

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081472.D
 Acq On : 5 Sep 2015 18:54
 Operator : UM/IZ
 Sample : G3559-05MS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 1:57:34 PM

Quant Time: Sep 07 03:46:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53481	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	194812	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	95448	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	175217	20.00	ng	0.00
75) Chrysene-d12	13.46	240	117360	20.00	ng	0.00
86) Perylene-d12	14.77	264	90296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	399082	115.78	ng	0.01
7) Phenol-d6	6.03	99	545454	119.55	ng	0.00
23) Nitrobenzene-d5	6.94	82	354555	87.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	121527	142.99	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	519139	69.70	ng	0.00
78) Terphenyl-d14	12.43	244	423757	84.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	44368	28.66	ng	# 88
3) Pyridine	2.24	79	108809	25.49	ng	# 88
4) n-Nitrosodimethylamine	2.20	42	93038	39.23	ng	# 75
6) Aniline	6.02	93	213914	33.20	ng	# 76
8) 2-Chlorophenol	6.15	128	161320	42.47	ng	92
9) Benzaldehyde	5.90	77	16579	5.80	ng	# 78
10) Phenol	6.04	94	216466	40.91	ng	# 48
11) bis(2-Chloroethyl)ether	6.11	93	155028	40.61	ng	88
12) 1,3-Dichlorobenzene	6.30	146	156143	38.47	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	158157	38.27	ng	# 90
14) 1,2-Dichlorobenzene	6.52	146	138638	37.26	ng	# 86
15) Benzyl Alcohol	6.52	79	150902	40.32	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.66	45	317806	43.43	ng	# 4
17) 2-Methylphenol	6.66	107	136659	45.09	ng	# 75
18) Hexachloroethane	6.87	117	60237	37.47	ng	92
19) n-Nitroso-di-n-propylamine	6.81	70	138431	44.58	ng	# 83
20) 3+4-Methylphenols	6.82	107	181875	44.51	ng	88
22) Acetophenone	6.79	105	236918	44.52	ng	# 75
24) Nitrobenzene	6.96	77	196020	46.75	ng	# 63
25) Isophorone	7.21	82	342358	45.58	ng	# 87
26) 2-Nitrophenol	7.28	139	85281	46.66	ng	# 52
27) 2,4-Dimethylphenol	7.35	122	141487	44.82	ng	# 84
28) bis(2-Chloroethoxy)methane	7.43	93	187884	43.31	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	132081	48.25	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	137081	46.10	ng	97
31) Naphthalene	7.67	128	414797	39.92	ng	98
32) Benzoic acid	7.44	122	8248	6.01	ng	# 42
33) 4-Chloroaniline	7.74	127	145844	34.42	ng	# 81
34) Hexachlorobutadiene	7.79	225	79247	43.79	ng	99
35) Caprolactam	8.12	113	46102m	54.91	ng	
36) 4-Chloro-3-methylphenol	8.24	107	155233	50.67	ng	# 69
37) 2-Methylnaphthalene	8.36	142	323938	47.91	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	120120	39.79	ng	99
40) Hexachlorocyclopentadiene	8.51	237	121412	81.96	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92873	44.58	ng	98
43) 2,4,5-Trichlorophenol	8.70	196	88384	41.59	ng #	79
45) 1,1'-Biphenyl	8.83	154	373132	42.49	ng	94
46) 2-Chloronaphthalene	8.84	162	269745	42.54	ng #	89
47) 2-Nitroaniline	8.96	65	120442	46.60	ng #	75
48) Acenaphthylene	9.26	152	463369	41.19	ng	98
49) Dimethylphthalate	9.15	163	540375	72.87	ng #	97
50) 2,6-Dinitrotoluene	9.21	165	67528	40.12	ng	92
51) Acenaphthene	9.43	154	270564	42.27	ng	91
52) 3-Nitroaniline	9.37	138	74111	38.68	ng #	77
53) 2,4-Dinitrophenol	9.47	184	33659	47.48	ng #	1
54) Dibenzofuran	9.60	168	405483	43.39	ng #	91
55) 4-Nitrophenol	9.56	139	108302	89.97	ng #	31
56) 2,4-Dinitrotoluene	9.60	165	82362	38.43	ng #	19
57) Fluorene	9.93	166	292357	41.22	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	82347	50.75	ng	97
59) Diethylphthalate	9.84	149	333001	42.69	ng	94
60) 4-Chlorophenyl-phenylether	9.94	204	147293	44.56	ng	95
61) 4-Nitroaniline	9.98	138	69426	35.86	ng #	22
62) Azobenzene	10.09	77	356985	41.16	ng #	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	44536	45.44	ng	82
65) n-Nitrosodiphenylamine	10.06	169	263141	41.27	ng	91
66) 4-Bromophenyl-phenylether	10.42	248	83819	47.31	ng	93
67) Hexachlorobenzene	10.48	284	84529	45.63	ng #	75
68) Atrazine	10.60	200	89733	48.63	ng	84
69) Pentachlorophenol	10.67	266	80139	87.90	ng	99
70) Phenanthrene	10.88	178	434438	44.60	ng	97
71) Anthracene	10.93	178	401799	40.15	ng	97
72) Carbazole	11.10	167	442662	47.14	ng	96
73) Di-n-butylphthalate	11.45	149	525309	47.37	ng #	98
74) Fluoranthene	12.05	202	393160	37.28	ng	91
76) Benzidine	12.19	184	192647	38.24	ng	97
77) Pyrene	12.27	202	472927	54.40	ng	98
79) Butylbenzylphthalate	12.93	149	194791	51.52	ng	99
80) Benzo(a)anthracene	13.45	228	332984	44.55	ng	97
81) 3,3'-Dichlorobenzidine	13.43	252	86232	34.20	ng #	94
82) Chrysene	13.49	228	253123	37.78	ng	94
83) Bis(2-ethylhexyl)phthalate	13.49	149	225129	45.12	ng #	89
84) Di-n-octyl phthalate	14.09	149	334627	40.73	ng	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	277434	56.44	ng #	85
87) Benzo(b)fluoranthene	14.45	252	319865m	49.62	ng	
88) Benzo(k)fluoranthene	14.47	252	177691m	33.22	ng	
89) Benzo(a)pyrene	14.72	252	242518	44.40	ng #	86
90) Dibenzo(a,h)anthracene	15.85	278	227905	53.99	ng #	81
91) Benzo(g,h,i)perylene	16.16	276	235696	58.50	ng #	74

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

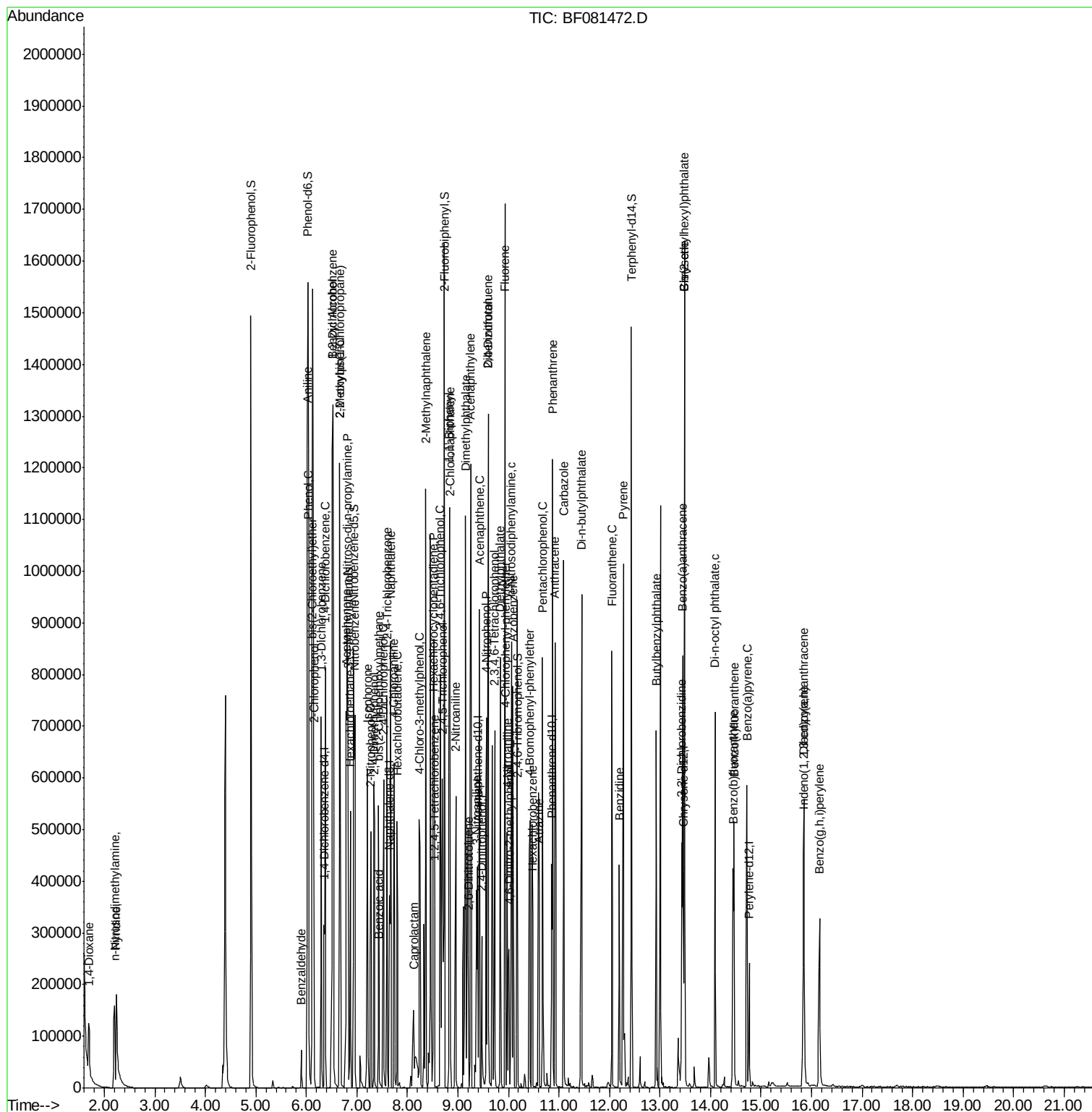
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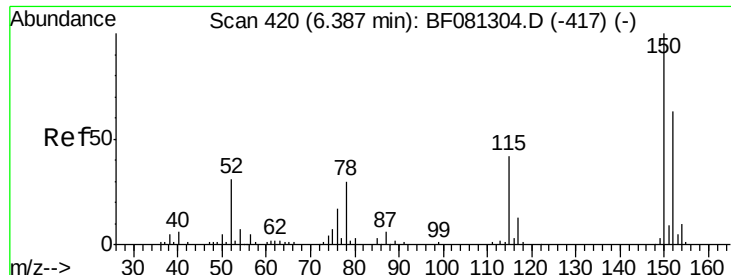
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

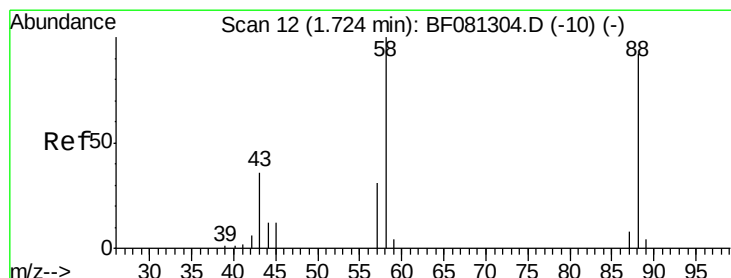
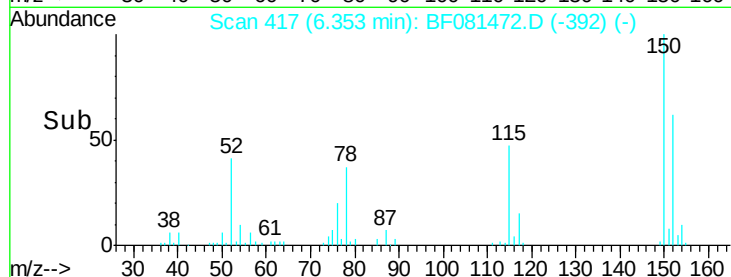
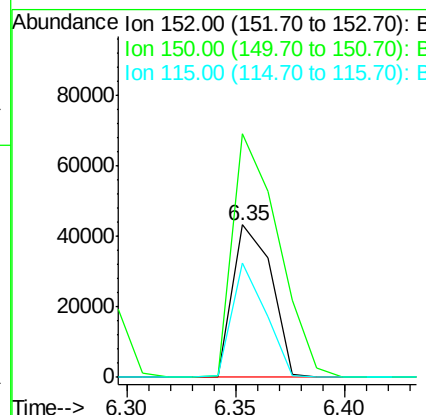
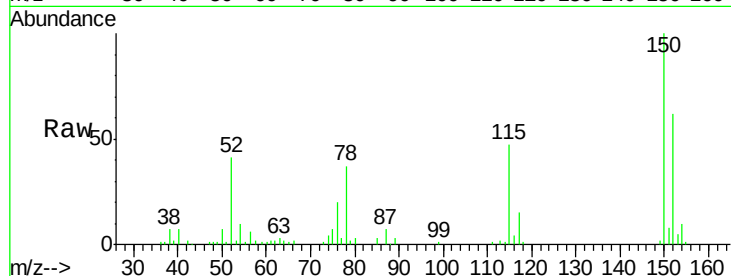
ClientSampleId :

MGP2240BR-23-25MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.7	187.1
115	75.0	39.0	58.4#

Manual Integrations
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#2

1,4-Dioxane

Concen: 28.66 ng

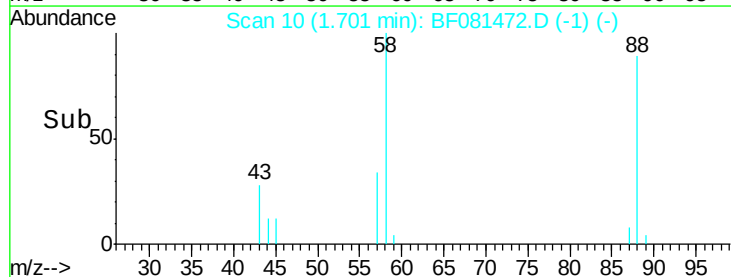
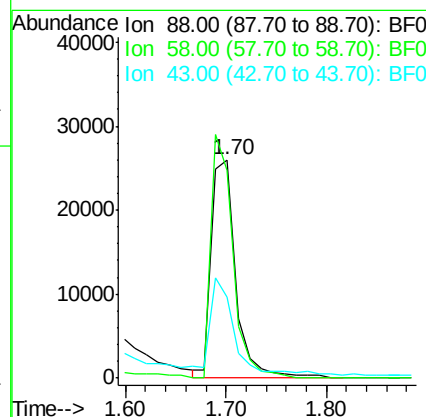
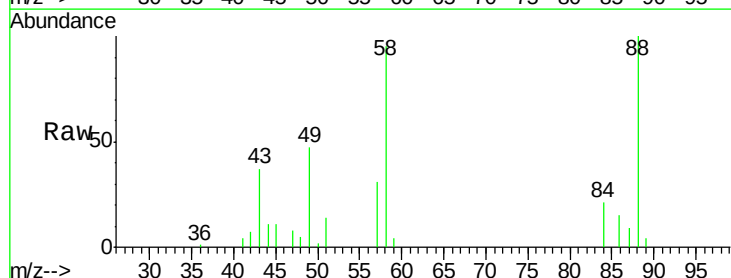
RT: 1.70 min Scan# 10

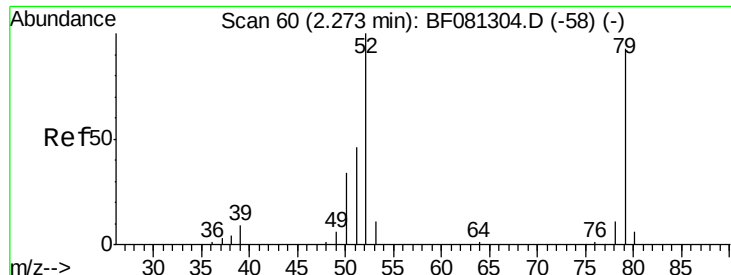
Delta R.T. 0.03 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	77.7	116.5
43	57.3	26.6	40.0#





#3

Pyridine

Concen: 25.49 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.03 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

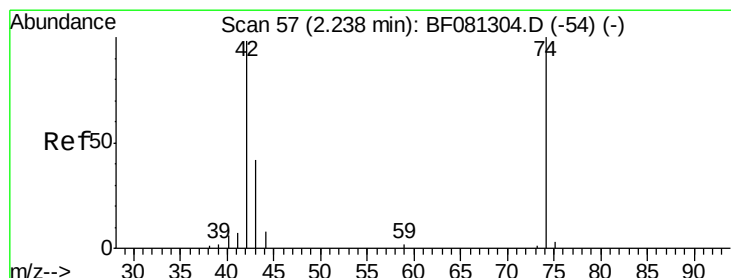
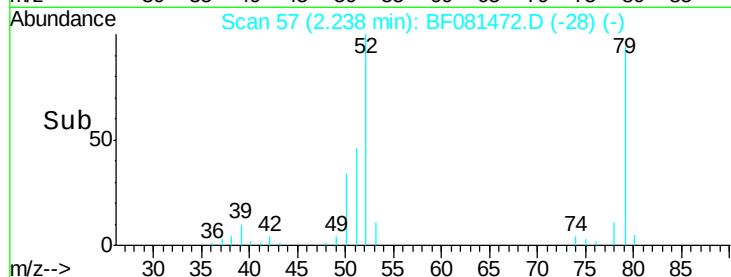
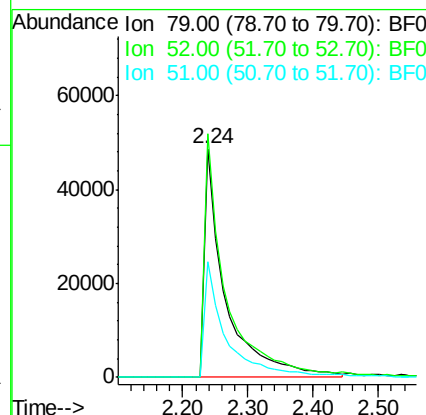
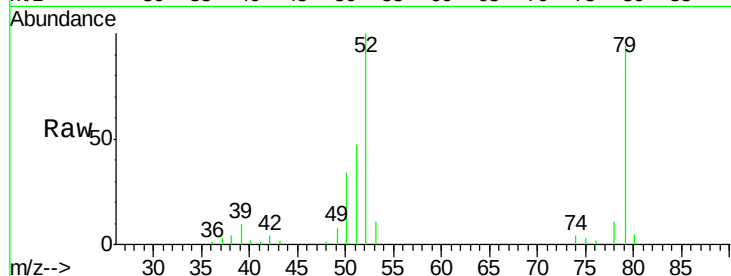
ClientSampleId :

MGP2240BR-23-25MS

Tgt Ion:	79	Resp:	108809
Ion Ratio	Lower	Upper	
79	100		
52	106.4	76.8	115.2
51	50.4	32.2	48.4#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.23 ng

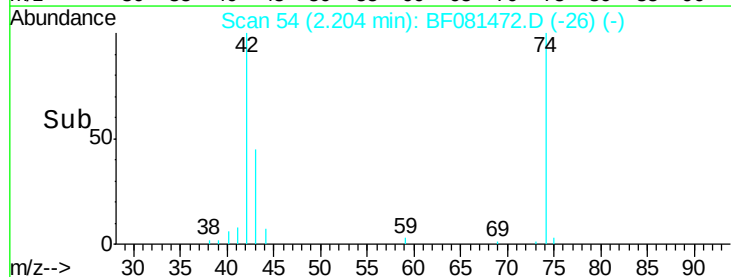
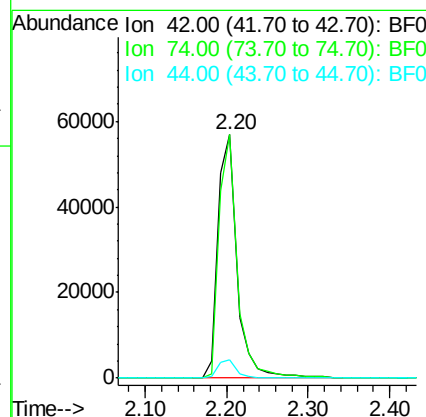
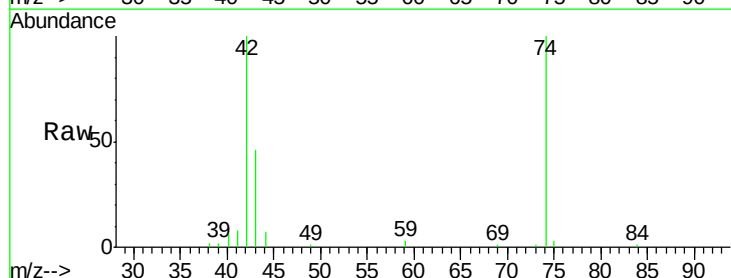
RT: 2.20 min Scan# 54

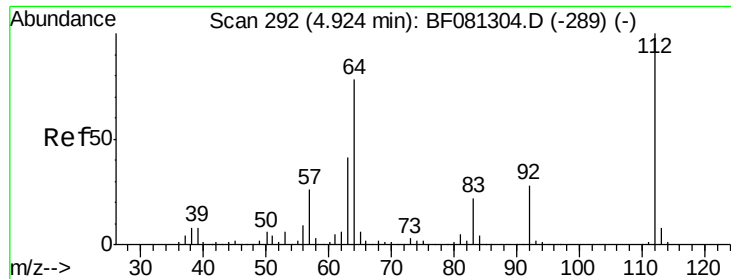
Delta R.T. 0.02 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:	42	Resp:	93038
Ion Ratio	Lower	Upper	
42	100		
74	100.2	105.0	157.6#
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 115.78 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF081472.D

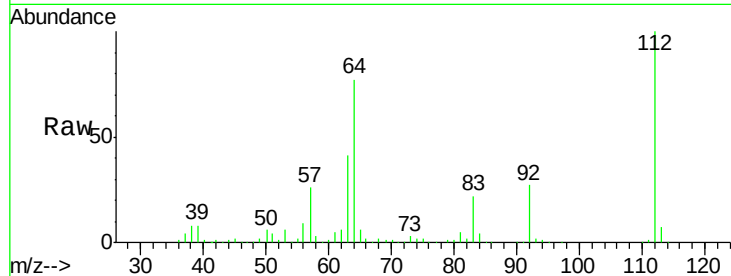
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

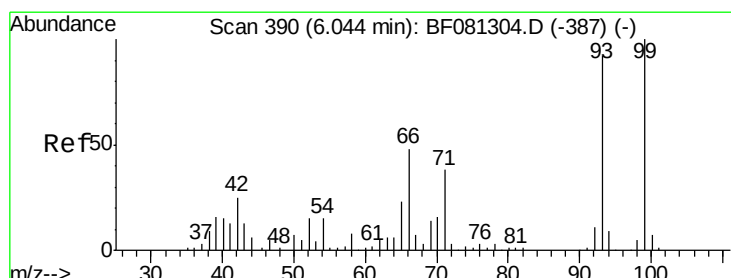
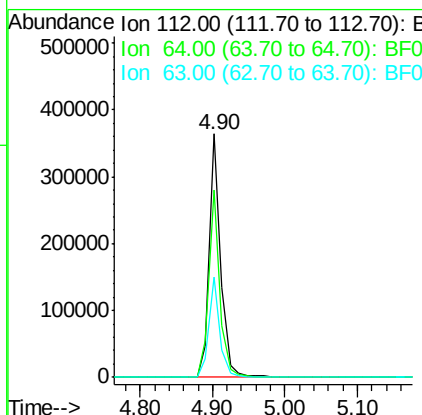
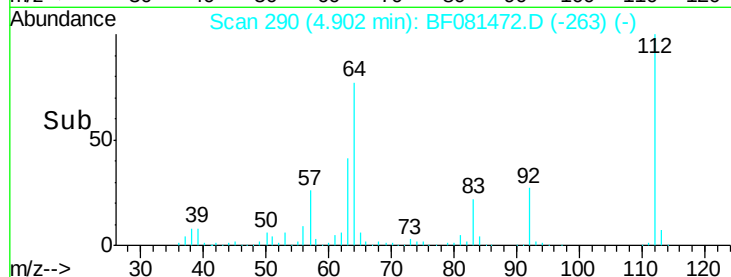
MGP2240BR-23-25MS



Tgt Ion:	112	Resp:	399082
Ion Ratio	Lower	Upper	
112	100		
64	77.1	39.7	59.5#
63	41.0	17.4	26.0#

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#6

Aniline

Concen: 33.20 ng

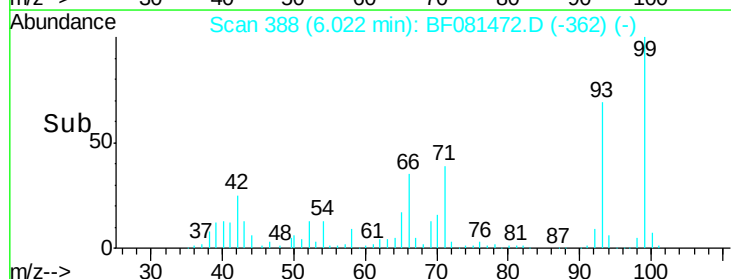
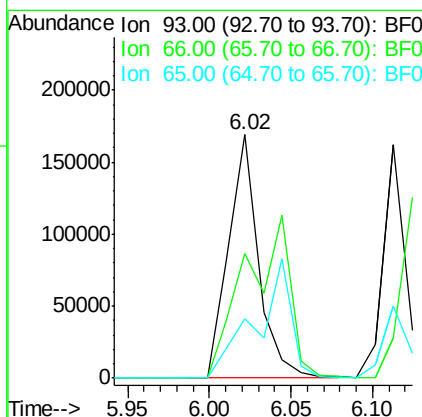
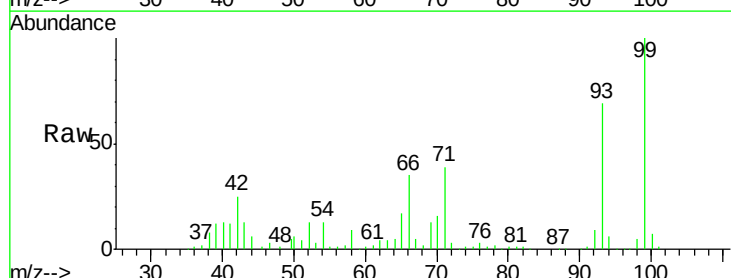
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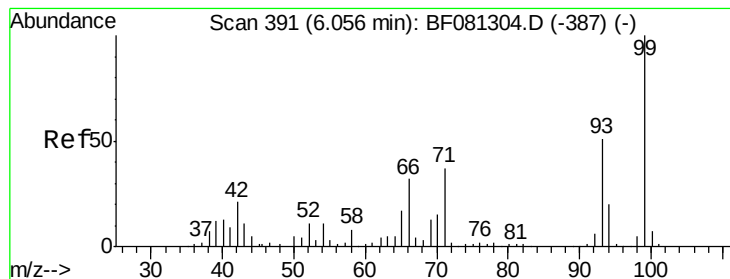
Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:	93	Resp:	213914
Ion Ratio	Lower	Upper	
93	100		
66	51.2	27.2	40.8#
65	24.2	14.7	22.1#





#7

Phenol-d6

Concen: 119.55 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081472.D

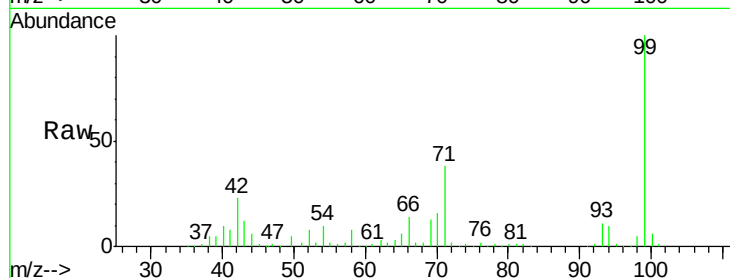
Acq: 5 Sep 2015 18:54

Instrument :

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MGP2240BR-23-25MS



Tgt Ion: 99 Resp: 545454

Ion Ratio Lower Upper

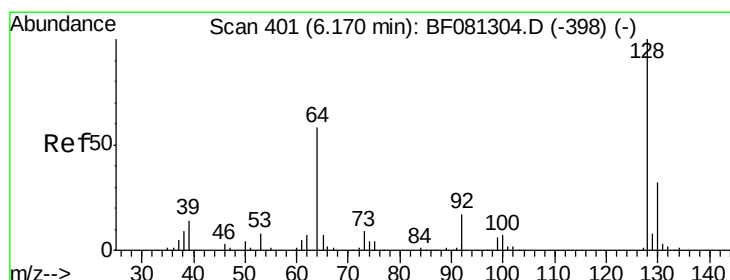
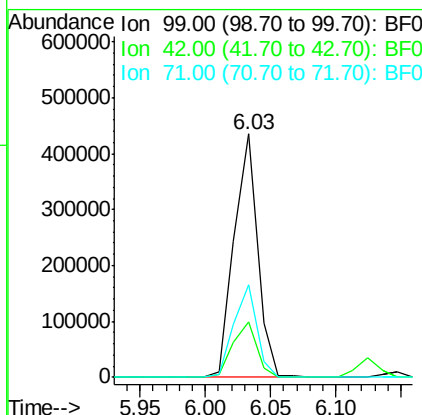
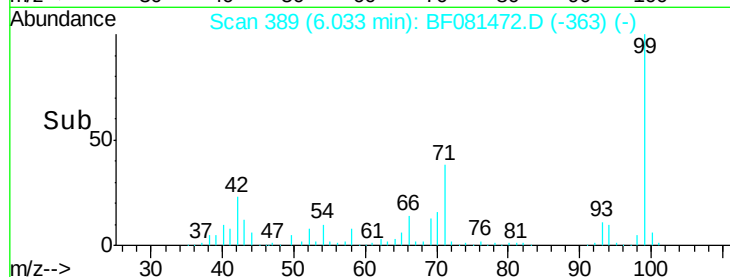
99 100

42 22.6 13.7 20.5#

71 38.2 14.2 21.2#

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#8

2-Chlorophenol

Concen: 42.47 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

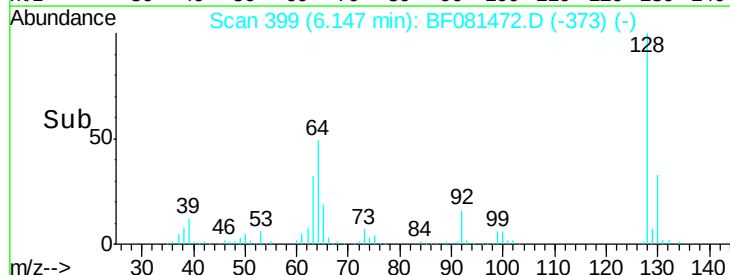
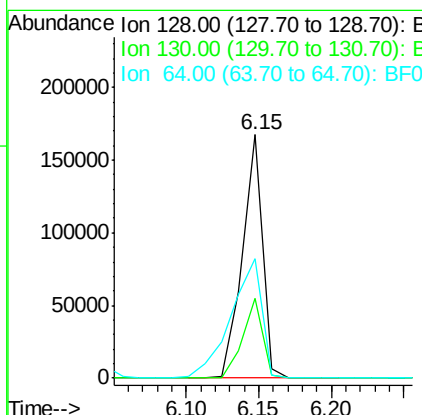
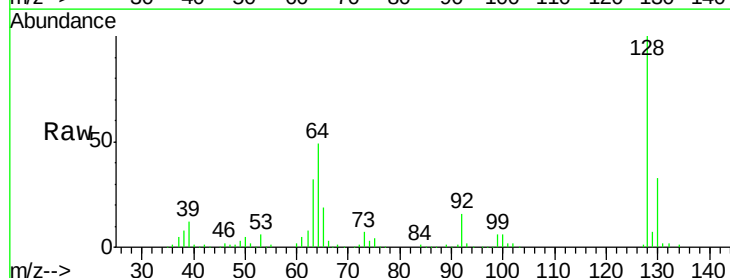
Tgt Ion: 128 Resp: 161320

