

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027301.D
 Acq On : 8 Jun 2017 2:30
 Operator : SJ/MA
 Sample : I3479-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Manual Integrations
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 6/8/2017 2:23:05 PM

Quant Time: Jun 08 07:24:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51160	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	252350	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	164233	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	382089	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	443390	20.00	ng	-0.03
86) Perylene-d12	25.96	264	406750	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	592582	176.75	ng	-0.01
7) Phenol-d6	7.70	99	871332	177.05	ng	0.00
23) Nitrobenzene-d5	9.72	82	484957	120.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	372047	172.03	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	1136092	96.78	ng	-0.03
78) Terphenyl-d14	20.47	244	1638093	94.25	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.15	88	56390	40.56	ng	# 83
3) Pyridine	4.53	79	180600	42.14	ng	# 76
4) n-Nitrosodimethylamine	4.44	42	82183	51.79	ng	# 50
6) Aniline	7.88	93	267502	43.16	ng	93
8) 2-Chlorophenol	8.12	128	209433	59.16	ng	92
9) Benzaldehyde	7.70	77	108644	31.93	ng	88
10) Phenol	7.72	94	332049	65.98	ng	76
11) bis(2-Chloroethyl)ether	7.97	93	210173	50.90	ng	87
12) 1,3-Dichlorobenzene	8.45	146	193388m	48.43	ng	
13) 1,4-Dichlorobenzene	8.59	146	198694	48.49	ng	95
14) 1,2-Dichlorobenzene	8.92	146	192806	48.24	ng	94
15) Benzyl Alcohol	8.78	79	215499	62.15	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.07	45	329323	55.75	ng	92
17) 2-Methylphenol	8.98	107	209918	59.01	ng	# 86
18) Hexachloroethane	9.65	117	70356	50.97	ng	86
19) n-Nitroso-di-n-propylamine	9.35	70	187193	54.37	ng	# 84
20) 3+4-Methylphenols	9.30	107	290267	58.90	ng	89
22) Acetophenone	9.38	105	332927	51.59	ng	# 83
24) Nitrobenzene	9.76	77	262380	57.40	ng	# 86
25) Isophorone	10.29	82	519265	55.03	ng	# 97
26) 2-Nitrophenol	10.48	139	112994	58.16	ng	# 78
27) 2,4-Dimethylphenol	10.52	122	243570	60.04	ng	91
28) bis(2-Chloroethoxy)methane	10.76	93	320686	52.49	ng	99
29) 2,4-Dichlorophenol	11.01	162	220146	59.44	ng	98
30) 1,2,4-Trichlorobenzene	11.23	180	201209	49.07	ng	96
31) Naphthalene	11.43	128	673994	48.87	ng	99
32) Benzoic acid	10.56	122	17836	13.32	ng	# 83
33) 4-Chloroaniline	11.53	127	131455	22.87	ng	# 88
34) Hexachlorobutadiene	11.70	225	119721	47.50	ng	98
35) Caprolactam	12.30	113	82991m	65.34	ng	
36) 4-Chloro-3-methylphenol	12.60	107	276538	59.58	ng	96
37) 2-Methylnaphthalene	12.99	142	503999m	50.10	ng	
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	242763	47.45	ng	98
40) Hexachlorocyclopentadiene	13.33	237	297760	109.34	ng	96

