

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081804.D
 Acq On : 25 Sep 2015 15:43
 Operator : UM/IZ
 Sample : G3708-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Manual Integrations
 APPROVED

MMDadoda
 9/28/2015 1:18:47 PM

Quant Time: Sep 28 00:40:17 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	143943	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	558543	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	278360	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	529773	20.00	ng	0.00
75) Chrysene-d12	14.13	240	440112	20.00	ng	0.01
86) Perylene-d12	15.59	264	353386	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1064417	125.10	ng	0.01
7) Phenol-d6	6.57	99	1341818	124.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	908005	107.26	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	407050	168.43	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1526909	90.05	ng	0.00
78) Terphenyl-d14	13.06	244	1451903	75.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	143128	33.98	ng	90
3) Pyridine	3.42	79	405034	34.09	ng	88
4) n-Nitrosodimethylamine	3.37	42	211822	37.78	ng	100
6) Aniline	6.61	93	482080	29.92	ng	# 90
8) 2-Chlorophenol	6.73	128	419991	44.80	ng	90
9) Benzaldehyde	6.49	77	159560	25.08	ng	# 78
10) Phenol	6.58	94	450094	36.01	ng	# 54
11) bis(2-Chloroethyl)ether	6.69	93	400465	43.68	ng	99
12) 1,3-Dichlorobenzene	6.89	146	468198	42.20	ng	97
13) 1,4-Dichlorobenzene	6.96	146	455905m	40.62	ng	
14) 1,2-Dichlorobenzene	7.12	146	460864	44.13	ng	97
15) Benzyl Alcohol	7.09	79	343278	40.45	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.22	45	652356	41.60	ng	89
17) 2-Methylphenol	7.20	107	361092	45.60	ng	# 88
18) Hexachloroethane	7.46	117	161670	44.23	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	304500	42.44	ng	# 82
20) 3+4-Methylphenols	7.35	107	400227	40.23	ng	# 76
22) Acetophenone	7.36	105	528901	43.18	ng	# 81
24) Nitrobenzene	7.53	77	406023	42.99	ng	# 67
25) Isophorone	7.77	82	820535	43.75	ng	# 89
26) 2-Nitrophenol	7.85	139	230787	67.27	ng	# 73
27) 2,4-Dimethylphenol	7.89	122	394268	46.36	ng	# 84
28) bis(2-Chloroethoxy)methane	7.99	93	552451	50.43	ng	# 95
29) 2,4-Dichlorophenol	8.09	162	405684	51.23	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	386621	43.50	ng	95
31) Naphthalene	8.26	128	1175144	45.61	ng	98
32) Benzoic acid	7.92	122	7858m	4.75	ng	
33) 4-Chloroaniline	8.31	127	244147	21.59	ng	97
34) Hexachlorobutadiene	8.38	225	233154	44.48	ng	99
35) Caprolactam	8.67	113	105517m	49.88	ng	
36) 4-Chloro-3-methylphenol	8.78	107	380004	47.89	ng	# 81
37) 2-Methylnaphthalene	8.95	142	830629	45.24	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	381487	42.94	ng	99
40) Hexachlorocyclopentadiene	9.10	237	400702	105.24	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	293449	50.13	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	287898	49.99	ng	# 92
45) 1,1'-Biphenyl	9.42	154	1041837	47.87	ng	93
46) 2-Chloronaphthalene	9.44	162	824113	47.07	ng	94
47) 2-Nitroaniline	9.53	65	221702	47.61	ng	# 72
48) Acenaphthylene	9.85	152	1212205	40.91	ng	95
49) Dimethylphthalate	9.71	163	1196823	56.50	ng	# 97
50) 2,6-Dinitrotoluene	9.78	165	224661	54.95	ng	# 92
51) Acenaphthene	10.02	154	724349	42.42	ng	88
52) 3-Nitroaniline	9.94	138	156059	35.19	ng	# 68
53) 2,4-Dinitrophenol	10.05	184	56572	76.21	ng	# 60
54) Dibenzofuran	10.19	168	1052628	42.02	ng	# 86
55) 4-Nitrophenol	10.10	139	345127	112.86	ng	# 52
56) 2,4-Dinitrotoluene	10.18	165	310181	63.37	ng	# 96
57) Fluorene	10.54	166	783727	40.77	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	225665	51.33	ng	98
59) Diethylphthalate	10.41	149	893734	43.56	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	415904	47.13	ng	92
61) 4-Nitroaniline	10.56	138	209814	48.71	ng	# 46
62) Azobenzene	10.70	77	982681	46.85	ng	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	72919	55.69	ng	97
65) n-Nitrosodiphenylamine	10.65	169	725445	40.61	ng	91
66) 4-Bromophenyl-phenylether	11.03	248	282343	47.87	ng	# 82
67) Hexachlorobenzene	11.09	284	298834	48.56	ng	# 85
68) Atrazine	11.18	200	240697	45.06	ng	84
69) Pentachlorophenol	11.28	266	282357	82.78	ng	100
70) Phenanthrene	11.51	178	1383381	45.67	ng	96
71) Anthracene	11.55	178	1221912	41.87	ng	95
72) Carbazole	11.71	167	1266060	46.73	ng	96
73) Di-n-butylphthalate	12.03	149	1369087	41.51	ng	# 97
74) Fluoranthene	12.70	202	1371195	44.93	ng	85
76) Benzidine	12.81	184	384511	25.74	ng	98
77) Pyrene	12.93	202	1466061m	44.18	ng	
79) Butylbenzylphthalate	13.54	149	640842	48.46	ng	# 93
80) Benzo(a)anthracene	14.12	228	1172138	43.92	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	250388	29.54	ng	# 96
82) Chrysene	14.15	228	1067551m	41.71	ng	
83) Bis(2-ethylhexyl)phthalate	14.09	149	807338	50.35	ng	# 91
84) Di-n-octyl phthalate	14.71	149	1245670	52.83	ng	95
85) Indeno(1,2,3-cd)pyrene	17.06	276	1006146	42.94	ng	# 88
87) Benzo(b)fluoranthene	15.16	252	1104925	52.73	ng	# 88
88) Benzo(k)fluoranthene	15.19	252	760658m	37.68	ng	
89) Benzo(a)pyrene	15.53	252	898100	47.47	ng	# 85
90) Dibenzo(a,h)anthracene	17.09	278	827487	41.97	ng	# 78
91) Benzo(g,h,i)perylene	17.51	276	848477	41.74	ng	# 76

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

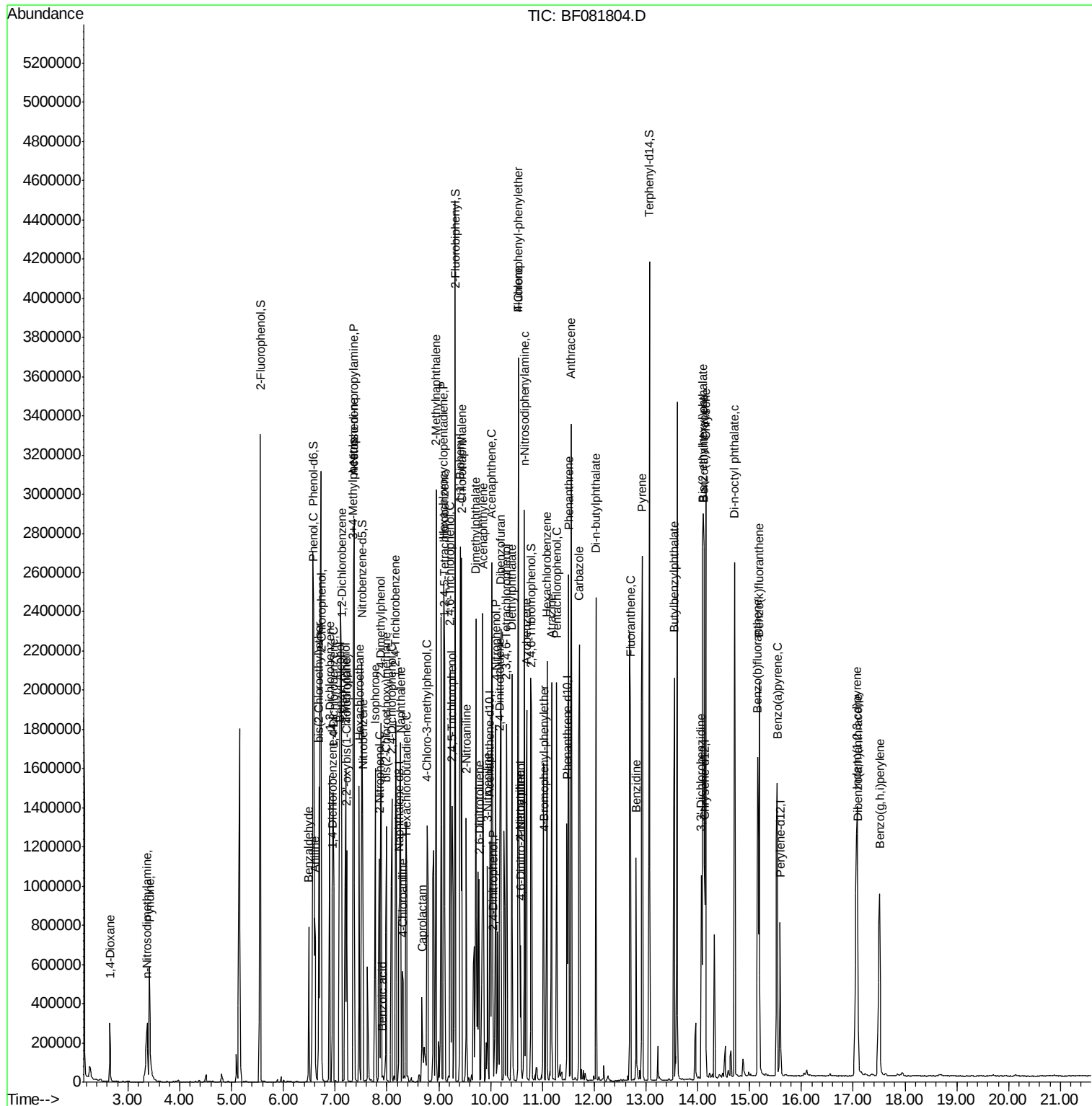
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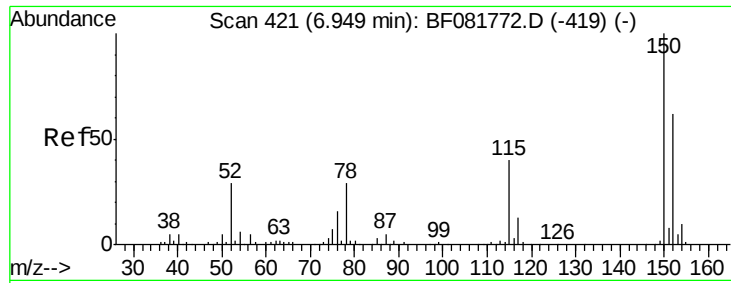
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

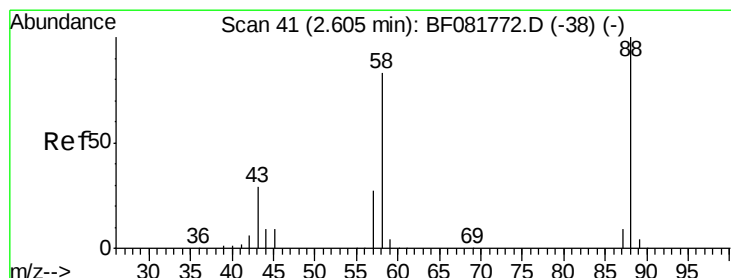
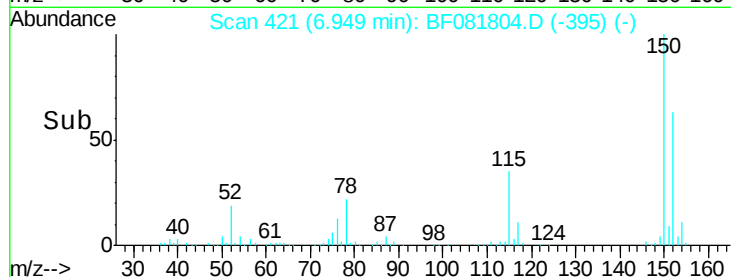
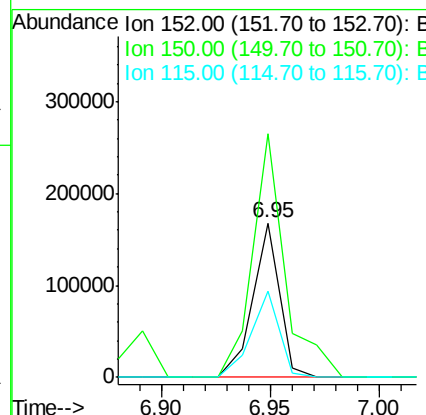
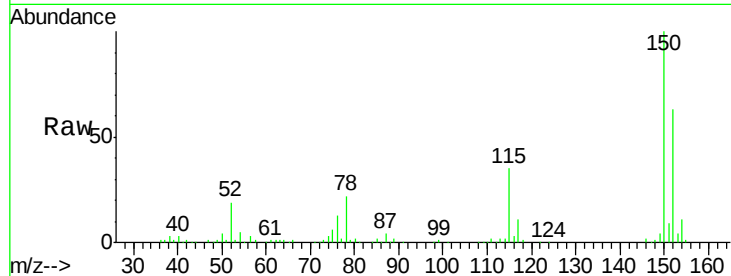
ClientSampleId :

MGP209BR-29-30MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.7	187.1
115	55.6	39.0	58.4

Manual Integrations
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#2

1,4-Dioxane

Concen: 33.98 ng

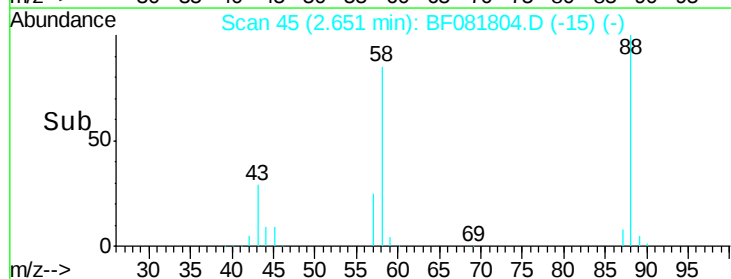
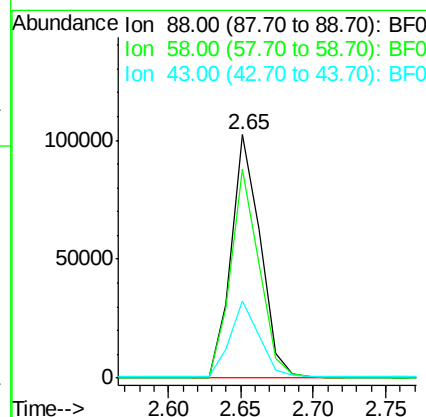
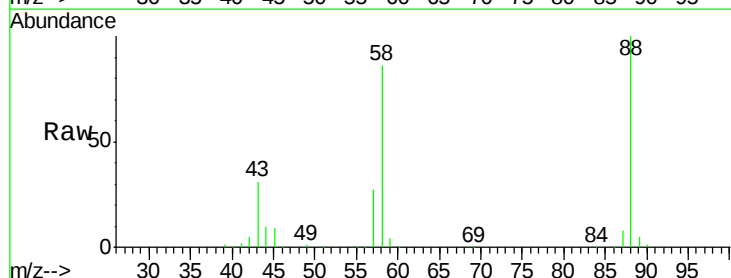
RT: 2.65 min Scan# 45

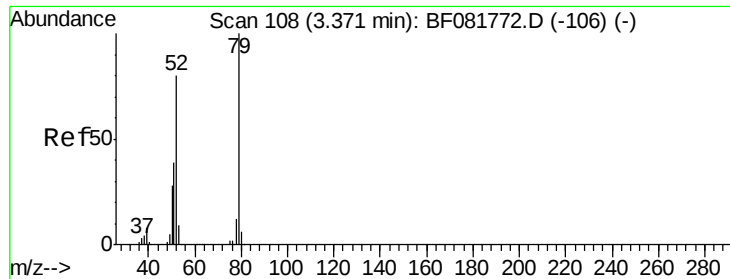
Delta R.T. 0.05 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	77.7	116.5
43	31.4	26.6	40.0





#3

Pyridine

Concen: 34.09 ng

RT: 3.42 min Scan# 112

Delta R.T. 0.05 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

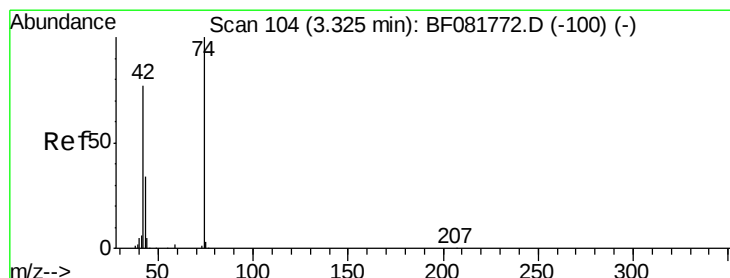
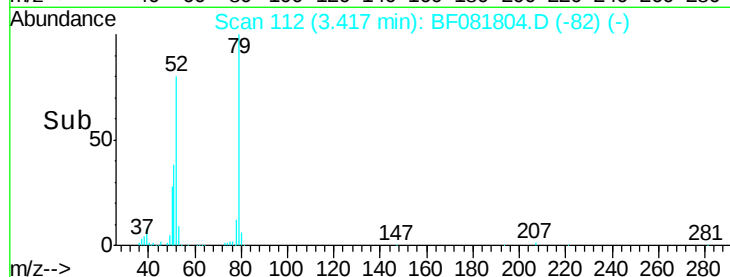
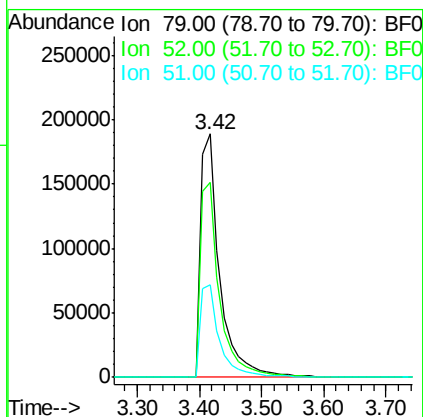
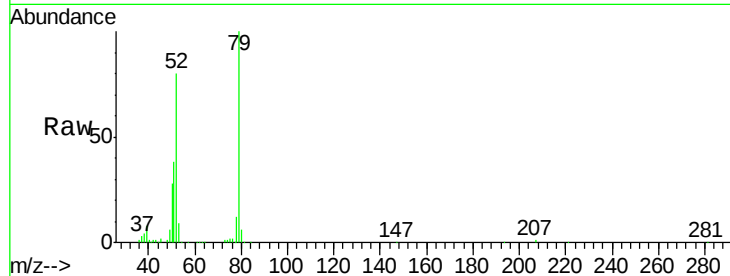
ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:	79	Resp:	405034
Ion	Ratio	Lower	Upper
79	100		
52	80.3	76.8	115.2
51	38.0	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 37.78 ng

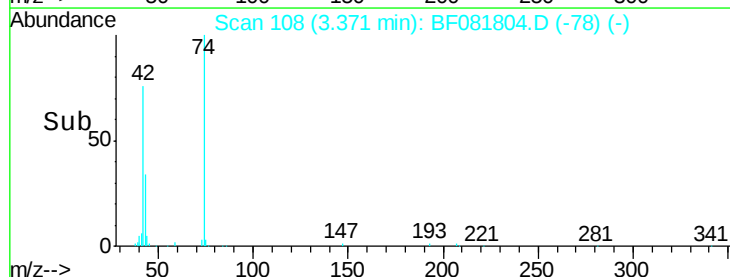
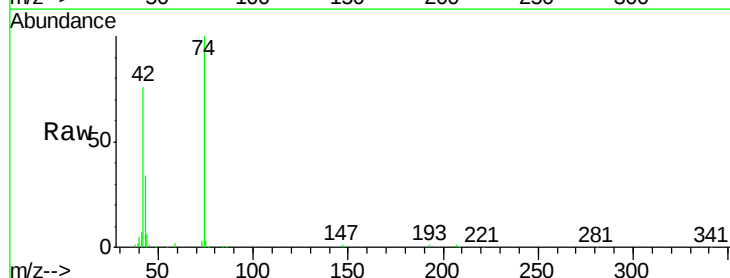
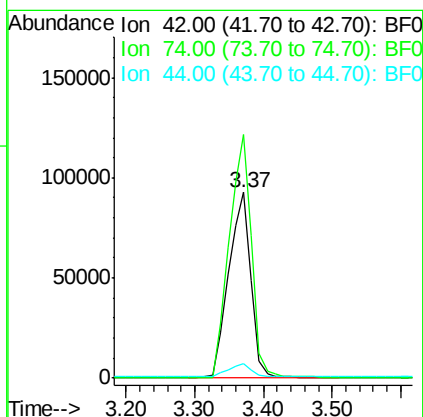
RT: 3.37 min Scan# 108

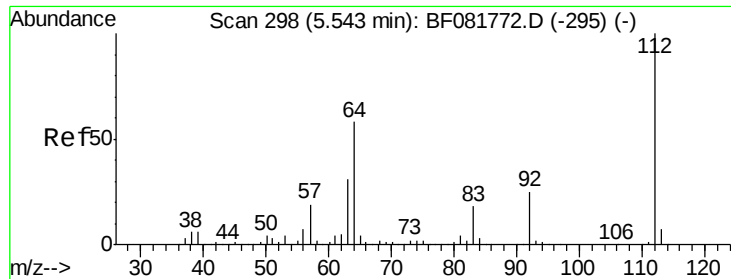
Delta R.T. 0.05 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion:	42	Resp:	211822
Ion	Ratio	Lower	Upper
42	100		
74	130.9	105.0	157.6
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 125.10 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion: 112 Resp: 1064417
Ion Ratio Lower Upper

112 100

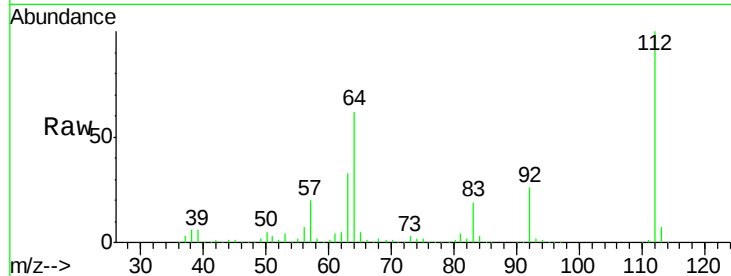
64 61.7 39.7 59.5#

63 33.0 17.4 26.0#

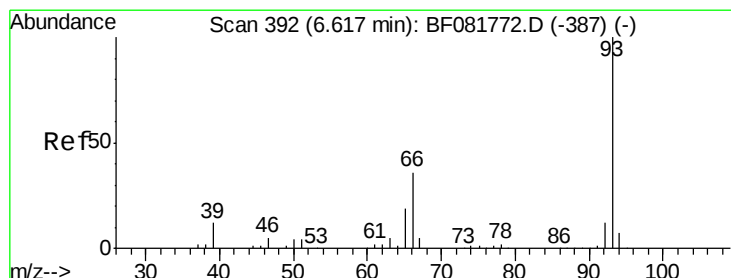
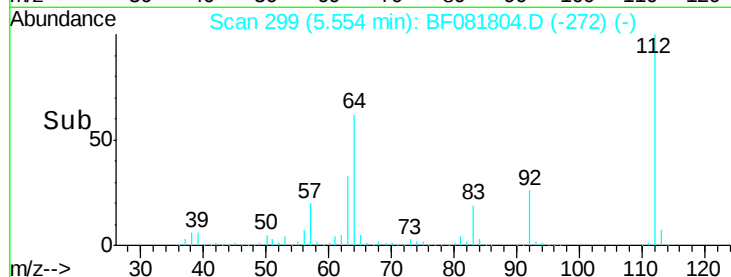
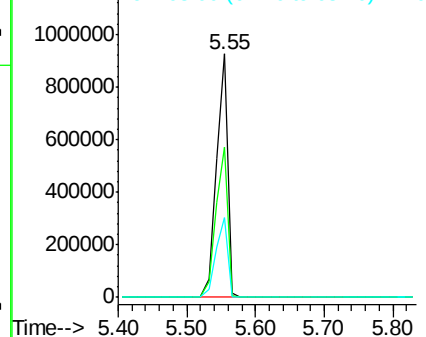
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.92 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081804.D

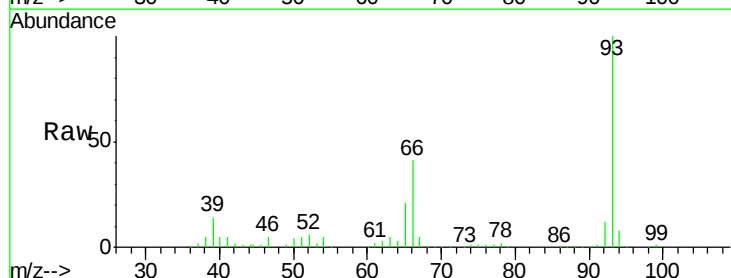
Acq: 25 Sep 2015 15:43

Tgt Ion: 93 Resp: 482080
Ion Ratio Lower Upper

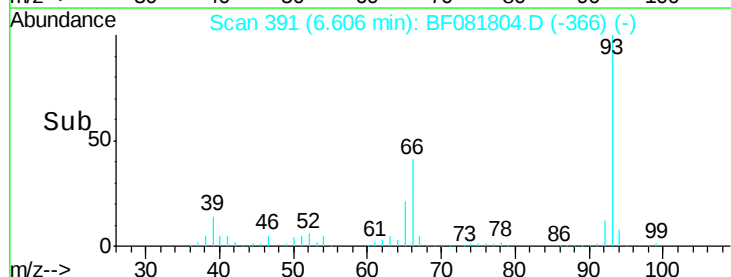
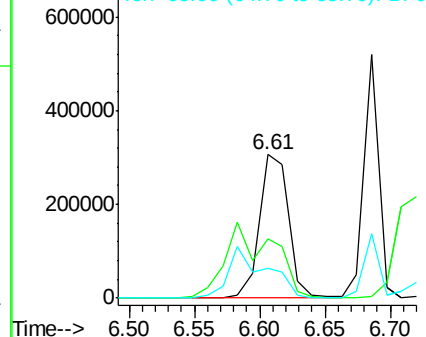
93 100

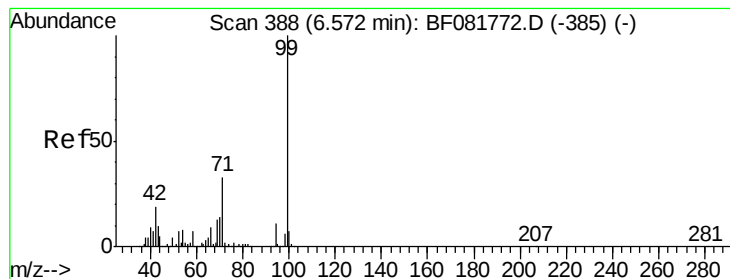
66 41.0 27.2 40.8#

65 21.2 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: 124.68 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081804.D

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ClientSampleId :

MGP209BR-29-30MS

Tgt Ion: 99 Resp: 1341818

Ion Ratio Lower Upper

99 100

42 20.4 13.7 20.5

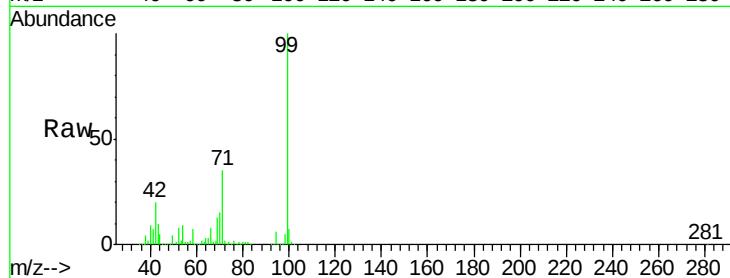
71 34.8 14.2 21.2#

Manual Integrations

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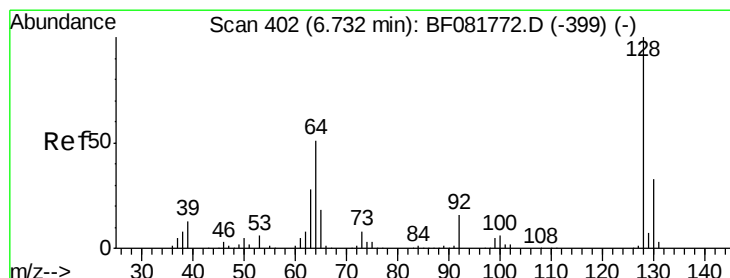
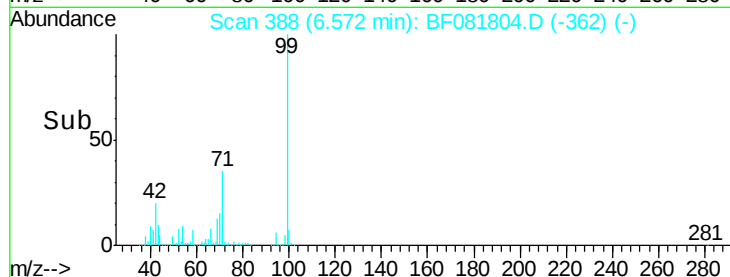
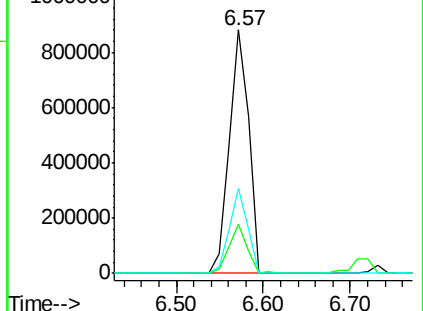
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.80 ng

RT: 6.73 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

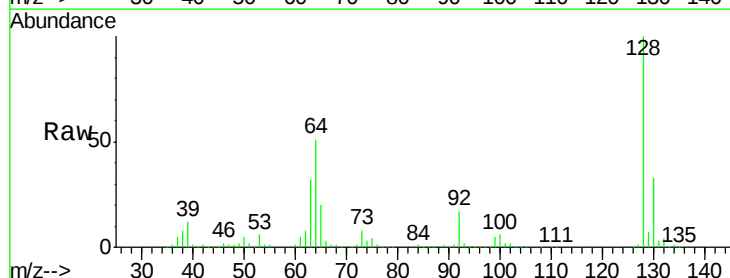
Tgt Ion: 128 Resp: 419991

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

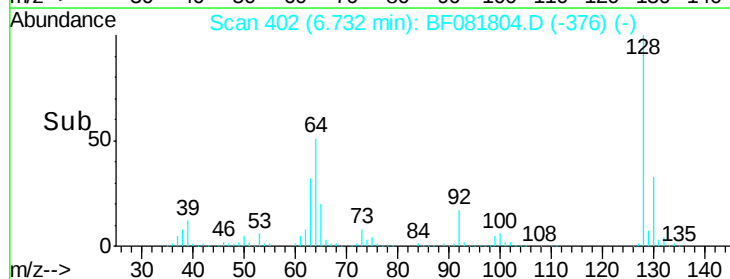
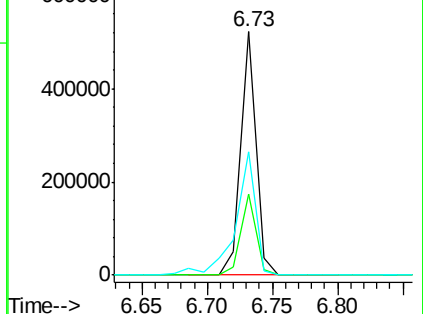
64 50.5 20.5 60.5