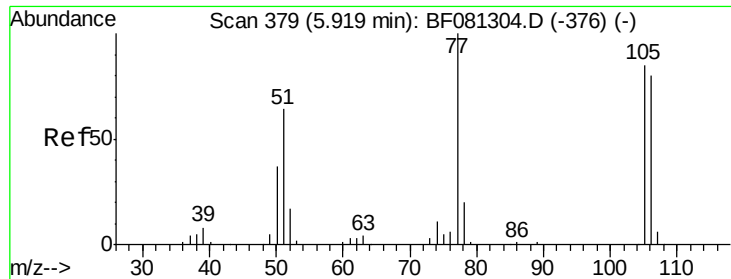
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 49.3 20.5 60.5





#9

Benzaldehyde

Concen: 5.80 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

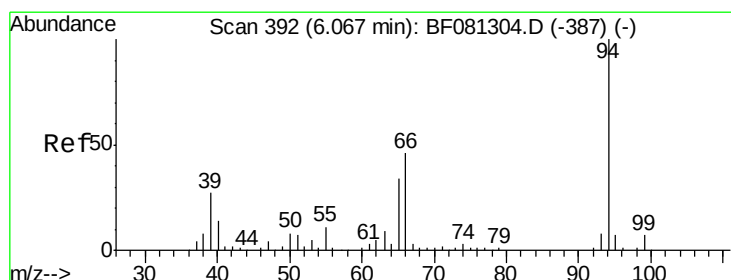
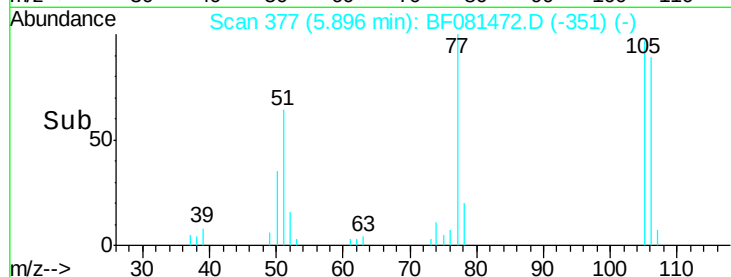
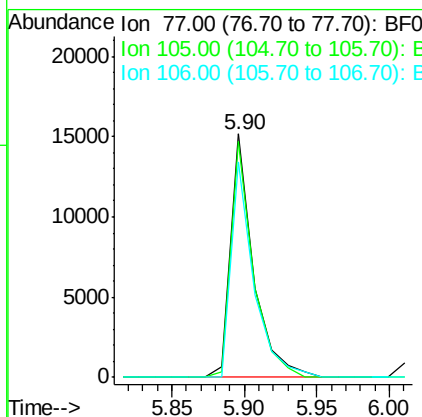
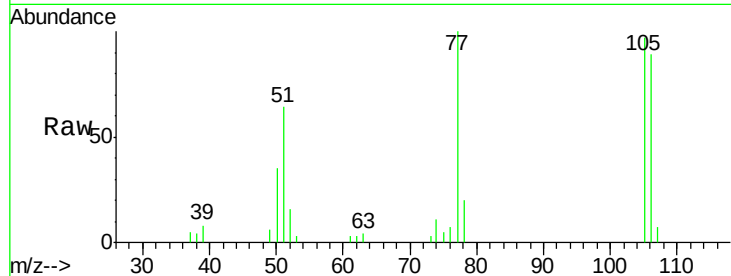
MGP2240BR-23-25MS

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Tgt Ion:	77	Resp:	16579
Ion	Ratio	Lower	Upper
77	100		
105	97.0	91.6	131.6
106	88.7	102.6	142.6#



#10

Phenol

Concen: 40.91 ng

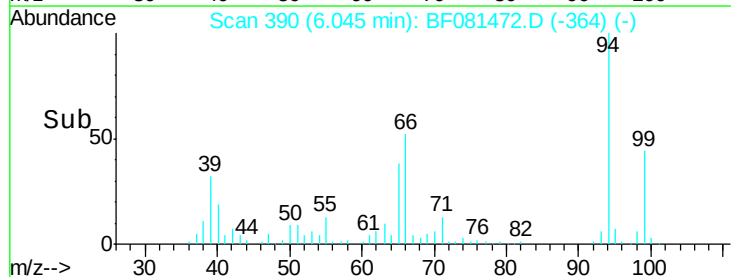
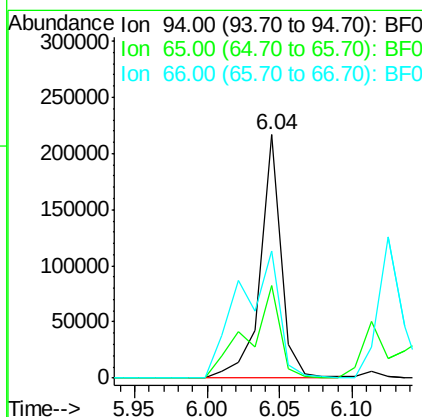
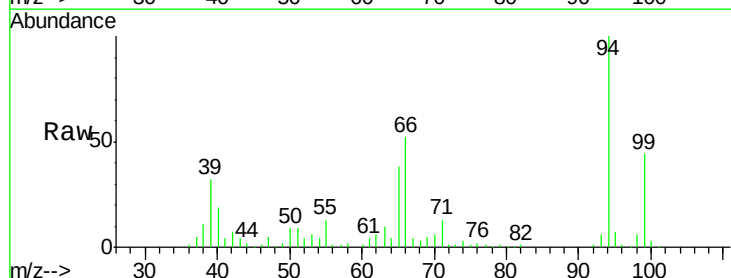
RT: 6.04 min Scan# 390

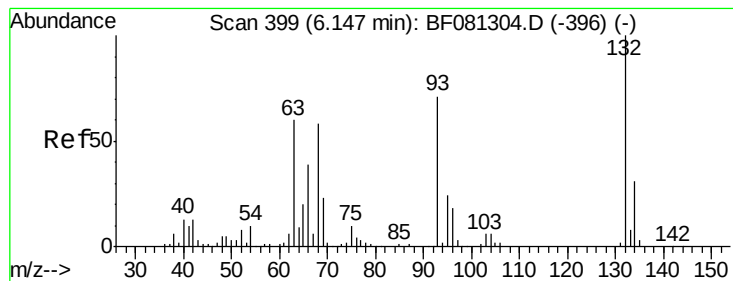
Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:	94	Resp:	216466
Ion	Ratio	Lower	Upper
94	100		
65	38.1	0.7	40.7
66	52.1	0.8	40.8#





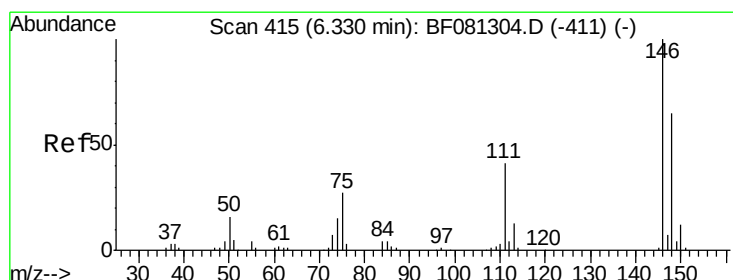
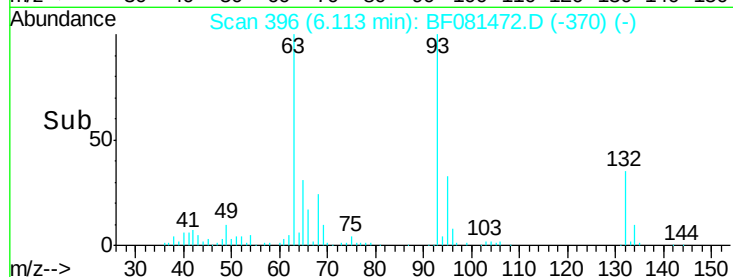
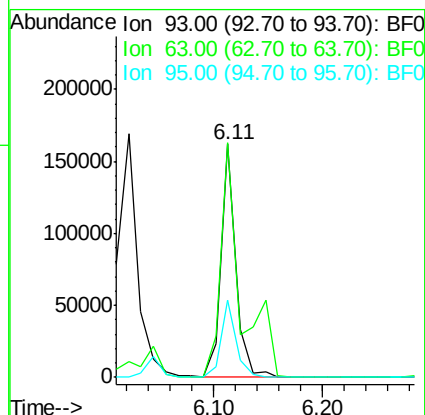
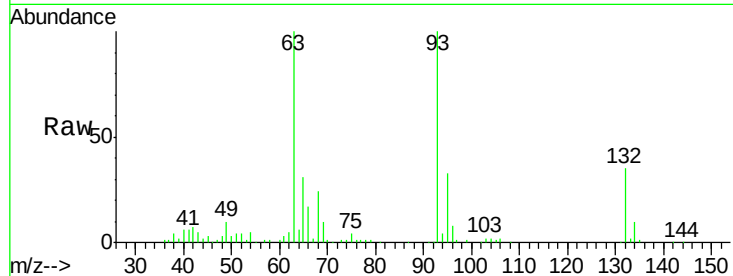
#11
 bis(2-Chloroethyl)ether
 Concen: 40.61 ng
 RT: 6.11 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155028		
63	100.4	65.6	105.6	
95	32.9	13.6	53.6	

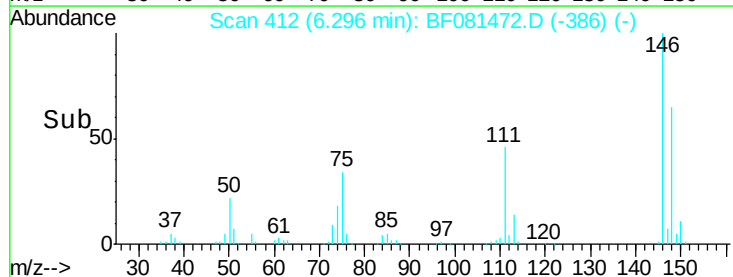
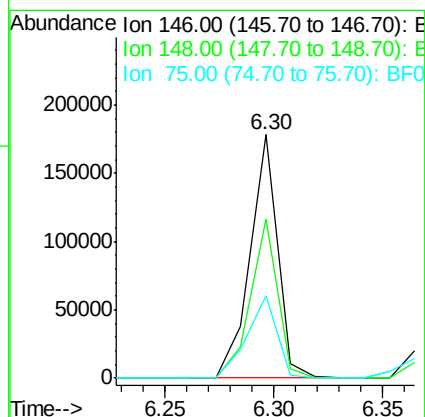
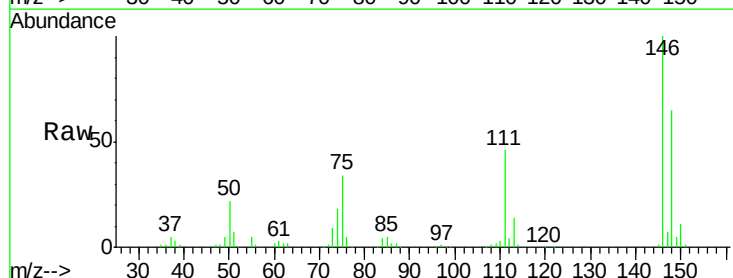
Manual Integrations
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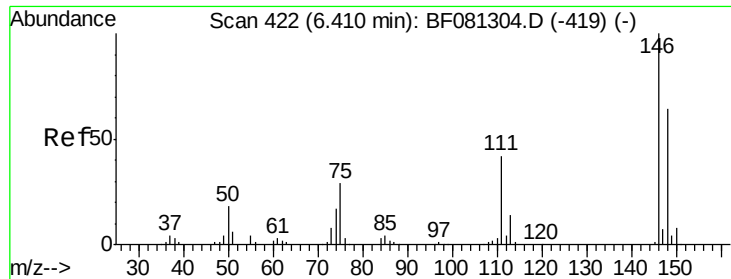
MMDadoda
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#12
 1,3-Dichlorobenzene
 Concen: 38.47 ng
 RT: 6.30 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156143		
148	65.2	51.0	76.4	
75	33.6	15.0	22.6#	





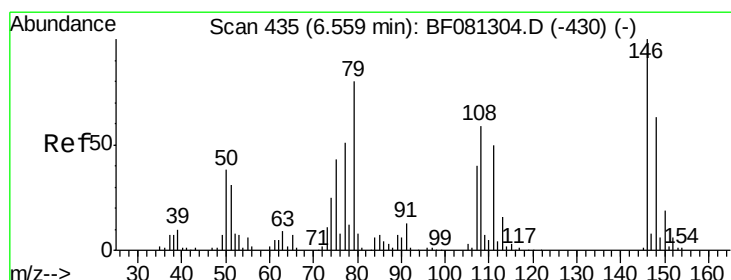
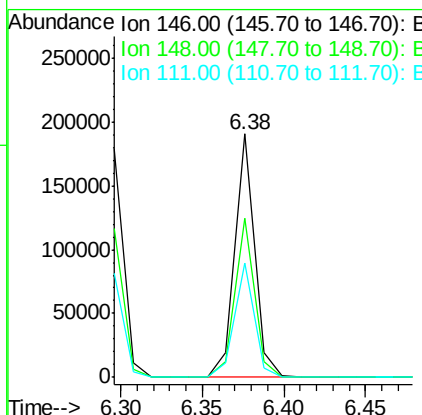
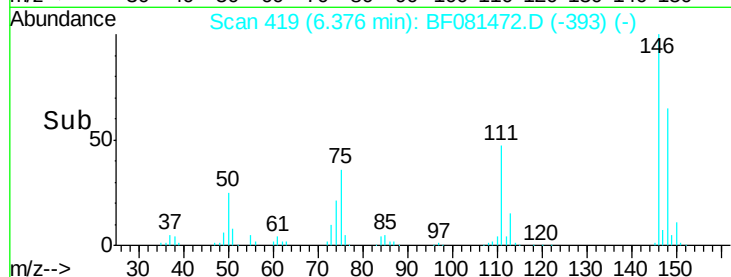
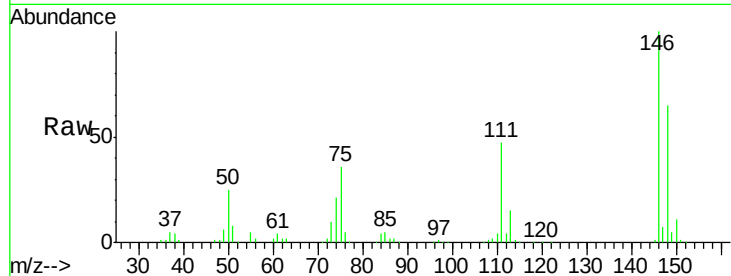
#13
 1,4-Dichlorobenzene
 Concen: 38.27 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158157		
148	65.1	51.8	77.6	
111	46.9	24.9	37.3#	

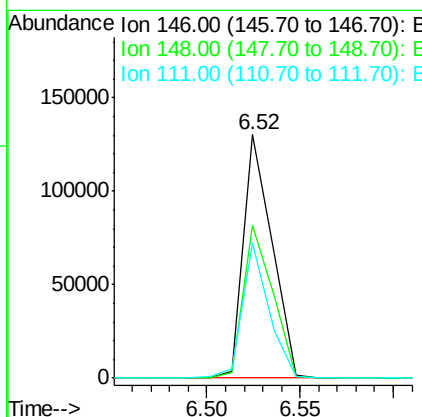
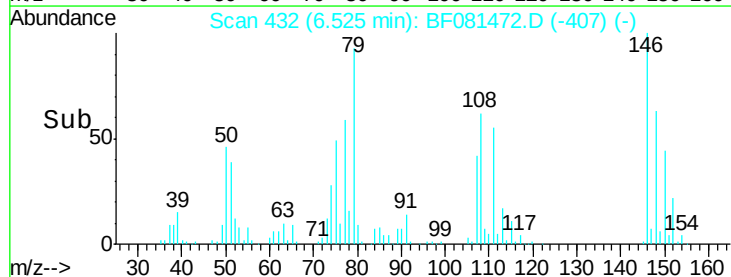
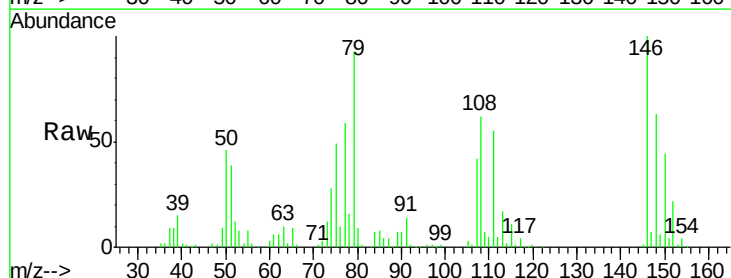
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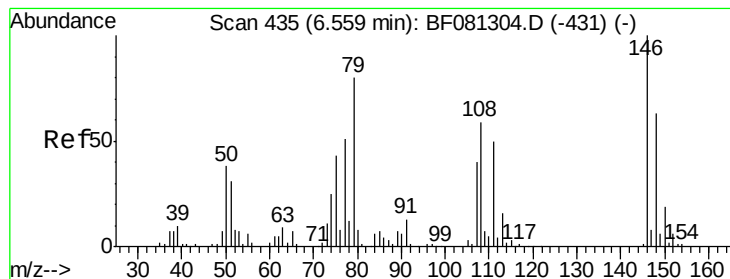
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 37.26 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	138638		
148	62.6	52.7	79.1	
111	55.3	28.8	43.2#	





#15

Benzyl Alcohol

Concen: 40.32 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MS

Tgt Ion: 79 Resp: 150902
Ion Ratio Lower Upper

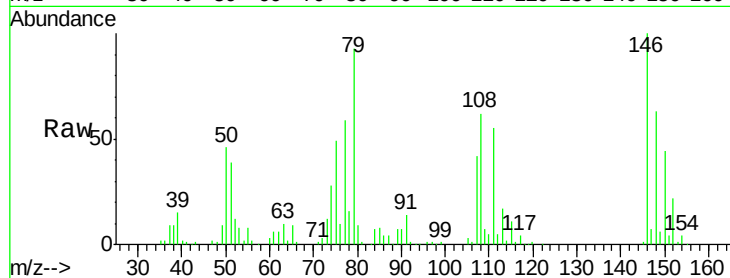
79 100

108 66.3 88.6 132.8#

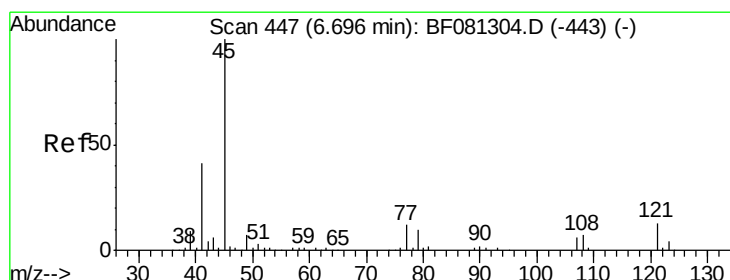
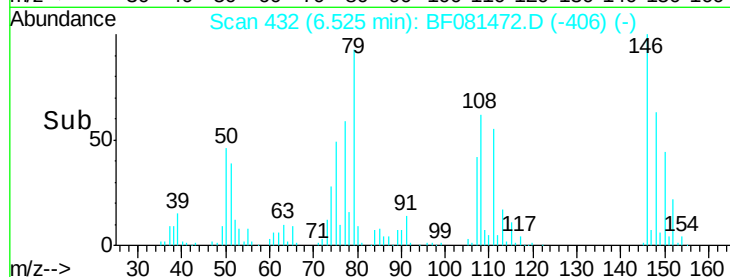
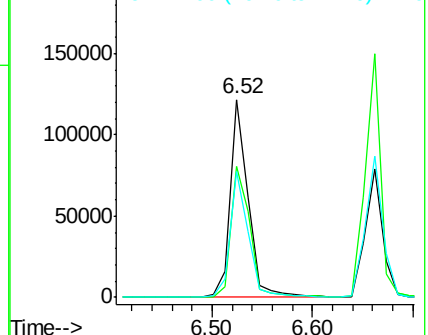
77 63.5 47.0 70.4

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.43 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081472.D

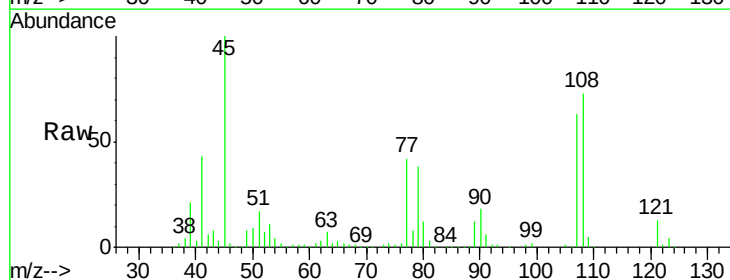
Acq: 5 Sep 2015 18:54

Tgt Ion: 45 Resp: 317806
Ion Ratio Lower Upper

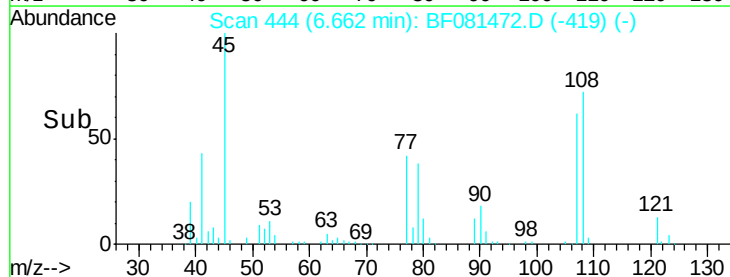
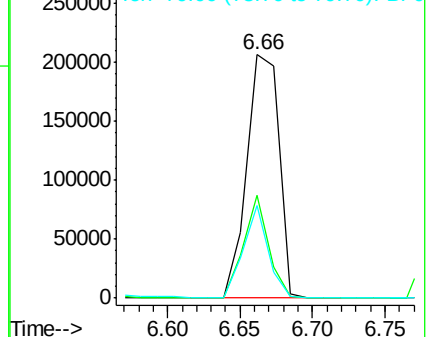
45 100

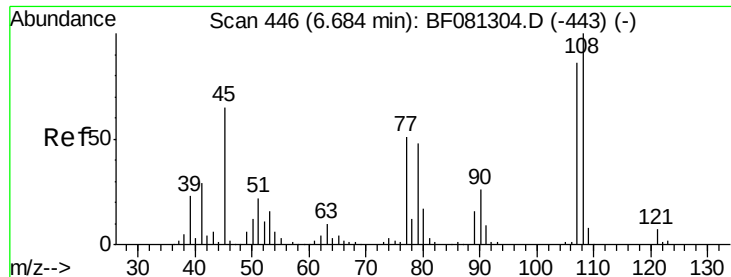
77 42.1 0.0 28.1#

79 38.2 0.0 26.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





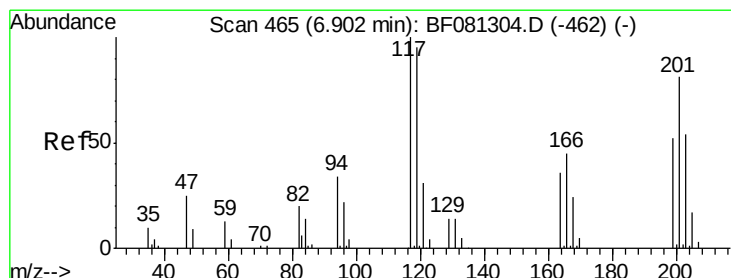
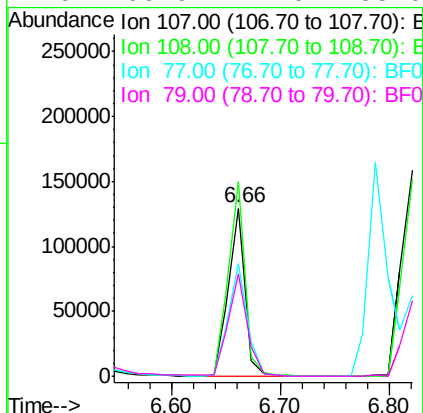
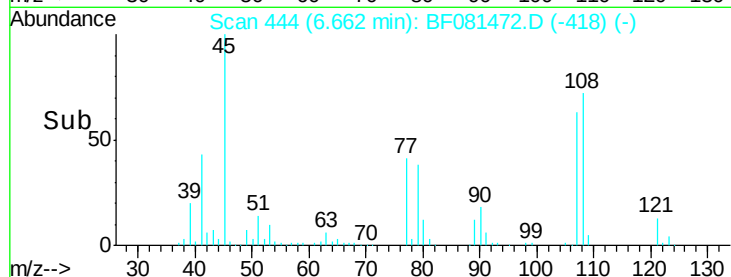
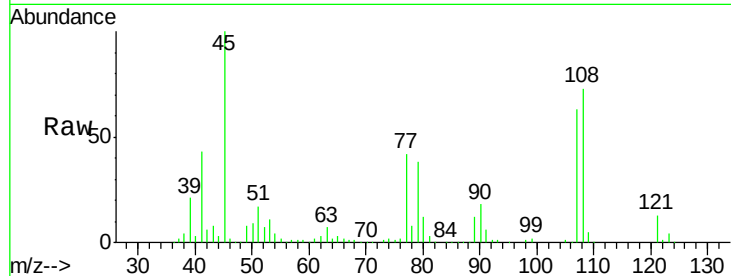
#17
2-Methylphenol
Concen: 45.09 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.9	96.6	145.0
77	67.3	23.3	34.9
79	60.9	22.0	33.0

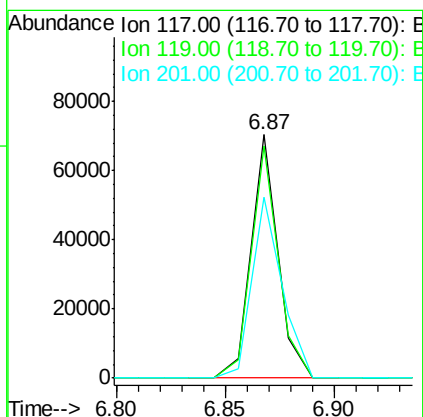
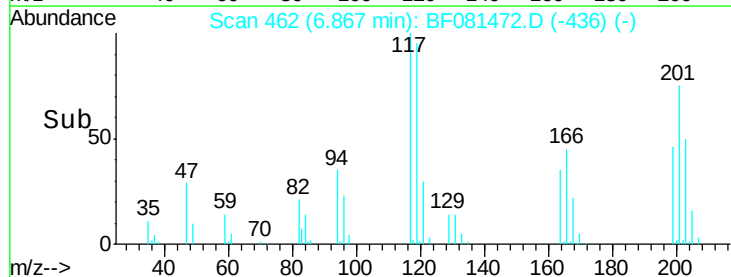
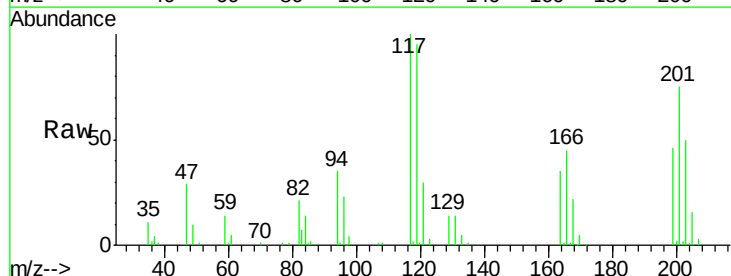
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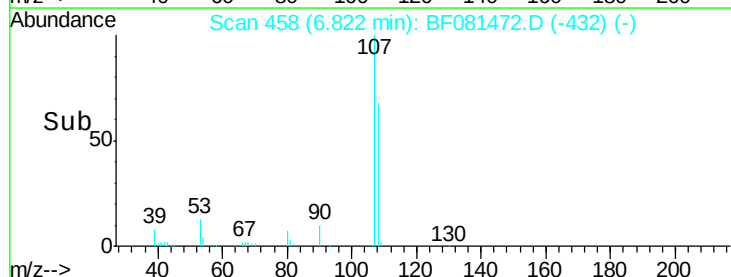
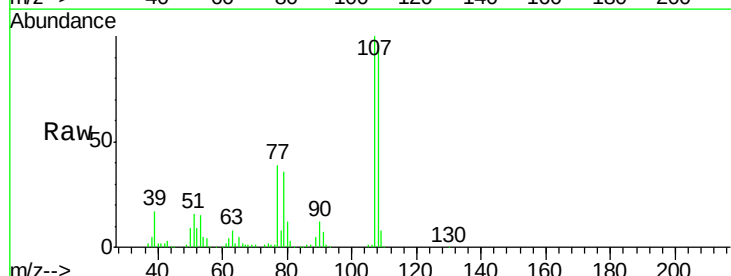
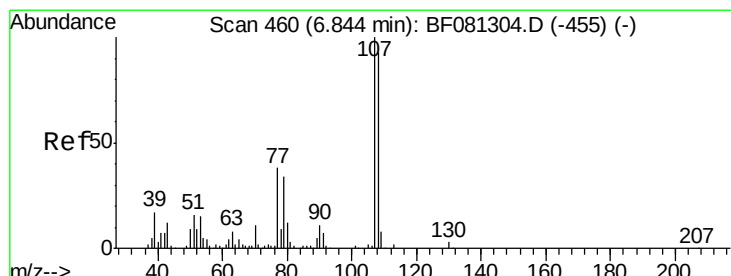
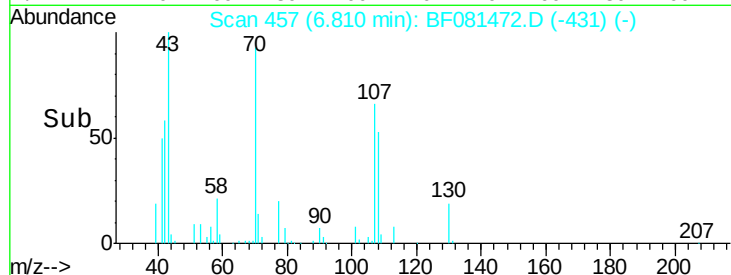
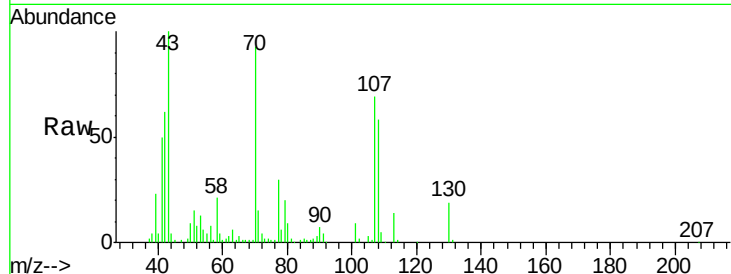
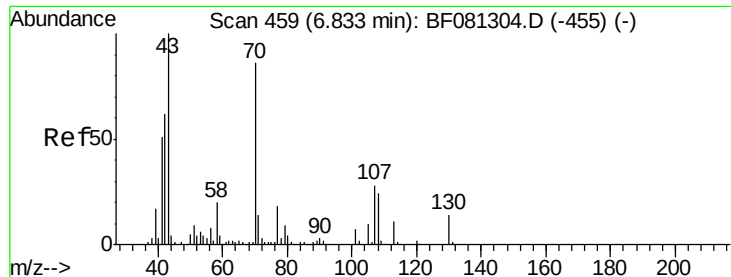
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#18
Hexachloroethane
Concen: 37.47 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.4	83.8	125.6
201	74.5	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.58 ng

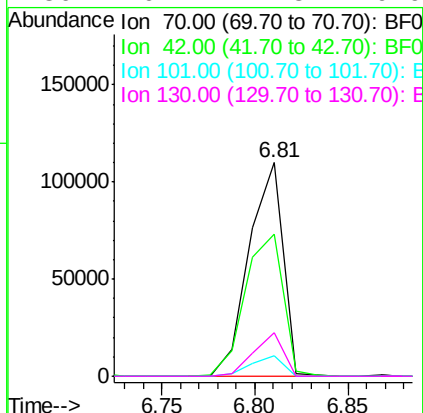
RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		138431		
42	66.5	63.8	95.6		
101	9.5	9.2	13.8		
130	20.1	27.3	40.9#		



Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

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#20

3+4-Methylphenols

Concen: 44.51 ng

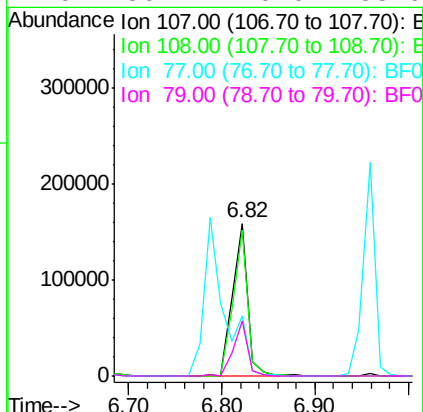
RT: 6.82 min Scan# 458

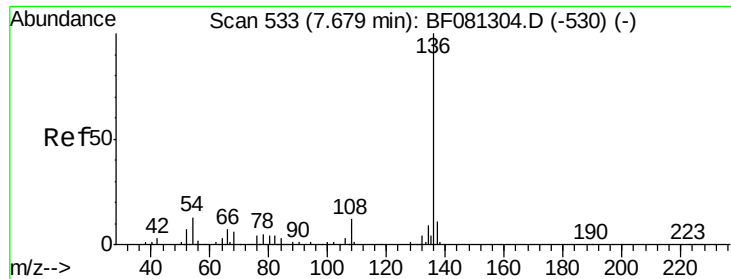
Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		181875		
108	95.5	74.6	114.6		
77	39.1	0.7	40.7		
79	36.4	0.0	38.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

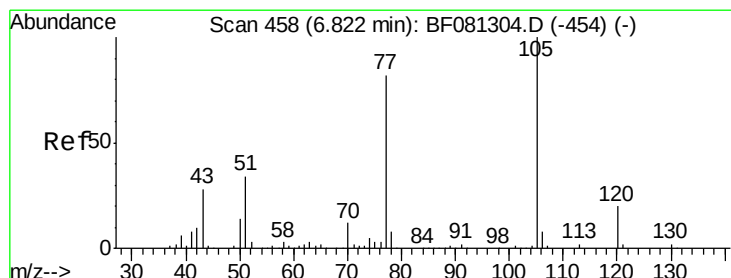
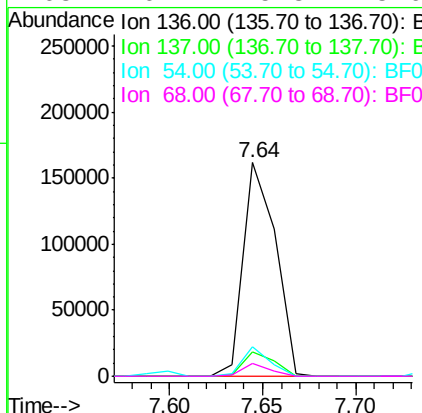
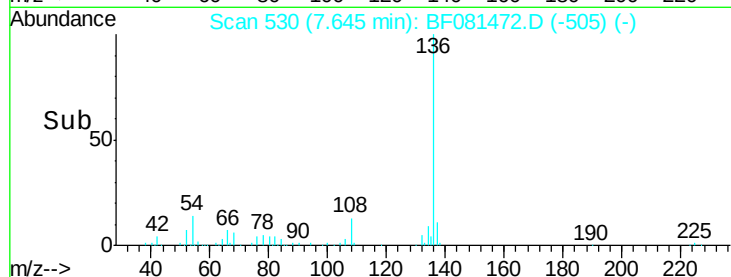
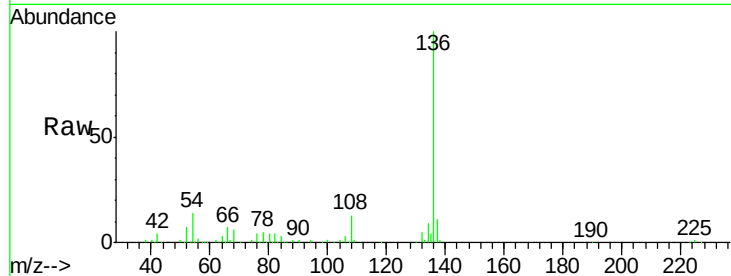
MGP2240BR-23-25MS

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	194812		
137	11.1	9.0	13.6	
54	14.0	8.2	12.2	
68	6.2	5.8	8.6	



#22

Acetophenone

Concen: 44.52 ng

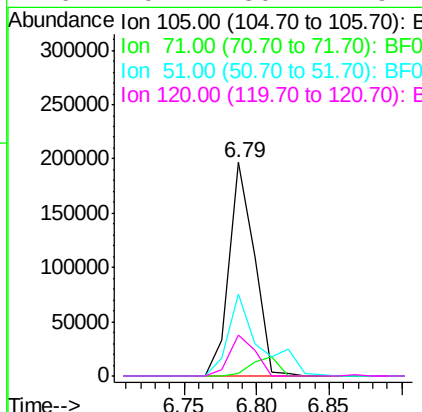
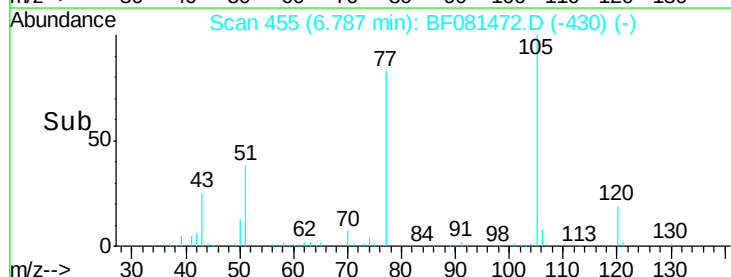
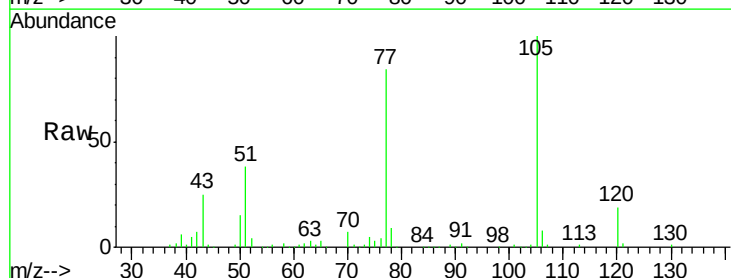
RT: 6.79 min Scan# 455

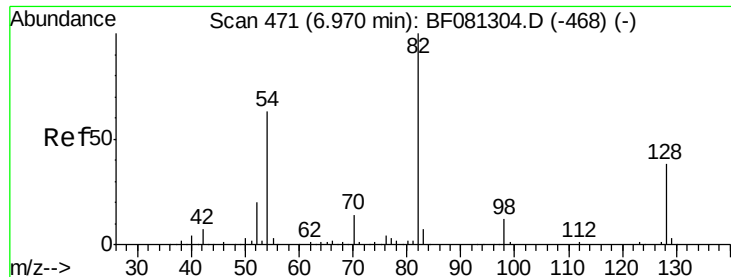
Delta R.T. -0.01 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236918		
71	1.2	4.7	7.1	
51	38.2	22.0	33.0	
120	19.2	30.1	45.1	





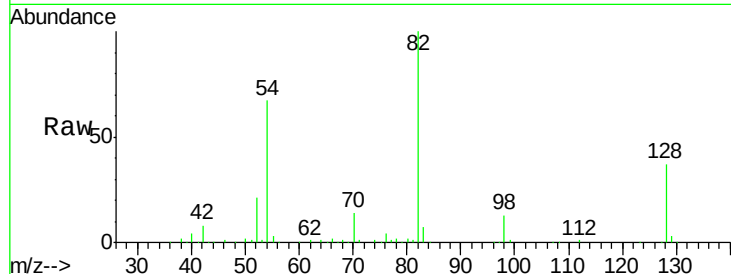
#23
 Nitrobenzene-d5
 Concen: 87.81 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

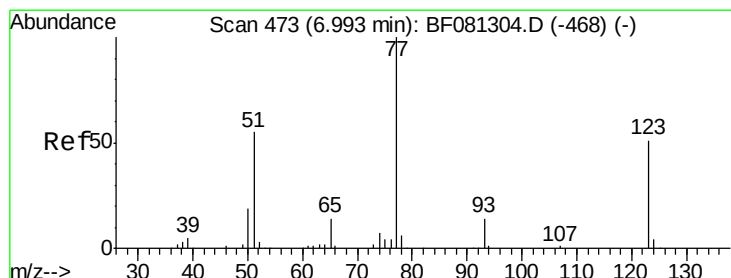
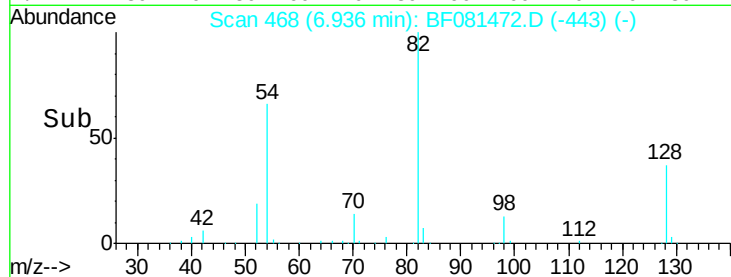
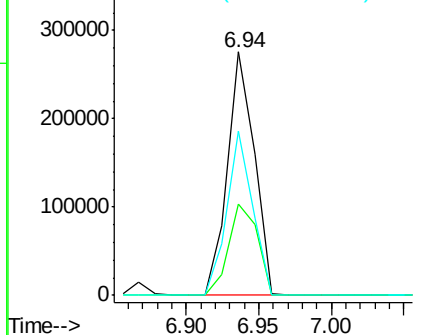
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	354555		
128	37.3	51.0	76.6#	
54	67.2	47.5	71.3	

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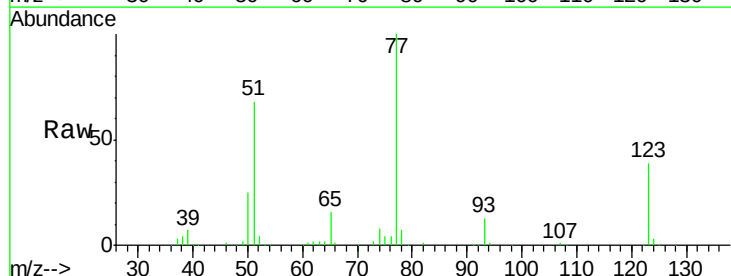


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

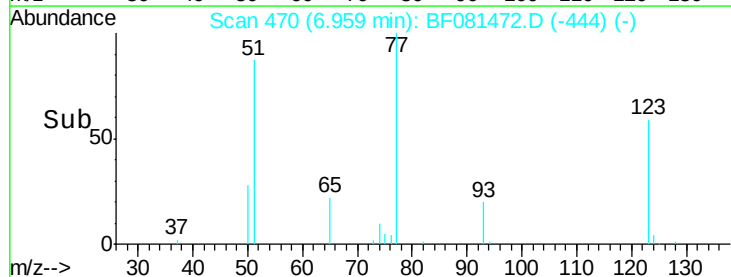
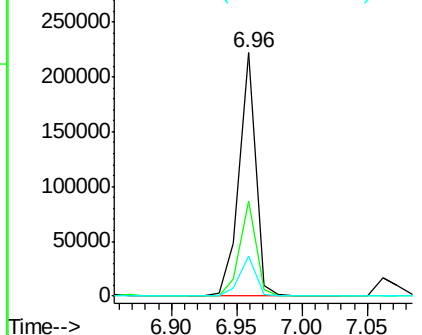


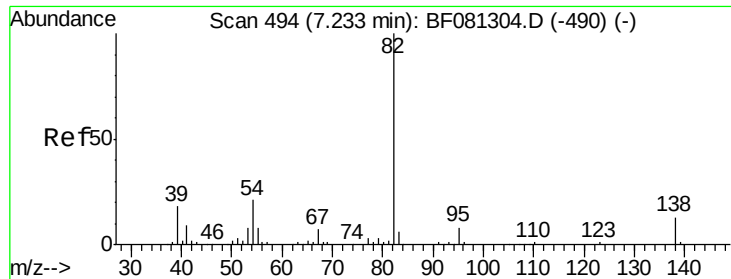
#24
 Nitrobenzene
 Concen: 46.75 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	196020		
123	39.3	59.8	89.8#	
65	16.3	10.2	15.4#	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.58 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MS

Tgt Ion: 82 Resp: 342358
Ion Ratio Lower Upper

82 100

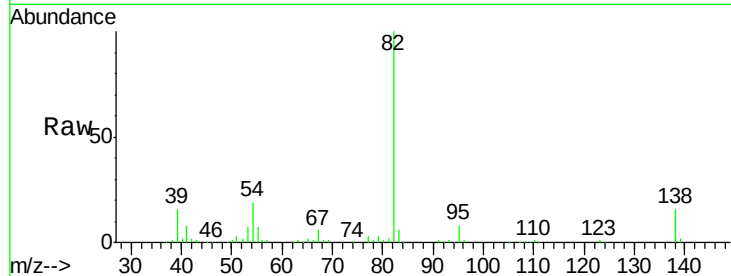
95 8.0 4.0 6.0#

138 16.1 18.3 27.5#

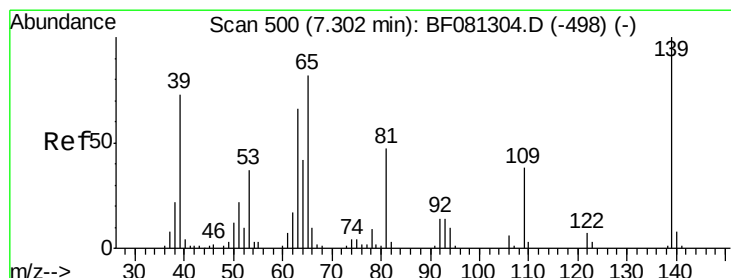
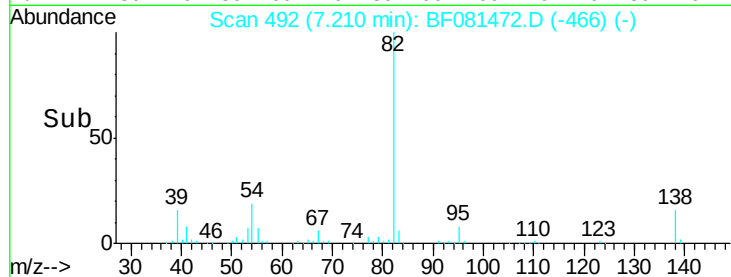
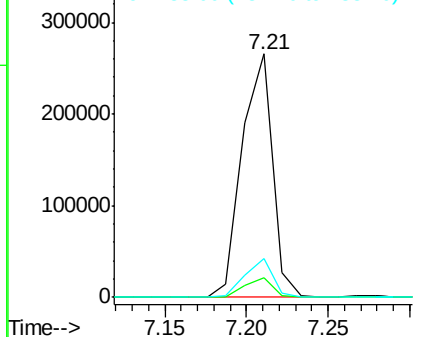
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.66 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081472.D

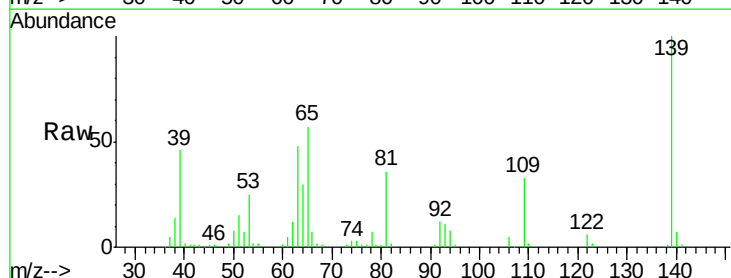
Acq: 5 Sep 2015 18:54

Tgt Ion: 139 Resp: 85281
Ion Ratio Lower Upper

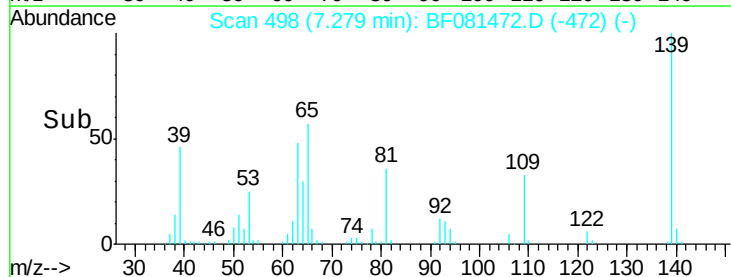
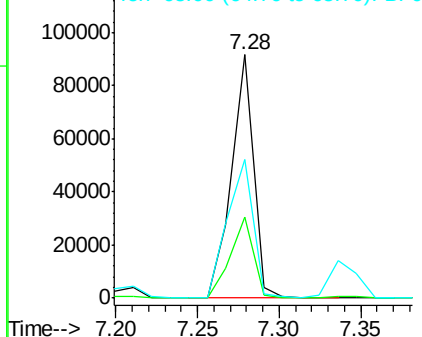
139 100

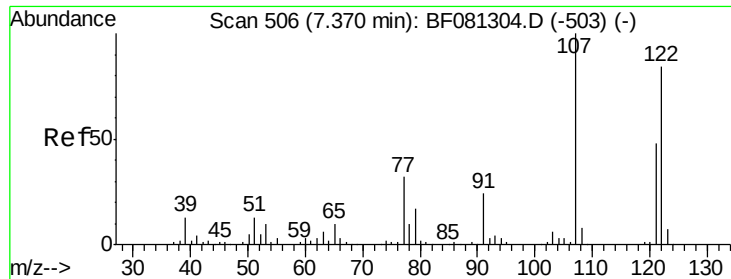
109 33.4 11.0 16.4#

65 56.8 24.7 37.1#



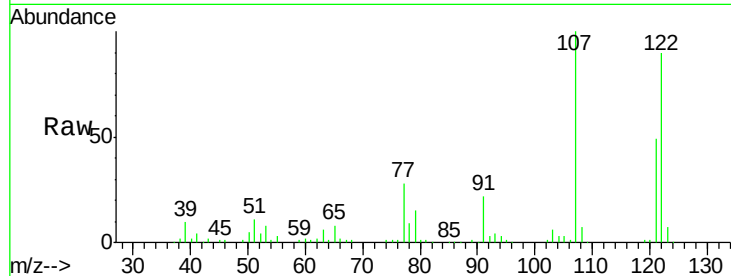
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27
 2,4-Dimethylphenol
 Concen: 44.82 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

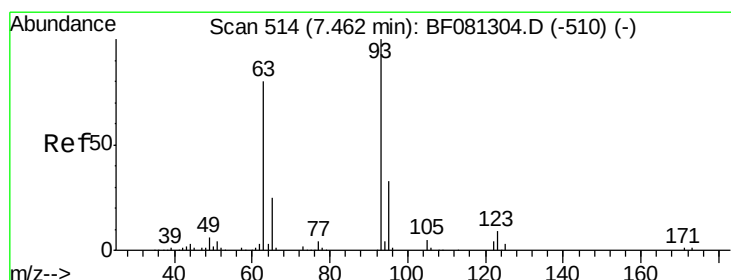
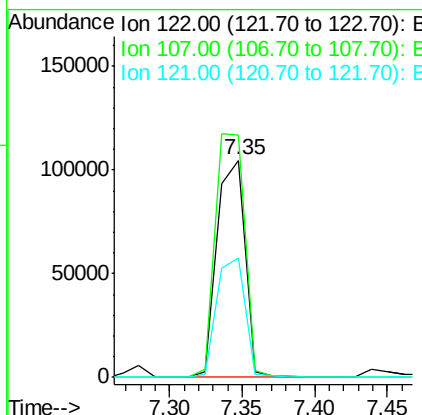
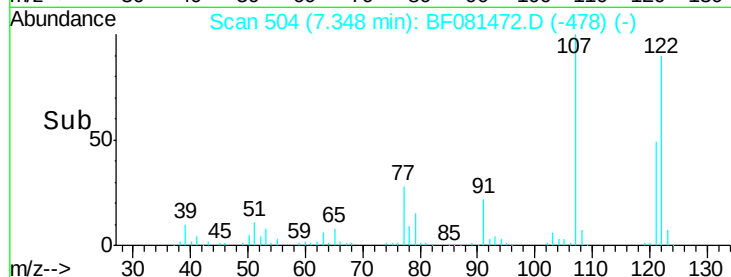
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	141487		
107	111.6	71.8	107.6#	
121	54.9	42.3	63.5	

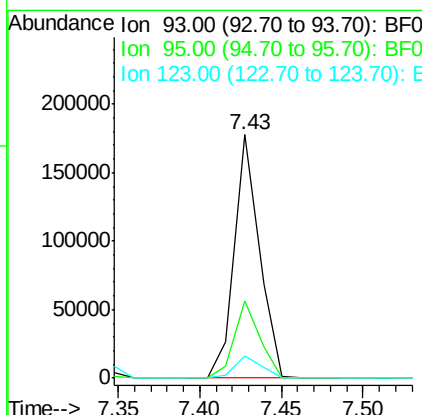
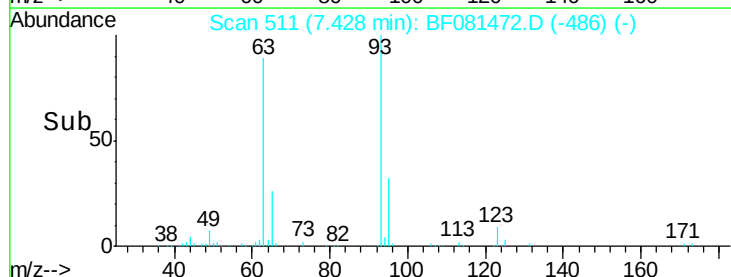
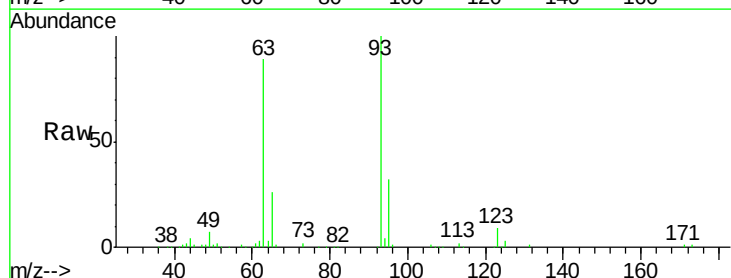
Manual Integrations
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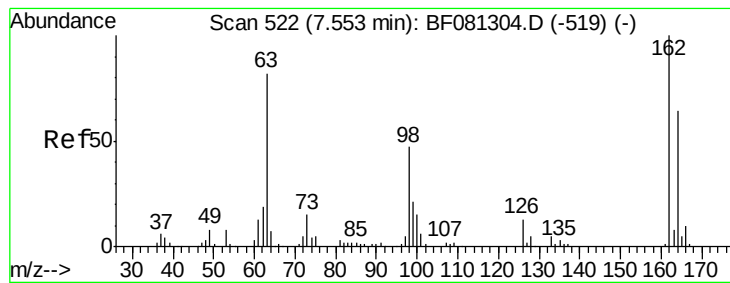
MMDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.31 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	187884		
95	31.9	27.5	41.3	
123	9.0	13.7	20.5#	





#29

2,4-Dichlorophenol

Concen: 48.25 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

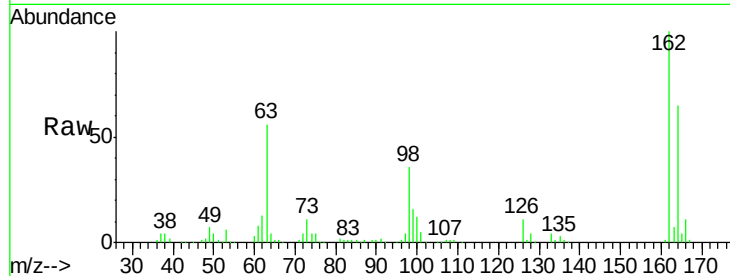
ClientSampleId :

MGP2240BR-23-25MS

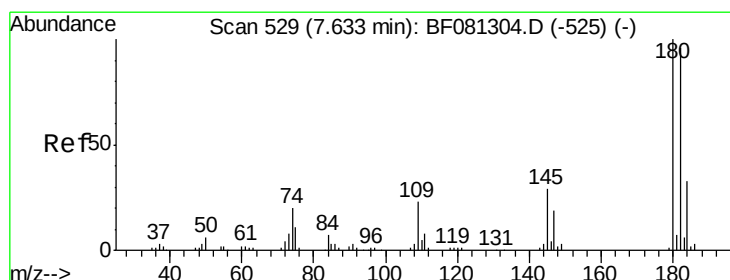
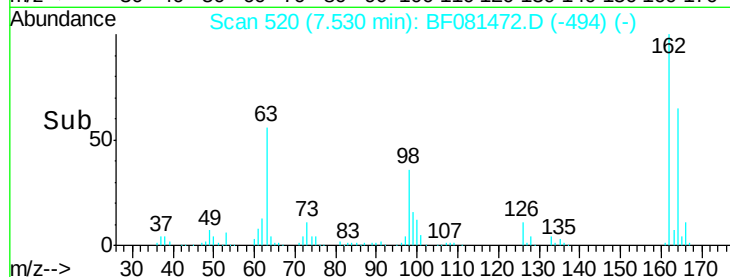
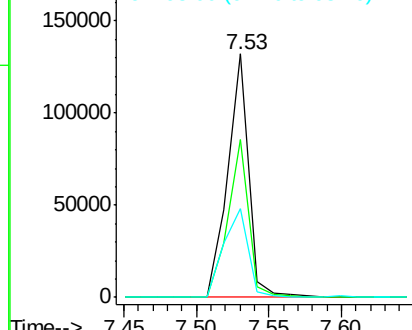
Tgt Ion:	162	Resp:	132081
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.9	84.9
98	36.4	13.0	53.0

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



#30

1,2,4-Trichlorobenzene

Concen: 46.10 ng

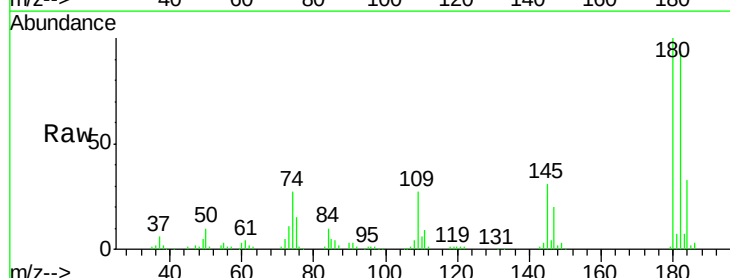
RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

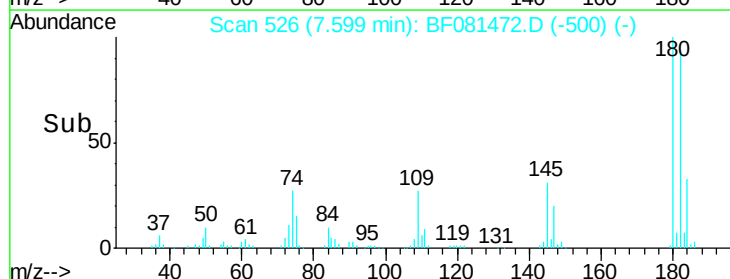
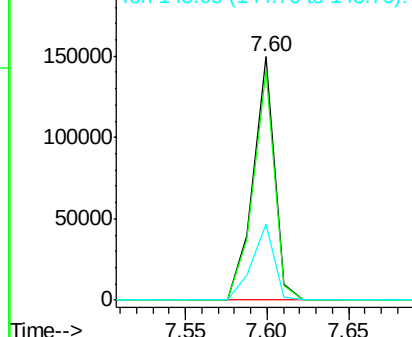
Lab File: BF081472.D

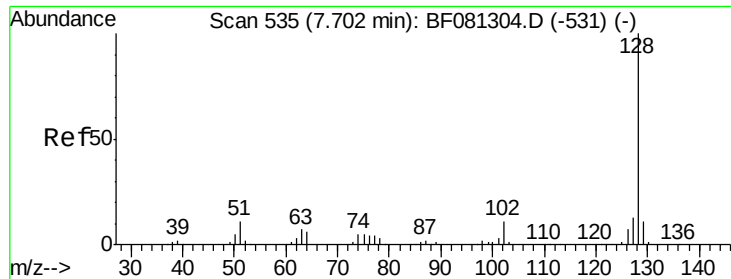
Acq: 5 Sep 2015 18:54

Tgt Ion:	180	Resp:	137081
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.1	115.7
145	31.2	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





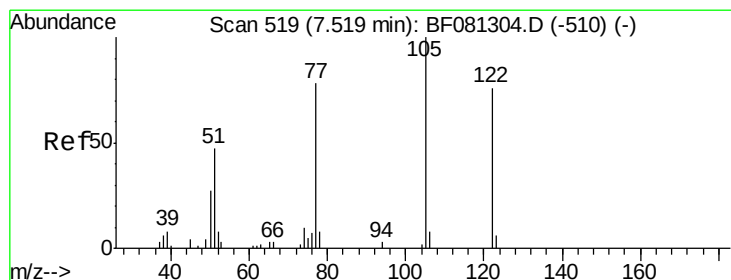
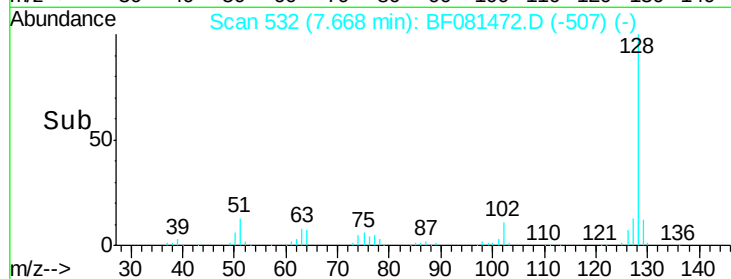
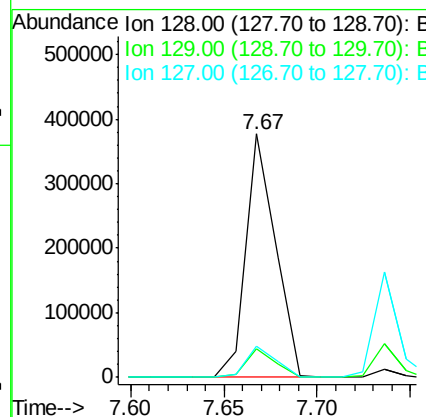
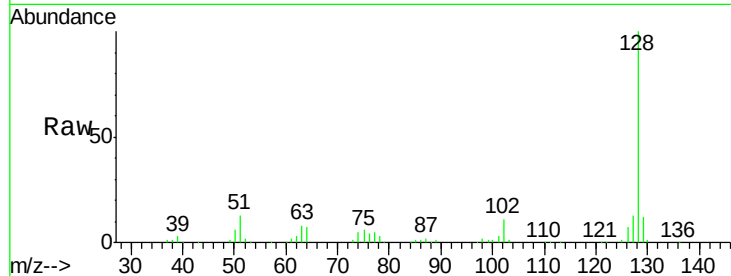
#31
Naphthalene
Concen: 39.92 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	414797		
129	11.6	8.4	12.6	
127	13.0	9.9	14.9	

