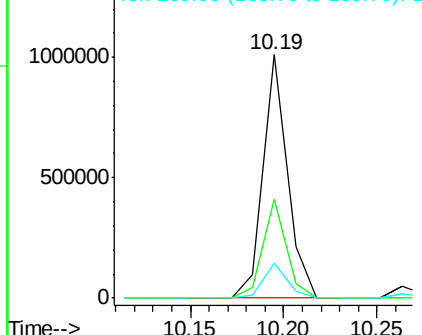
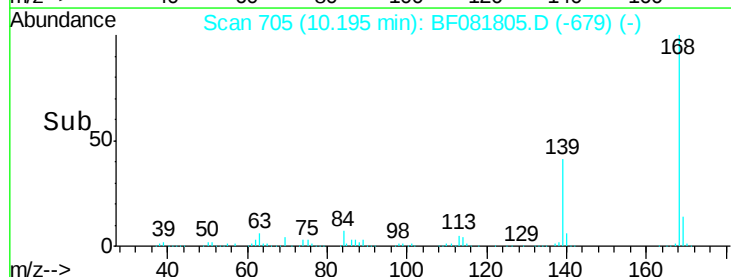


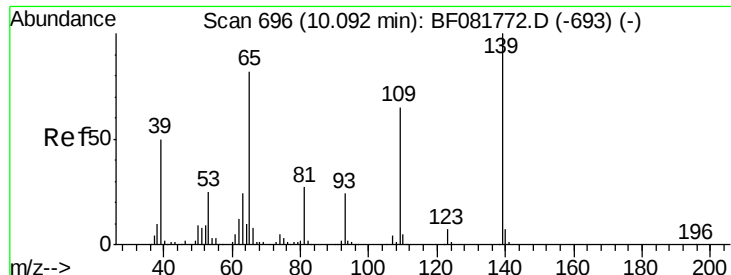
#54
Dibenzofuran
Concen: 38.65 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion:168 Resp: 909891
Ion Ratio Lower Upper
168 100
139 40.6 24.2 36.2#
169 14.1 10.6 15.8



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

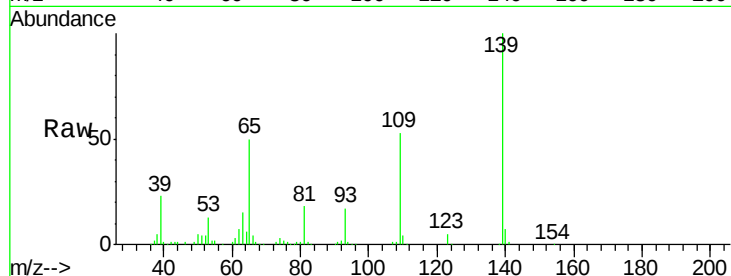




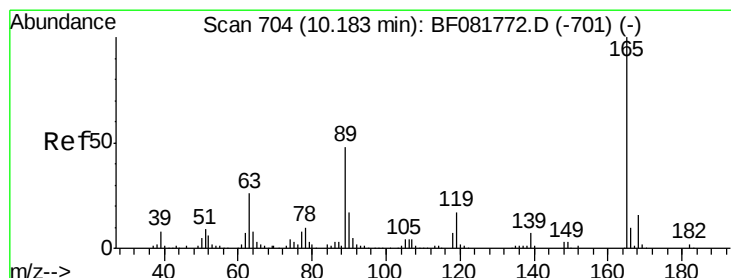
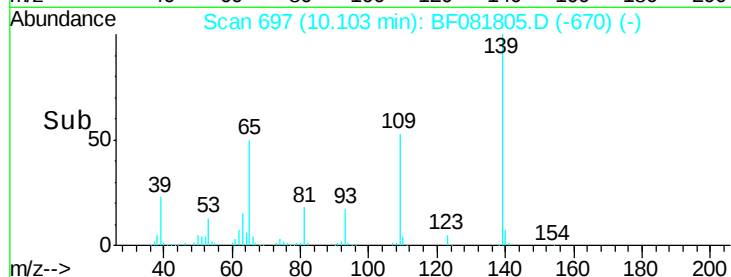
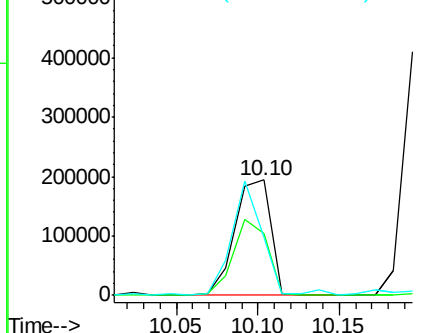
#55
4-Nitrophenol
Concen: 103.33 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion:139 Resp: 297015
Ion Ratio Lower Upper
139 100
109 53.4 12.7 52.7#
65 50.4 45.9 85.9

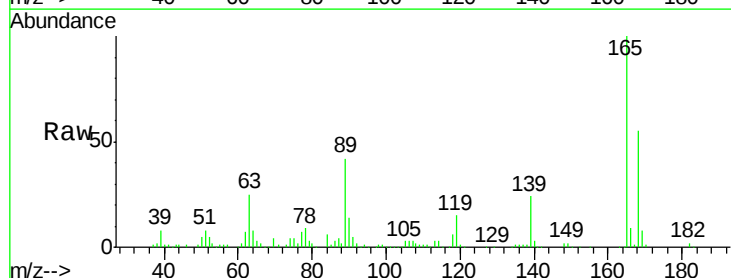


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

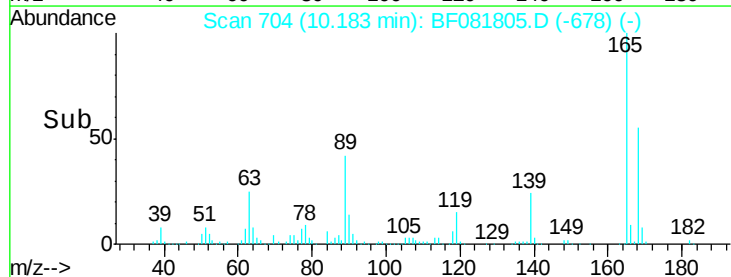
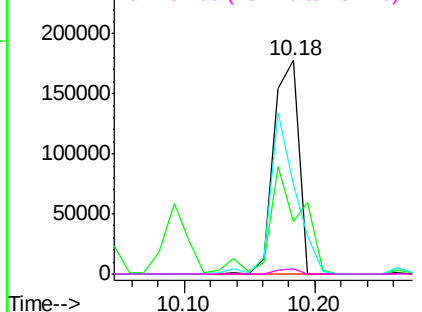


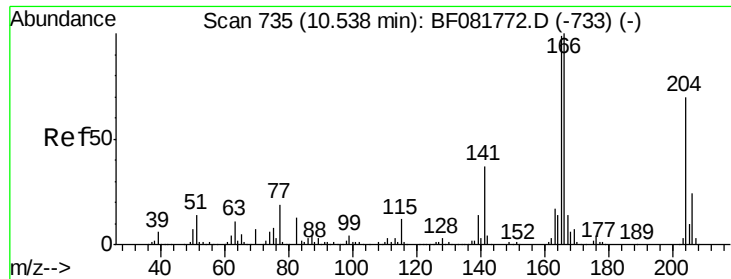
#56
2,4-Dinitrotoluene
Concen: 51.75 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion:165 Resp: 238090
Ion Ratio Lower Upper
165 100
63 24.7 29.8 44.6#
89 42.1 44.5 66.7#
182 2.4 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

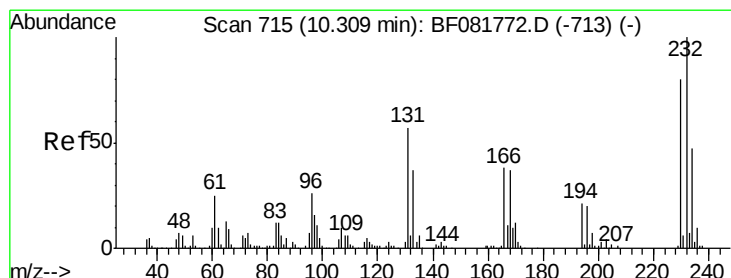
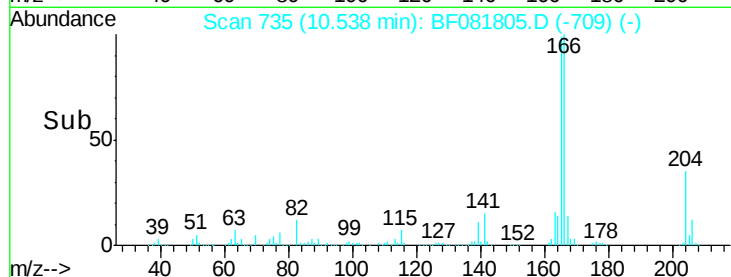
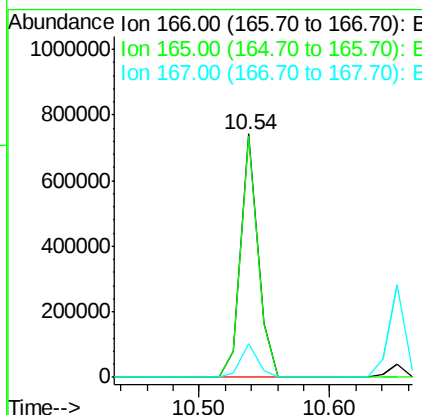
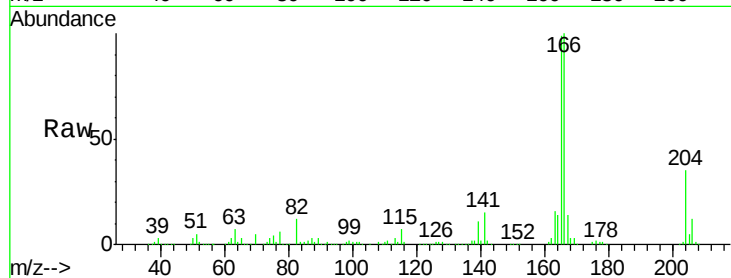




#57
Fluorene
 Concen: 37.62 ng
 RT: 10.54 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

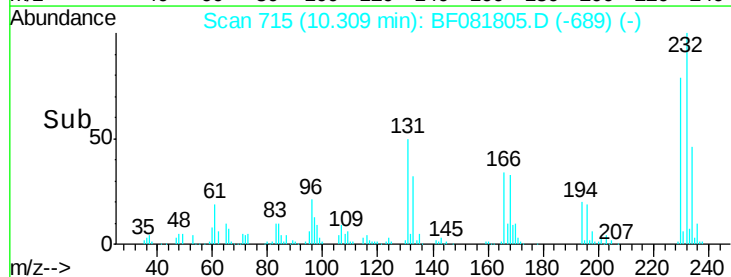
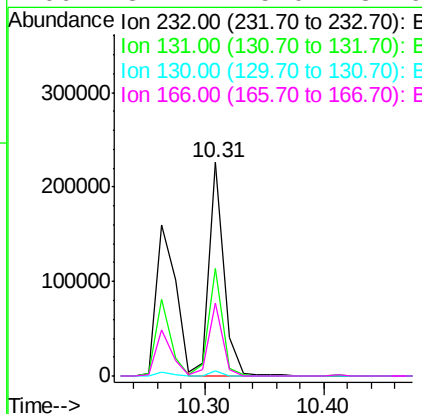
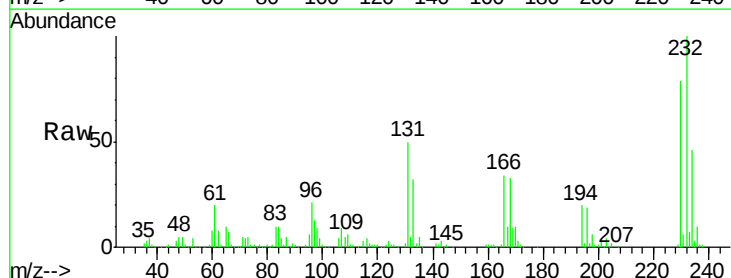
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