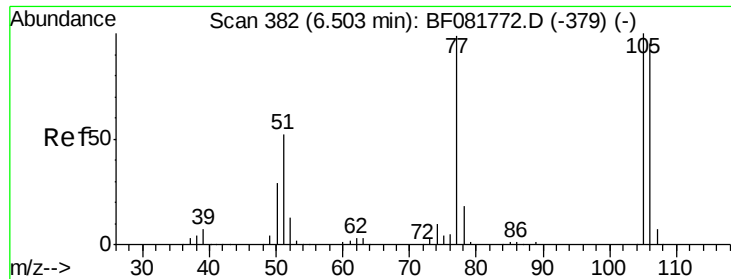


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





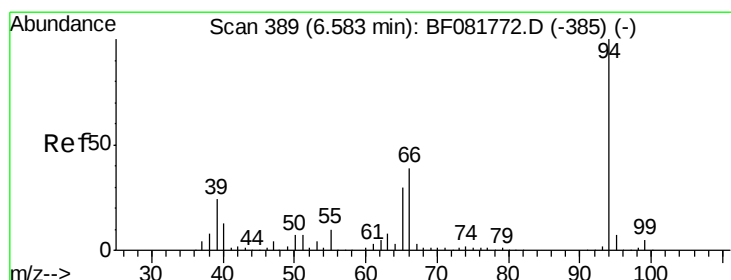
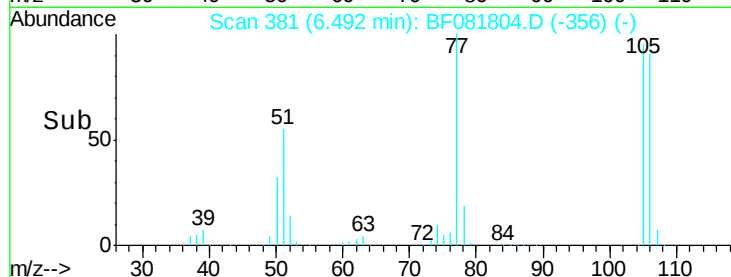
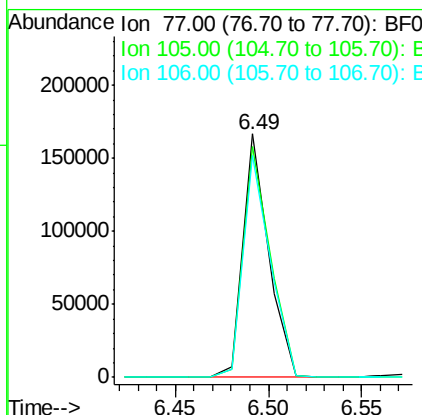
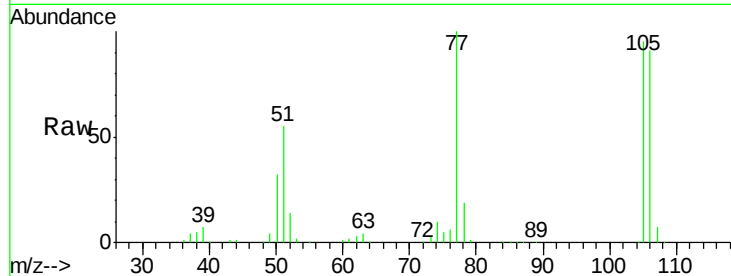
#9
Benzaldehyde
Concen: 25.08 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
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MGP209BR-29-30MS

Tgt Ion: 77 Resp: 159560
Ion Ratio Lower Upper
77 100
105 94.9 91.6 131.6
106 91.3 102.6 142.6#

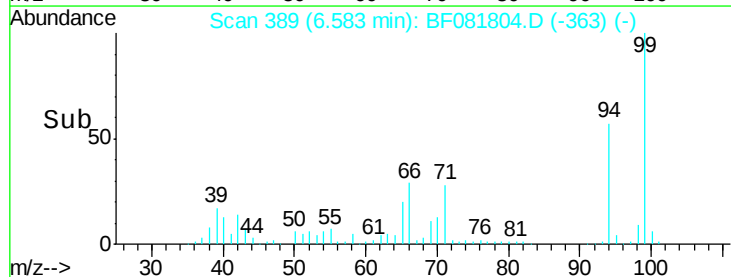
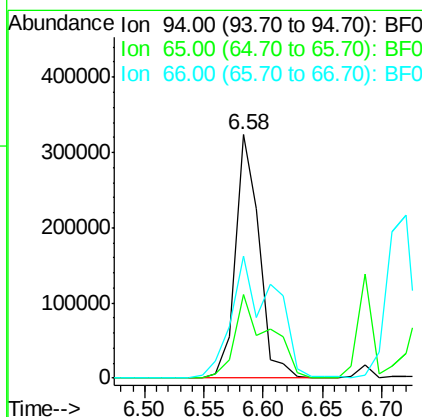
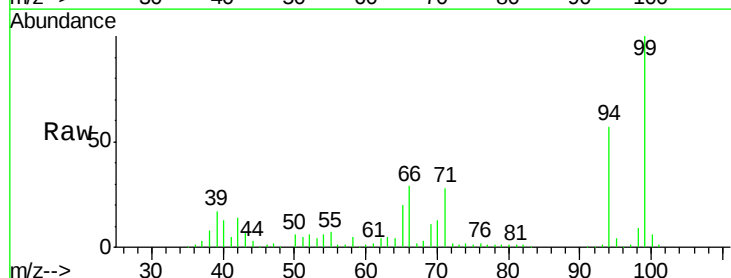
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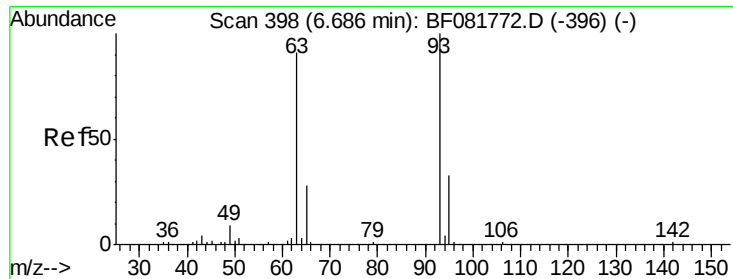
MMDadoda
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#10
Phenol
Concen: 36.01 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion: 94 Resp: 450094
Ion Ratio Lower Upper
94 100
65 34.3 0.7 40.7
66 50.2 0.8 40.8#





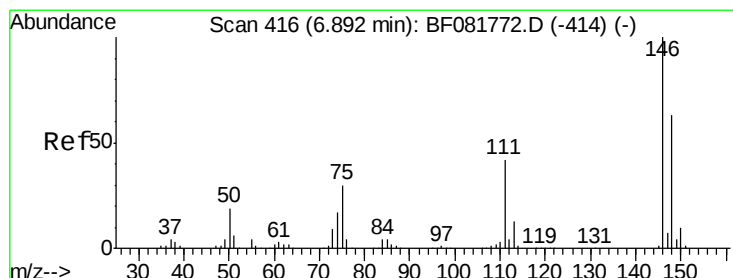
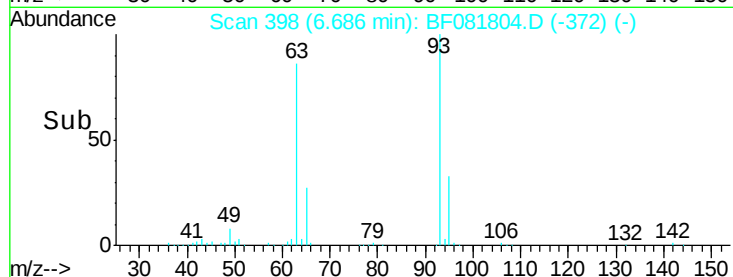
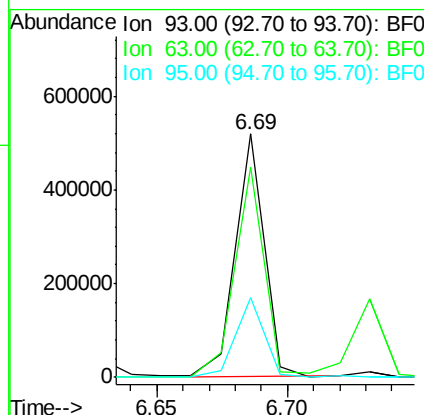
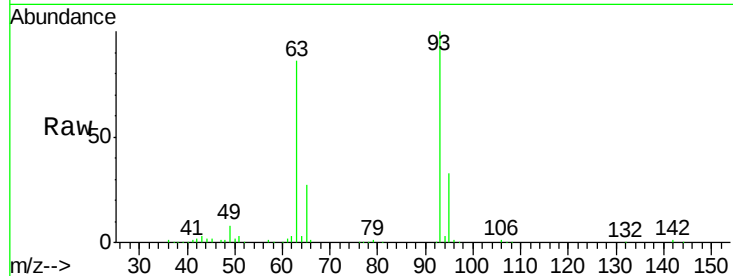
#11
bis(2-Chloroethyl)ether
Concen: 43.68 ng
RT: 6.69 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	400465		
63	86.3	65.6	105.6	
95	32.7	13.6	53.6	

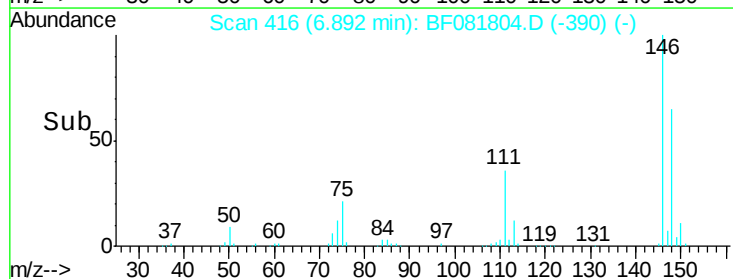
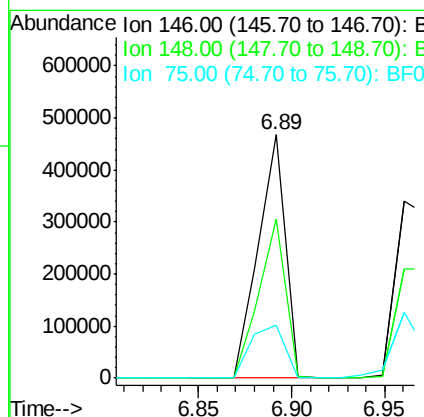
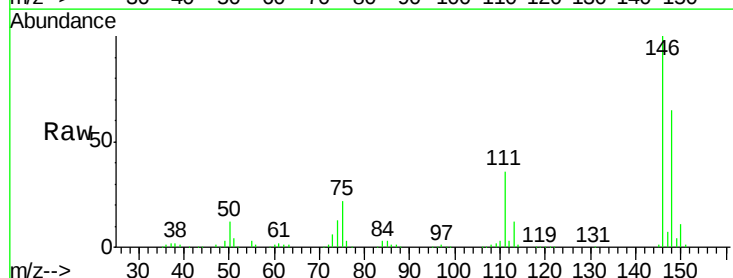
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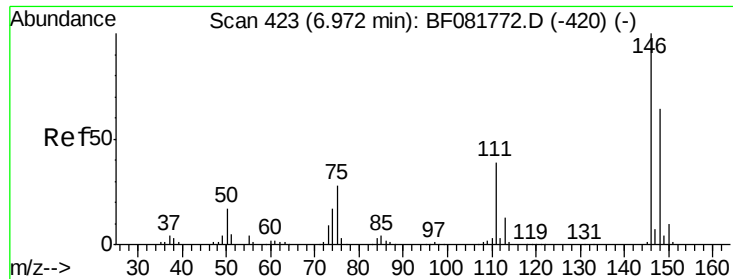
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#12
1,3-Dichlorobenzene
Concen: 42.20 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	468198		
148	65.1	51.0	76.4	
75	21.6	15.0	22.6	





#13

1,4-Dichlorobenzene

Concen: 40.62 ng m

RT: 6.96 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

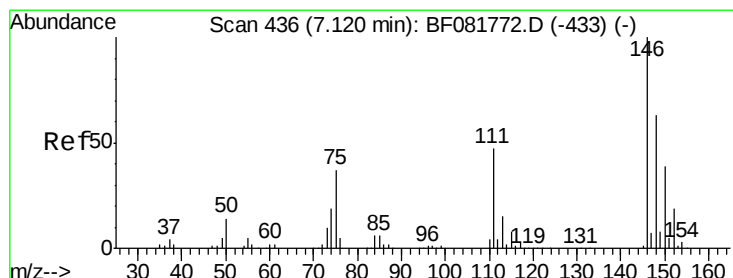
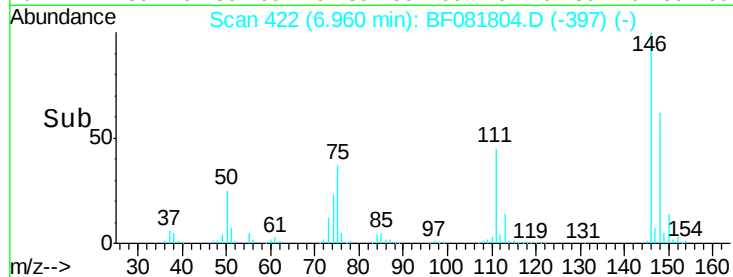
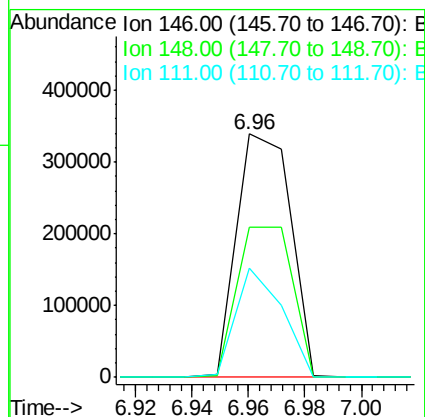
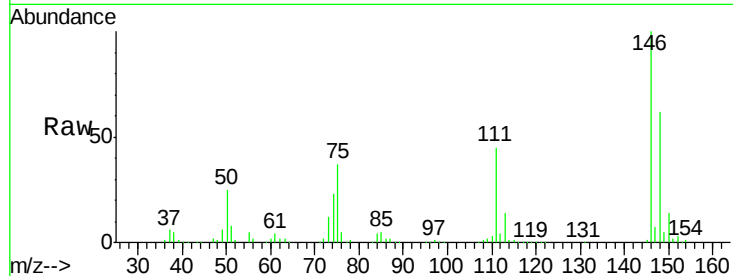
ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:	146	Resp:	455905
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.8	77.6
111	44.7	24.9	37.3

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#14

1,2-Dichlorobenzene

Concen: 44.13 ng

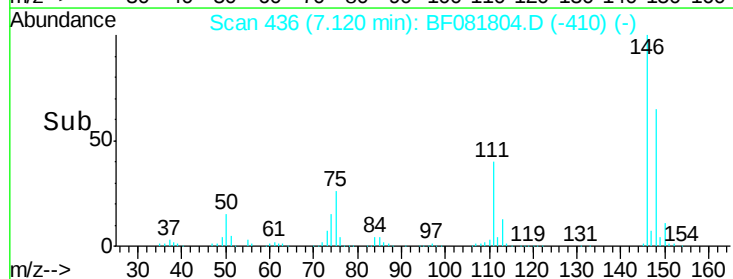
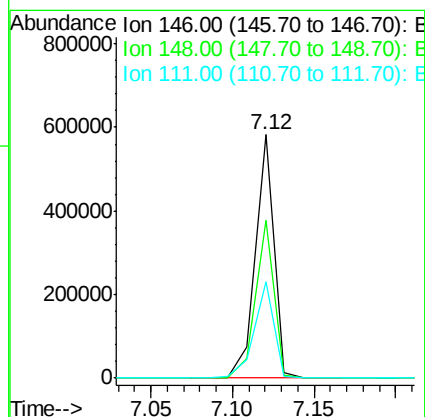
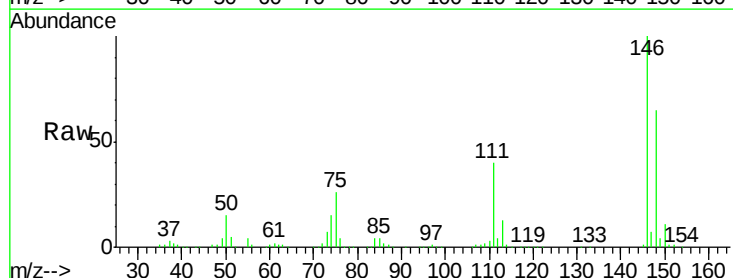
RT: 7.12 min Scan# 436

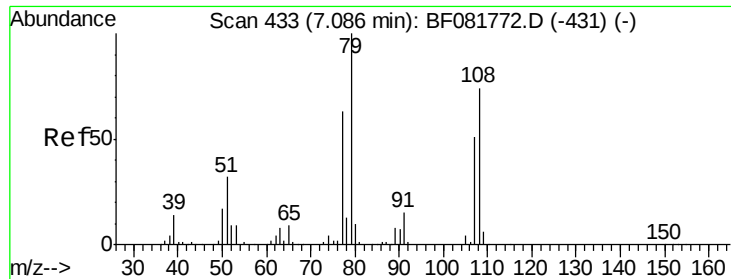
Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion:	146	Resp:	460864
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.7	79.1
111	39.7	28.8	43.2





#15

Benzyl Alcohol

Concen: 40.45 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion: 79 Resp: 343278

Ion Ratio Lower Upper

79 100

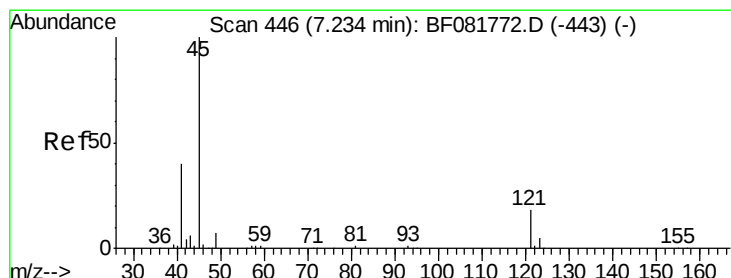
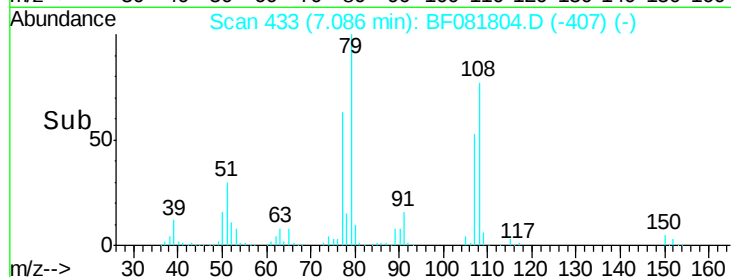
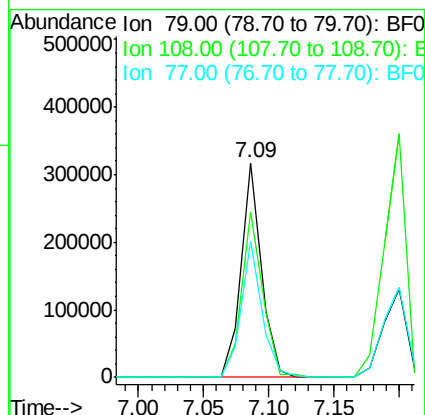
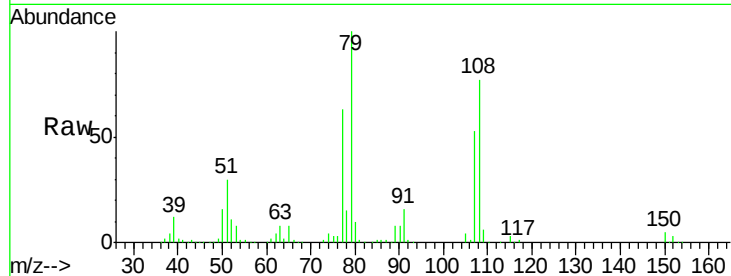
108 77.0 88.6 132.8#

77 63.2 47.0 70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.60 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

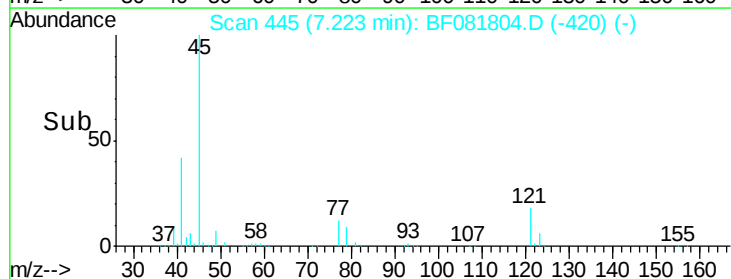
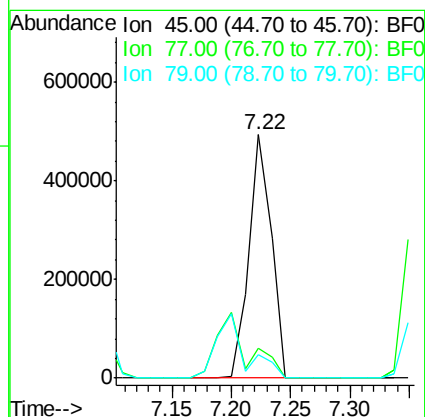
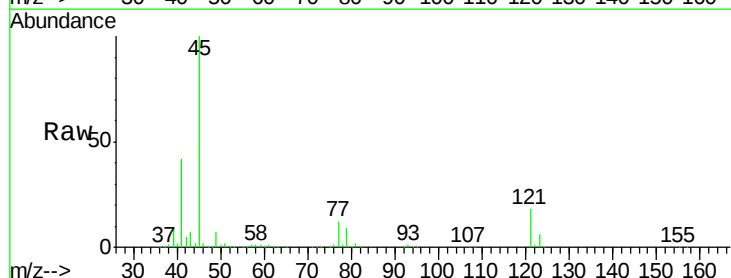
Tgt Ion: 45 Resp: 652356

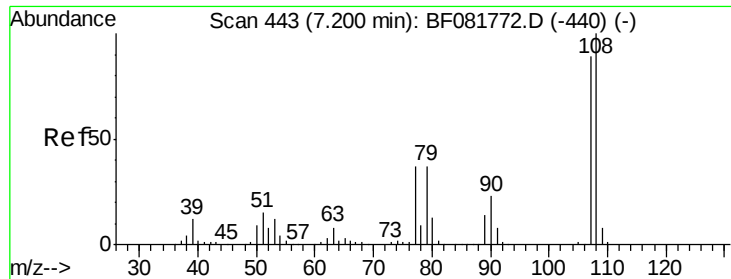
Ion Ratio Lower Upper

45 100

77 12.4 0.0 28.1

79 9.5 0.0 26.0





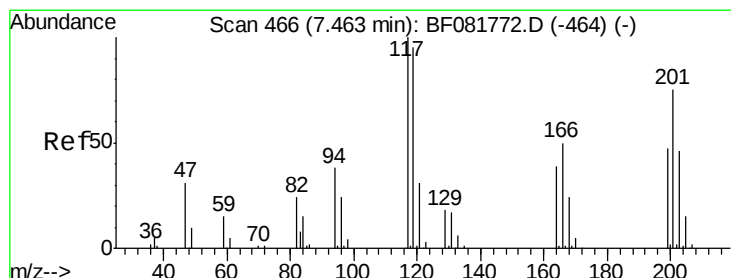
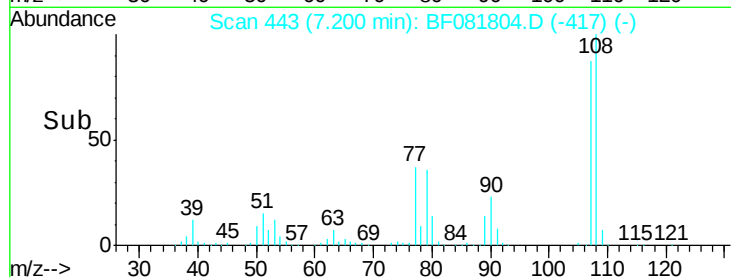
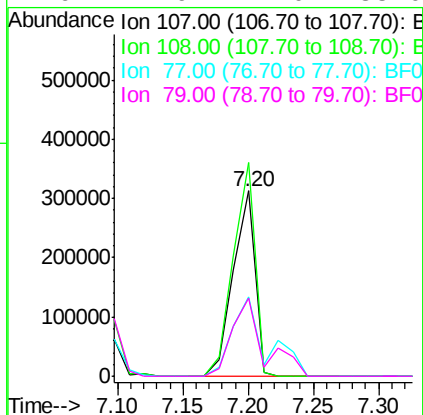
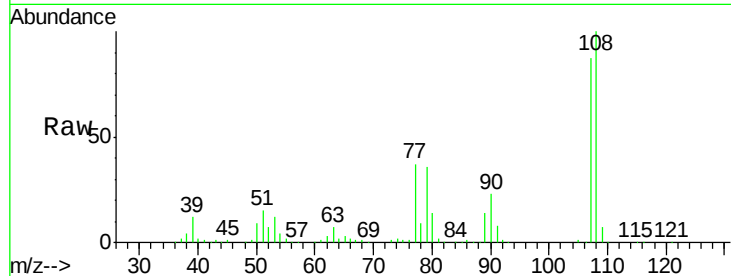
#17
2-Methylphenol
Concen: 45.60 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	361092		
108	115.2	96.6	145.0	
77	42.8	23.3	34.9#	
79	41.9	22.0	33.0#	

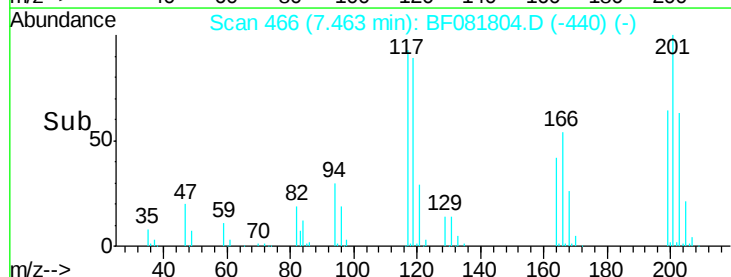
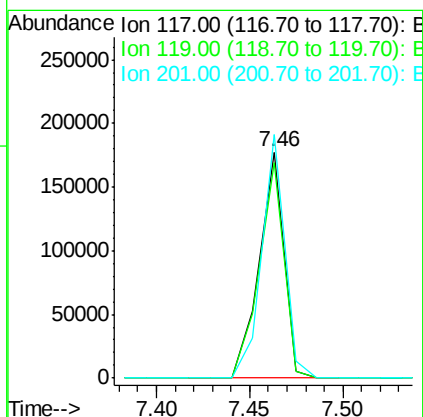
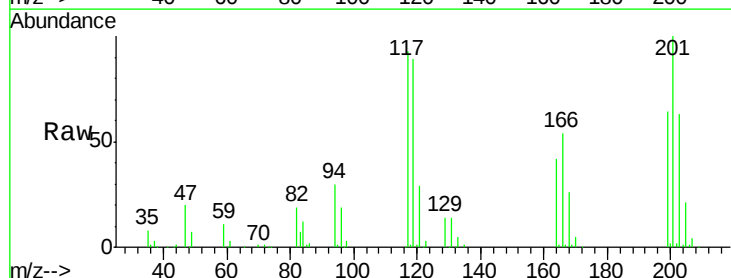
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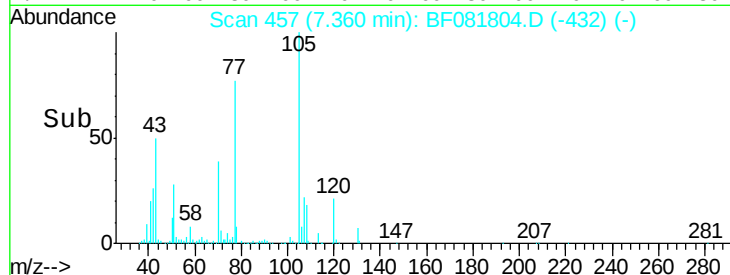
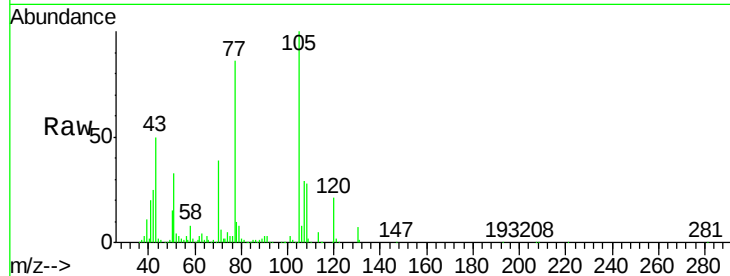
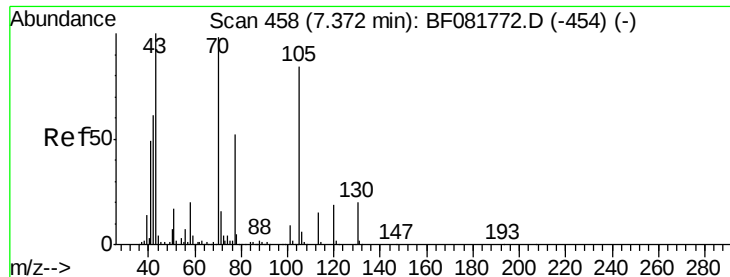
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#18
Hexachloroethane
Concen: 44.23 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	161670		
119	95.5	83.8	125.6	
201	107.7	55.1	82.7#	





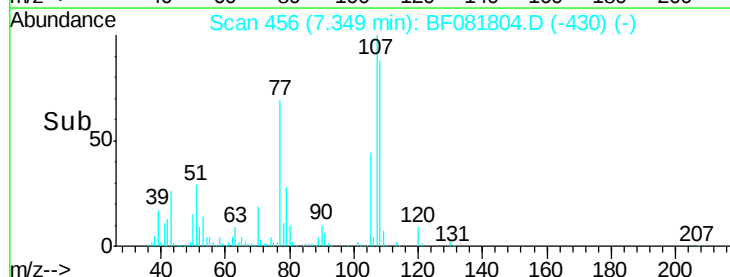
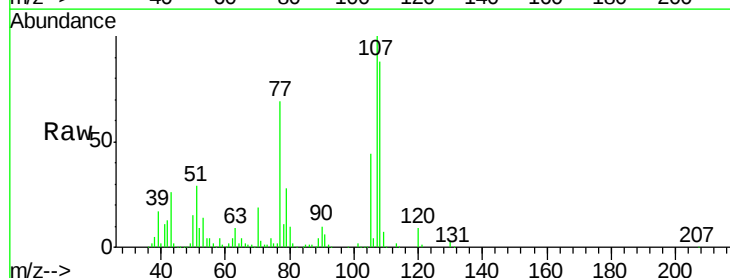
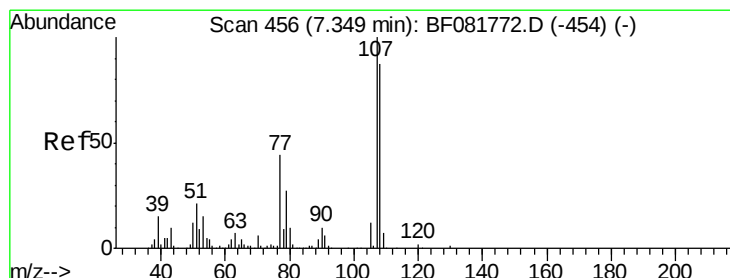
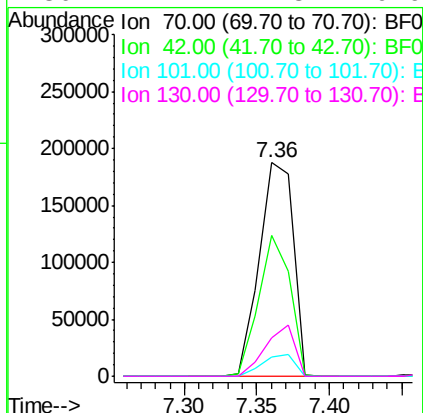
#19
n-Nitroso-di-n-propylamine
Concen: 42.44 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