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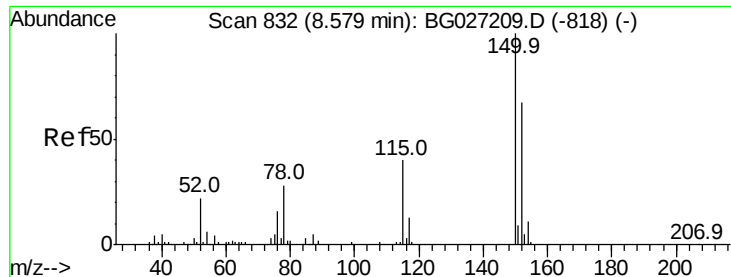
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	178829	57.63	nq	97
43) 2,4,5-Trichlorophenol	13.65	196	197523	56.88	nq	96
45) 1,1'-Biphenyl	13.98	154	667669	49.81	nq	97
46) 2-Chloronaphthalene	14.03	162	505697	50.32	nq	99
47) 2-Nitroaniline	14.22	65	185787	62.58	nq	# 84
48) Acenaphthylene	14.87	152	823754	48.43	nq	98
49) Dimethylphthalate	14.58	163	880656	67.60	nq	98
50) 2,6-Dinitrotoluene	14.70	165	147324	54.77	nq	# 79
51) Acenaphthene	15.20	154	555913	50.25	nq	100
52) 3-Nitroaniline	15.03	138	99168	37.18	nq	90
53) 2,4-Dinitrophenol	15.23	184	79738	67.45	nq	# 62
54) Dibenzofuran	15.53	168	803437	51.96	nq	94
55) 4-Nitrophenol	15.32	139	269180	107.13	nq	# 56
56) 2,4-Dinitrotoluene	15.49	165	204731	58.65	nq	# 87
57) Fluorene	16.19	166	658463	47.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	185459	59.83	nq	98
59) Diethylphthalate	15.93	149	687436	52.90	nq	99
60) 4-Chlorophenyl-phenylether	16.16	204	337578	48.80	nq	96
61) 4-Nitroaniline	16.20	138	158691	55.45	nq	# 65
62) Azobenzene	16.46	77	706023	58.62	nq	90
64) 4,6-Dinitro-2-methylphenol	16.24	198	102904	56.85	nq	85
65) n-Nitrosodiphenylamine	16.38	169	596132	49.77	nq	99
66) 4-Bromophenyl-phenylether	17.06	248	219955	48.64	nq	94
67) Hexachlorobenzene	17.19	284	236515	48.62	nq	# 89
68) Atrazine	17.32	200	222419	55.52	nq	96
69) Pentachlorophenol	17.53	266	304920	106.94	nq	97
70) Phenanthrene	17.94	178	1057778	49.21	nq	96
71) Anthracene	18.02	178	1062757	49.35	nq	99
72) Carbazole	18.29	167	962730	47.39	nq	95
73) Di-n-butylphthalate	18.82	149	1150023	58.39	nq	# 94
74) Fluoranthene	19.92	202	1189568	51.80	nq	94
76) Benzidine	20.09	184	679832	50.90	nq	97
77) Pyrene	20.29	202	1225602	45.75	nq	98
79) Butylbenzylphthalate	21.17	149	527460	55.72	nq	92
80) Benzo(a)anthracene	22.25	228	1217028	48.13	nq	96
81) 3,3'-Dichlorobenzidine	22.15	252	268690	27.31	nq	98
82) Chrysene	22.33	228	1149060	47.33	nq	97
83) Bis(2-ethylhexyl)phthalate	22.11	149	756155	52.86	nq	99
84) Di-n-octyl phthalate	23.49	149	1290085	54.45	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.23	276	1450768	49.34	nq	# 94
87) Benzo(b)fluoranthene	24.79	252	1237003	49.04	nq	# 97
88) Benzo(k)fluoranthene	24.86	252	1217086	49.18	nq	# 95
89) Benzo(a)pyrene	25.79	252	1190762	50.14	nq	# 94
90) Dibenzo(a,h)anthracene	30.30	278	1241808	49.95	nq	# 95
91) Benzo(g,h,i)perylene	31.56	276	1173667	48.75	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

