

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

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:37:14 PM

Quant Time: Sep 25 07:26:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 07:13:40 2015
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	128346	31.71	ng	90
3) Pyridine	3.43	79	357027	31.27	ng	89
4) n-Nitrosodimethylamine	3.38	42	191042	35.46	ng	95
6) Aniline	6.62	93	412716	26.66	ng	93
8) 2-Chlorophenol	6.73	128	342353	38.00	ng	84
9) Benzaldehyde	6.50	77	146999	24.04	ng	90
10) Phenol	6.58	94	397947	33.13	ng	# 53
11) bis(2-Chloroethyl)ether	6.69	93	314877	35.74	ng	94
12) 1,3-Dichlorobenzene	6.89	146	398595	37.39	ng	# 94
13) 1,4-Dichlorobenzene	6.97	146	420245	38.96	ng	96
14) 1,2-Dichlorobenzene	7.12	146	367090m	36.58	ng	
15) Benzyl Alcohol	7.09	79	333204	40.85	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.23	45	629158	41.75	ng	86
17) 2-Methylphenol	7.20	107	321437	42.24	ng	# 85
18) Hexachloroethane	7.46	117	132818	37.81	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	286622	41.57	ng	# 78
20) 3+4-Methylphenols	7.35	107	371514	38.86	ng	# 79
22) Acetophenone	7.36	105	476878	37.73	ng	# 77
24) Nitrobenzene	7.53	77	384512	39.45	ng	# 66
25) Isophorone	7.77	82	738956	38.19	ng	# 89
26) 2-Nitrophenol	7.85	139	171516	48.45	ng	# 56
27) 2,4-Dimethylphenol	7.89	122	325588	37.10	ng	# 81
28) bis(2-Chloroethoxy)methane	7.99	93	490226	43.36	ng	# 94
29) 2,4-Dichlorophenol	8.09	162	356748	43.66	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	358189	39.06	ng	98
31) Naphthalene	8.26	128	1084100	40.77	ng	97
32) Benzoic acid	7.93	122	13556m	7.93	ng	
33) 4-Chloroaniline	8.31	127	278898	23.90	ng	# 93
34) Hexachlorobutadiene	8.38	225	218670	40.43	ng	99
35) Caprolactam	8.67	113	98331m	45.05	ng	
36) 4-Chloro-3-methylphenol	8.78	107	334169	40.81	ng	# 79
37) 2-Methylnaphthalene	8.95	142	704344	37.17	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	361617	39.84	ng	99
40) Hexachlorocyclopentadiene	9.11	237	337905	86.86	ng	99

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	262257	43.85	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	246642	41.91	ng #	90
45) 1,1'-Biphenyl	9.42	154	956725	43.02	ng	94
46) 2-Chloronaphthalene	9.44	162	706657	39.50	ng	93
47) 2-Nitroaniline	9.53	65	203691	42.81	ng #	68
48) Acenaphthylene	9.86	152	1171082	38.68	ng	97
49) Dimethylphthalate	9.71	163	1136560	52.52	ng #	97
50) 2,6-Dinitrotoluene	9.78	165	209549	50.16	ng	94
51) Acenaphthene	10.03	154	705894	40.46	ng	92
52) 3-Nitroaniline	9.94	138	140629	31.04	ng #	61
53) 2,4-Dinitrophenol	10.05	184	46217	68.37	ng #	44
54) Dibenzofuran	10.21	168	1018529	39.80	ng	97
55) 4-Nitrophenol	10.10	139	297133	95.10	ng #	74
56) 2,4-Dinitrotoluene	10.18	165	272068	54.40	ng #	96
57) Fluorene	10.55	166	764496	38.93	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	211260	47.03	ng	97
59) Diethylphthalate	10.41	149	856823	40.88	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	390841	43.35	ng	97
61) 4-Nitroaniline	10.56	138	170799	38.81	ng #	45
62) Azobenzene	10.70	77	921407	43.00	ng	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	64582	52.41	ng	97
65) n-Nitrosodiphenylamine	10.65	169	665010	37.76	ng	90
66) 4-Bromophenyl-phenylether	11.03	248	251236	43.20	ng #	86
67) Hexachlorobenzene	11.09	284	262327	43.24	ng #	89
68) Atrazine	11.18	200	225527	42.83	ng	82
69) Pentachlorophenol	11.28	266	276373	82.23	ng	98
70) Phenanthrene	11.51	178	1207968	40.46	ng	96
71) Anthracene	11.55	178	1088252	37.82	ng	95
72) Carbazole	11.72	167	1073945	40.21	ng	96
73) Di-n-butylphthalate	12.04	149	1281550	39.42	ng #	97
74) Fluoranthene	12.69	202	1128016	37.49	ng	93
76) Benzidine	12.81	184	301318	22.31	ng	98
77) Pyrene	12.92	202	1198295	39.94	ng	95
79) Butylbenzylphthalate	13.53	149	522248	43.68	ng #	77
80) Benzo(a)anthracene	14.10	228	874528	36.24	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	246745	32.19	ng #	93
82) Chrysene	14.14	228	827652m	35.77	ng	
83) Bis(2-ethylhexyl)phthalate	14.09	149	766561	52.88	ng #	93
84) Di-n-octyl phthalate	14.71	149	1225534	57.49	ng	95
85) Indeno(1,2,3-cd)pyrene	17.04	276	795059	37.53	ng #	89
87) Benzo(b)fluoranthene	15.16	252	768938	40.17	ng #	86
88) Benzo(k)fluoranthene	15.18	252	690950m	37.48	ng	
89) Benzo(a)pyrene	15.52	252	714554	41.35	ng #	85
90) Dibenzo(a,h)anthracene	17.06	278	676327	37.56	ng #	83
91) Benzo(g,h,i)perylene	17.49	276	619600	33.37	ng #	79

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

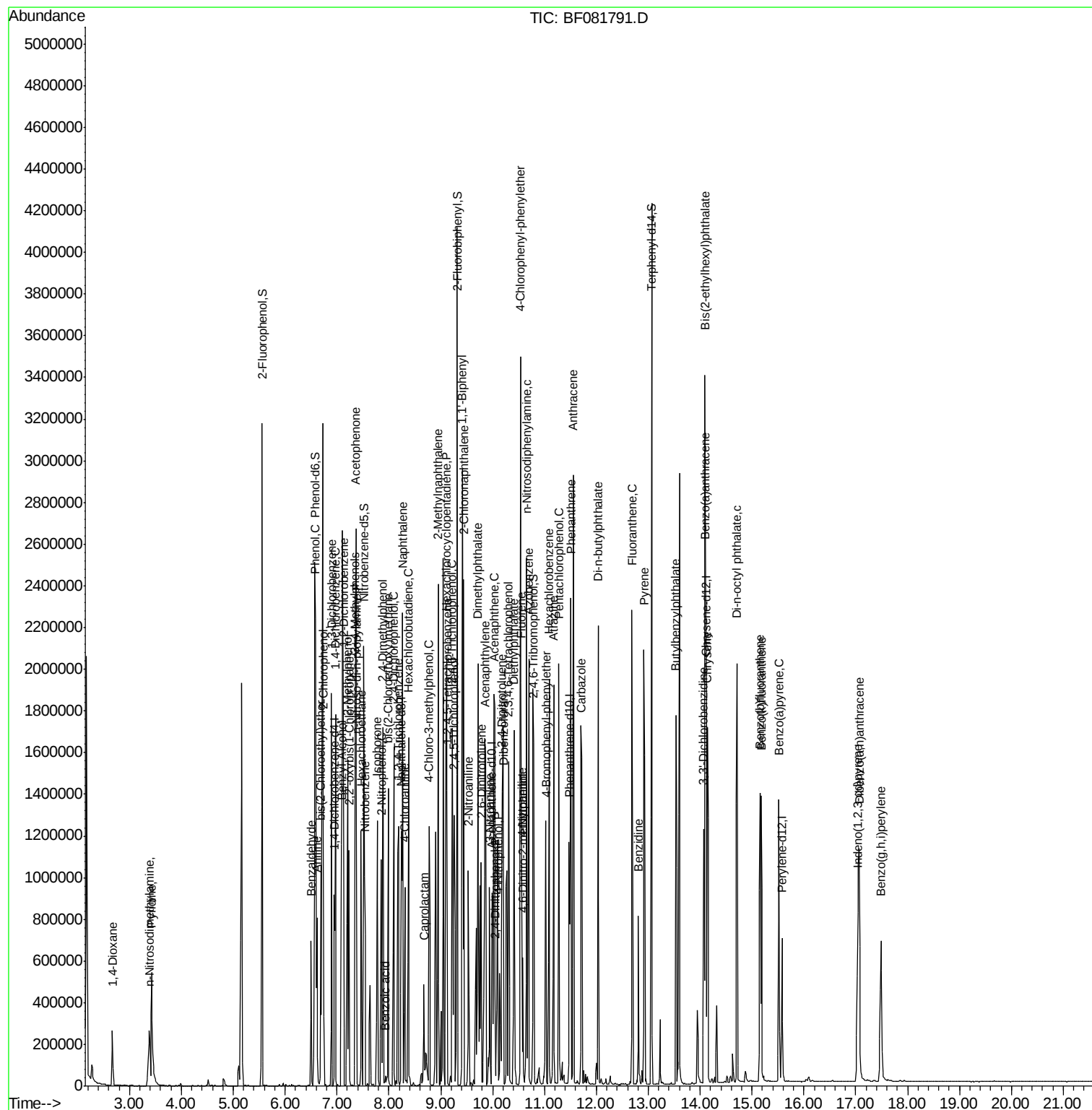
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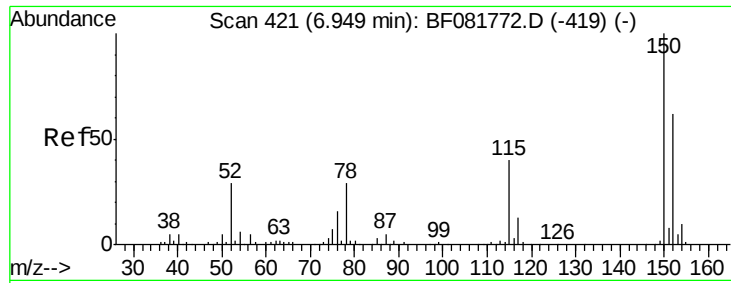
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion: 152 Resp: 138328

Ion Ratio Lower Upper

152 100

150 159.2 124.7 187.1

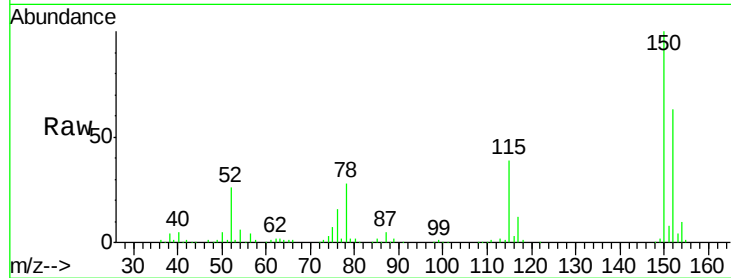
115 62.7 39.0 58.4#

Manual Integrations

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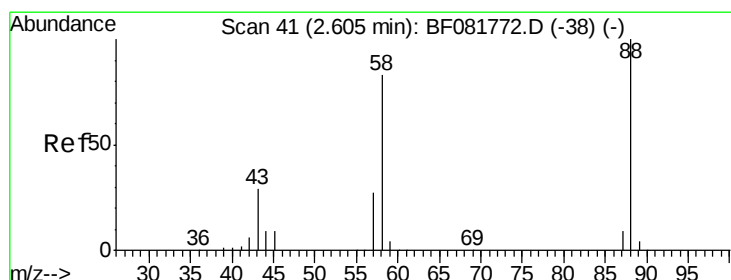
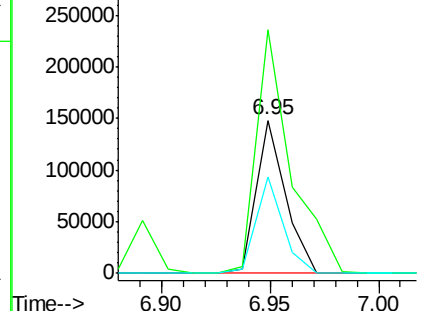
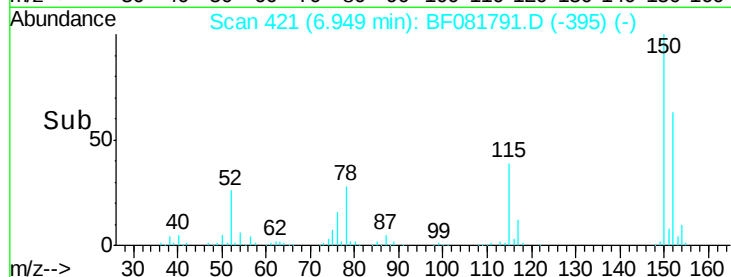
9/25/2015 3:37:14 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.71 ng

RT: 2.67 min Scan# 47

Delta R.T. 0.07 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

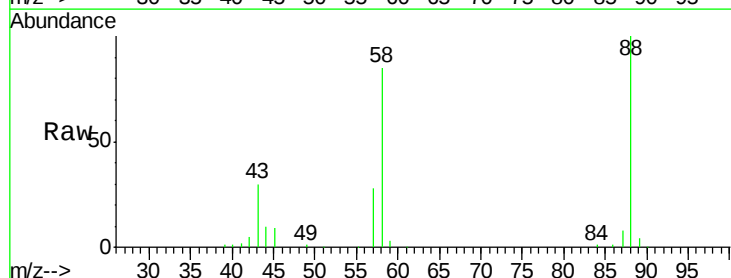
Tgt Ion: 88 Resp: 128346

Ion Ratio Lower Upper

88 100

58 85.2 77.7 116.5

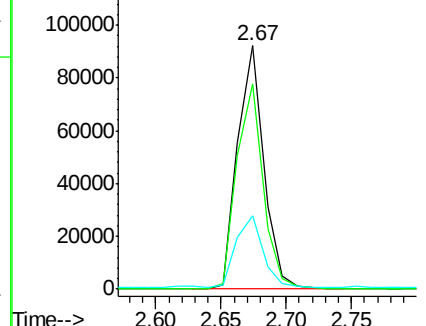
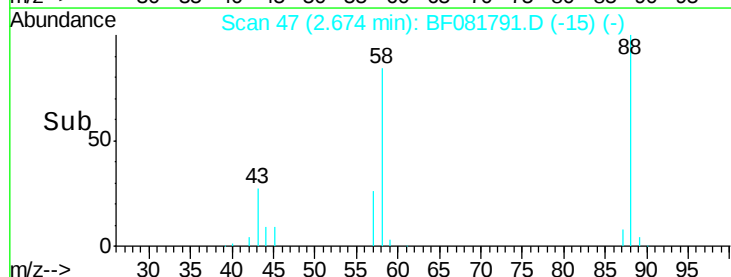
43 30.2 26.6 40.0

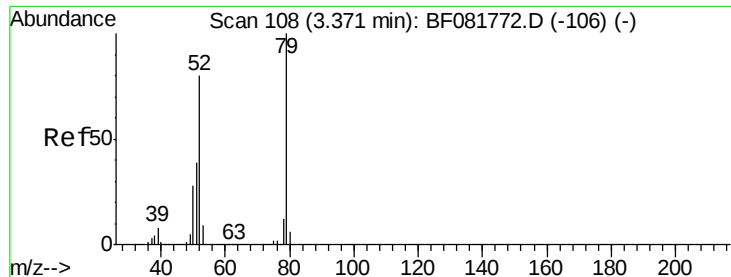


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.27 ng

RT: 3.43 min Scan# 113

Delta R.T. 0.07 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

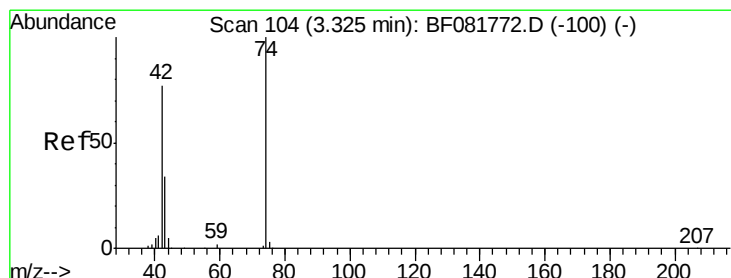
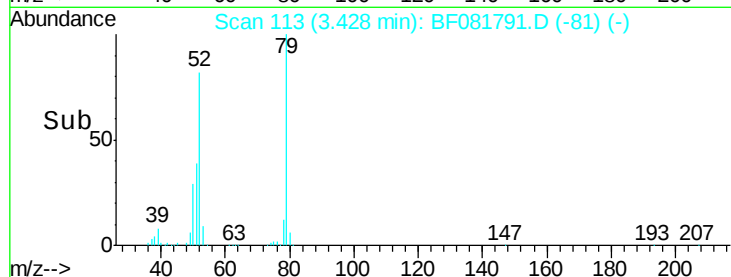
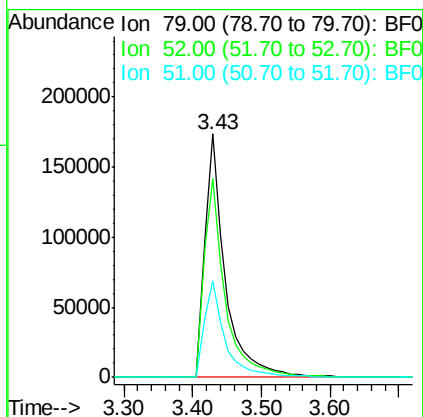
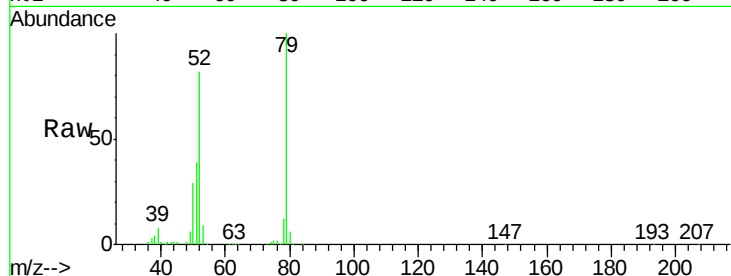
ClientSampleId :

MGP209BR-29-30MSD

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

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#4

n-Nitrosodimethylamine

Concen: 35.46 ng

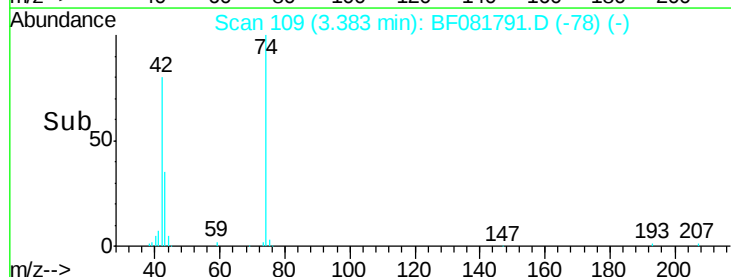
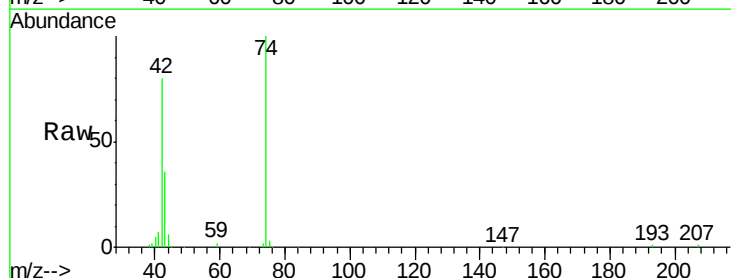
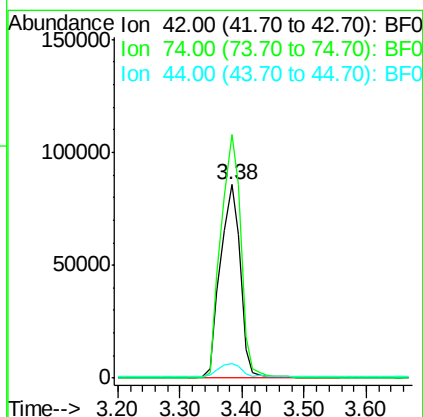
RT: 3.38 min Scan# 109

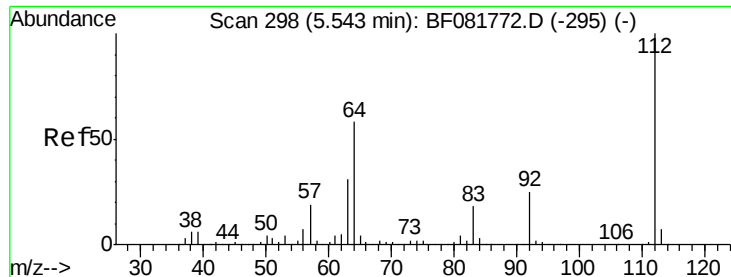
Delta R.T. 0.06 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

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





#5

2-Fluorophenol

Concen: 105.85 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

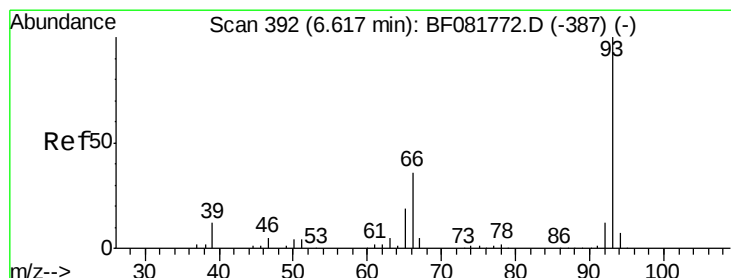
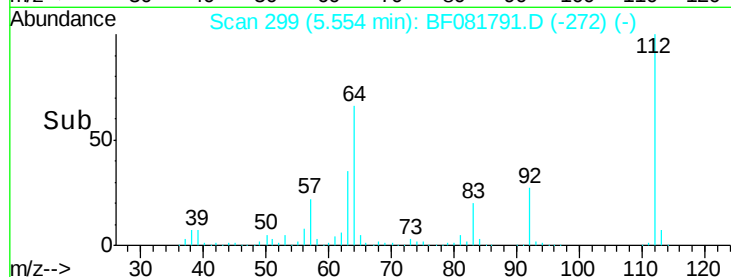
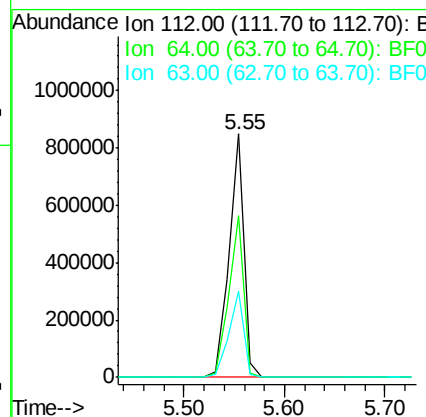
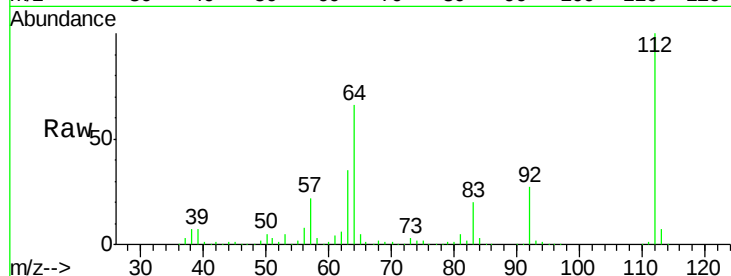
ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:	112	Resp:	865461
Ion Ratio	Lower	Upper	
112	100		
64	66.3	39.7	59.5#
63	35.3	17.4	26.0#

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#6

Aniline

Concen: 26.66 ng

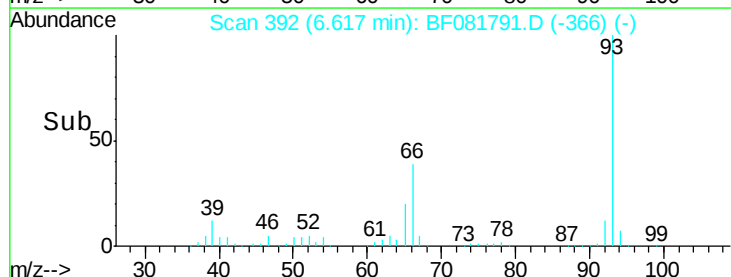
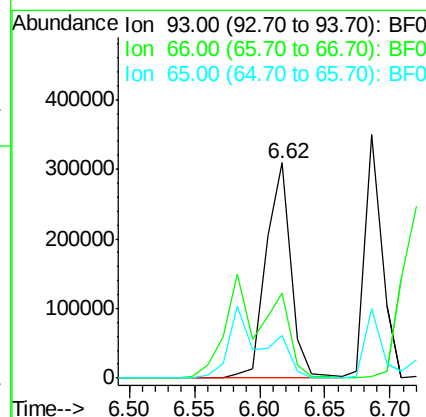
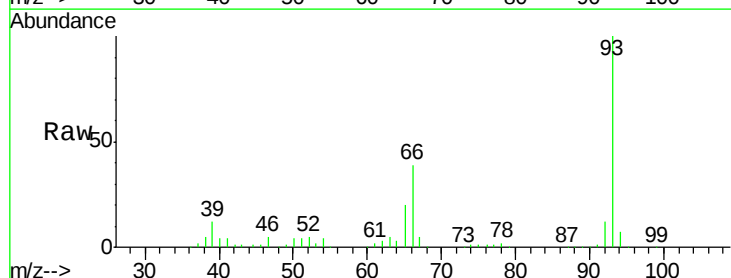
RT: 6.62 min Scan# 392

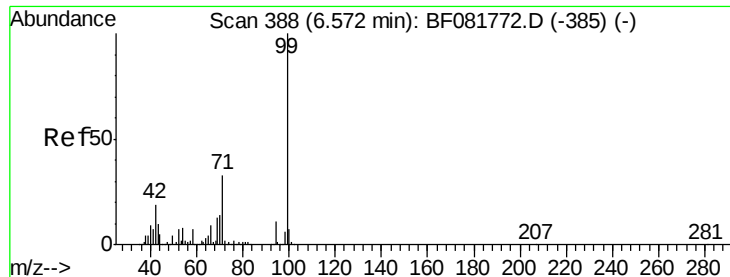
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion:	93	Resp:	412716
Ion Ratio	Lower	Upper	
93	100		
66	39.2	27.2	40.8
65	19.9	14.7	22.1





#7

Phenol-d6

Concen: 115.10 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

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MGP209BR-29-30MSD

Tgt Ion: 99 Resp: 1190452

Ion Ratio Lower Upper

99 100

42 21.2 13.7 20.5#

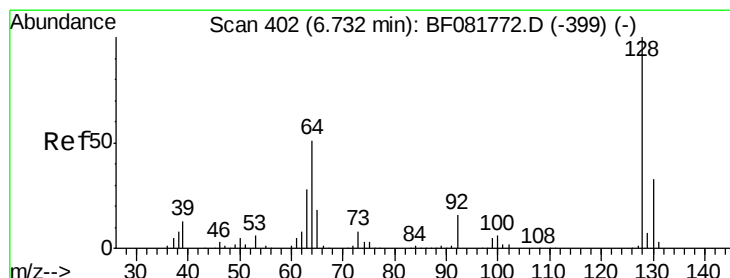
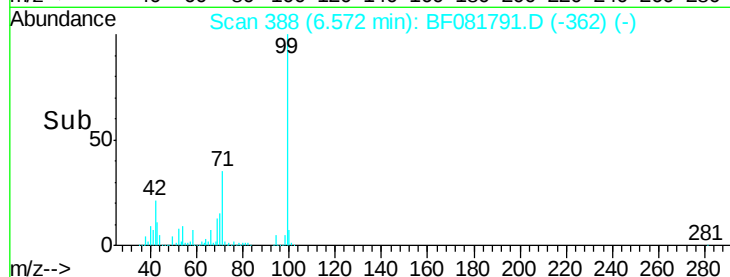
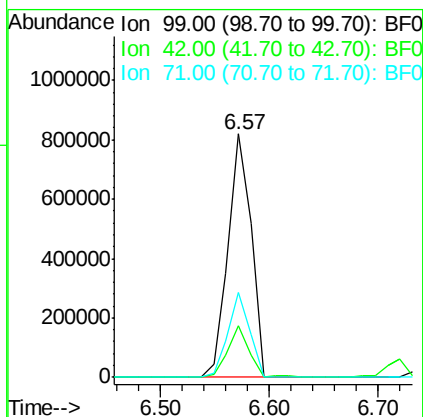
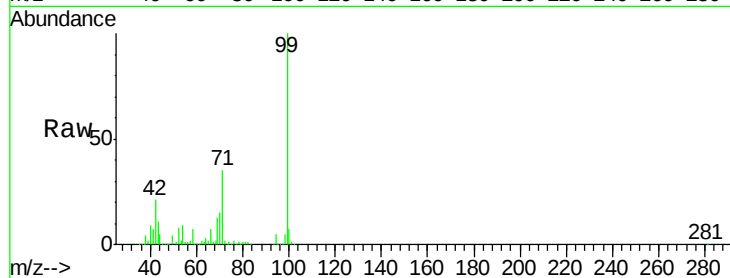
71 35.0 14.2 21.2#

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.00 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

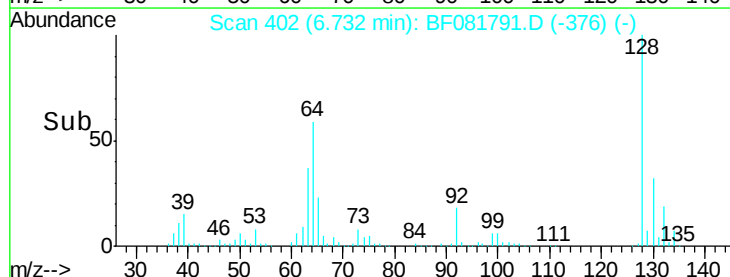
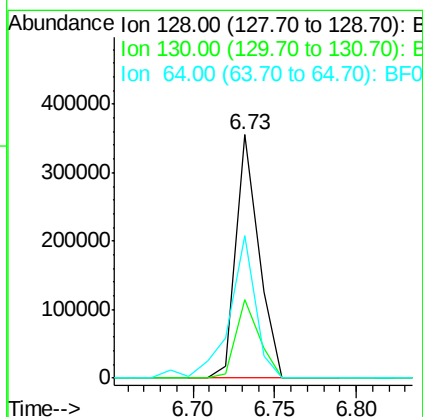
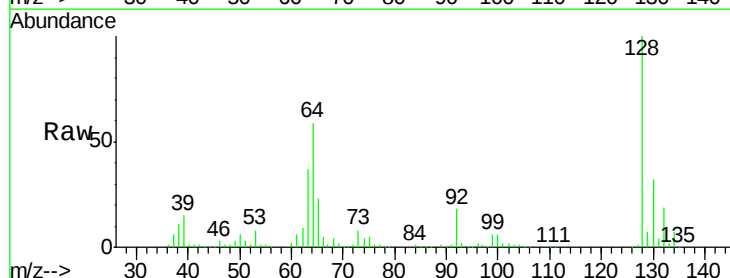
Tgt Ion: 128 Resp: 342353