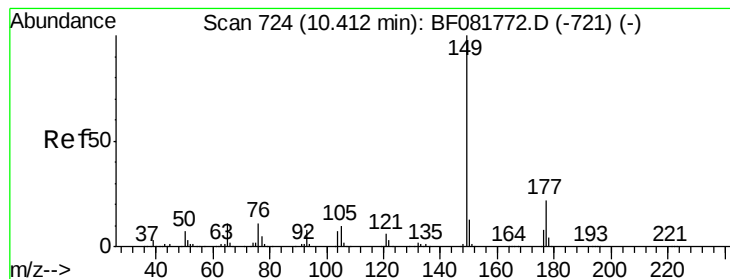
Tgt Ion:166 Resp: 679629
 Ion Ratio Lower Upper
 166 100
 165 98.9 72.6 109.0
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.31 ng
 RT: 10.31 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:232 Resp: 195492
 Ion Ratio Lower Upper
 232 100
 131 48.0 38.5 57.7
 130 2.1 1.8 2.6
 166 32.2 25.0 37.6





#59

Diethylphthalate

Concen: 40.50 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

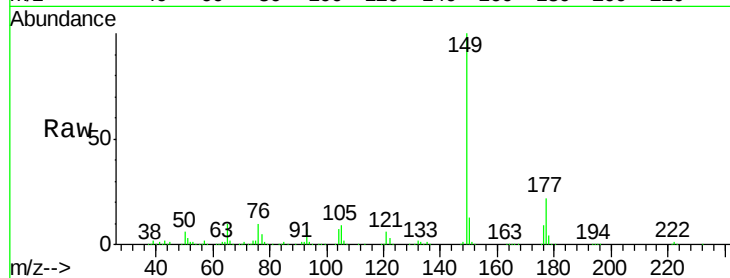
Tgt Ion:149 Resp: 781073

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

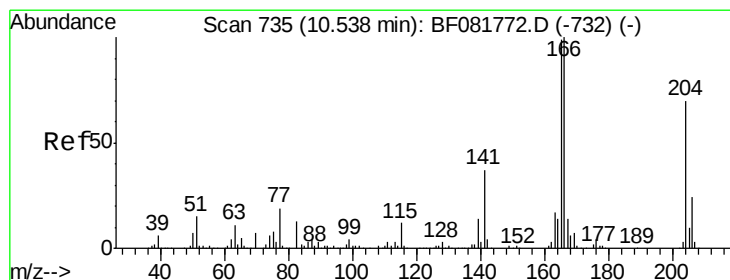
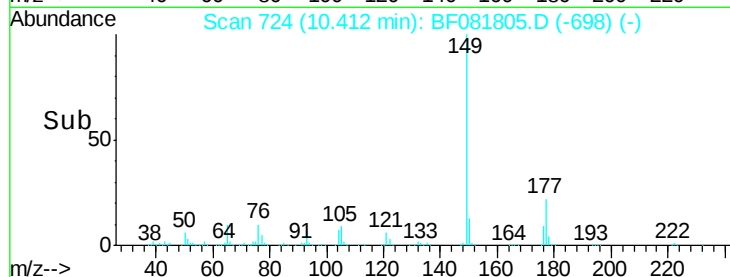
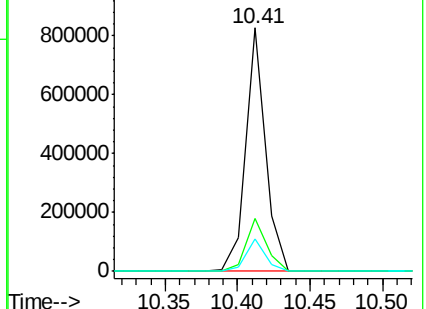
150 13.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.15 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

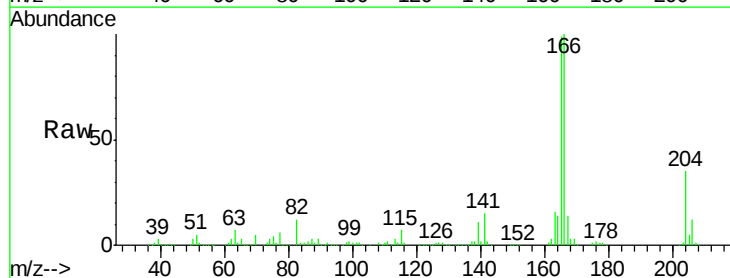
Tgt Ion:204 Resp: 341296

Ion Ratio Lower Upper

204 100

206 34.7 24.8 37.2

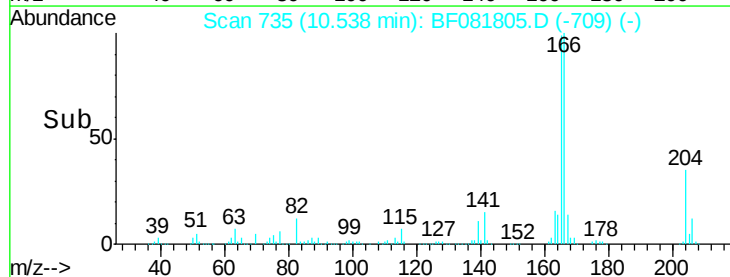
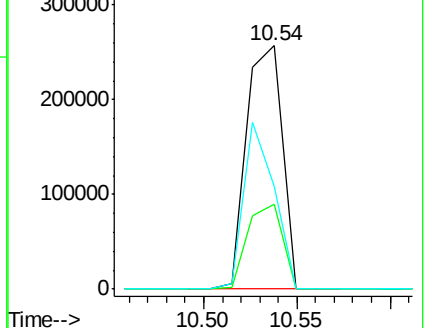
141 42.2 42.2 63.4

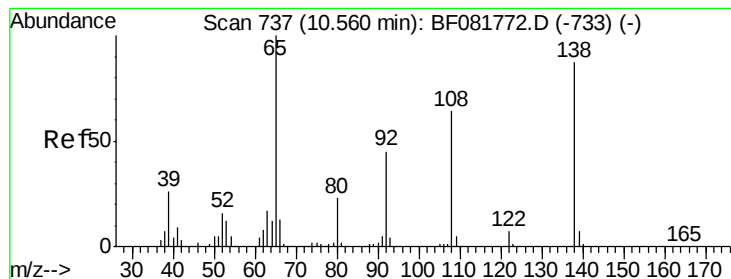


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.31 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

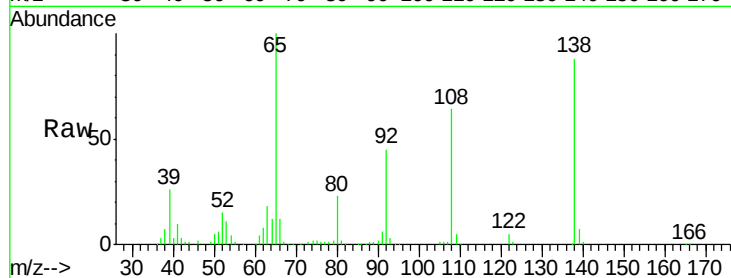
Tgt Ion:138 Resp: 187507

Ion Ratio Lower Upper

138 100

92 51.2 12.6 52.6

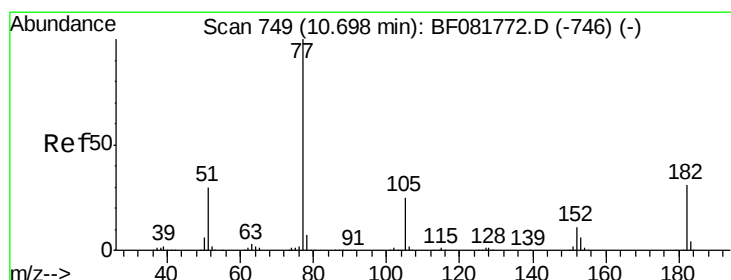
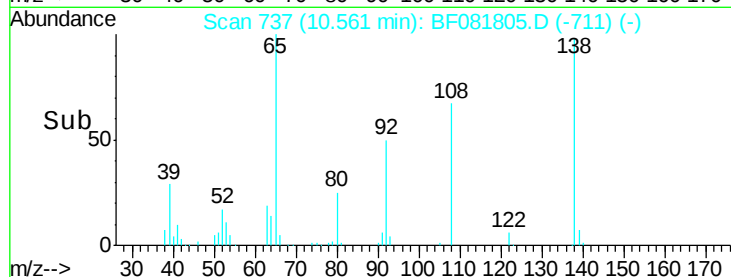
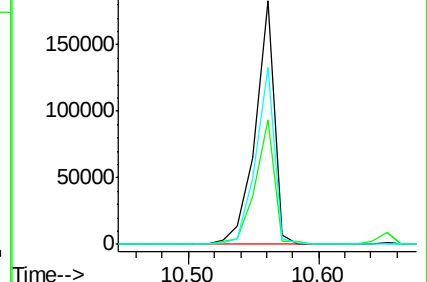
108 72.9 12.4 52.4#



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: 41.65 ng

RT: 10.69 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Tgt Ion: 77 Resp: 821179

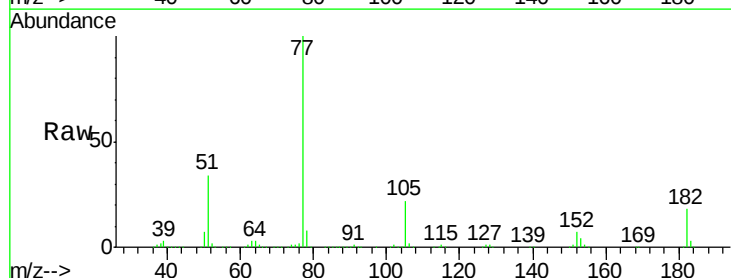
Ion Ratio Lower Upper

77 100

182 18.1 15.1 55.1

105 21.7 3.4 43.4

51 34.0 12.0 52.0

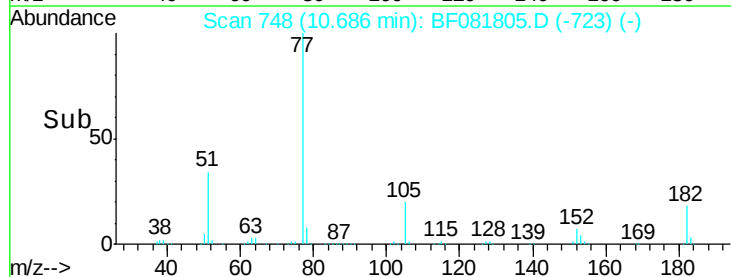
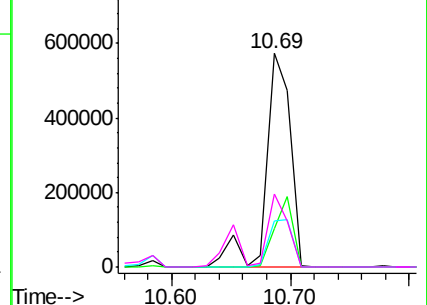


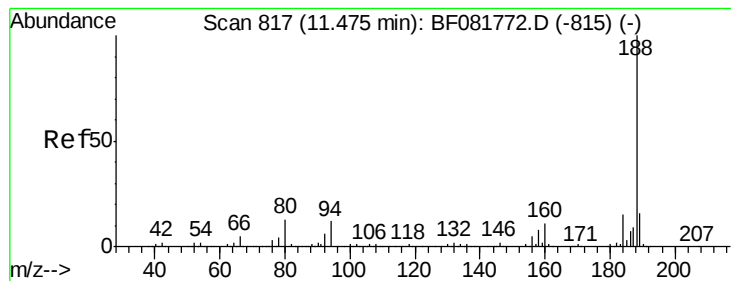
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