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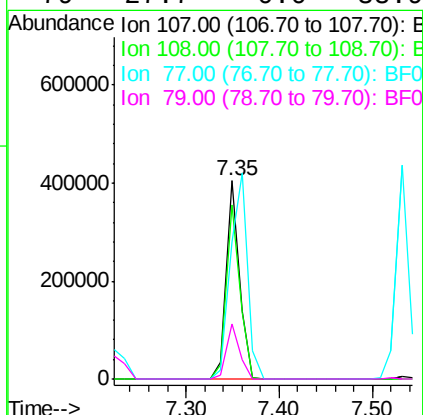
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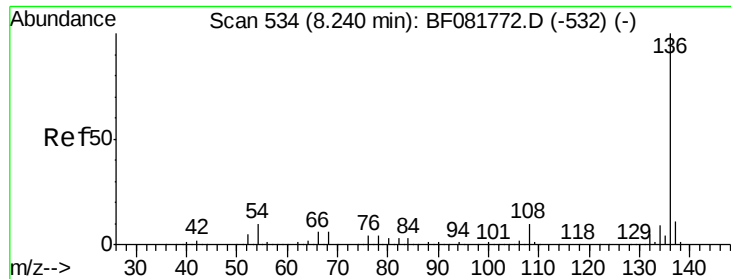
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	65.9	63.8	95.6	
101	8.7	9.2	13.8	
130	17.7	27.3	40.9	



#20
3+4-Methylphenols
Concen: 40.23 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.0	74.6	114.6	
77	69.3	0.7	40.7	
79	27.7	0.0	38.9	





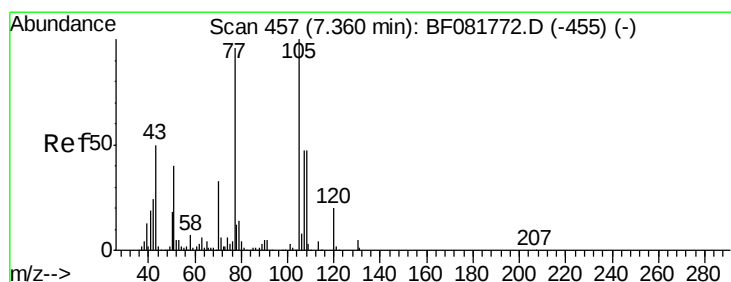
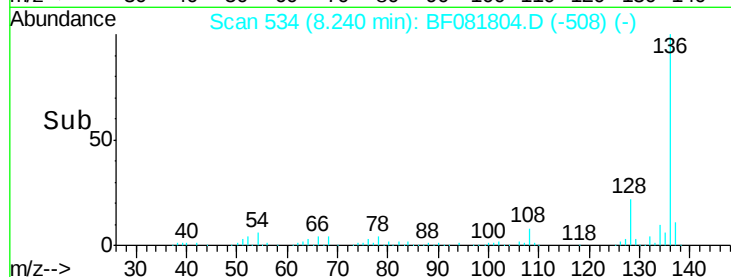
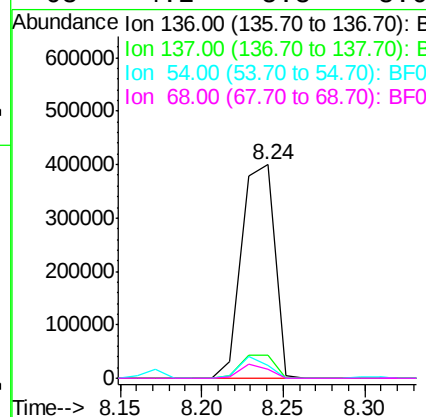
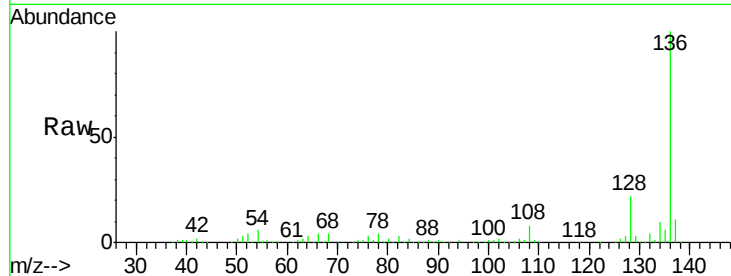
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	558543		
137	10.7	9.0	13.6	
54	6.0	8.2	12.2#	
68	4.2	5.8	8.6#	

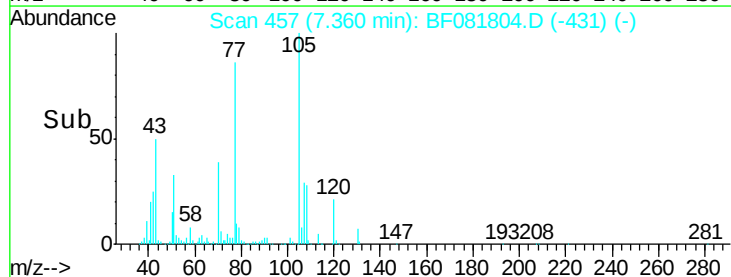
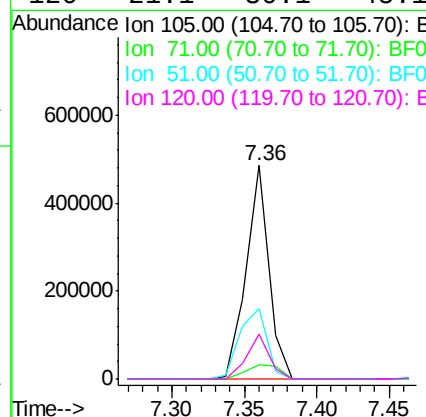
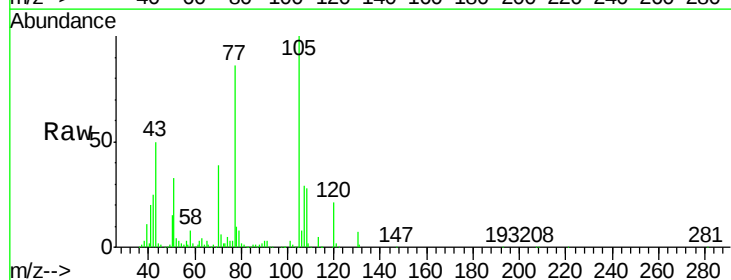
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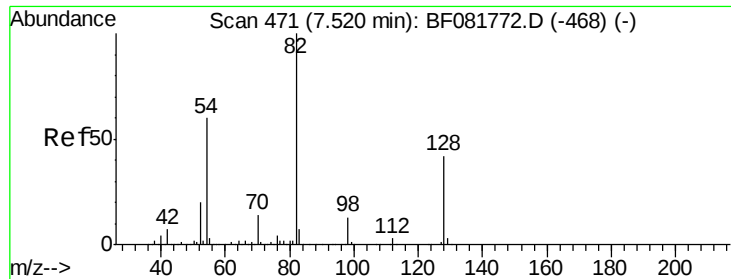
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#22
Acetophenone
Concen: 43.18 ng
RT: 7.36 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	528901		
71	6.3	4.7	7.1	
51	32.9	22.0	33.0	
120	21.1	30.1	45.1#	





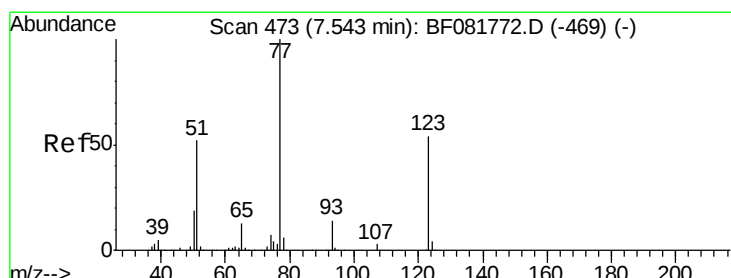
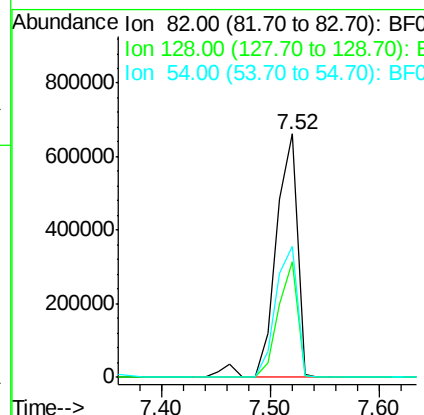
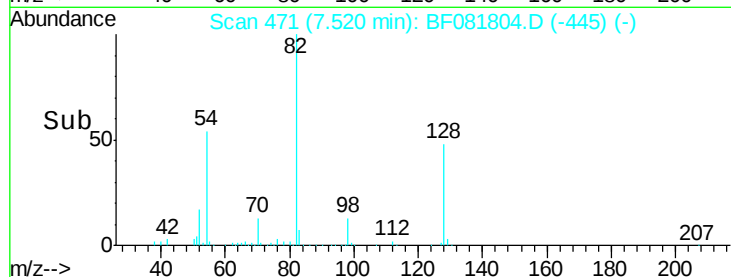
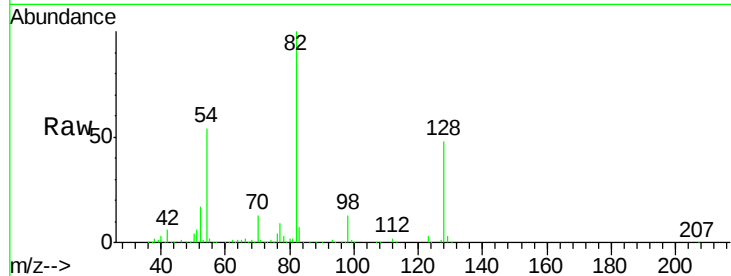
#23
 Nitrobenzene-d5
 Concen: 107.26 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	908005		
128	47.6	51.0	76.6#	
54	53.7	47.5	71.3	

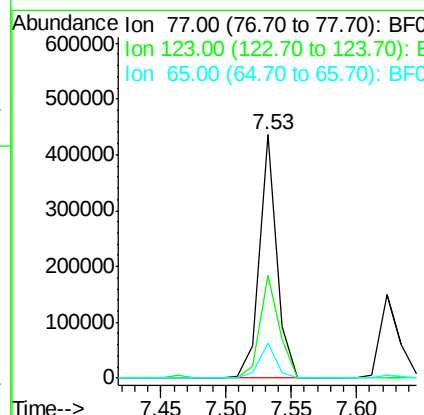
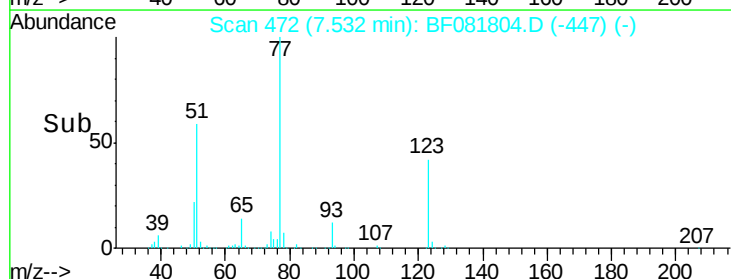
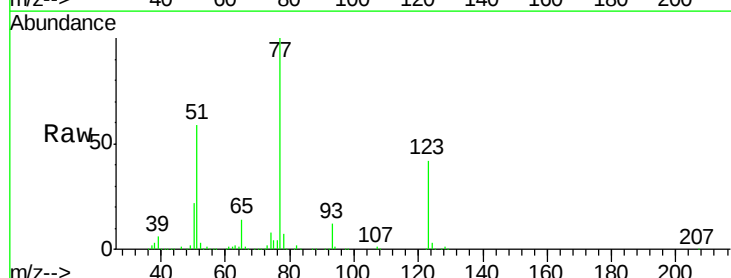
Manual Integrations
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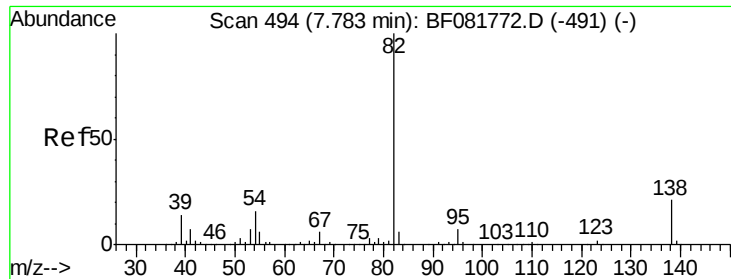
MMDadoda
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#24
 Nitrobenzene
 Concen: 42.99 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	406023		
123	42.2	59.8	89.8#	
65	14.2	10.2	15.4	





#25

Isophorone

Concen: 43.75 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion: 82 Resp: 820535

Ion Ratio Lower Upper

82 100

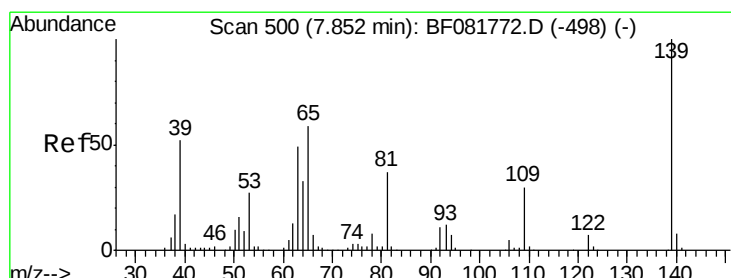
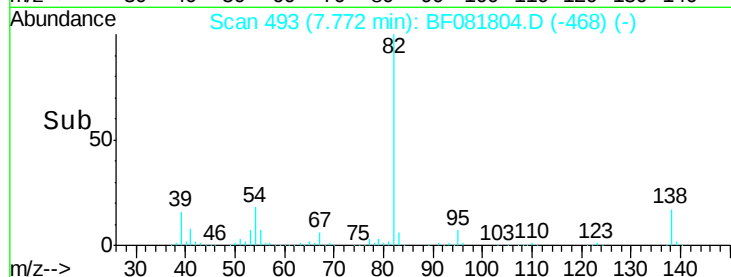
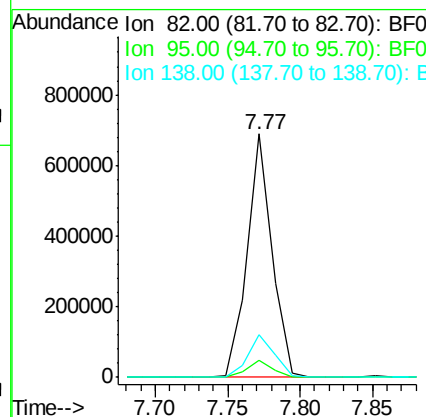
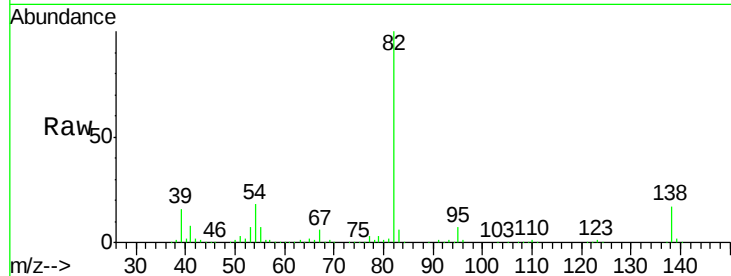
95 7.0 4.0 6.0#

138 17.3 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 67.27 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

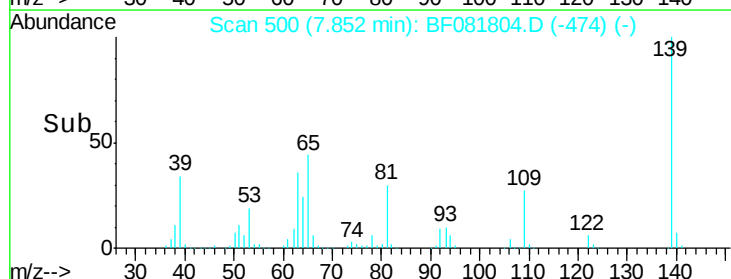
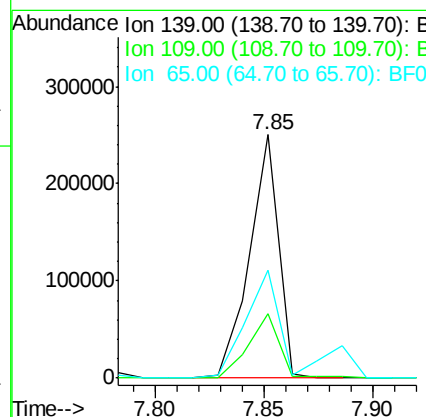
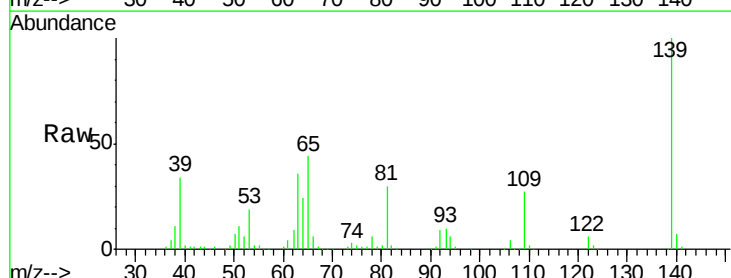
Tgt Ion: 139 Resp: 230787

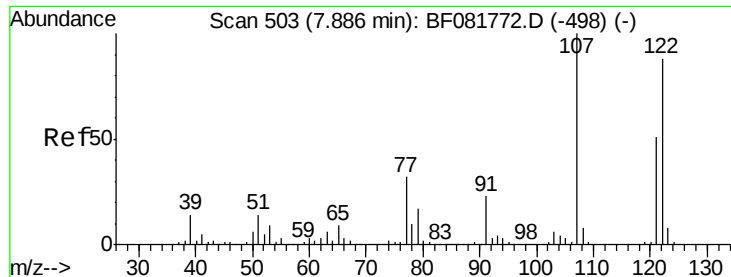
Ion Ratio Lower Upper

139 100

109 26.6 11.0 16.4#

65 44.1 24.7 37.1#





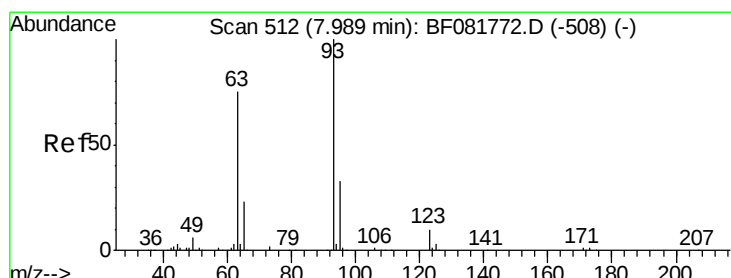
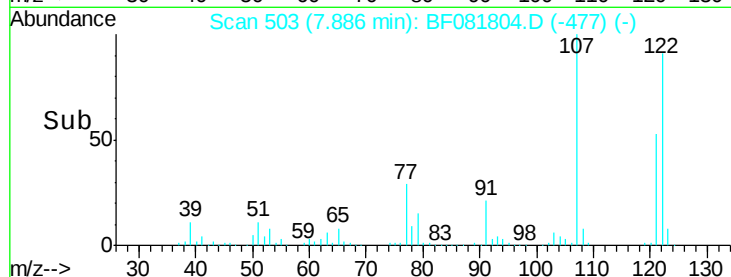
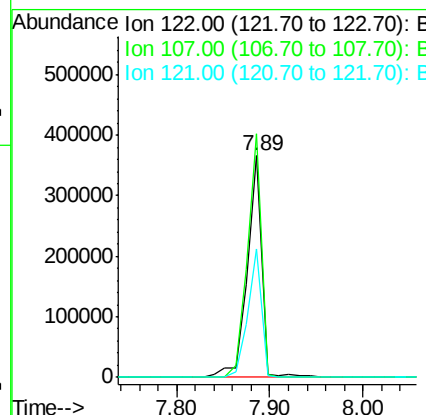
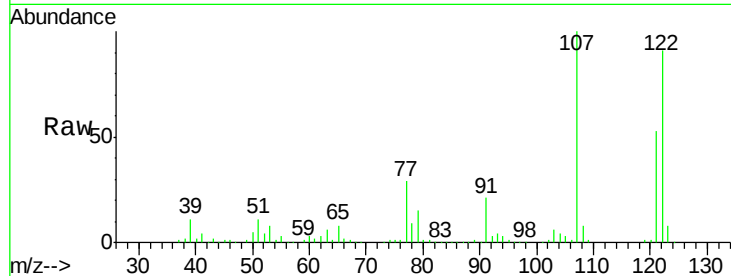
#27
 2,4-Dimethylphenol
 Concen: 46.36 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion: 122 Resp: 394268
 Ion Ratio Lower Upper
 122 100
 107 110.0 71.8 107.6#
 121 58.1 42.3 63.5

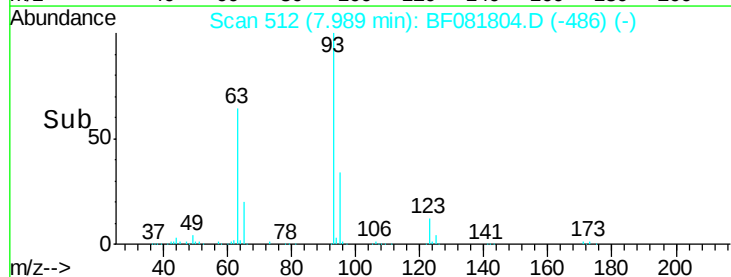
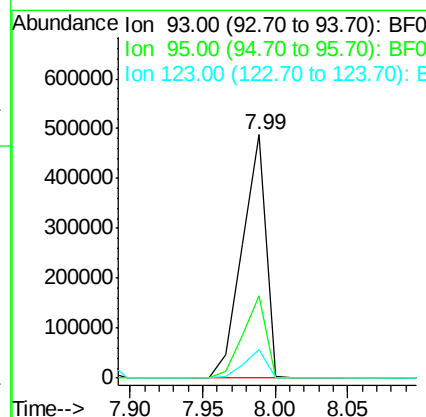
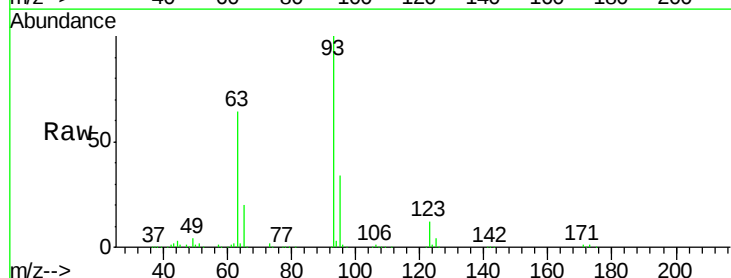
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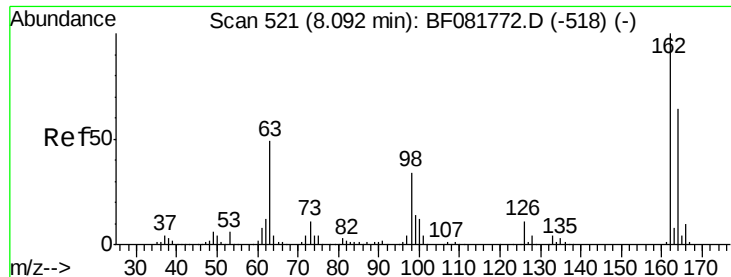
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.43 ng
 RT: 7.99 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion: 93 Resp: 552451
 Ion Ratio Lower Upper
 93 100
 95 33.6 27.5 41.3
 123 12.0 13.7 20.5#





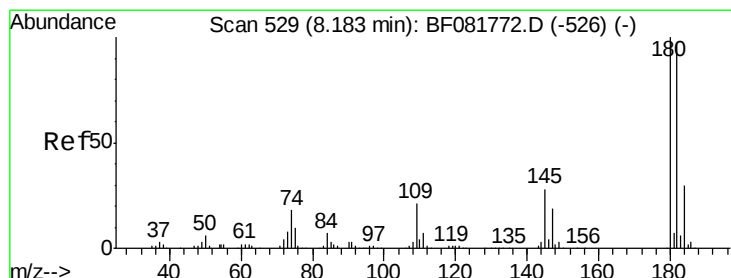
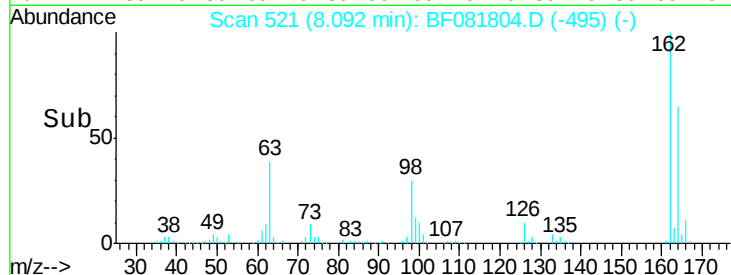
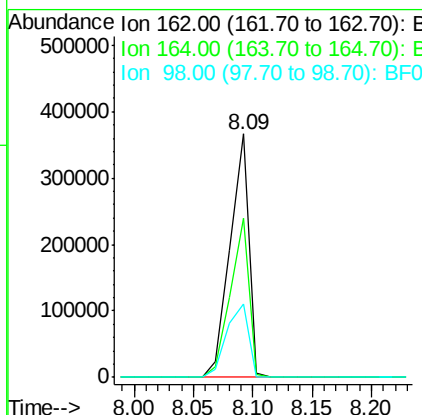
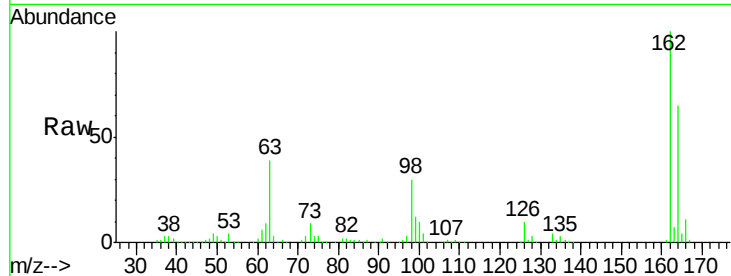
#29
 2,4-Dichlorophenol
 Concen: 51.23 ng
 RT: 8.09 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	405684		
164	65.4	44.9	84.9	
98	29.9	13.0	53.0	

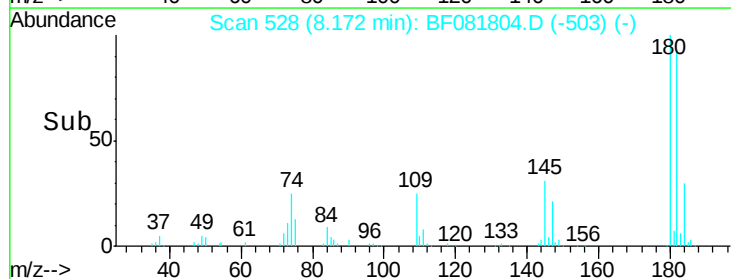
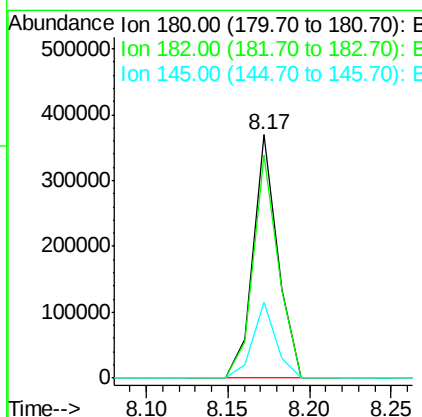
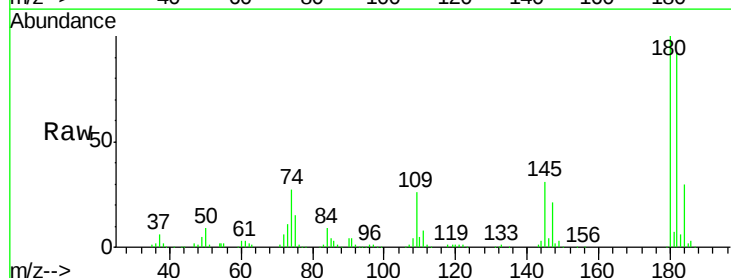
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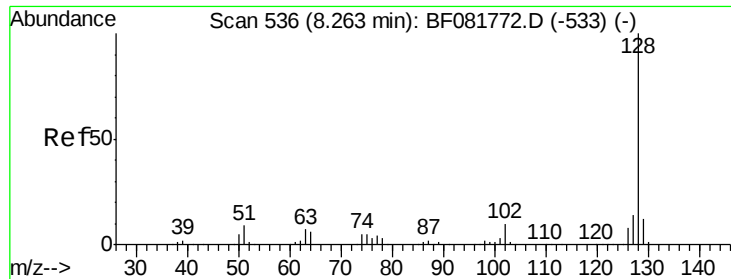
MMDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.50 ng
 RT: 8.17 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386621		
182	91.8	77.1	115.7	
145	31.3	23.3	34.9	





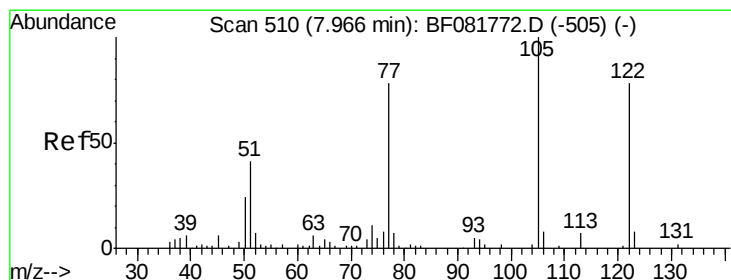
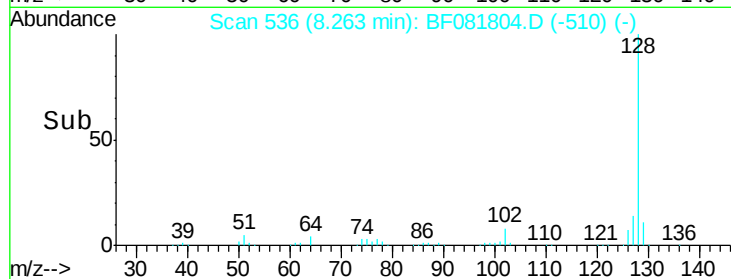
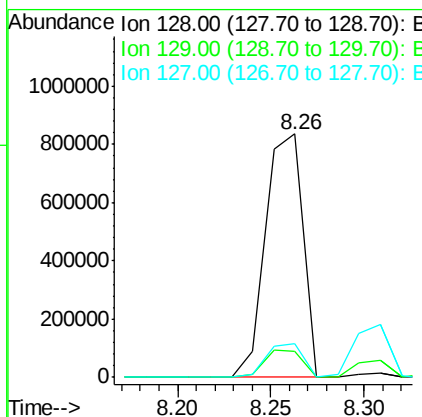
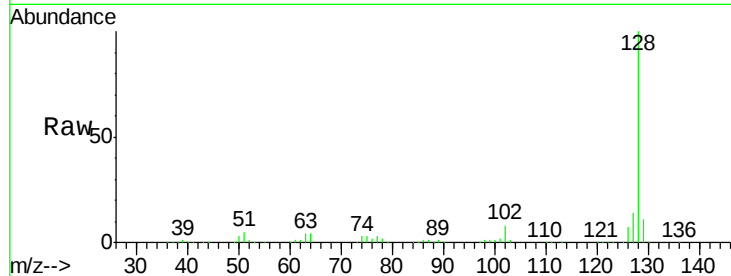
#31
Naphthalene
Concen: 45.61 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion:128 Resp: 1175144
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.7 9.9 14.9