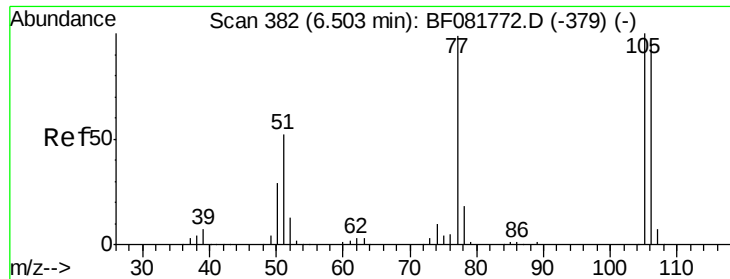
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 58.7 20.5 60.5





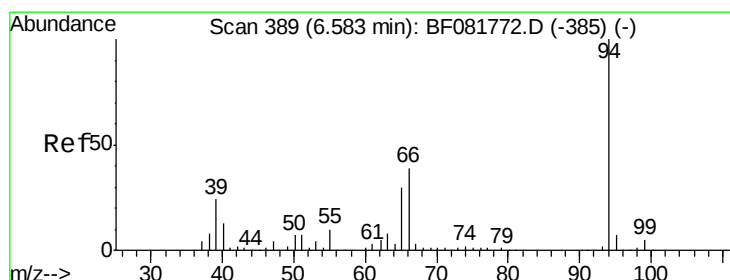
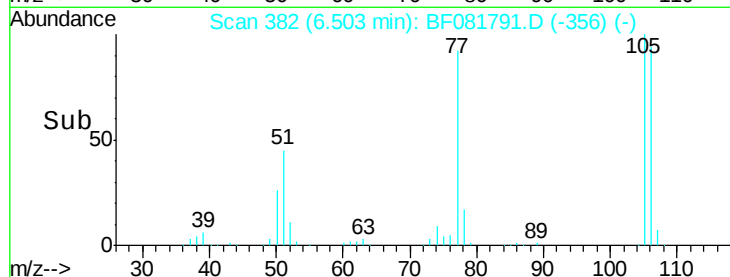
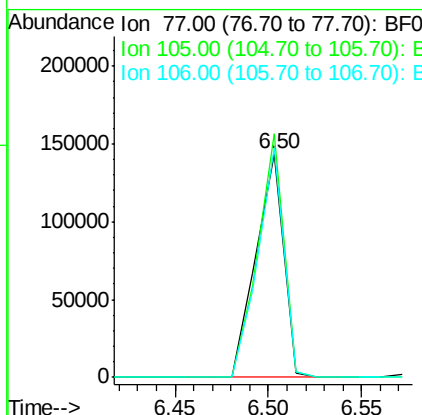
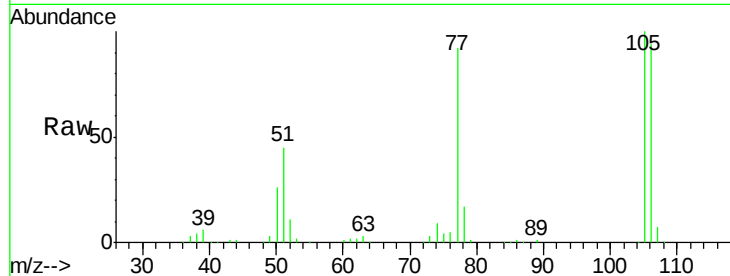
#9
Benzaldehyde
Concen: 24.04 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
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ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion: 77 Resp: 146999
Ion Ratio Lower Upper
77 100
105 108.9 91.6 131.6
106 102.7 102.6 142.6

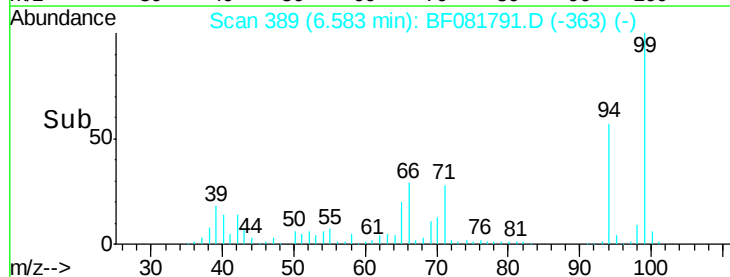
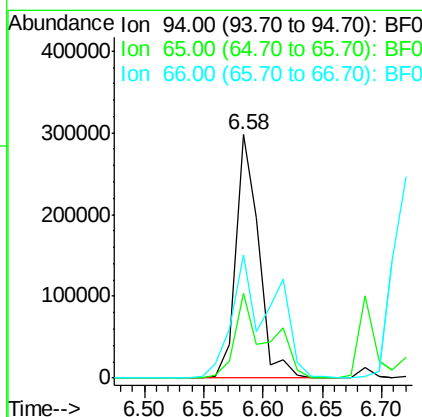
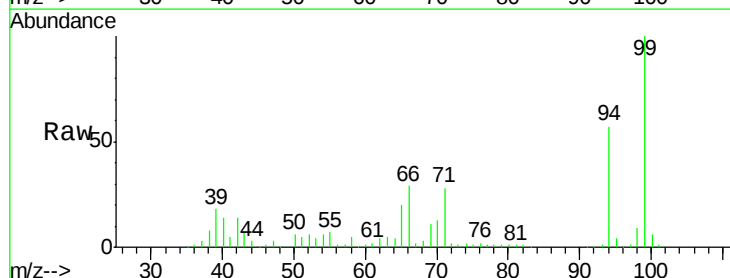
Manual Integrations
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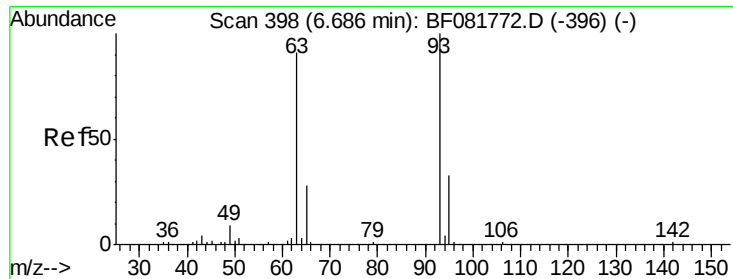
MMDadoda
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#10
Phenol
Concen: 33.13 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion: 94 Resp: 397947
Ion Ratio Lower Upper
94 100
65 34.6 0.7 40.7
66 50.5 0.8 40.8#





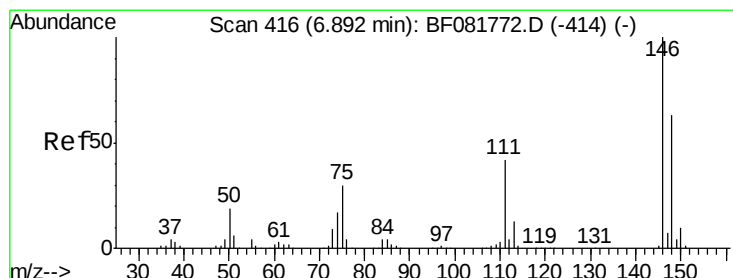
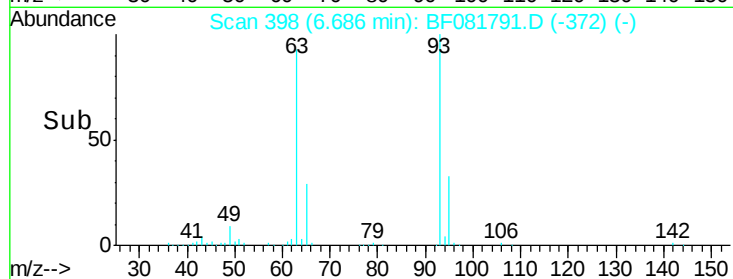
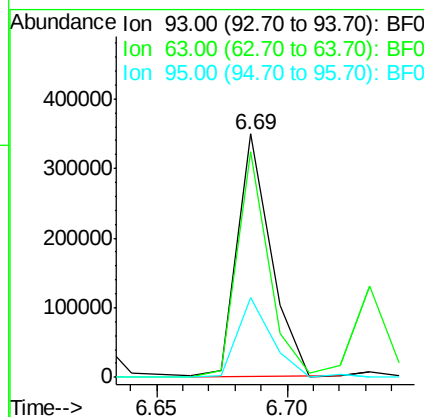
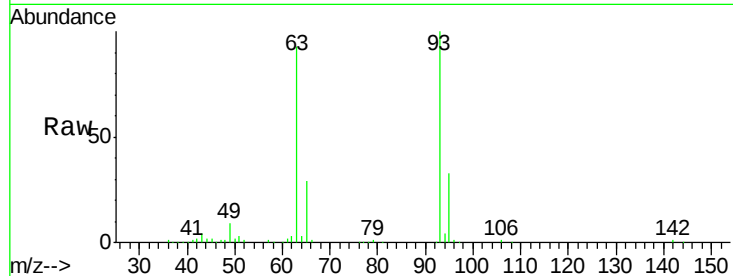
#11
bis(2-Chloroethyl)ether
Concen: 35.74 ng
RT: 6.69 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	314877		
63	92.5	65.6	105.6	
95	32.8	13.6	53.6	

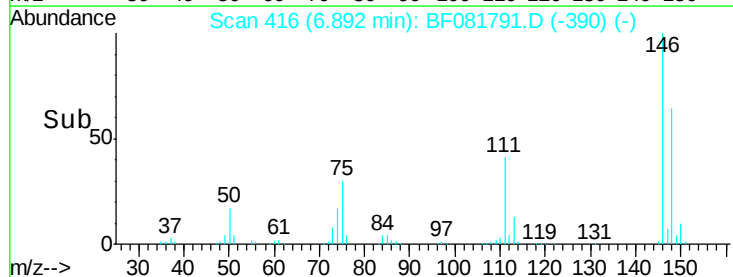
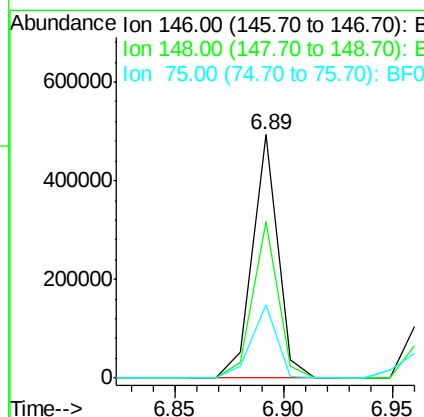
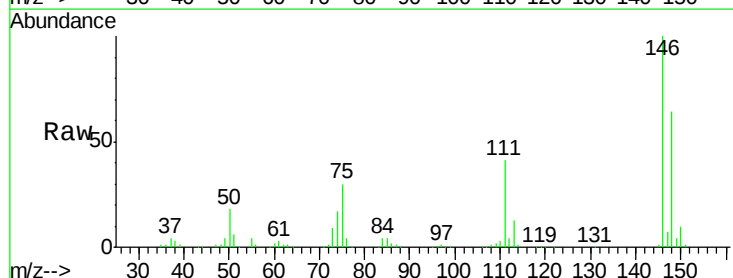
Manual Integrations
APPROVED

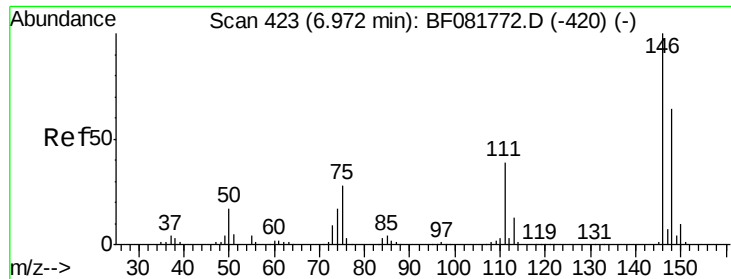
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 37.39 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	398595		
148	64.3	51.0	76.4	
75	30.0	15.0	22.6#	





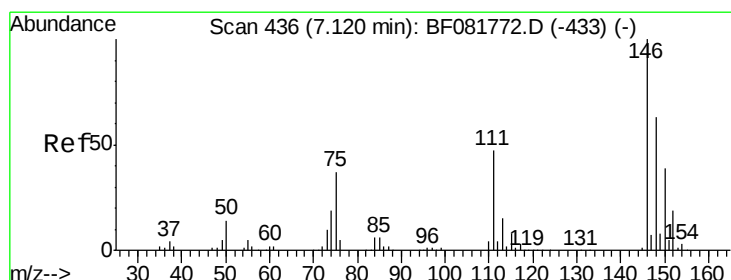
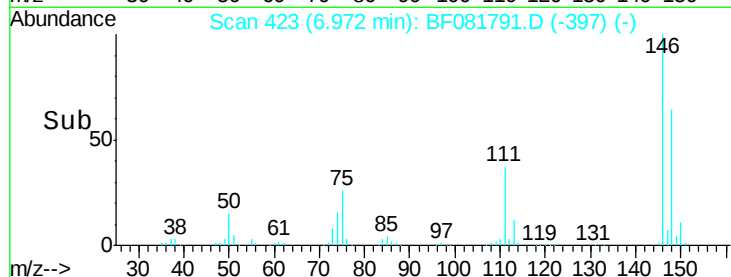
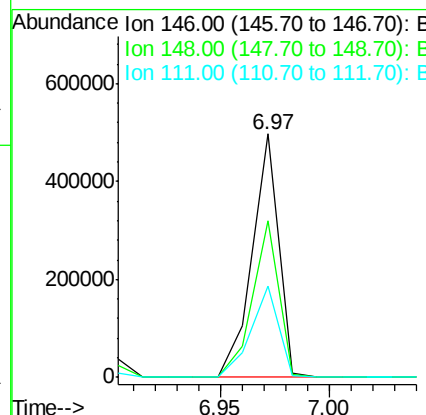
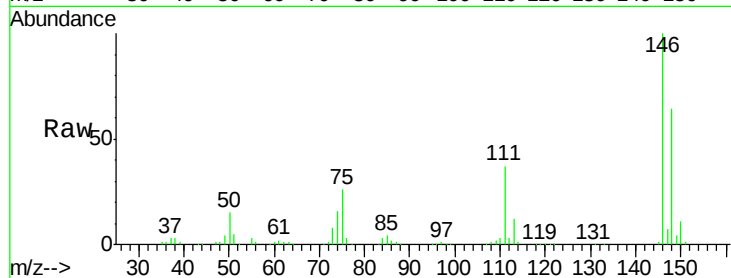
#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 6.97 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	37.3	24.9	37.3

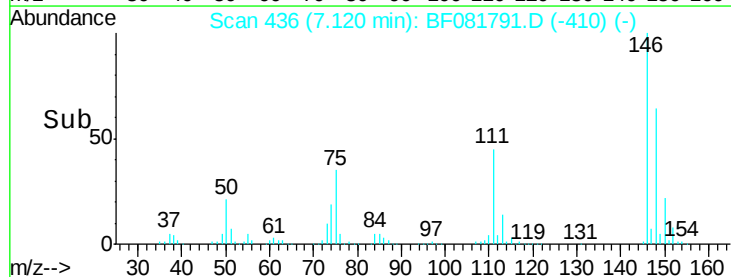
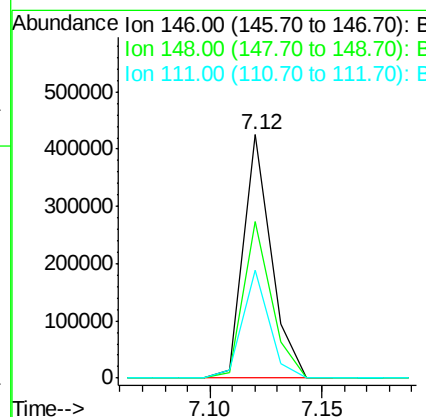
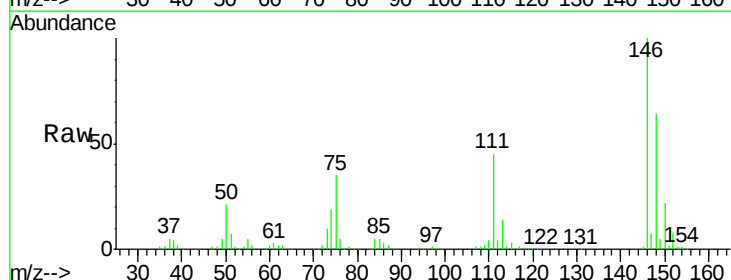
Manual Integrations
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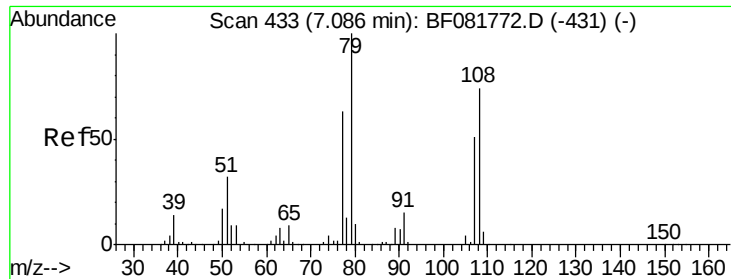
MMDadoda
 9/25/2015 3:37:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.58 ng m
 RT: 7.12 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.7	79.1
111	44.5	28.8	43.2#





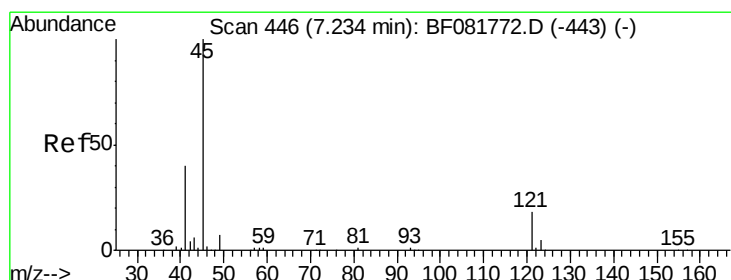
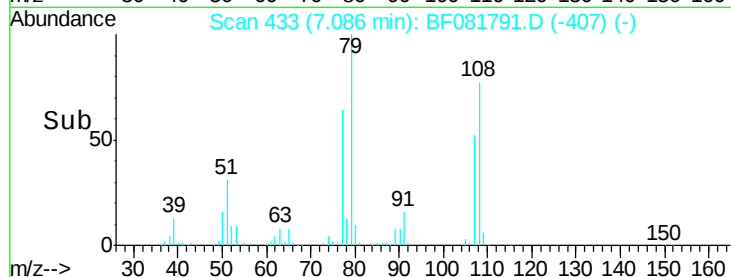
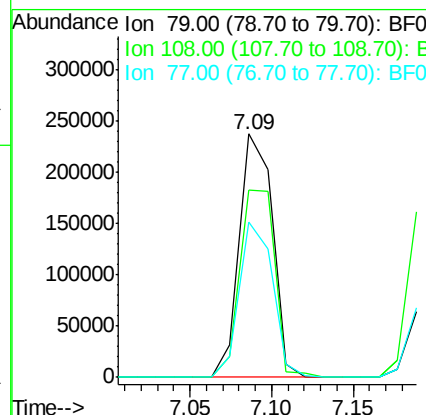
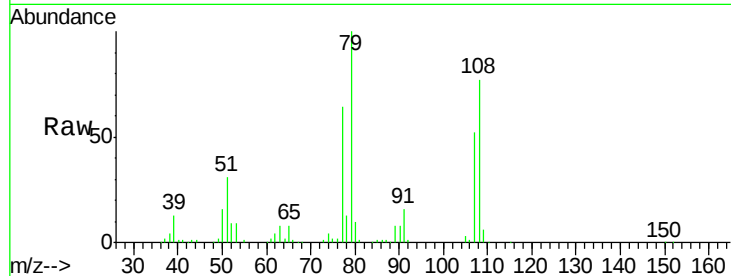
#15
Benzyl Alcohol
Concen: 40.85 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

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

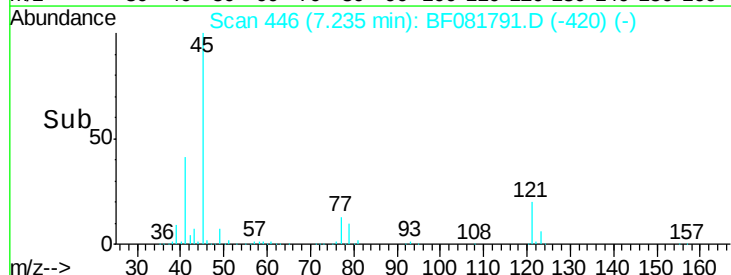
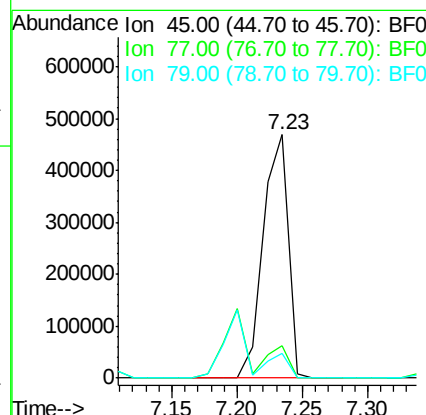
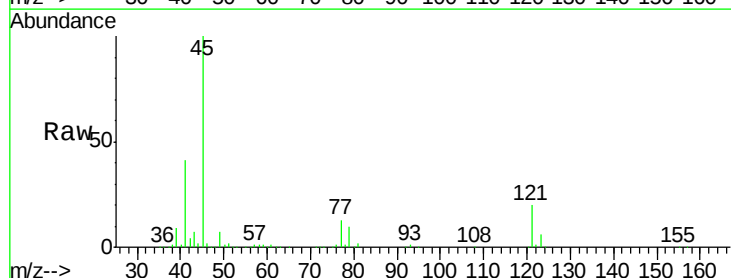
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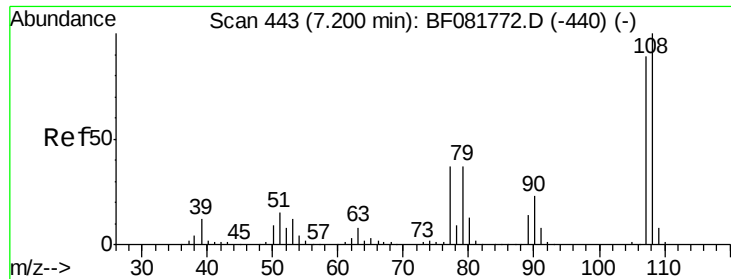
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.75 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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





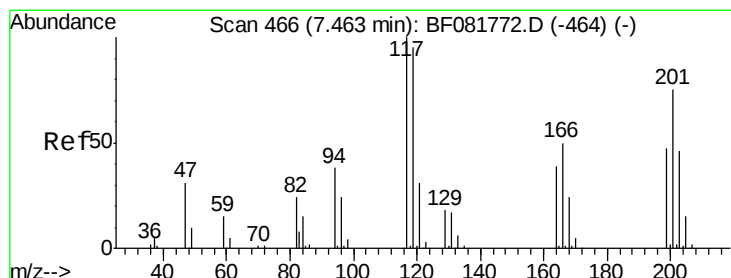
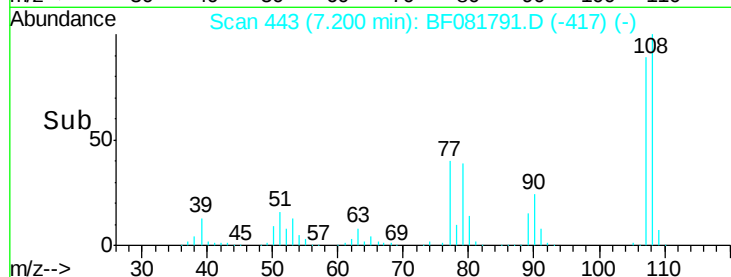
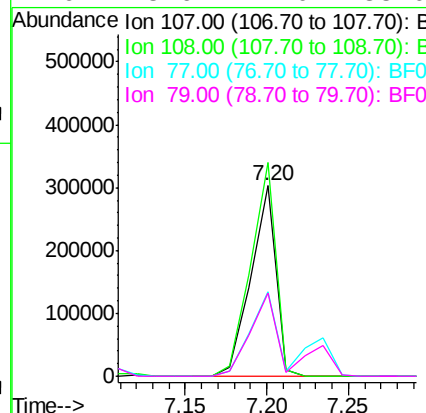
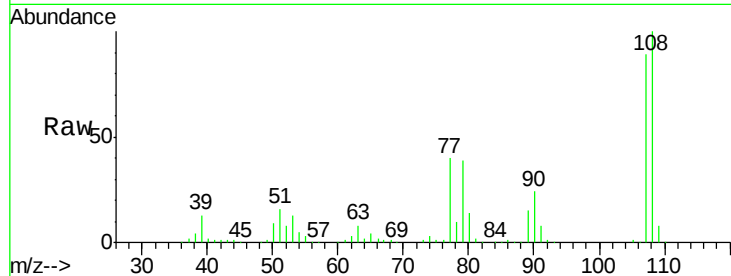
#17
2-Methylphenol
Concen: 42.24 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	321437		
108	112.3	96.6	145.0	
77	44.5	23.3	34.9#	
79	43.6	22.0	33.0#	

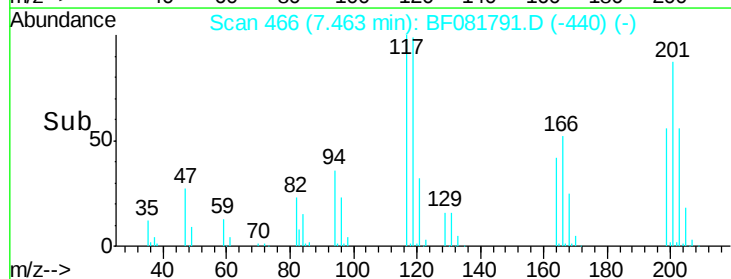
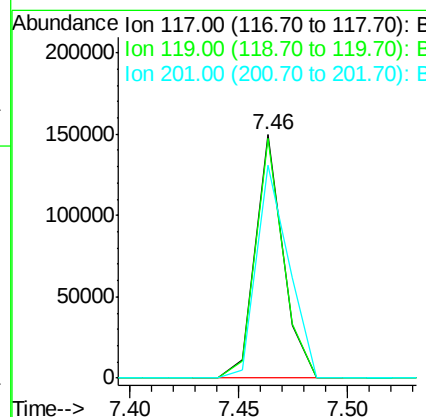
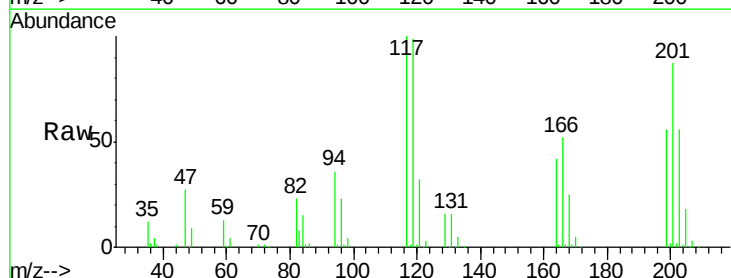
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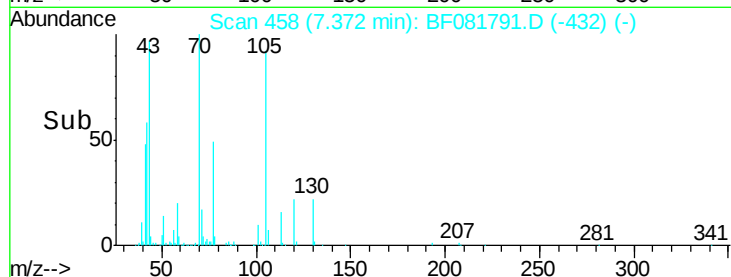
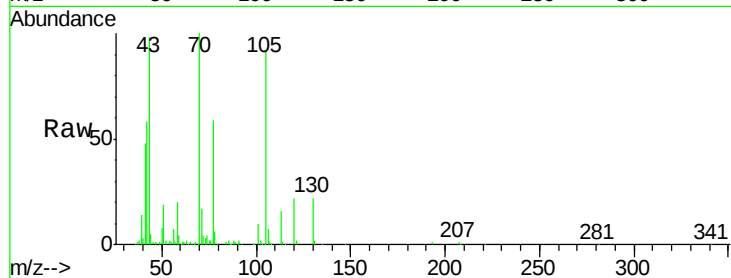
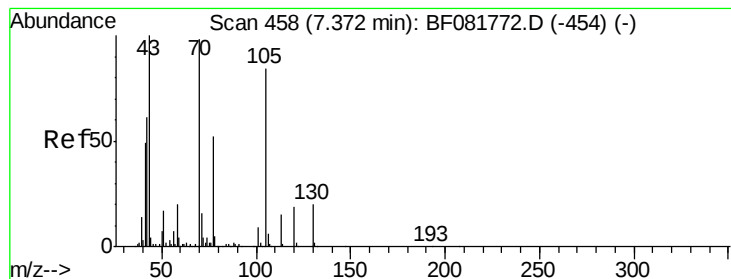
MMDadoda
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#18
Hexachloroethane
Concen: 37.81 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132818		
119	98.6	83.8	125.6	
201	87.3	55.1	82.7#	





#19

n-Nitroso-di-n-propylamine

Concen: 41.57 ng

RT: 7.37 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

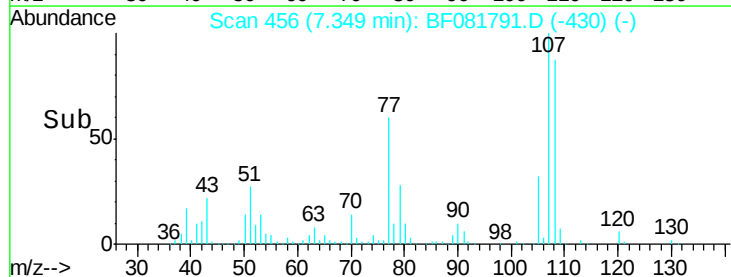
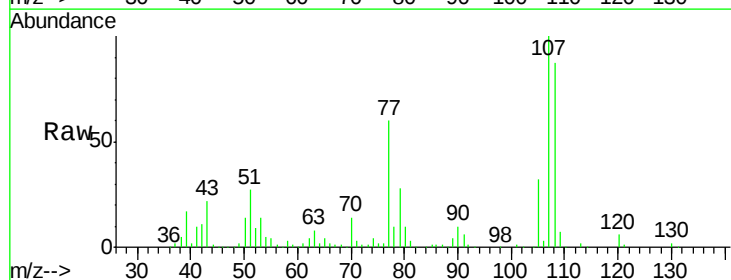
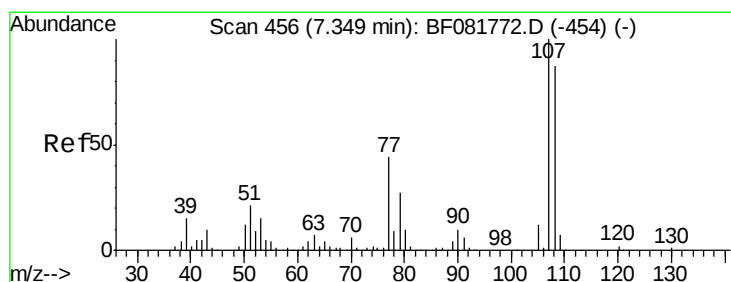
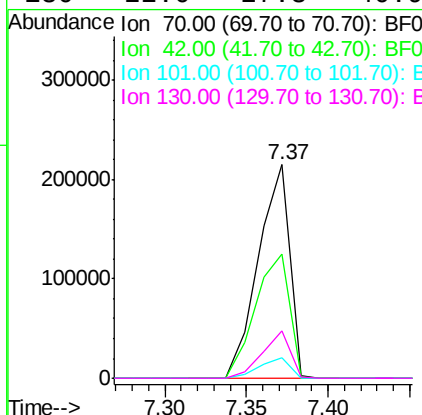
MGP209BR-29-30MSD