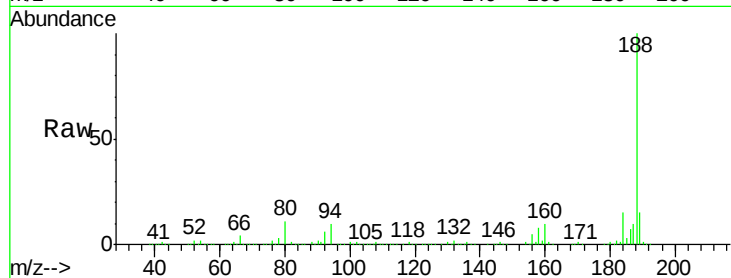
Tgt Ion:188 Resp: 516594

Ion Ratio Lower Upper

188 100

94 10.4 11.1 16.7#

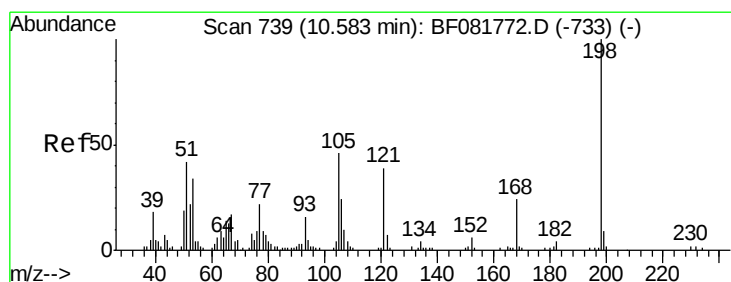
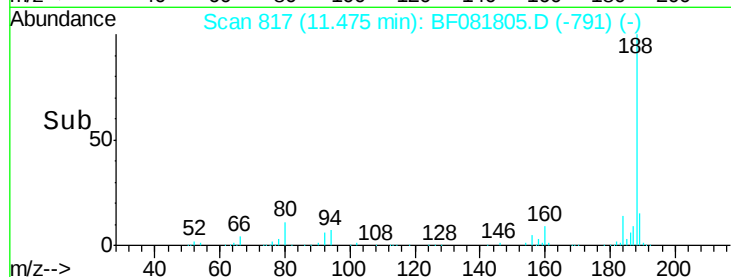
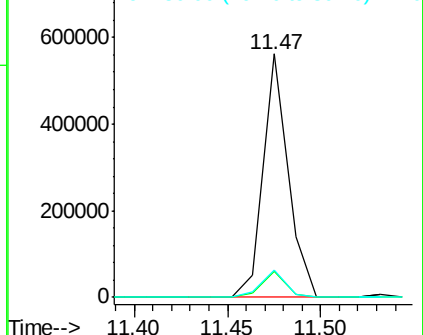
80 11.1 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.32 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

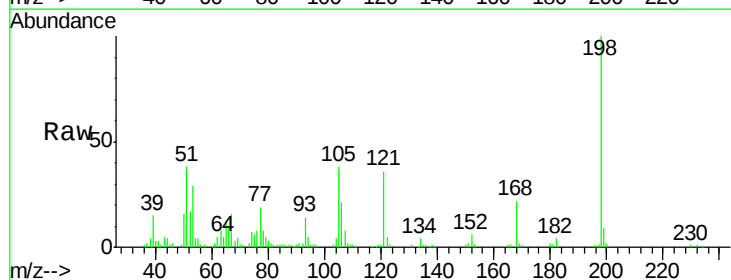
Tgt Ion:198 Resp: 68058

Ion Ratio Lower Upper

198 100

51 37.5 39.6 79.6#

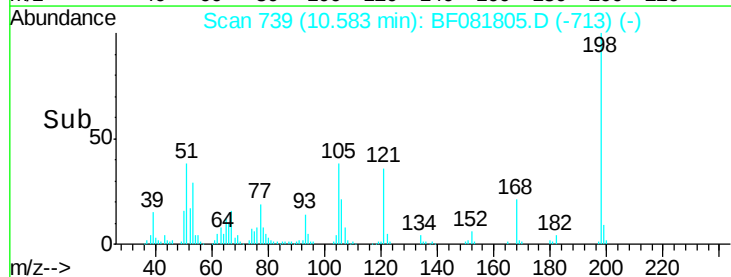
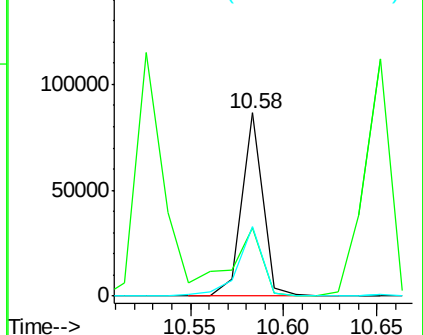
105 37.8 28.5 68.5

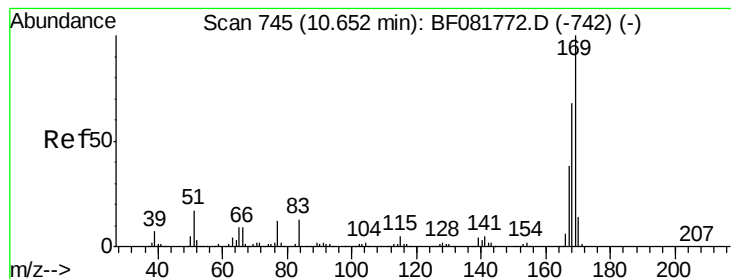


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.86 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

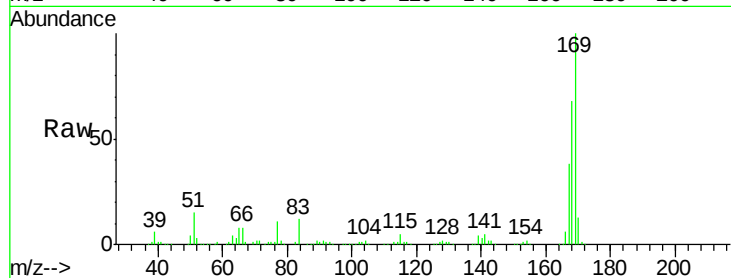
Tgt Ion:169 Resp: 659604

Ion Ratio Lower Upper

169 100

168 68.4 48.9 73.3

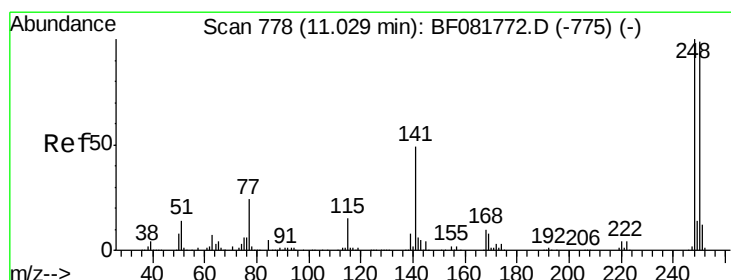
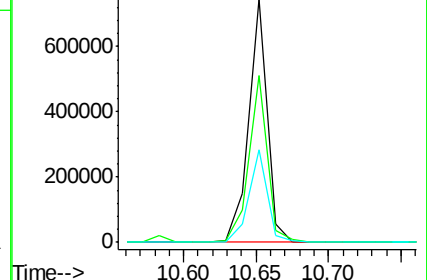
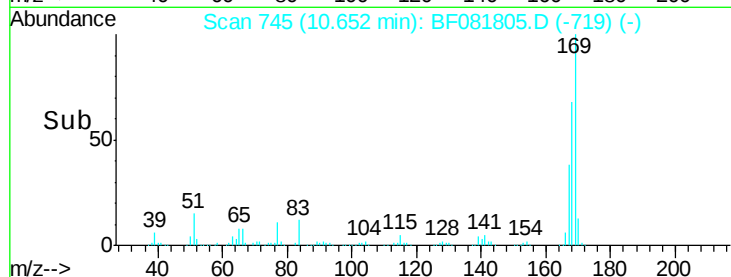
167 38.0 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.64 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

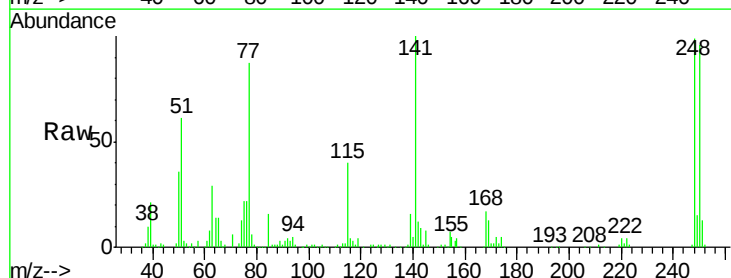
Tgt Ion:248 Resp: 228028

Ion Ratio Lower Upper

248 100

250 97.1 78.5 117.7

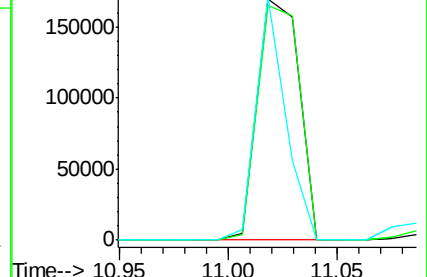
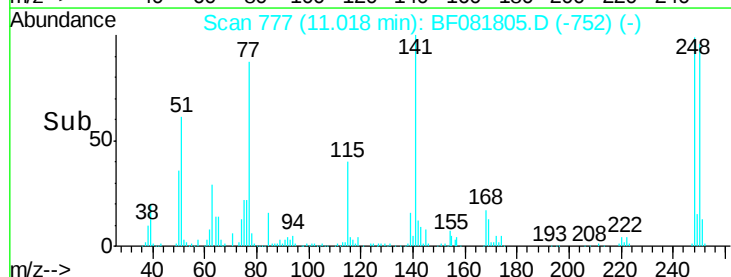
141 100.8 59.0 88.6#

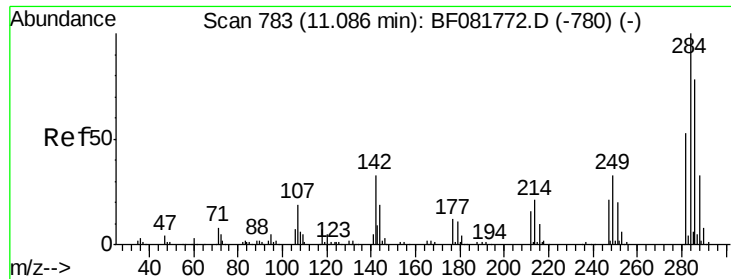


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

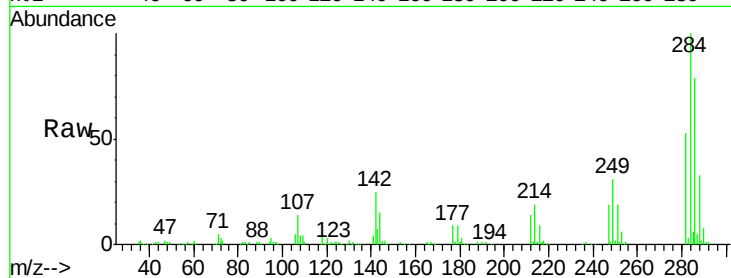




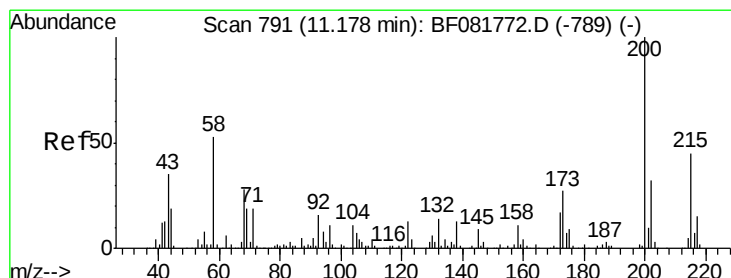
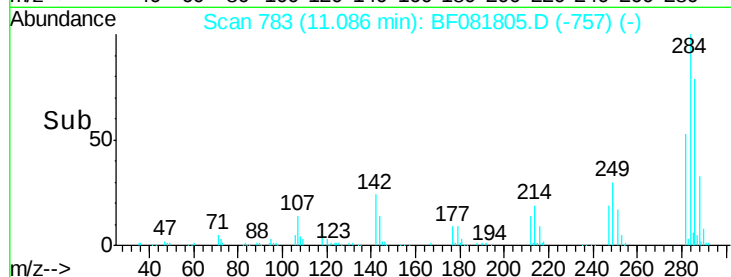
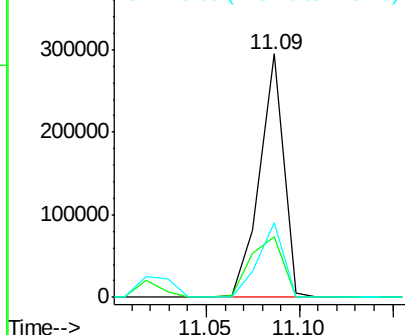
#67
Hexachlorobenzene
Concen: 43.81 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	29.5	44.3#
249	30.9	19.5	29.3#