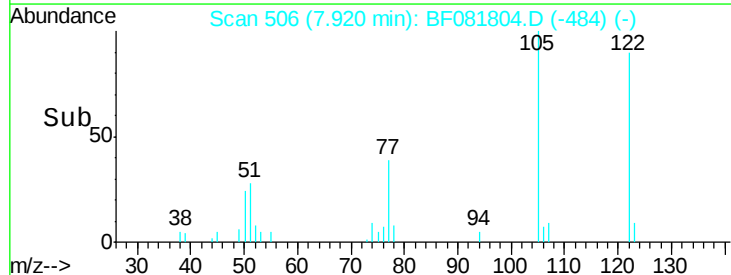
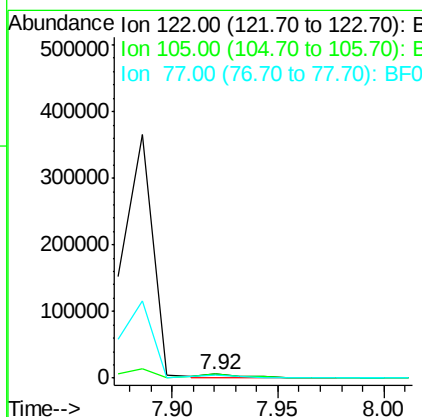
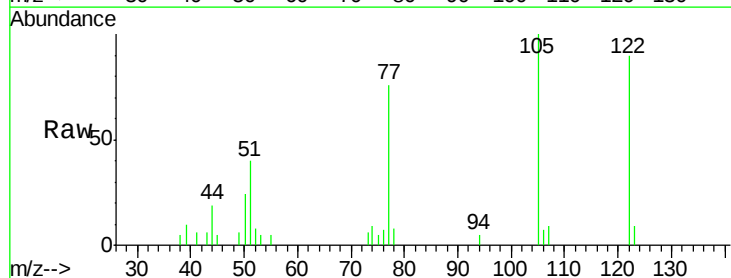
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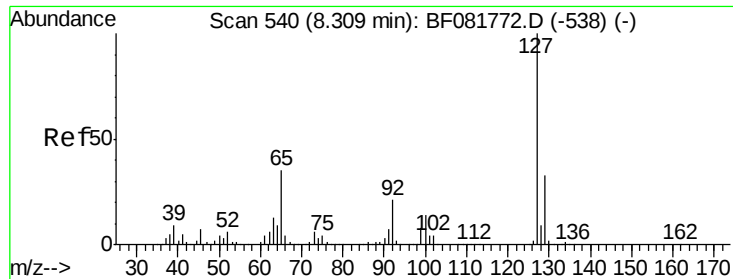
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#32
Benzoic acid
Concen: 4.75 ng m
RT: 7.92 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion:122 Resp: 7858
Ion Ratio Lower Upper
122 100
105 111.6 76.1 116.1
77 84.8 40.5 80.5#





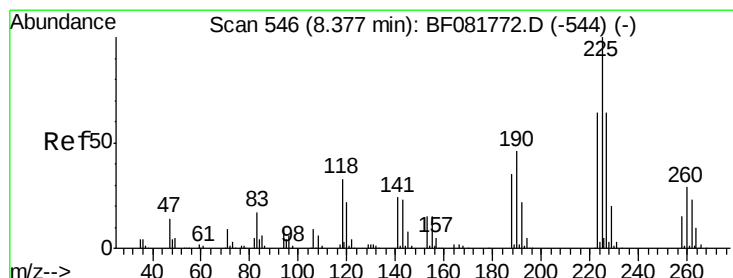
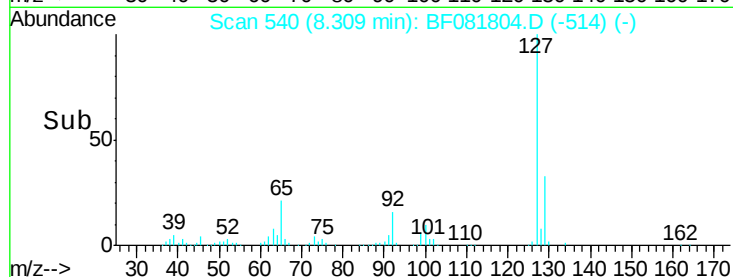
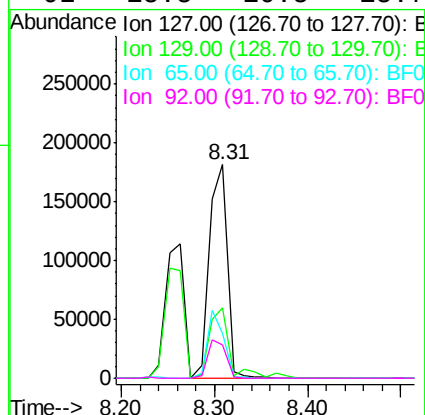
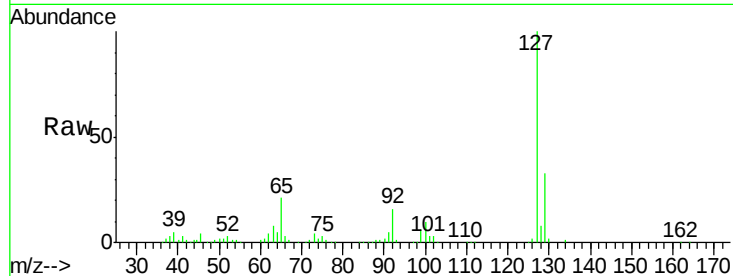
#33
4-Chloroaniline
Concen: 21.59 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	244147		
129	33.0	25.8	38.6	
65	20.9	17.9	26.9	
92	15.5	10.5	15.7	

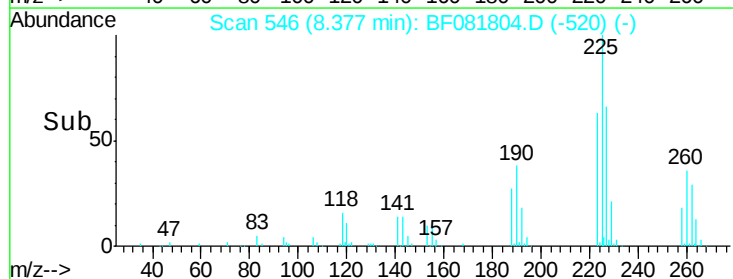
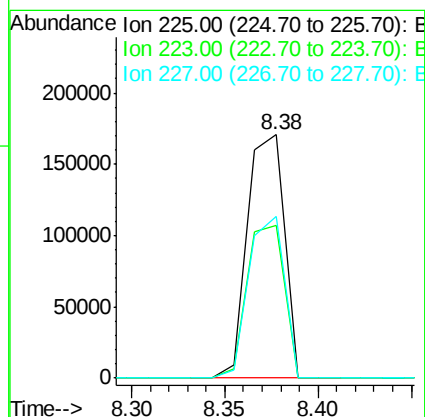
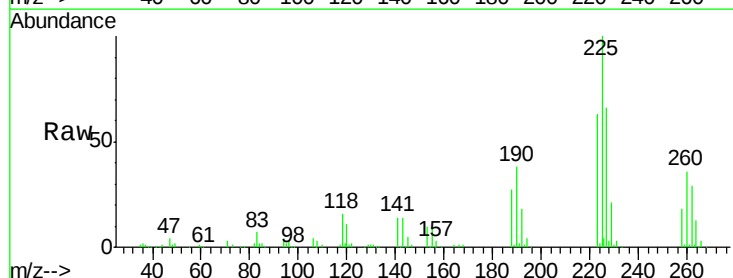
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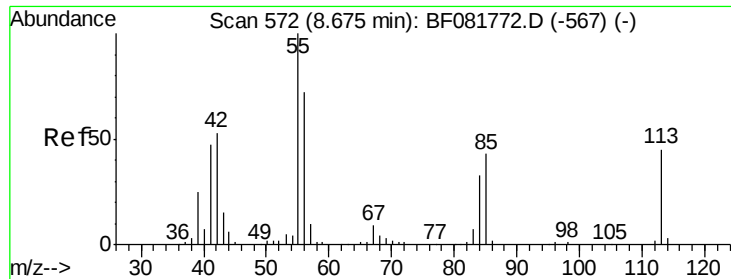
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#34
Hexachlorobutadiene
Concen: 44.48 ng
RT: 8.38 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233154		
223	62.6	50.2	75.2	
227	66.3	52.2	78.2	





#35

Caprolactam

Concen: 49.88 ng m

RT: 8.67 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:113 Resp: 105517
Ion Ratio Lower Upper

113 100

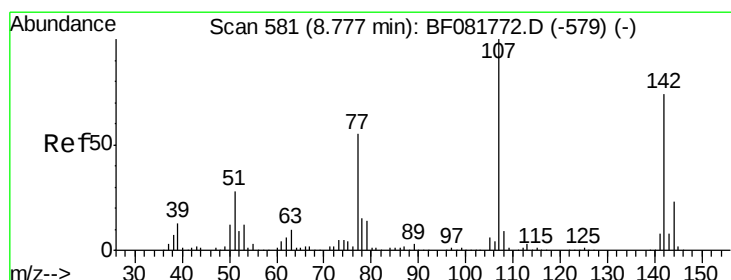
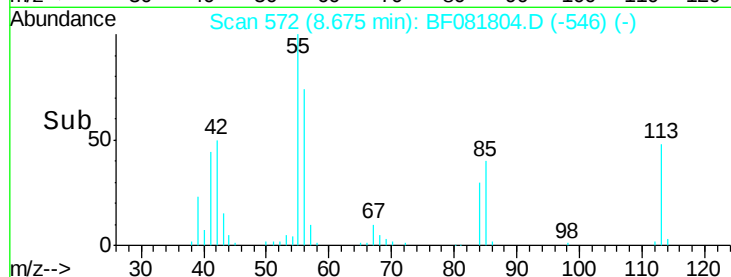
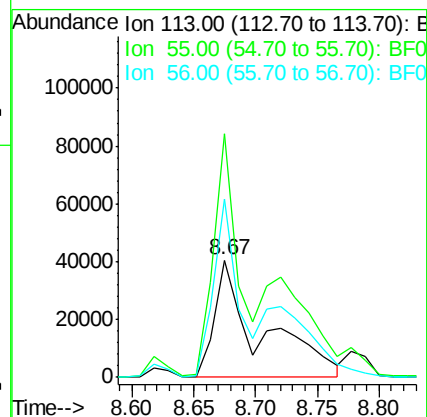
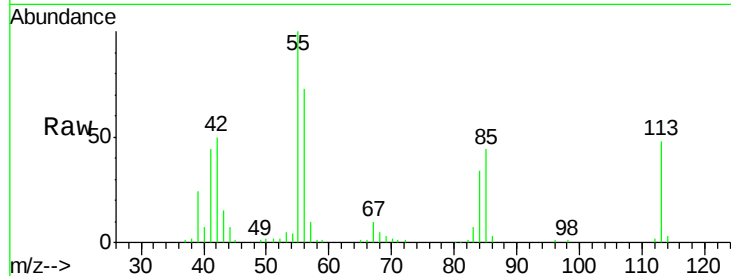
55 207.7 152.4 192.4#

56 152.2 104.6 144.6#

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#36

4-Chloro-3-methylphenol

Concen: 47.89 ng

RT: 8.78 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF081804.D

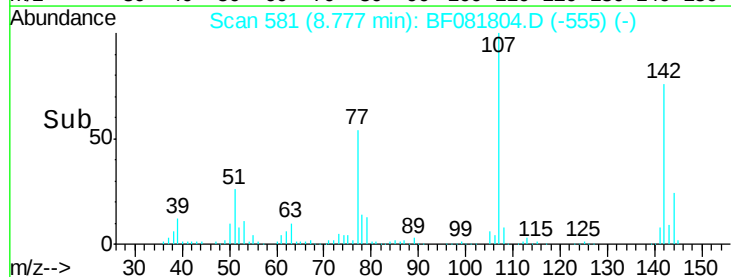
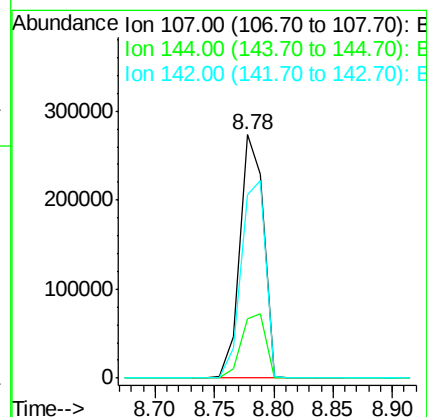
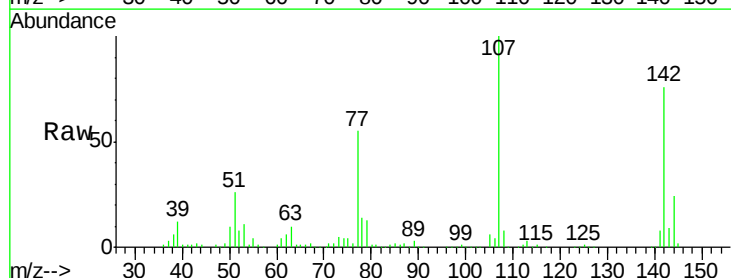
Acq: 25 Sep 2015 15:43

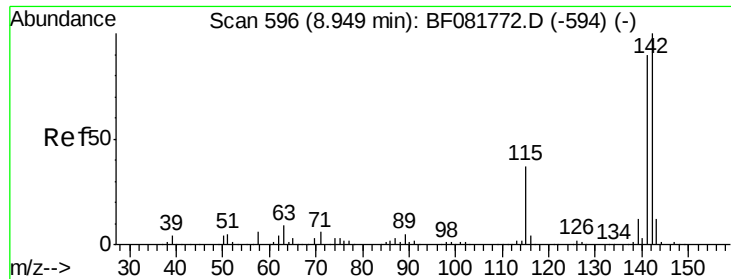
Tgt Ion:107 Resp: 380004
Ion Ratio Lower Upper

107 100

144 24.4 25.4 38.0#

142 75.5 77.3 115.9#





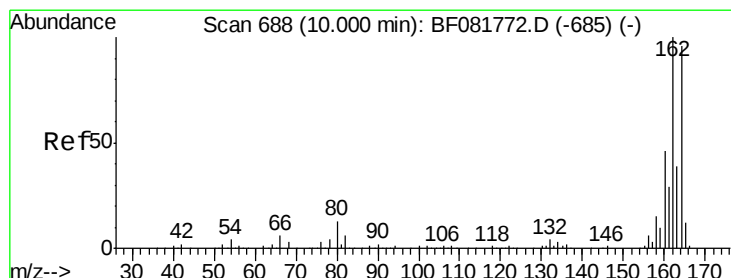
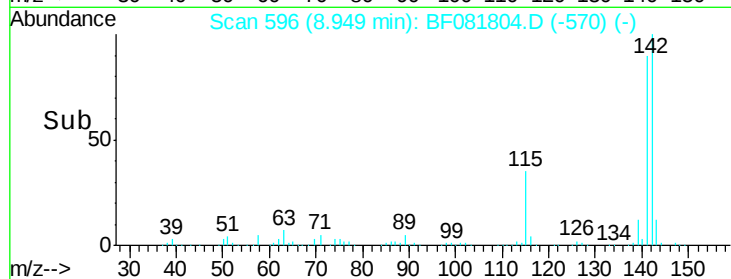
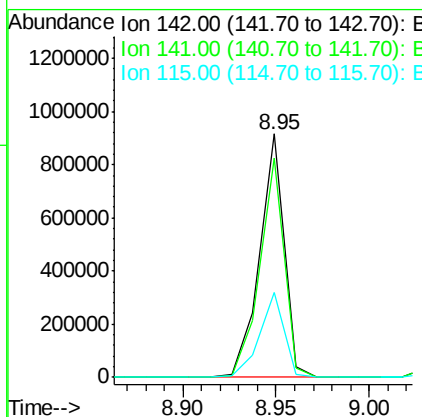
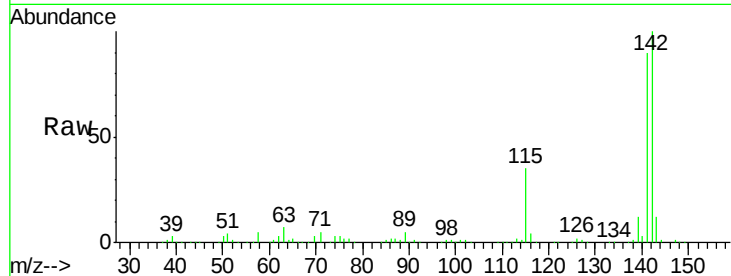
#37
 2-Methylnaphthalene
 Concen: 45.24 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	830629		
141	90.0	67.5	101.3	
115	34.8	18.2	27.2#	

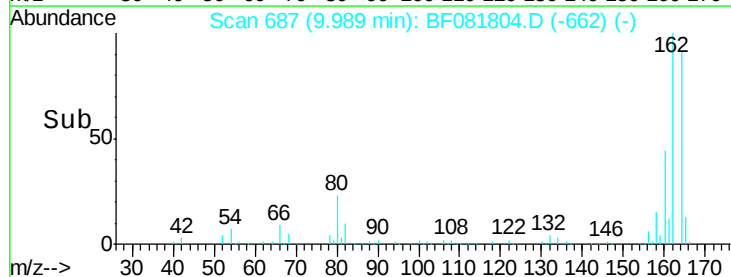
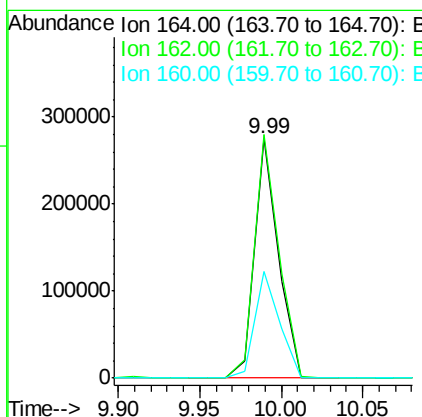
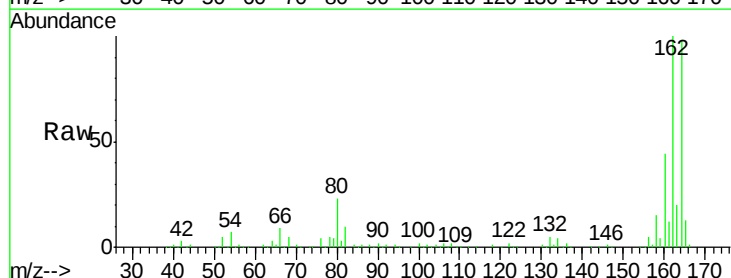
Manual Integrations
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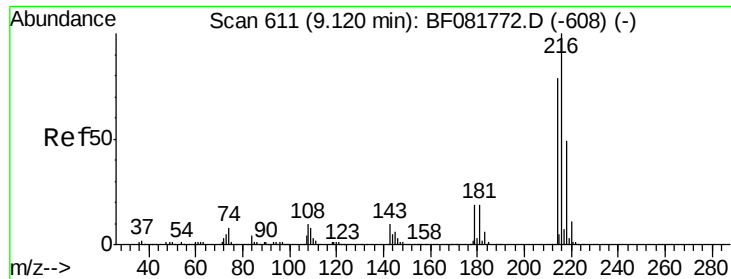
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	278360		
162	101.6	75.2	112.8	
160	44.3	31.5	47.3	





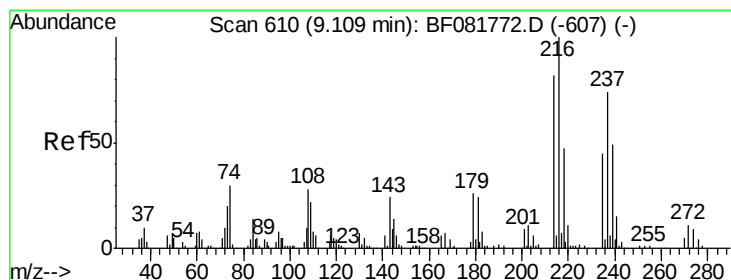
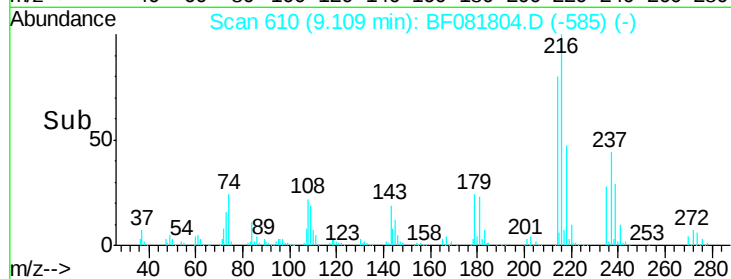
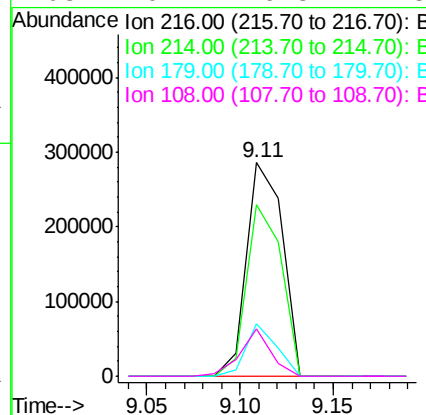
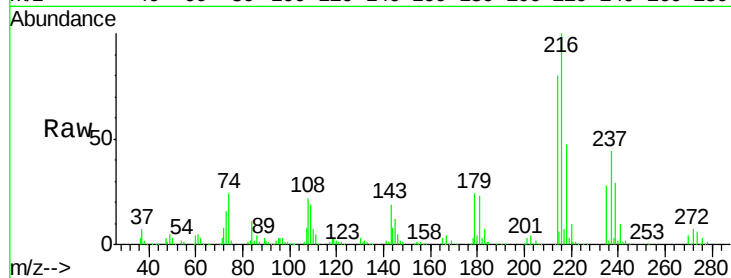
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.94 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

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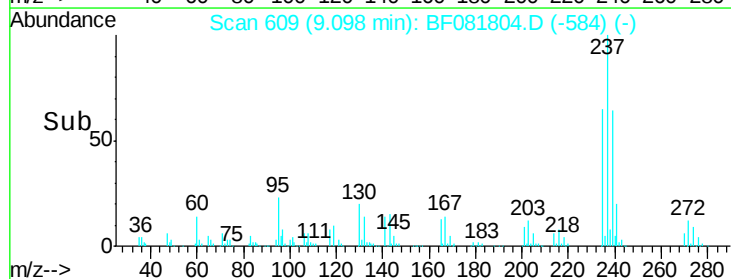
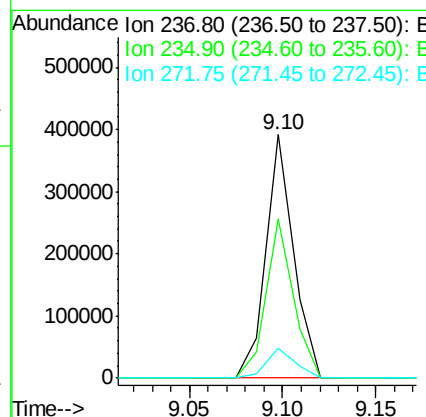
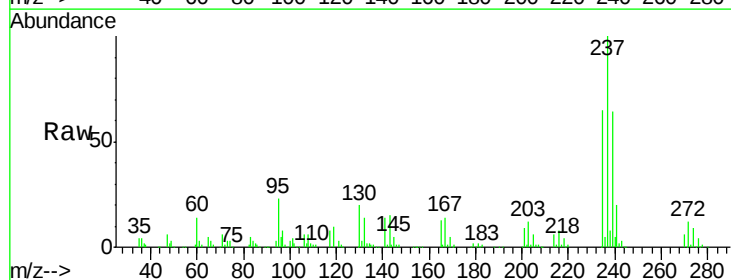
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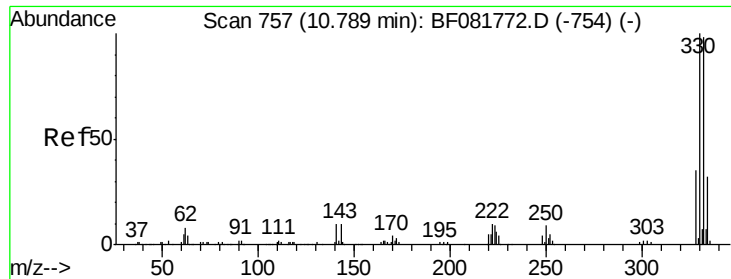
Tgt Ion:	216	Resp:	381487
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.5	95.3
179	20.9	16.6	24.8
108	19.2	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 105.24 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion:	237	Resp:	400702
Ion Ratio	Lower	Upper	
237	100		
235	65.1	42.0	82.0
272	12.3	0.0	36.1





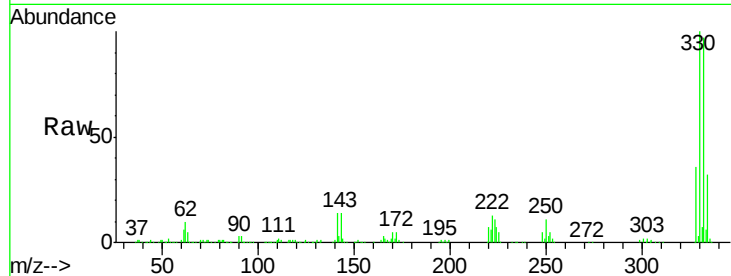
#41
 2,4,6-Tribromophenol
 Concen: 168.43 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

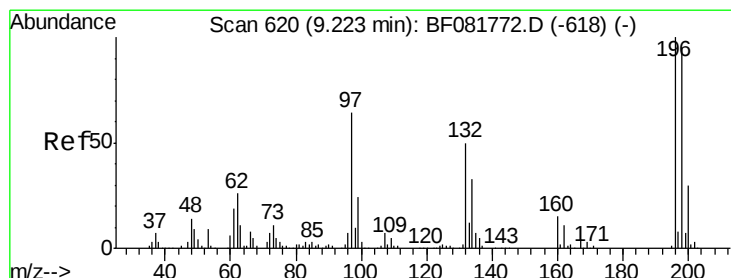
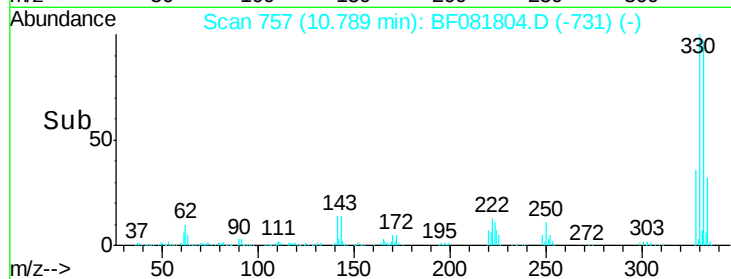
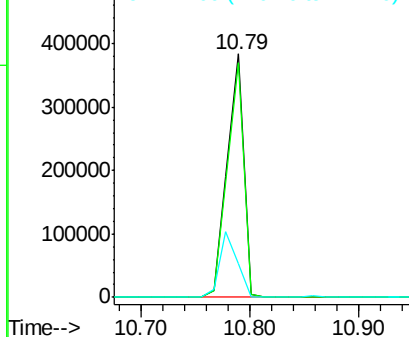
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	407050		
332	96.3	76.6	114.8	
141	28.9	29.7	44.5#	

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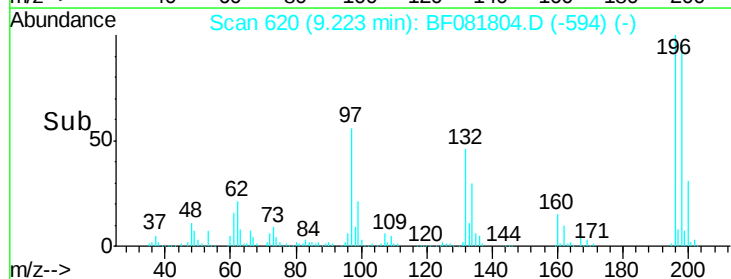
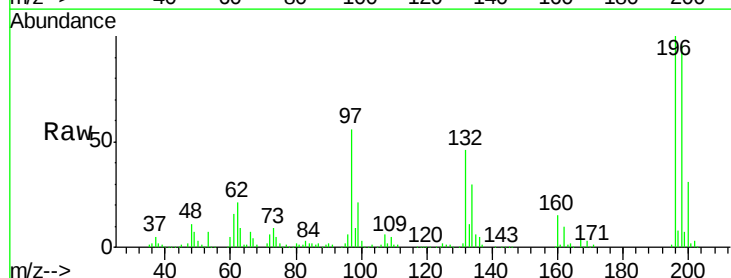
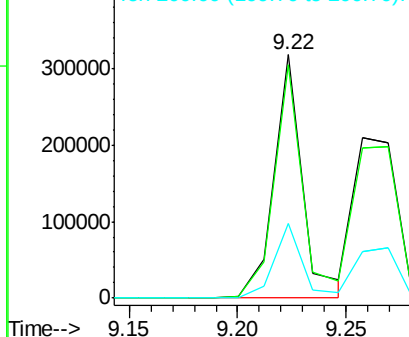
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

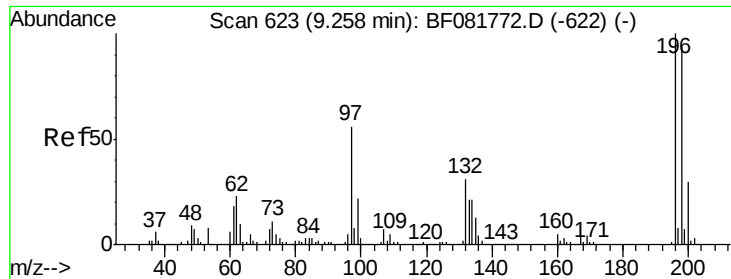


#42
 2,4,6-Trichlorophenol
 Concen: 50.13 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293449		
198	95.8	75.7	113.5	
200	30.6	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





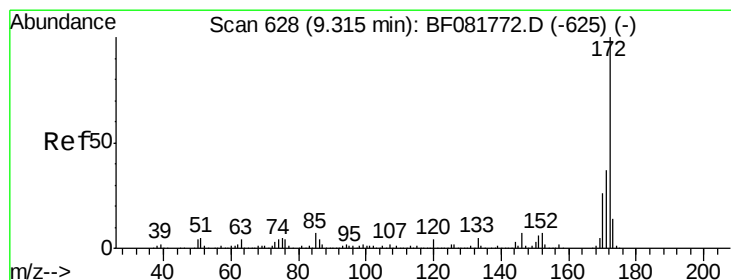
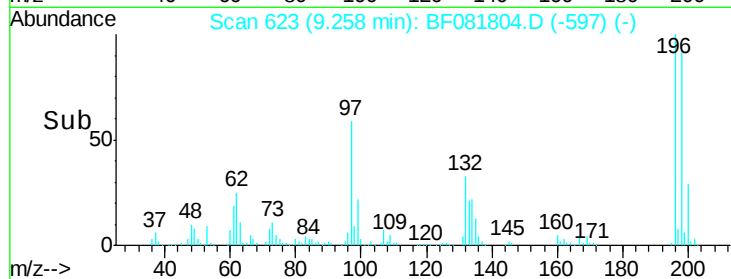
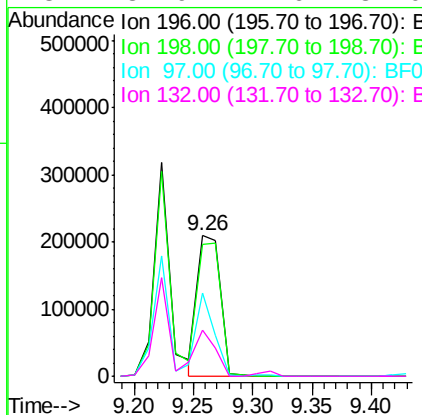
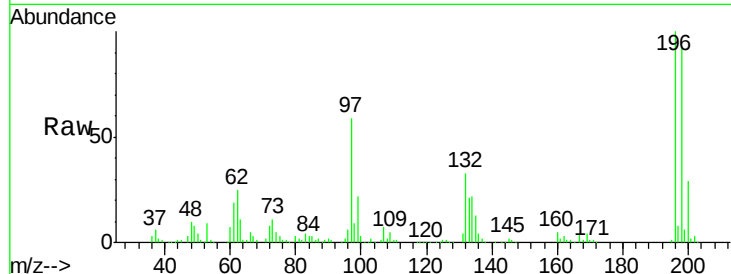
#43
 2,4,5-Trichlorophenol
 Concen: 49.99 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287898		
198	93.5	75.4	113.0	
97	59.1	33.3	49.9	
132	32.9	24.6	37.0	