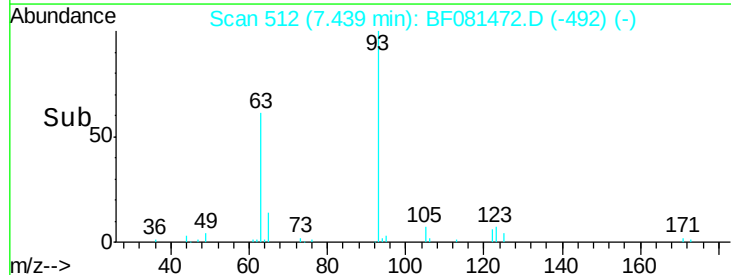
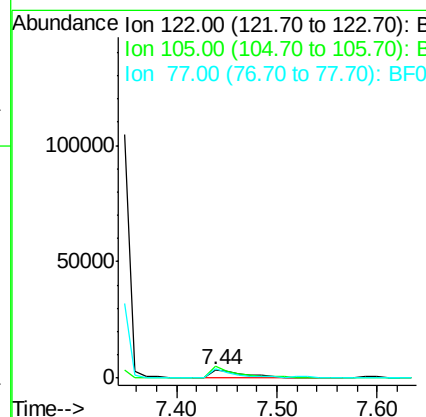
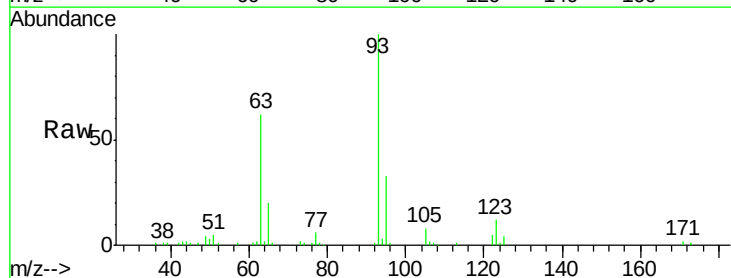
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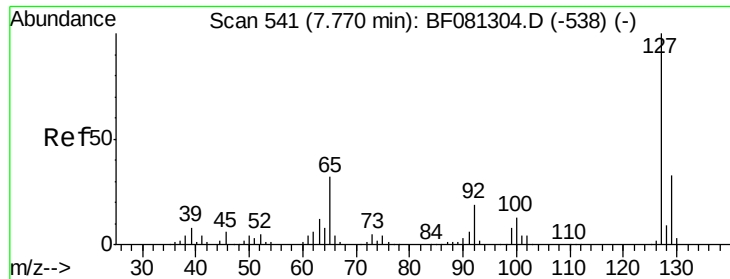
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#32
Benzoic acid
Concen: 6.01 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8248		
105	141.6	76.1	116.1#	
77	117.4	40.5	80.5#	





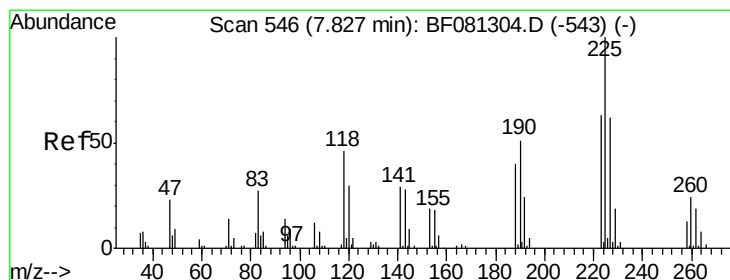
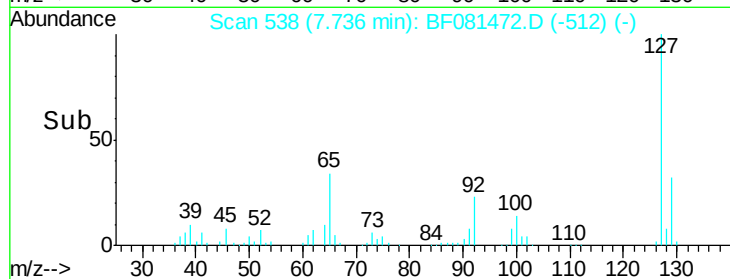
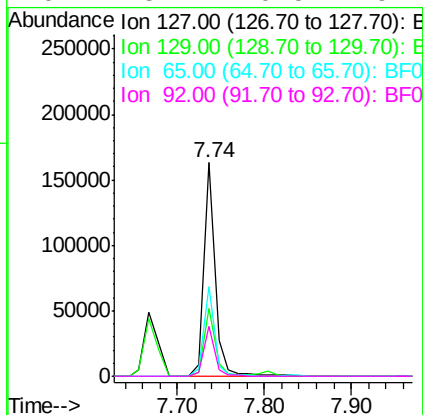
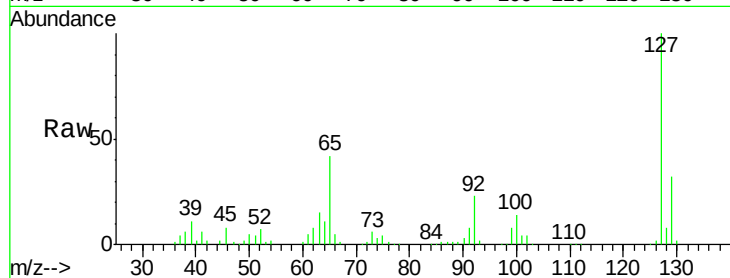
#33
4-Chloroaniline
Concen: 34.42 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	145844		
129	31.5	25.8	38.6	
65	42.0	17.9	26.9	
92	23.1	10.5	15.7	

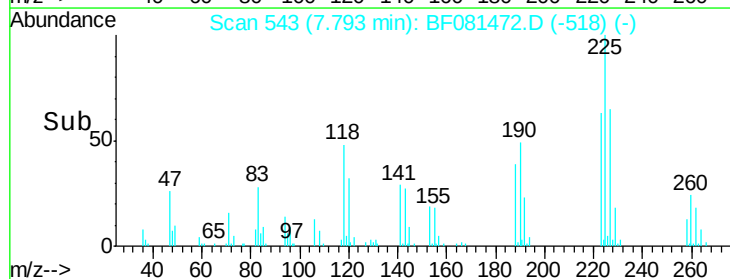
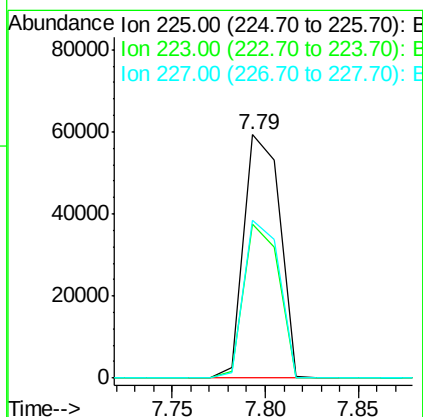
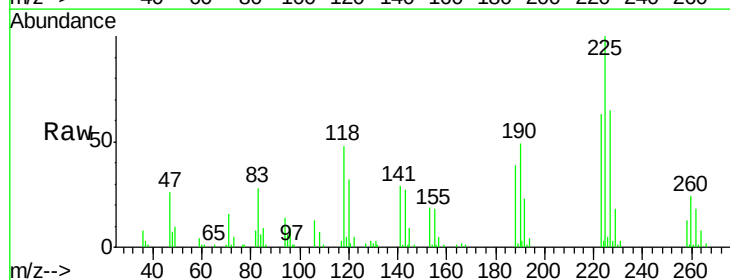
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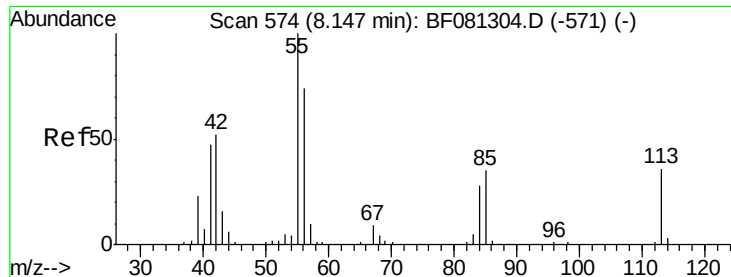
MMDadoda
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#34
Hexachlorobutadiene
Concen: 43.79 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79247		
223	63.5	50.2	75.2	
227	64.9	52.2	78.2	





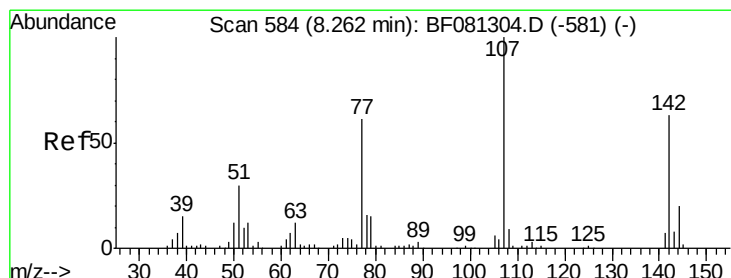
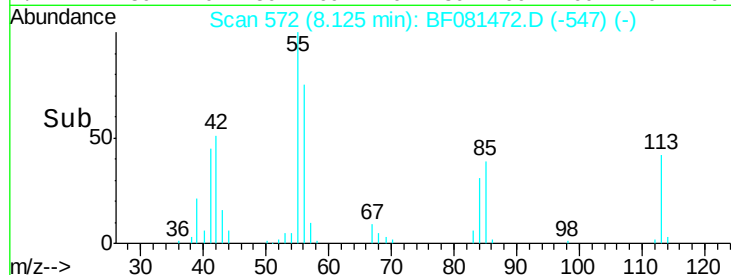
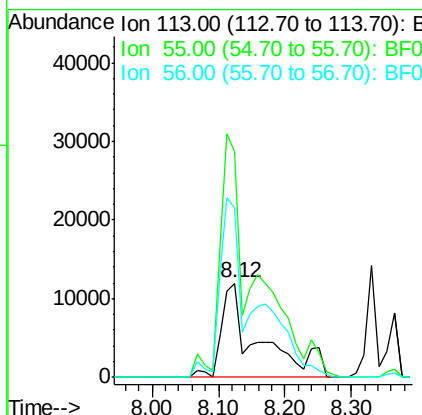
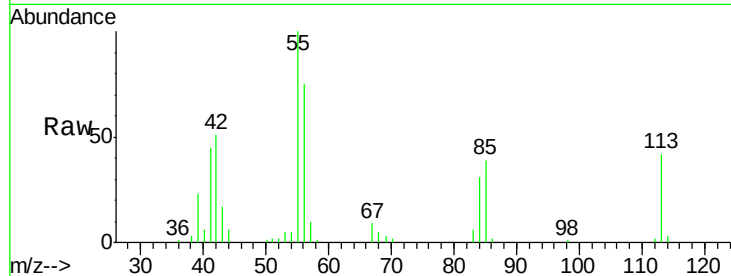
#35
 Caprolactam
 Concen: 54.91 ng m
 RT: 8.12 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	240.2	152.4	192.4#
56	180.0	104.6	144.6#

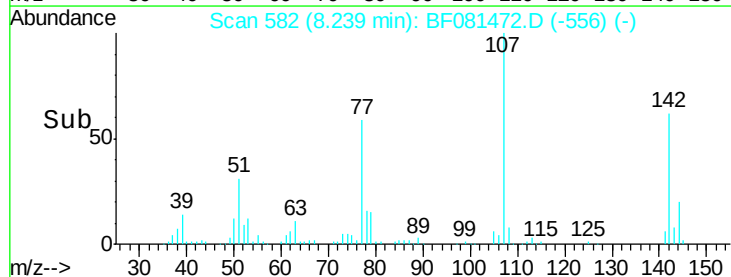
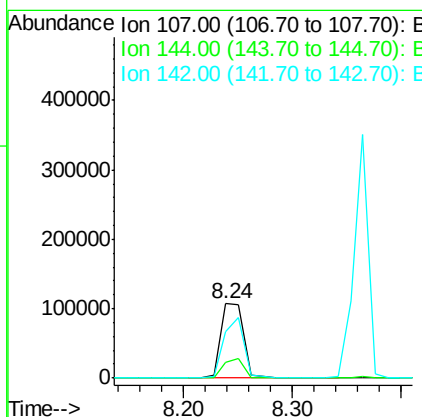
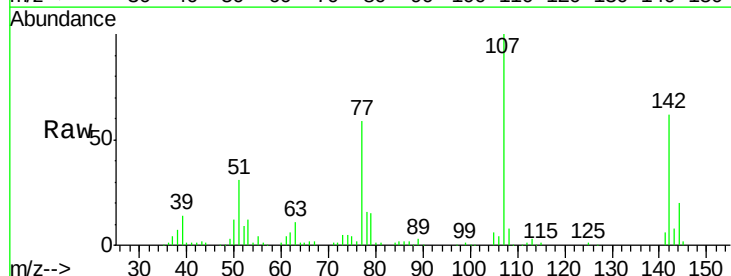
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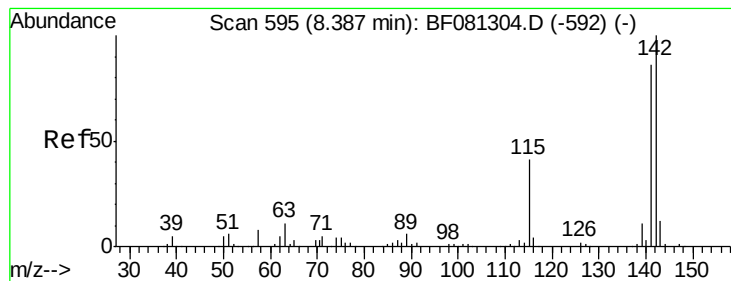
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#36
 4-Chloro-3-methylphenol
 Concen: 50.67 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.4	25.4	38.0#
142	62.5	77.3	115.9#





#37

2-Methylnaphthalene

Concen: 47.91 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF081472.D

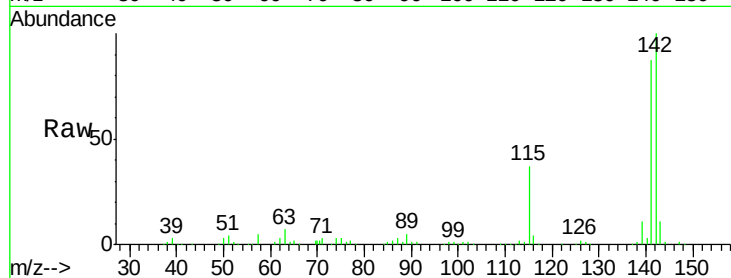
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MS



Tgt Ion:142 Resp: 323938

Ion Ratio Lower Upper

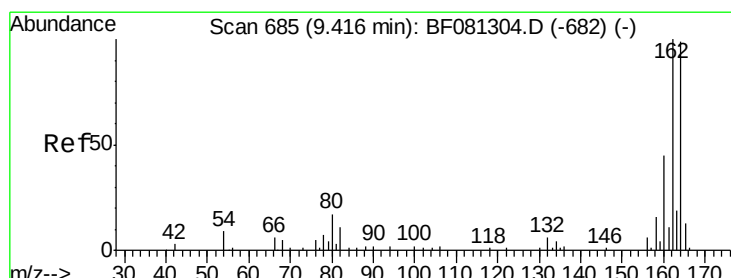
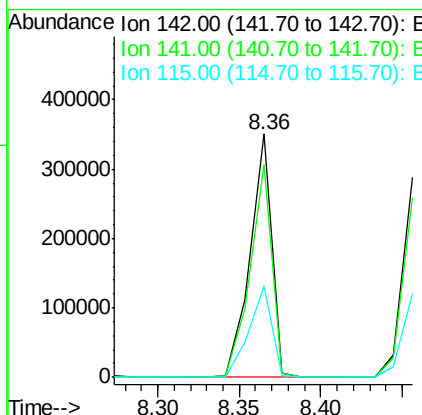
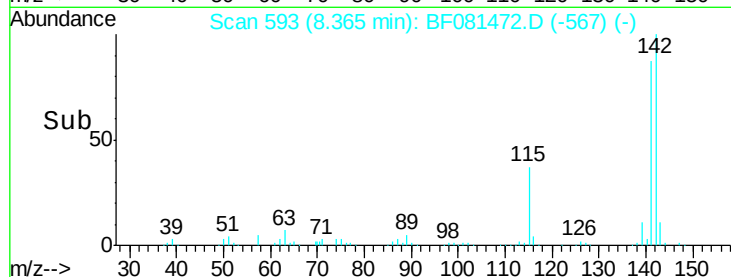
142 100

141 87.3 67.5 101.3

115 37.3 18.2 27.2#

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

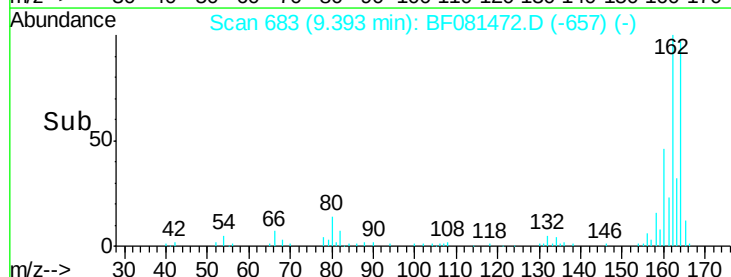
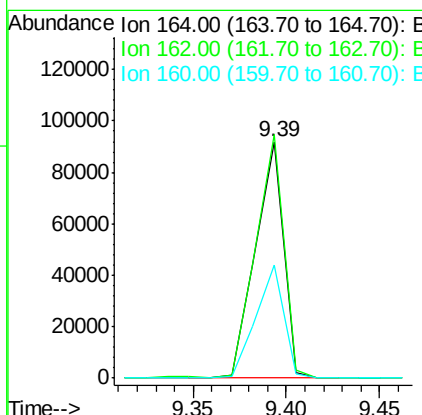
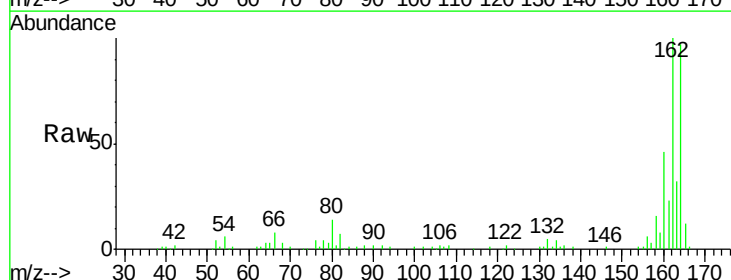
Tgt Ion:164 Resp: 95448

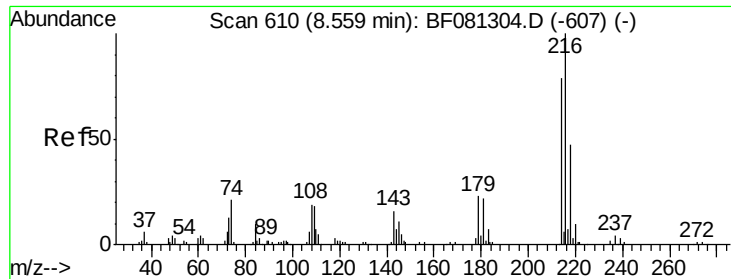
Ion Ratio Lower Upper

164 100

162 102.9 75.2 112.8

160 47.7 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.79 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF081472.D

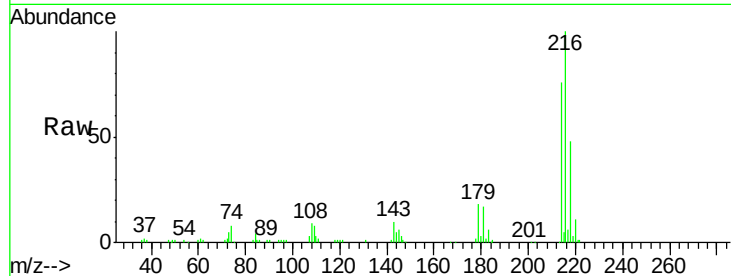
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

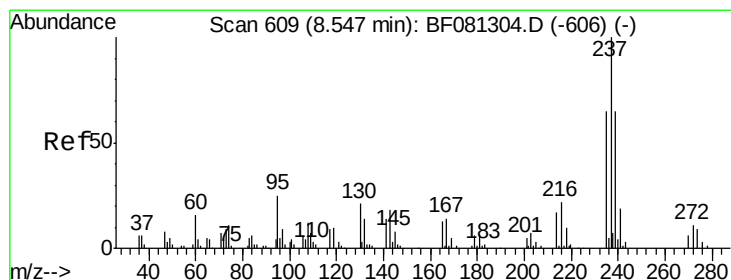
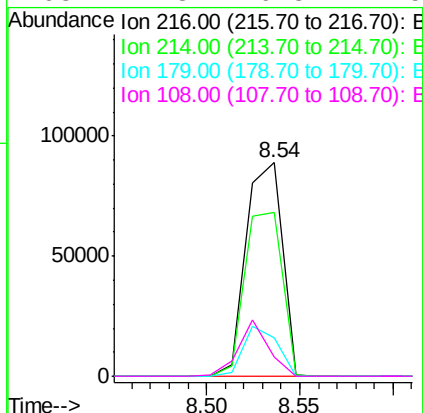
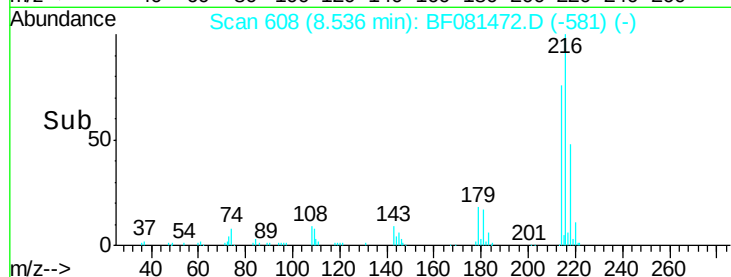
MGP2240BR-23-25MS



Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.6	63.5	95.3
179	21.9	16.6	24.8
108	21.8	16.3	24.5

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#40

Hexachlorocyclopentadiene

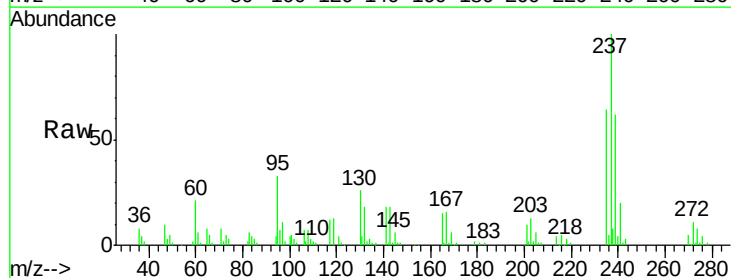
Concen: 81.96 ng

RT: 8.51 min Scan# 606

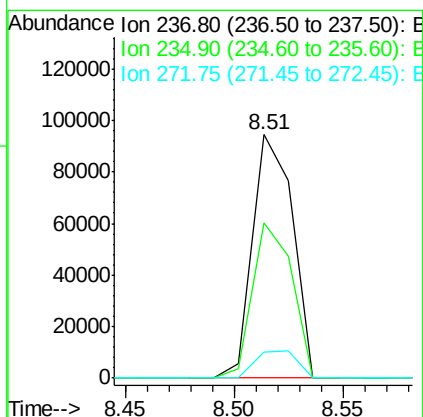
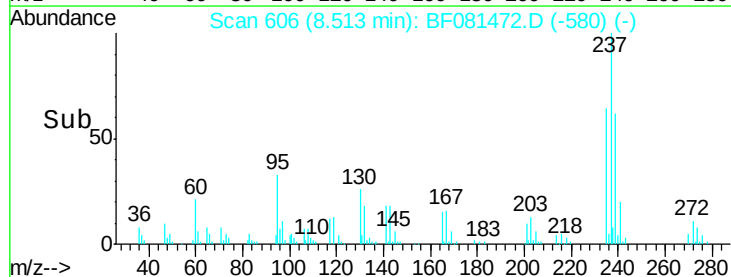
Delta R.T. 0.00 min

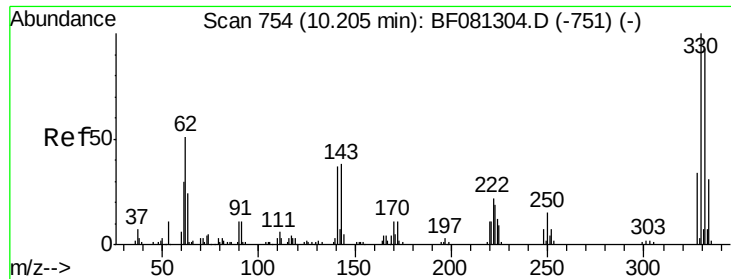
Lab File: BF081472.D

Acq: 5 Sep 2015 18:54



Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.9	42.0	82.0
272	10.5	0.0	36.1





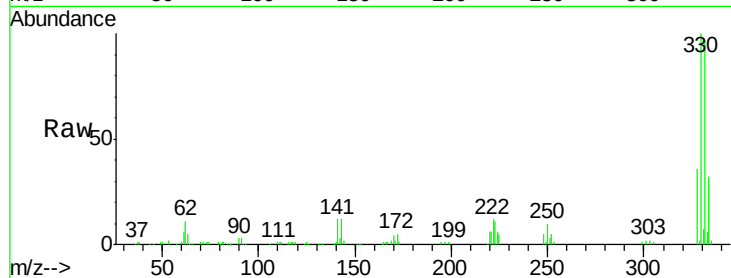
#41
 2,4,6-Tribromophenol
 Concen: 142.99 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

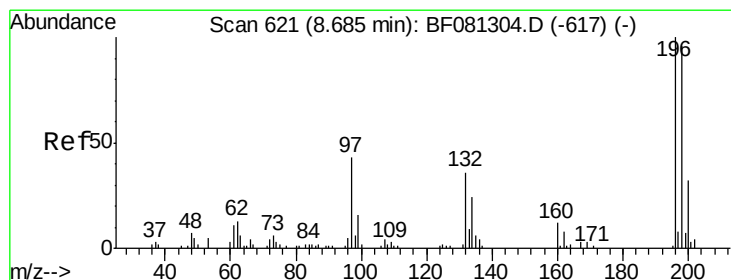
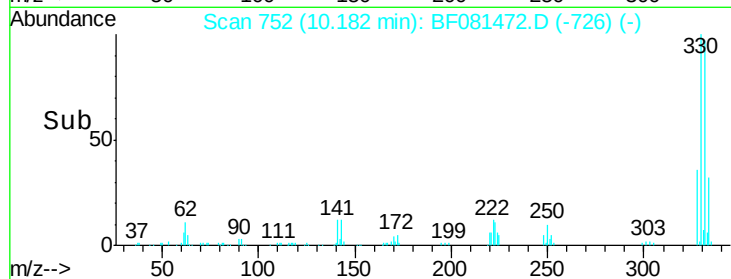
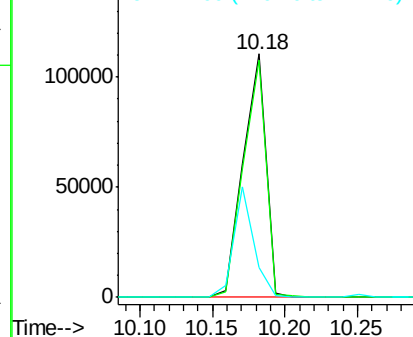
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	121527		
332	96.6	76.6	114.8	
141	39.5	29.7	44.5	

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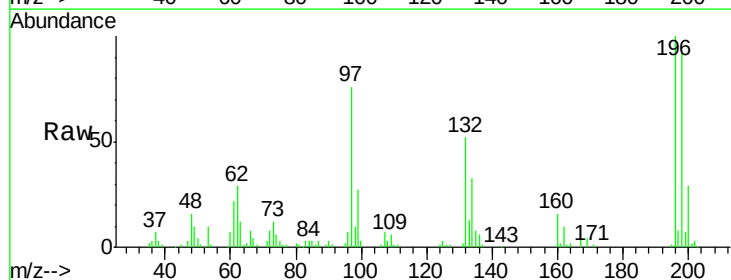


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

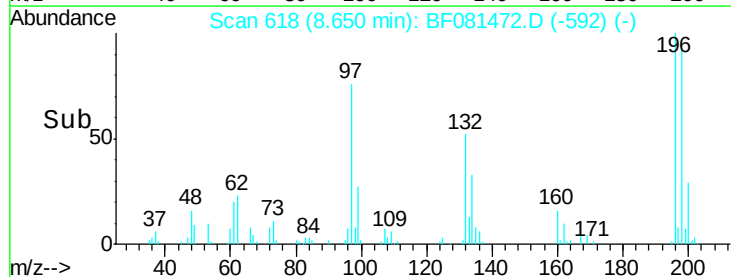
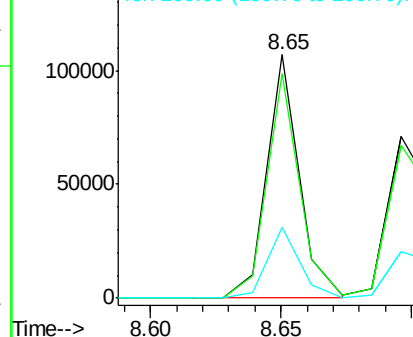


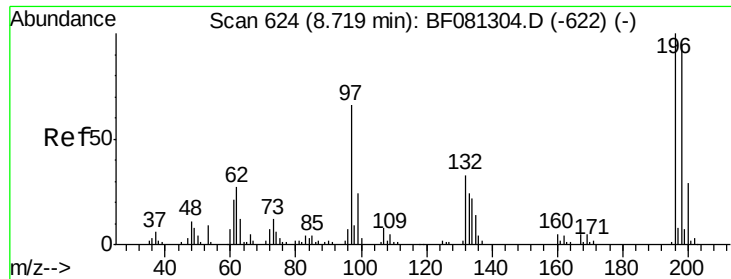
#42
 2,4,6-Trichlorophenol
 Concen: 44.58 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92873		
198	92.3	75.7	113.5	
200	29.2	23.9	35.9	



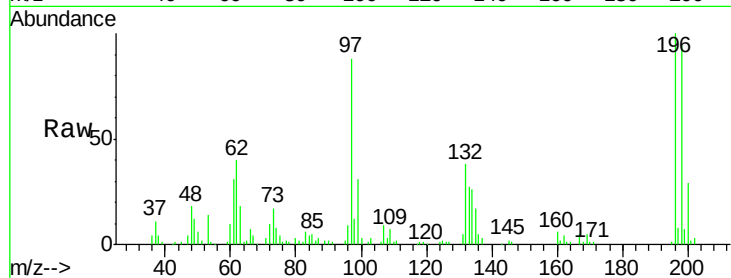
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 41.59 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

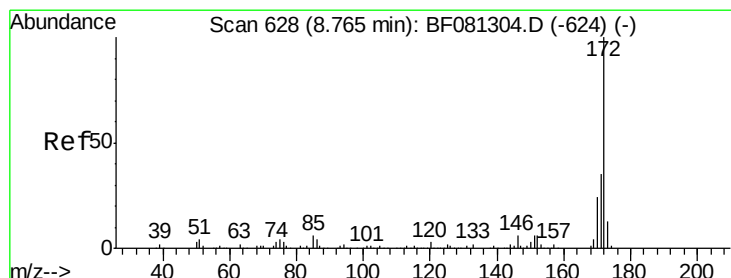
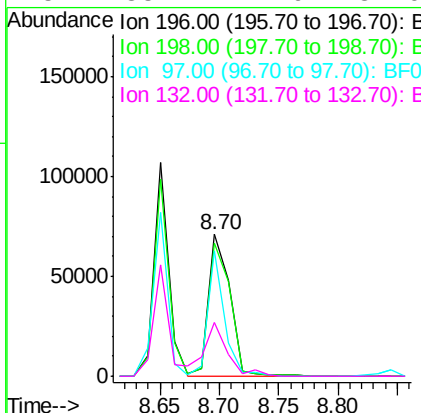
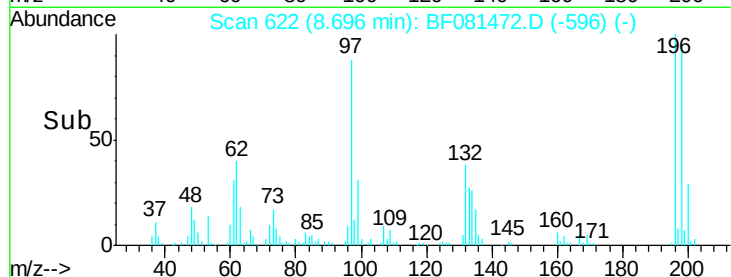
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS