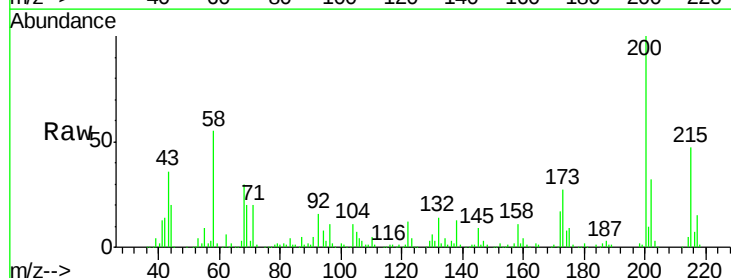


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

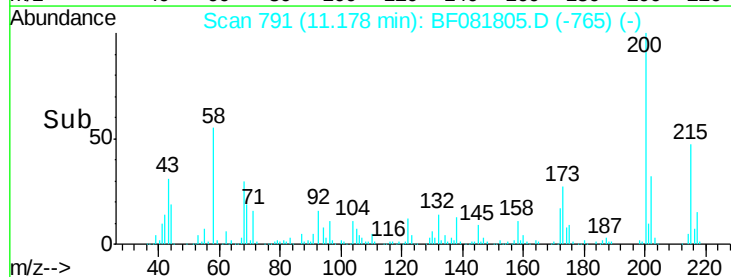
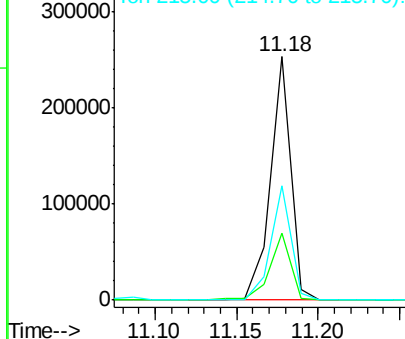


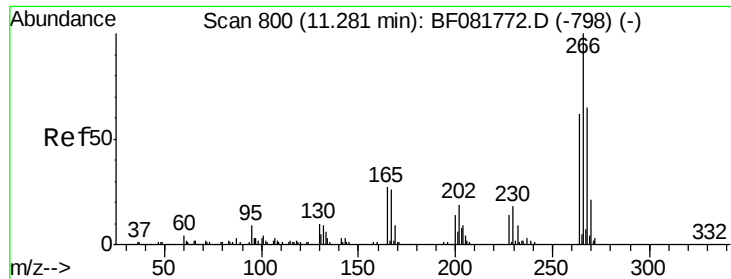
#68
Atrazine
Concen: 42.44 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	13.2	53.2
215	46.8	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

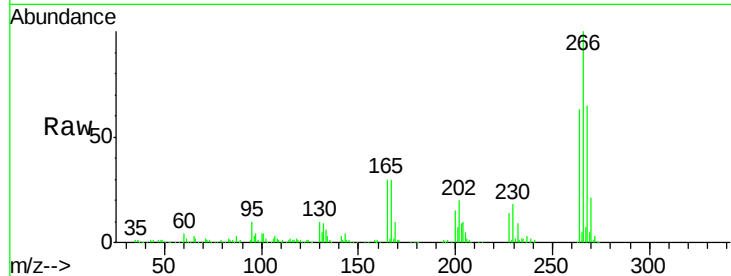




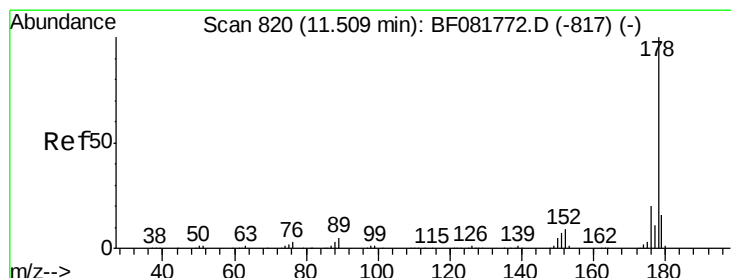
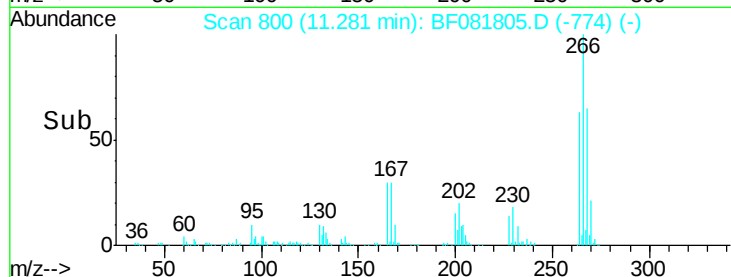
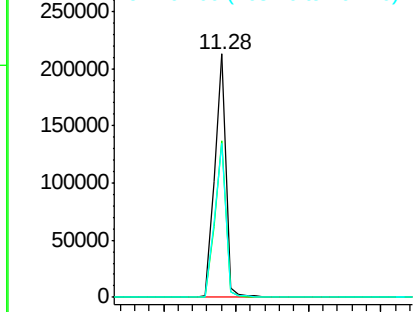
#69
 Pentachlorophenol
 Concen: 69.69 ng
 RT: 11.28 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion: 266 Resp: 228618
 Ion Ratio Lower Upper
 266 100
 268 64.5 49.8 74.6
 264 63.4 50.2 75.2

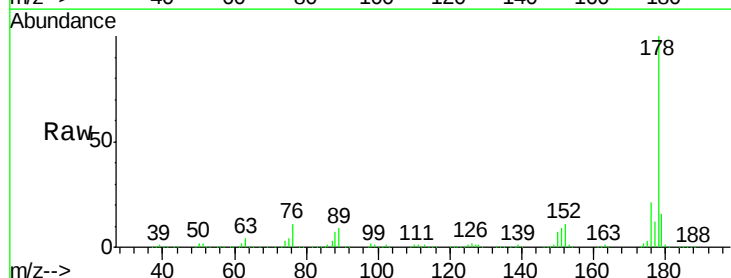


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

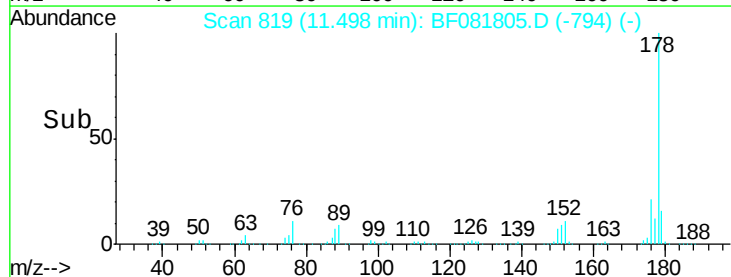
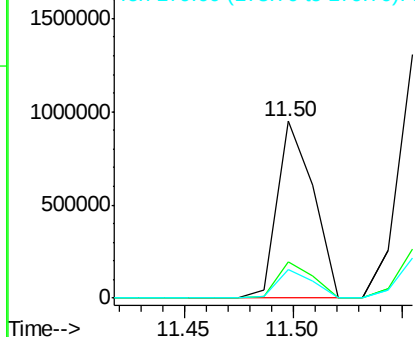


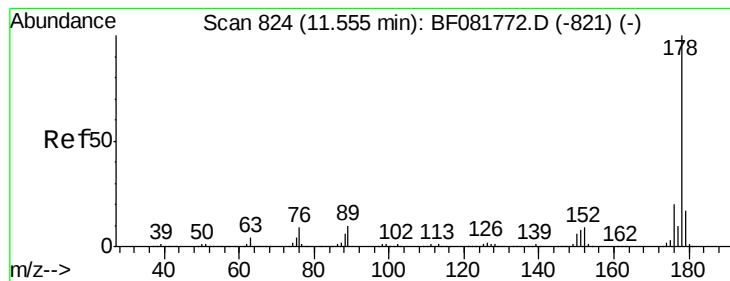
#70
 Phenanthrene
 Concen: 37.23 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion: 178 Resp: 1099456
 Ion Ratio Lower Upper
 178 100
 176 20.7 13.8 20.8
 179 16.0 12.2 18.2



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





#71

Anthracene

Concen: 39.21 ng

RT: 11.55 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

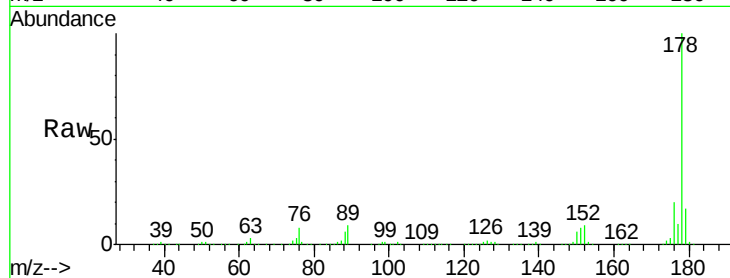
Tgt Ion:178 Resp: 1115943

Ion Ratio Lower Upper

178 100

176 20.4 14.1 21.1

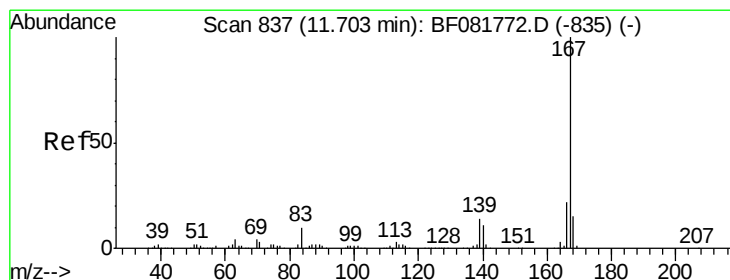
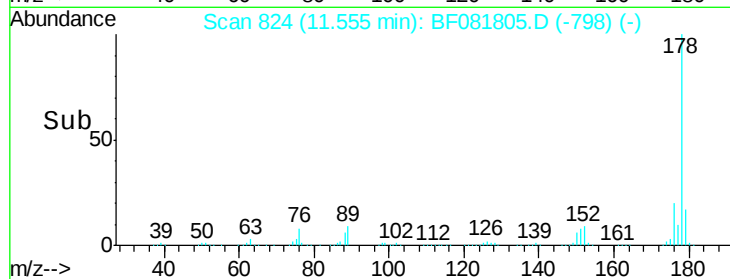
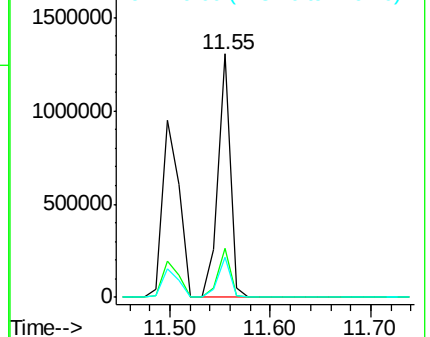
179 16.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.07 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

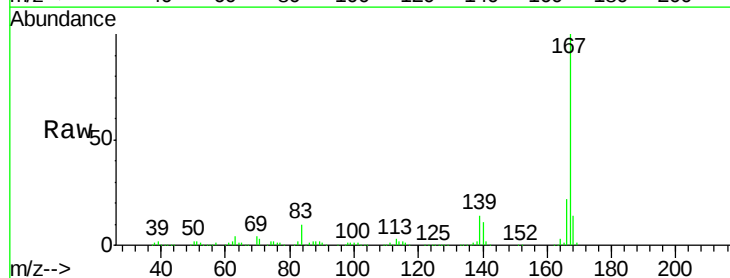
Tgt Ion:167 Resp: 979439

Ion Ratio Lower Upper

167 100

166 22.3 15.7 23.5

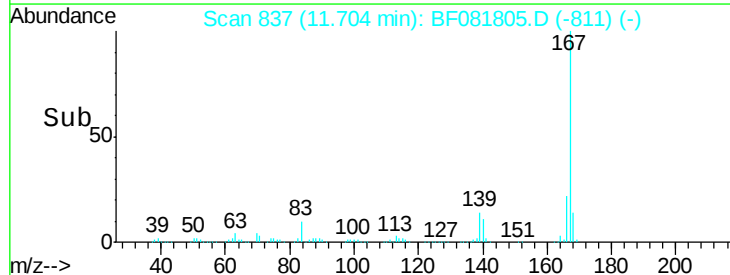
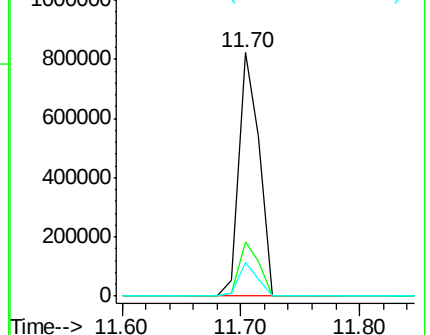
139 14.0 9.5 14.3