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.1	63.8	95.6#
101	9.8	9.2	13.8
130	22.0	27.3	40.9#



#20

3+4-Methylphenols

Concen: 38.86 ng

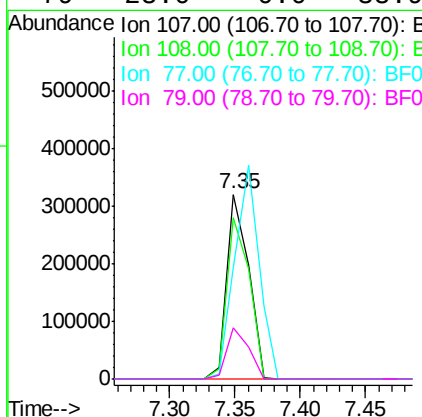
RT: 7.35 min Scan# 456

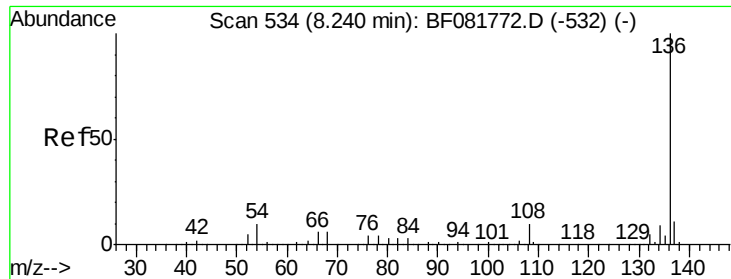
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

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





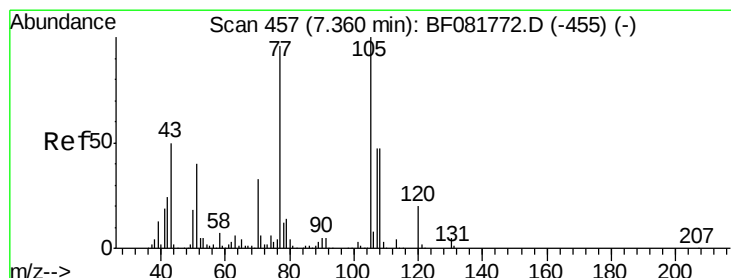
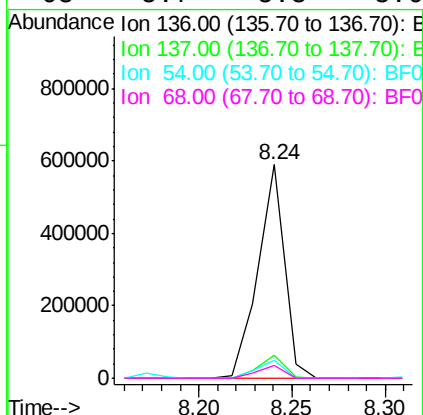
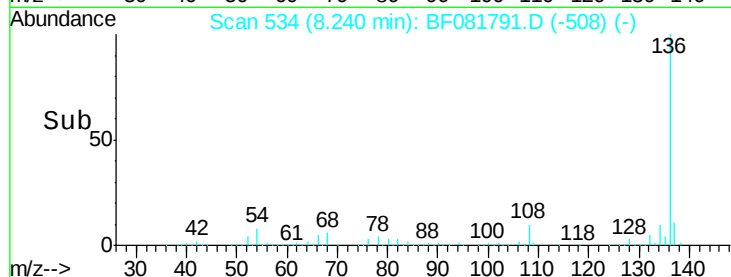
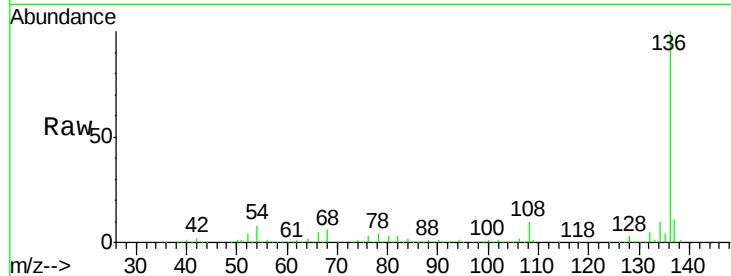
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

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

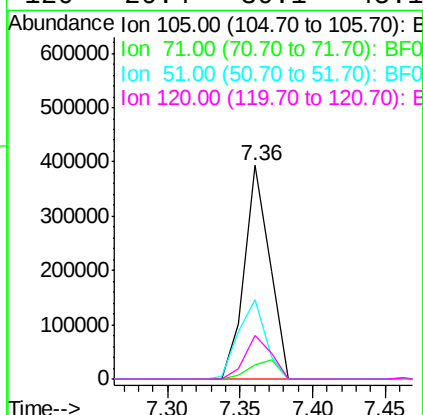
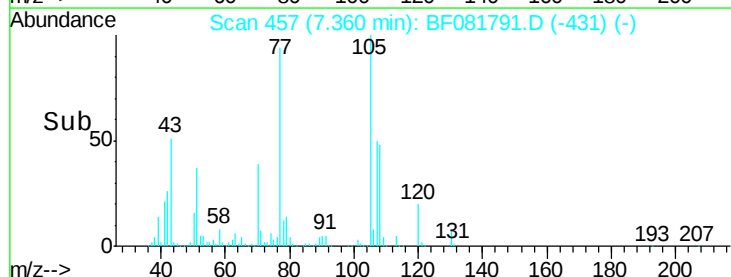
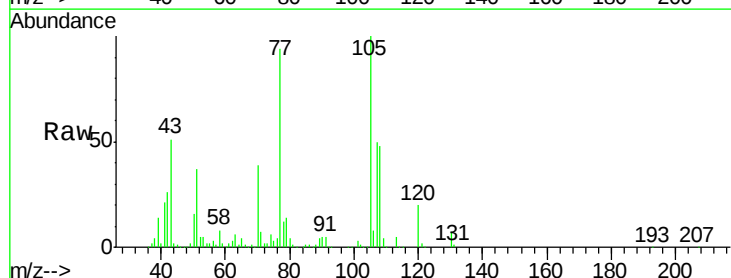
Manual Integrations
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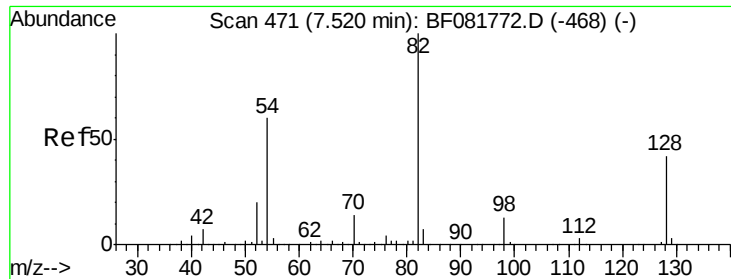
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#22
Acetophenone
Concen: 37.73 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.5	4.7	7.1
51	37.2	22.0	33.0#
120	20.4	30.1	45.1#





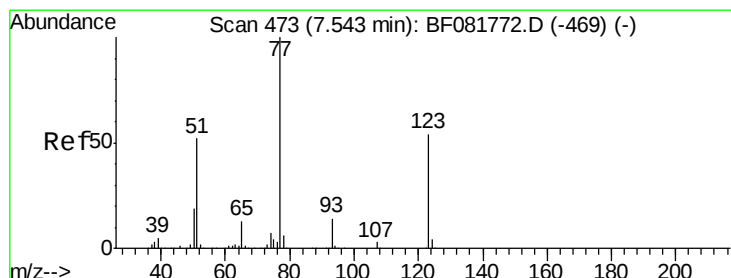
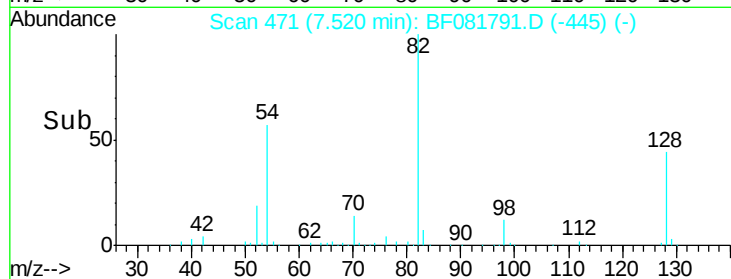
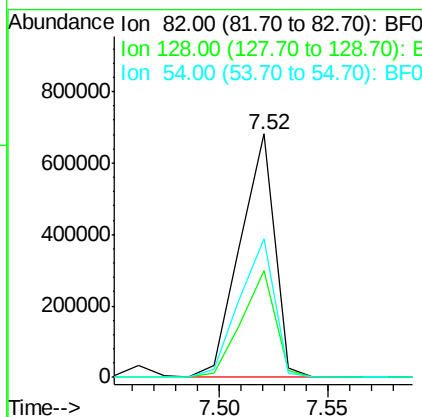
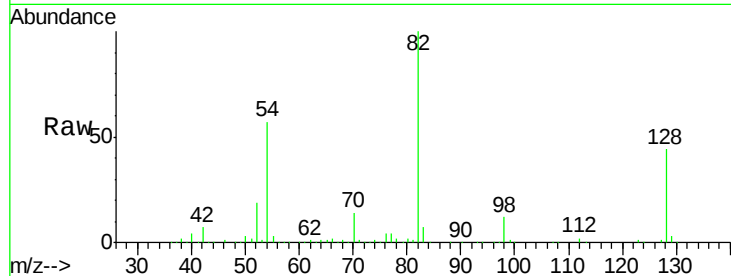
#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.52 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

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

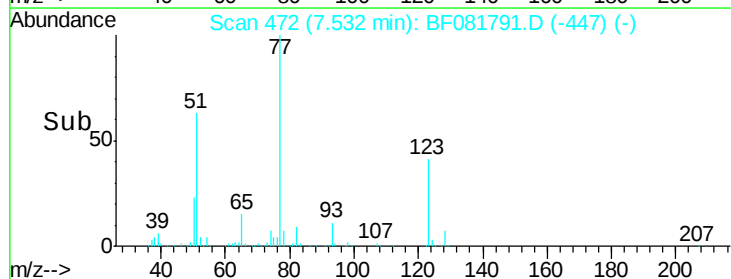
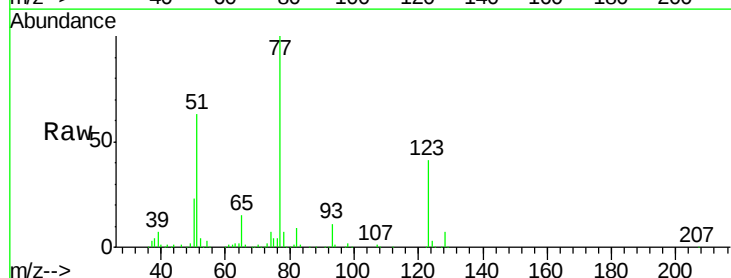
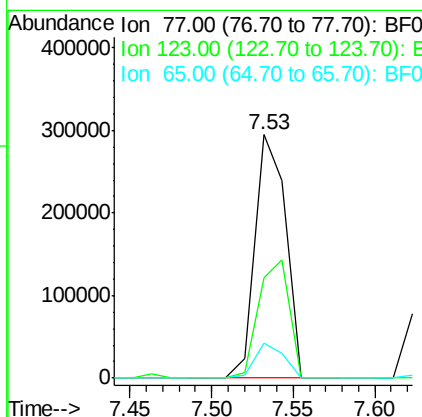
Manual Integrations
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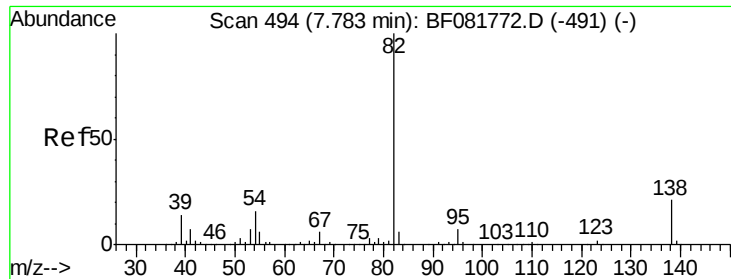
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#24
 Nitrobenzene
 Concen: 39.45 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

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





#25

Isophorone

Concen: 38.19 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion: 82 Resp: 738956
Ion Ratio Lower Upper

82 100

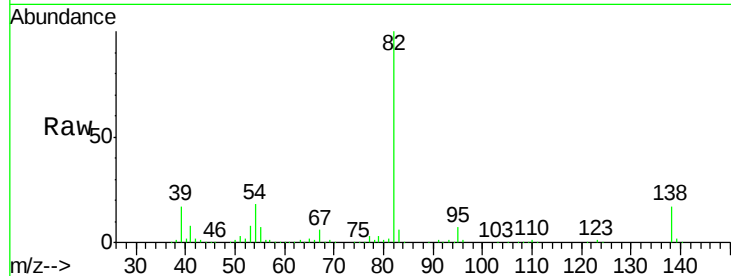
95 6.8 4.0 6.0#

138 16.8 18.3 27.5#

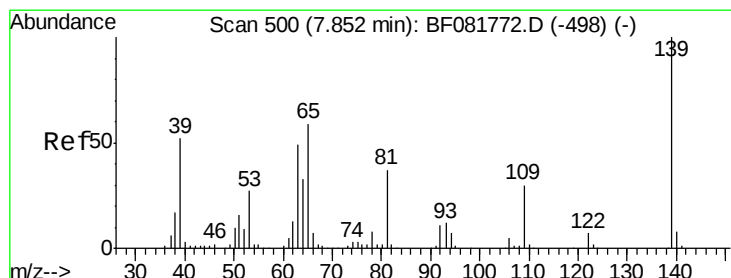
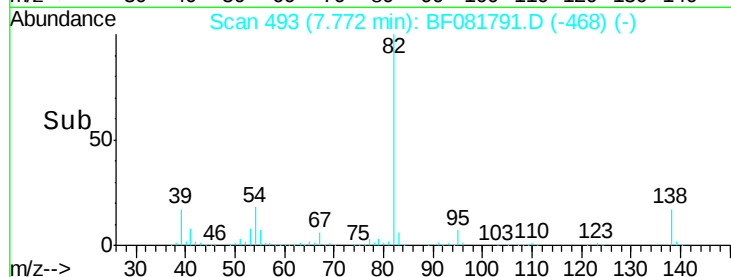
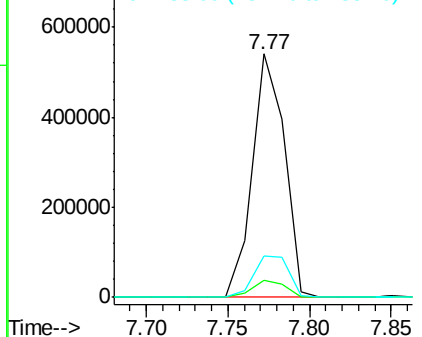
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.45 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF081791.D

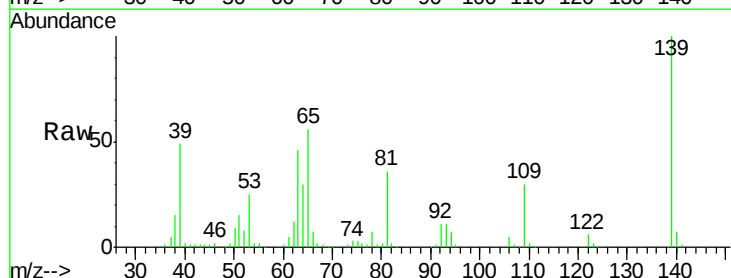
Acq: 25 Sep 2015 6:38

Tgt Ion: 139 Resp: 171516
Ion Ratio Lower Upper

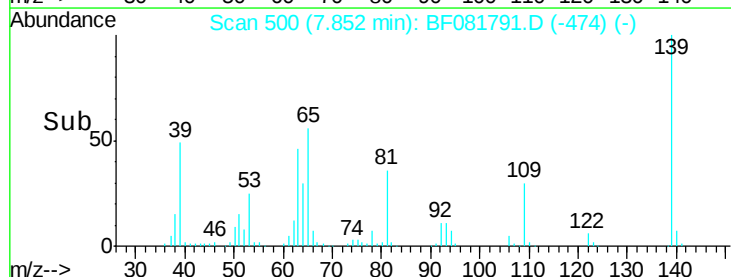
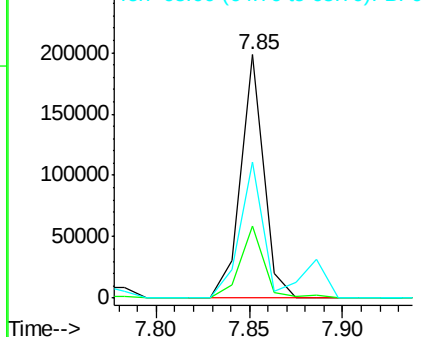
139 100

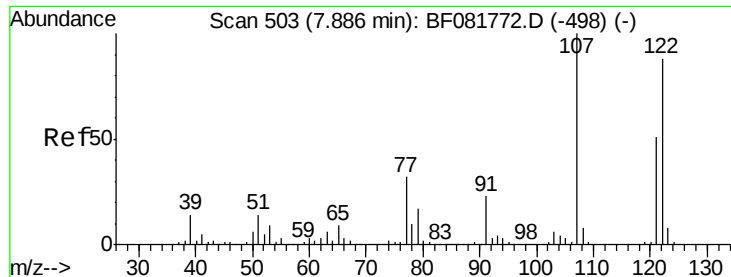
109 29.7 11.0 16.4#

65 56.0 24.7 37.1#



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





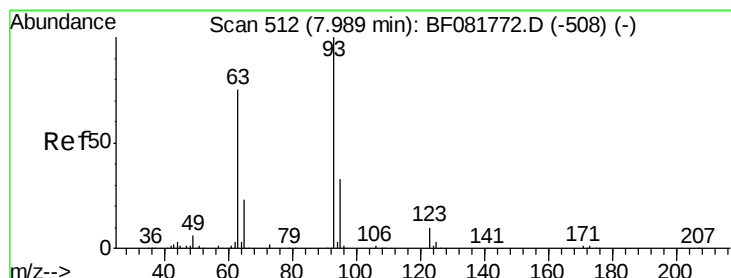
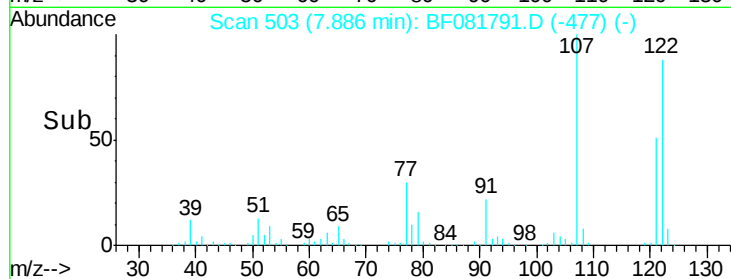
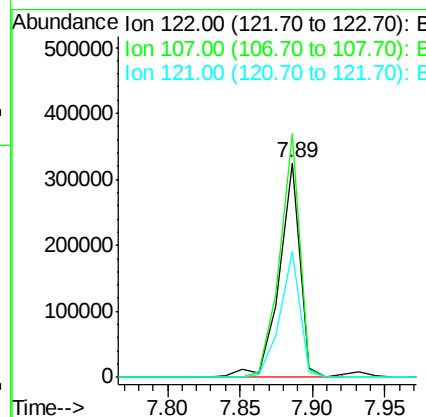
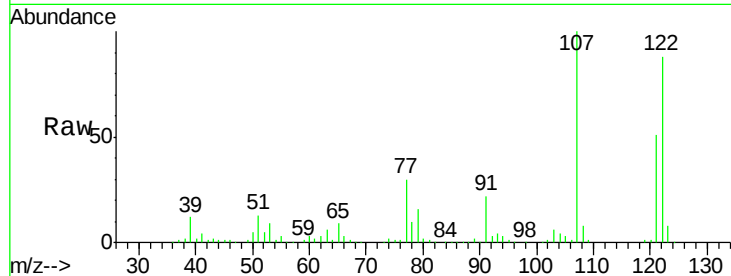
#27
 2,4-Dimethylphenol
 Concen: 37.10 ng
 RT: 7.89 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	325588		
107	113.4	71.8	107.6#	
121	58.4	42.3	63.5	

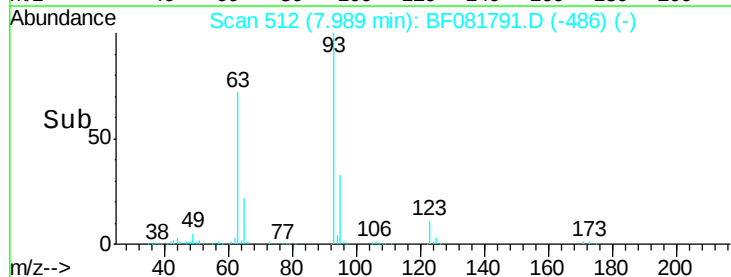
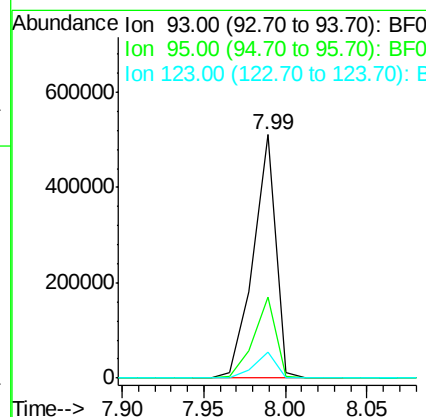
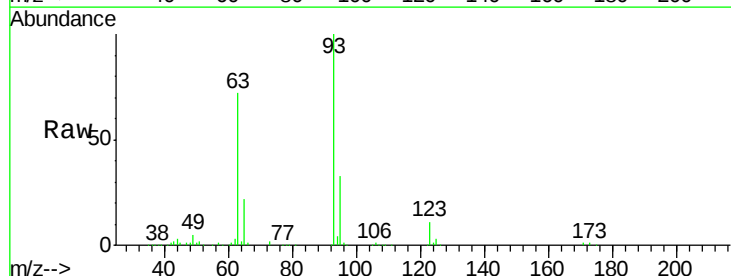
Manual Integrations
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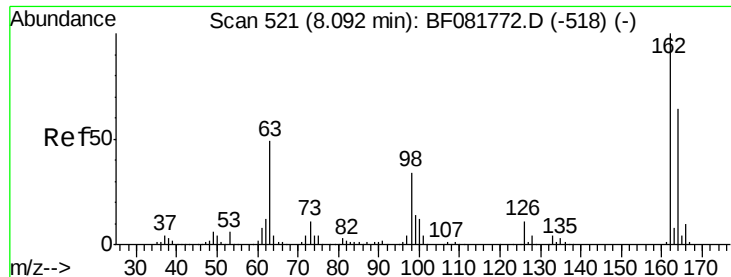
MMDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.36 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490226		
95	33.2	27.5	41.3	
123	10.6	13.7	20.5#	





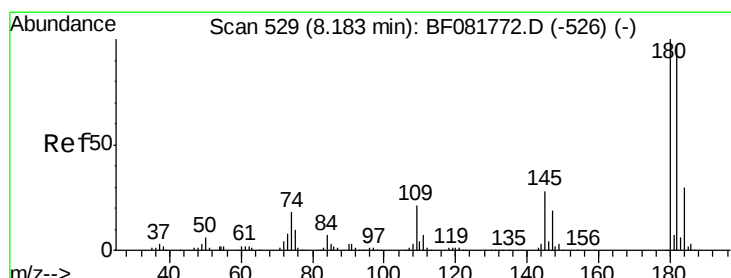
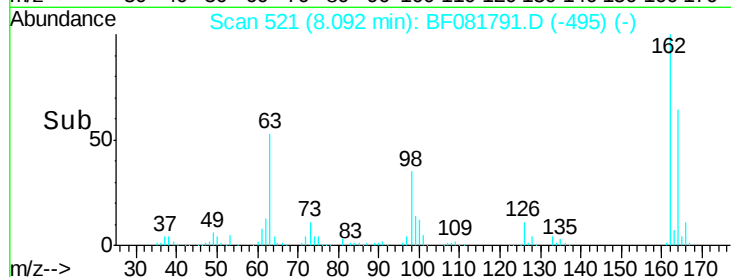
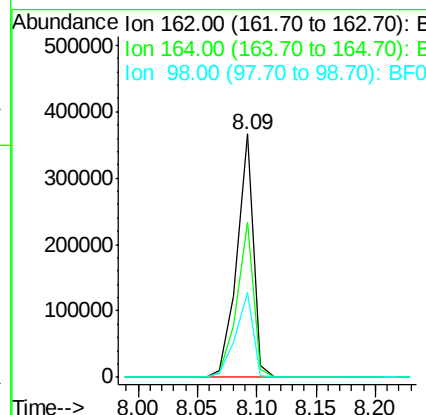
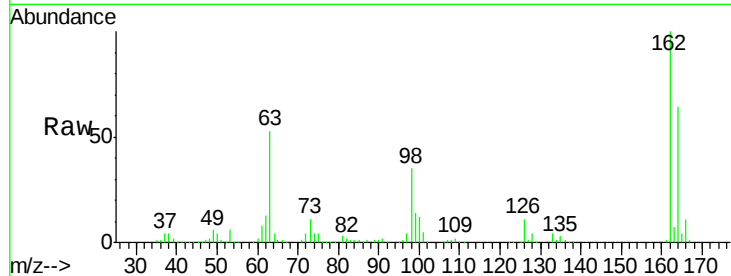
#29
 2,4-Dichlorophenol
 Concen: 43.66 ng
 RT: 8.09 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	44.9	84.9
98	34.9	13.0	53.0

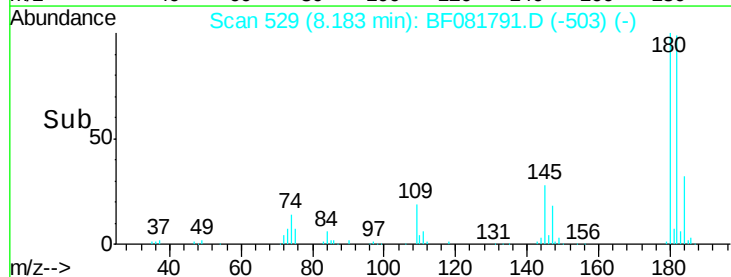
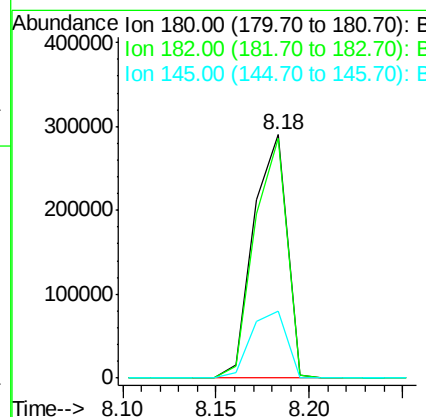
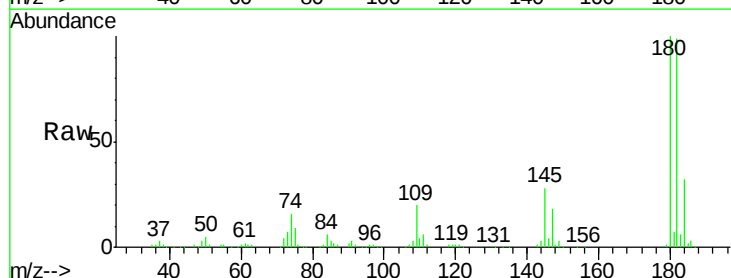
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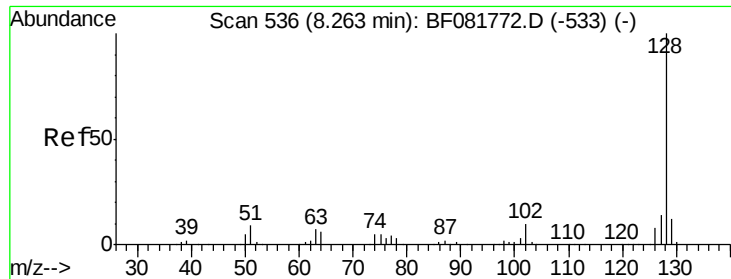
MMDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.06 ng
 RT: 8.18 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.6	77.1	115.7
145	27.7	23.3	34.9





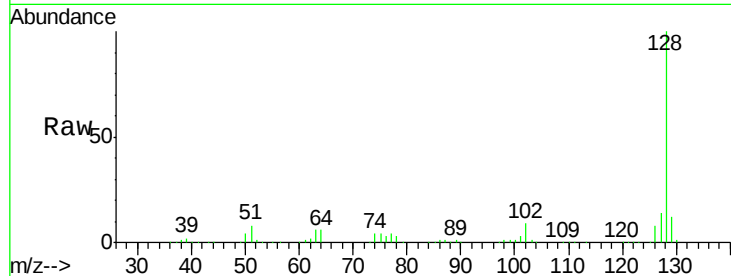
#31
Naphthalene
Concen: 40.77 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

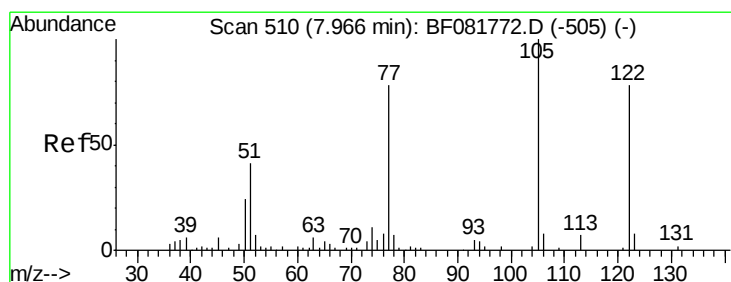
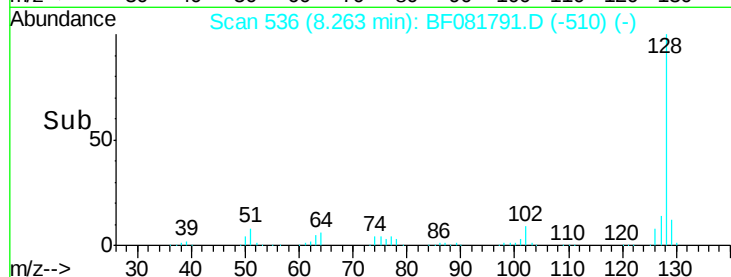
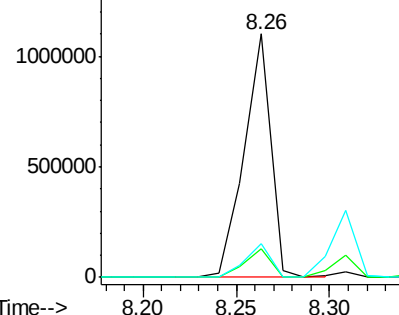
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	13.9	9.9	14.9

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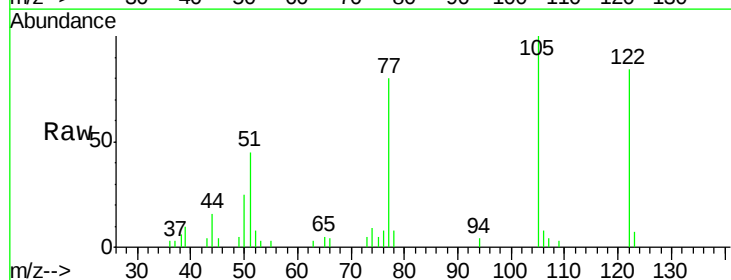


Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

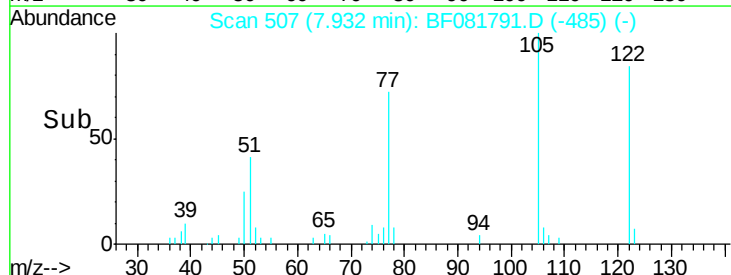
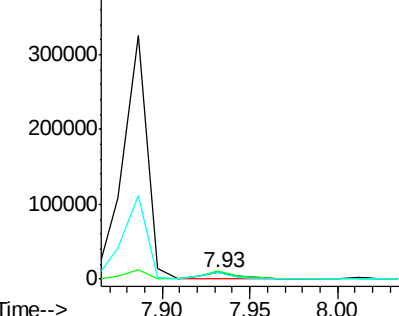


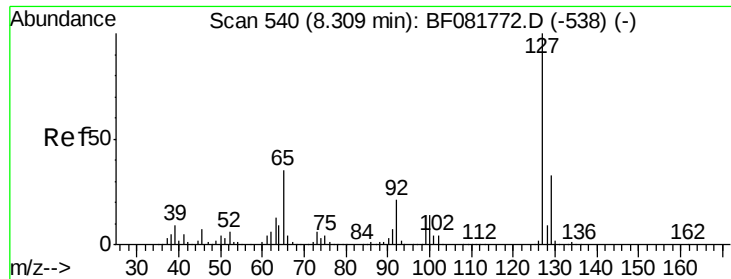
#32
Benzoic acid
Concen: 7.93 ng m
RT: 7.93 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	76.1	116.1#
77	95.2	40.5	80.5#



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





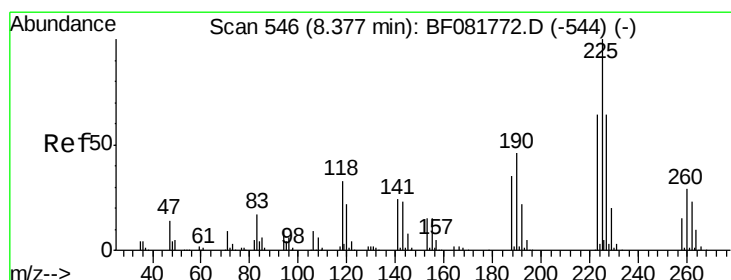
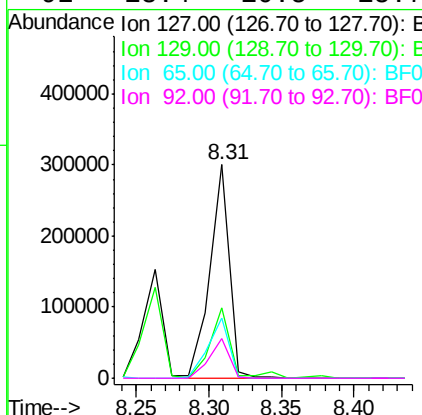
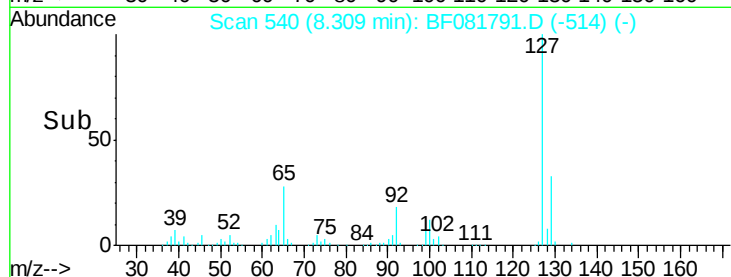
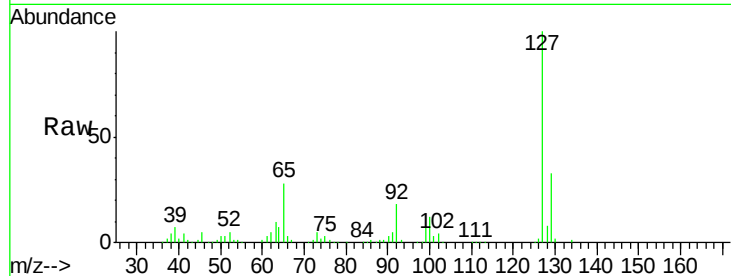
#33
4-Chloroaniline
Concen: 23.90 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	25.8	38.6
65	28.4	17.9	26.9
92	18.4	10.5	15.7

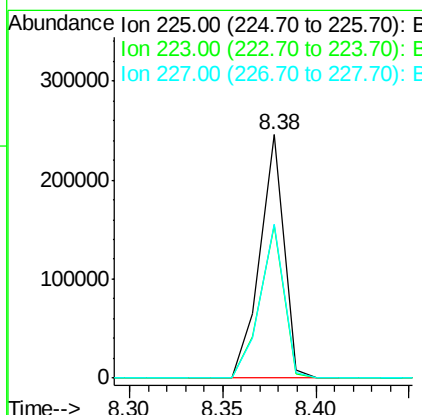
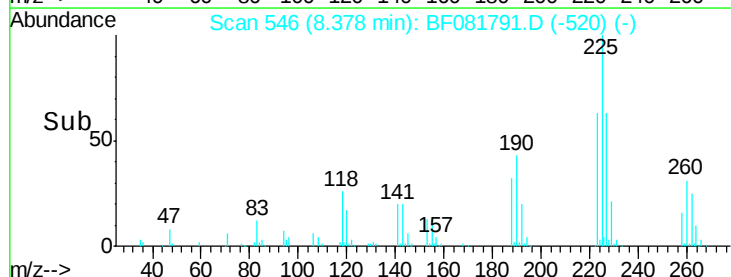
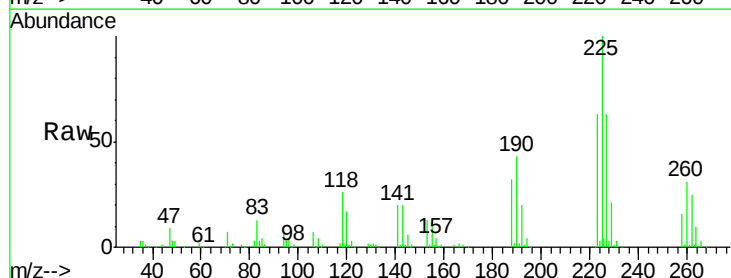
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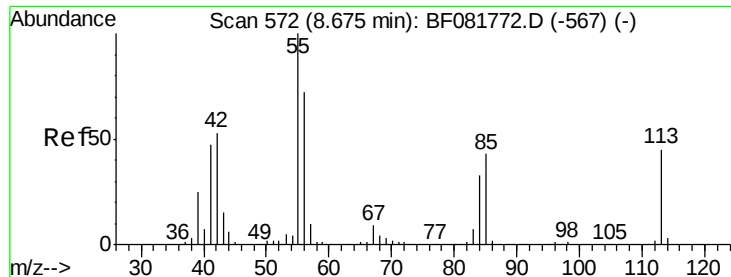
MMDadoda
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#34
Hexachlorobutadiene
Concen: 40.43 ng
RT: 8.38 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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





#35

Caprolactam

Concen: 45.05 ng m

RT: 8.67 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:113 Resp: 98331

Ion Ratio Lower Upper

113 100

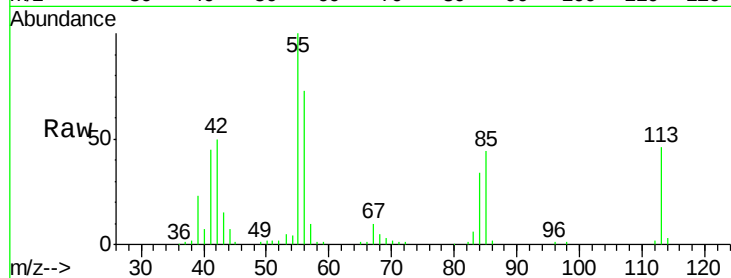
55 217.5 152.4 192.4#

56 159.5 104.6 144.6#

Manual Integrations
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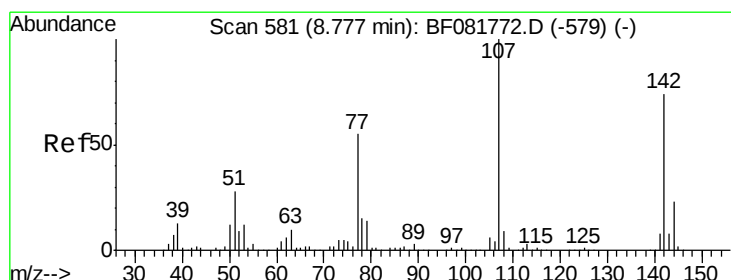
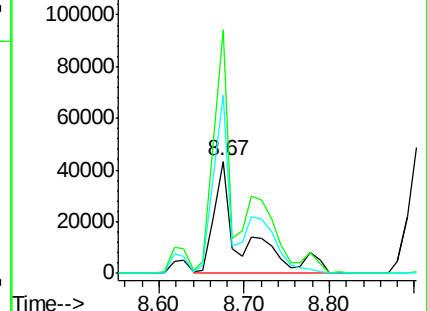
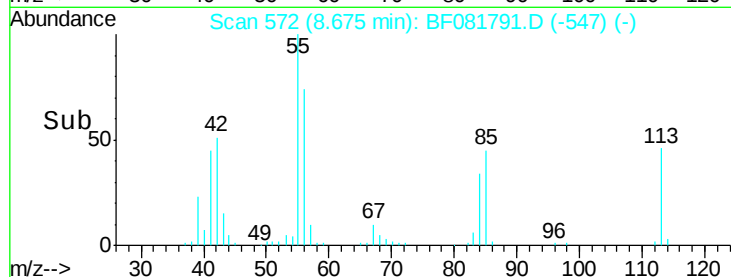
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.81 ng

RT: 8.78 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

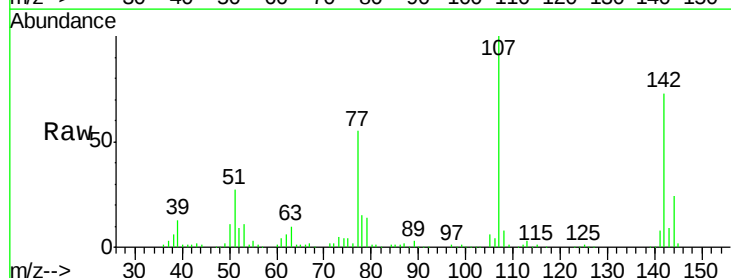
Tgt Ion:107 Resp: 334169

Ion Ratio Lower Upper

107 100

144 23.9 25.4 38.0#

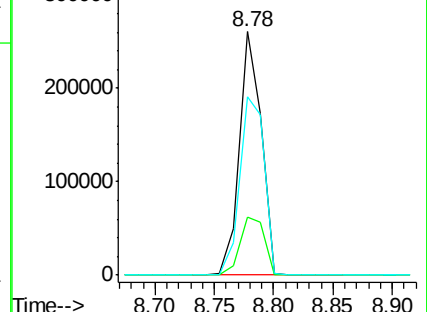
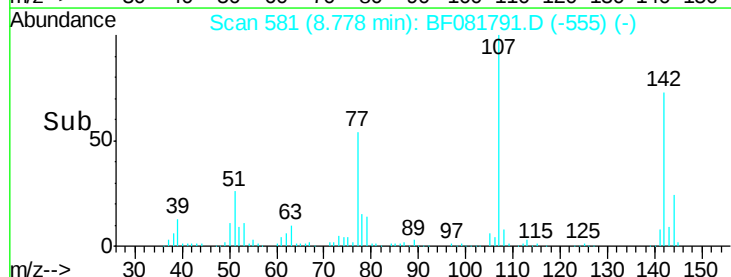
142 73.5 77.3 115.9#

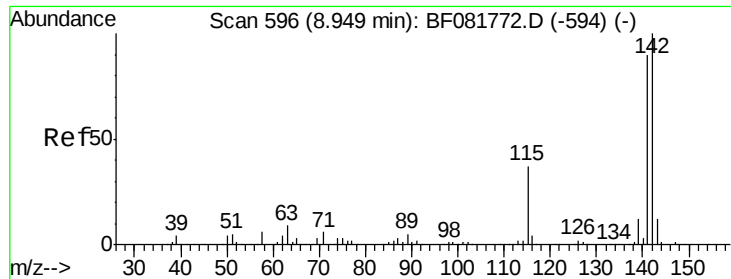


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





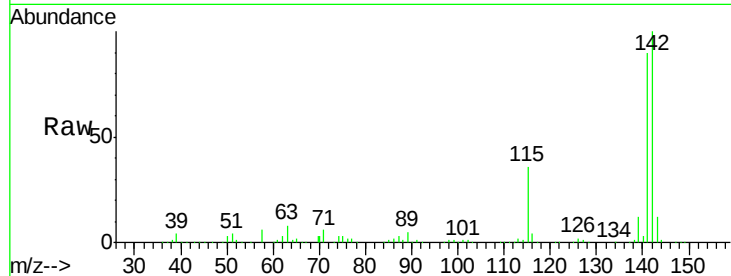
#37
 2-Methylnaphthalene
 Concen: 37.17 ng
 RT: 8.95 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

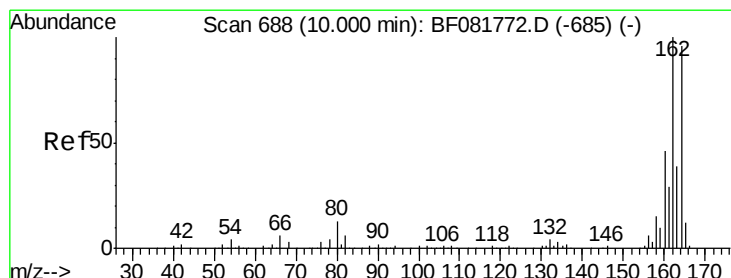
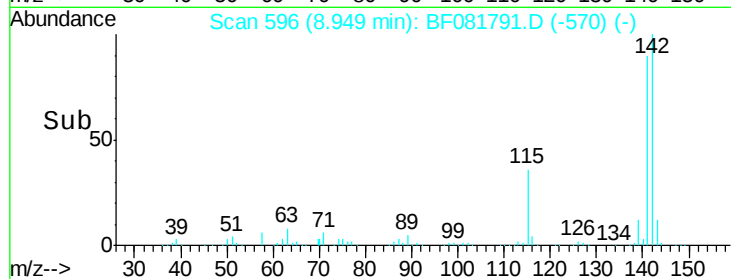
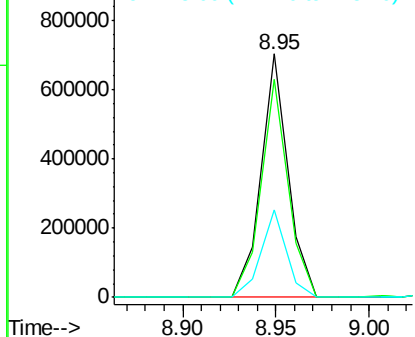
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	704344		
141	89.5	67.5	101.3	
115	35.8	18.2	27.2	

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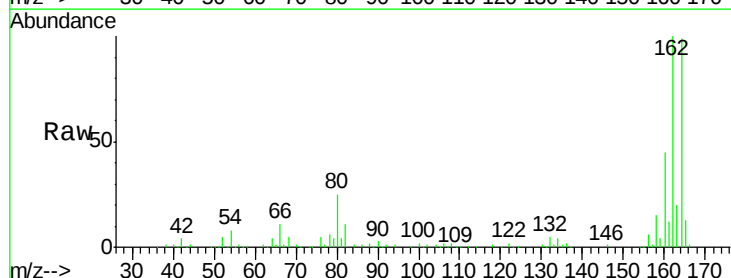


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

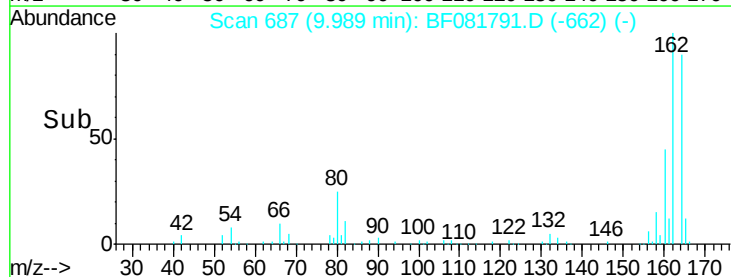
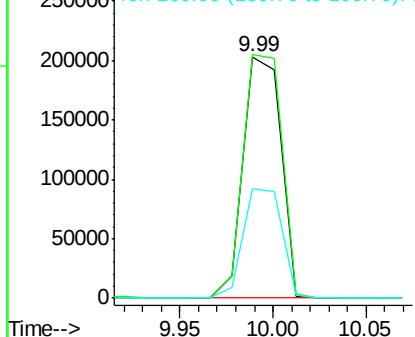


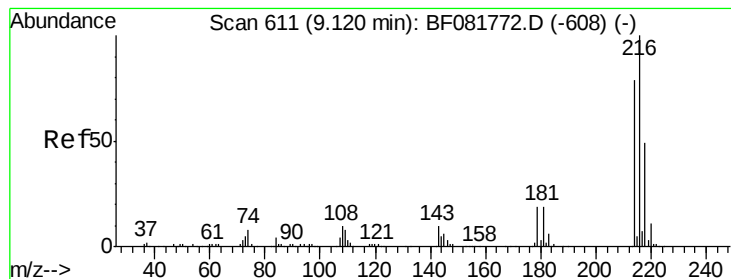
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

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



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.84 ng

RT: 9.12 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF081791.D

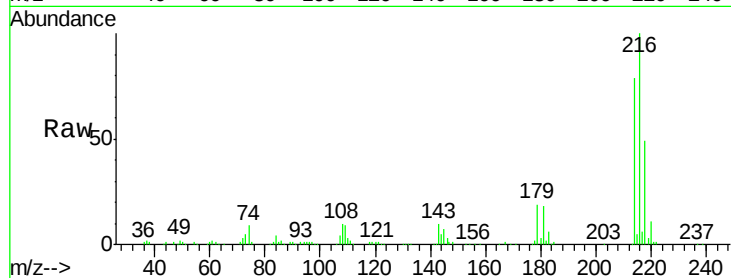
Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD



Tgt Ion: 216 Resp: 361617

Ion Ratio Lower Upper

216 100

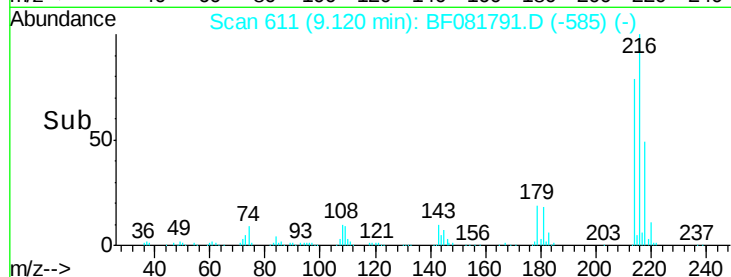
214 79.3 63.5 95.3

179 20.6 16.6 24.8

108 18.3 16.3 24.5

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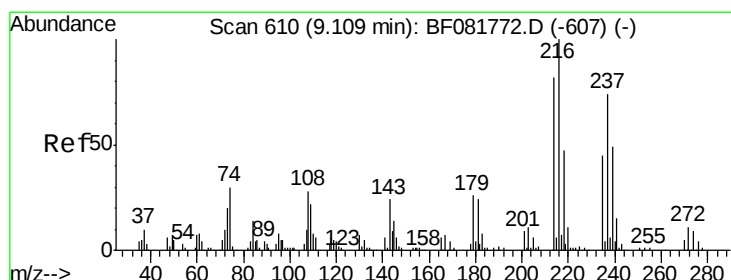
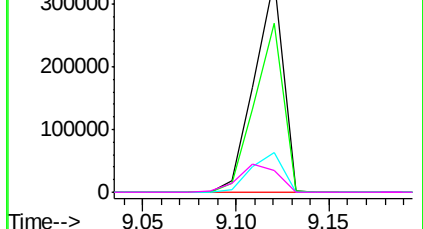


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.86 ng

RT: 9.11 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

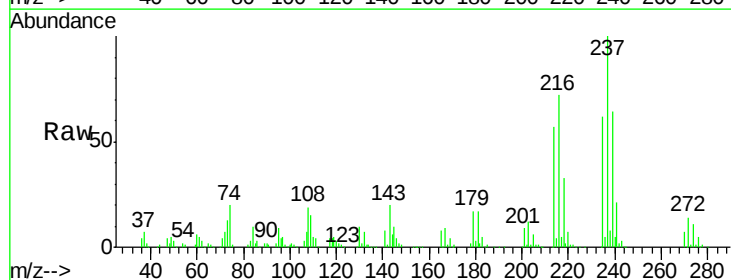
Tgt Ion: 237 Resp: 337905

Ion Ratio Lower Upper

237 100

235 61.9 42.0 82.0

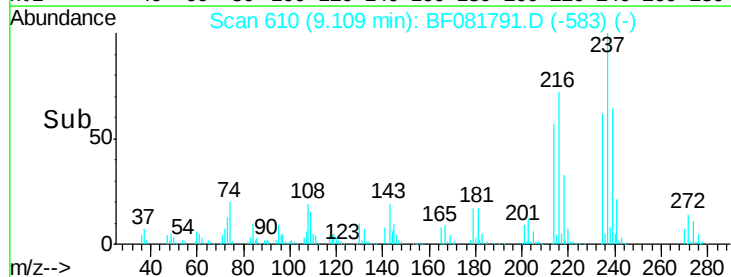
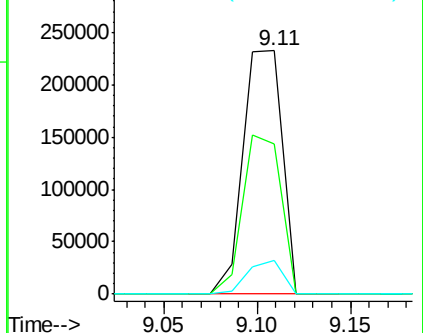
272 14.1 0.0 36.1

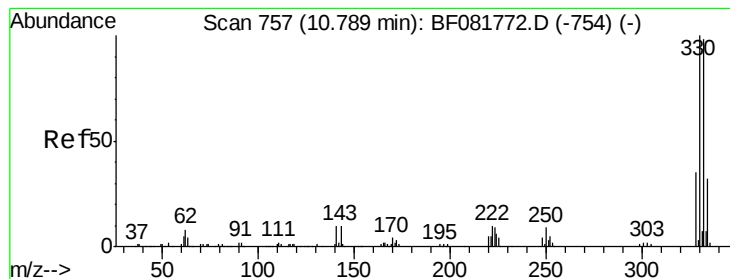


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





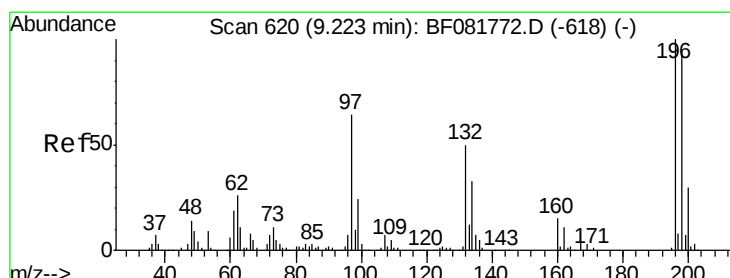
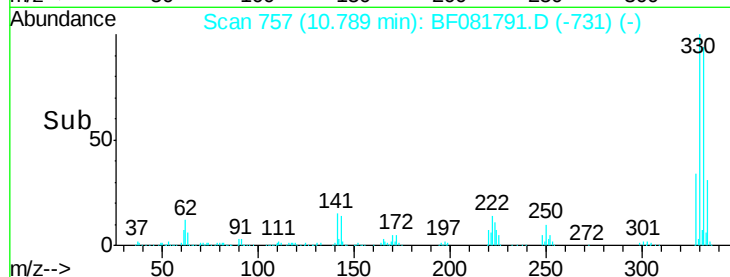
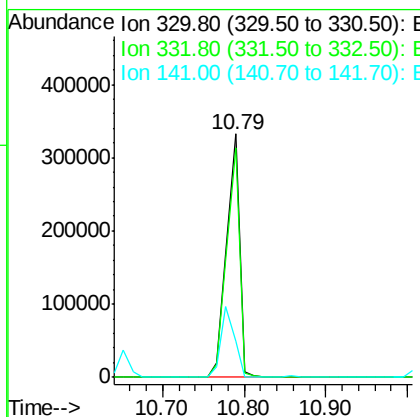
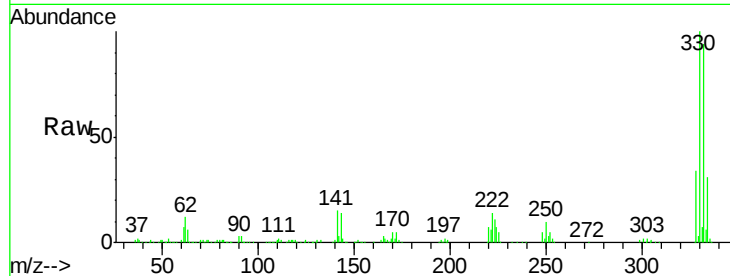
#41
 2,4,6-Tribromophenol
 Concen: 147.66 ng
 RT: 10.79 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	364590		
332	94.5	76.6	114.8	
141	30.9	29.7	44.5	

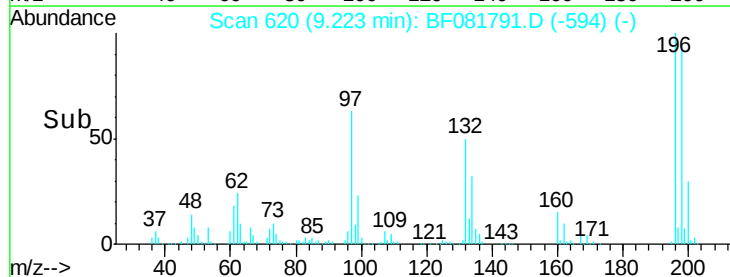
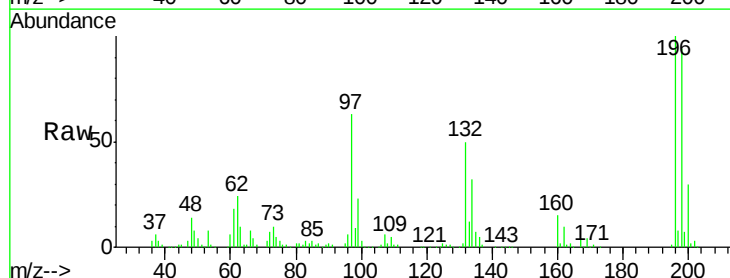
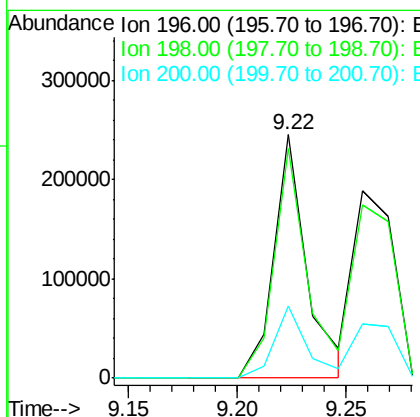
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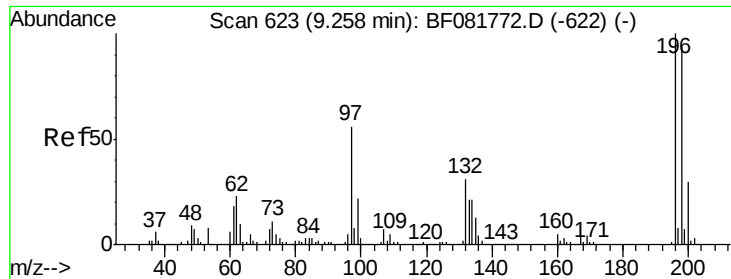
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#42
 2,4,6-Trichlorophenol
 Concen: 43.85 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

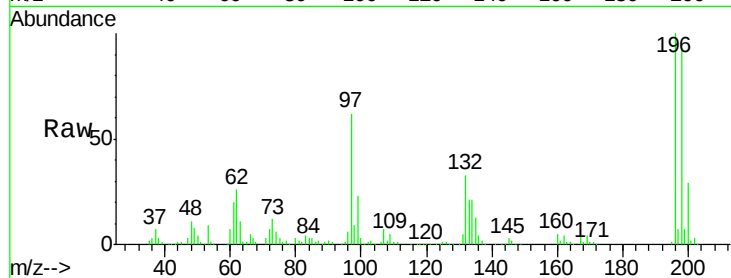
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262257		
198	94.5	75.7	113.5	
200	29.7	23.9	35.9	





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

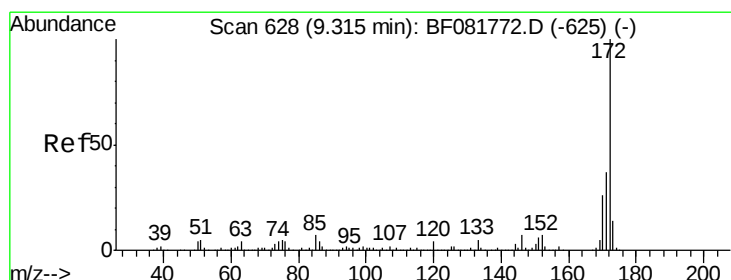
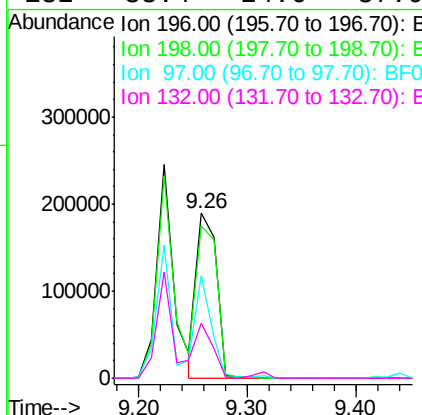
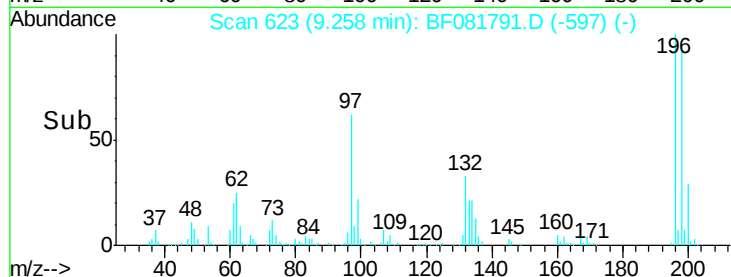
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD



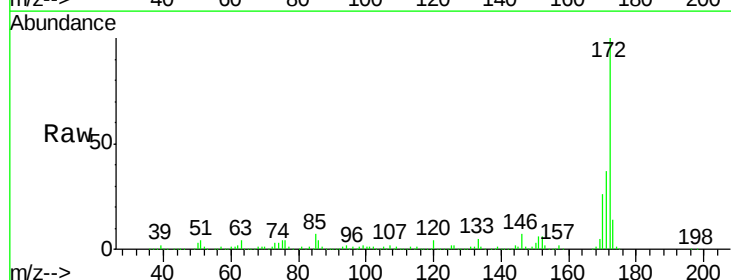
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246642		
198	92.6	75.4	113.0	
97	62.4	33.3	49.9	
132	33.4	24.6	37.0	