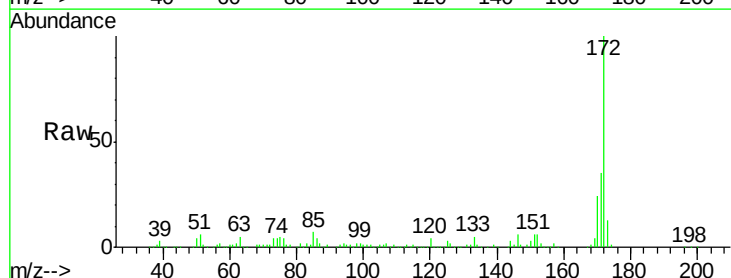
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88384		
198	94.4	75.4	113.0	
97	88.2	33.3	49.9	#
132	38.4	24.6	37.0	#

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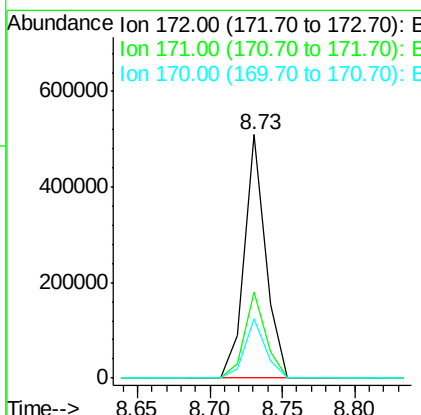
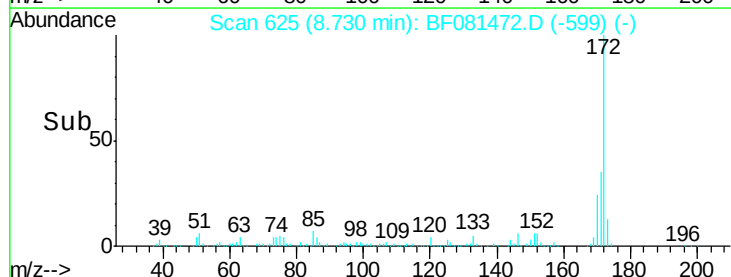
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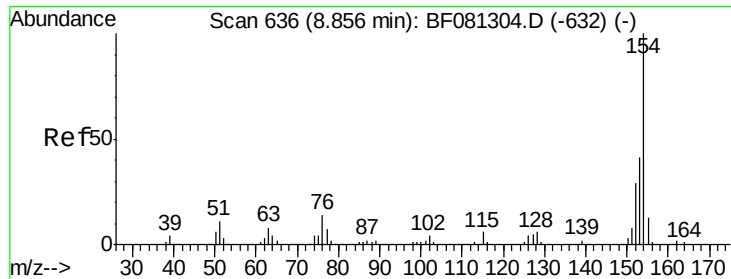


#44
 2-Fluorobiphenyl
 Concen: 69.70 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	519139		
171	35.4	26.1	39.1	
170	24.3	17.4	26.2	





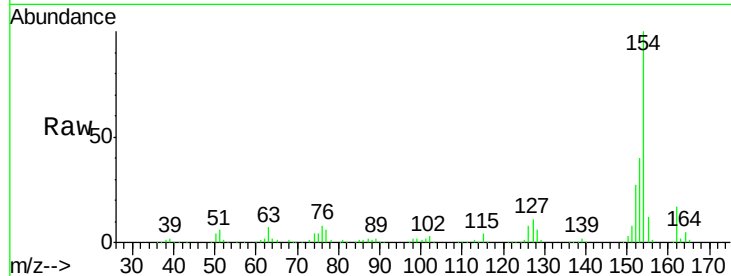
#45
 1,1'-Biphenyl
 Concen: 42.49 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

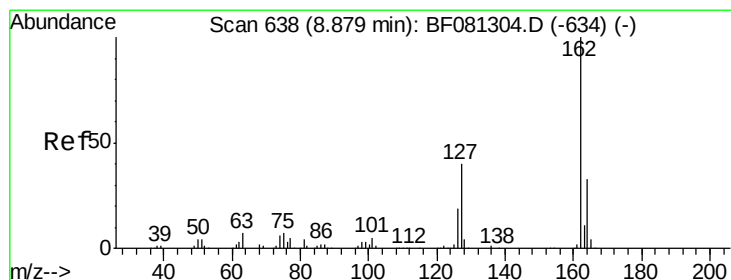
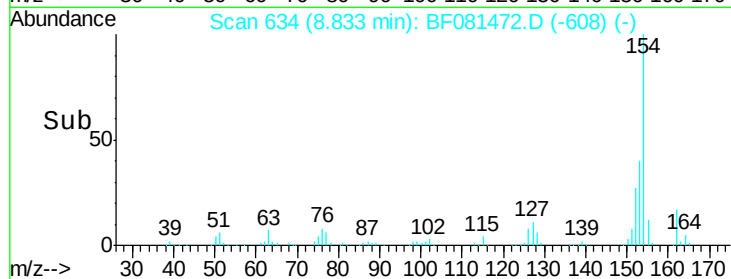
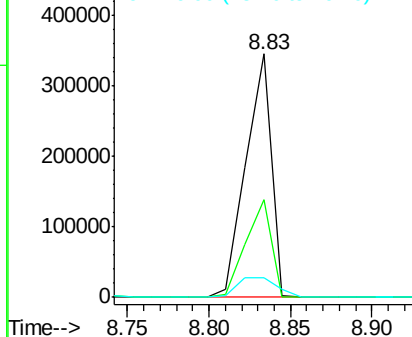
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.9	17.1	57.1	
76	8.2	0.0	31.6	

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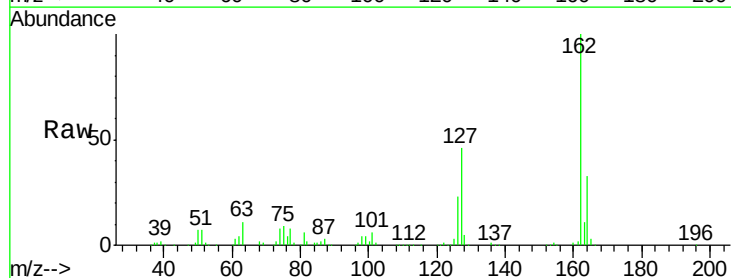


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

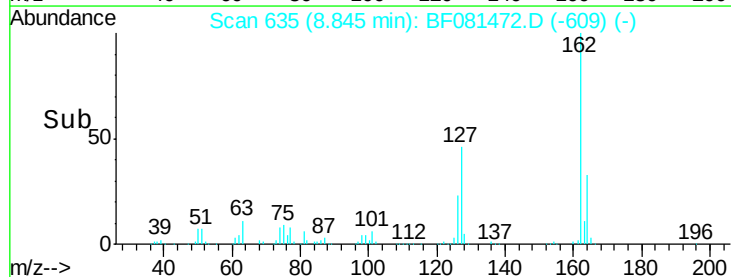
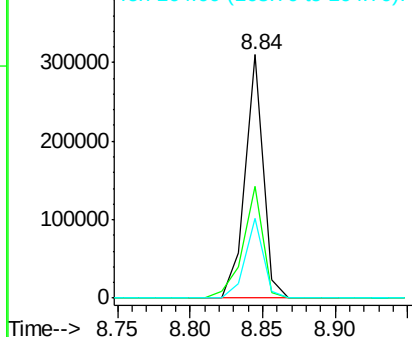


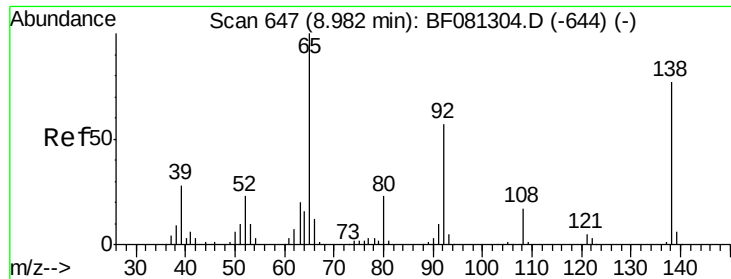
#46
 2-Chloronaphthalene
 Concen: 42.54 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	45.8	27.6	41.4#	
164	32.5	25.4	38.2	



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





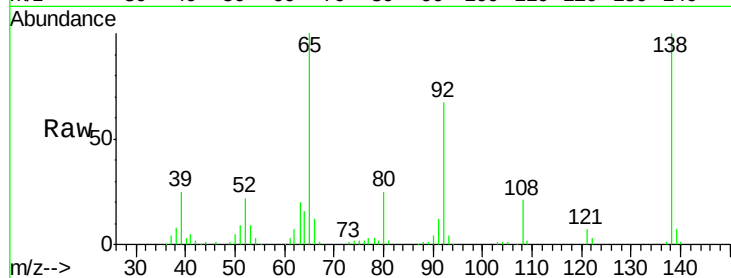
#47
 2-Nitroaniline
 Concen: 46.60 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

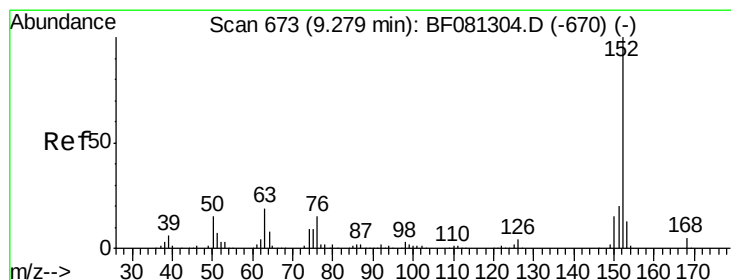
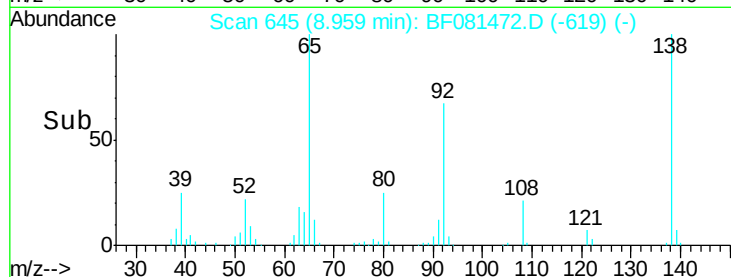
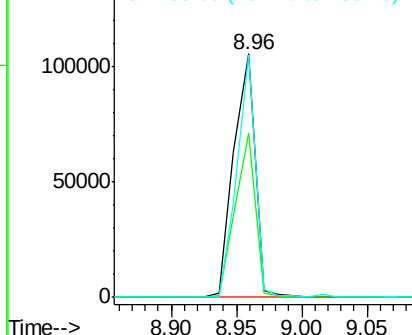
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	99.7	115.5	173.3#

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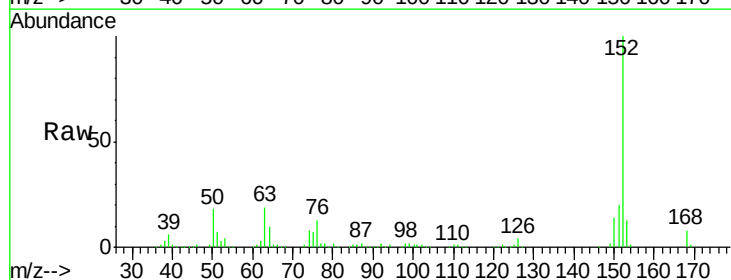


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

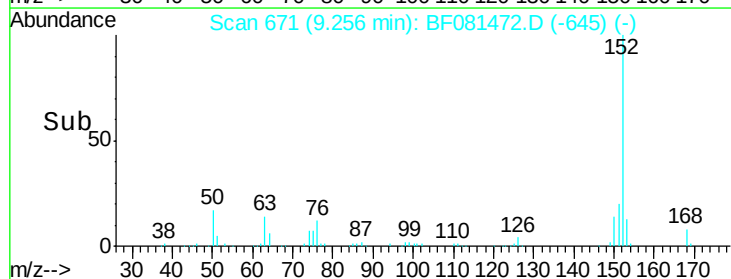
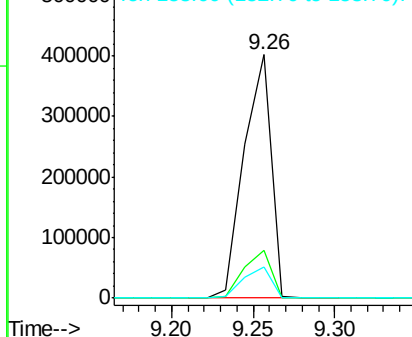


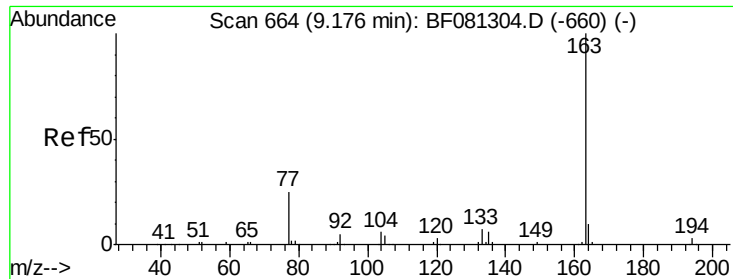
#48
 Acenaphthylene
 Concen: 41.19 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	14.6	22.0
153	12.6	10.3	15.5



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





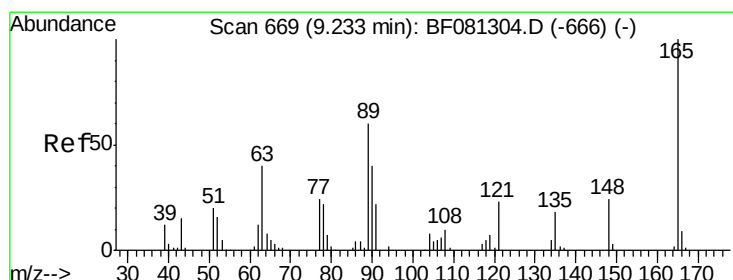
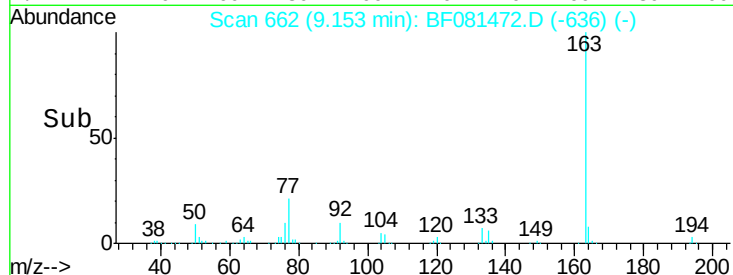
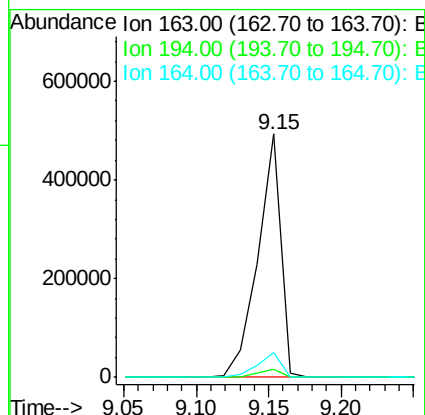
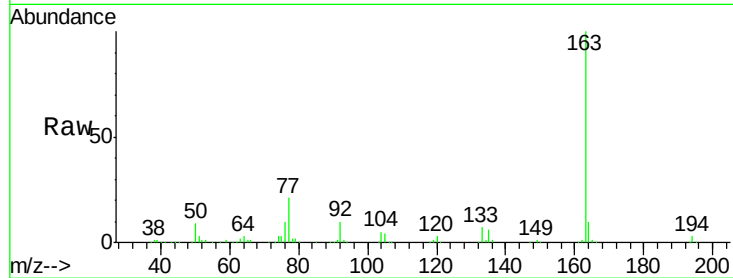
#49
Dimethylphthalate
Concen: 72.87 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	4.4	6.6#
164	10.0	8.3	12.5

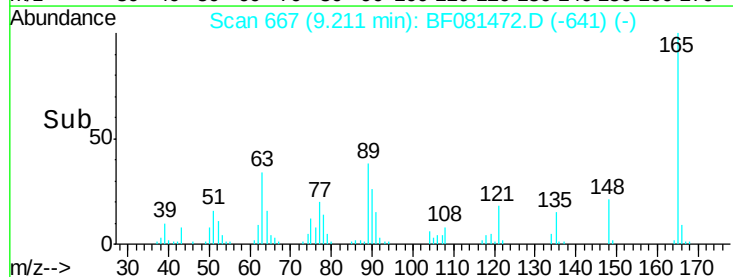
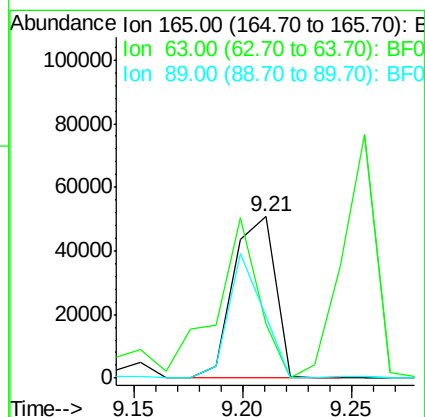
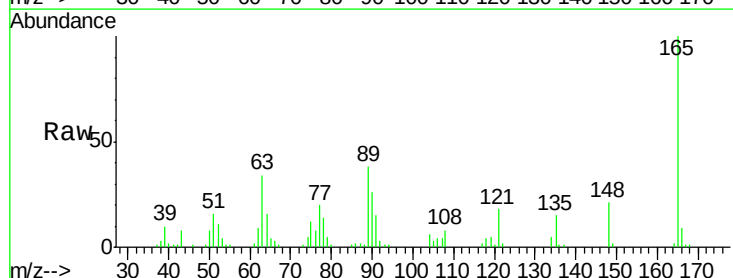
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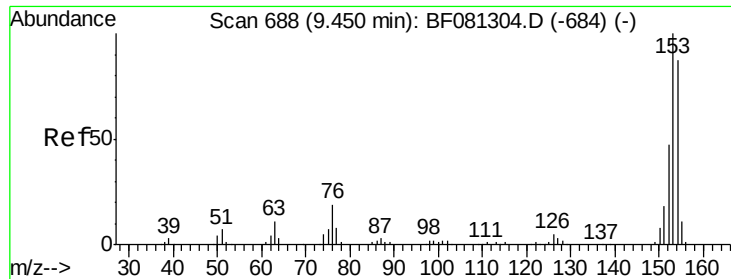
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#50
2,6-Dinitrotoluene
Concen: 40.12 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	33.6	32.3	48.5
89	38.4	28.6	43.0





#51

Acenaphthene

Concen: 42.27 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081472.D

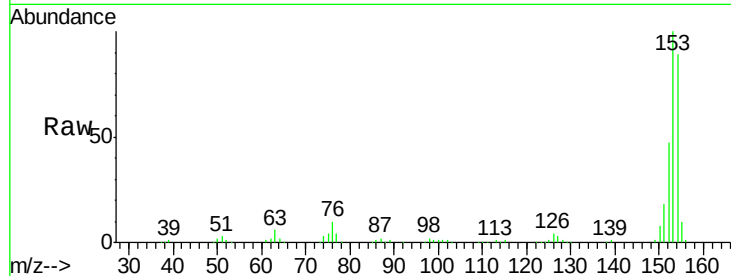
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

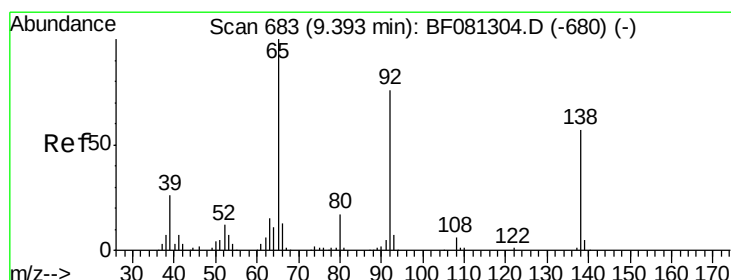
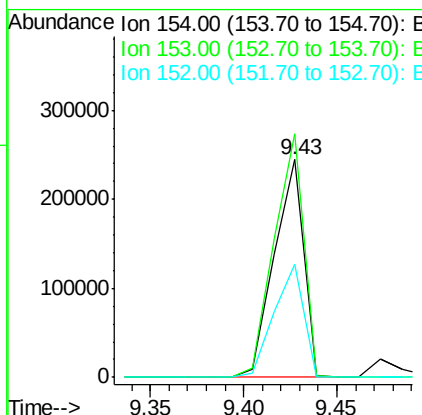
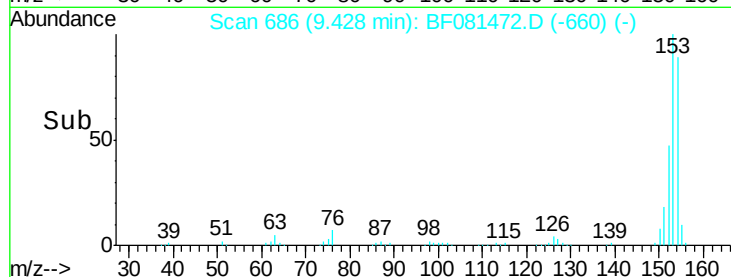
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	270564		
153	111.9	82.1	123.1	
152	52.2	37.9	56.9	

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#52

3-Nitroaniline

Concen: 38.68 ng

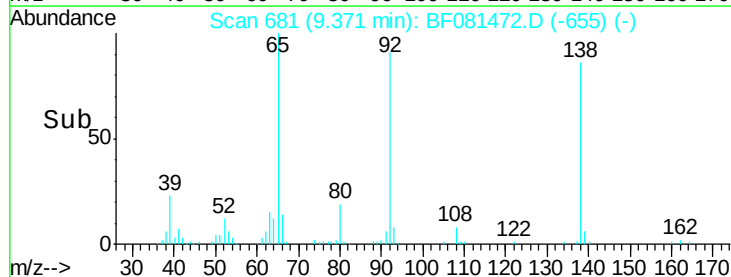
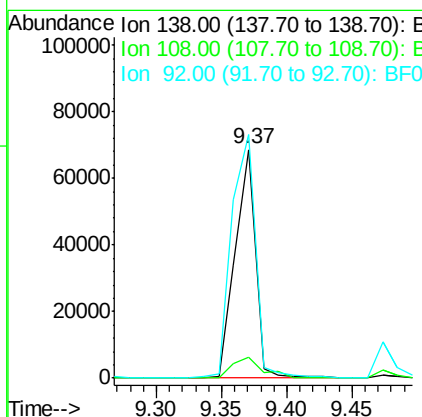
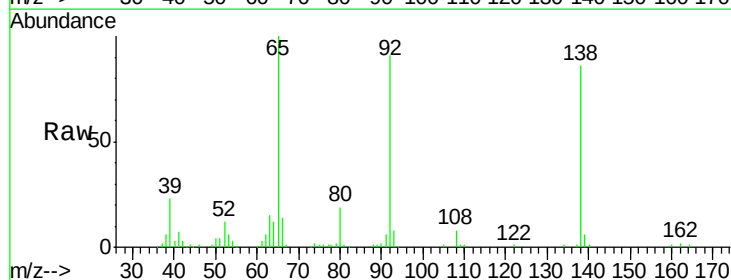
RT: 9.37 min Scan# 681

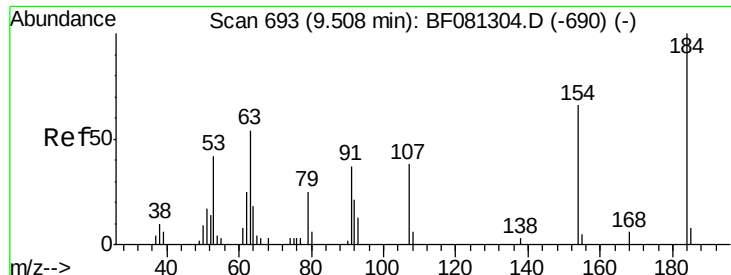
Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

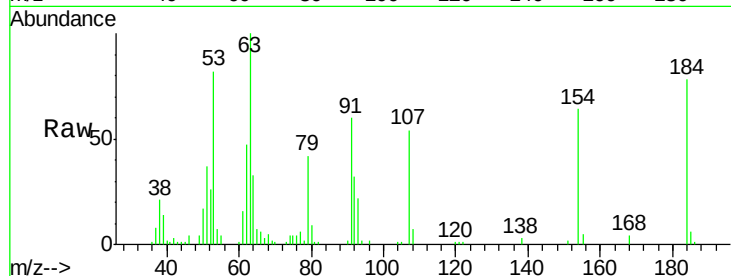
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	74111		
108	9.4	5.7	8.5#	
92	106.7	67.7	101.5#	





#53
2,4-Dinitrophenol
Concen: 47.48 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

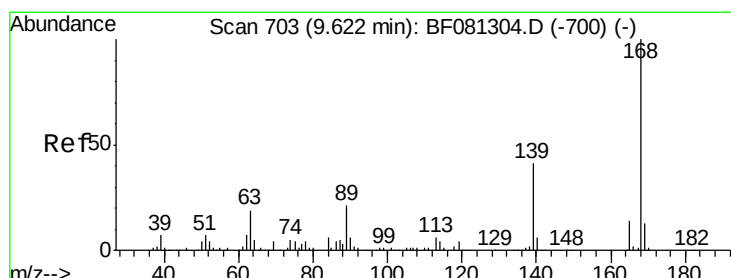
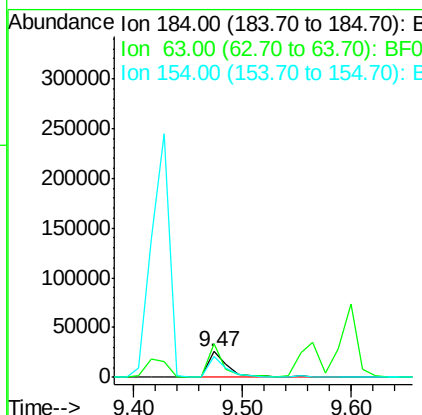
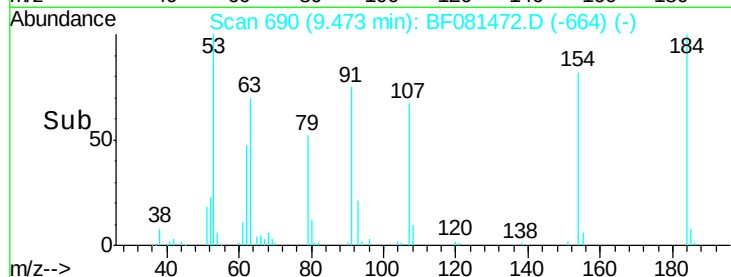
Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS



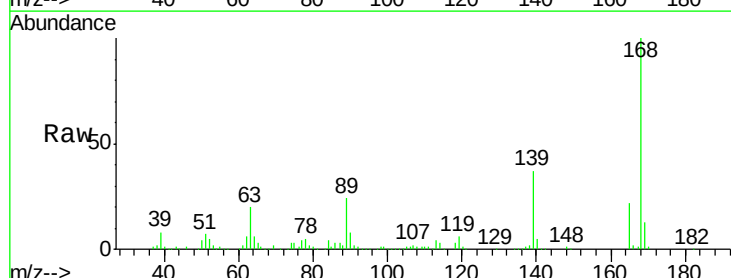
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	33659		
63	129.0	35.4	53.2#	
154	82.4	32.2	48.4#	

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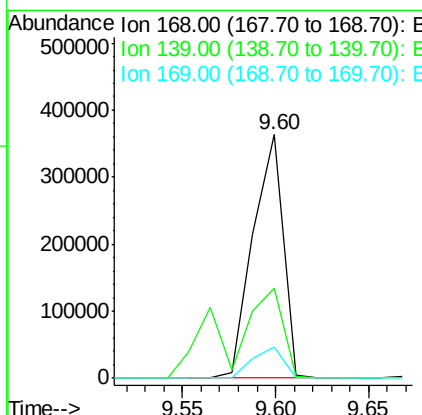
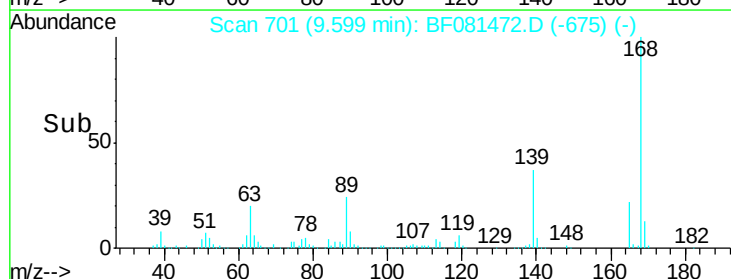
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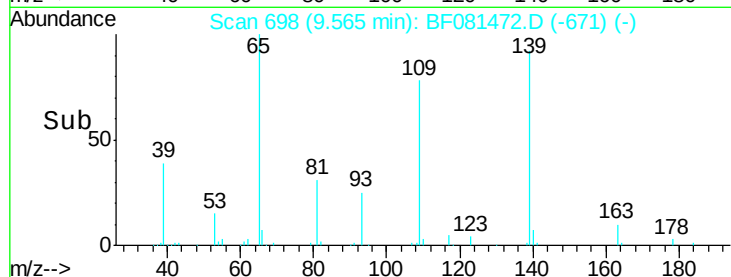
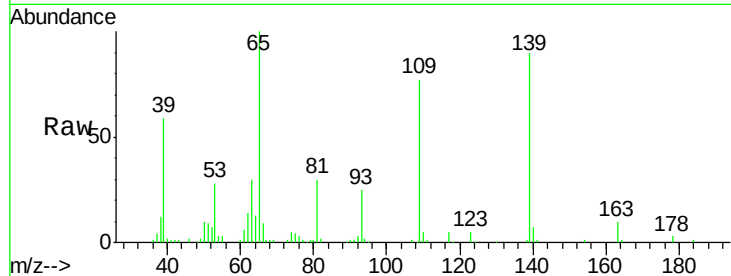
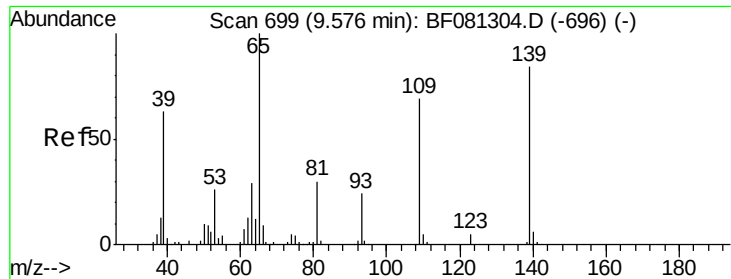


#54
Dibenzofuran
Concen: 43.39 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	405483		
139	36.8	24.2	36.2#	
169	12.9	10.6	15.8	