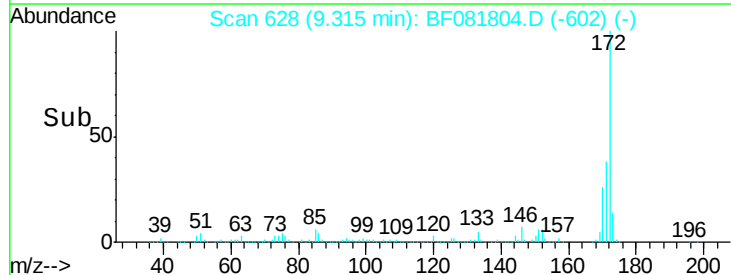
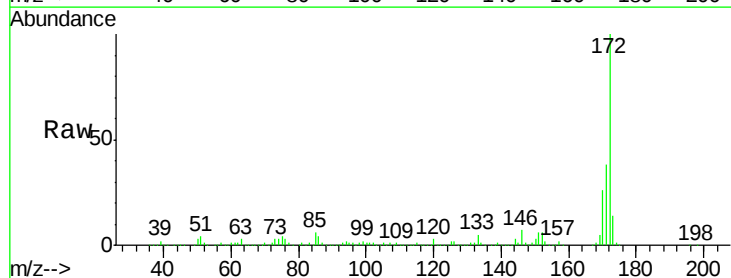
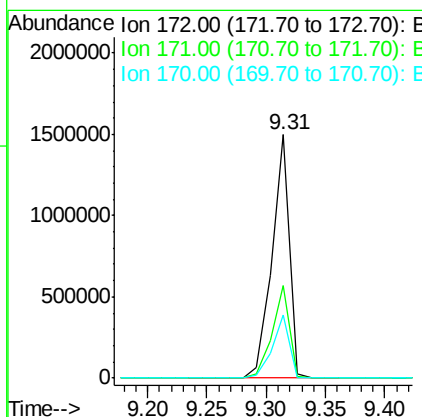
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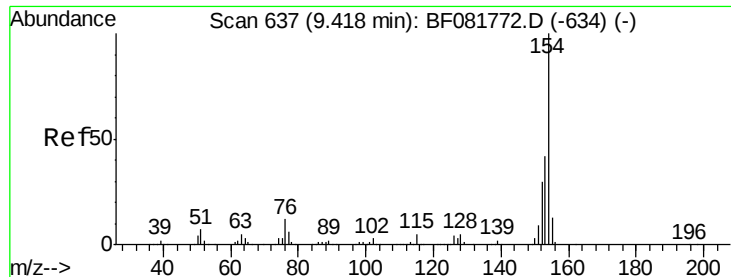
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 90.05 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1526909		
171	37.9	26.1	39.1	
170	25.9	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 47.87 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:154 Resp: 1041837

Ion Ratio Lower Upper

154 100

153 41.4 17.1 57.1

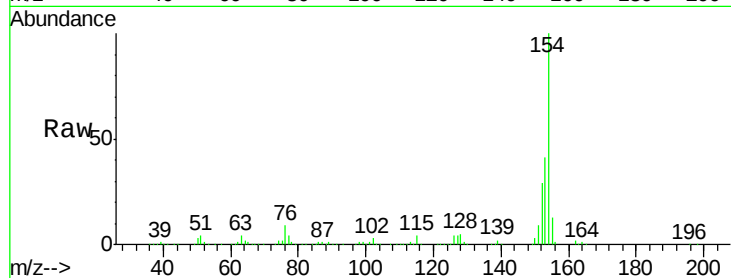
76 9.2 0.0 31.6

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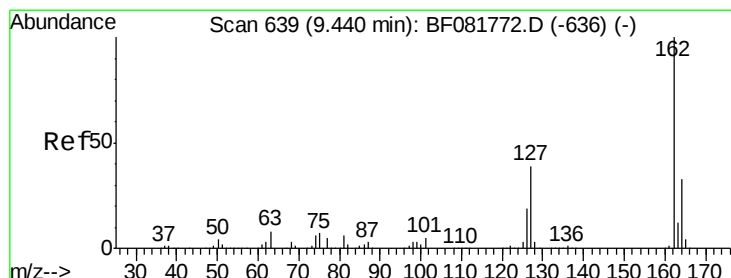
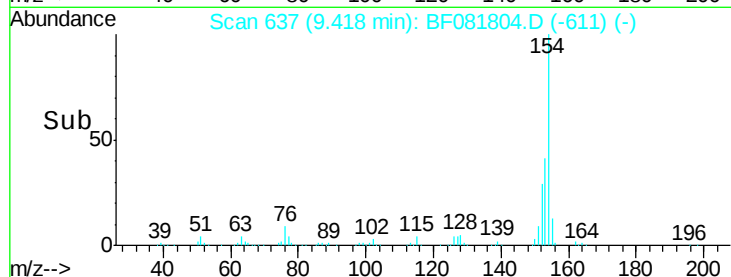
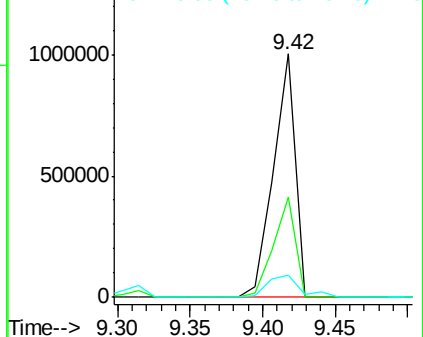
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.07 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

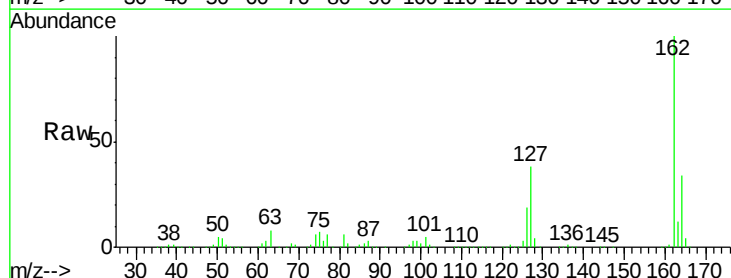
Tgt Ion:162 Resp: 824113

Ion Ratio Lower Upper

162 100

127 38.4 27.6 41.4

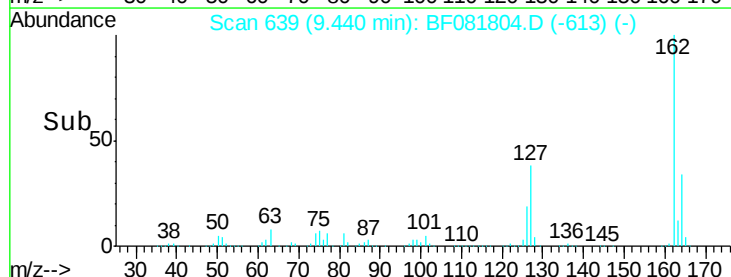
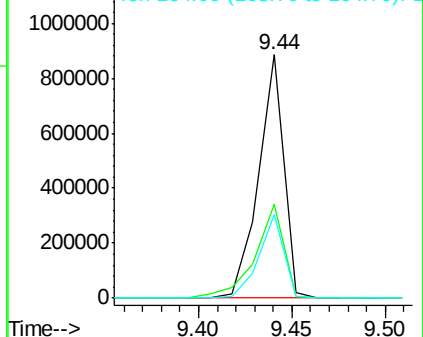
164 34.4 25.4 38.2

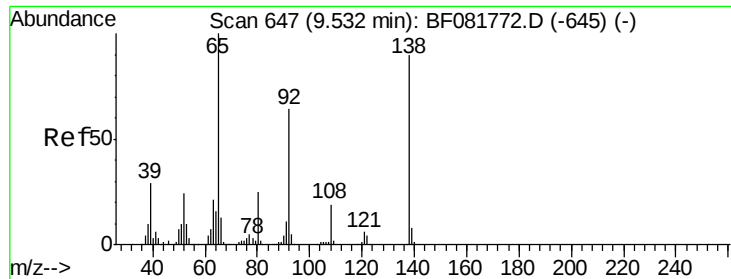


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





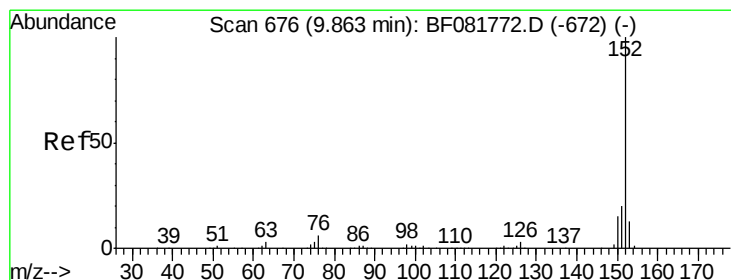
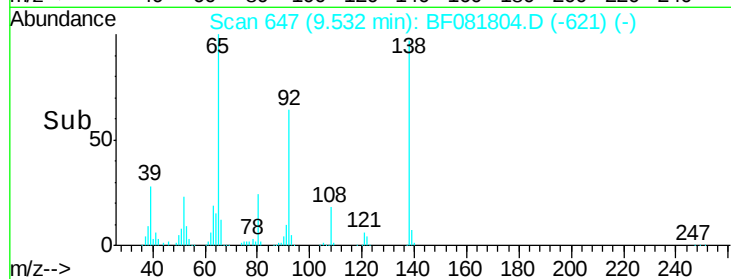
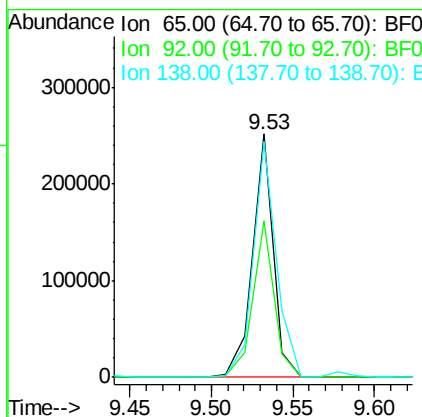
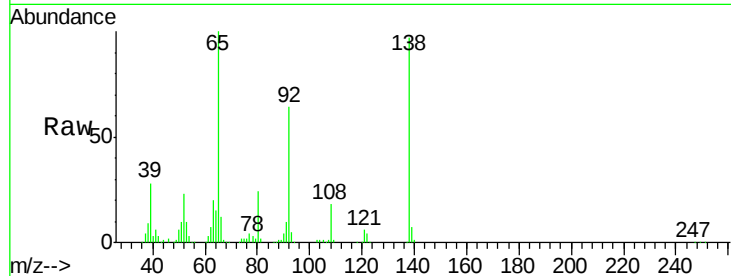
#47
2-Nitroaniline
Concen: 47.61 ng
RT: 9.53 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion: 65 Resp: 221702
Ion Ratio Lower Upper
65 100
92 64.4 55.4 83.0
138 96.9 115.5 173.3#

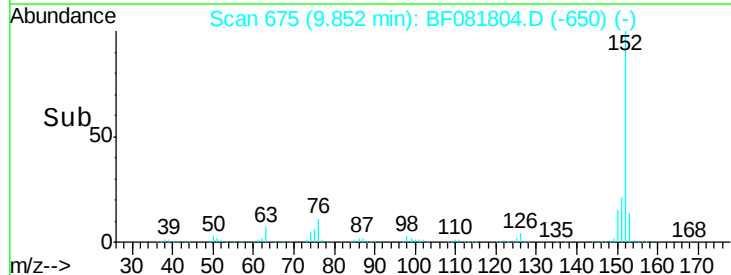
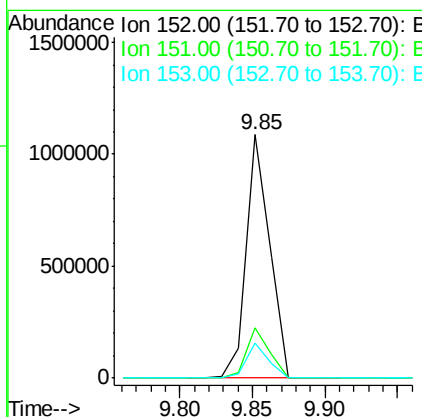
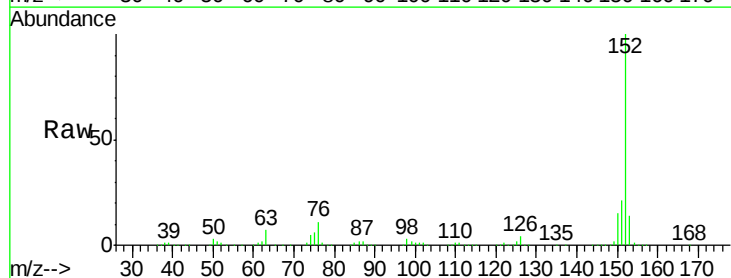
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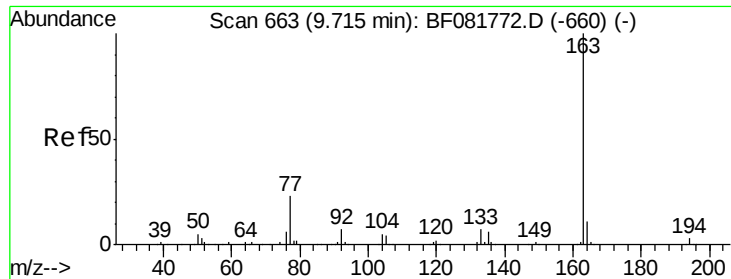
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#48
Acenaphthylene
Concen: 40.91 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion: 152 Resp: 1212205
Ion Ratio Lower Upper
152 100
151 20.8 14.6 22.0
153 14.1 10.3 15.5





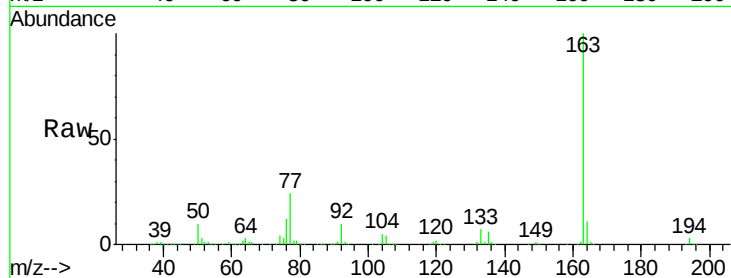
#49
Dimethylphthalate
Concen: 56.50 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

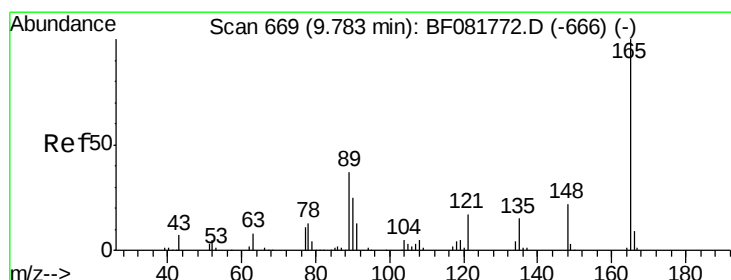
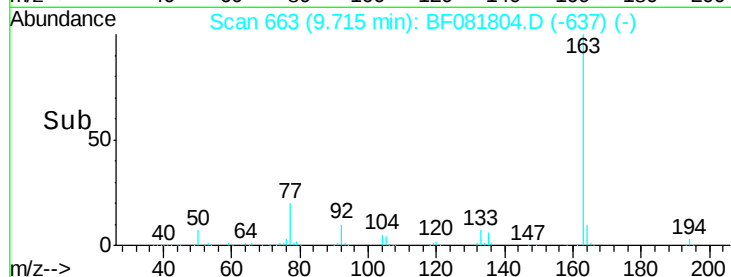
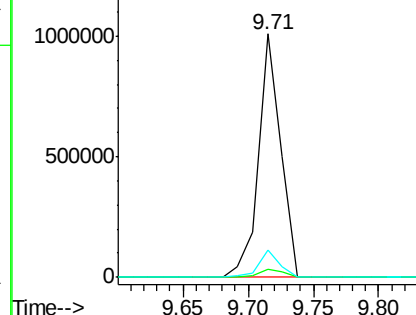
Tgt Ion:163 Resp: 1196823
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 11.0 8.3 12.5

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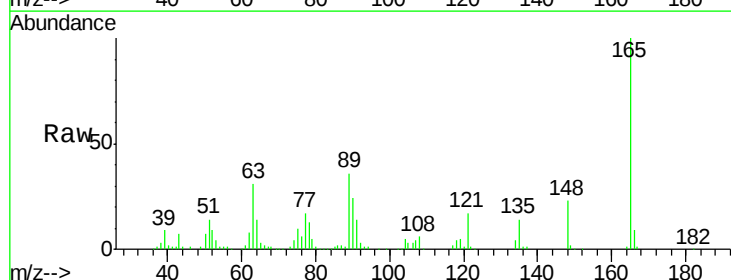


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

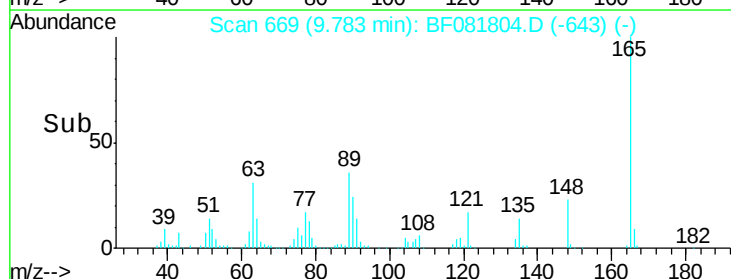
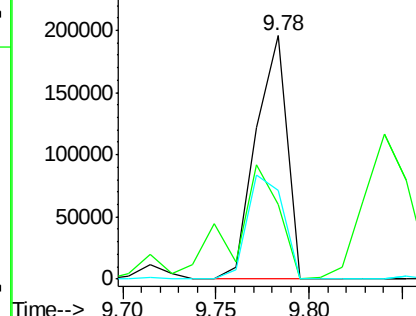


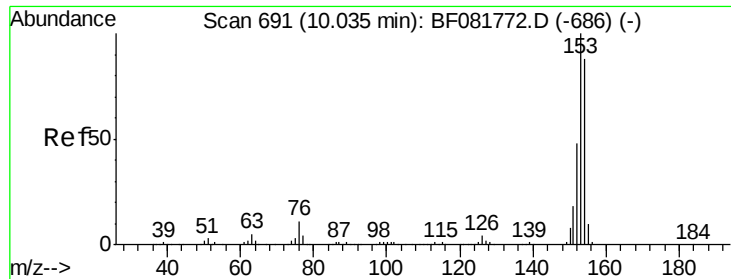
#50
2,6-Dinitrotoluene
Concen: 54.95 ng
RT: 9.78 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion:165 Resp: 224661
Ion Ratio Lower Upper
165 100
63 30.8 32.3 48.5#
89 36.2 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: 42.42 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

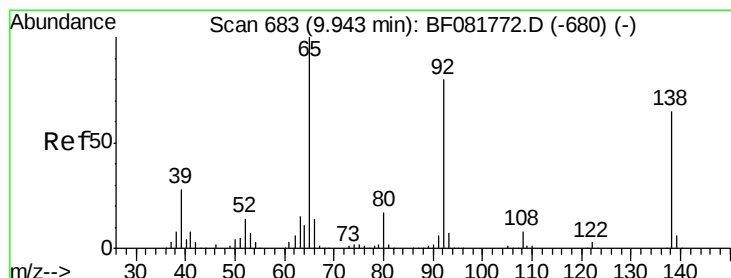
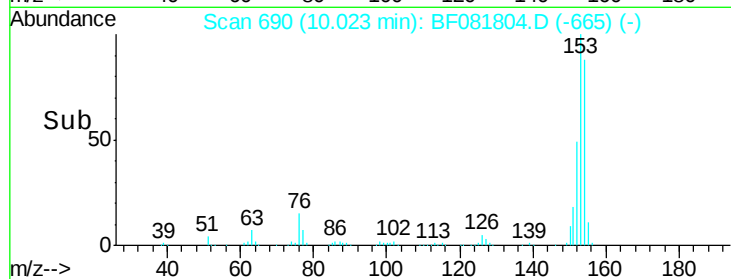
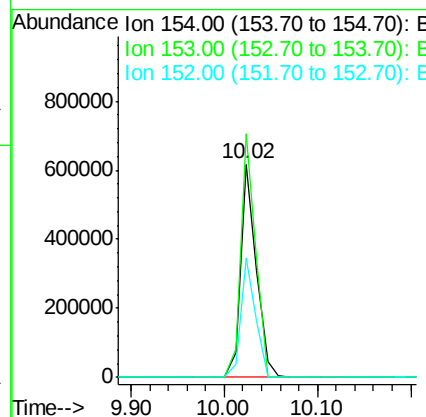
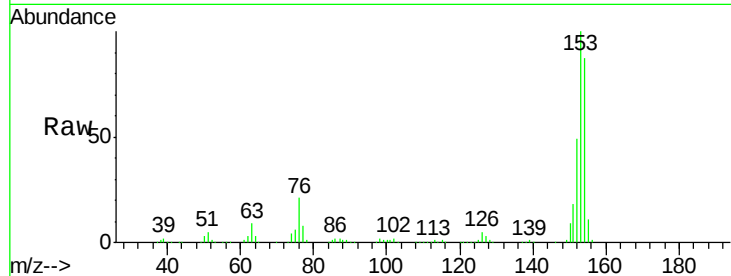
ClientSampleId :

MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	724349		
153	114.3	82.1	123.1	
152	56.0	37.9	56.9	

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#52

3-Nitroaniline

Concen: 35.19 ng

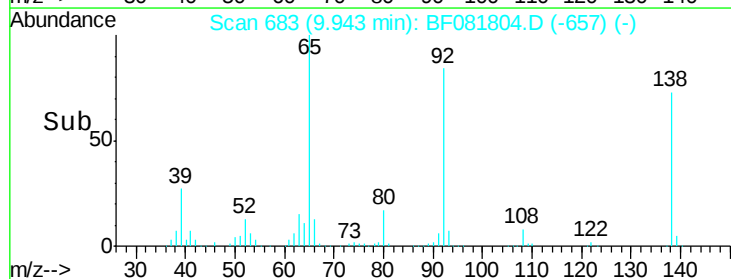
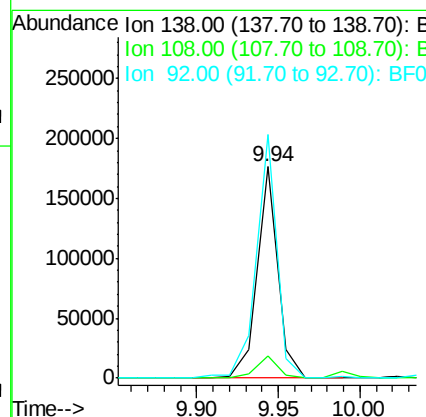
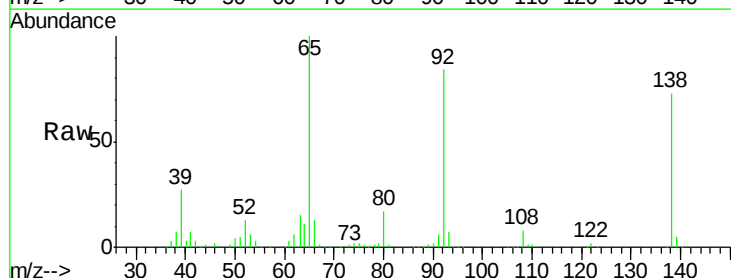
RT: 9.94 min Scan# 683

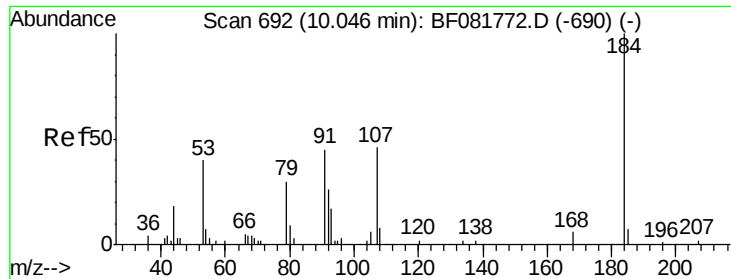
Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	156059		
108	10.4	5.7	8.5#	
92	115.3	67.7	101.5#	





#53

2,4-Dinitrophenol

Concen: 76.21 ng

RT: 10.05 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:184 Resp: 56572

Ion Ratio Lower Upper

184 100

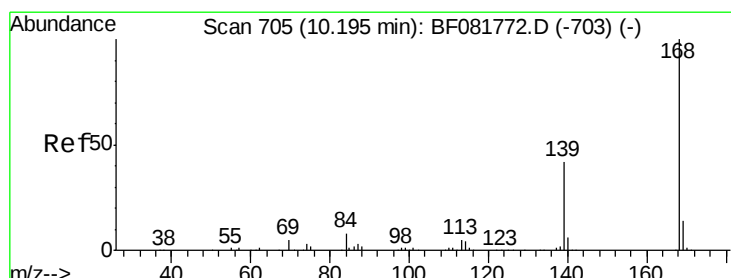
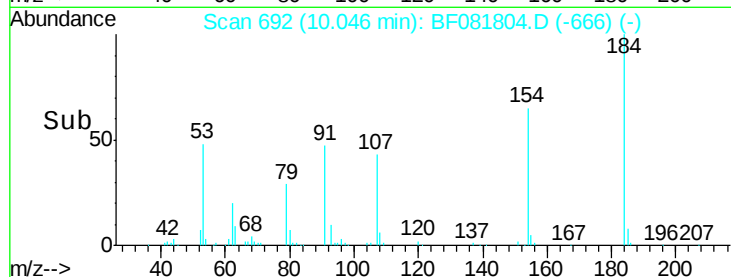
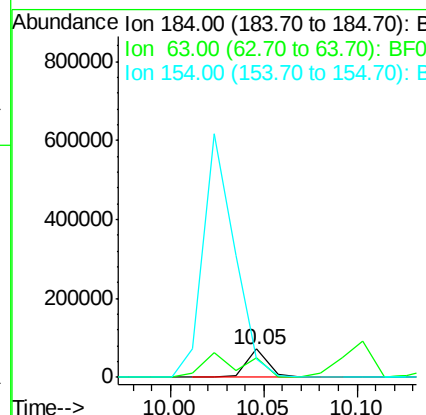
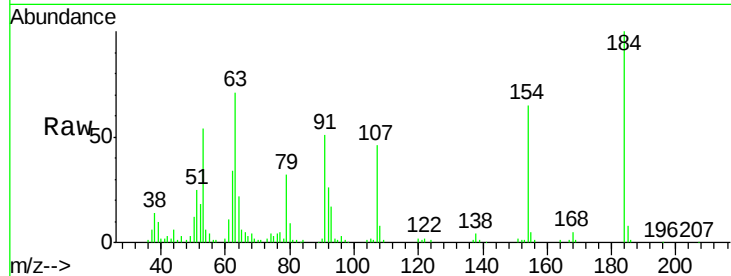
63 70.9 35.4 53.2#

154 65.0 32.2 48.4#

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#54

Dibenzofuran

Concen: 42.02 ng

RT: 10.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

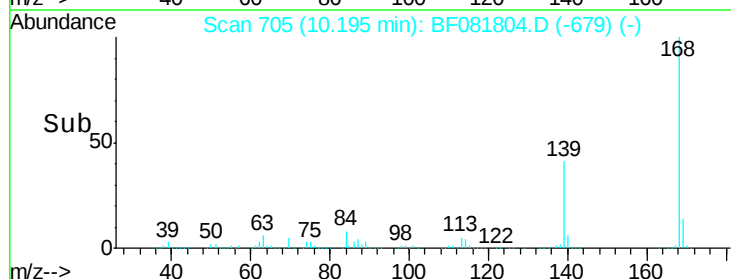
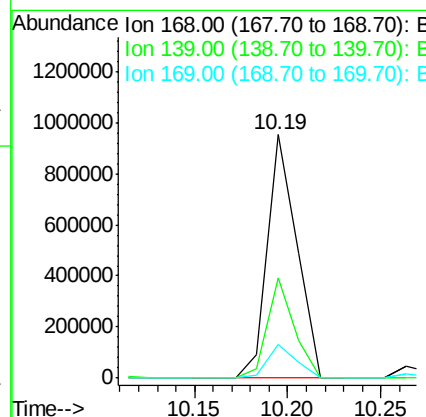
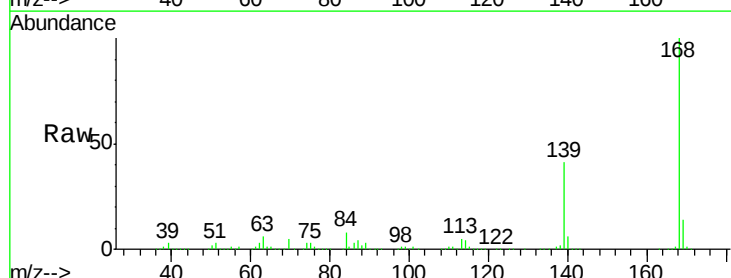
Tgt Ion:168 Resp: 1052628

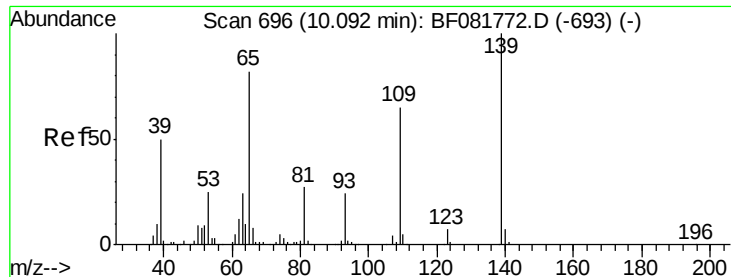
Ion Ratio Lower Upper

168 100

139 41.0 24.2 36.2#

169 14.1 10.6 15.8





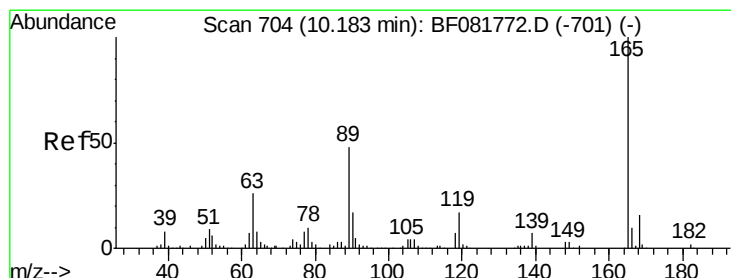
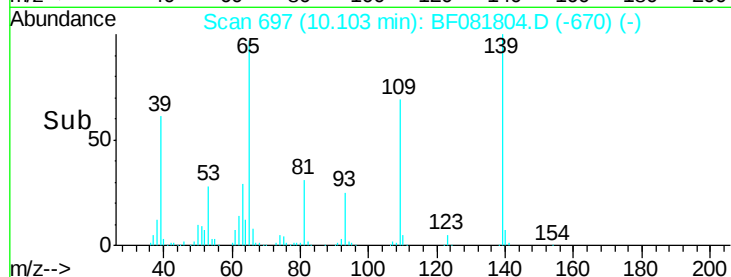
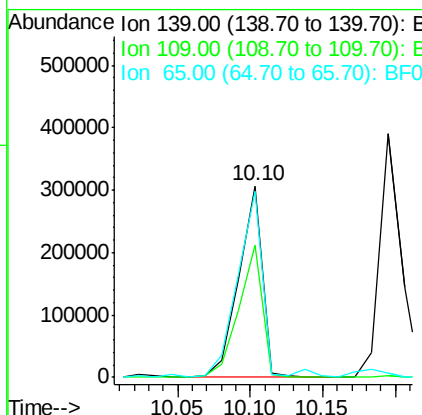
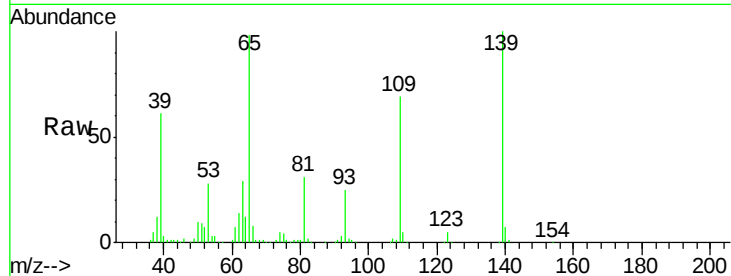
#55
4-Nitrophenol
Concen: 112.86 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion:139 Resp: 345127
Ion Ratio Lower Upper
139 100
109 69.4 12.7 52.7#
65 97.5 45.9 85.9#