Manual Integrations
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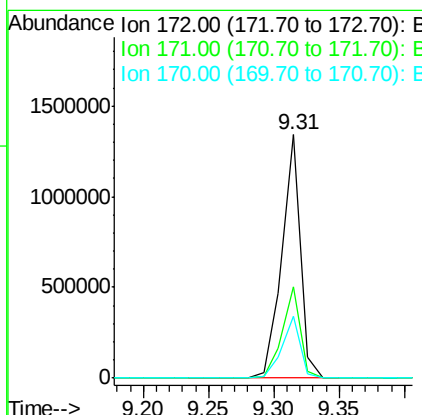
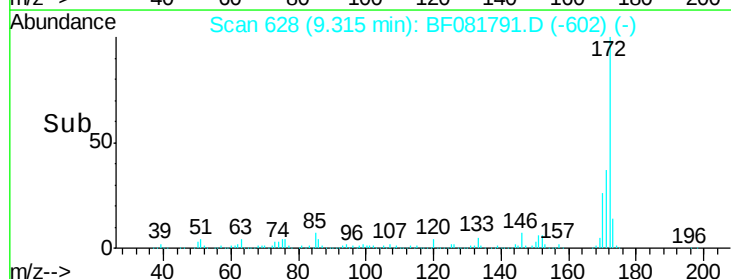
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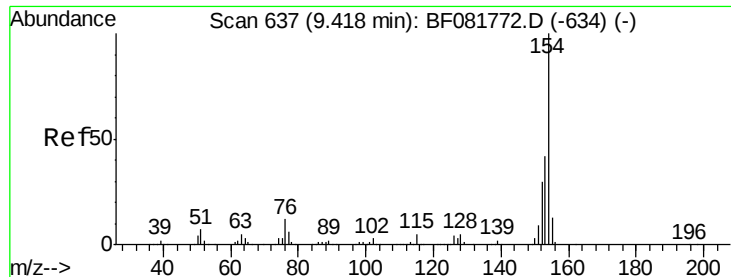


#44
 2-Fluorobiphenyl
 Concen: 77.46 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1341984		
171	37.5	26.1	39.1	
170	25.6	17.4	26.2	





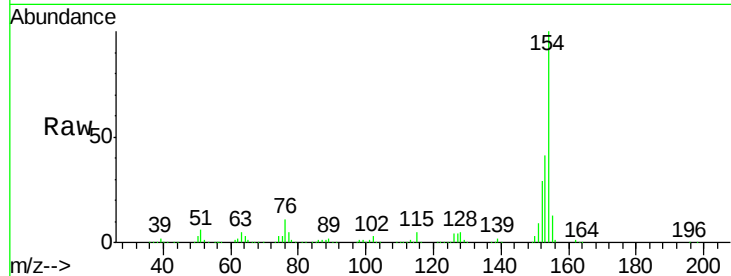
#45
 1,1'-Biphenyl
 Concen: 43.02 ng
 RT: 9.42 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

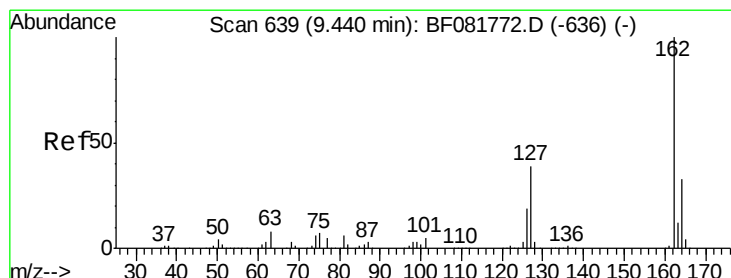
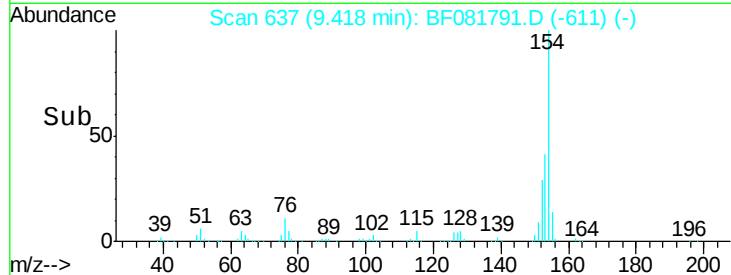
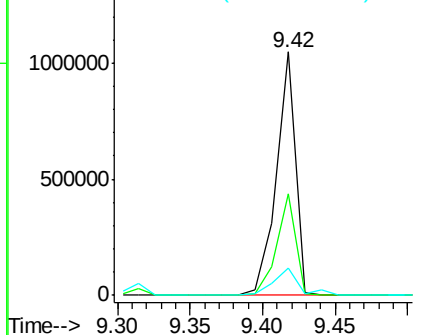
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.5	17.1	57.1	
76	11.1	0.0	31.6	

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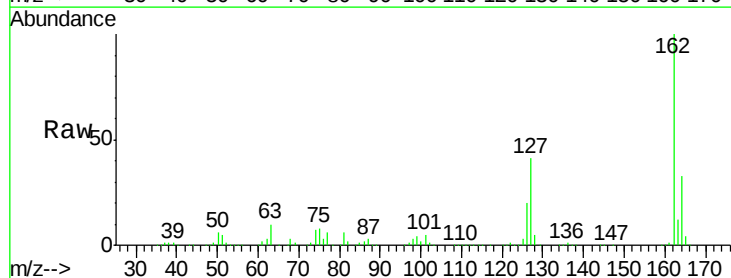


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

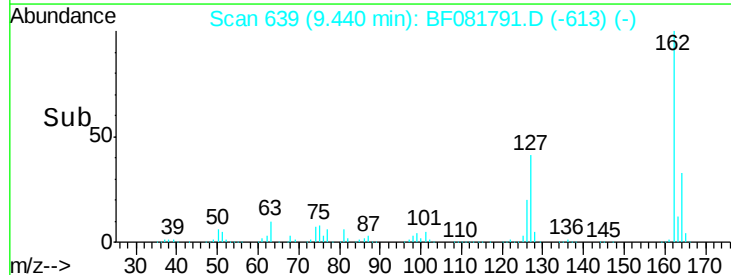
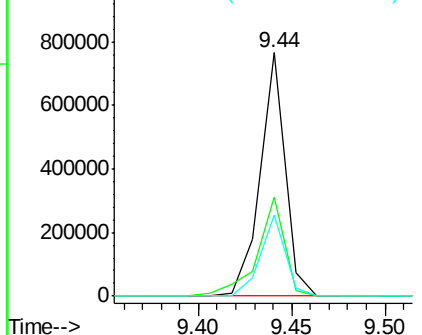


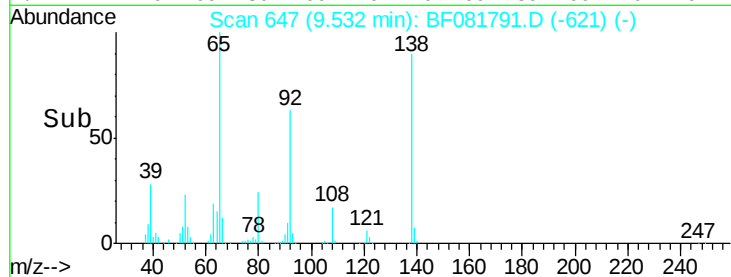
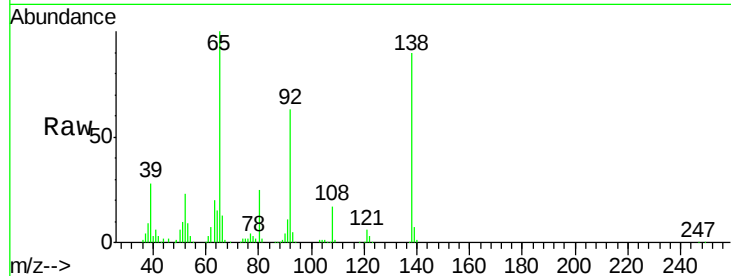
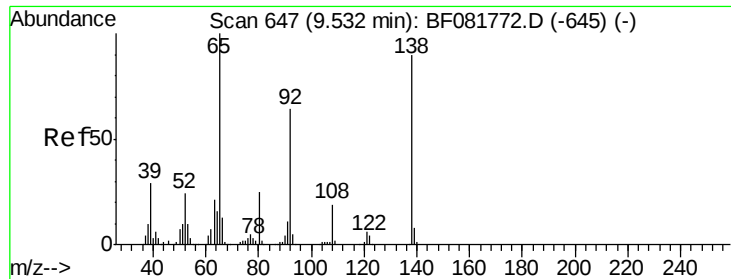
#46
 2-Chloronaphthalene
 Concen: 39.50 ng
 RT: 9.44 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.7	27.6	41.4	
164	33.2	25.4	38.2	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





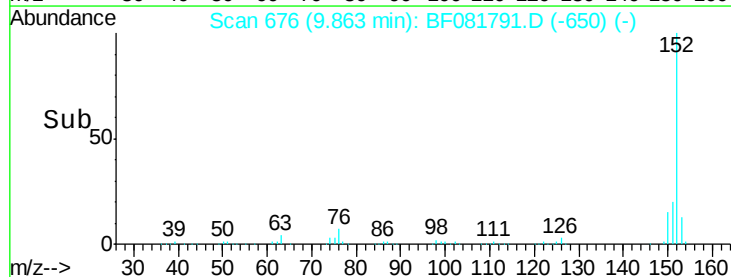
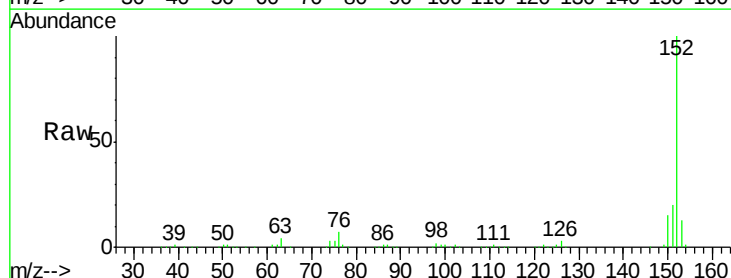
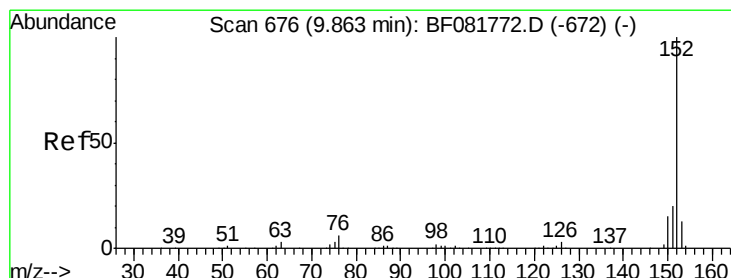
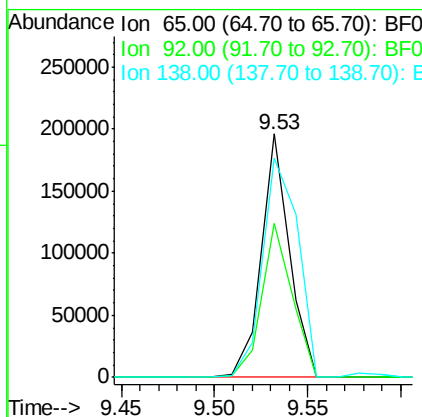
#47
2-Nitroaniline
Concen: 42.81 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

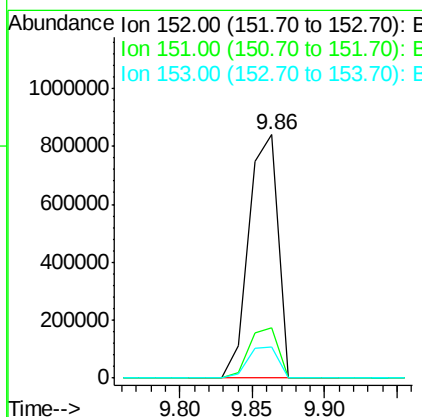
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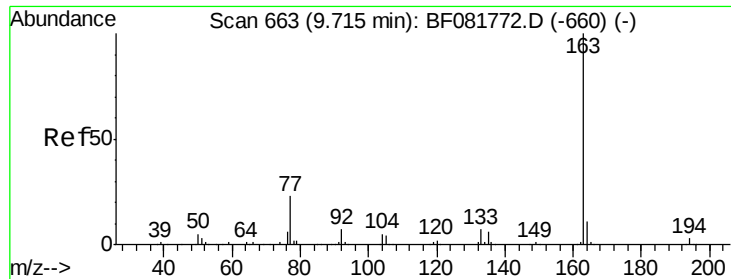
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#48
Acenaphthylene
Concen: 38.68 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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





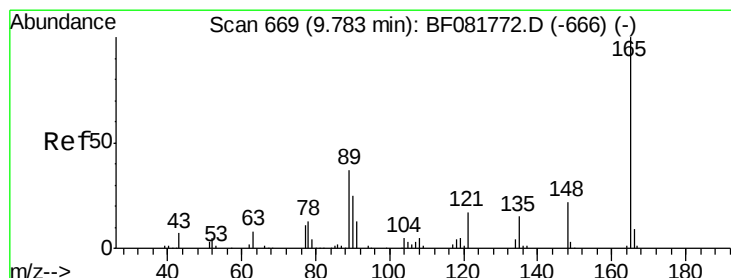
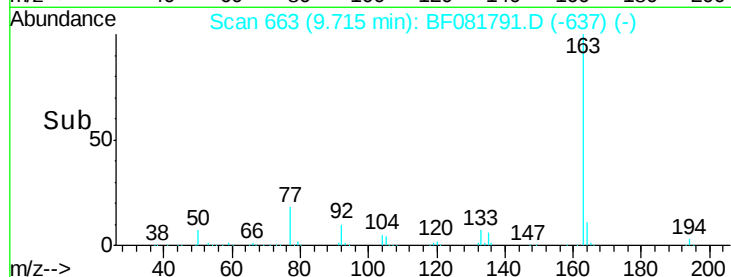
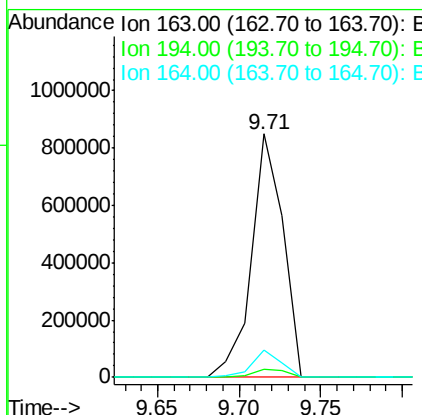
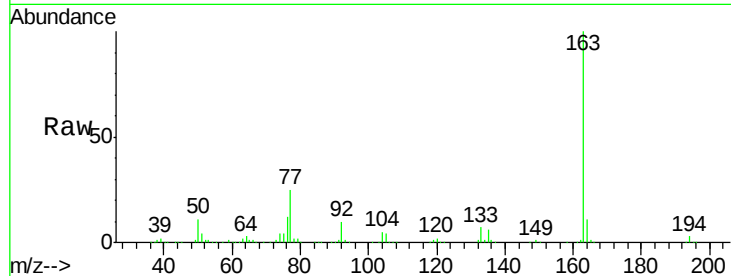
#49
Dimethylphthalate
Concen: 52.52 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion:163 Resp: 1136560
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 11.0 8.3 12.5

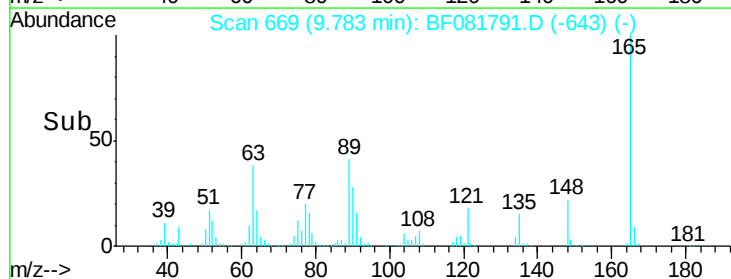
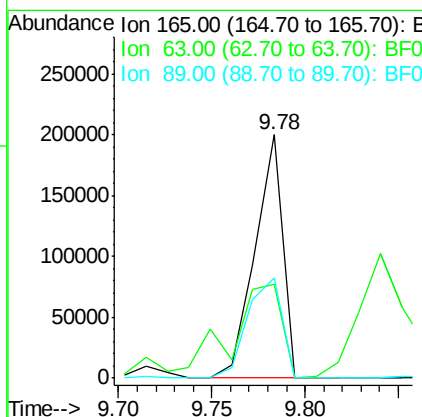
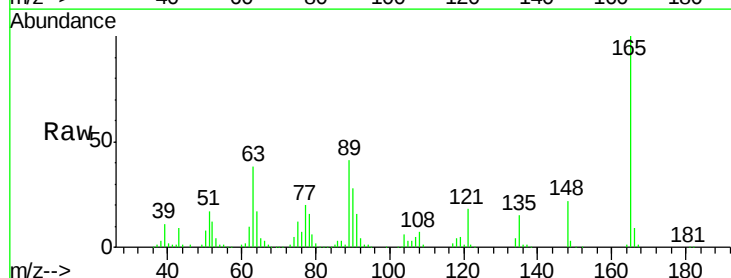
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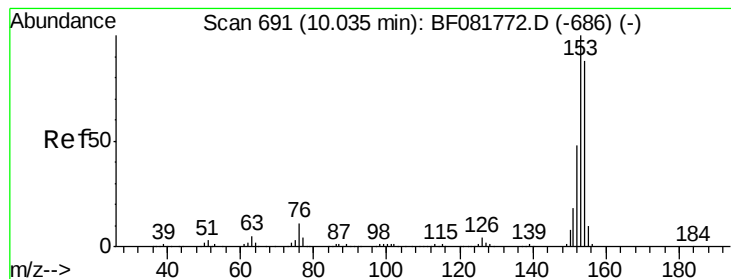
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#50
2,6-Dinitrotoluene
Concen: 50.16 ng
RT: 9.78 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion:165 Resp: 209549
Ion Ratio Lower Upper
165 100
63 38.3 32.3 48.5
89 41.3 28.6 43.0





#51

Acenaphthene

Concen: 40.46 ng

RT: 10.03 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

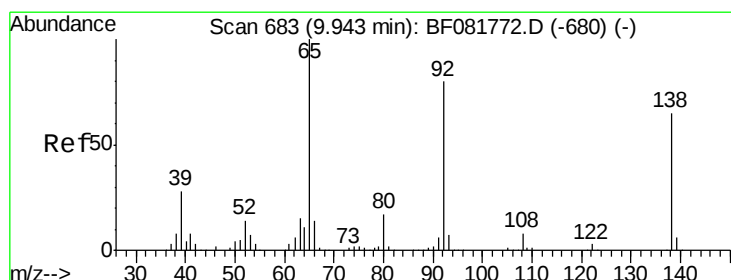
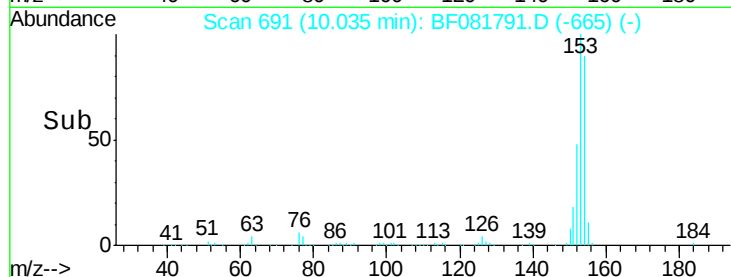
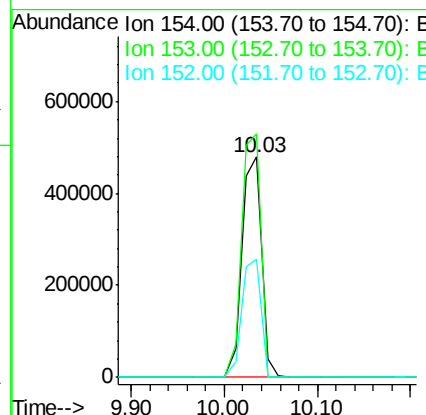
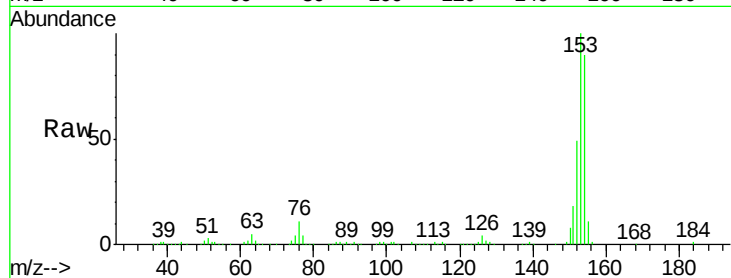
ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705894		
153	110.6	82.1	123.1	
152	53.8	37.9	56.9	

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#52

3-Nitroaniline

Concen: 31.04 ng

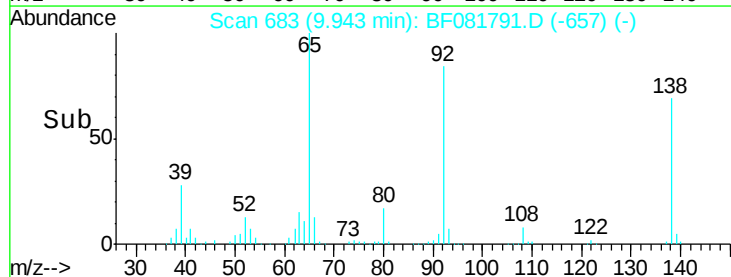
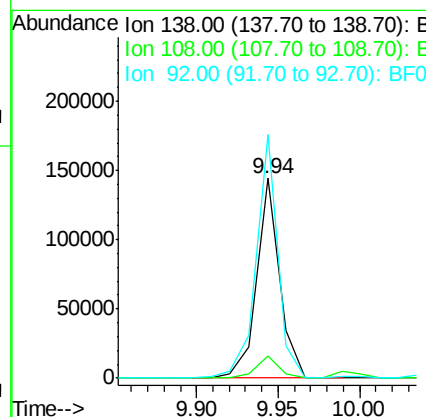
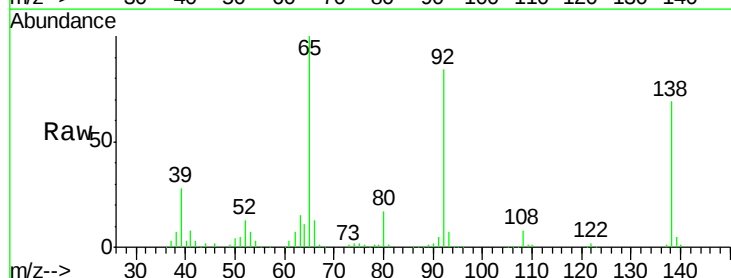
RT: 9.94 min Scan# 683

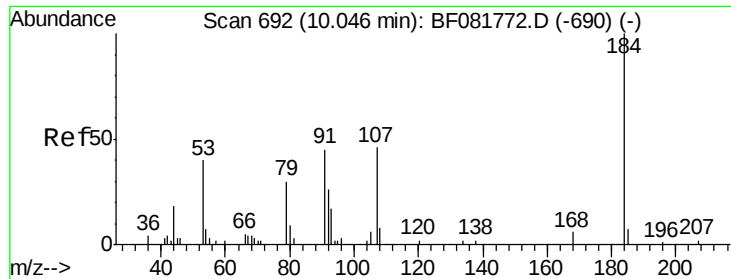
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140629		
108	11.1	5.7	8.5#	
92	121.8	67.7	101.5#	





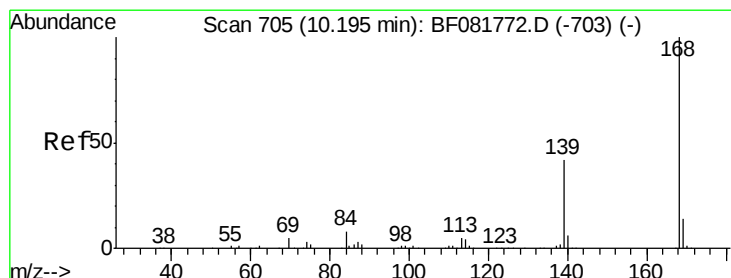
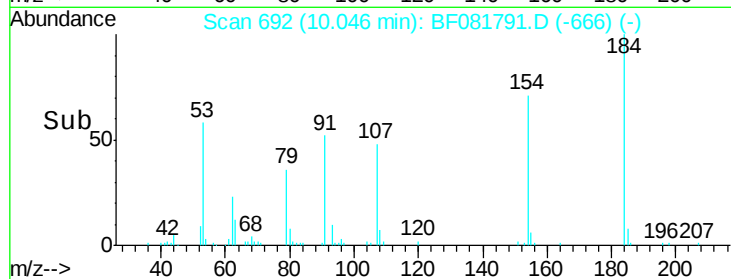
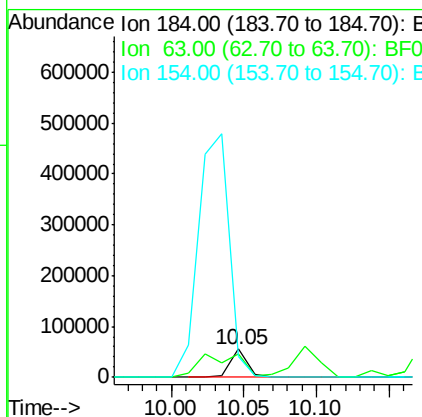
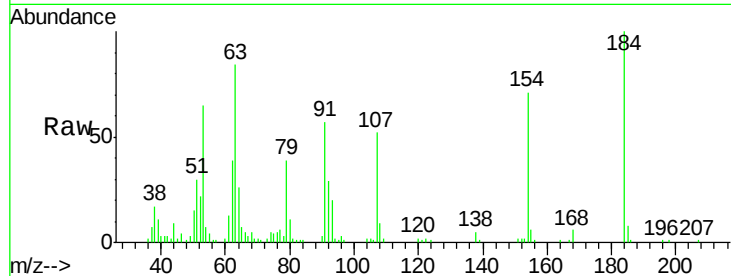
#53
 2,4-Dinitrophenol
 Concen: 68.37 ng
 RT: 10.05 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

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

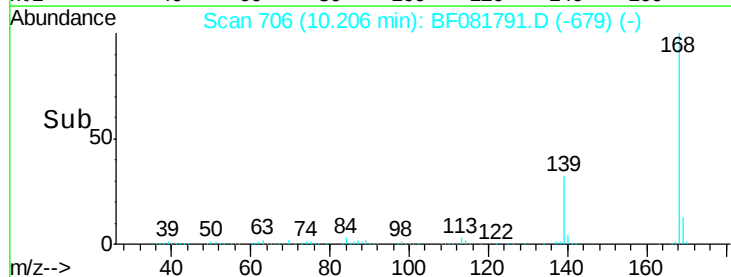
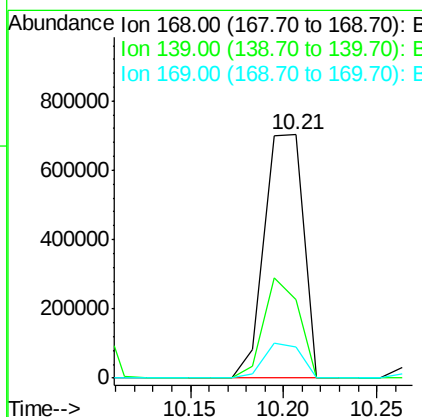
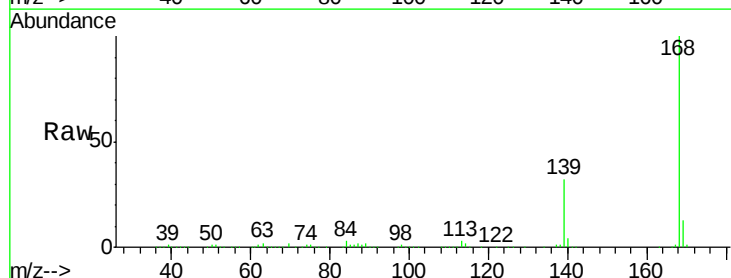
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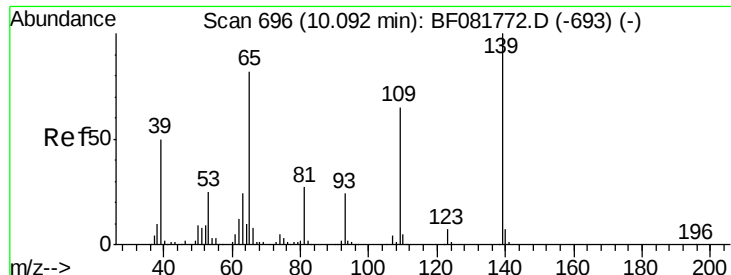
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#54
 Dibenzofuran
 Concen: 39.80 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

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





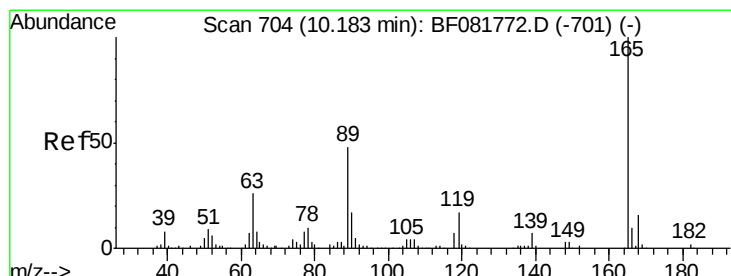
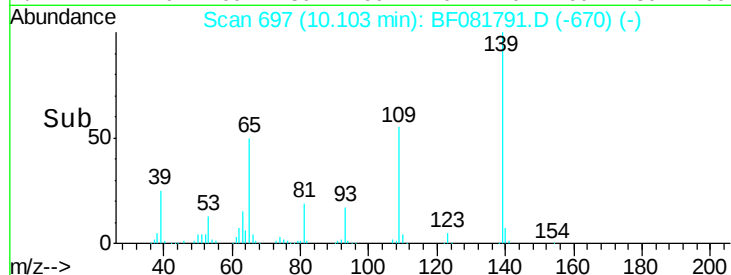
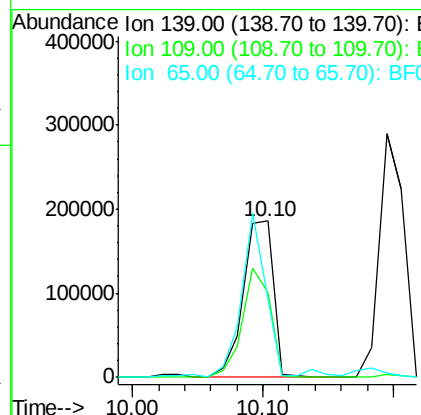
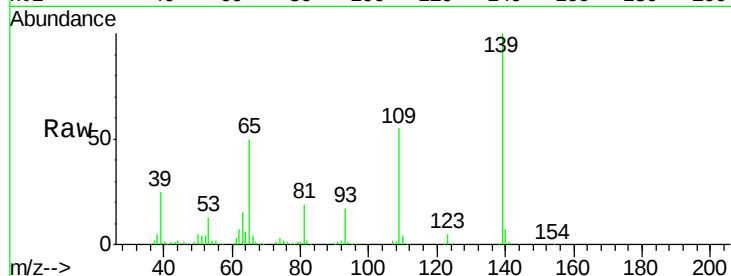
#55
4-Nitrophenol
Concen: 95.10 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	297133		
109	54.6	12.7	52.7#	
65	50.1	45.9	85.9	