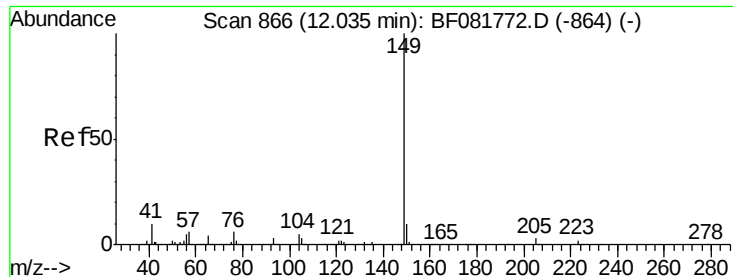


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.17 ng

RT: 12.04 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

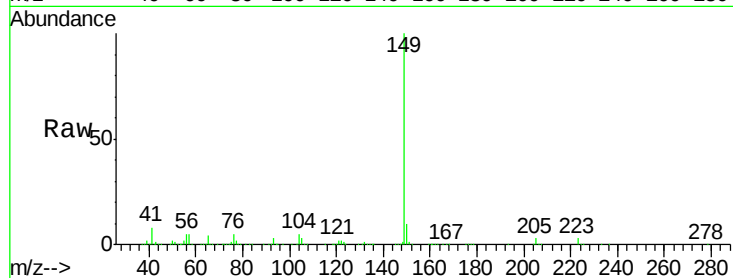
Tgt Ion:149 Resp: 1195224

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

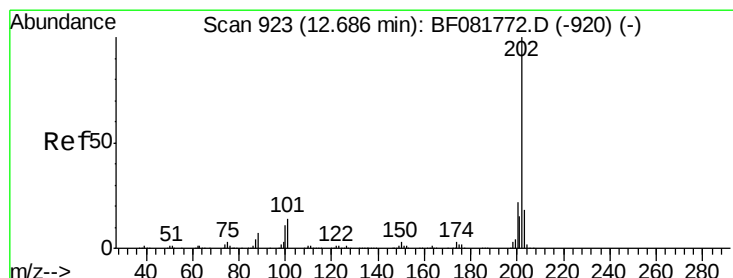
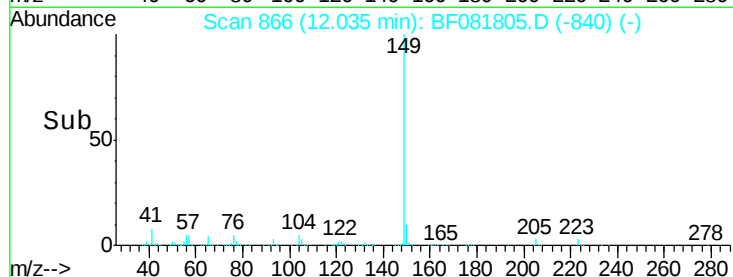
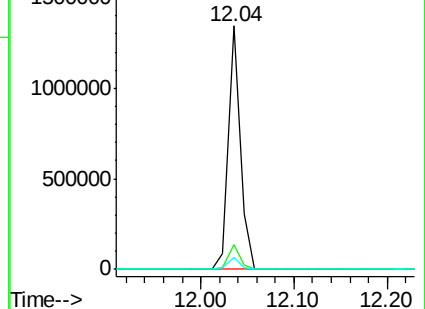
104 5.1 2.4 3.6#



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: 37.72 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

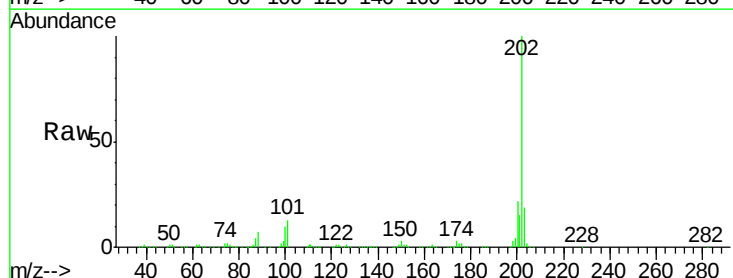
Tgt Ion:202 Resp: 1122622

Ion Ratio Lower Upper

202 100

101 13.4 0.0 38.3

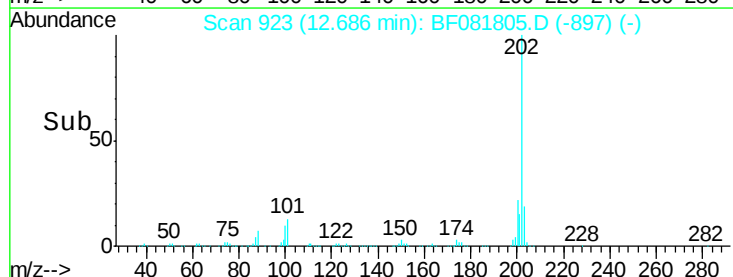
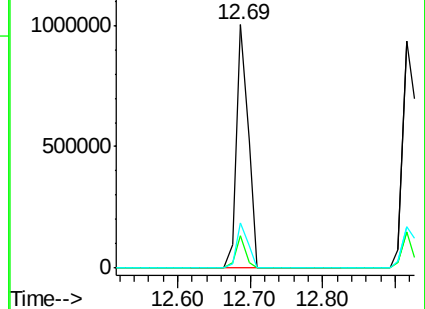
203 18.8 0.0 37.3

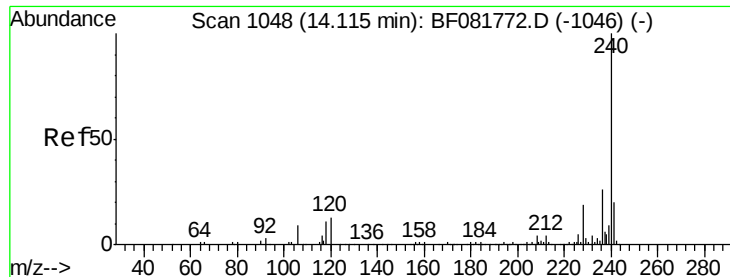


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

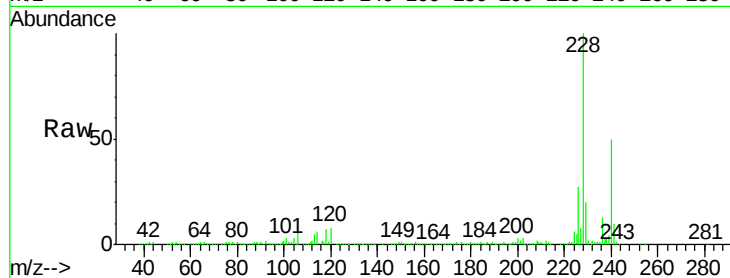
Tgt Ion:240 Resp: 419994

Ion Ratio Lower Upper

240 100

120 16.8 16.2 24.2

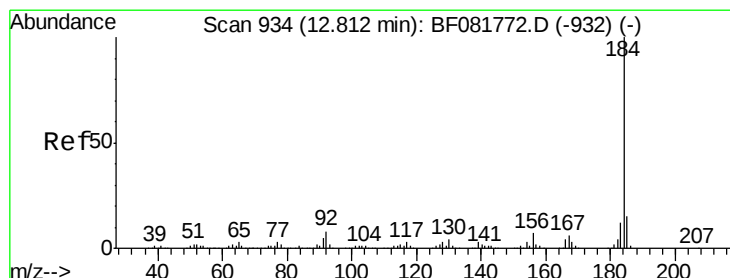
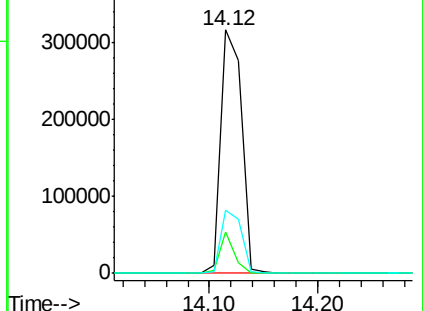
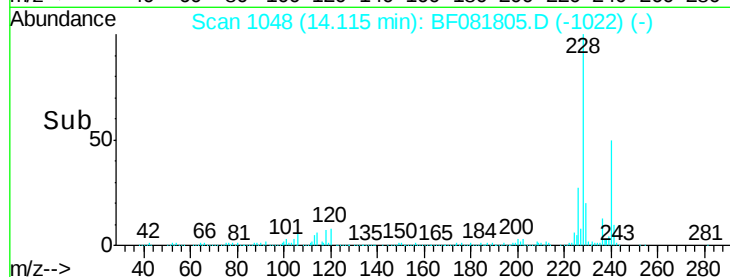
236 26.0 18.4 27.6



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: 21.31 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

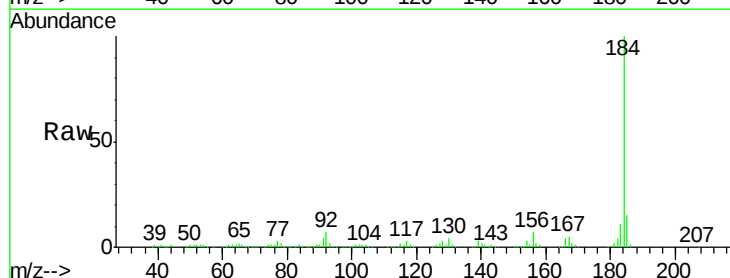
Tgt Ion:184 Resp: 303734

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

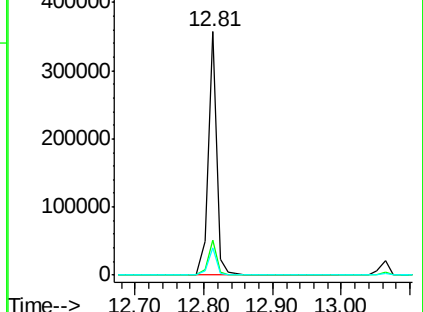
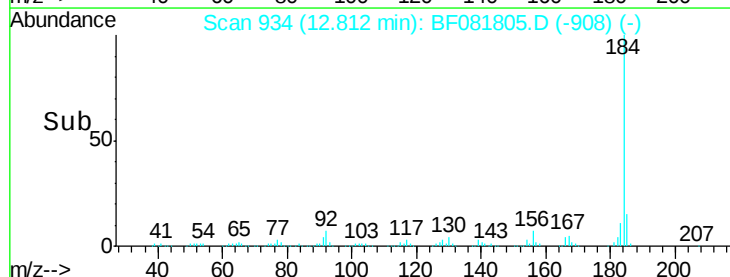
183 11.2 7.6 11.4

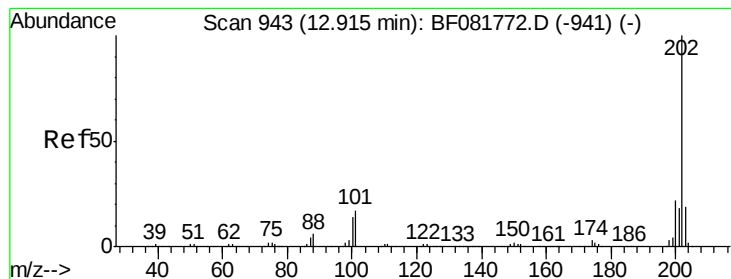


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.24 ng

RT: 12.92 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

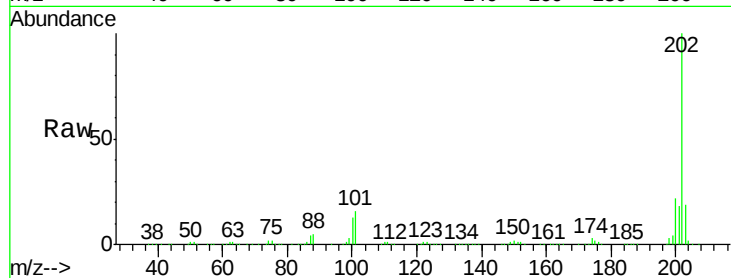
Tgt Ion:202 Resp: 1179070

Ion Ratio Lower Upper

202 100

200 21.9 15.0 22.4

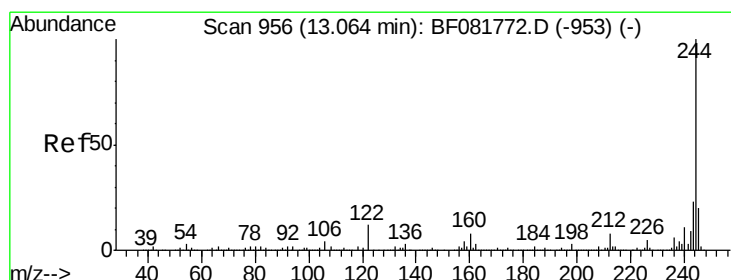
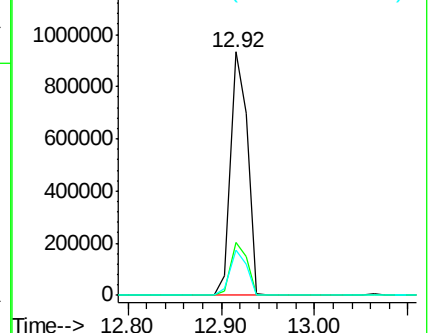
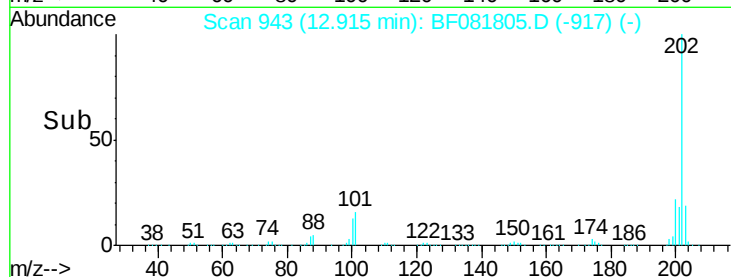
203 18.5 14.1 21.1