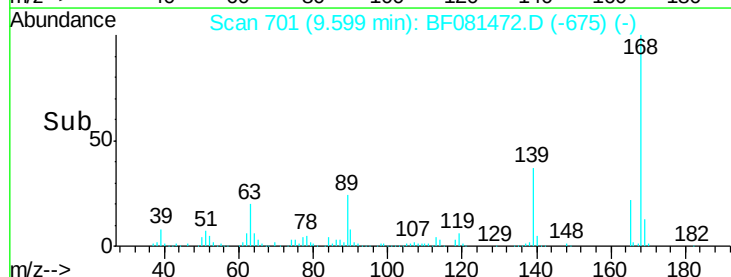
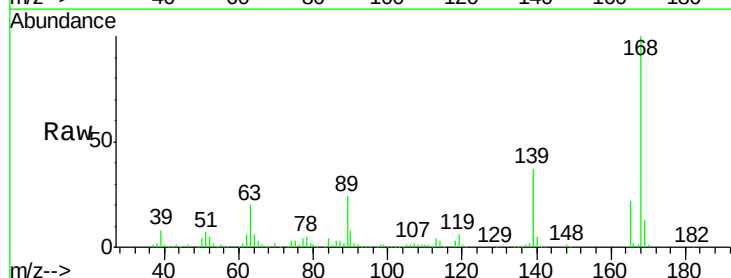
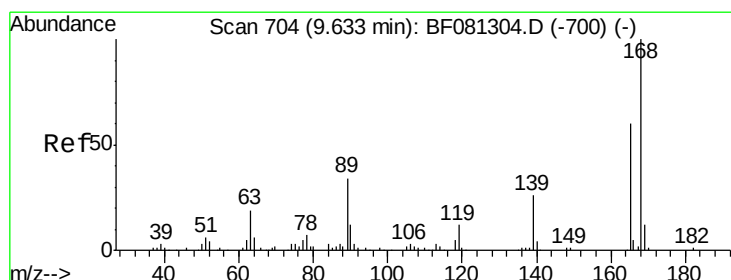
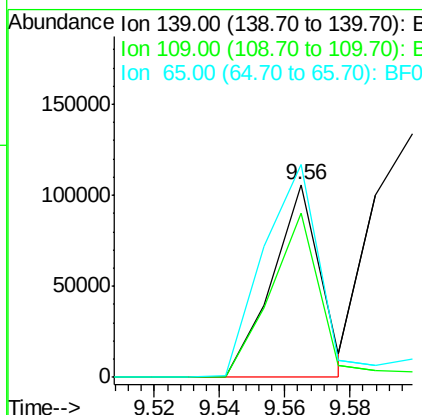
#55
4-Nitrophenol
Concen: 89.97 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108302		
109	85.1	12.7	52.7#	
65	110.8	45.9	85.9#	

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

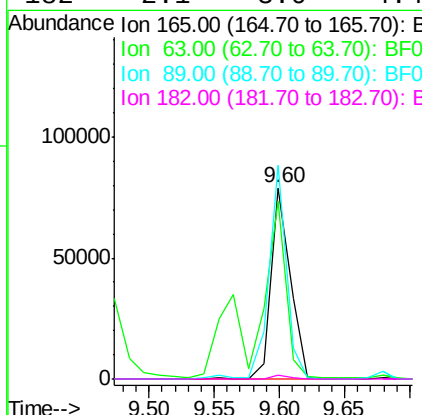
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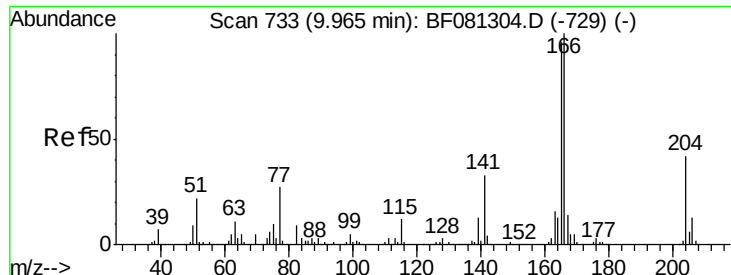
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#56
2,4-Dinitrotoluene
Concen: 38.43 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82362		
63	92.9	29.8	44.6#	
89	111.7	44.5	66.7#	
182	2.1	3.0	4.4#	





#57

Fluorene

Concen: 41.22 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081472.D

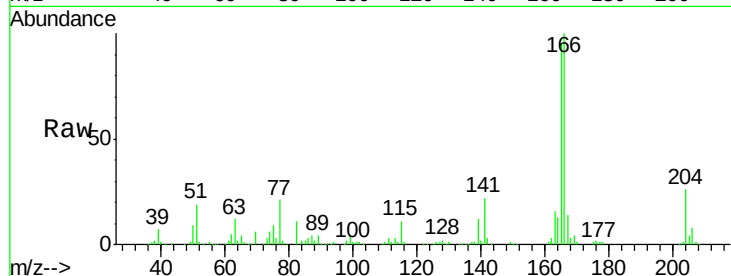
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MS



Tgt Ion:166 Resp: 292357

Ion Ratio Lower Upper

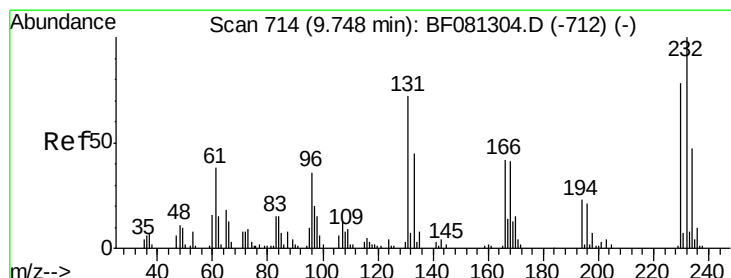
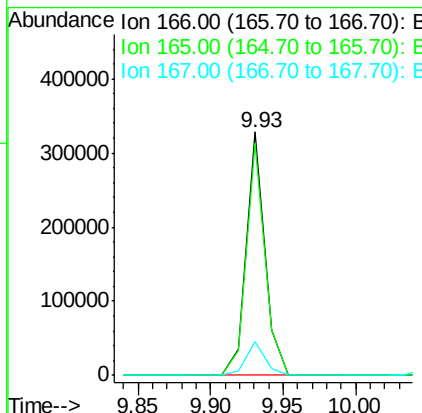
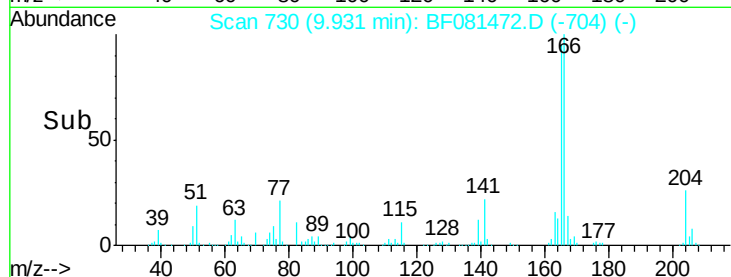
166 100

165 95.2 72.6 109.0

167 13.9 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.75 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:232 Resp: 82347

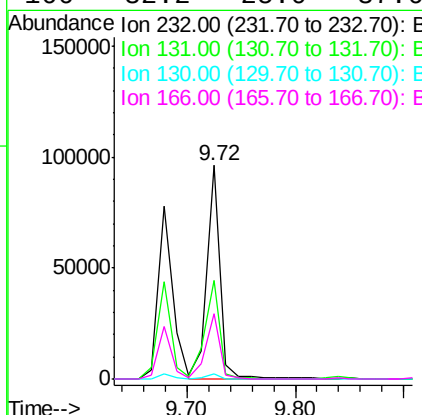
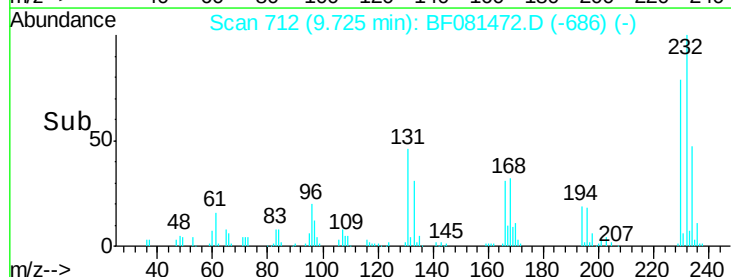
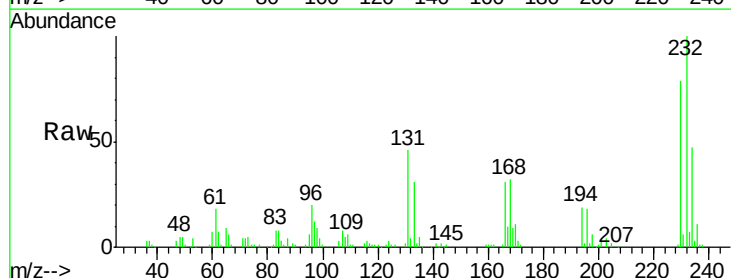
Ion Ratio Lower Upper

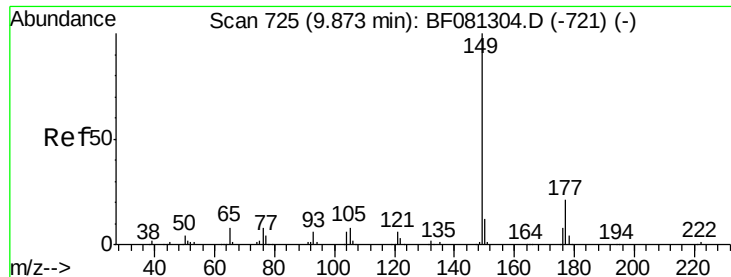
232 100

131 51.3 38.5 57.7

130 2.4 1.8 2.6

166 32.2 25.0 37.6





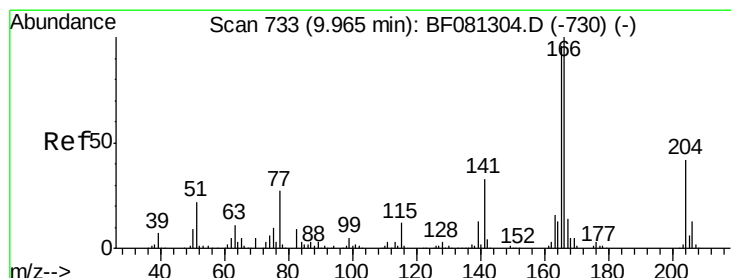
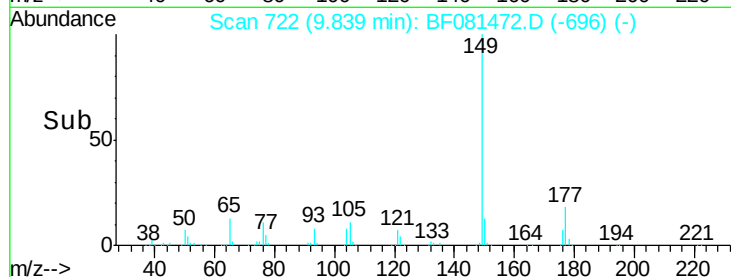
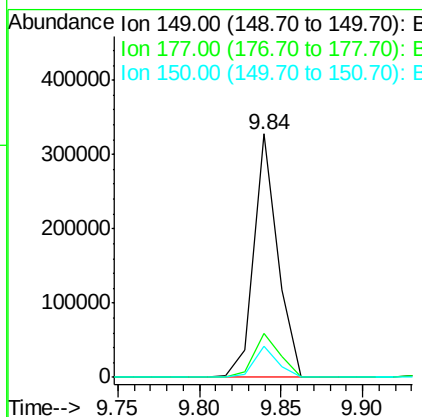
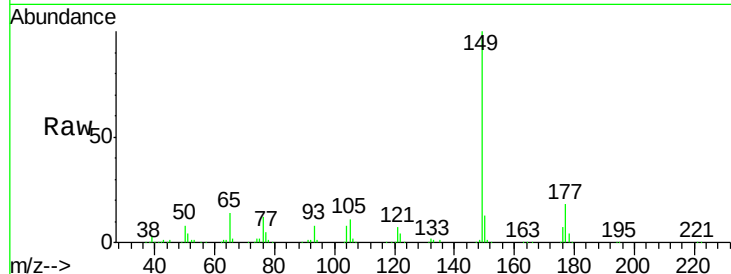
#59
Diethylphthalate
Concen: 42.69 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	333001		
177	18.2	17.5	26.3	
150	12.8	9.4	14.2	

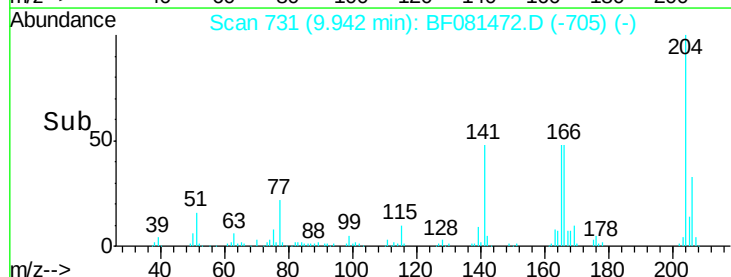
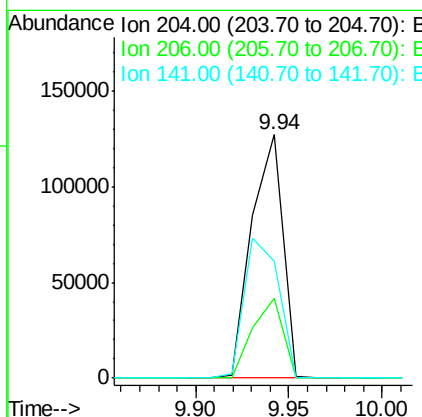
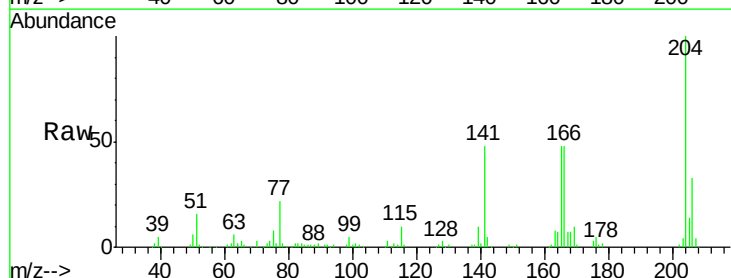
Manual Integrations
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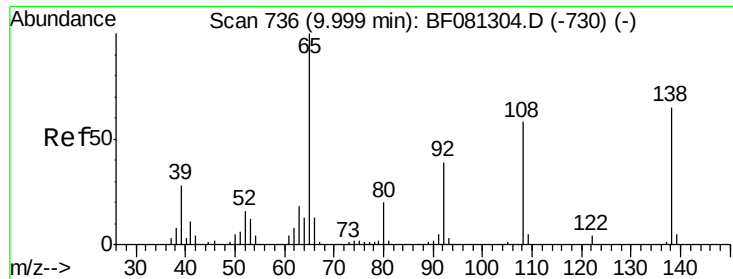
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 44.56 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	147293		
206	32.7	24.8	37.2	
141	48.1	42.2	63.4	





#61

4-Nitroaniline

Concen: 35.86 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081472.D

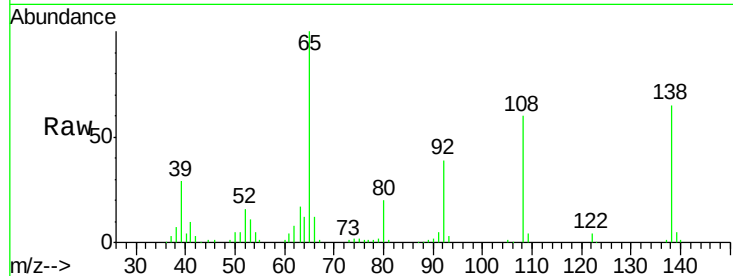
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

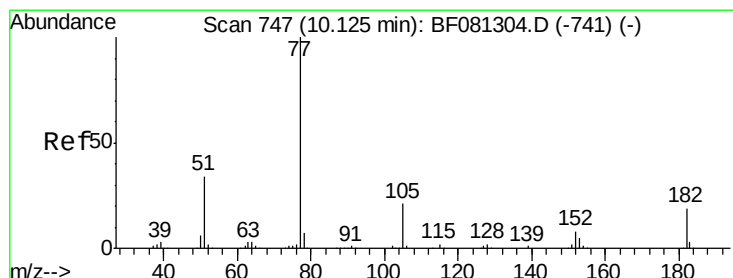
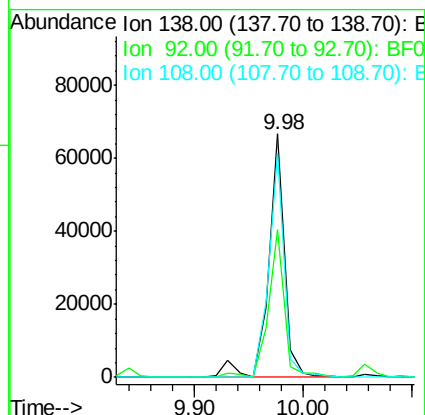
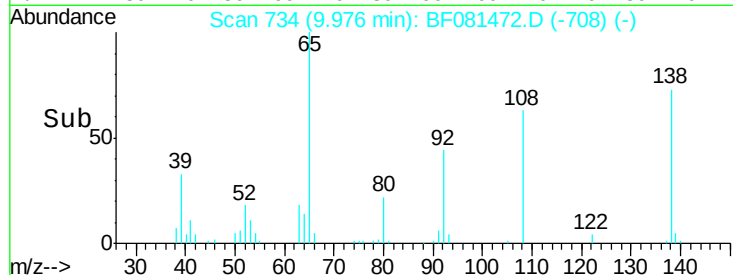
MGP2240BR-23-25MS



Tgt Ion:	138	Resp:	69426
Ion Ratio	Lower	Upper	
138	100		
92	60.5	12.6	52.6#
108	92.3	12.4	52.4#

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#62

Azobenzene

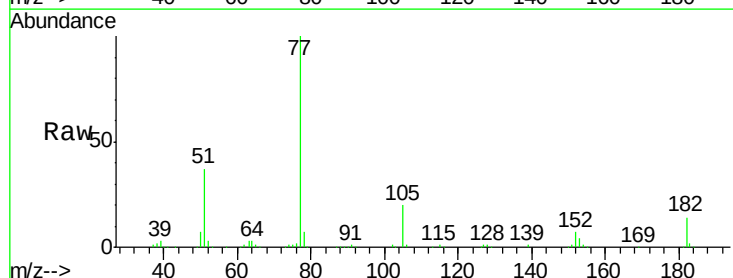
Concen: 41.16 ng

RT: 10.09 min Scan# 744

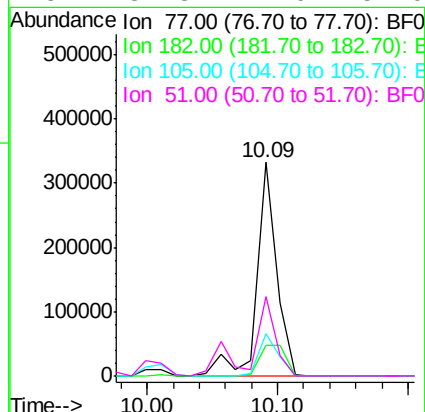
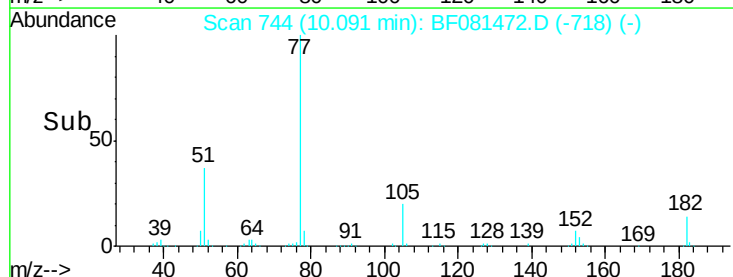
Delta R.T. 0.00 min

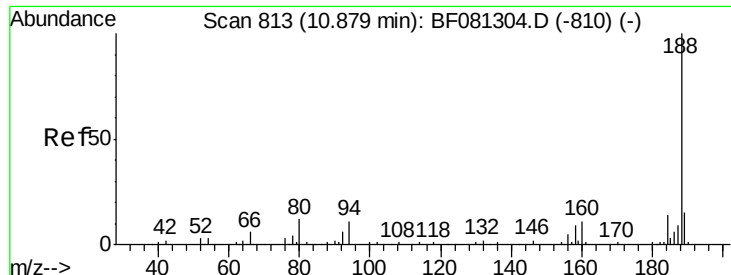
Lab File: BF081472.D

Acq: 5 Sep 2015 18:54



Tgt Ion:	77	Resp:	356985
Ion Ratio	Lower	Upper	
77	100		
182	14.4	15.1	55.1#
105	19.6	3.4	43.4
51	37.3	12.0	52.0





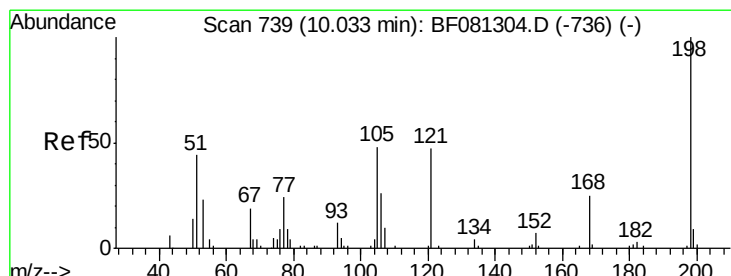
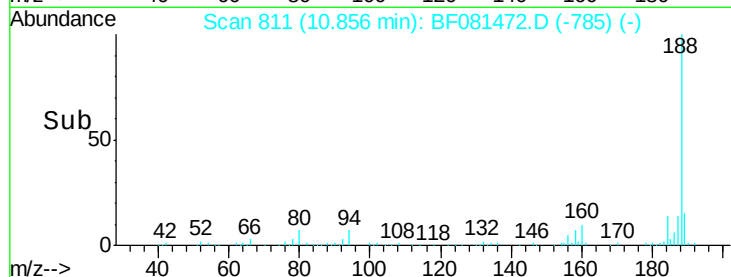
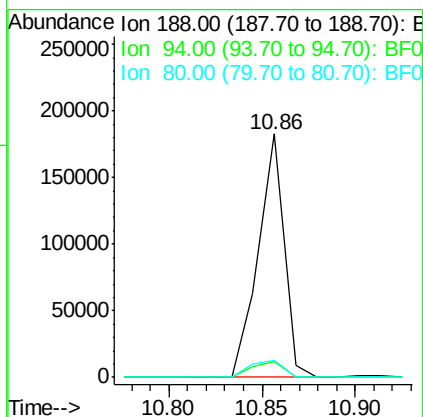
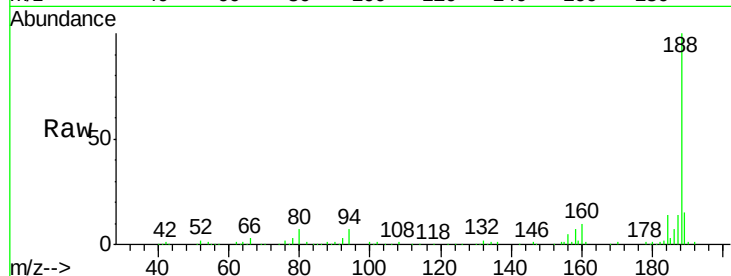
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.6	11.1	16.7#
80	6.9	11.0	16.4#

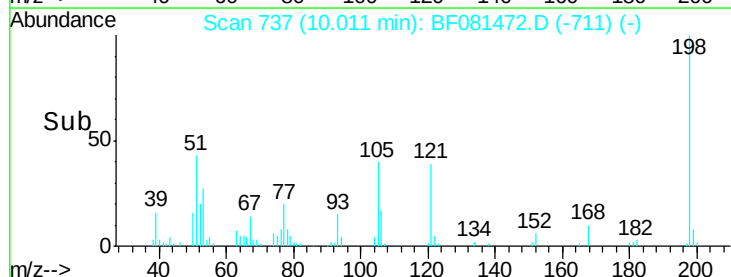
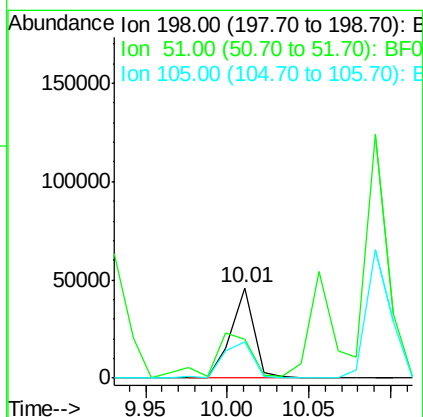
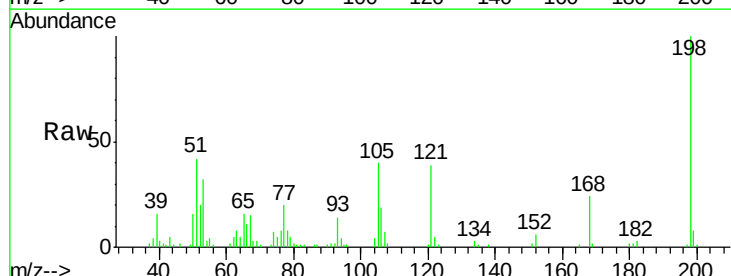
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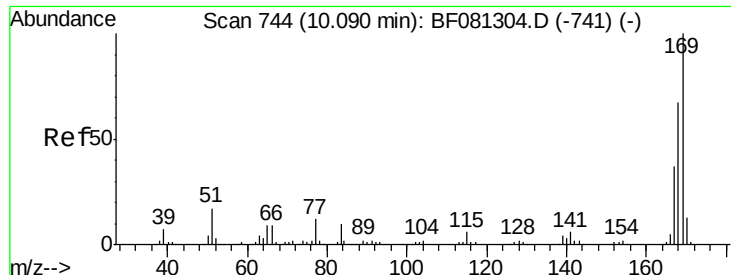
MMDadoda
 9/8/2015 1:57:34 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.44 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	42.5	39.6	79.6
105	39.6	28.5	68.5





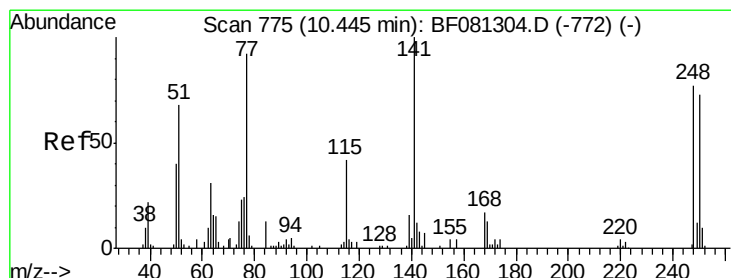
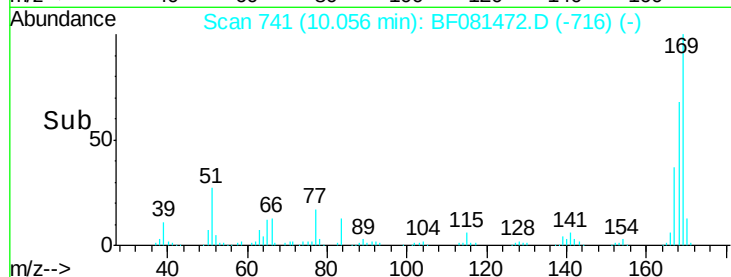
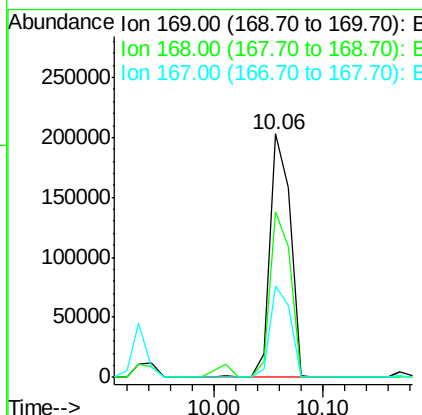
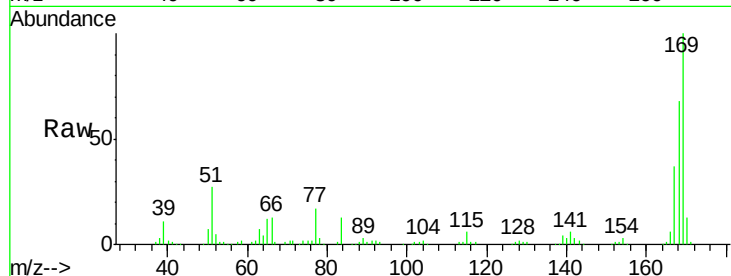
#65
 n-Nitrosodiphenylamine
 Concen: 41.27 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	263141		
168	68.0	48.9	73.3	
167	37.5	26.2	39.4	

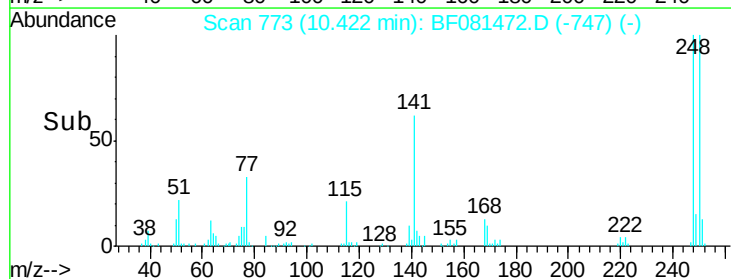
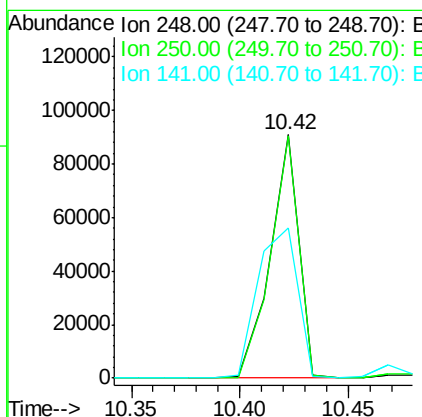
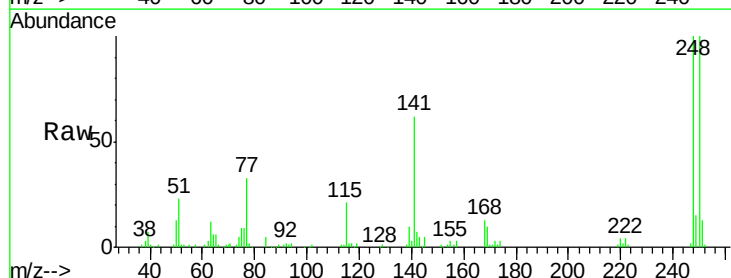
Manual Integrations
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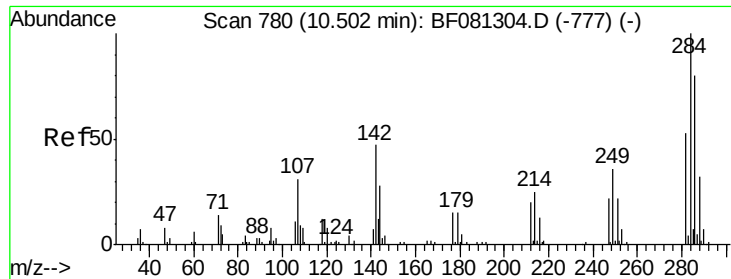
MMDadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 47.31 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83819		
250	99.6	78.5	117.7	
141	61.9	59.0	88.6	





#67

Hexachlorobenzene

Concen: 45.63 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081472.D

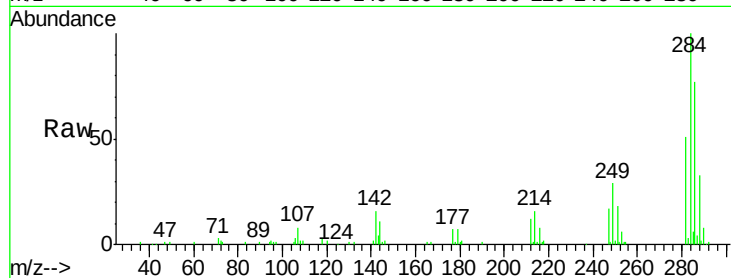
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

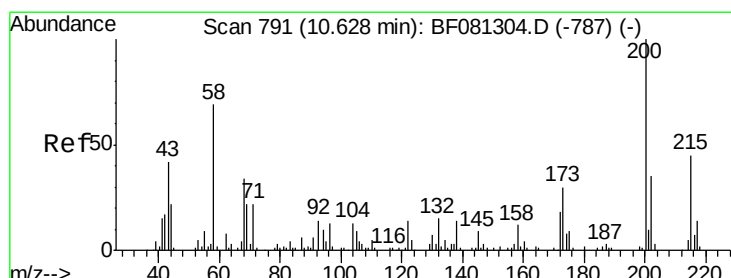
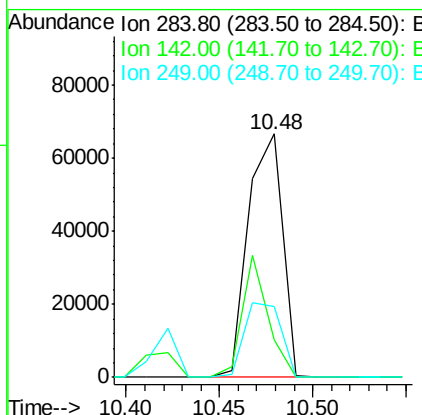
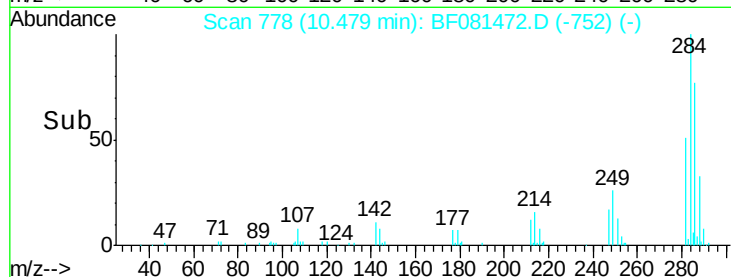
MGP2240BR-23-25MS