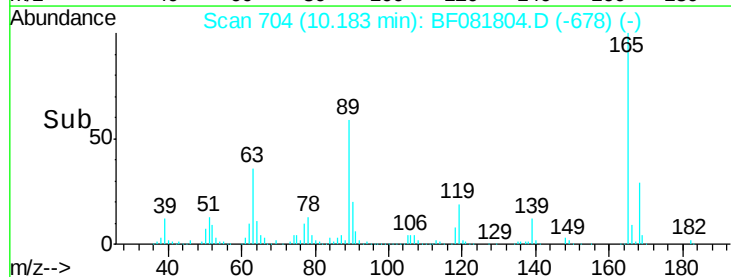
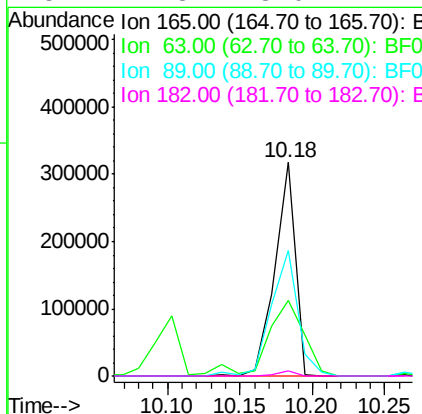
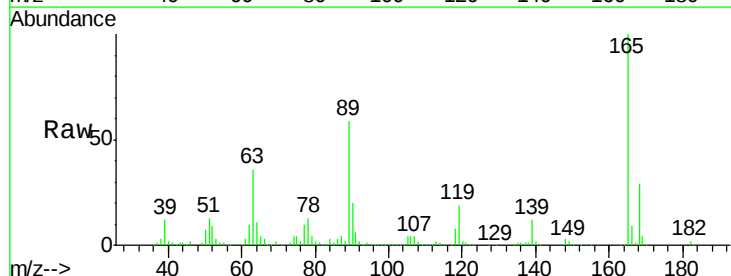
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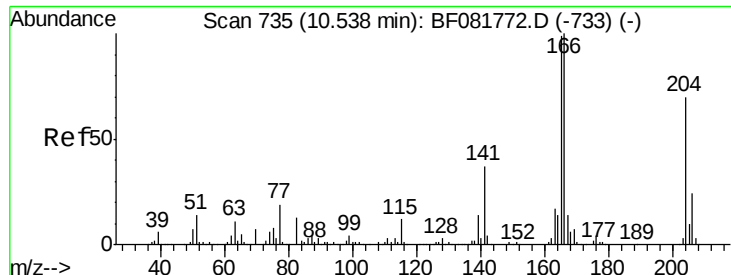
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#56
2,4-Dinitrotoluene
Concen: 63.37 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion:165 Resp: 310181
Ion Ratio Lower Upper
165 100
63 35.6 29.8 44.6
89 58.8 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 40.77 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:166 Resp: 783727
Ion Ratio Lower Upper

166 100

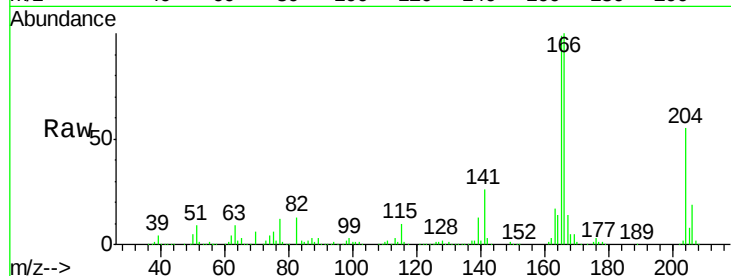
165 98.7 72.6 109.0

167 14.0 10.6 16.0

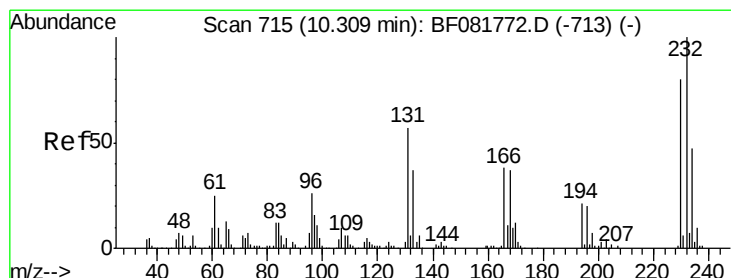
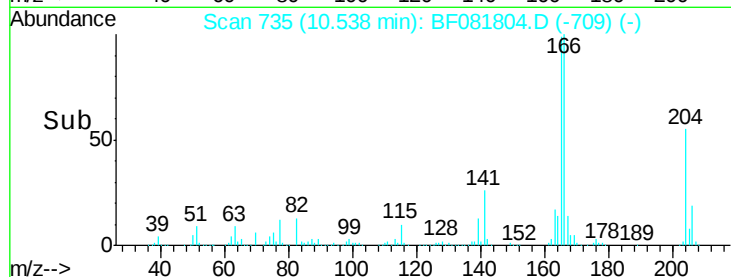
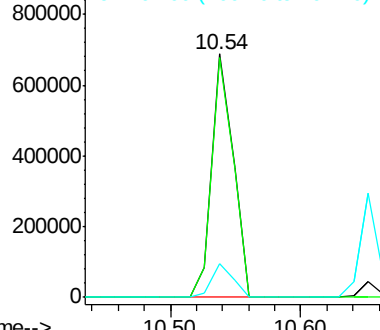
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.33 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion:232 Resp: 225665
Ion Ratio Lower Upper

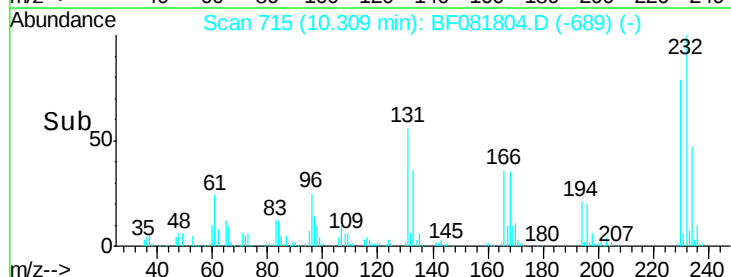
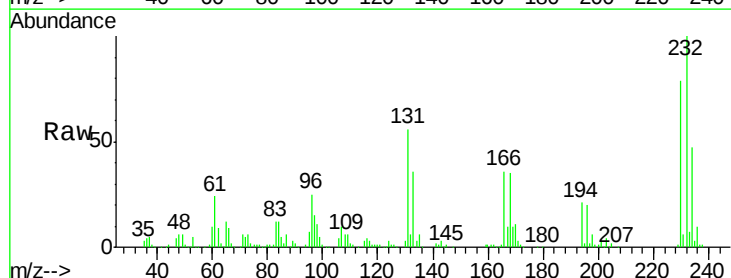
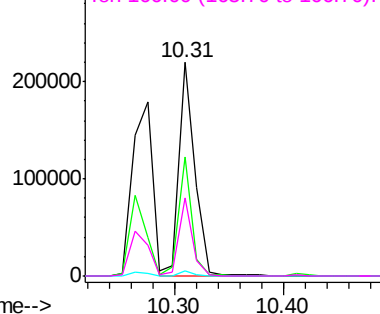
232 100

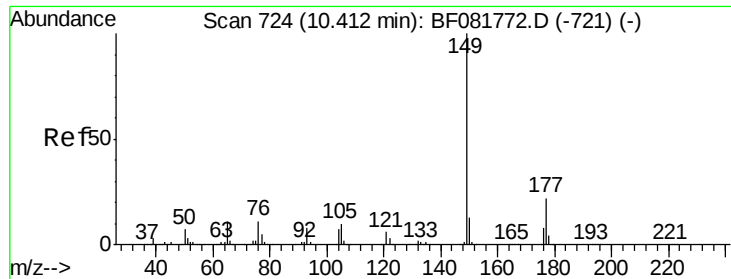
131 45.5 38.5 57.7

130 2.1 1.8 2.6

166 31.1 25.0 37.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





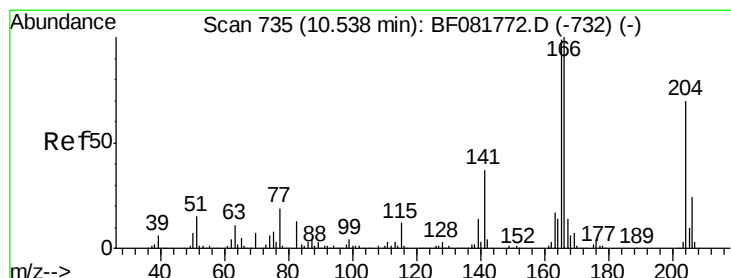
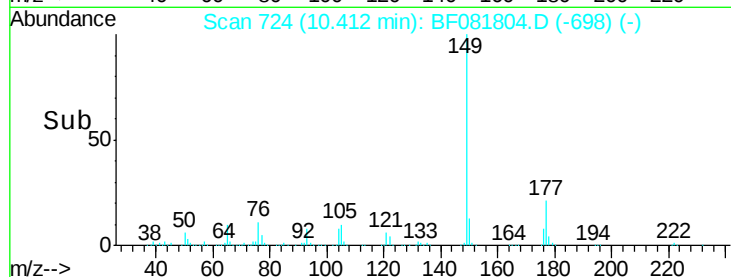
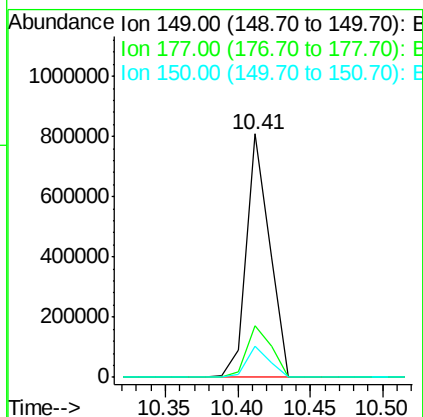
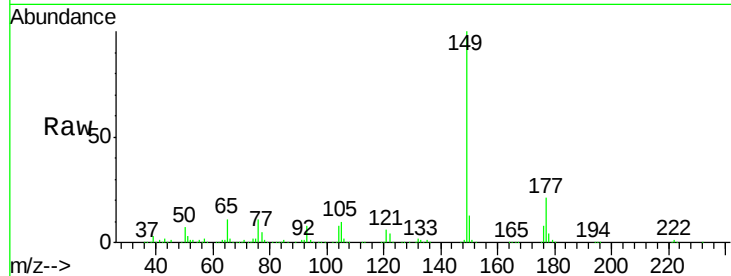
#59
Diethylphthalate
Concen: 43.56 ng
RT: 10.41 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	893734		
177	21.1	17.5	26.3	
150	13.1	9.4	14.2	

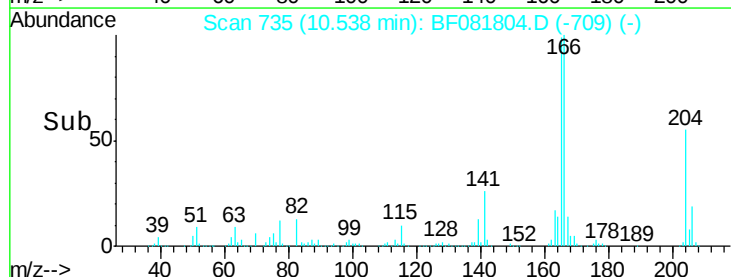
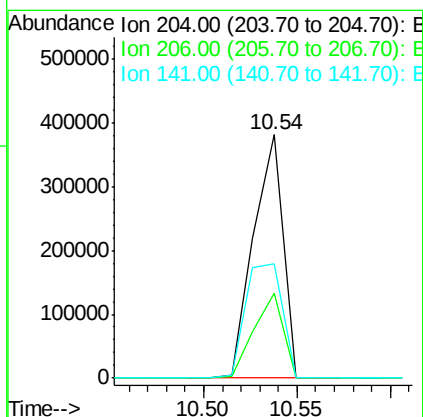
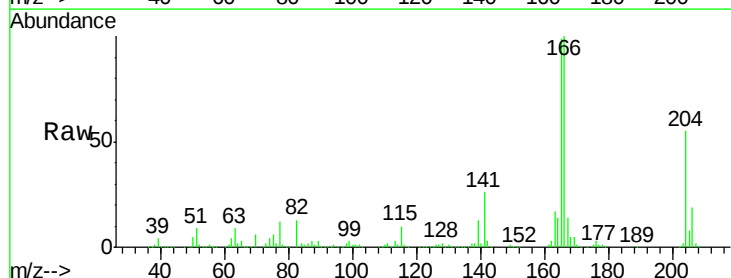
Manual Integrations
APPROVED

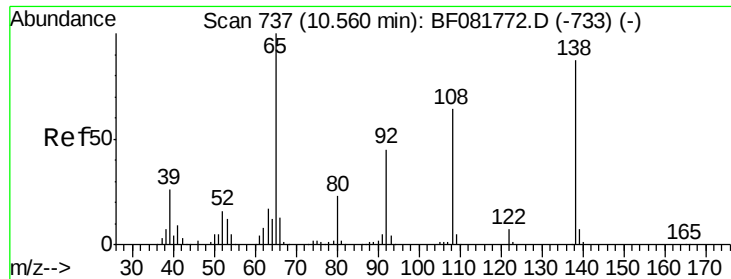
MMDadoda
9/28/2015 1:18:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.13 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	415904		
206	34.6	24.8	37.2	
141	46.9	42.2	63.4	





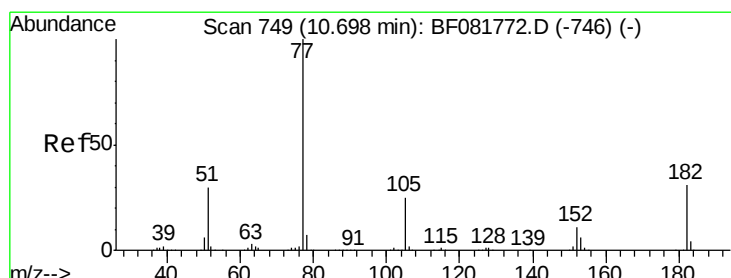
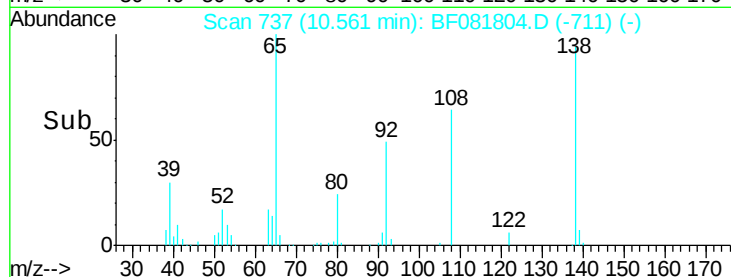
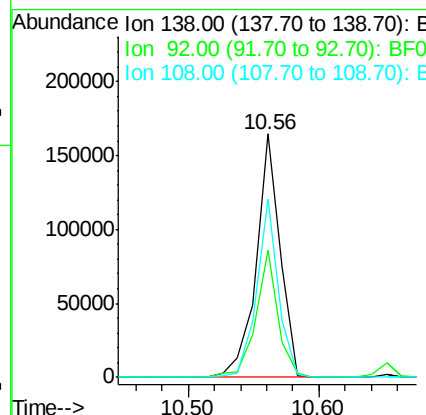
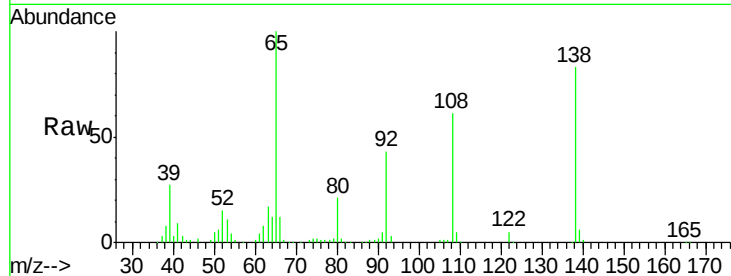
#61
4-Nitroaniline
Concen: 48.71 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	209814		
92	52.2	12.6	52.6	
108	73.3	12.4	52.4#	

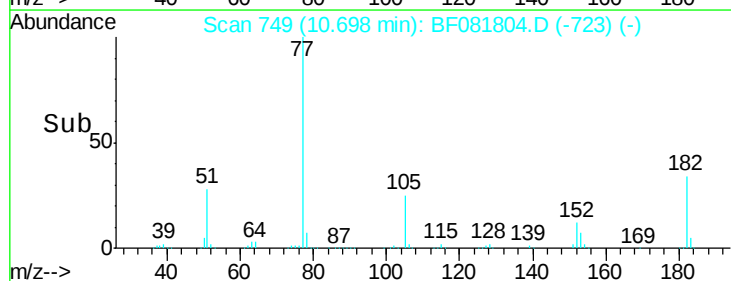
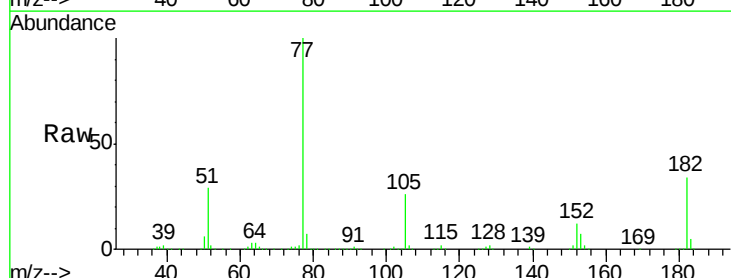
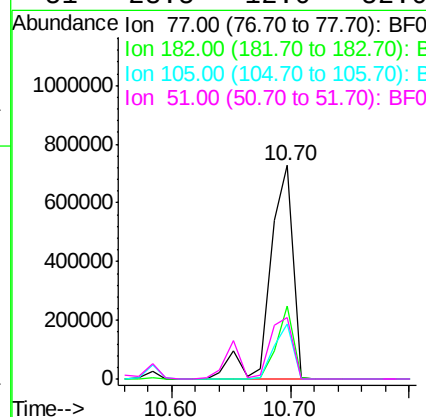
Manual Integrations
APPROVED

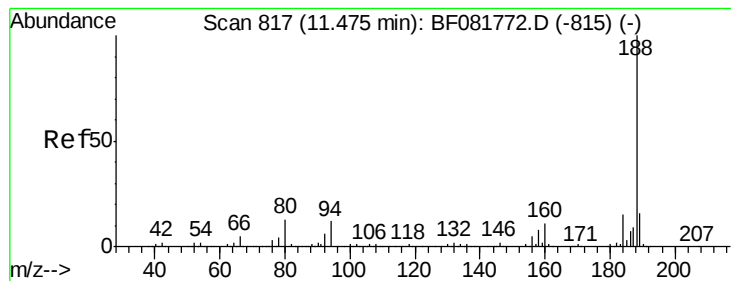
MMDadoda
9/28/2015 1:18:47 PM



#62
Azobenzene
Concen: 46.85 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	982681		
182	34.1	15.1	55.1	
105	25.8	3.4	43.4	
51	28.5	12.0	52.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

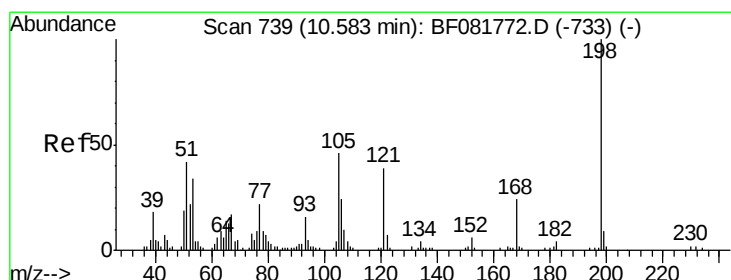
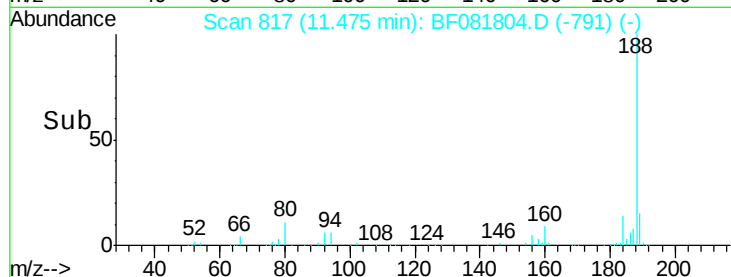
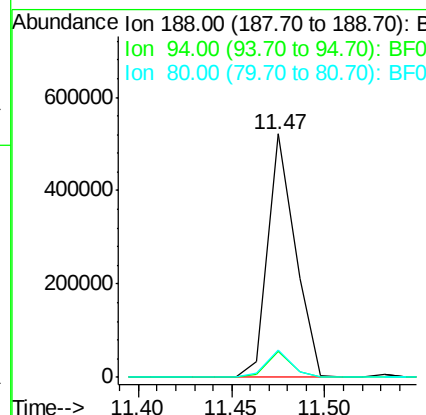
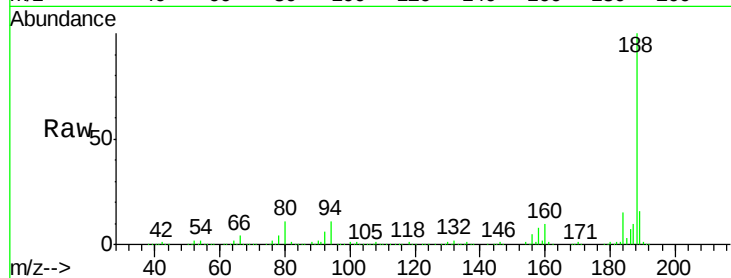
ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:	188	Resp:	529773
Ion Ratio	Lower	Upper	
188	100		
94	10.6	11.1	16.7#
80	11.3	11.0	16.4

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 55.69 ng

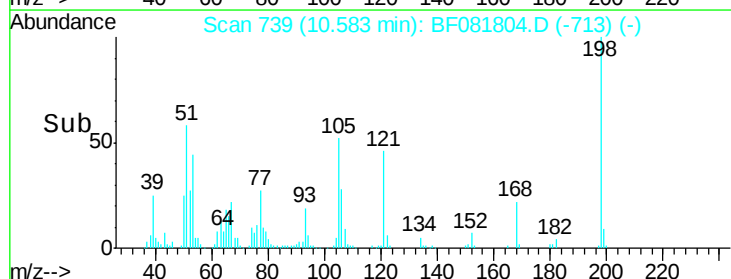
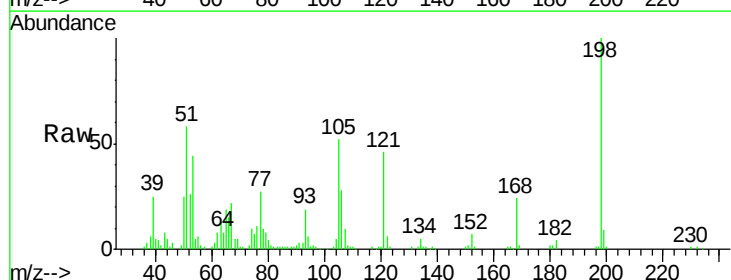
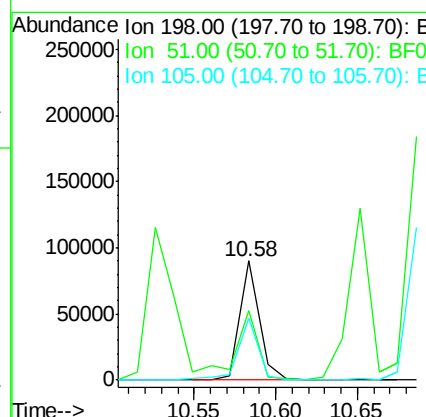
RT: 10.58 min Scan# 739

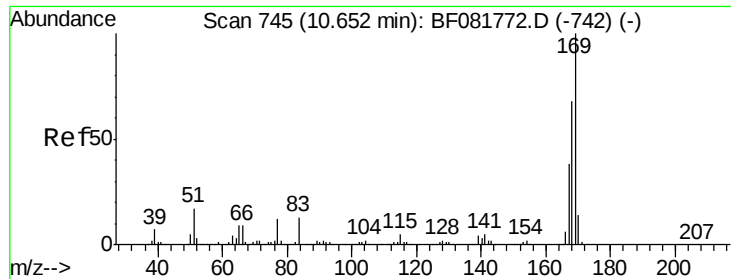
Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion:	198	Resp:	72919
Ion Ratio	Lower	Upper	
198	100		
51	58.1	39.6	79.6
105	51.9	28.5	68.5





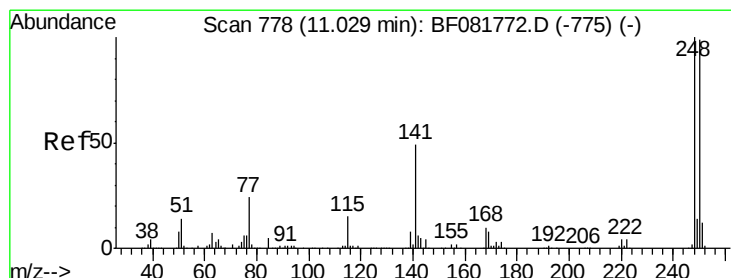
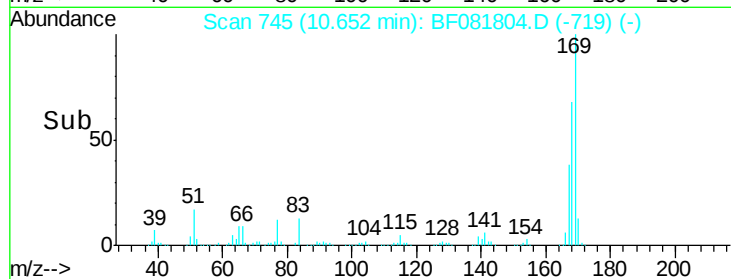
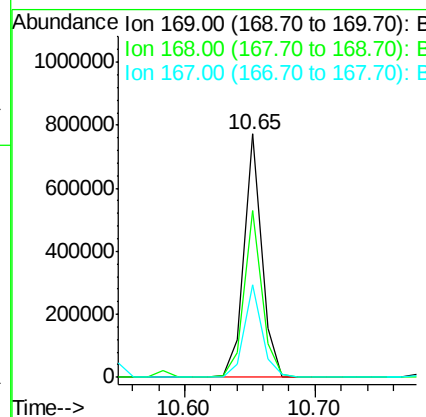
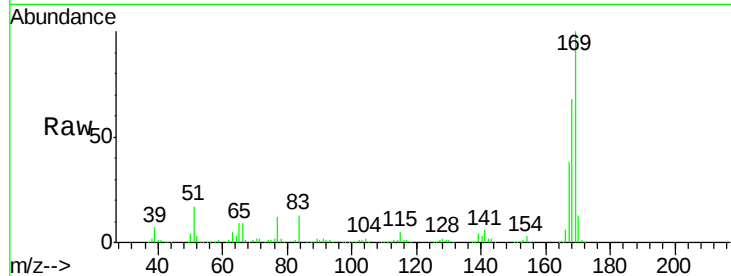
#65
 n-Nitrosodiphenylamine
 Concen: 40.61 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	725445		
168	68.4	48.9	73.3	
167	37.9	26.2	39.4	

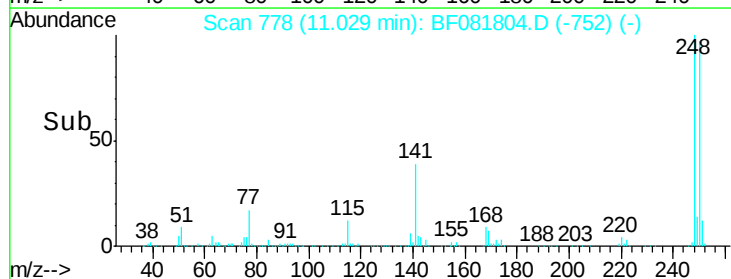
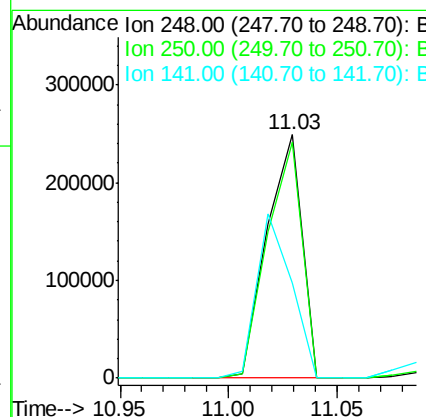
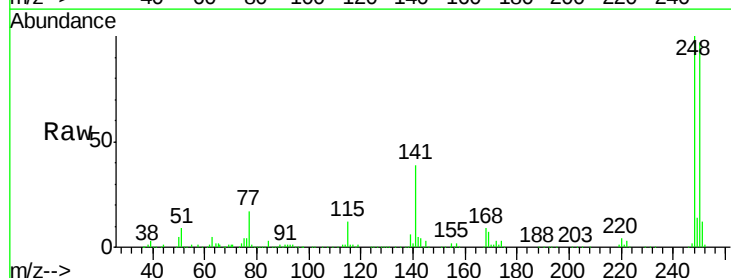
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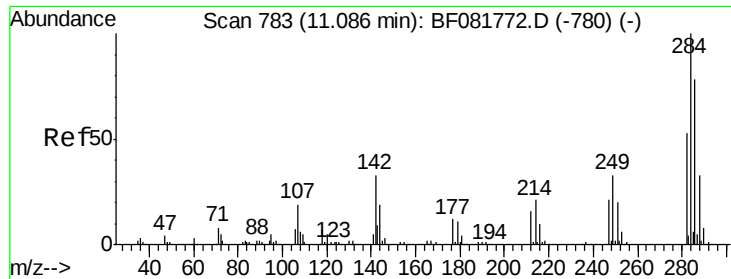
MMDadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 47.87 ng
 RT: 11.03 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	282343		
250	97.1	78.5	117.7	
141	39.3	59.0	88.6	





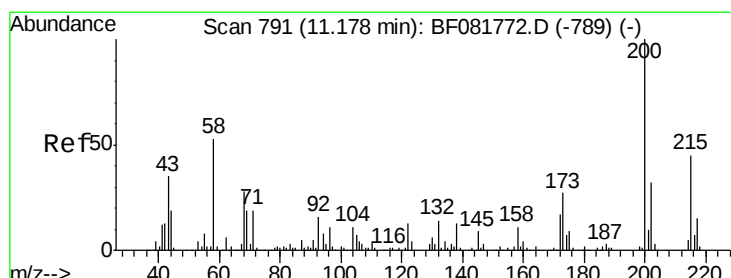
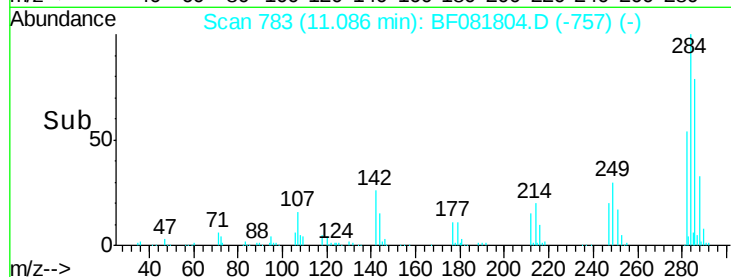
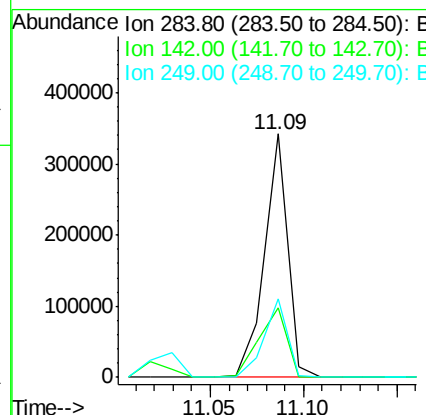
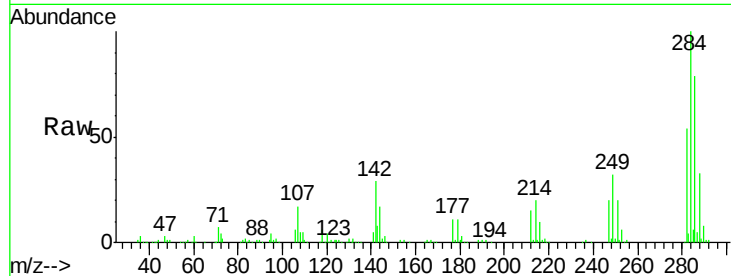
#67
Hexachlorobenzene
Concen: 48.56 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.7	29.5	44.3#
249	32.4	19.5	29.3#