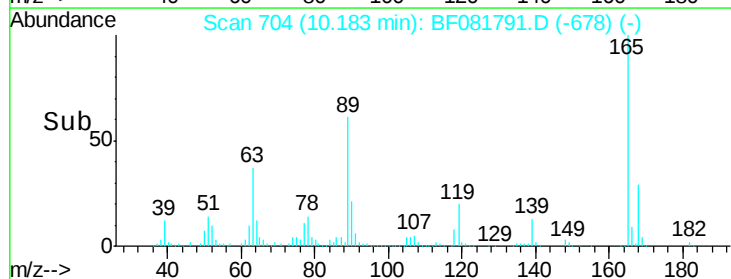
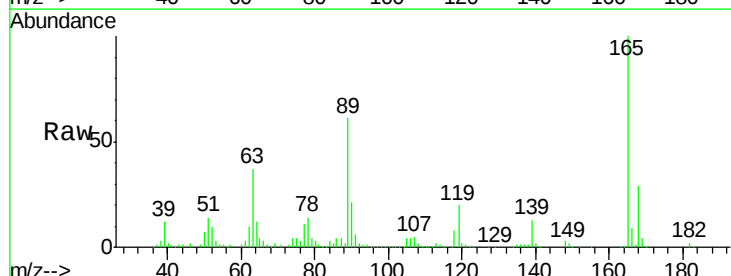
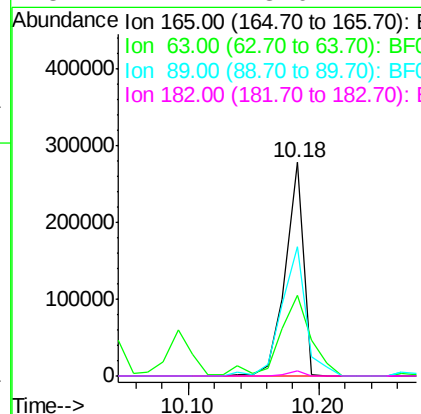
Manual Integrations
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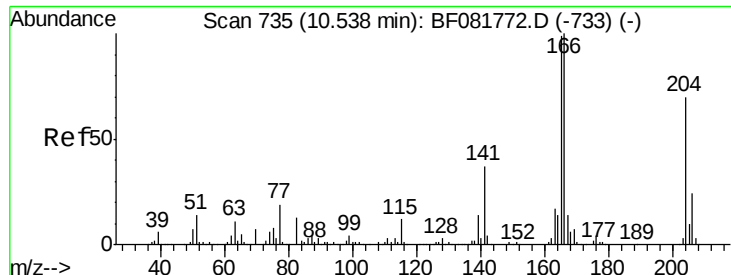
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 54.40 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	272068		
63	37.5	29.8	44.6	
89	60.8	44.5	66.7	
182	2.2	3.0	4.4#	





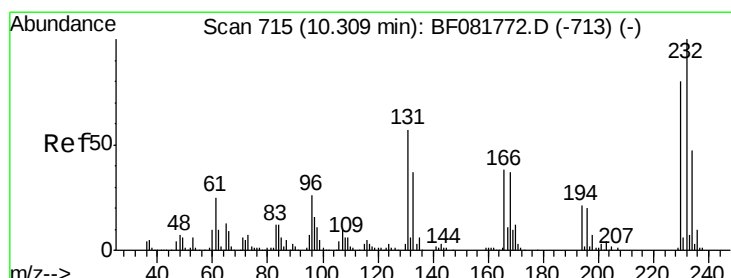
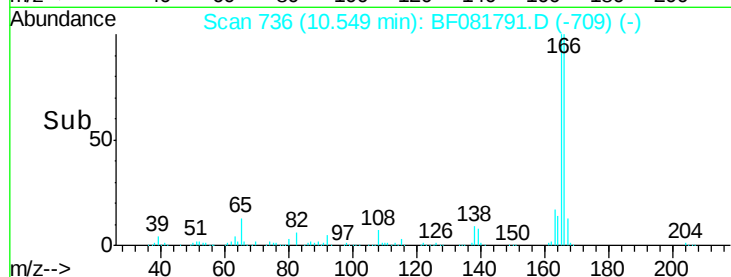
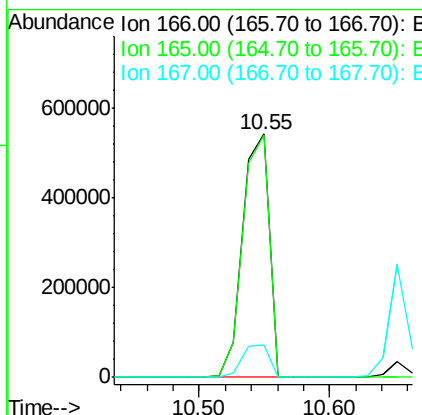
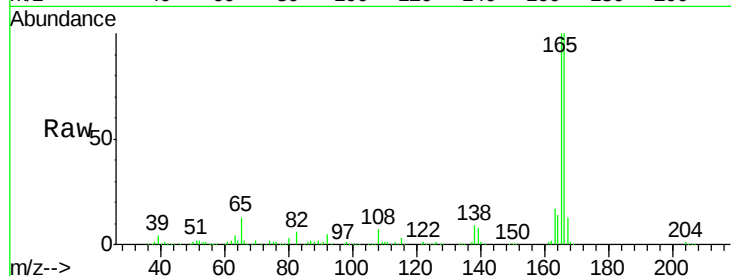
#57
Fluorene
 Concen: 38.93 ng
 RT: 10.55 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	764496		
165	99.7	72.6	109.0	
167	13.3	10.6	16.0	

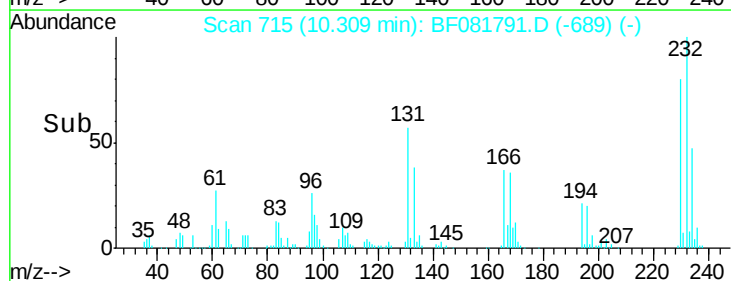
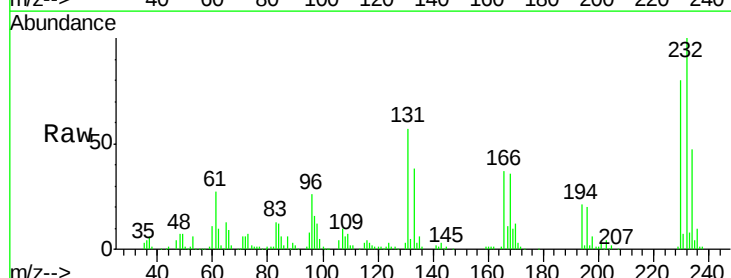
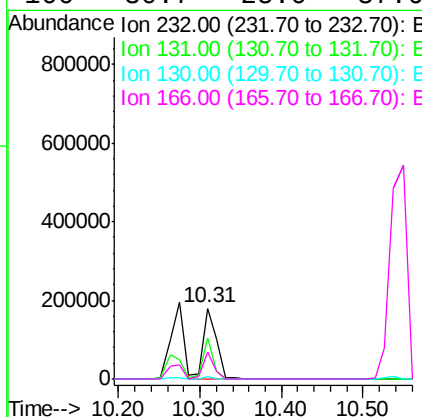
Manual Integrations
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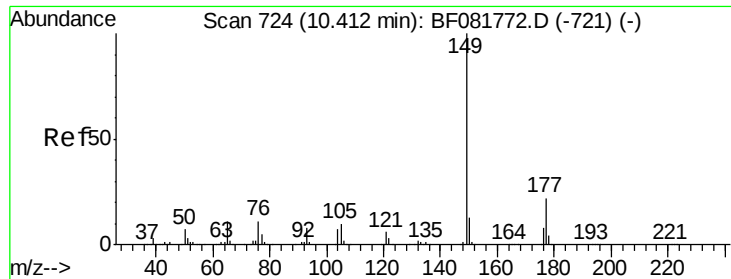
MMDadoda
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.03 ng
 RT: 10.31 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211260		
131	44.9	38.5	57.7	
130	2.2	1.8	2.6	
166	30.7	25.0	37.6	





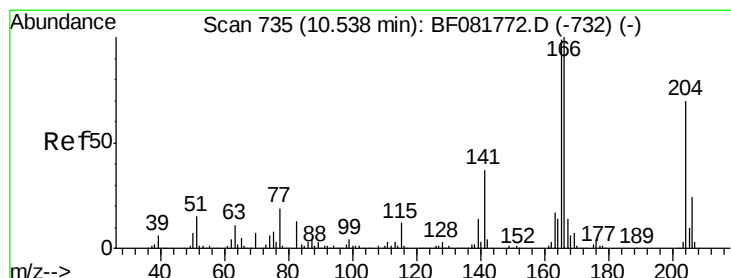
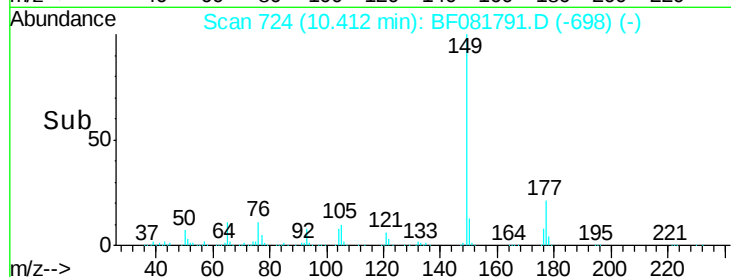
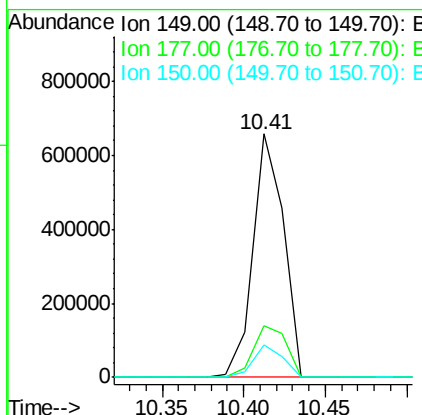
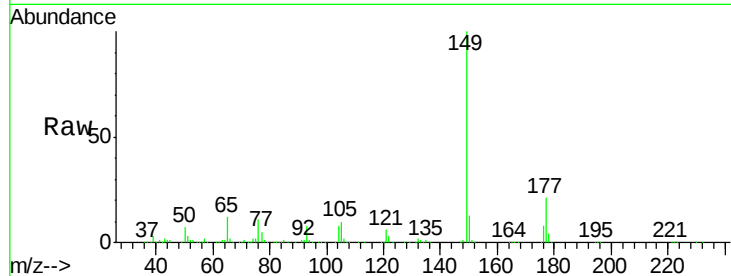
#59
Diethylphthalate
Concen: 40.88 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

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

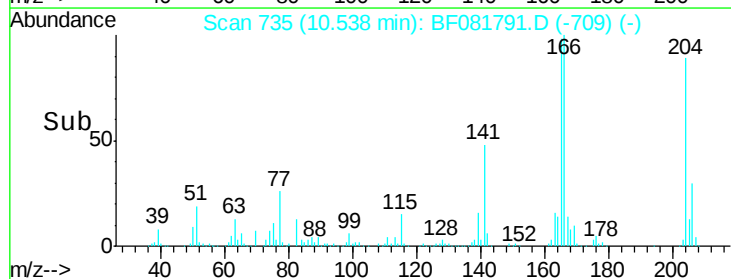
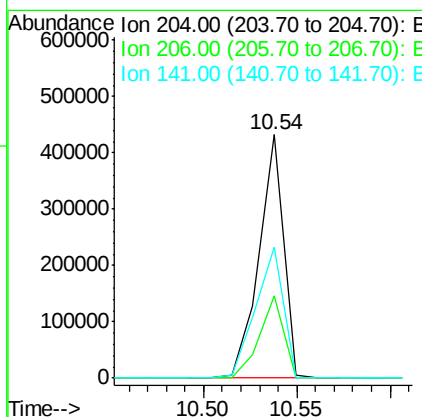
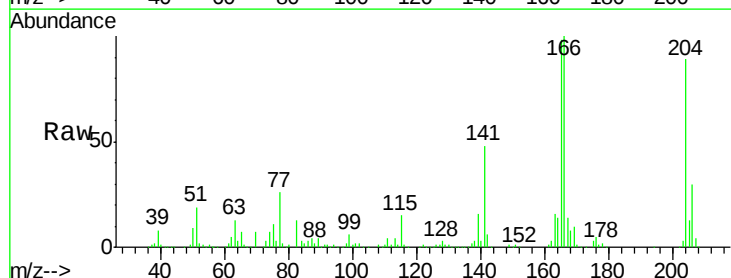
Manual Integrations
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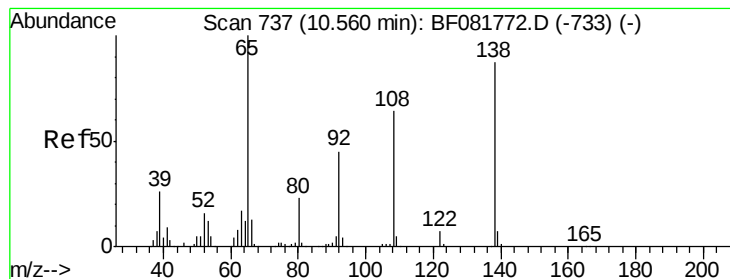
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 43.35 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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





#61

4-Nitroaniline

Concen: 38.81 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion: 138 Resp: 170799
Ion Ratio Lower Upper

138 100

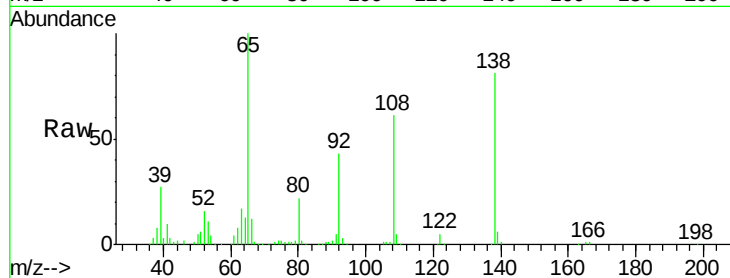
92 52.6 12.6 52.6

108 74.4 12.4 52.4#

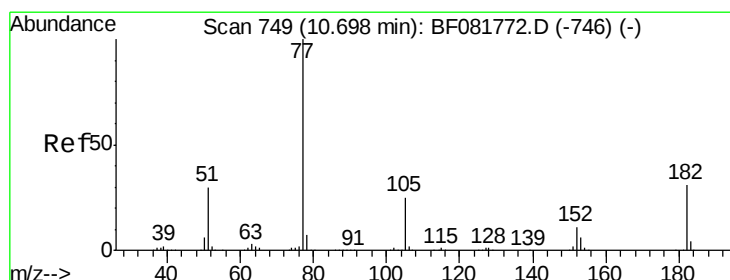
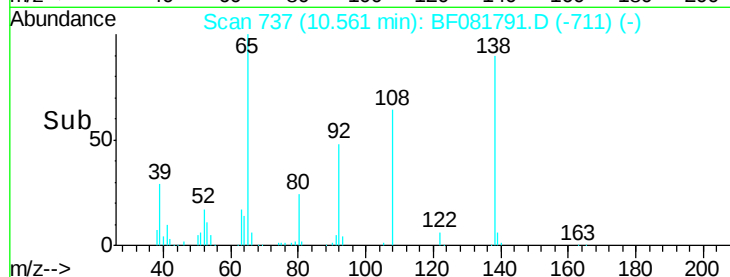
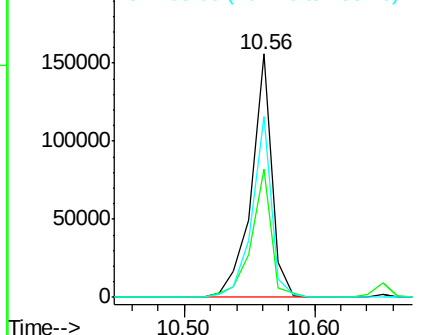
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.00 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion: 77 Resp: 921407
Ion Ratio Lower Upper

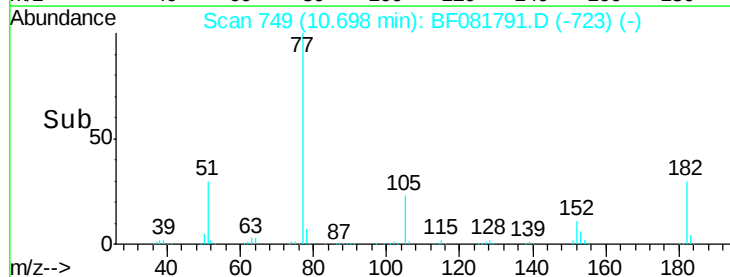
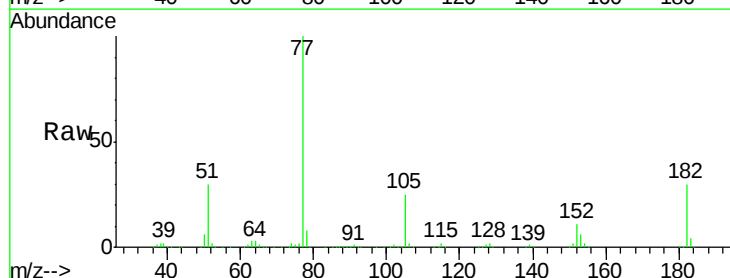
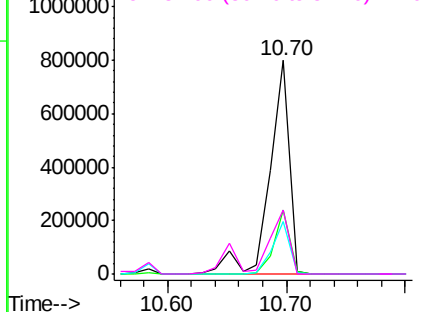
77 100

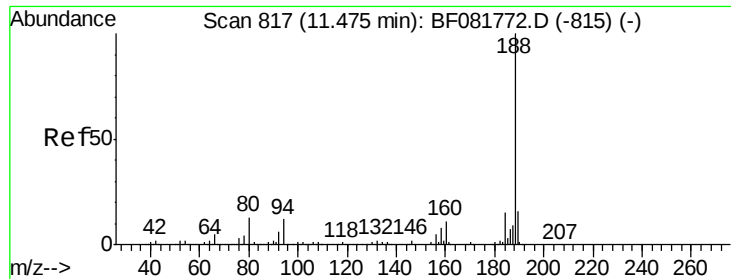
182 29.9 15.1 55.1

105 24.7 3.4 43.4

51 30.1 12.0 52.0

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

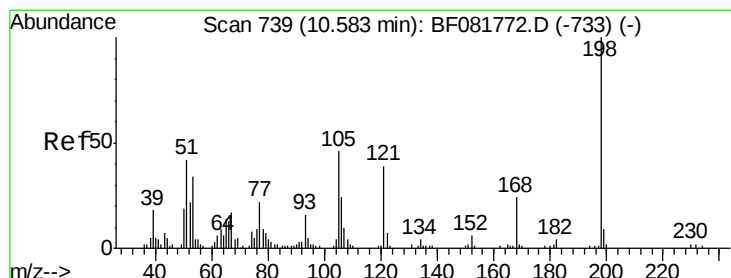
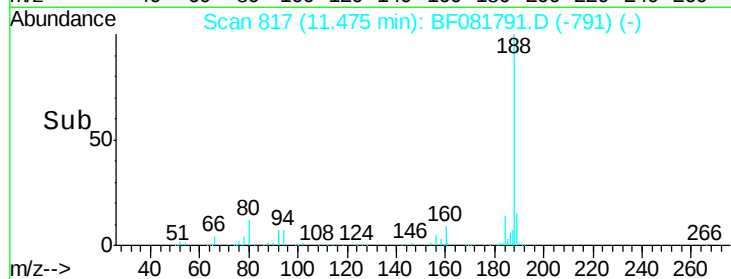
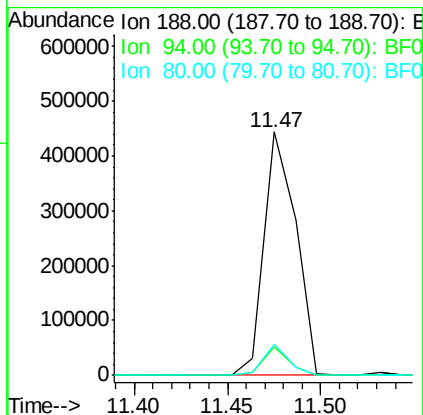
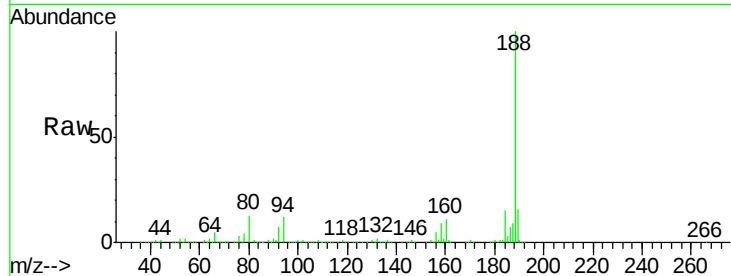
ClientSampleId :

MGP209BR-29-30MSD

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

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 52.41 ng

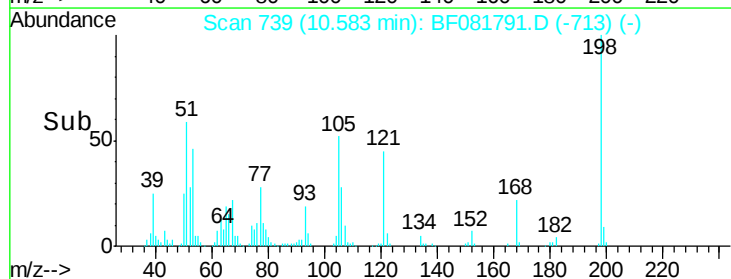
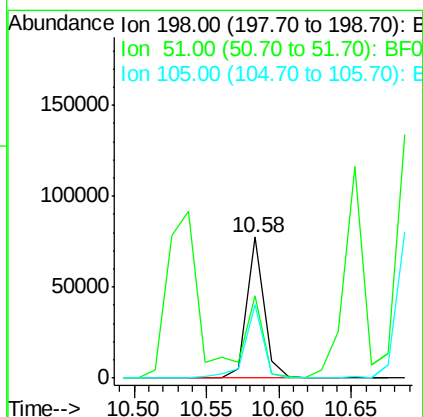
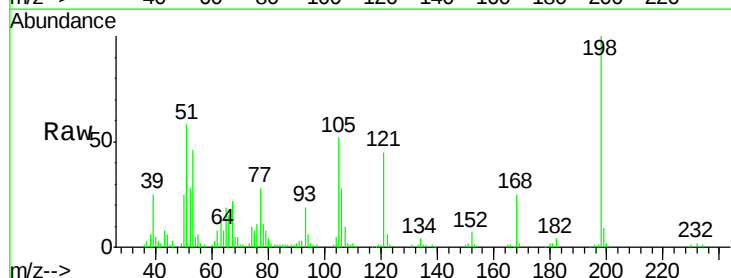
RT: 10.58 min Scan# 739

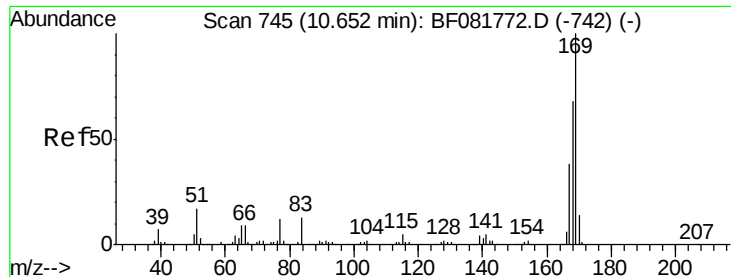
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

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





#65

n-Nitrosodiphenylamine

Concen: 37.76 ng

RT: 10.65 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

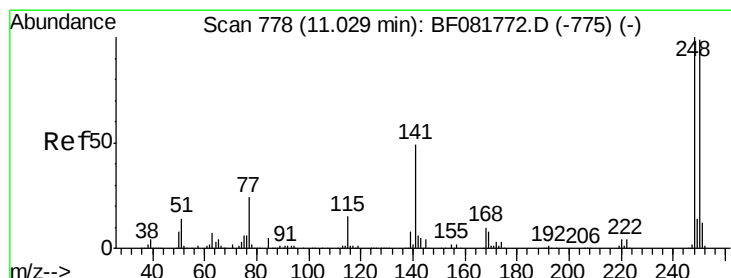
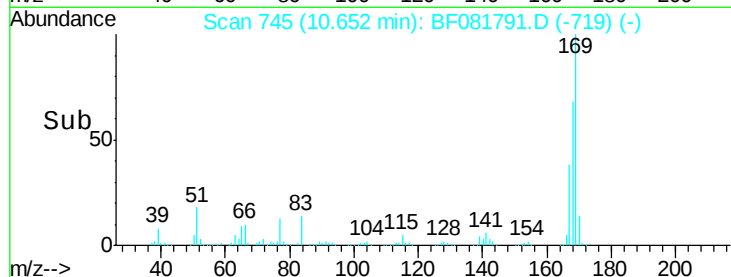
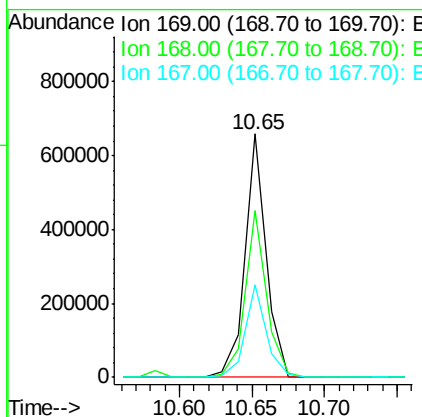
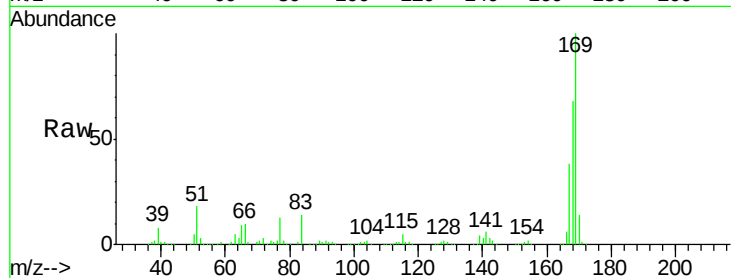
ClientSampleId :

MGP209BR-29-30MSD

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

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 43.20 ng

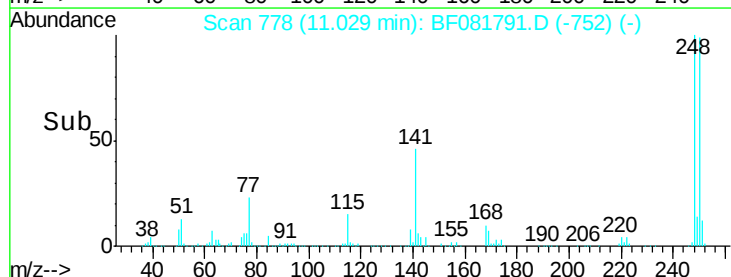
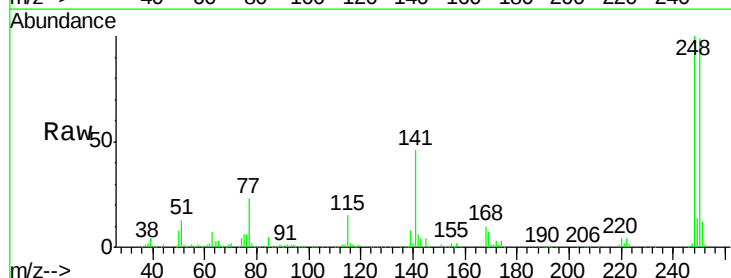
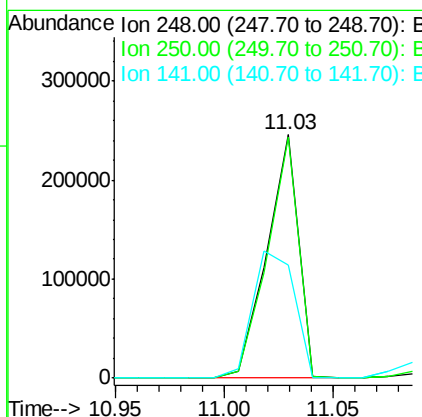
RT: 11.03 min Scan# 778

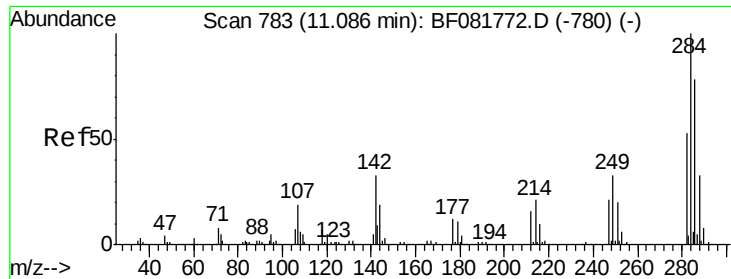
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

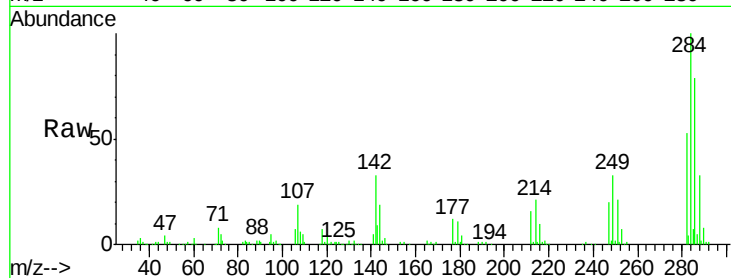
Tgt Ion:	248	Resp:	251236
Ion Ratio	Lower	Upper	
248	100		
250	99.0	78.5	117.7
141	46.3	59.0	88.6#





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

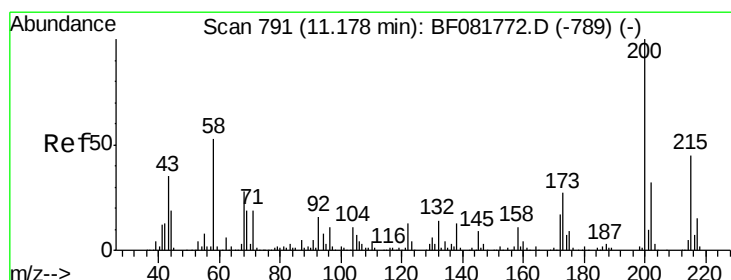
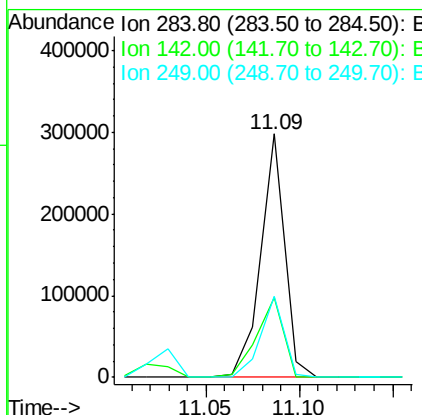
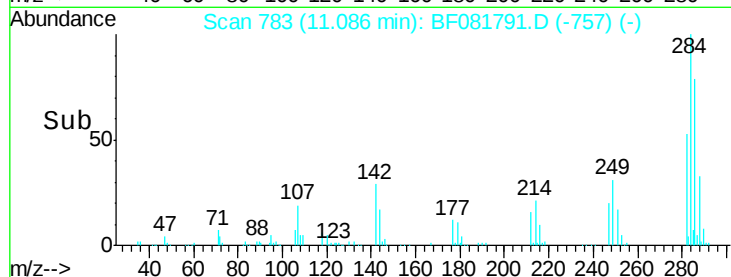
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD