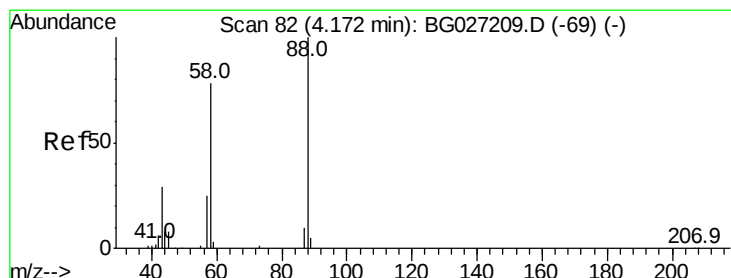
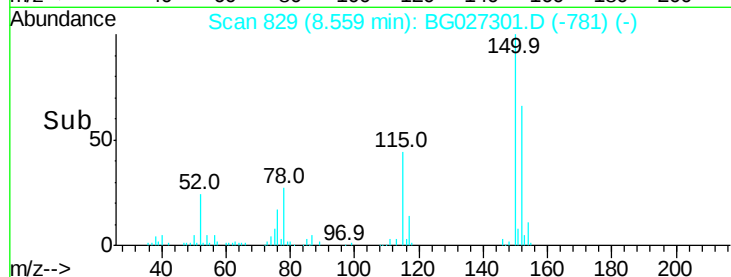
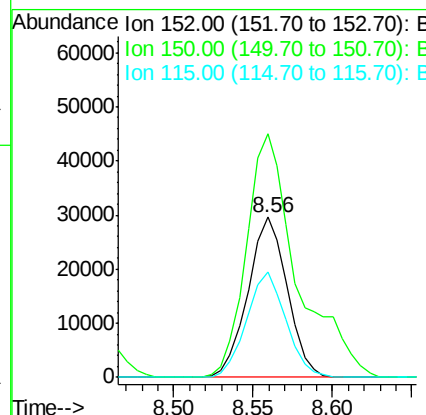
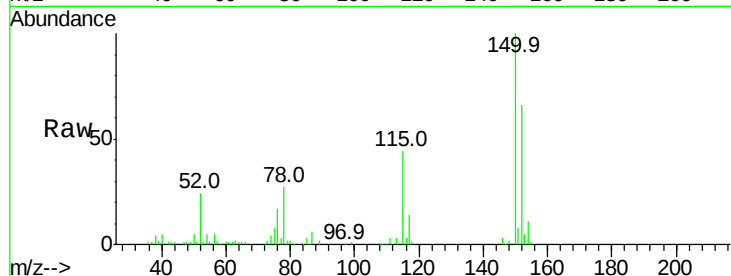
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	114.0	171.0
115	66.2	48.1	72.1

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#2

1,4-Dioxane

Concen: 40.56 ng

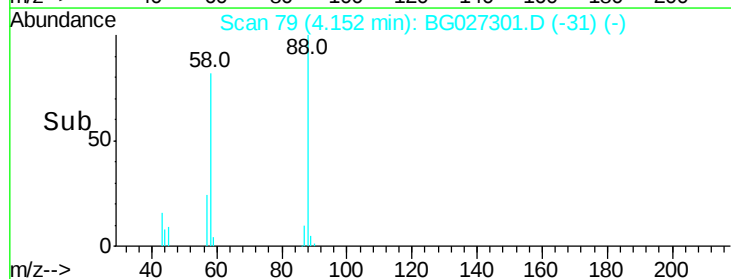
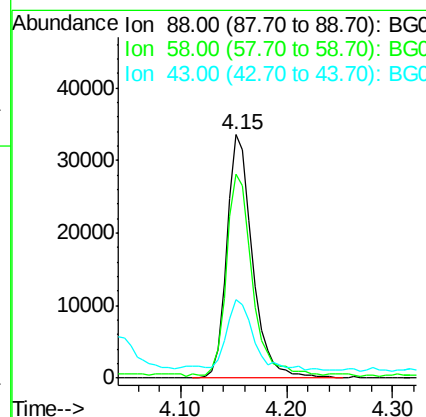
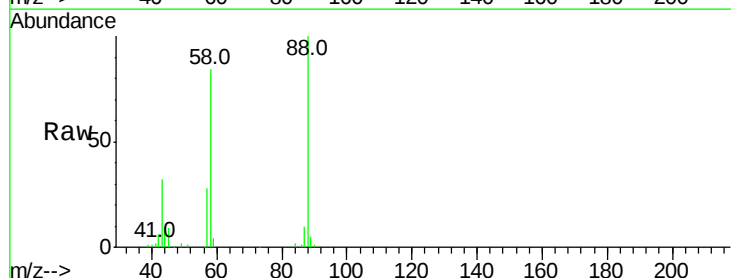
RT: 4.15 min Scan# 79

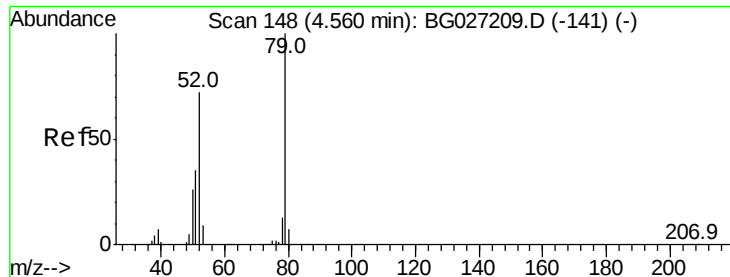
Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	79.4	119.2
43	28.8	33.8	50.6#