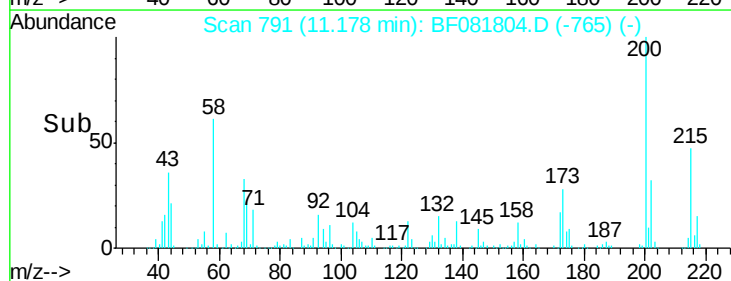
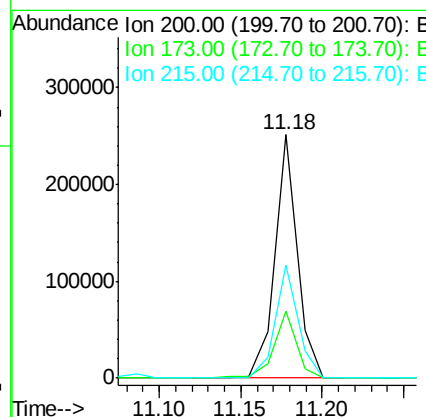
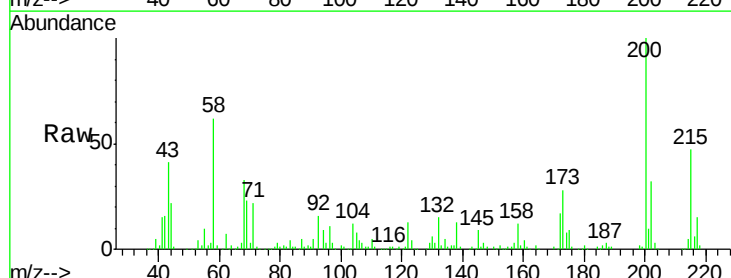
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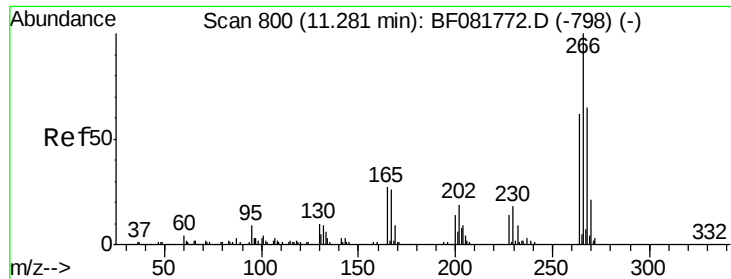
MMDadoda
9/28/2015 1:18:47 PM



#68
Atrazine
Concen: 45.06 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	13.2	53.2
215	46.7	41.8	81.8





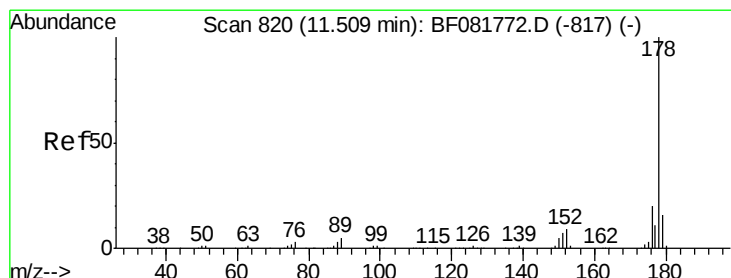
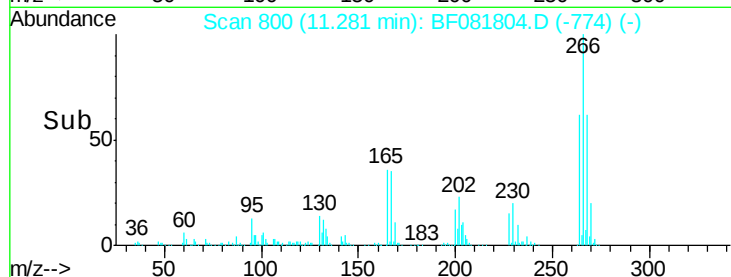
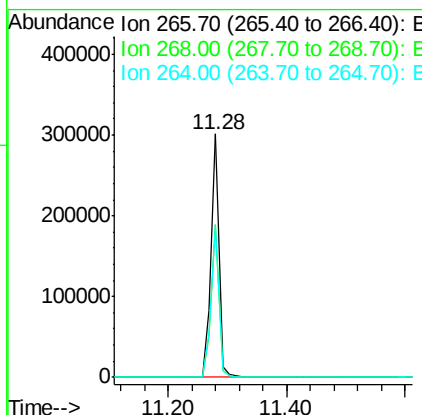
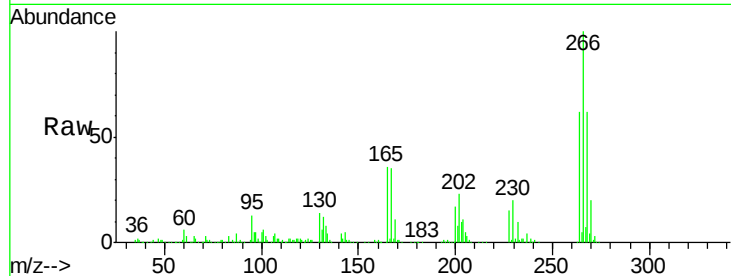
#69
 Pentachlorophenol
 Concen: 82.78 ng
 RT: 11.28 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	282357		
268	62.5	49.8	74.6	
264	62.3	50.2	75.2	

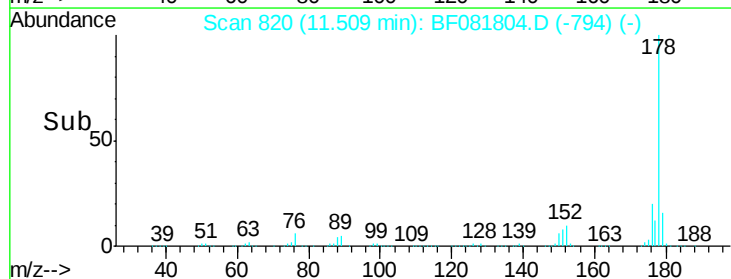
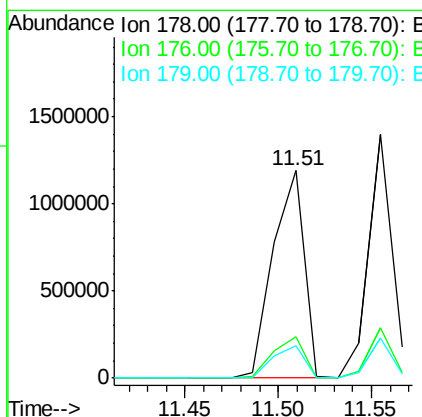
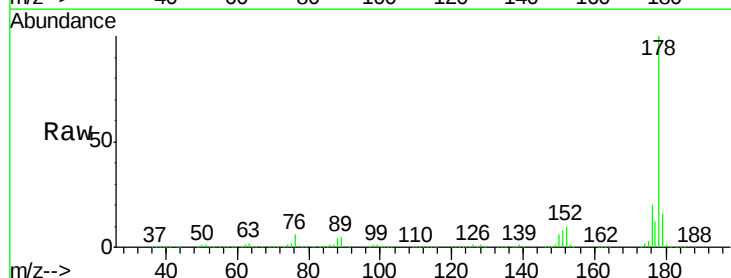
Manual Integrations
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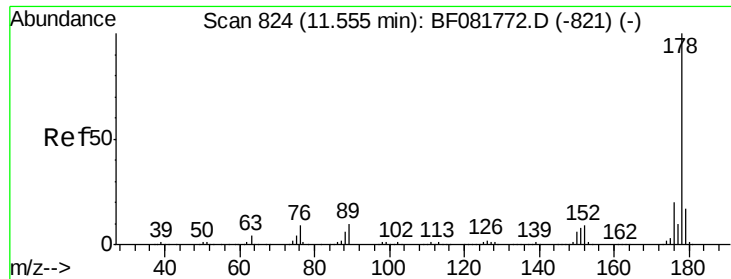
MMDadoda
 9/28/2015 1:18:47 PM



#70
 Phenanthrene
 Concen: 45.67 ng
 RT: 11.51 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1383381		
176	20.2	13.8	20.8	
179	15.8	12.2	18.2	





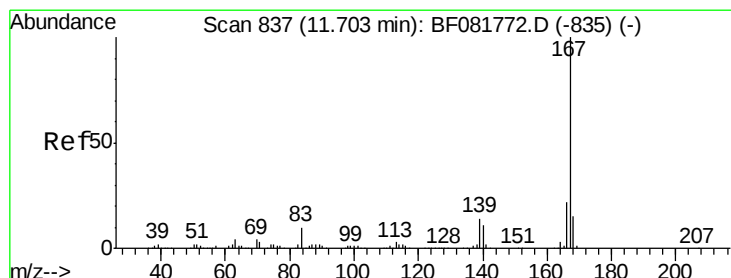
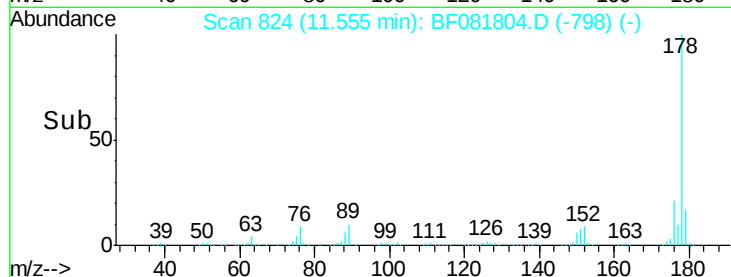
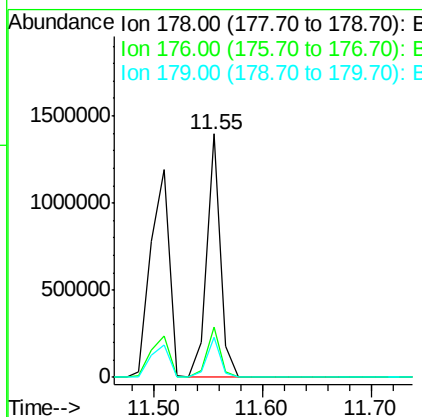
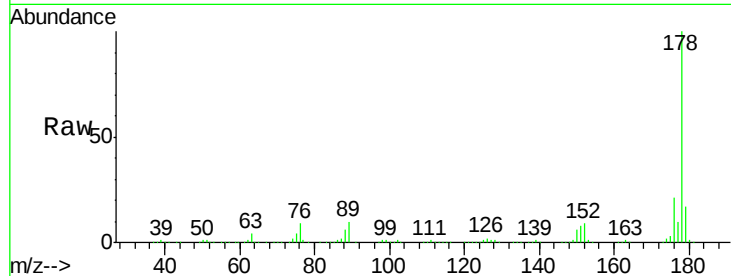
#71
 Anthracene
 Concen: 41.87 ng
 RT: 11.55 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion:178 Resp: 1221912
 Ion Ratio Lower Upper
 178 100
 176 20.5 14.1 21.1
 179 16.6 12.2 18.2

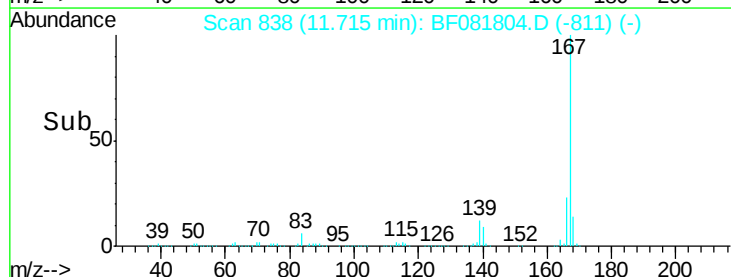
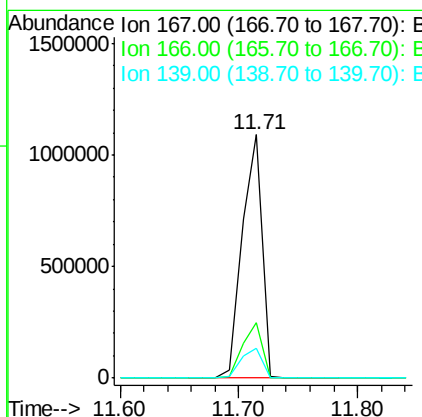
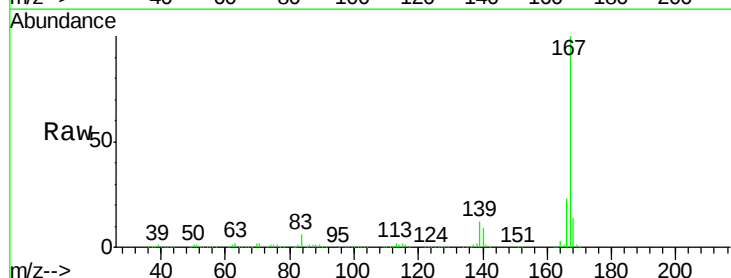
Manual Integrations
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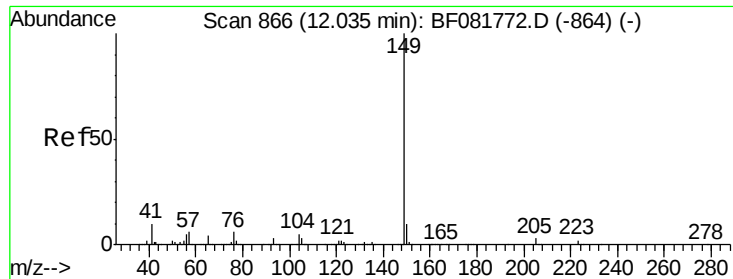
MMDadoda
 9/28/2015 1:18:47 PM



#72
 Carbazole
 Concen: 46.73 ng
 RT: 11.71 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion:167 Resp: 1266060
 Ion Ratio Lower Upper
 167 100
 166 22.7 15.7 23.5
 139 12.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 41.51 ng

RT: 12.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:149 Resp: 1369087

Ion Ratio Lower Upper

149 100

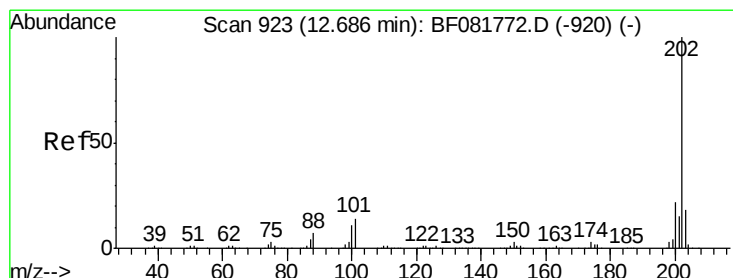
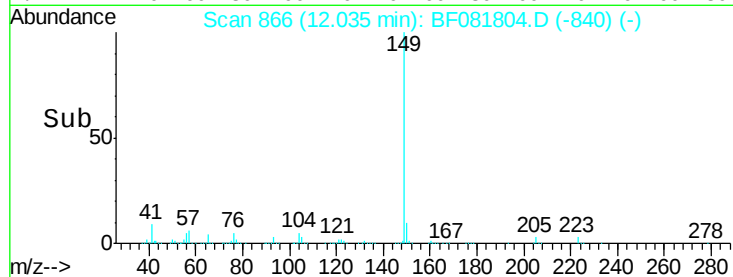
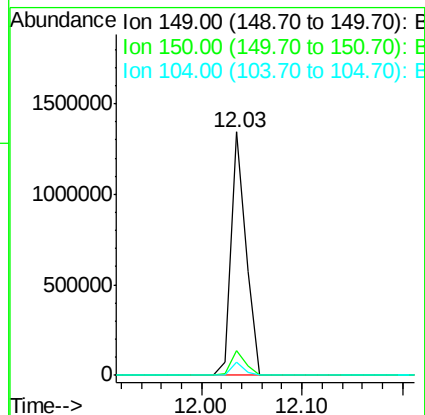
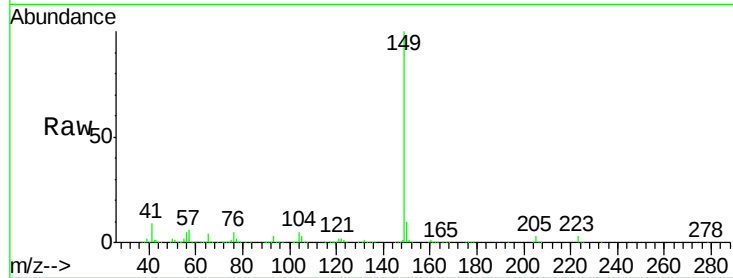
150 10.1 7.4 11.2

104 5.4 2.4 3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 44.93 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

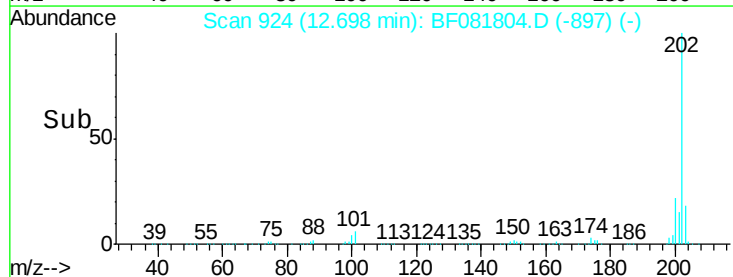
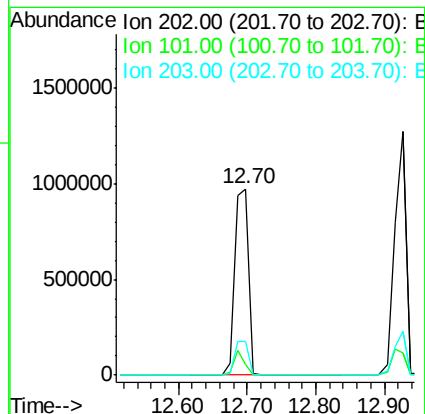
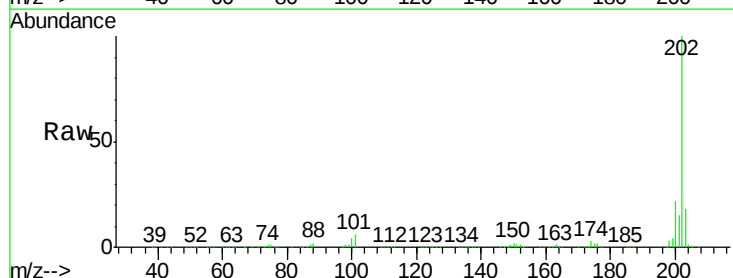
Tgt Ion:202 Resp: 1371195

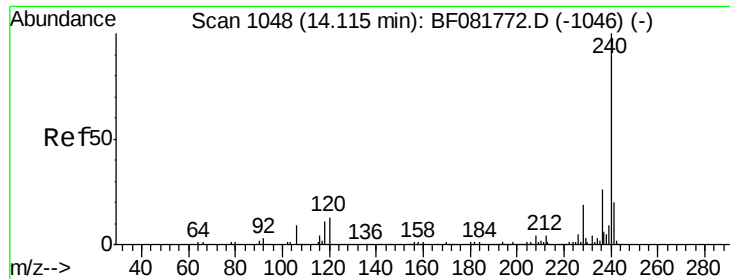
Ion Ratio Lower Upper

202 100

101 5.6 0.0 38.3

203 17.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:240 Resp: 440112

Ion Ratio Lower Upper

240 100

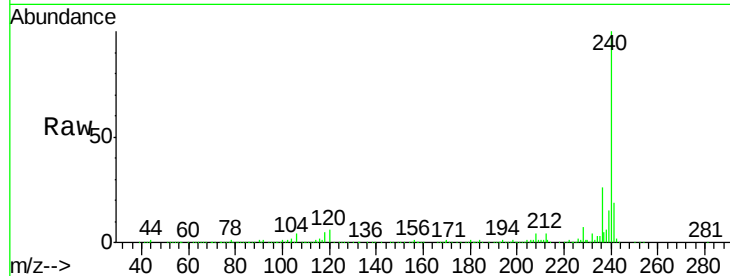
120 6.0 16.2 24.2#

236 25.6 18.4 27.6

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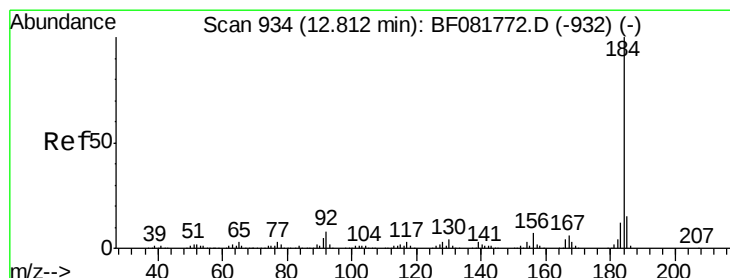
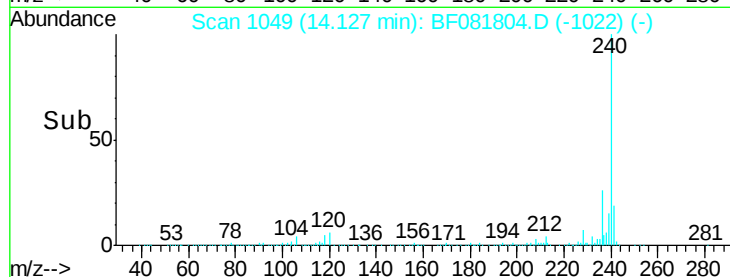
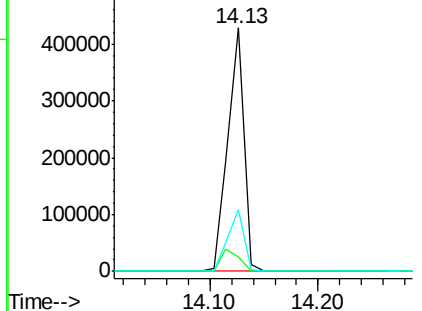
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.74 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

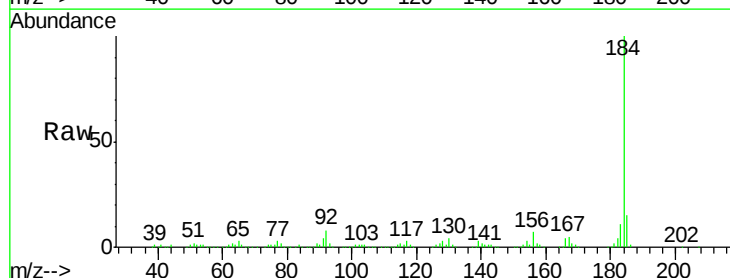
Tgt Ion:184 Resp: 384511

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

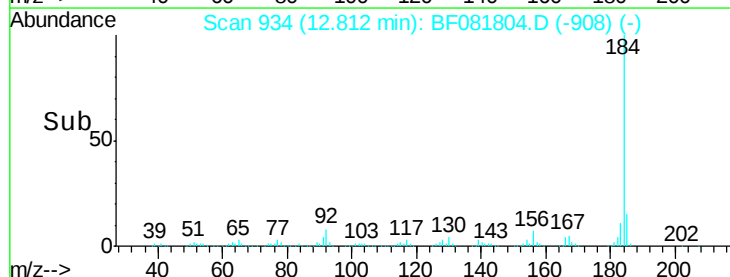
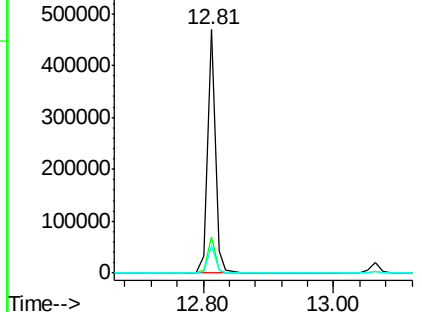
183 11.4 7.6 11.4

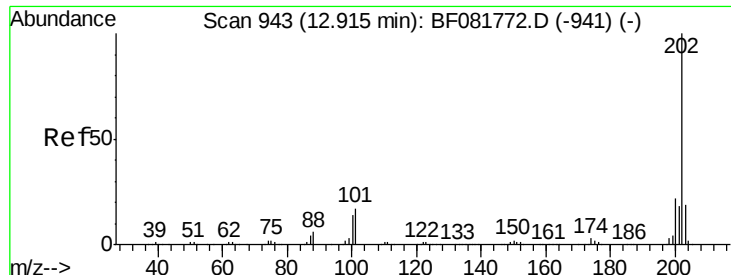


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





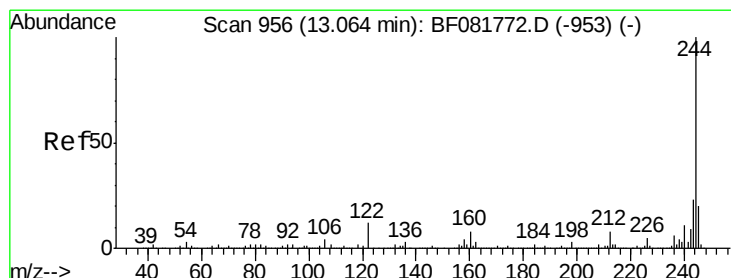
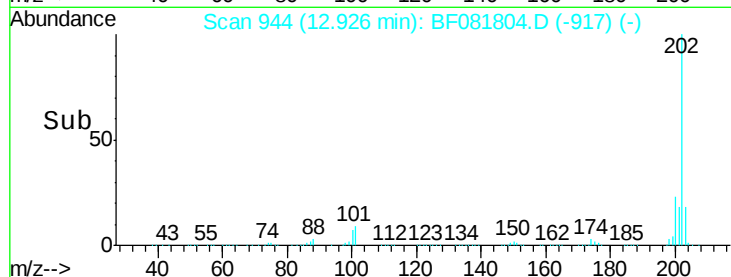
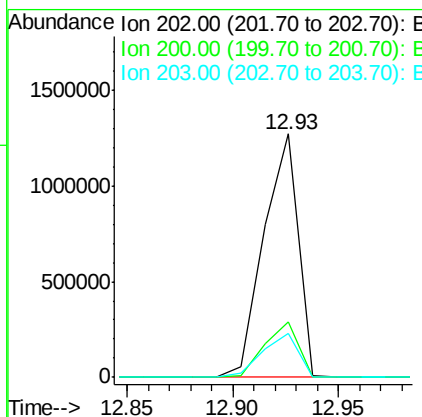
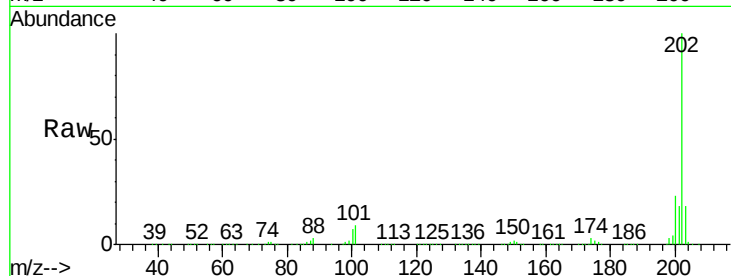
#77
 Pyrene
 Concen: 44.18 ng m
 RT: 12.93 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	15.0	22.4#
203	18.0	14.1	21.1

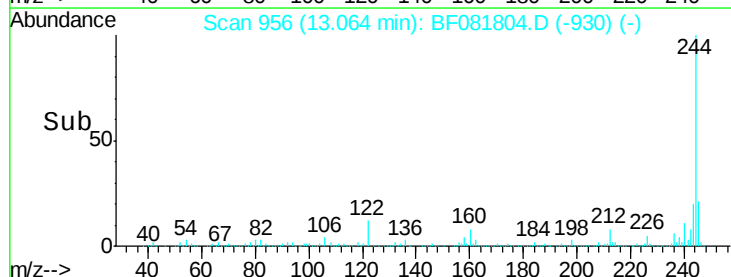
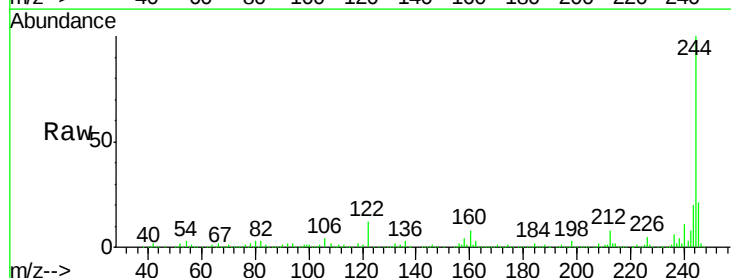
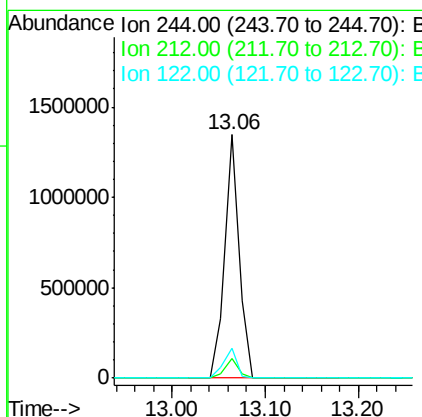
Manual Integrations
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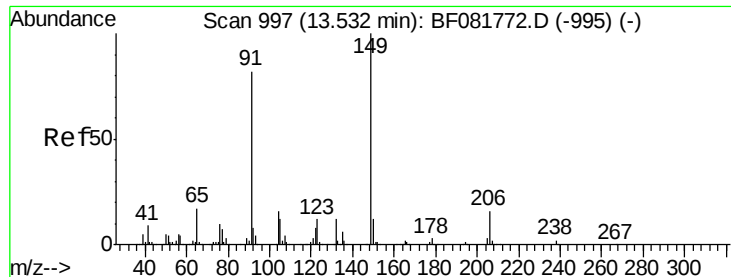
MMDadoda
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#78
 Terphenyl-d14
 Concen: 75.36 ng
 RT: 13.06 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	12.2	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 48.46 ng

RT: 13.54 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

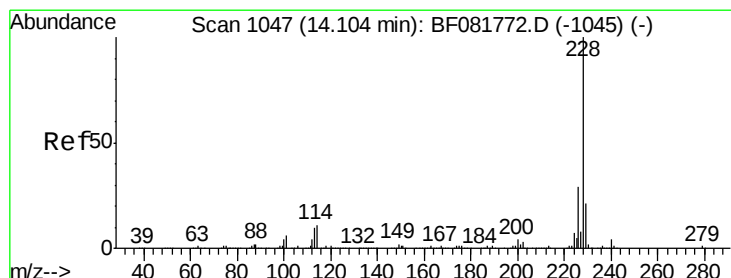
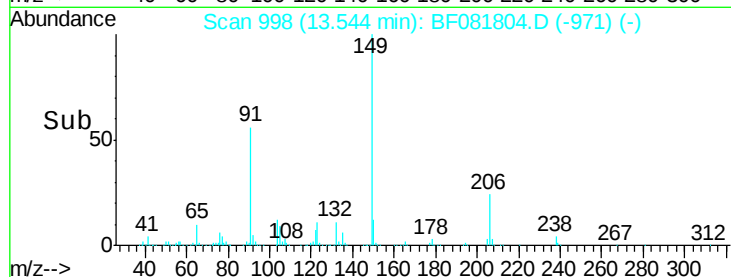
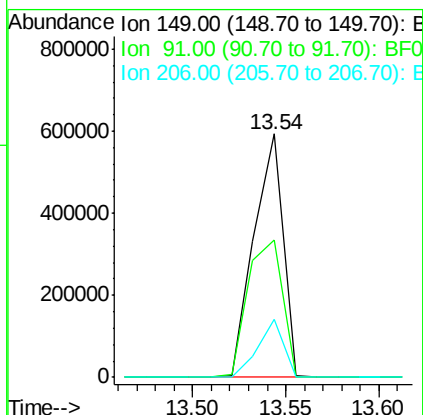
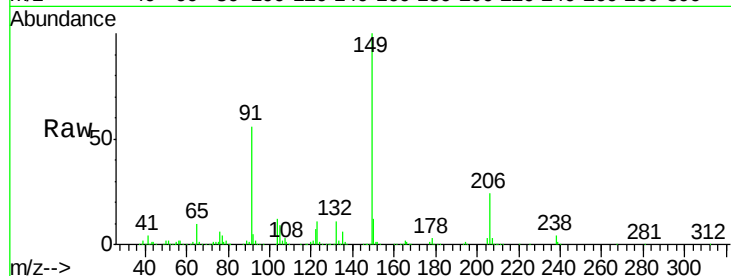
ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:	149	Resp:	640842
Ion Ratio	Lower	Upper	
149	100		
91	56.4	48.6	72.8
206	24.0	14.9	22.3#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 43.92 ng