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: 70.87 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

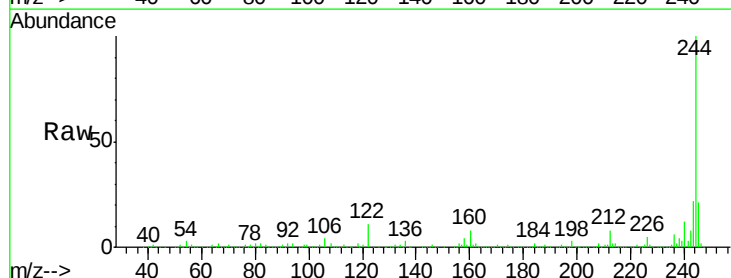
Tgt Ion:244 Resp: 1302988

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

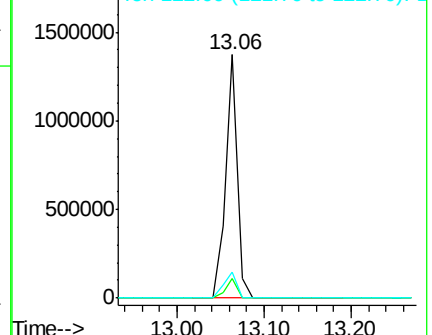
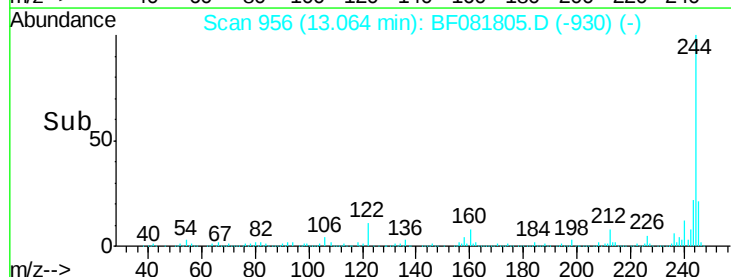
122 10.9 17.4 26.2#

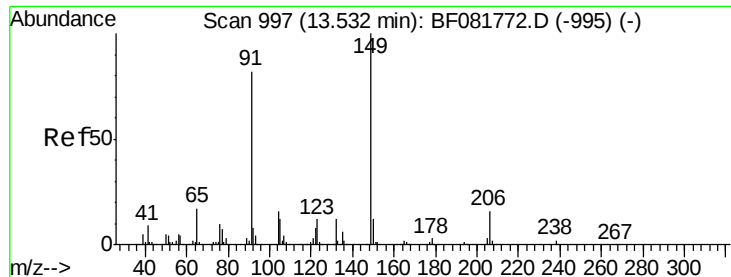


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

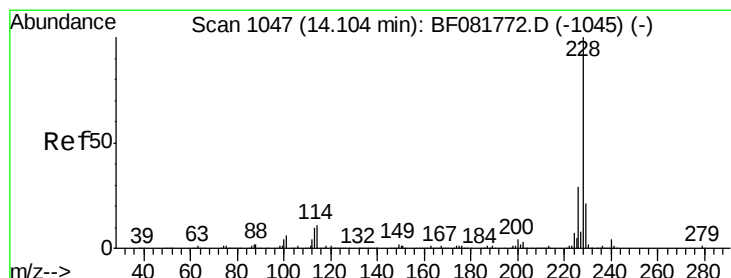
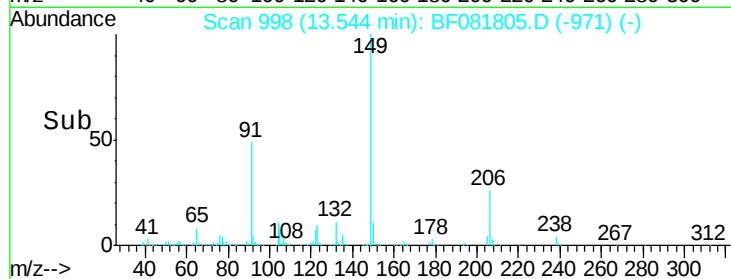
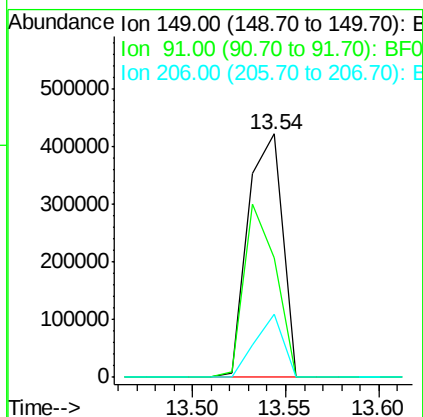
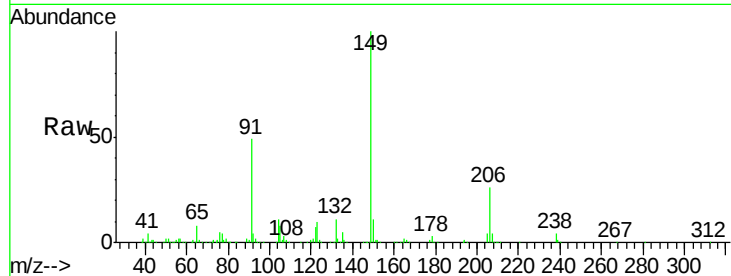




#79
Butylbenzylphthalate
Concen: 42.63 ng
RT: 13.54 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

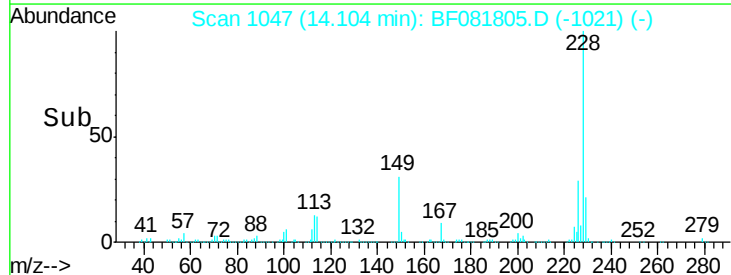
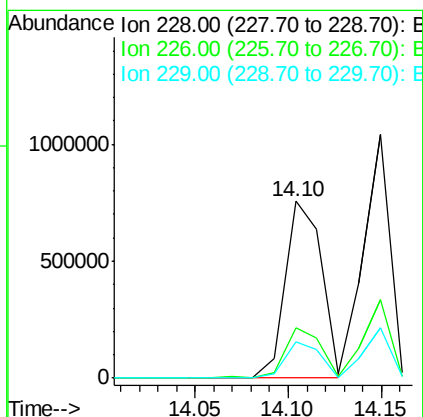
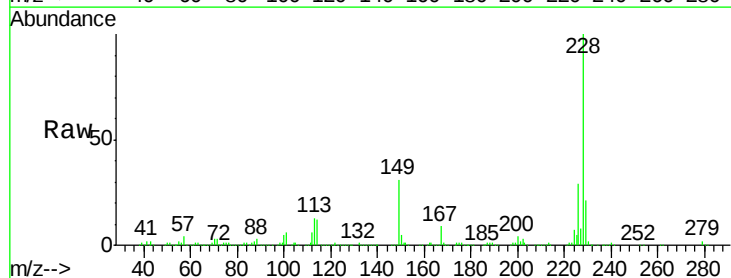
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

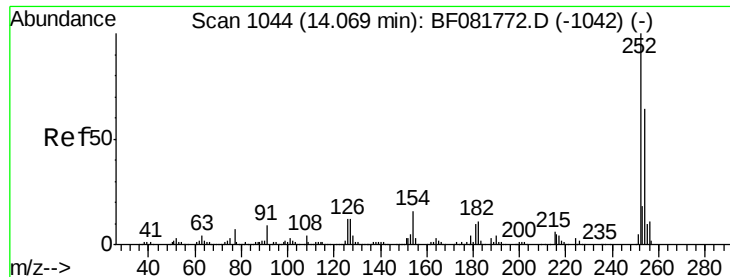
Tgt Ion:149 Resp: 537955
Ion Ratio Lower Upper
149 100
91 49.2 48.6 72.8
206 25.8 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 40.23 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion:228 Resp: 1024616
Ion Ratio Lower Upper
228 100
226 28.7 20.0 30.0
229 20.6 15.4 23.2

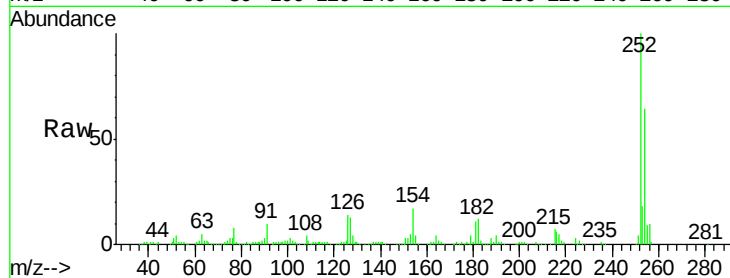




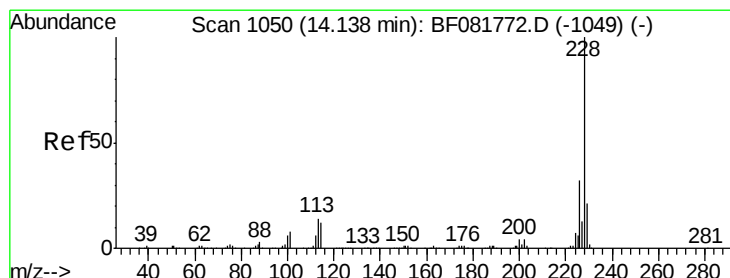
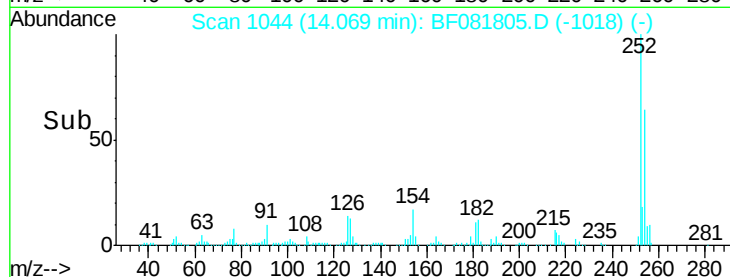
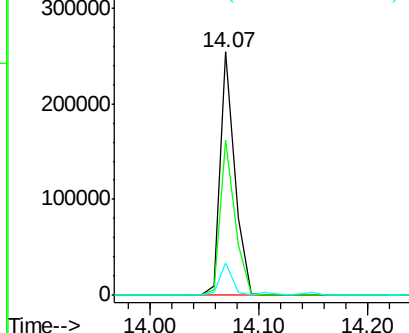
#81
 3,3'-Dichlorobenzidine
 Concen: 29.57 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.2
126	13.5	16.4	24.6