Tgt Ion:	284	Resp:	84529
Ion Ratio	Lower	Upper	
284	100		
142	15.5	29.5	44.3#
249	28.9	19.5	29.3

Manual Integrations
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#68

Atrazine

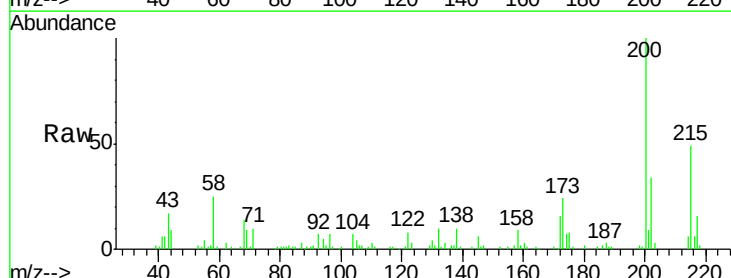
Concen: 48.63 ng

RT: 10.60 min Scan# 789

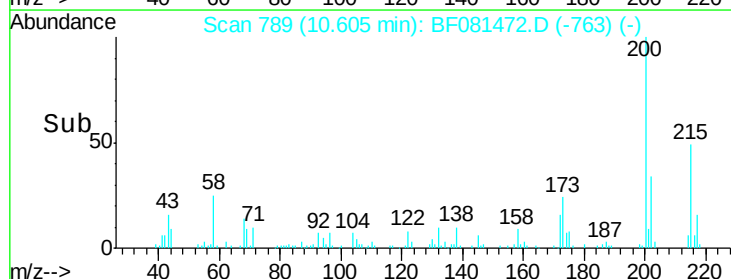
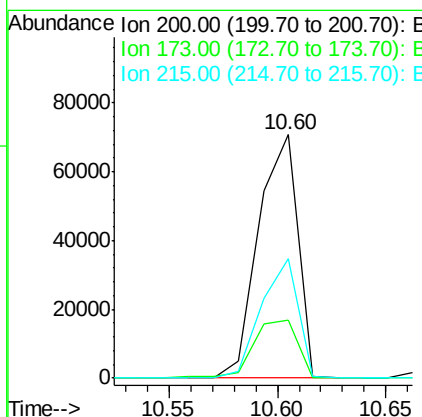
Delta R.T. 0.00 min

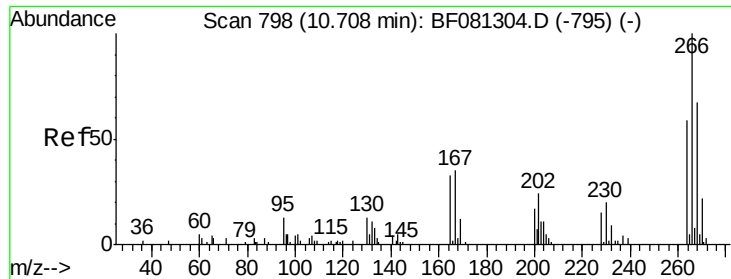
Lab File: BF081472.D

Acq: 5 Sep 2015 18:54



Tgt Ion:	200	Resp:	89733
Ion Ratio	Lower	Upper	
200	100		
173	23.8	13.2	53.2
215	49.2	41.8	81.8





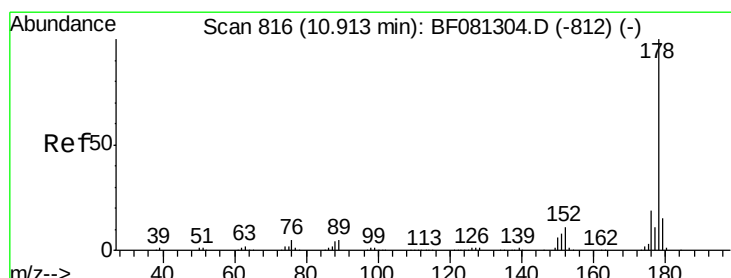
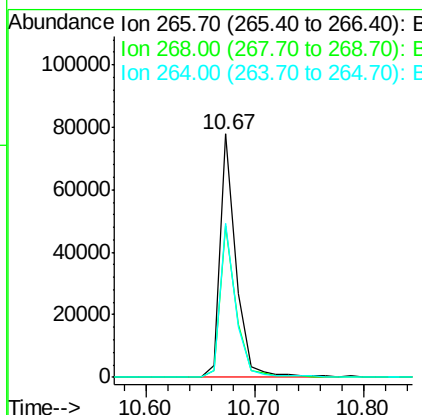
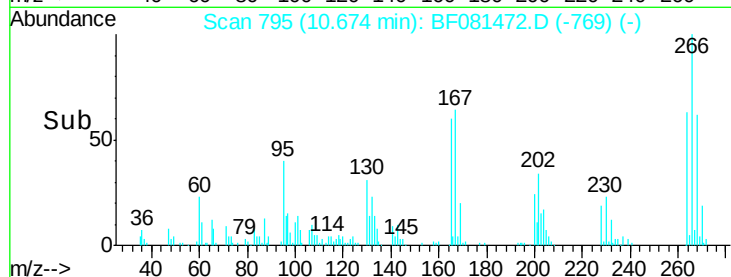
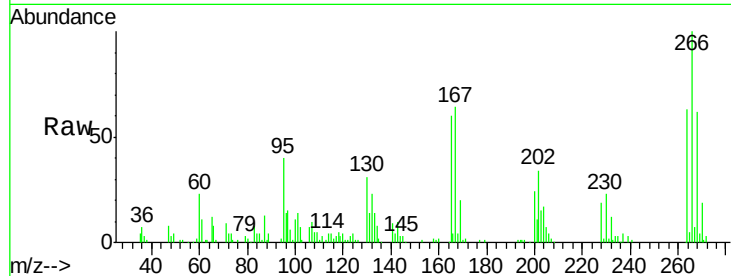
#69
 Pentachlorophenol
 Concen: 87.90 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	80139		
268	62.4	49.8	74.6	
264	63.3	50.2	75.2	

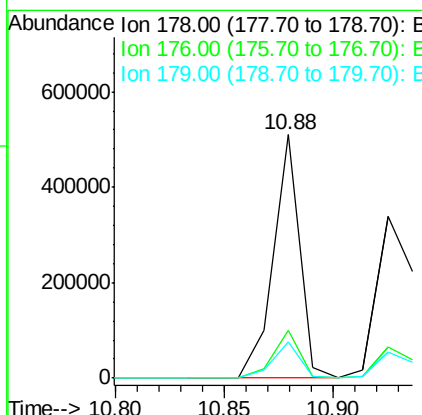
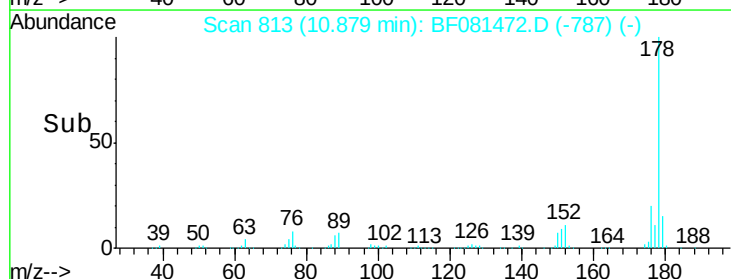
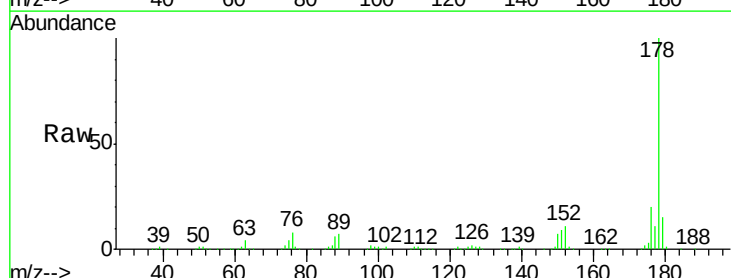
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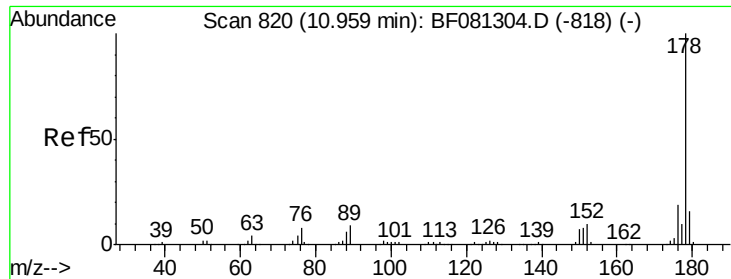
MMDadoda
 9/8/2015 1:57:34 PM



#70
 Phenanthrene
 Concen: 44.60 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	434438		
176	19.6	13.8	20.8	
179	15.1	12.2	18.2	





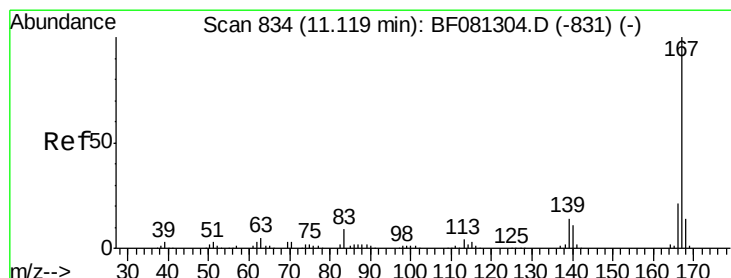
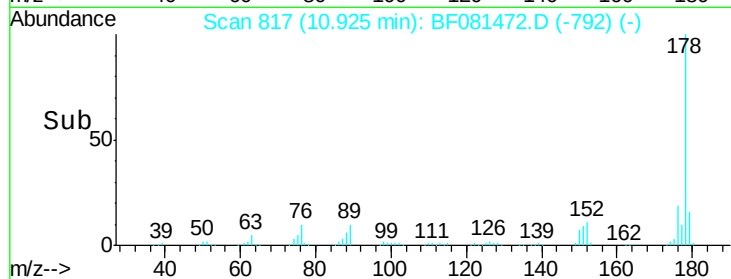
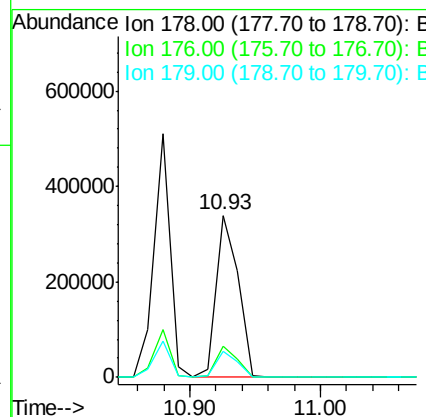
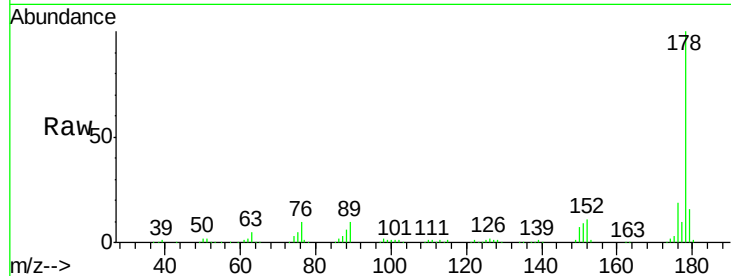
#71
 Anthracene
 Concen: 40.15 ng
 RT: 10.93 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	401799		
176	19.0		14.1	21.1
179	16.2		12.2	18.2

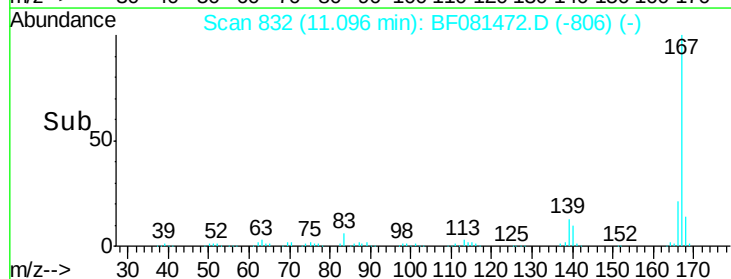
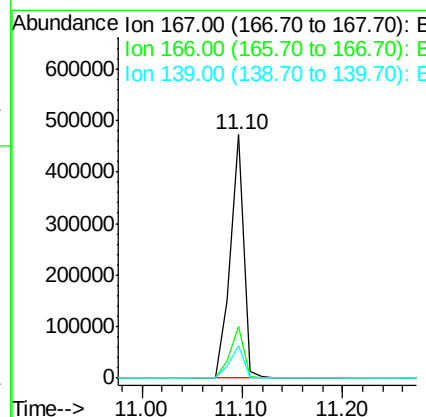
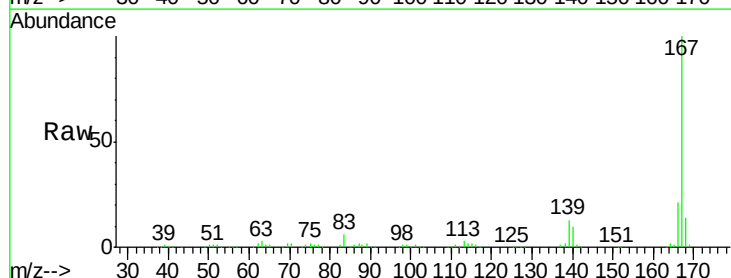
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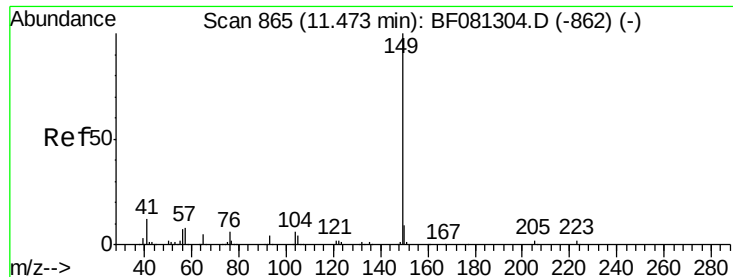
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#72
 Carbazole
 Concen: 47.14 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	442662		
166	21.4		15.7	23.5
139	13.1		9.5	14.3





#73

Di-n-butylphthalate

Concen: 47.37 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081472.D

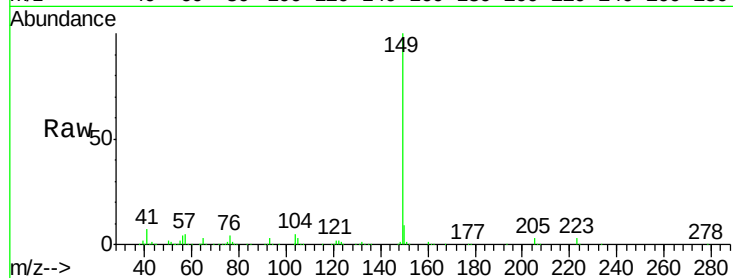
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

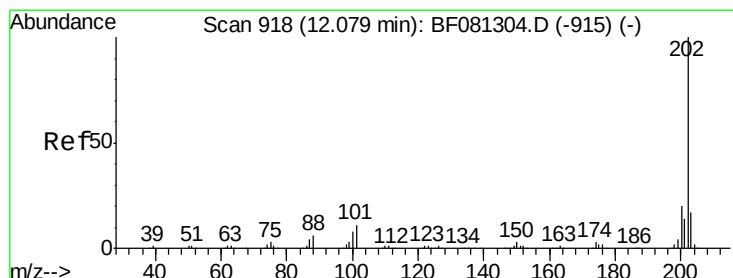
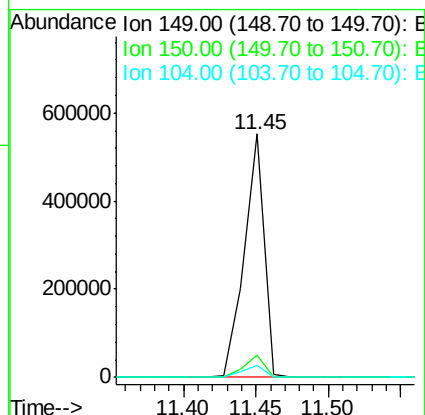
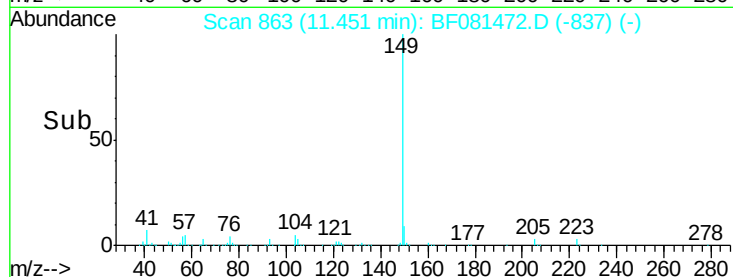
MGP2240BR-23-25MS



Tgt Ion:	149	Resp:	525309
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.2
104	4.7	2.4	3.6#

Manual Integrations
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#74

Fluoranthene

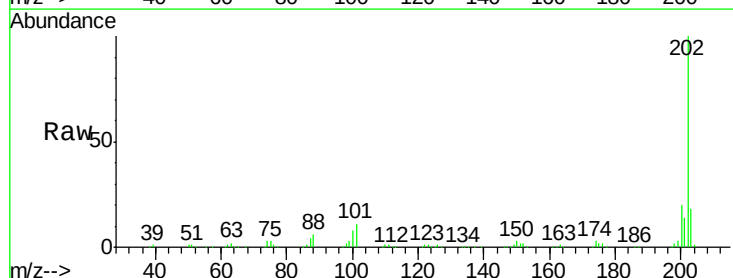
Concen: 37.28 ng

RT: 12.05 min Scan# 915

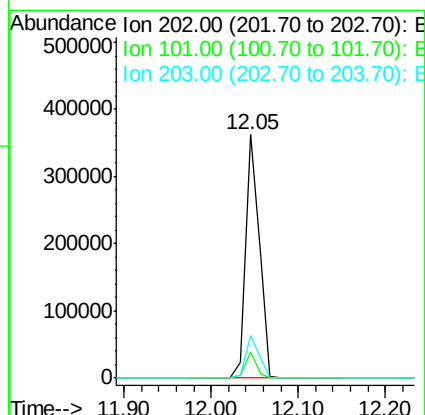
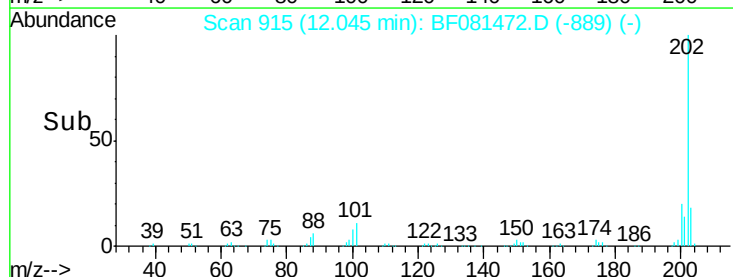
Delta R.T. 0.00 min

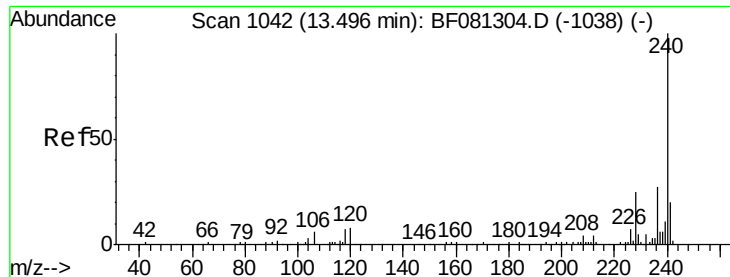
Lab File: BF081472.D

Acq: 5 Sep 2015 18:54



Tgt Ion:	202	Resp:	393160
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	38.3
203	17.7	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

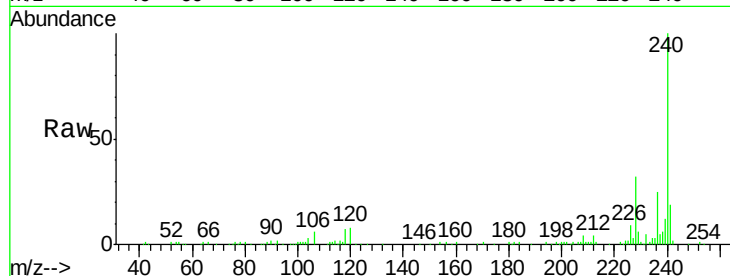
ClientSampleId :

MGP2240BR-23-25MS

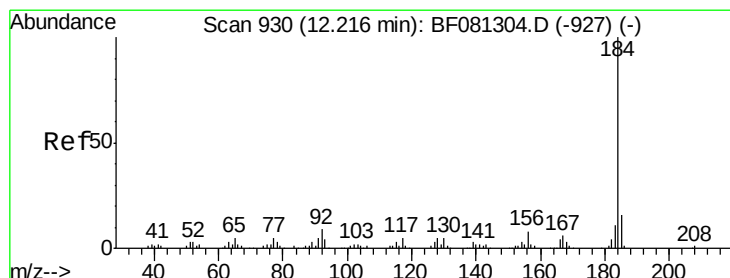
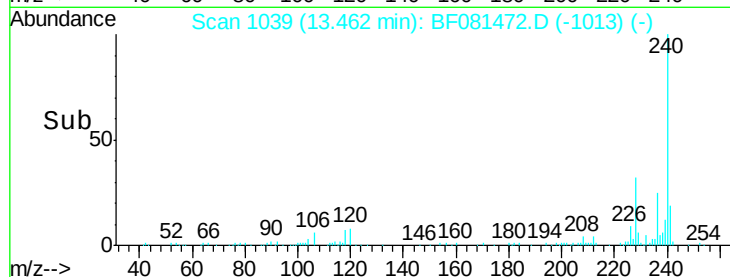
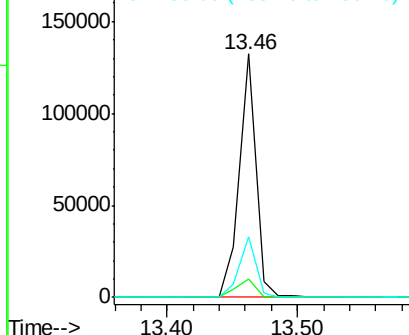
Tgt Ion:	240	Resp:	117360
Ion Ratio		Lower	Upper
240	100		
120	7.5	16.2	24.2#
236	25.1	18.4	27.6

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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: 38.24 ng

RT: 12.19 min Scan# 928

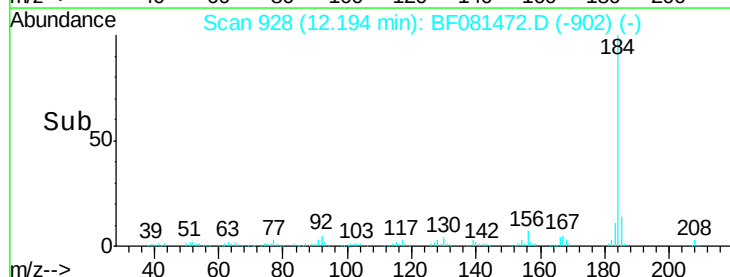
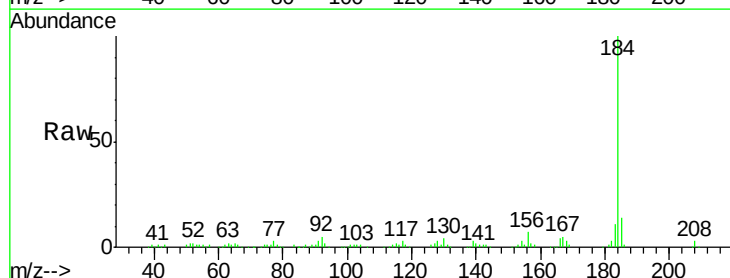
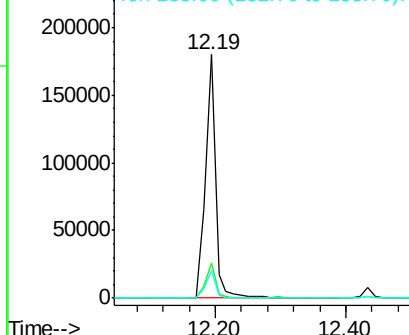
Delta R.T. 0.00 min

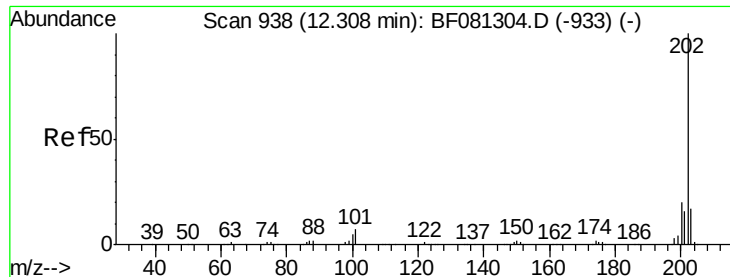
Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

Tgt Ion:	184	Resp:	192647
Ion Ratio		Lower	Upper
184	100		
185	14.1	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





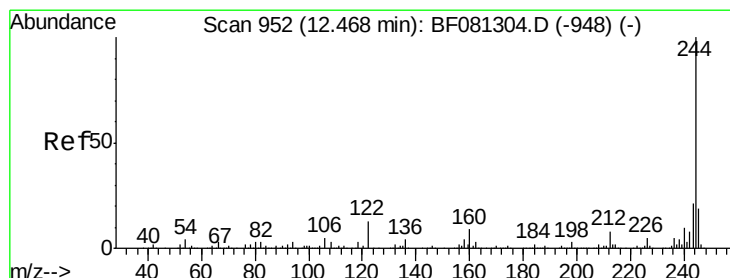
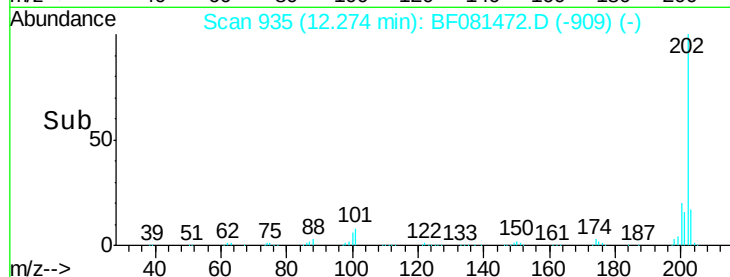
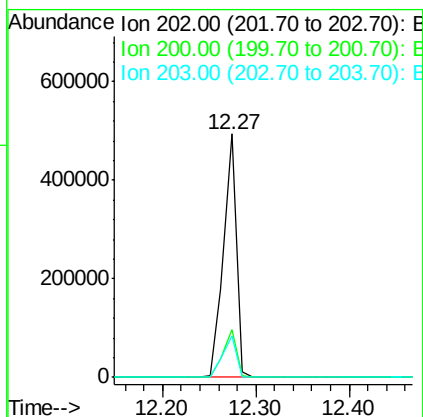
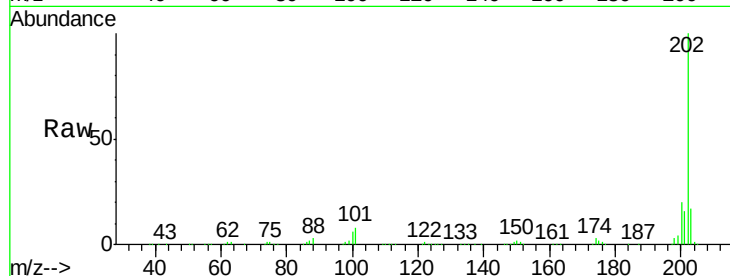
#77
Pyrene
 Concen: 54.40 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.7	15.0	22.4
203	17.2	14.1	21.1

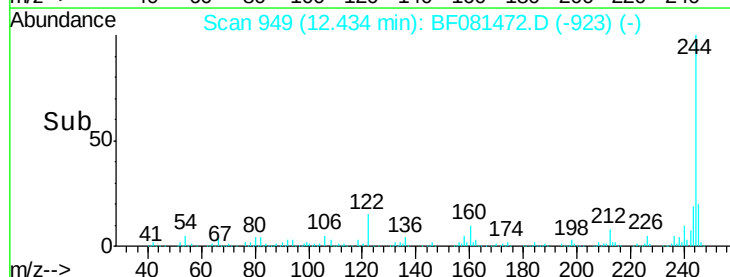
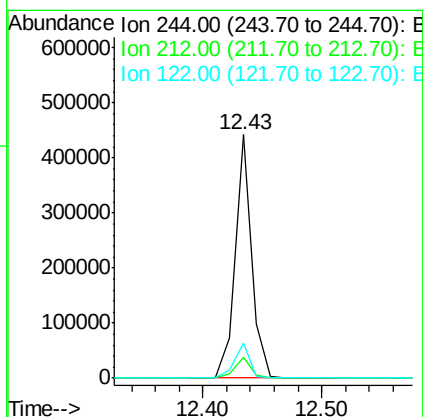
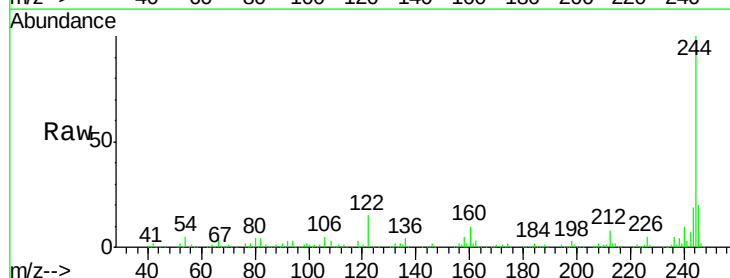
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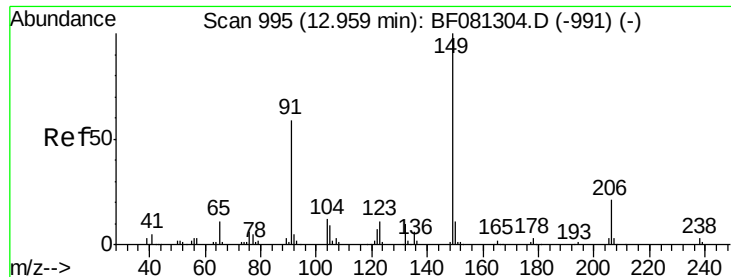
MMDadoda
 9/8/2015 1:57:34 PM



#78
Terphenyl-d14
 Concen: 84.05 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.3	4.3	6.5#
122	14.5	17.4	26.2#