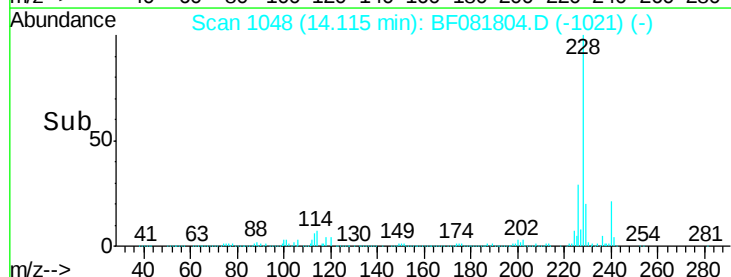
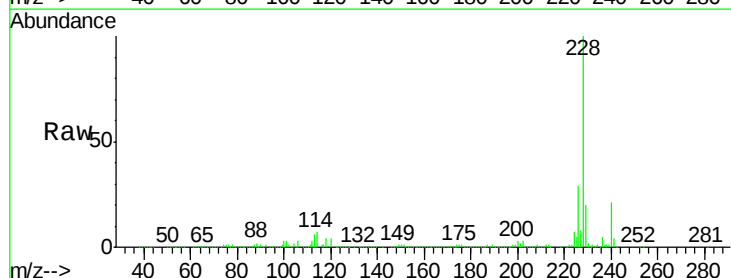
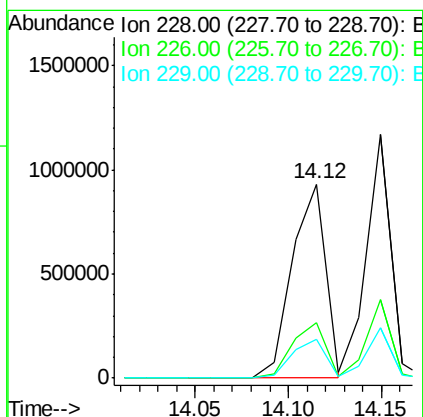
RT: 14.12 min Scan# 1048

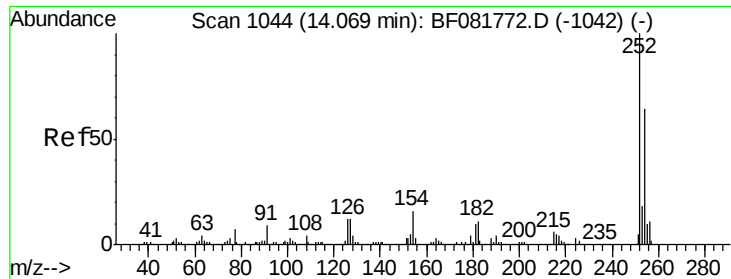
Delta R.T. 0.01 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Tgt Ion:	228	Resp:	1172138
Ion Ratio	Lower	Upper	
228	100		
226	28.6	20.0	30.0
229	20.1	15.4	23.2





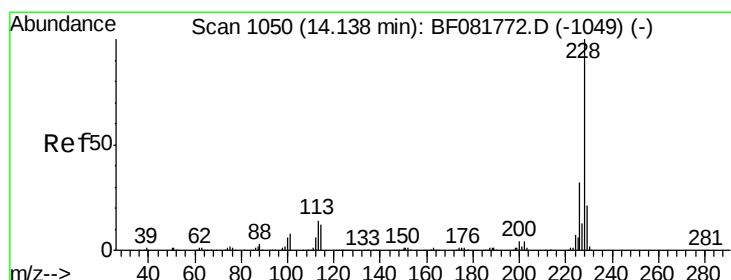
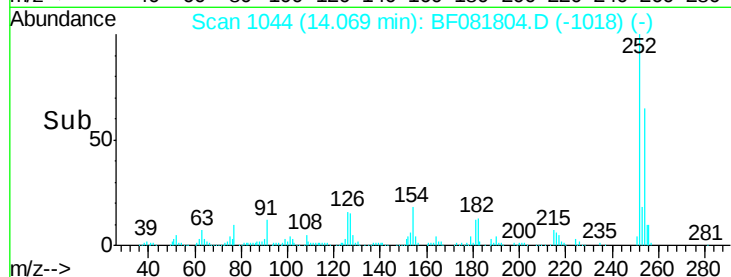
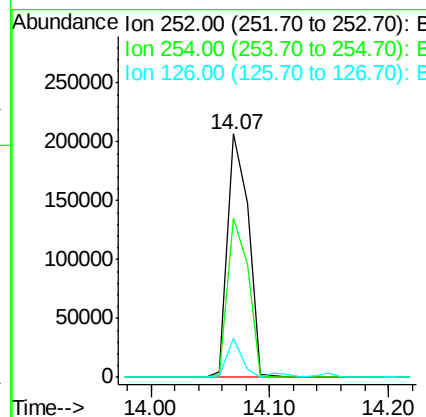
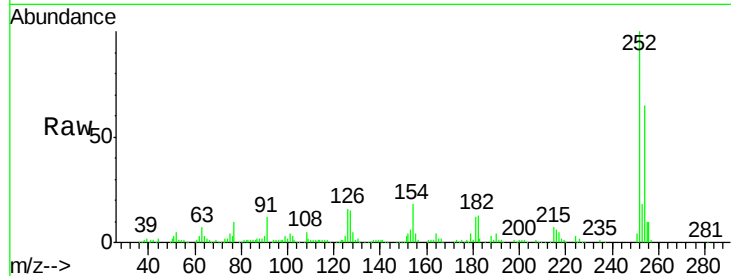
#81
 3,3'-Dichlorobenzidine
 Concen: 29.54 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	250388		
254	65.5		51.4	77.2
126	15.8		16.4	24.6

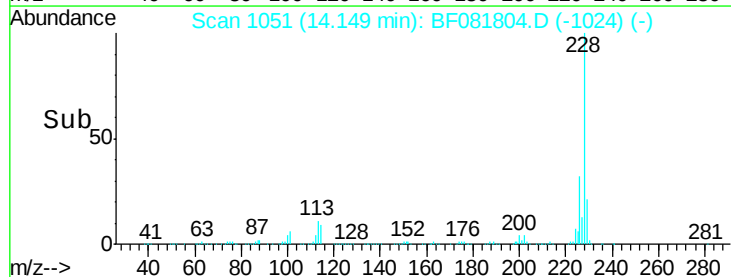
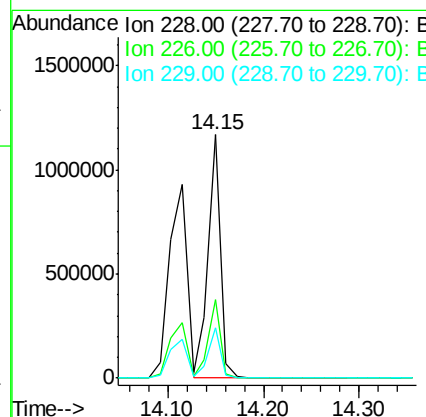
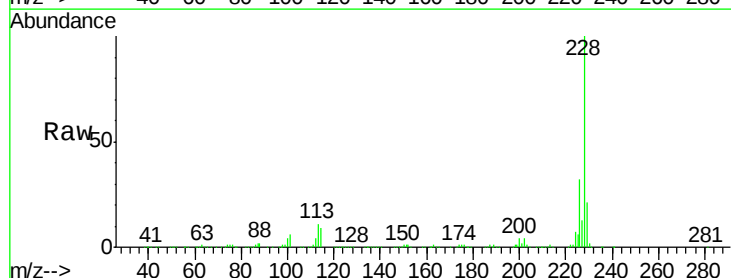
Manual Integrations
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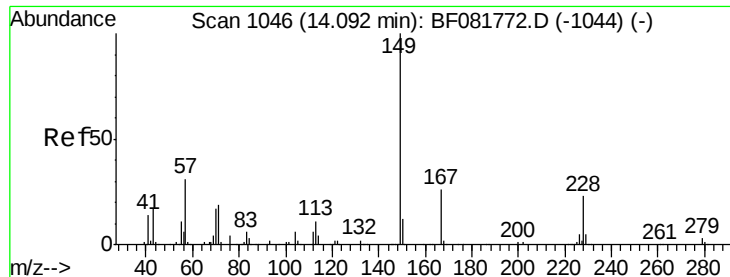
MMDadoda
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#82
 Chrysene
 Concen: 41.71 ng m
 RT: 14.15 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1067551		
226	32.3		21.0	31.4
229	20.9		15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.35 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF081804.D

Acq: 25 Sep 2015 15:43

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MS

Tgt Ion:149 Resp: 807338
Ion Ratio Lower Upper

149 100

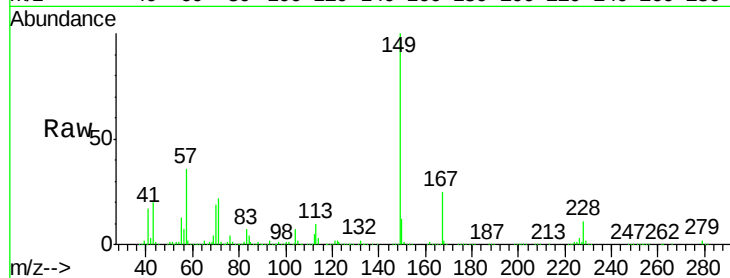
167 25.0 24.2 36.2

279 2.2 3.8 5.6#

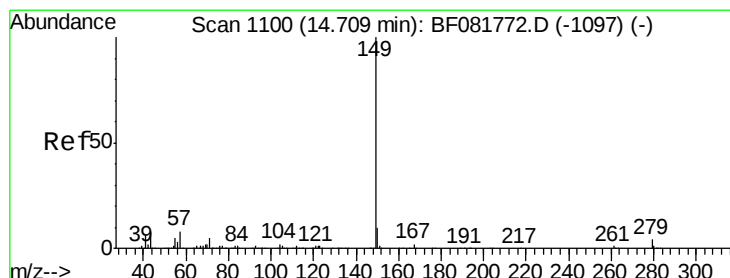
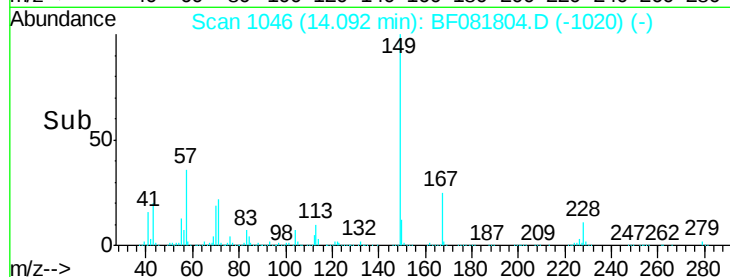
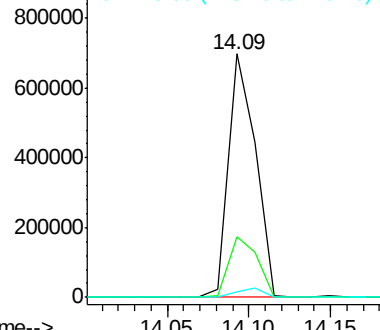
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.83 ng

RT: 14.71 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF081804.D

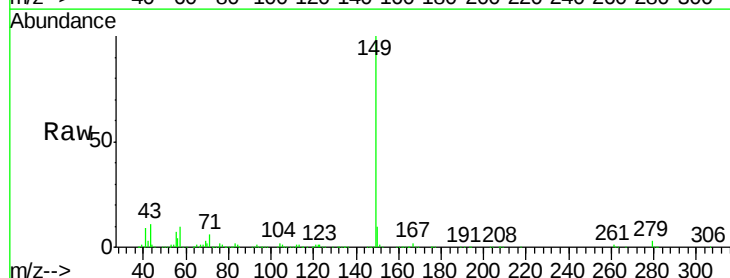
Acq: 25 Sep 2015 15:43

Tgt Ion:149 Resp: 1245670
Ion Ratio Lower Upper

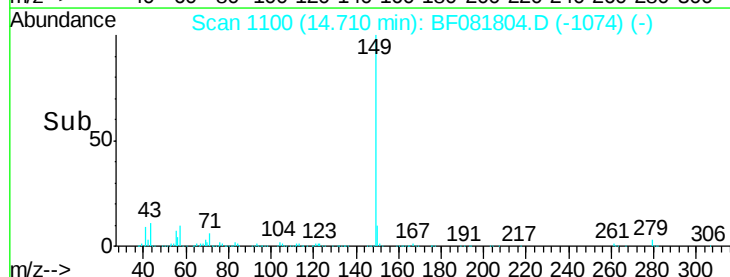
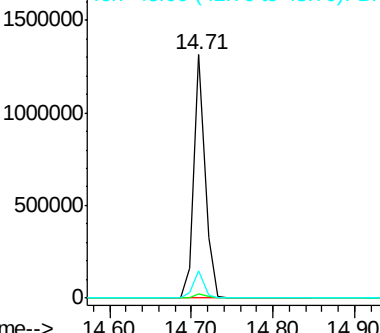
149 100

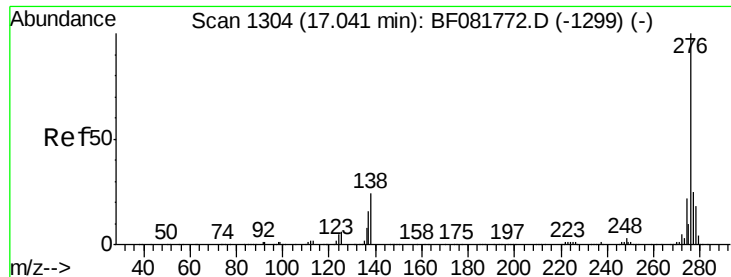
167 1.5 1.0 1.6

43 10.6 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





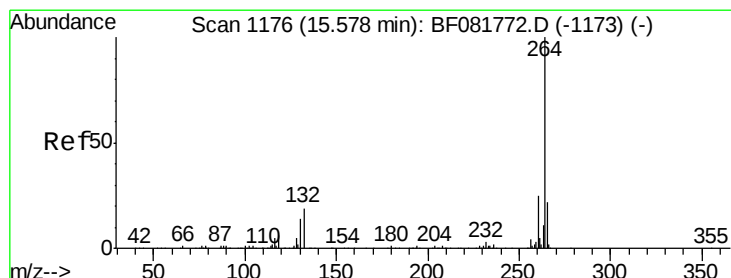
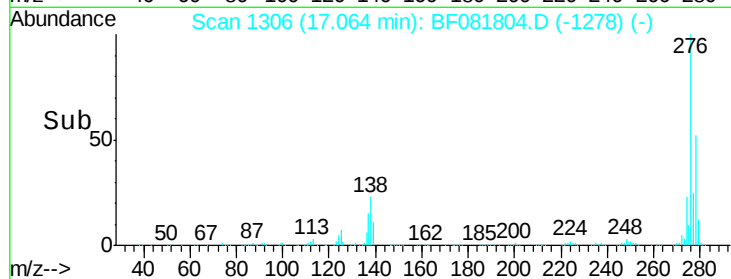
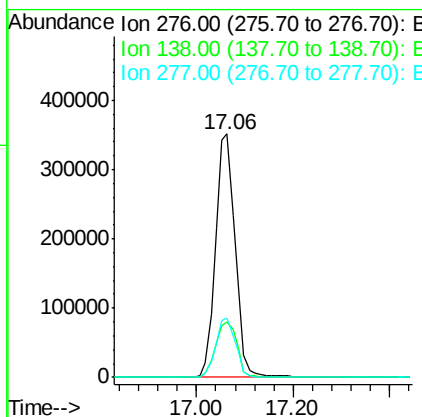
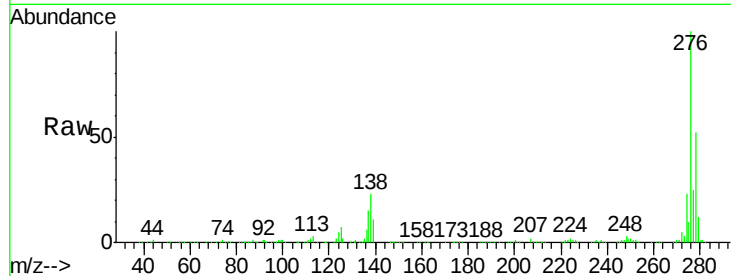
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.94 ng
 RT: 17.06 min Scan# 1306
 Delta R.T. 0.02 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.7	38.5#
277	24.8	15.6	23.4#

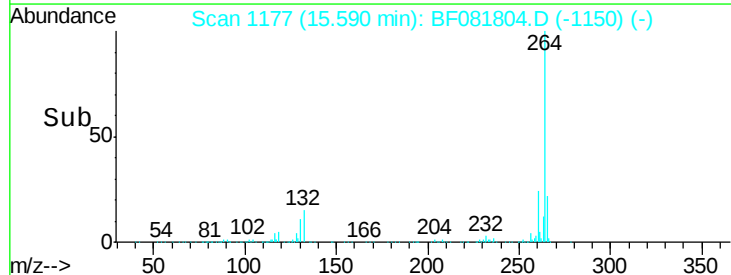
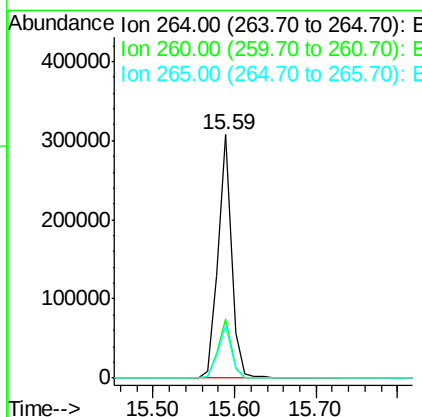
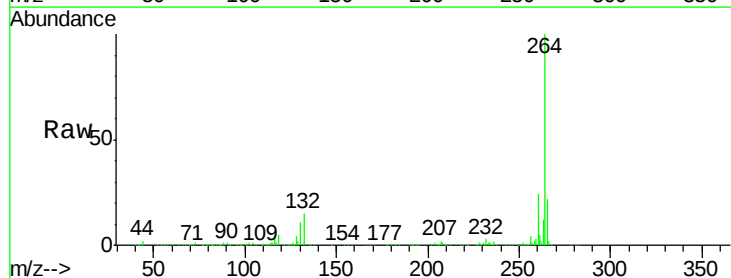
Manual Integrations
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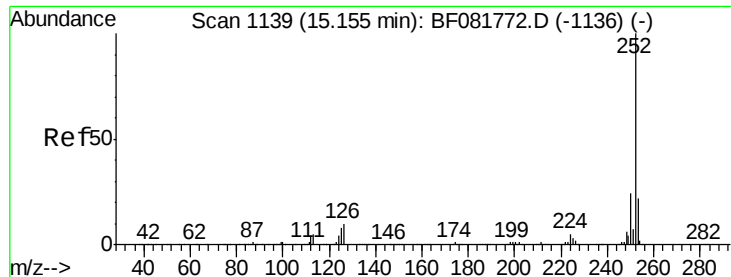
MMDadoda
 9/28/2015 1:18:47 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.8	17.2	25.8





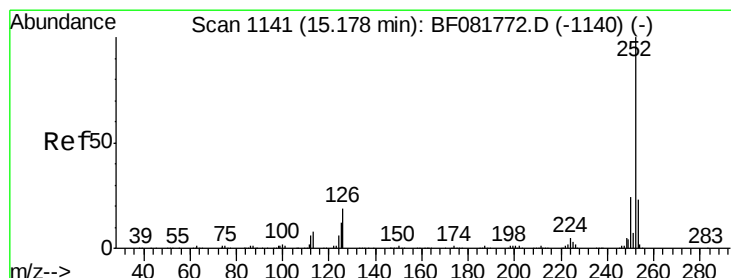
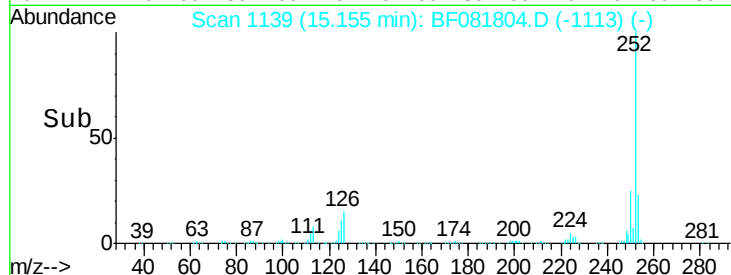
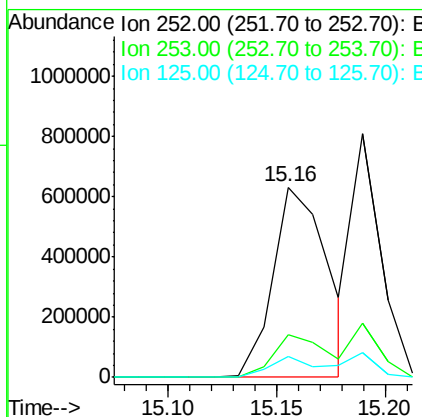
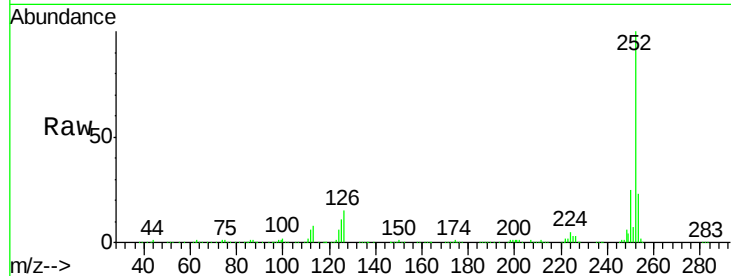
#87
Benzo(b)fluoranthene
Concen: 52.73 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.2	17.1	25.7

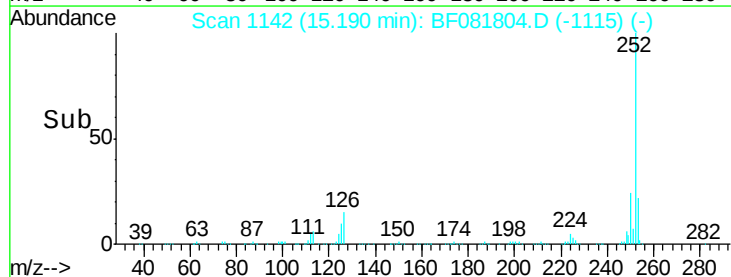
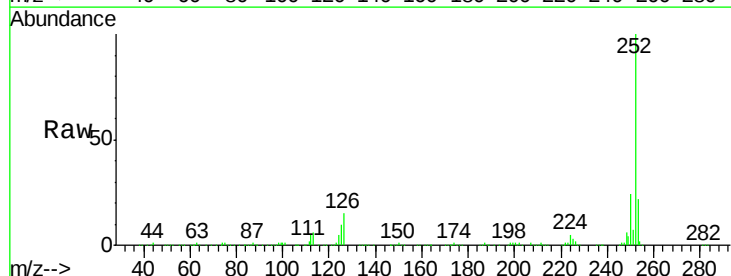
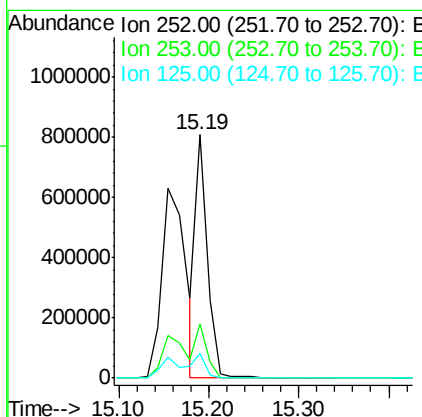
Manual Integrations
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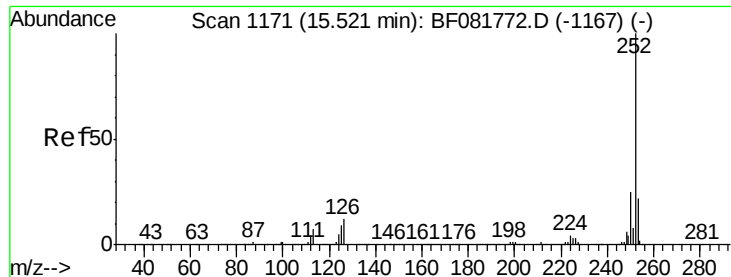
MMDadoda
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#88
Benzo(k)fluoranthene
Concen: 37.68 ng m
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	10.2	16.0	24.0





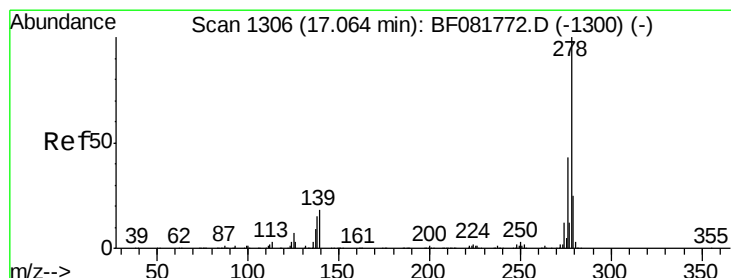
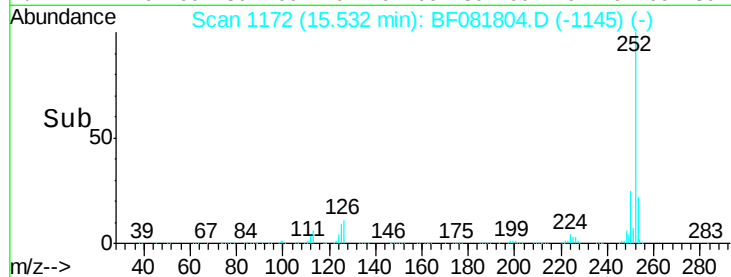
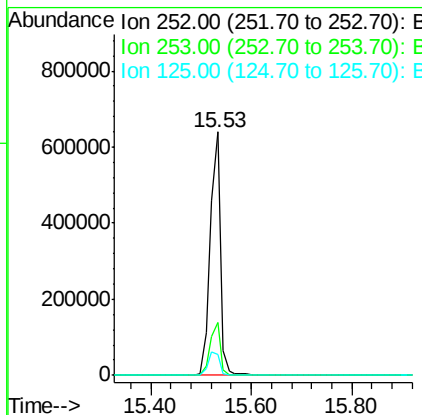
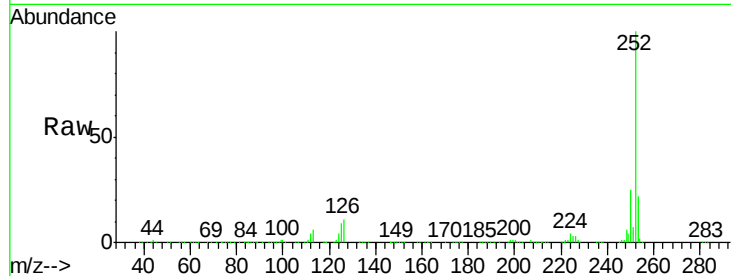
#89
Benzo(a)pyrene
Concen: 47.47 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	898100		
253	21.9	17.2	25.8	
125	8.6	18.0	27.0	

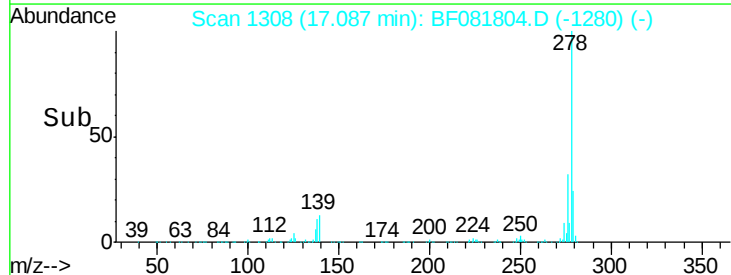
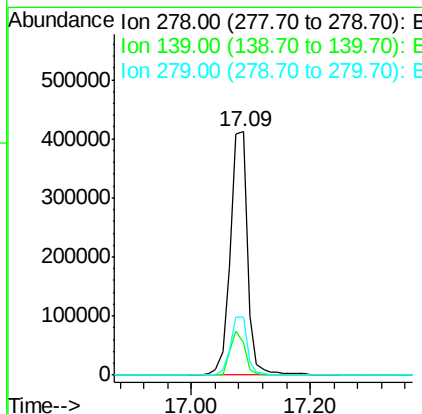
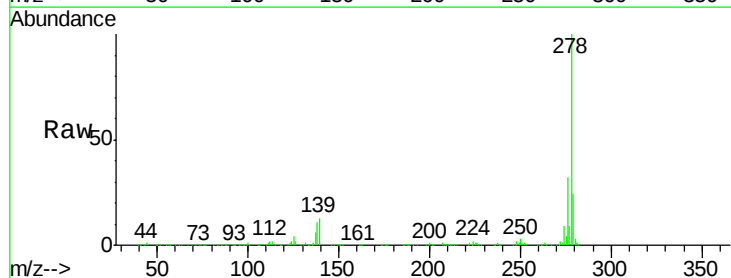
Manual Integrations
APPROVED

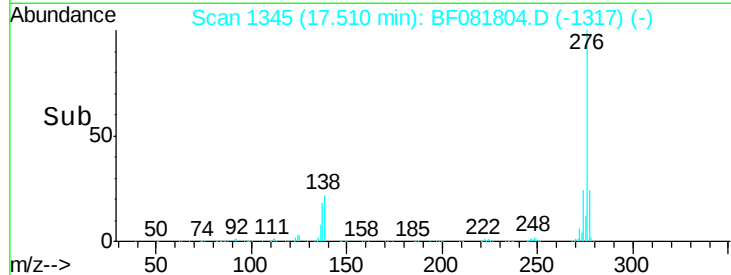
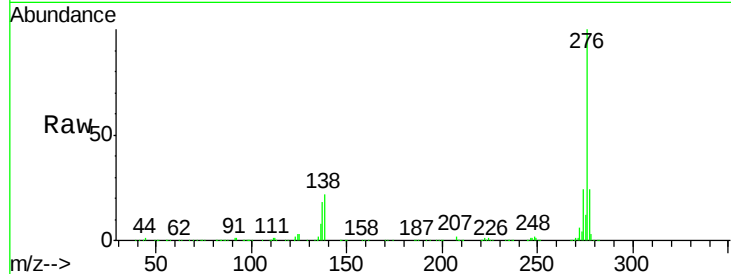
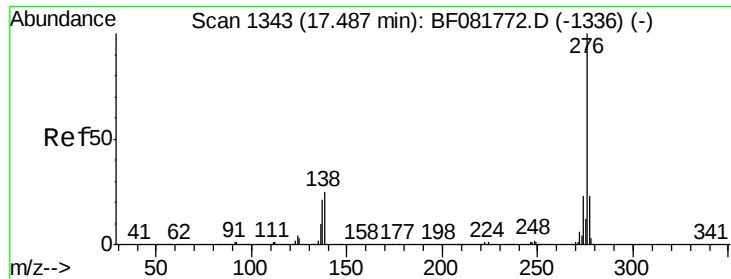
MMDadoda
9/28/2015 1:18:47 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.97 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081804.D
Acq: 25 Sep 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	827487		
139	13.4	26.3	39.5	
279	24.1	18.2	27.4	





#91
 Benzo(g,h,i)perylene
 Concen: 41.74 ng
 RT: 17.51 min Scan# 1345
 Delta R.T. 0.02 min
 Lab File: BF081804.D
 Acq: 25 Sep 2015 15:43

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	17.8	26.6
138	21.7	34.6	51.8#

Manual Integrations
 APPROVED

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