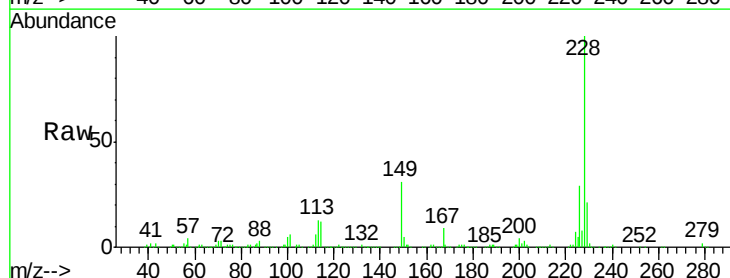


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

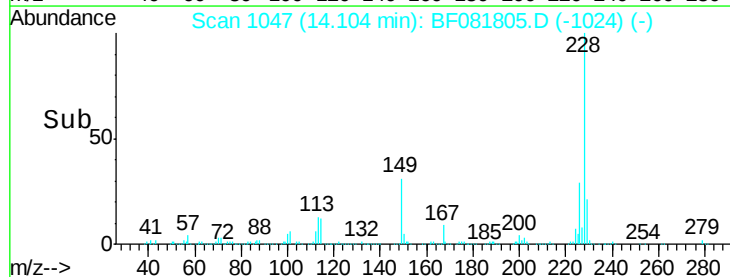
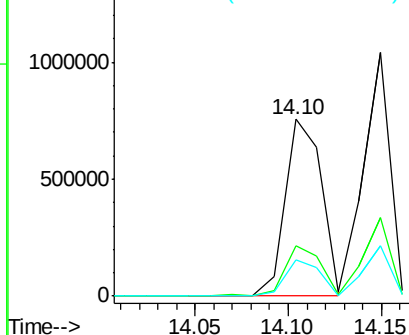


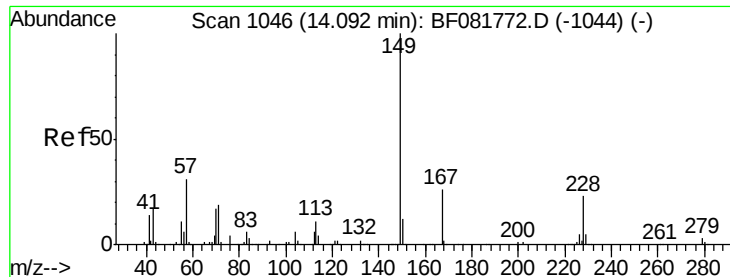
#82
 Chrysene
 Concen: 41.95 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.0	31.4
229	20.6	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

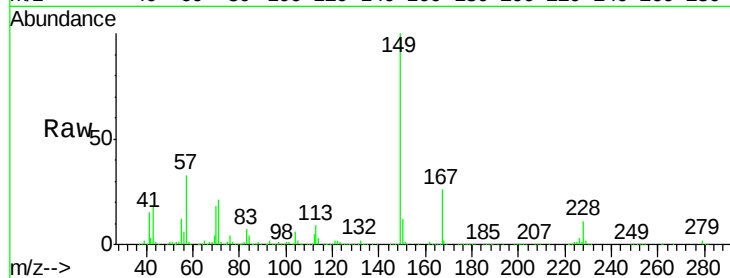




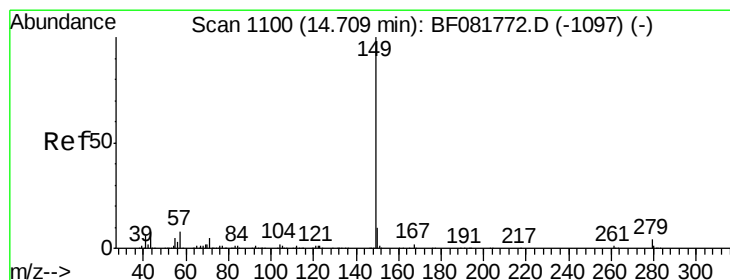
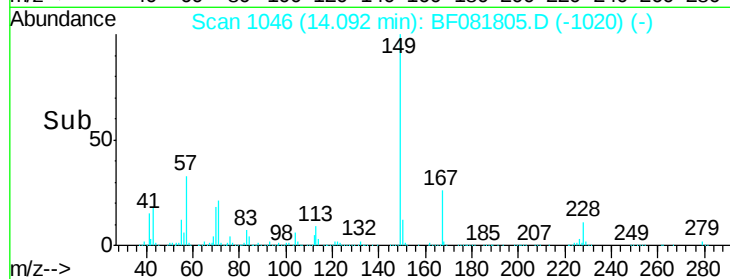
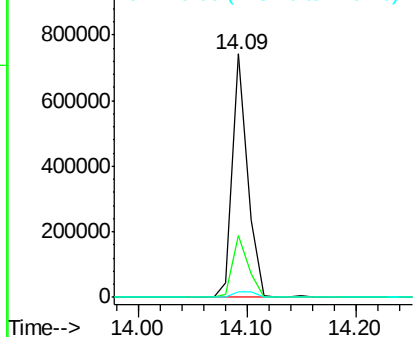
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.32 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion:149 Resp: 708771
 Ion Ratio Lower Upper
 149 100
 167 25.6 24.2 36.2
 279 2.4 3.8 5.6#

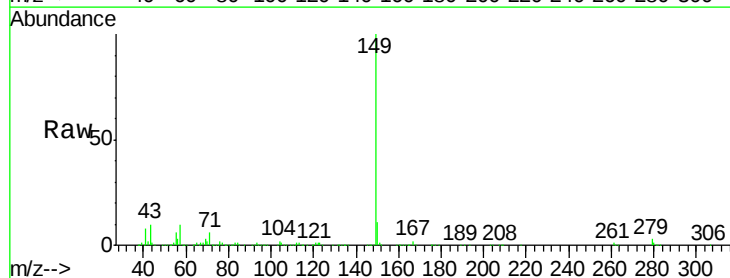


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

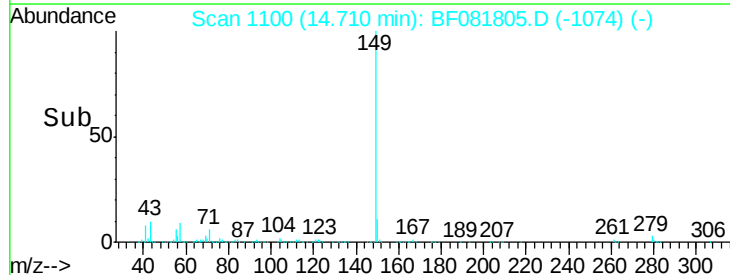
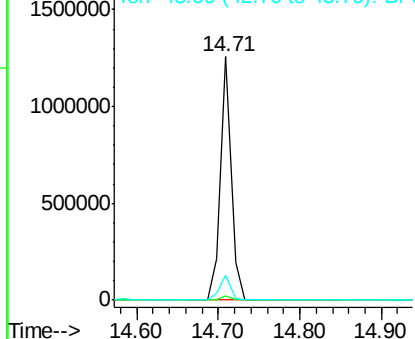


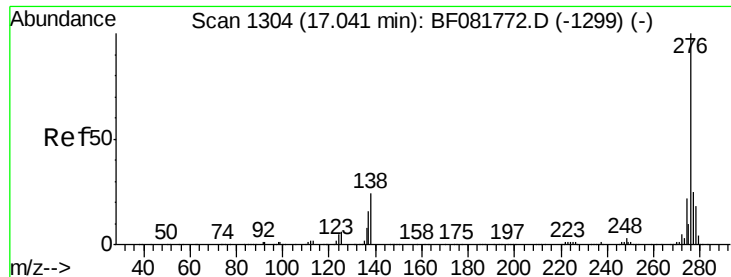
#84
 Di-n-octyl phthalate
 Concen: 51.03 ng
 RT: 14.71 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion:149 Resp: 1148282
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 10.2 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

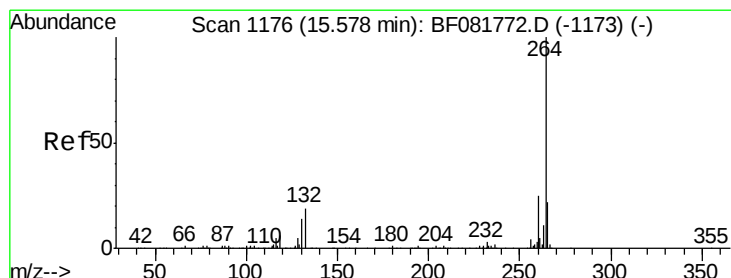
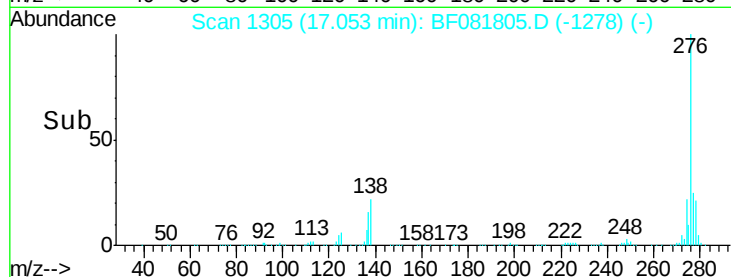
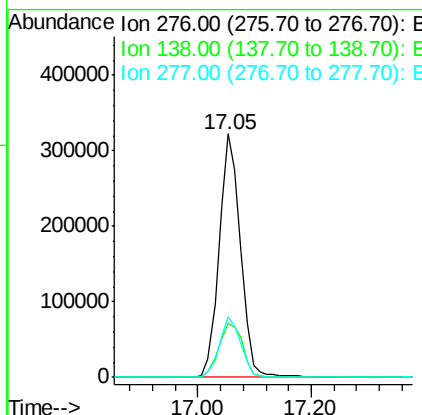
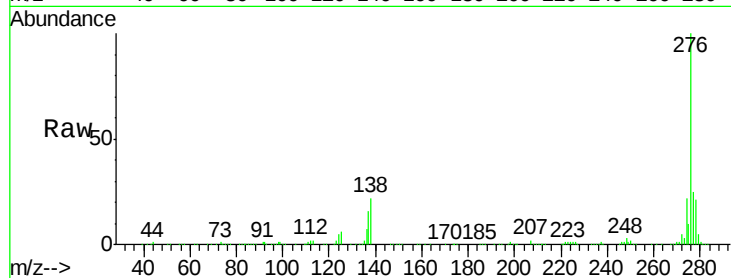




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.81 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

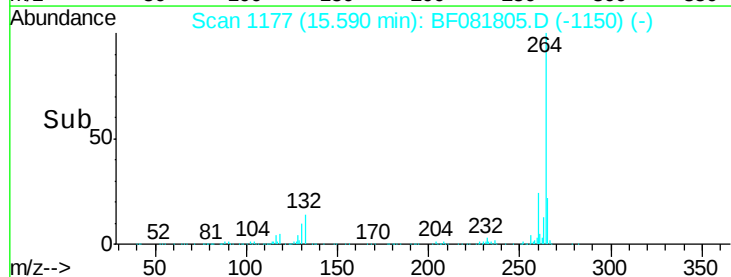
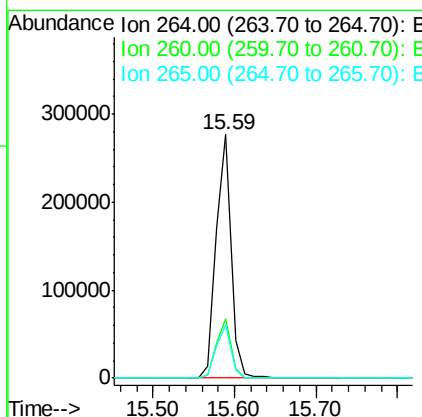
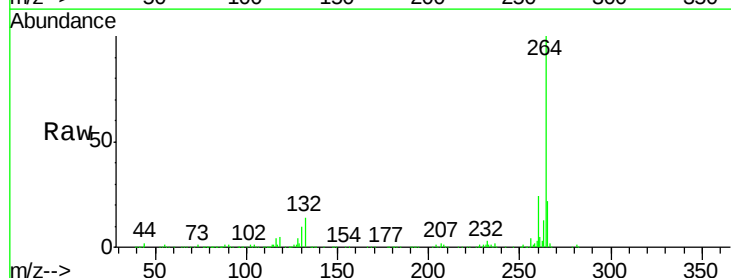
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

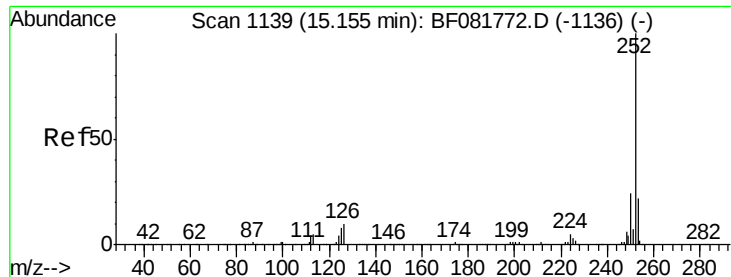
Tgt Ion: 276 Resp: 845438
 Ion Ratio Lower Upper
 276 100
 138 25.2 25.7 38.5#
 277 25.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081805.D
 Acq: 25 Sep 2015 16:13