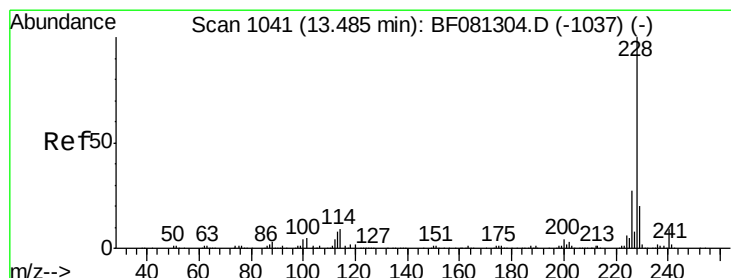
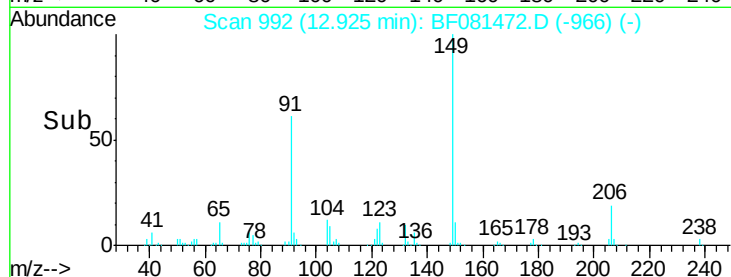
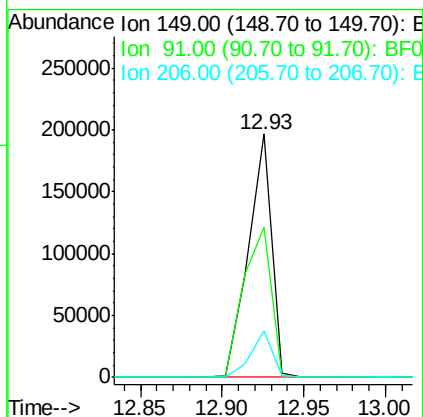
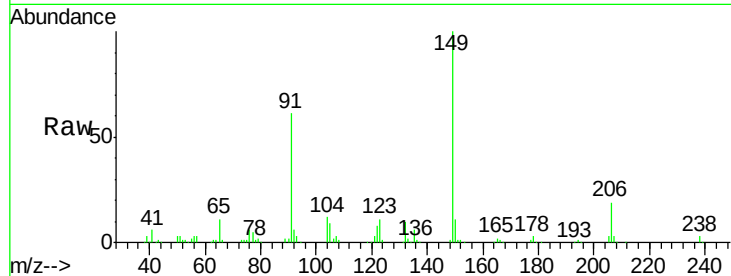
#79
Butylbenzylphthalate
Concen: 51.52 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	61.4	48.6	72.8
206	19.1	14.9	22.3

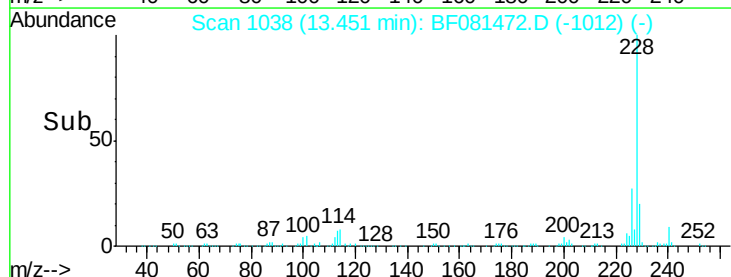
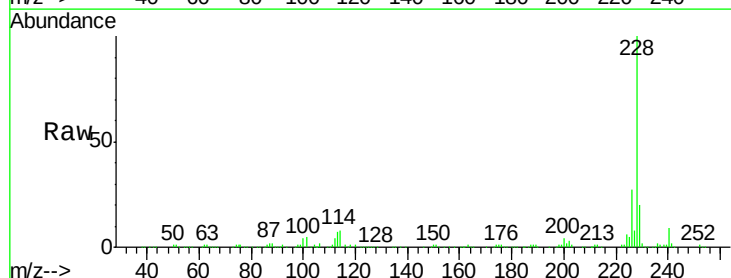
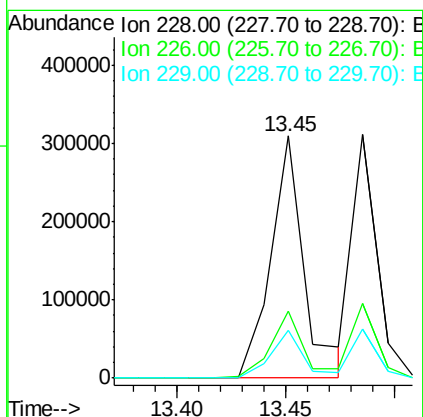
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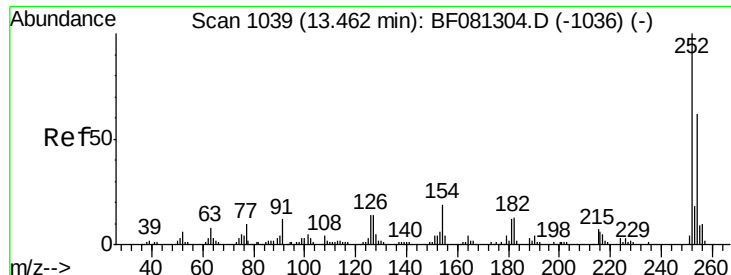
MMDadoda
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#80
Benzo(a)anthracene
Concen: 44.55 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	20.0	30.0
229	19.9	15.4	23.2





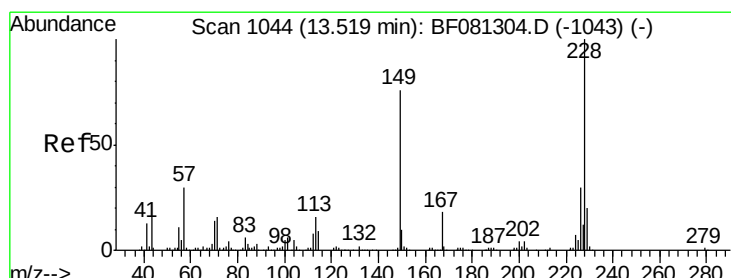
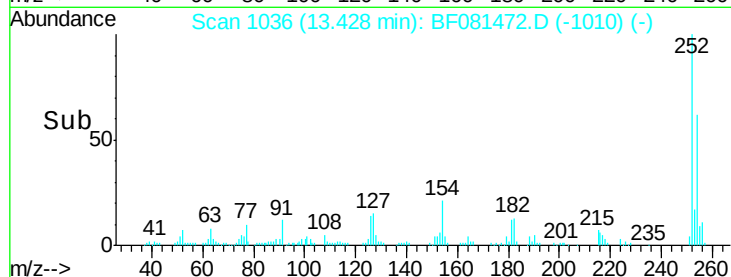
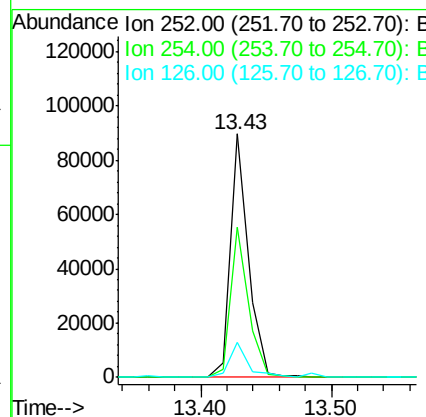
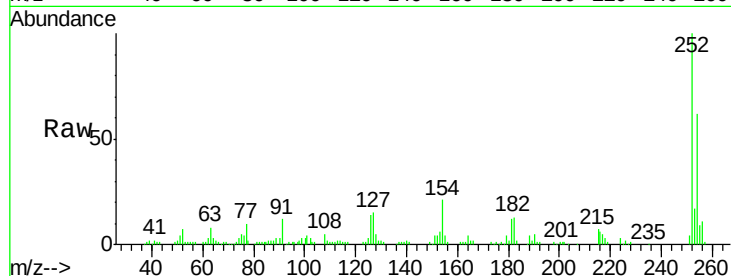
#81
 3,3'-Dichlorobenzidine
 Concen: 34.20 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.4	77.2
126	14.1	16.4	24.6

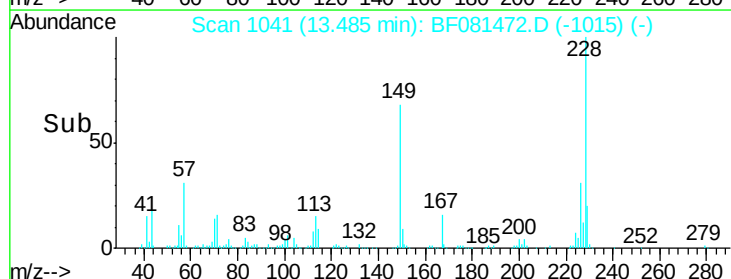
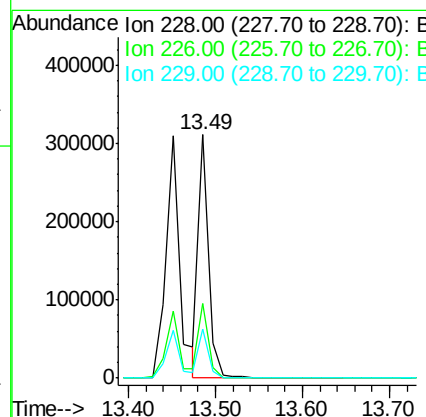
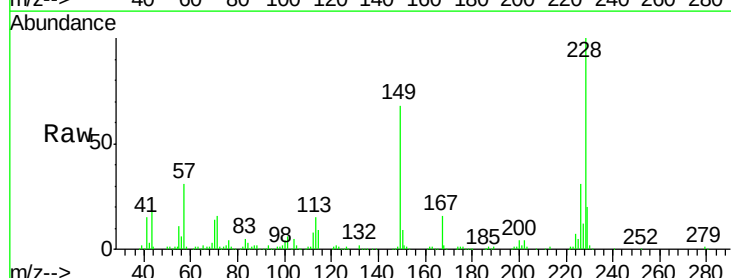
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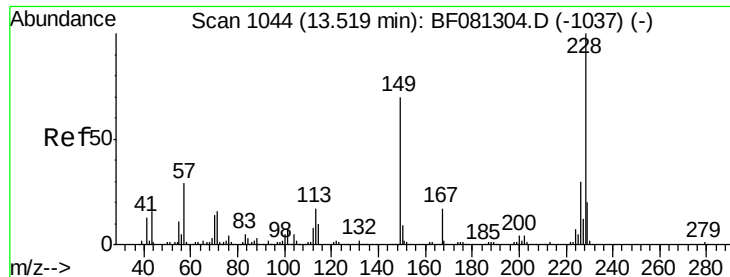
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#82
 Chrysene
 Concen: 37.78 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.0	15.6	23.4





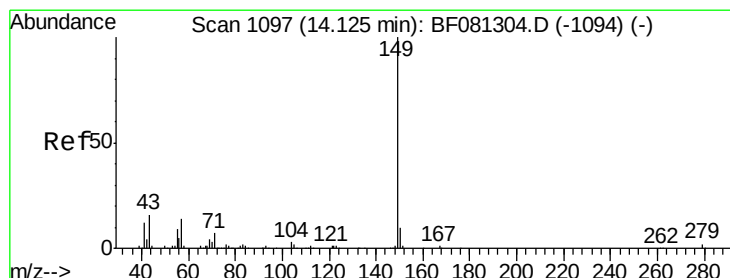
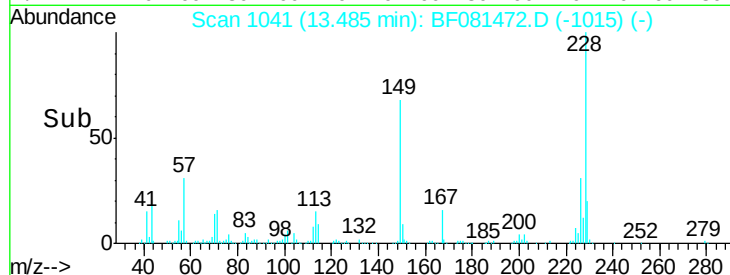
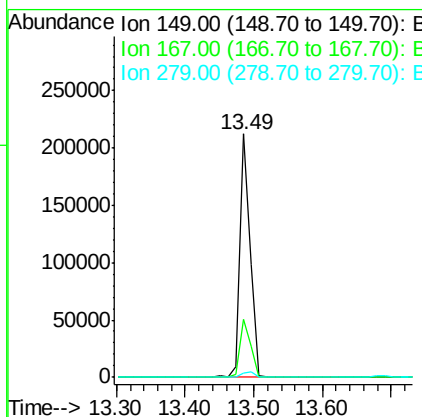
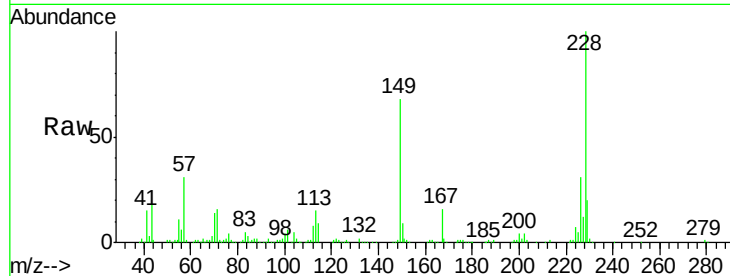
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.12 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	225129		
167	24.0	24.2	36.2#	
279	1.5	3.8	5.6#	

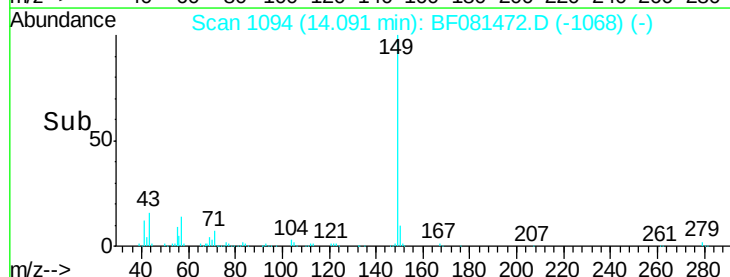
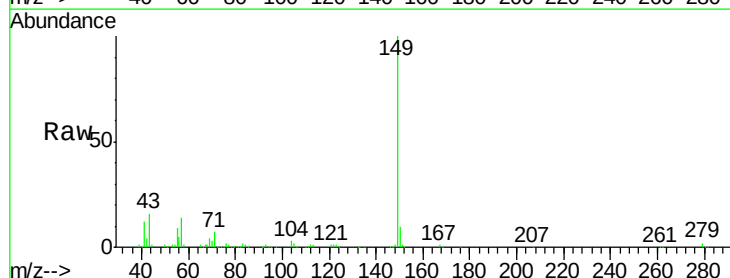
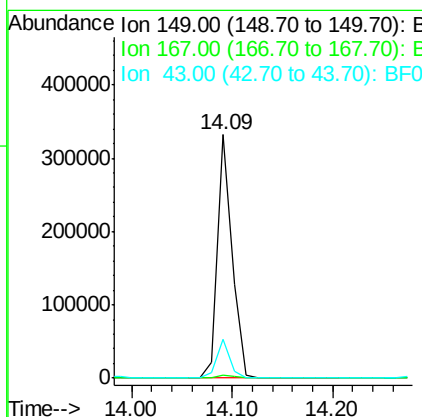
Manual Integrations
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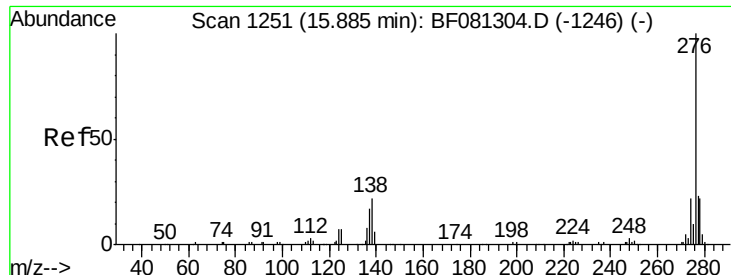
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#84
 Di-n-octyl phthalate
 Concen: 40.73 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

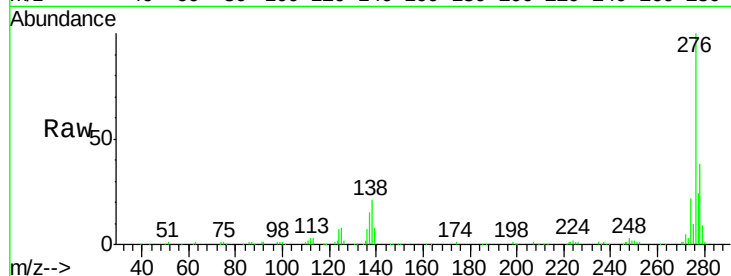
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	334627		
167	1.3	1.0	1.6	
43	14.6	10.2	15.2	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.44 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

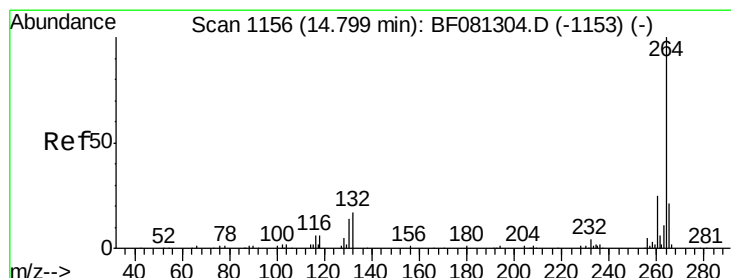
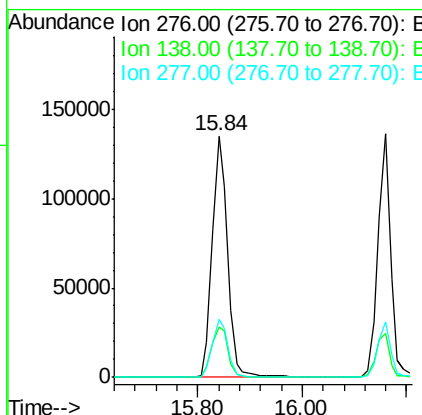
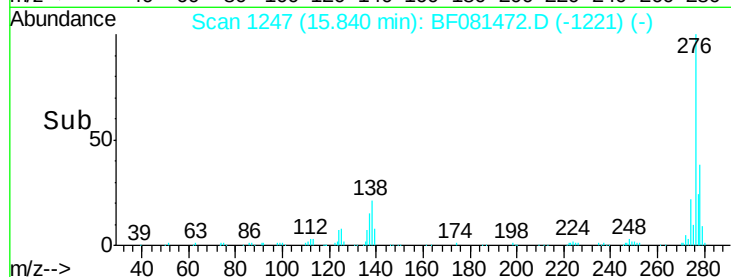
Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	277434		
138	22.6	25.7	38.5#	
277	24.3	15.6	23.4#	

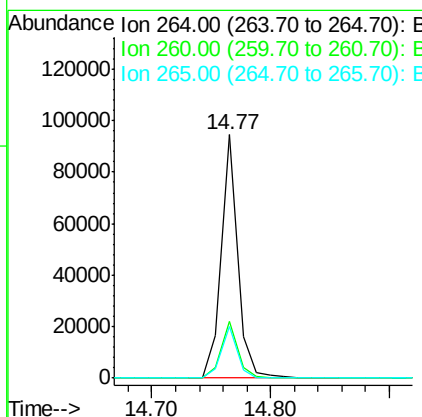
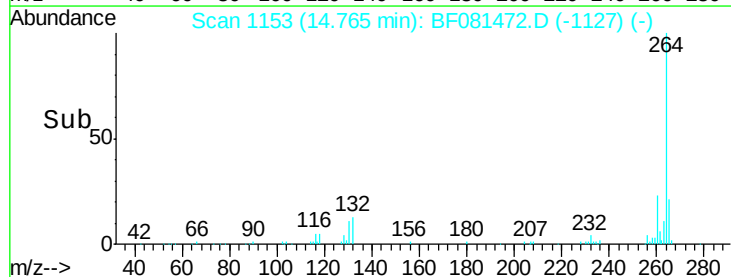
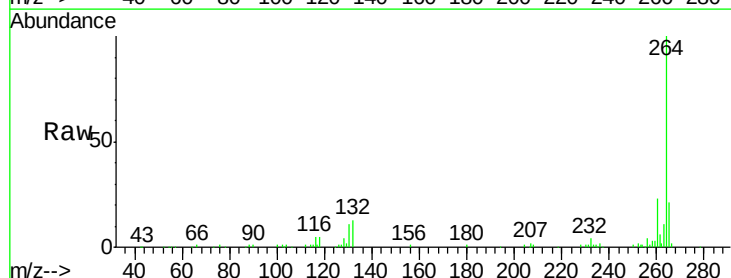
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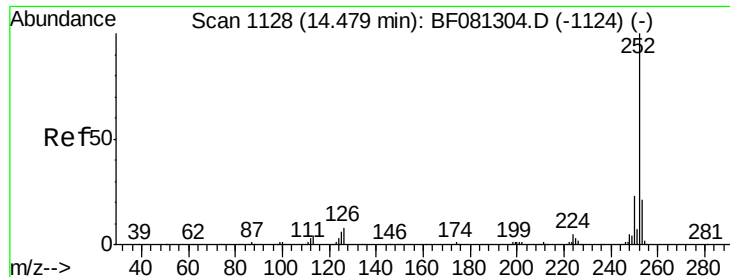
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	90296		
260	23.1	16.7	25.1	
265	21.0	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 49.62 ng m

RT: 14.45 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF081472.D

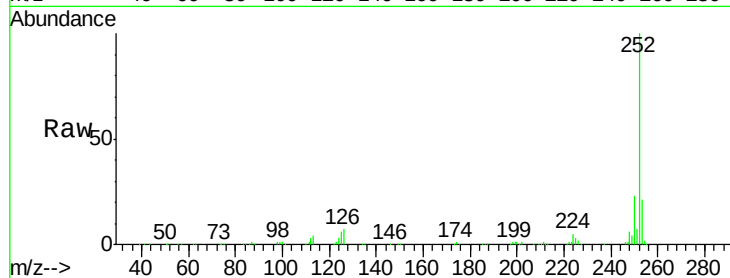
Acq: 5 Sep 2015 18:54

Instrument :

BNA_F

ClientSampleId :

MGP2240BR-23-25MS



Tgt Ion: 252 Resp: 319865

Ion Ratio Lower Upper

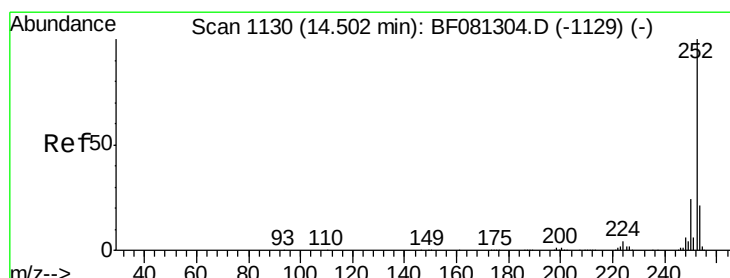
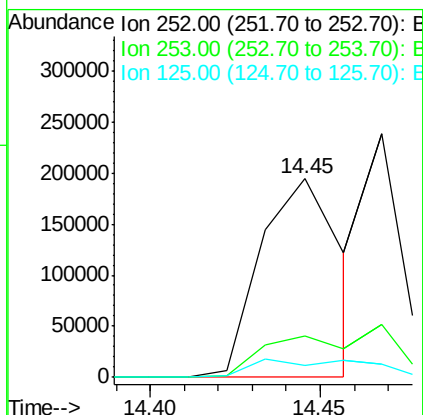
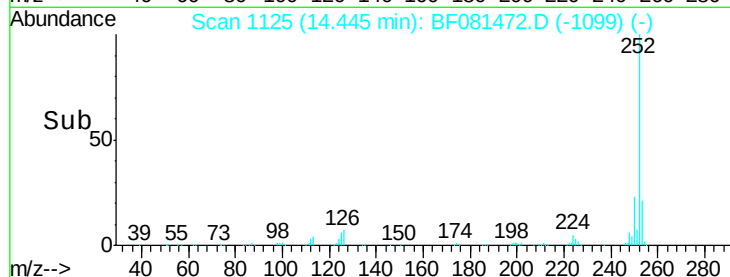
252 100

253 21.0 17.5 26.3

125 5.7 17.1 25.7#

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#88

Benzo(k)fluoranthene

Concen: 33.22 ng m

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF081472.D

Acq: 5 Sep 2015 18:54

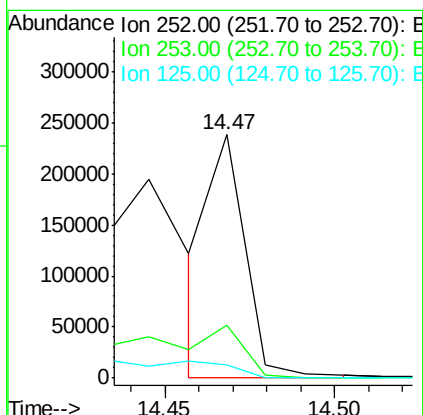
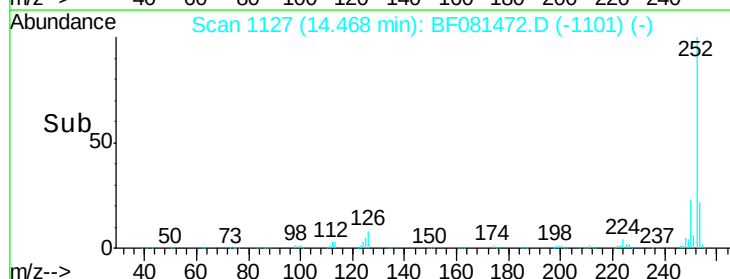
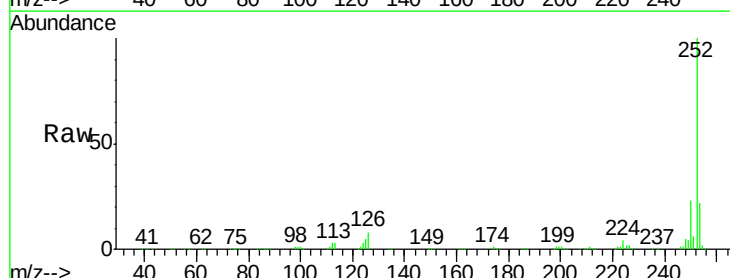
Tgt Ion: 252 Resp: 177691

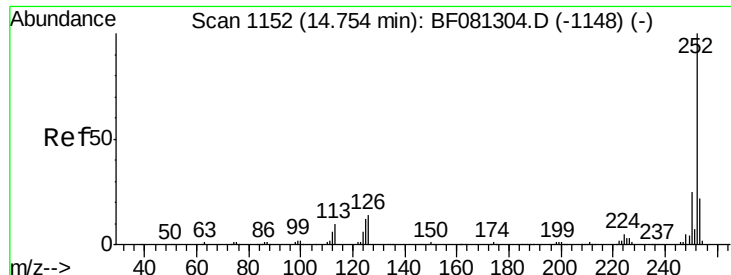
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 5.5 16.0 24.0#





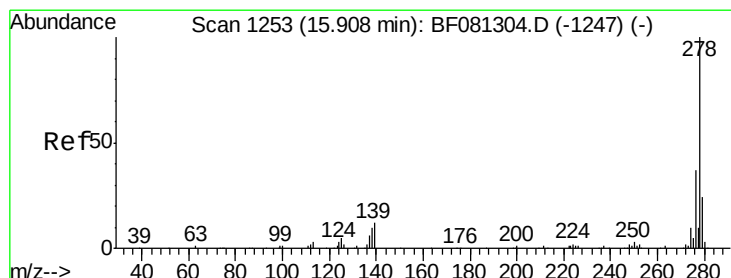
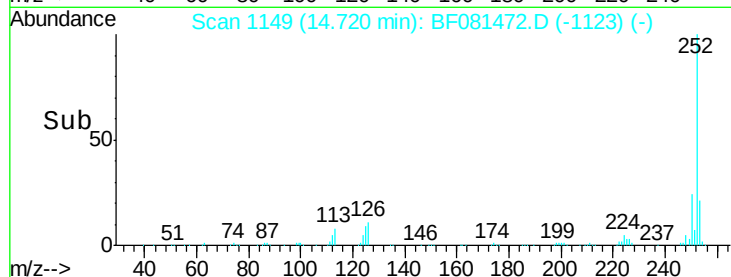
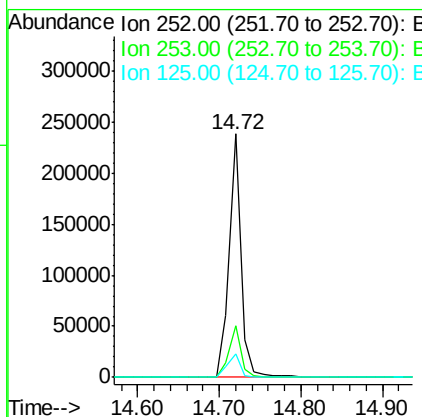
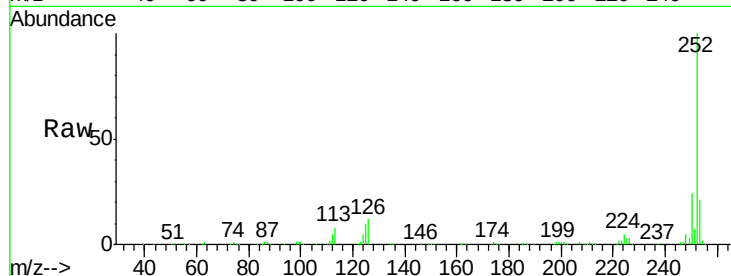
#89
Benzo(a)pyrene
Concen: 44.40 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.3	17.2	25.8
125	9.7	18.0	27.0#

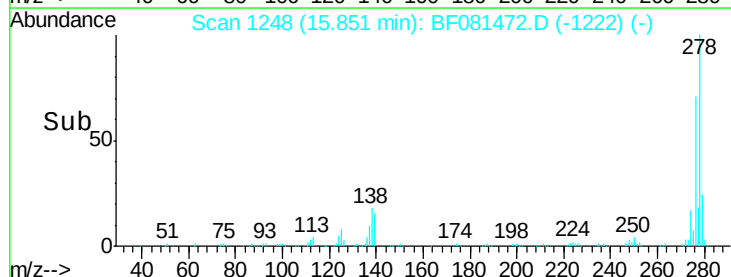
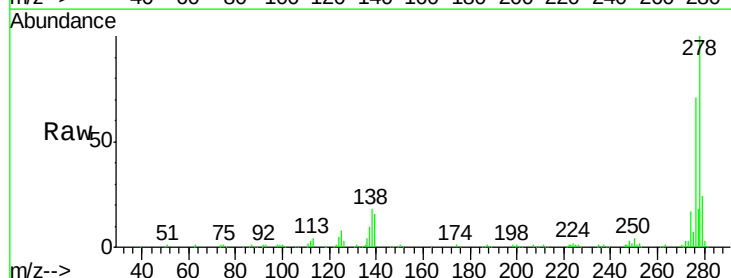
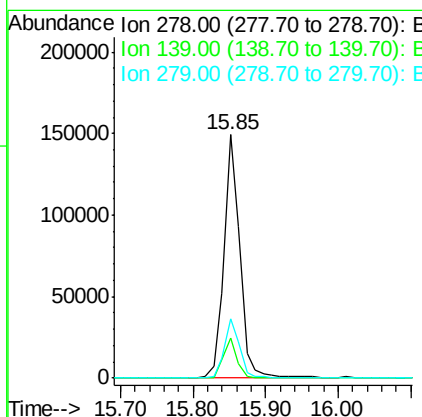
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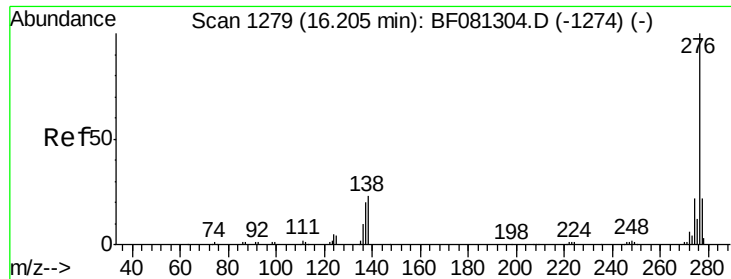
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 53.99 ng
RT: 15.85 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF081472.D
Acq: 5 Sep 2015 18:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.3	26.3	39.5#
279	24.4	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 58.50 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081472.D
 Acq: 5 Sep 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MGP2240BR-23-25MS

Tgt Ion:	276	Resp:	235696
Ion Ratio	Lower	Upper	
276	100		
277	22.6	17.8	26.6
138	18.2	34.6	51.8#

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