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

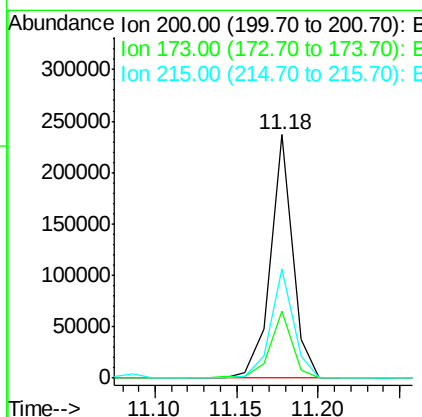
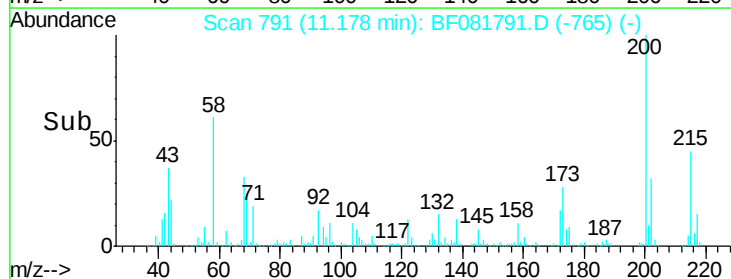
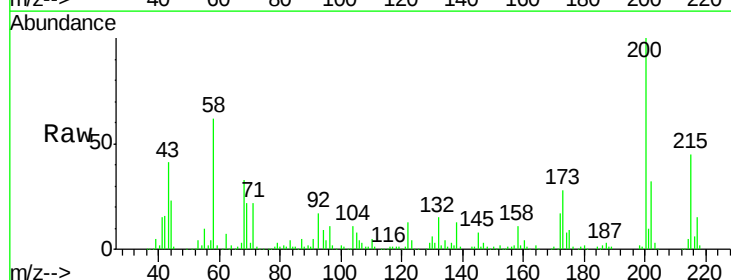
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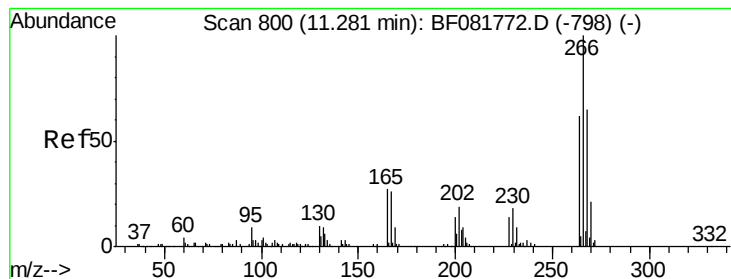
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#68
Atrazine
Concen: 42.83 ng
RT: 11.18 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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





#69

Pentachlorophenol

Concen: 82.23 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

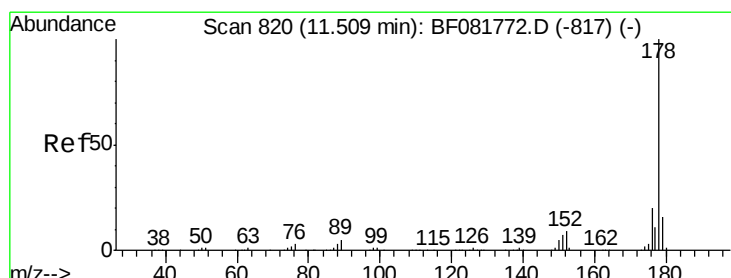
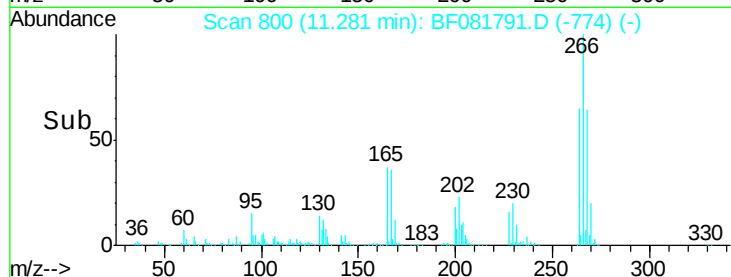
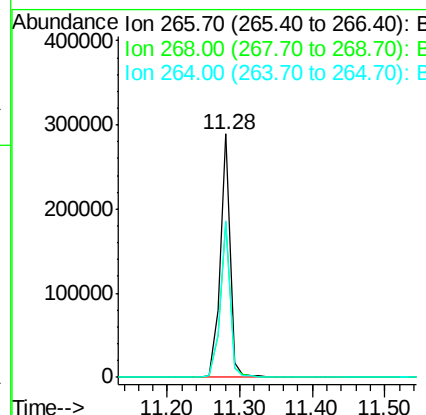
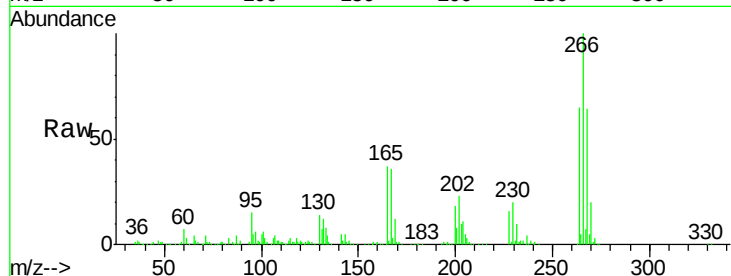
ClientSampleId :

MGP209BR-29-30MSD

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

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#70

Phenanthrene

Concen: 40.46 ng

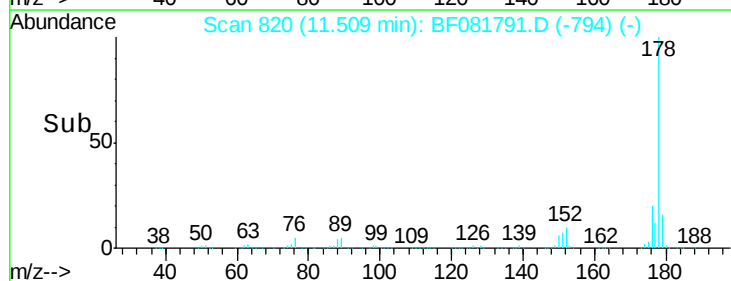
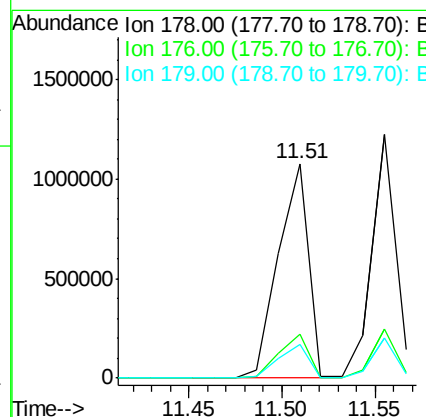
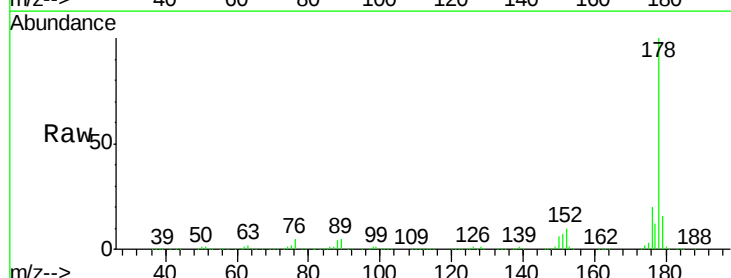
RT: 11.51 min Scan# 820

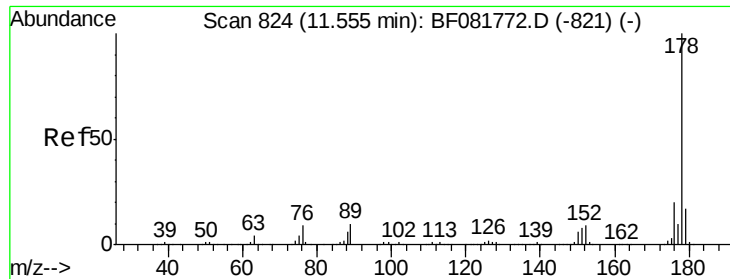
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion:	178	Resp:	1207968
Ion Ratio	Lower	Upper	
178	100		
176	20.4	13.8	20.8
179	15.7	12.2	18.2





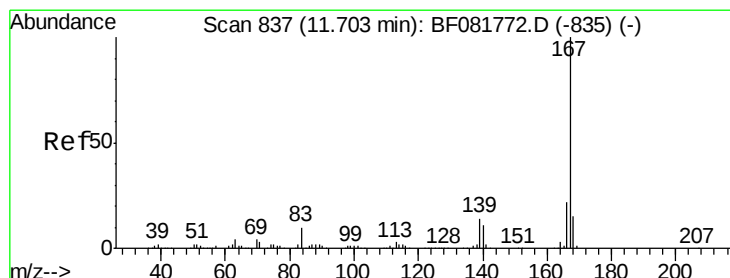
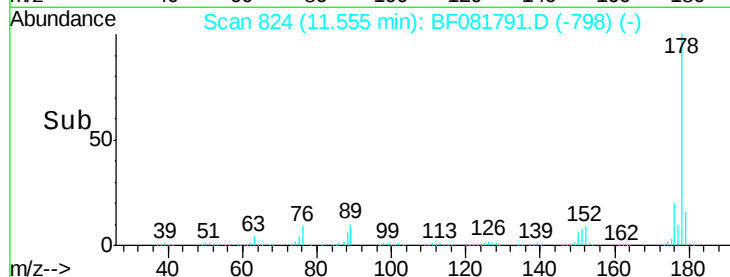
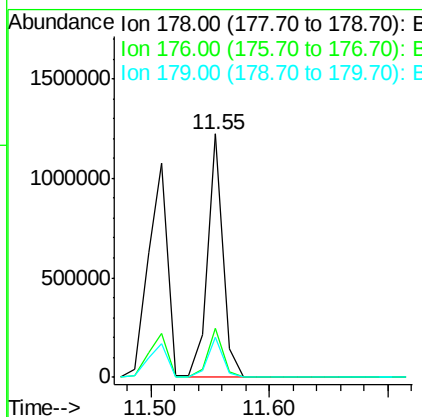
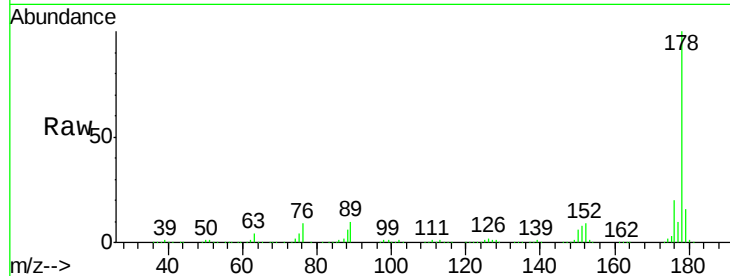
#71
 Anthracene
 Concen: 37.82 ng
 RT: 11.55 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion:178 Resp: 1088252
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.1 21.1
 179 16.4 12.2 18.2

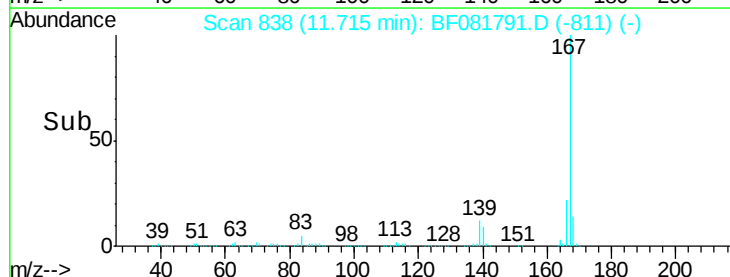
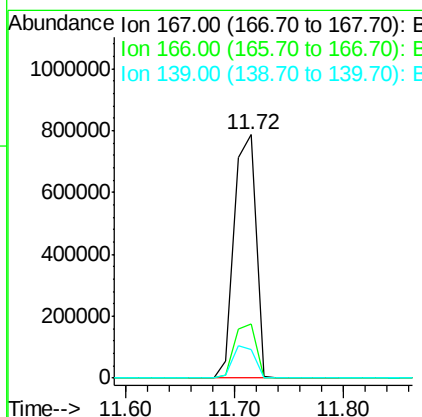
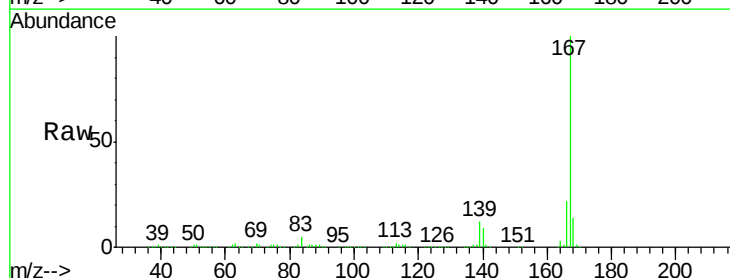
Manual Integrations
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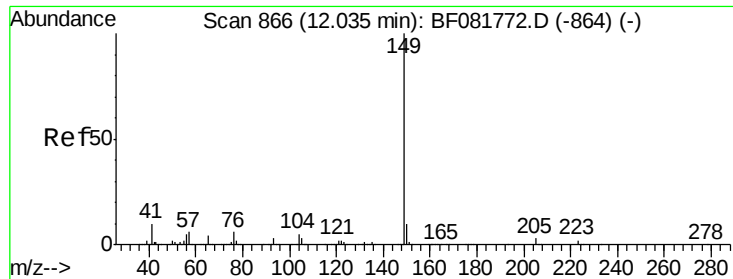
MMDadoda
 9/25/2015 3:37:14 PM



#72
 Carbazole
 Concen: 40.21 ng
 RT: 11.72 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion:167 Resp: 1073945
 Ion Ratio Lower Upper
 167 100
 166 22.4 15.7 23.5
 139 11.6 9.5 14.3





#73

Di-n-butylphthalate

Concen: 39.42 ng

RT: 12.04 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:149 Resp: 1281550

Ion Ratio Lower Upper

149 100

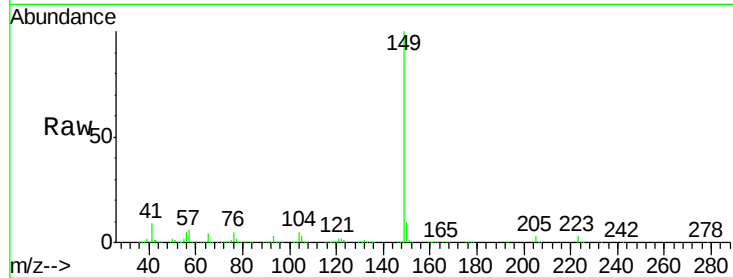
150 10.1 7.4 11.2

104 5.3 2.4 3.6#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.04

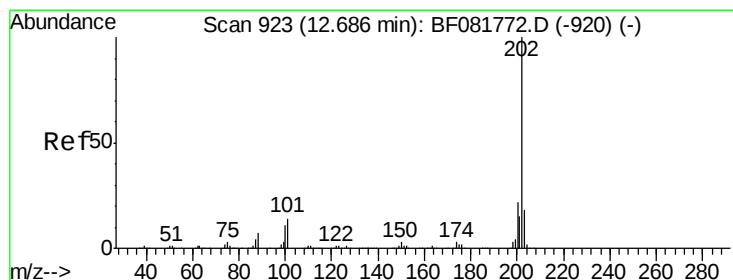
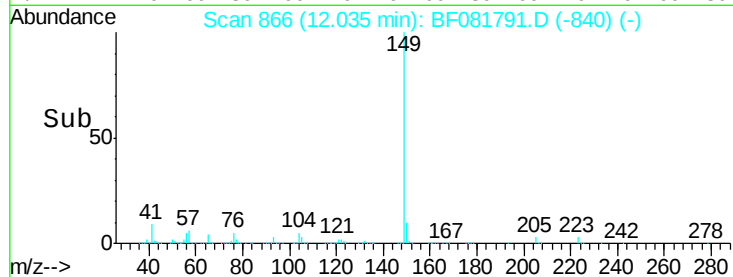
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 37.49 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

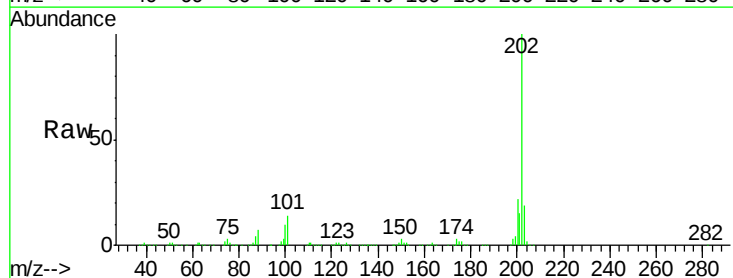
Tgt Ion:202 Resp: 1128016

Ion Ratio Lower Upper

202 100

101 13.5 0.0 38.3

203 18.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.69

1200000

1000000

800000

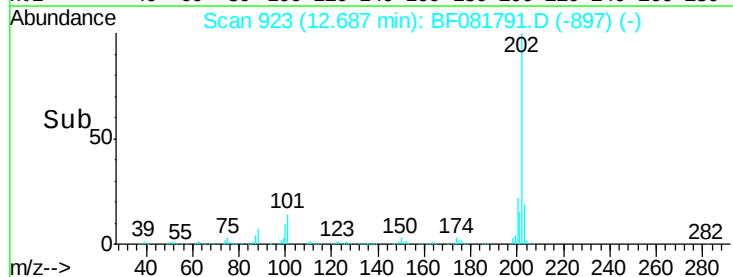
600000

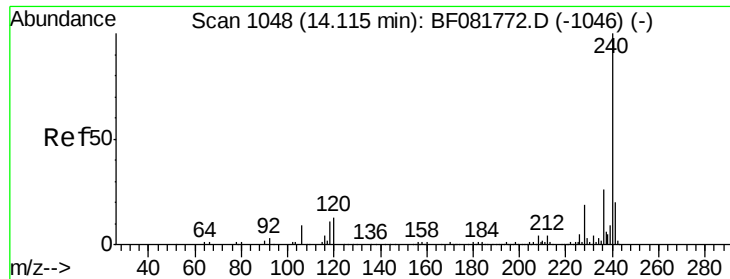
400000

200000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:240 Resp: 397923
Ion Ratio Lower Upper

240 100

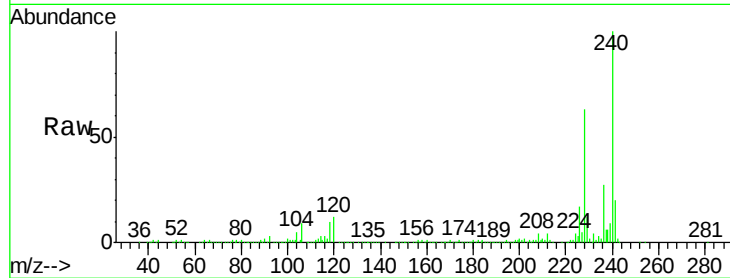
120 12.3 16.2 24.2#

236 26.8 18.4 27.6

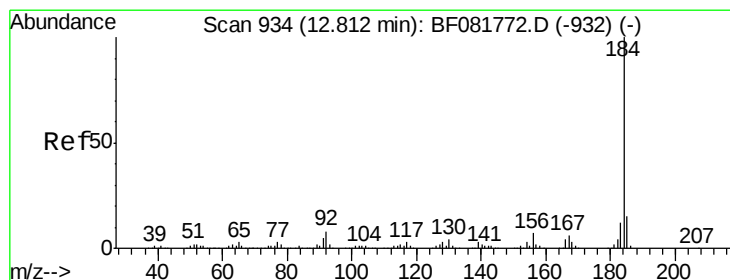
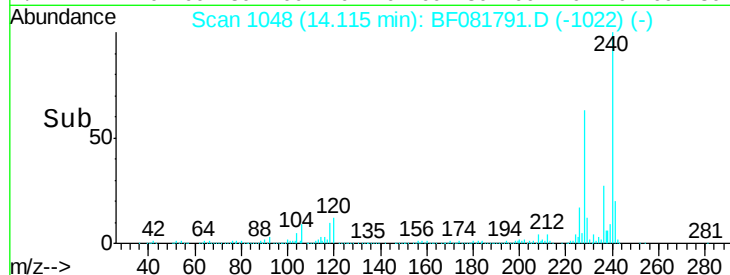
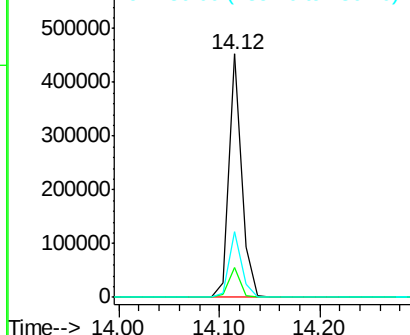
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.31 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF081791.D

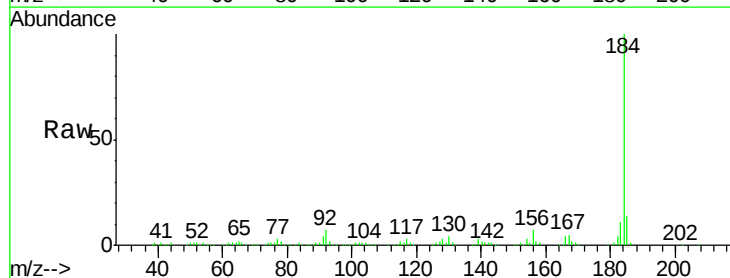
Acq: 25 Sep 2015 6:38

Tgt Ion:184 Resp: 301318
Ion Ratio Lower Upper

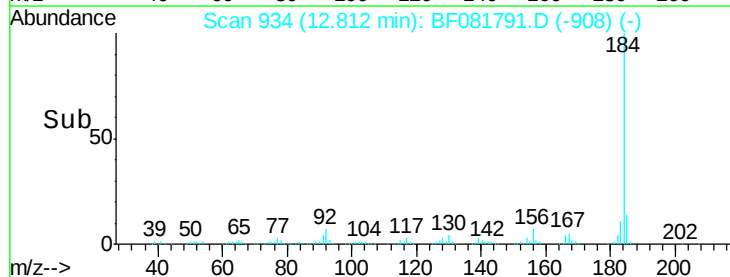
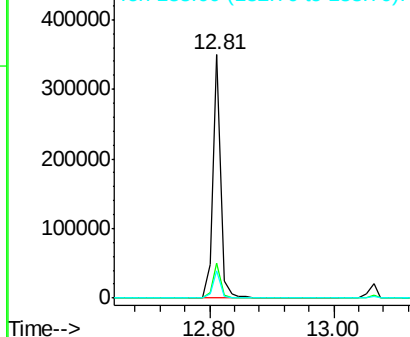
184 100

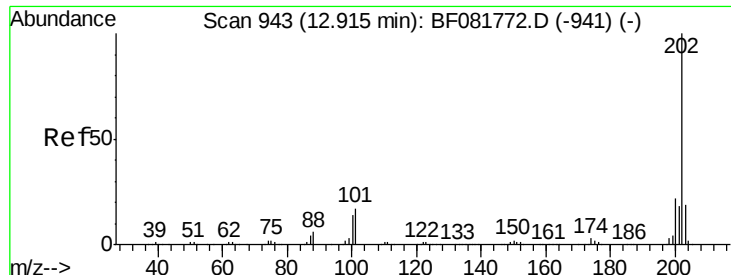
185 14.5 11.8 17.6

183 11.2 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





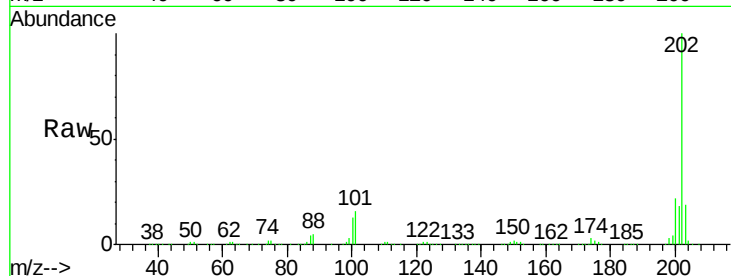
#77
 Pyrene
 Concen: 39.94 ng
 RT: 12.92 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

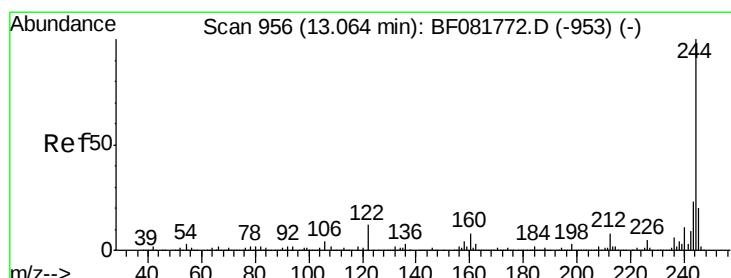
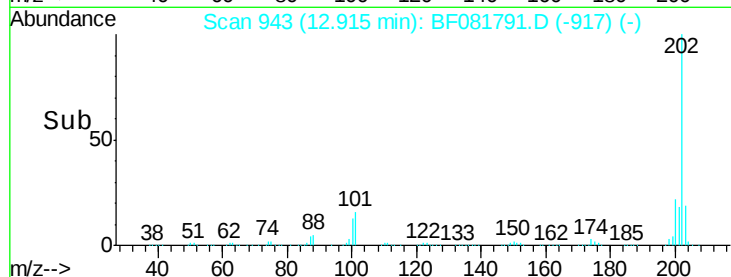
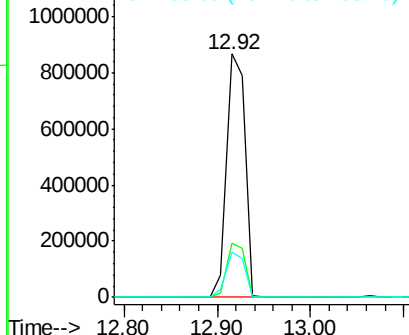
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	15.0	22.4
203	18.7	14.1	21.1

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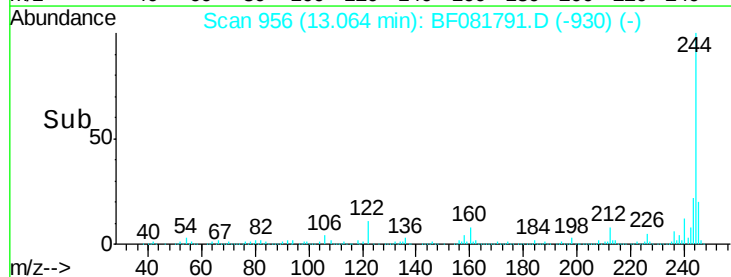
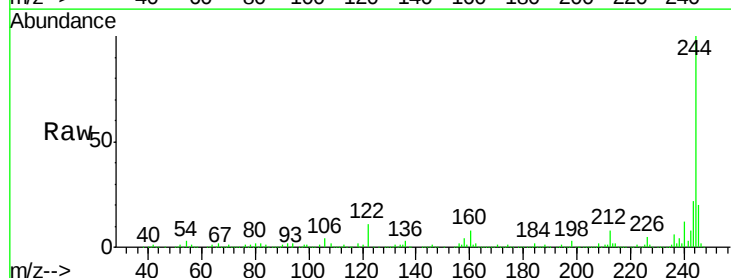
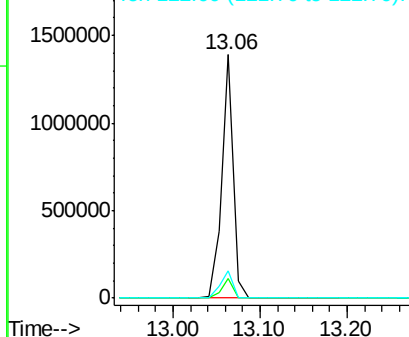
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

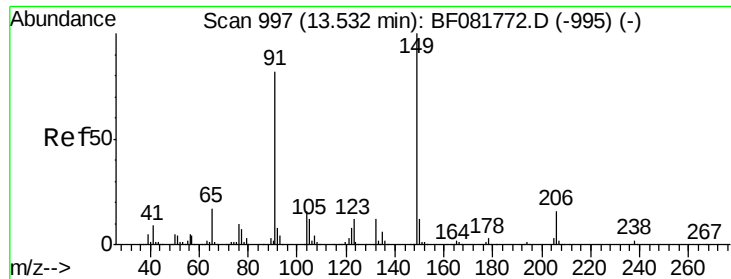


#78
 Terphenyl-d14
 Concen: 74.21 ng
 RT: 13.06 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

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

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





#79

Butylbenzylphthalate

Concen: 43.68 ng

RT: 13.53 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

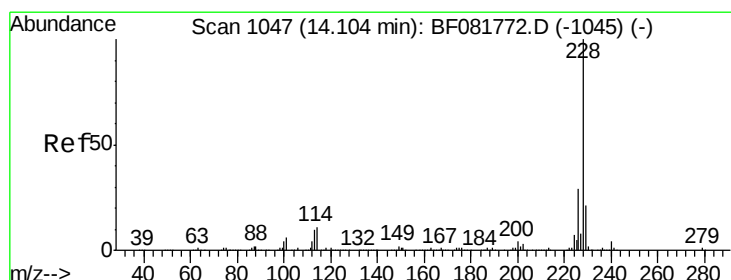
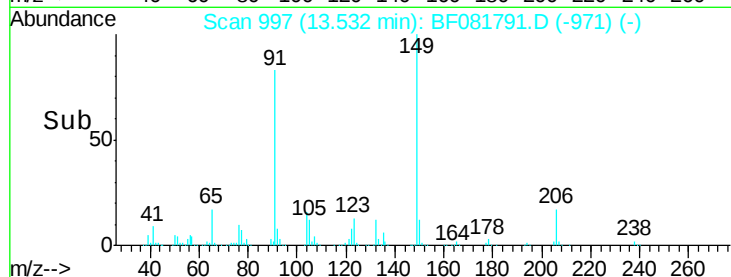
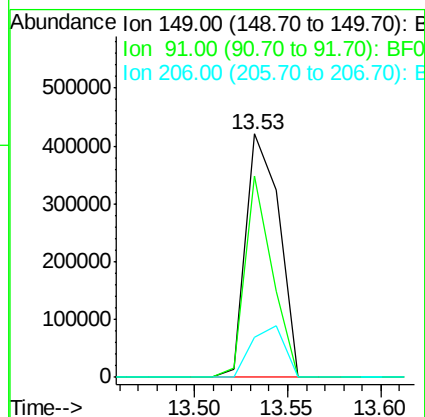
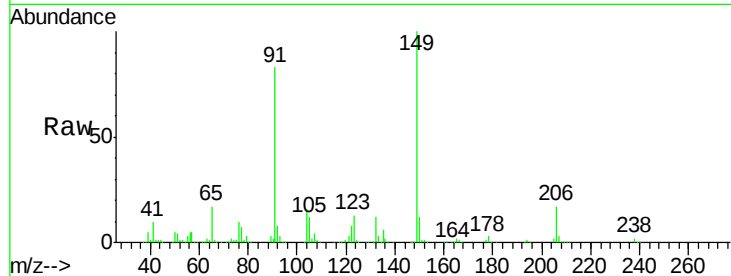
ClientSampleId :