Tgt Ion: 264 Resp: 352276
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 48.01 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

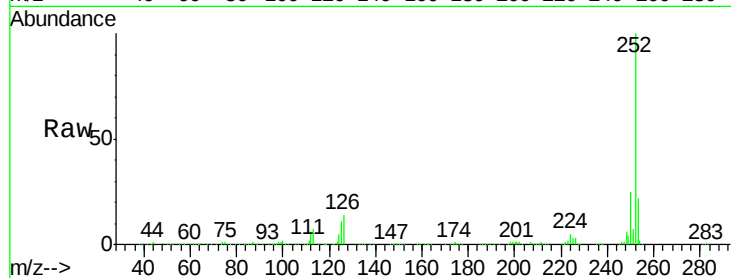
Tgt Ion:252 Resp: 1003022

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

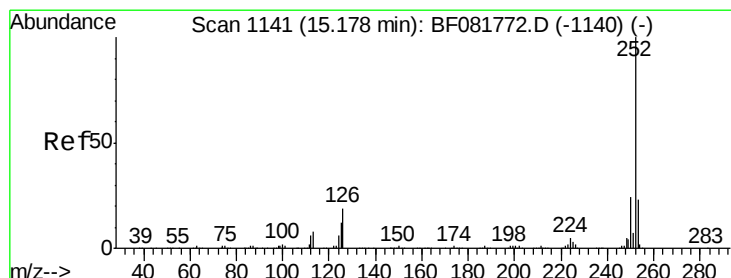
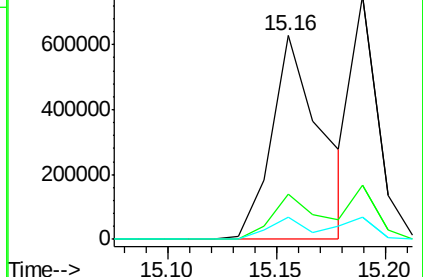
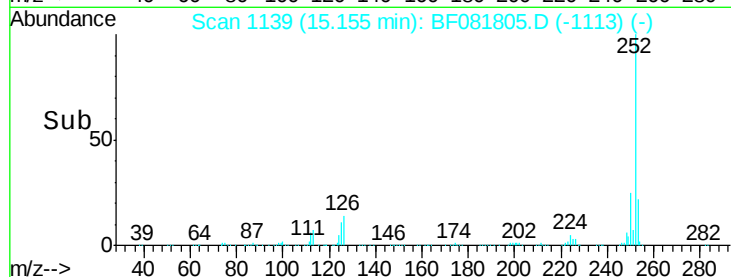
125 10.9 17.1 25.7#



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: 49.85 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

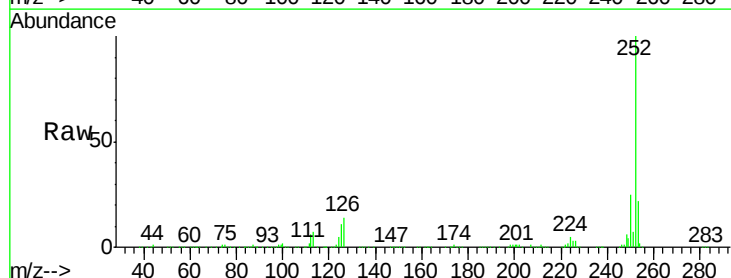
Tgt Ion:252 Resp: 1003022

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

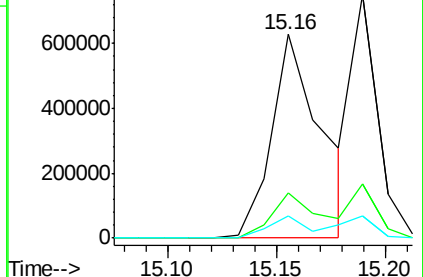
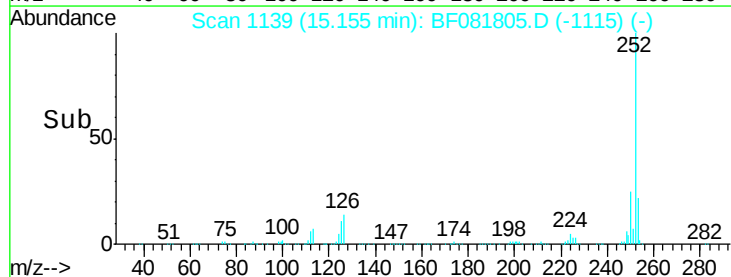
125 10.9 16.0 24.0#

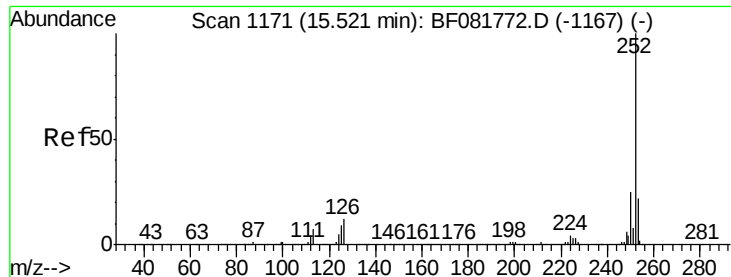


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

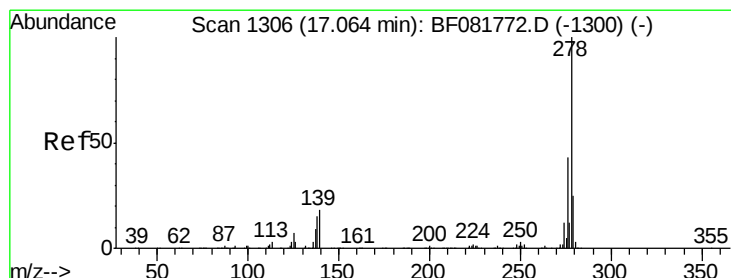
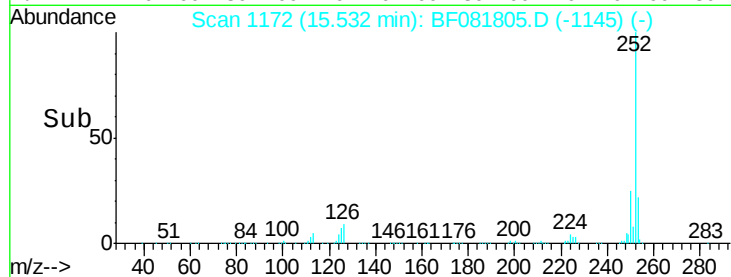
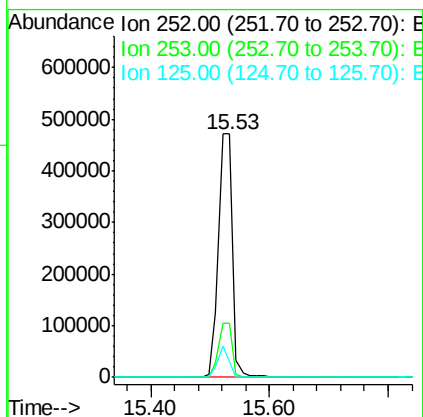
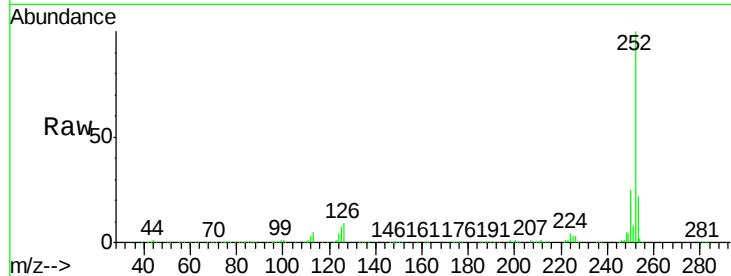




#89
Benzo(a)pyrene
Concen: 41.07 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

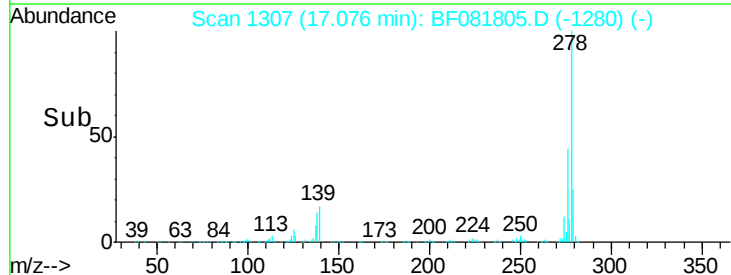
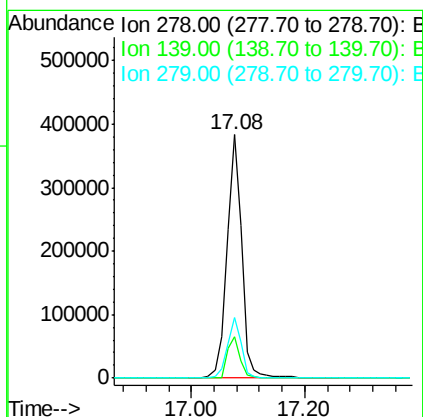
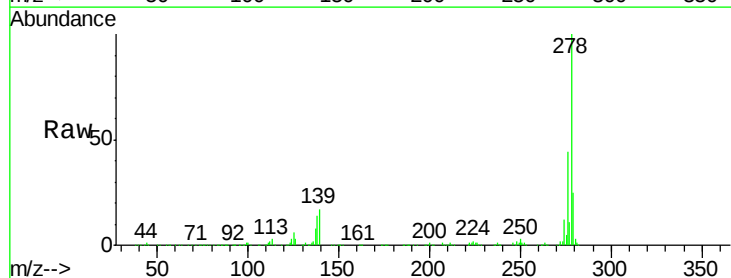
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

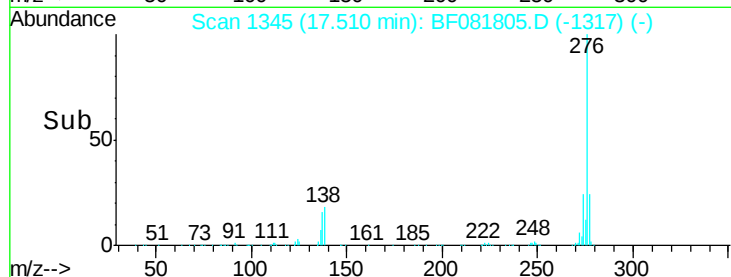
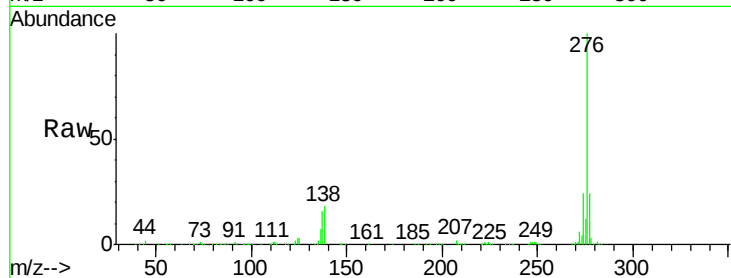
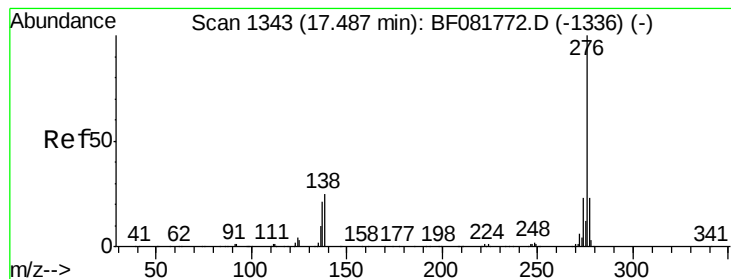
Tgt Ion: 252 Resp: 774701
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 6.7 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 35.65 ng
RT: 17.08 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF081805.D
Acq: 25 Sep 2015 16:13

Tgt Ion: 278 Resp: 700729
Ion Ratio Lower Upper
278 100
139 16.8 26.3 39.5#
279 24.8 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 35.51 ng

RT: 17.51 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF081805.D

Acq: 25 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion: 276 Resp: 719654

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 18.4 34.6 51.8#