MGP209BR-29-30MSD

Tgt Ion:	149	Resp:	522248
Ion Ratio	Lower	Upper	
149	100		
91	82.9	48.6	72.8#
206	16.7	14.9	22.3

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#80

Benzo(a)anthracene

Concen: 36.24 ng

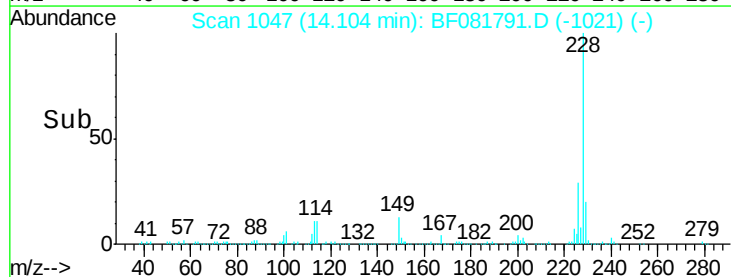
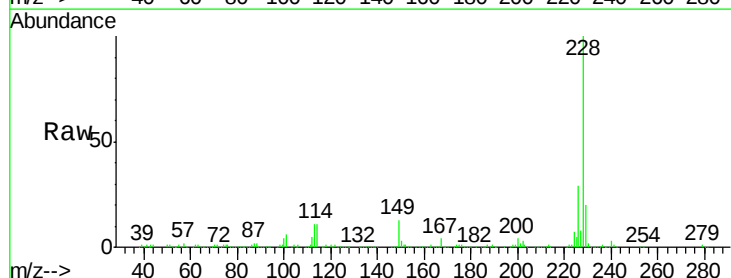
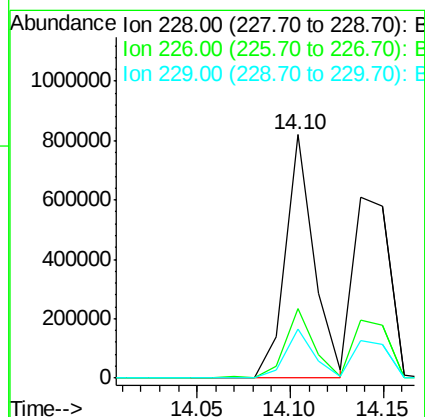
RT: 14.10 min Scan# 1047

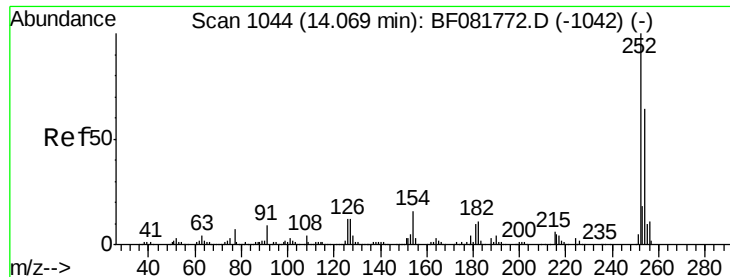
Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Tgt Ion:	228	Resp:	874528
Ion Ratio	Lower	Upper	
228	100		
226	28.5	20.0	30.0
229	20.4	15.4	23.2





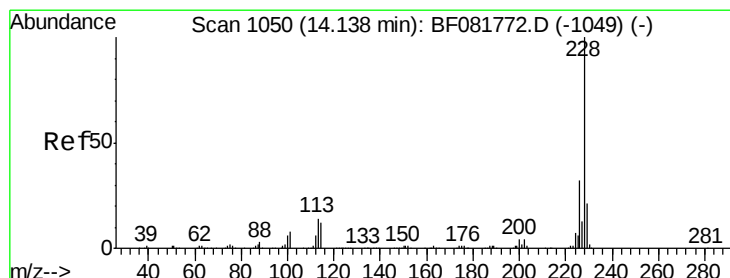
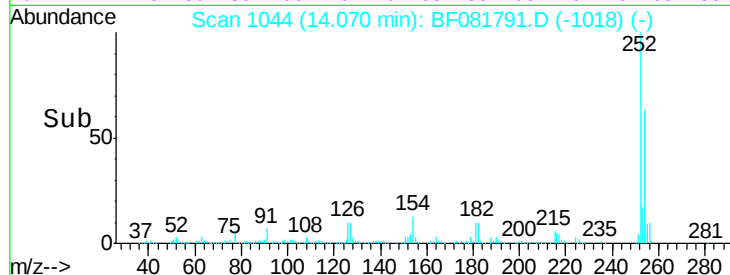
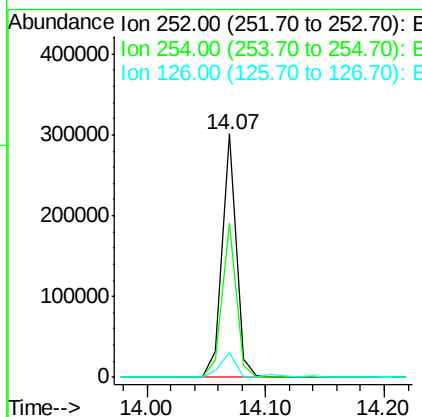
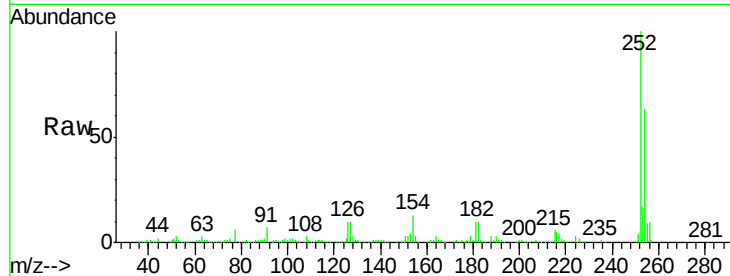
#81
 3,3'-Dichlorobenzidine
 Concen: 32.19 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.0	51.4	77.2
126	10.3	16.4	24.6#

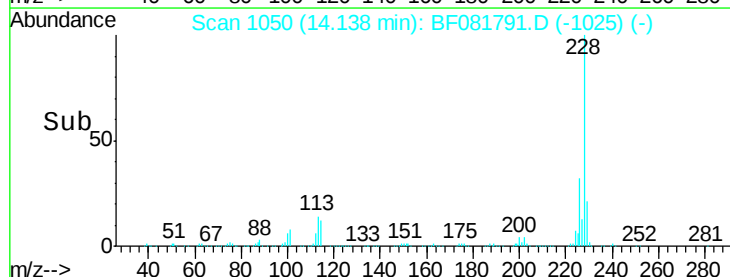
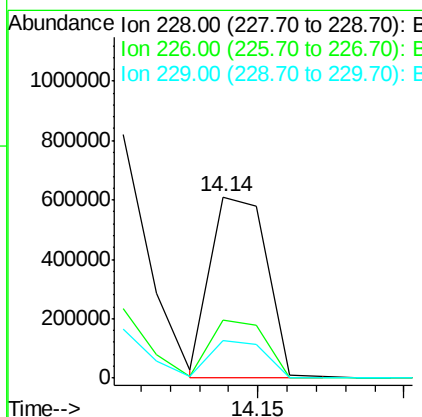
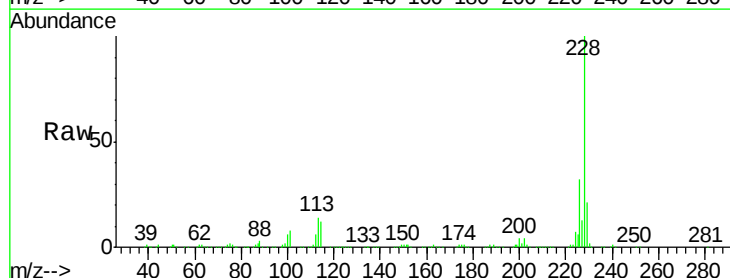
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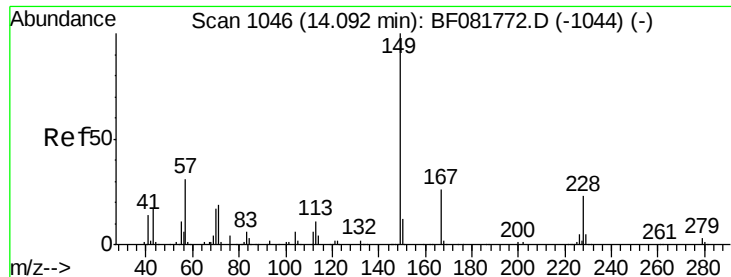
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#82
 Chrysene
 Concen: 35.77 ng m
 RT: 14.14 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.7	21.0	31.4#
229	20.6	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.88 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF081791.D

Acq: 25 Sep 2015 6:38

Instrument :

BNA_F

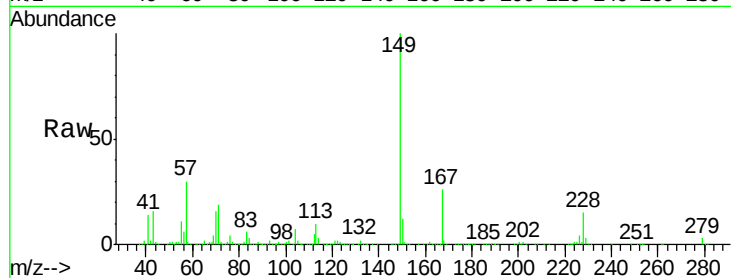
ClientSampleId :

MGP209BR-29-30MSD

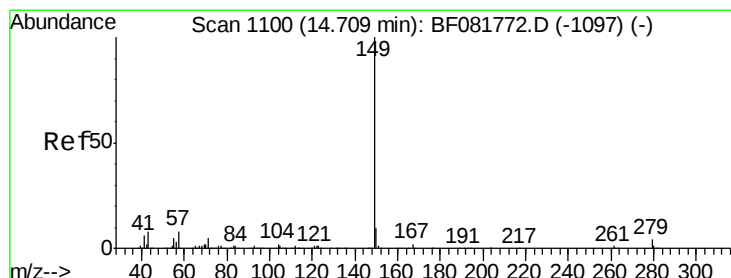
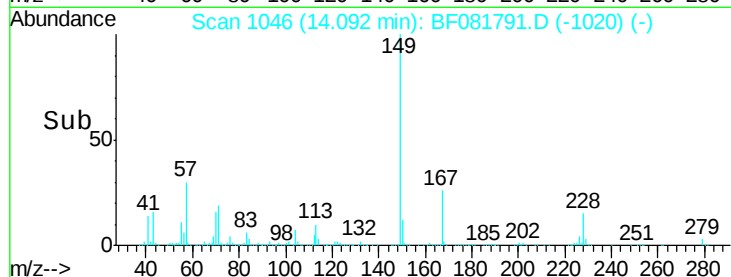
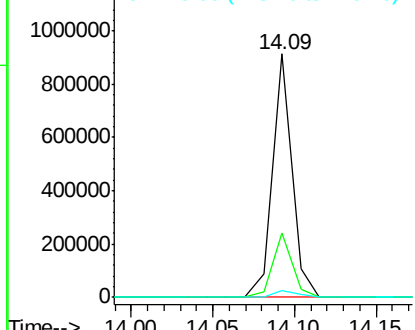
Tgt Ion:	149	Resp:	766561
Ion Ratio	Lower	Upper	
149	100		
167	26.3	24.2	36.2
279	2.8	3.8	5.6#

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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: 57.49 ng

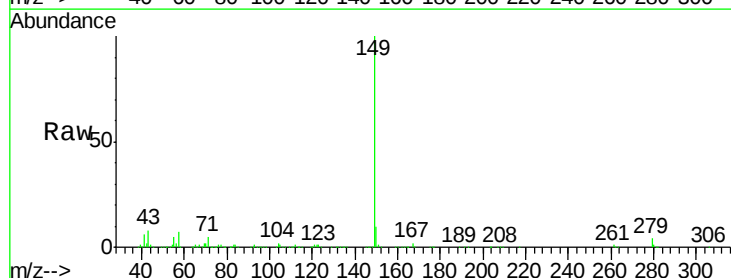
RT: 14.71 min Scan# 1100

Delta R.T. -0.00 min

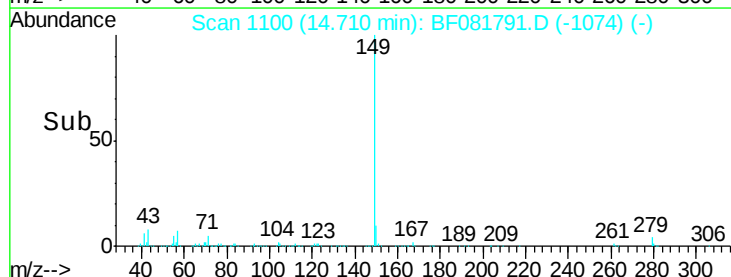
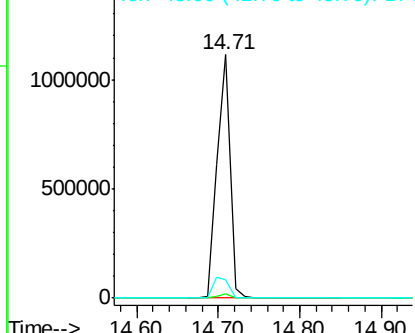
Lab File: BF081791.D

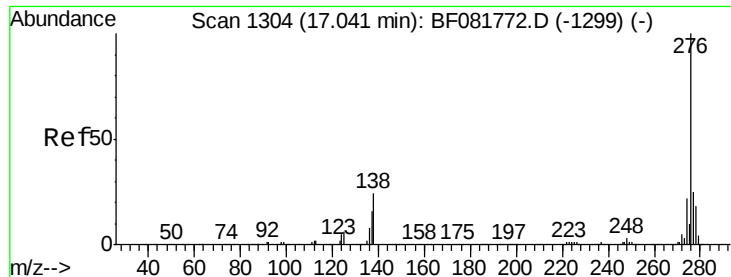
Acq: 25 Sep 2015 6:38

Tgt Ion:	149	Resp:	1225534
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.0	1.6
43	10.4	10.2	15.2



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





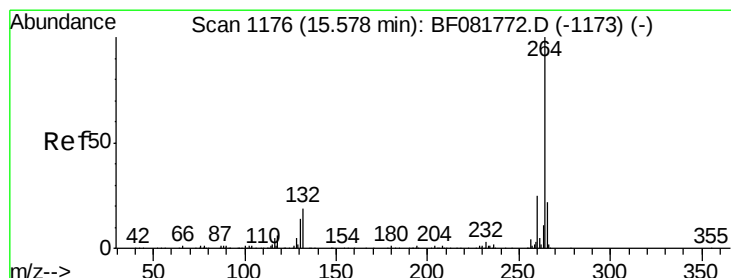
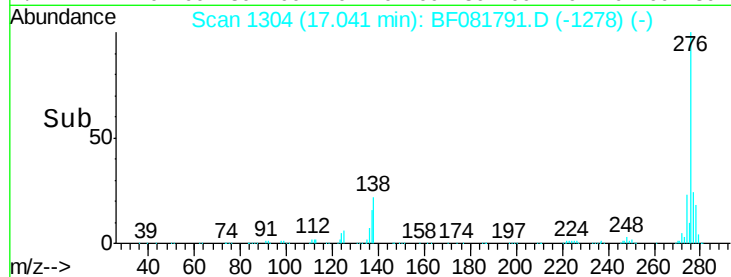
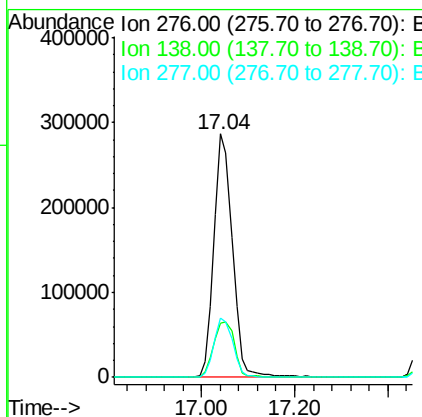
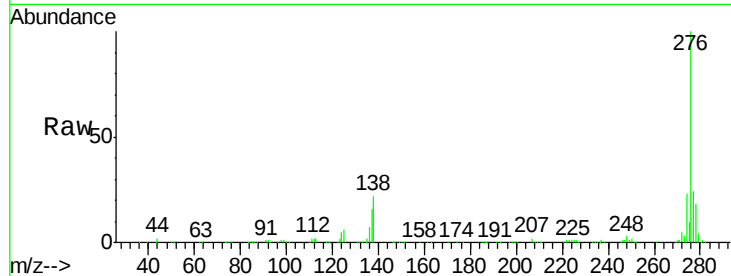
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.53 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.7	38.5
277	24.9	15.6	23.4

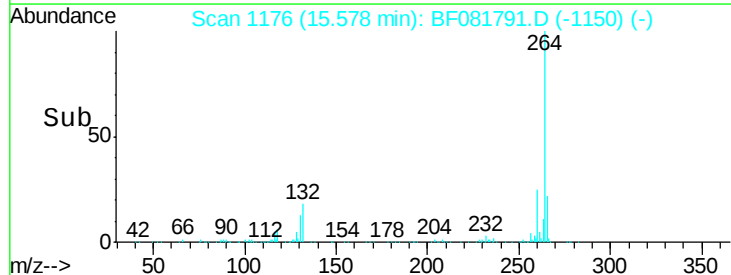
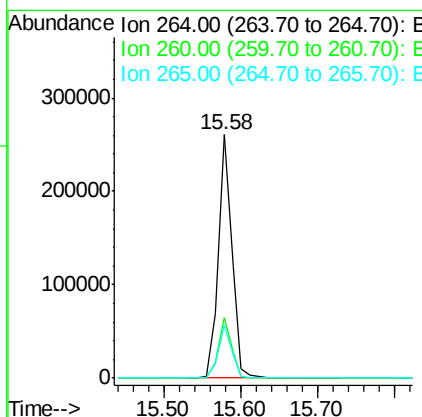
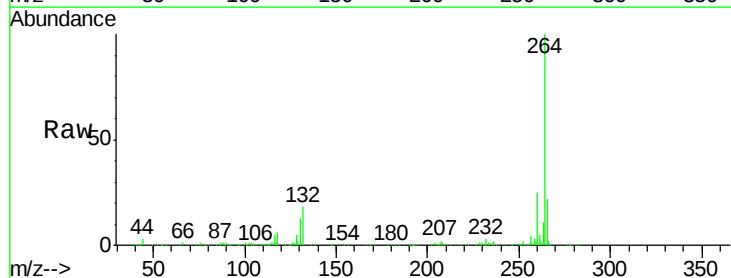
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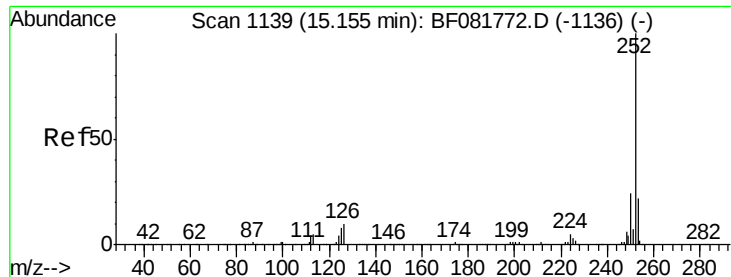
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

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





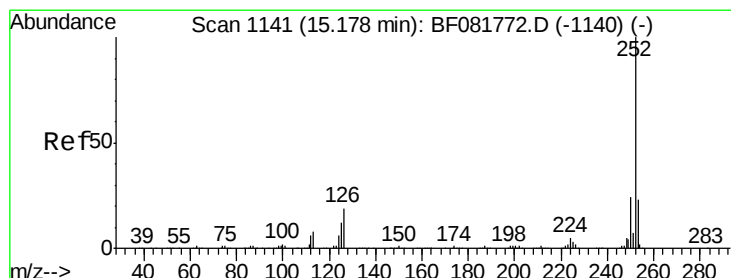
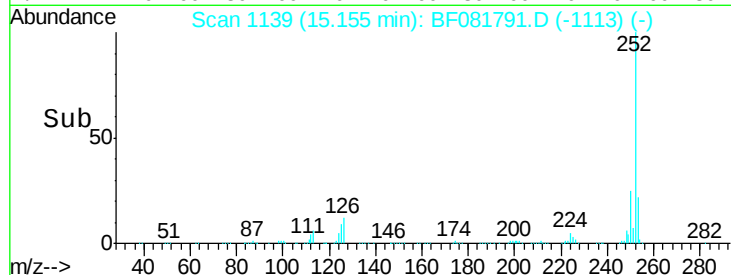
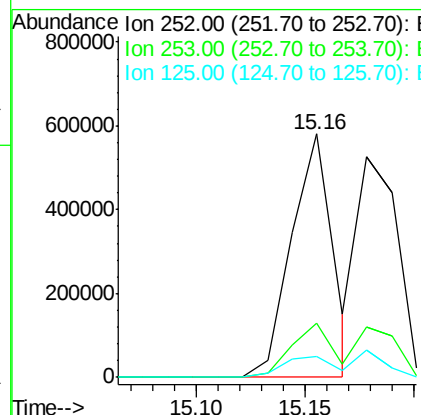
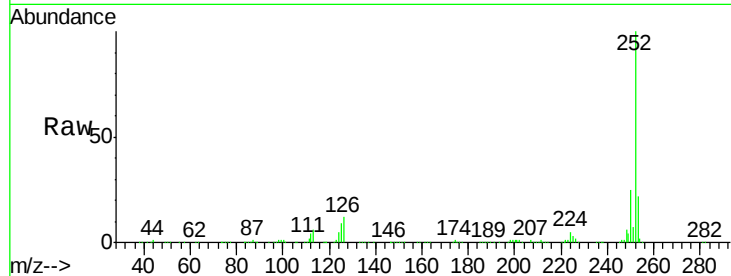
#87
Benzo(b)fluoranthene
Concen: 40.17 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.5	17.1	25.7

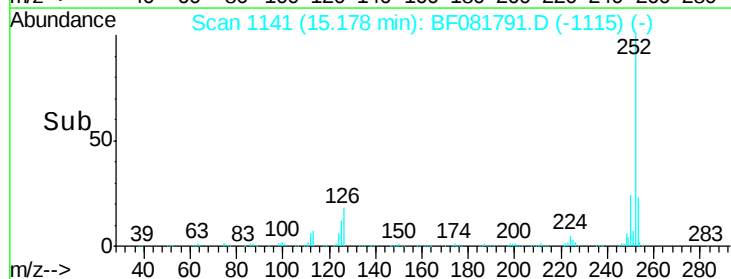
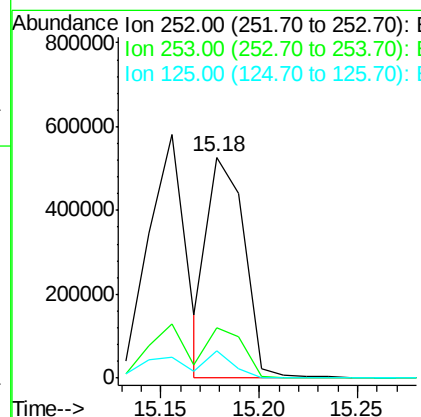
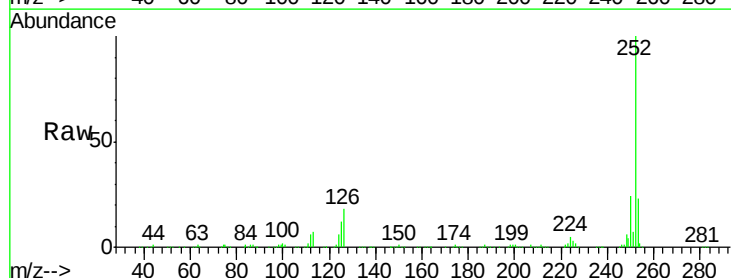
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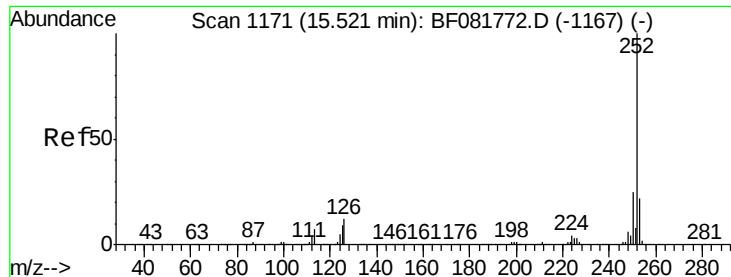
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#88
Benzo(k)fluoranthene
Concen: 37.48 ng m
RT: 15.18 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.0	25.4
125	12.2	16.0	24.0





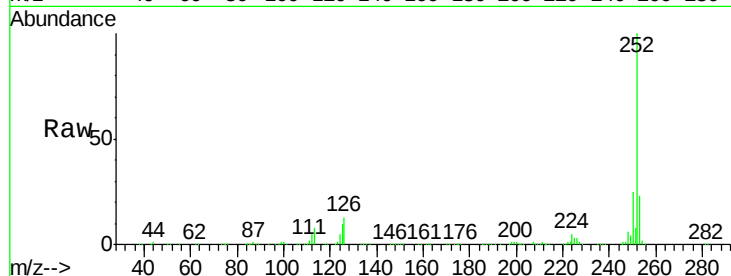
#89
Benzo(a)pyrene
Concen: 41.35 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30MSD

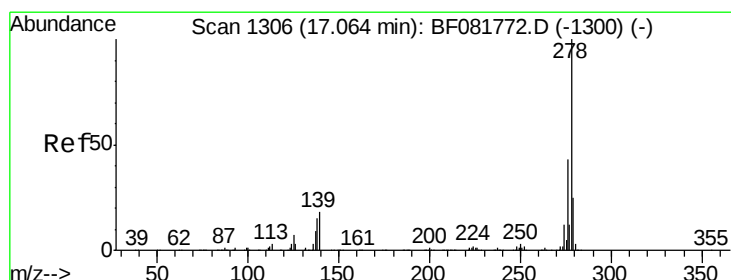
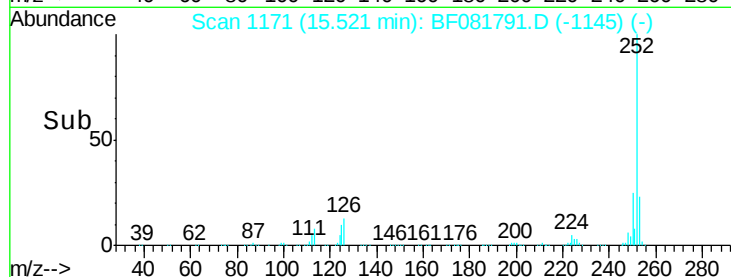
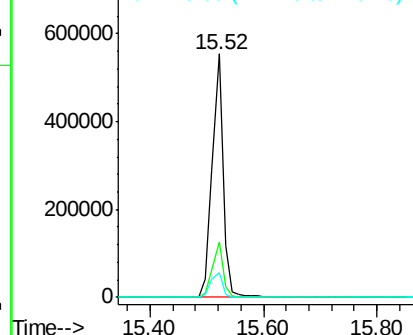
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	714554		
253	22.7	17.2	25.8	
125	9.9	18.0	27.0	

Manual Integrations
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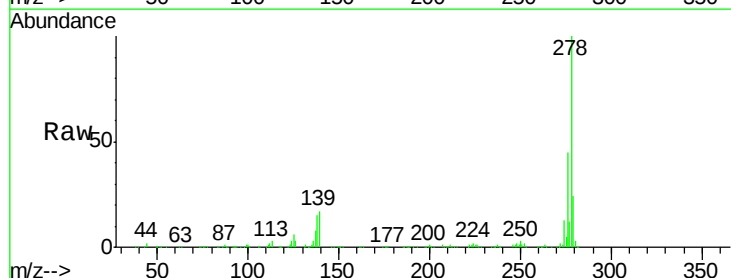


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

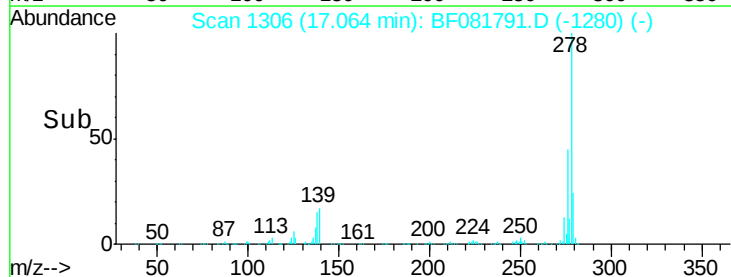
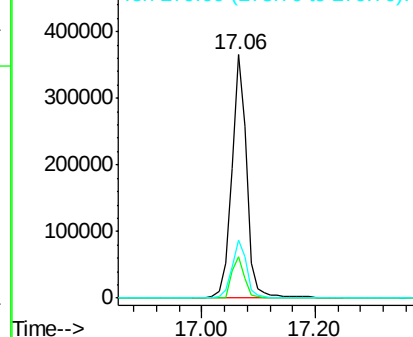


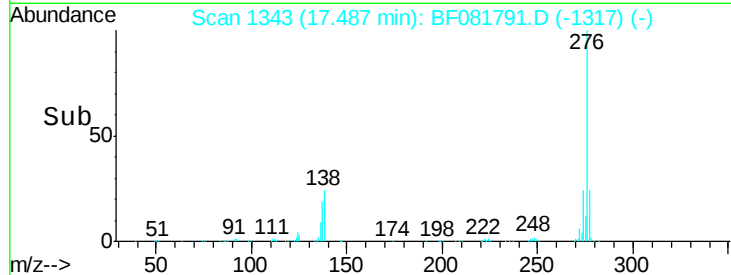
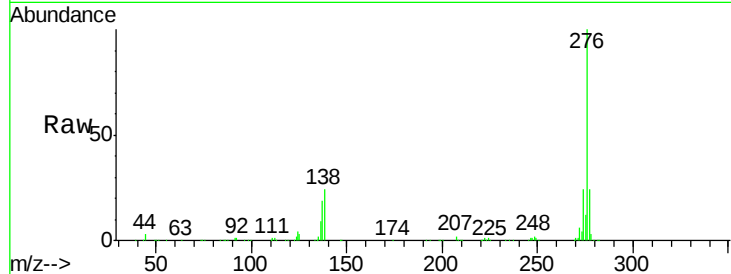
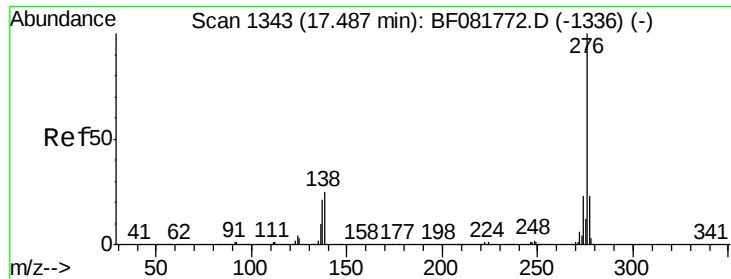
#90
Dibenzo(a,h)anthracene
Concen: 37.56 ng
RT: 17.06 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF081791.D
Acq: 25 Sep 2015 6:38

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



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





#91
 Benzo(g,h,i)perylene
 Concen: 33.37 ng
 RT: 17.49 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF081791.D
 Acq: 25 Sep 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	17.8	26.6
138	23.9	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 9/25/2015 3:37:14 PM