#3

Pvridine

Concen: 42.14 ng

RT: 4.53 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

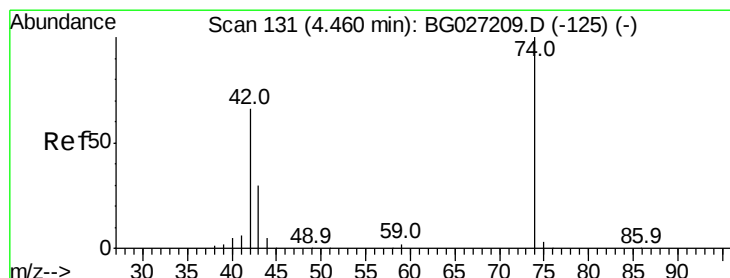
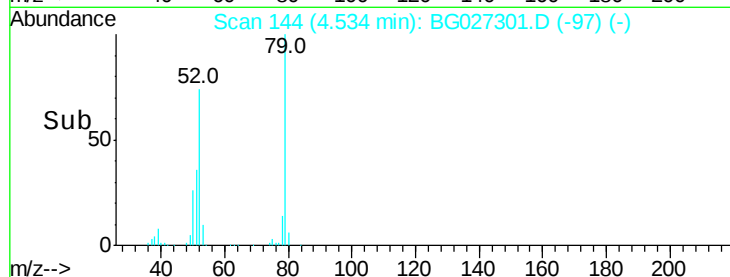
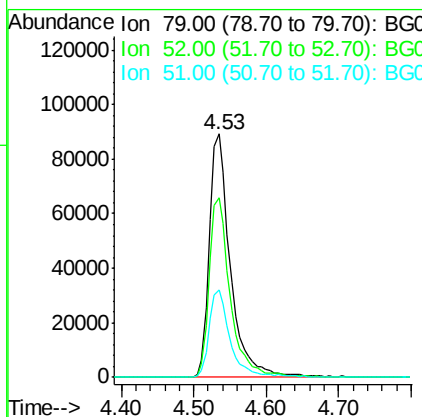
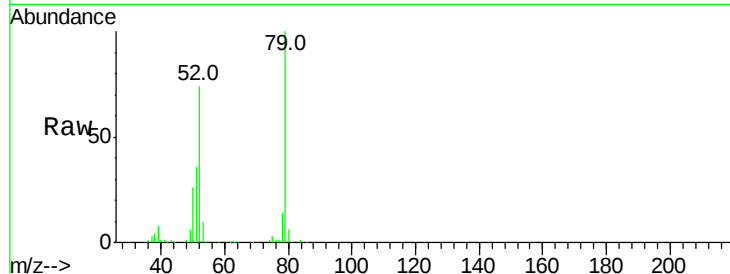
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion:	79	Resp:	180600
Ion Ratio	Lower	Upper	
79	100		
52	74.0	77.8	116.6#
51	35.9	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 51.79 ng

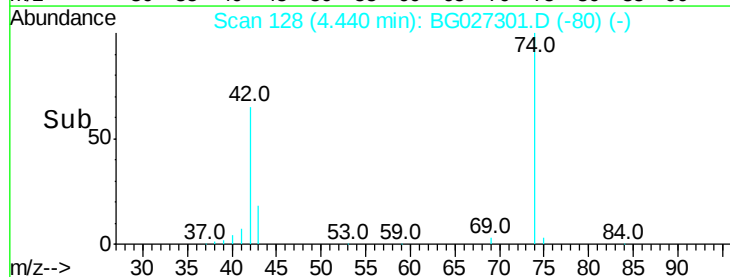
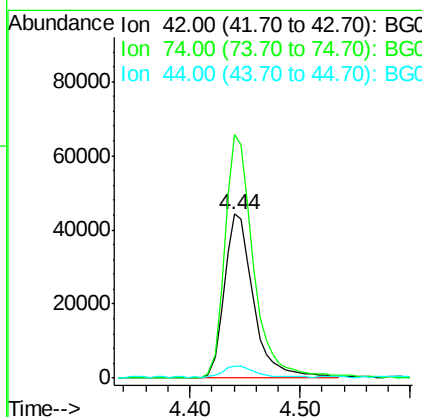
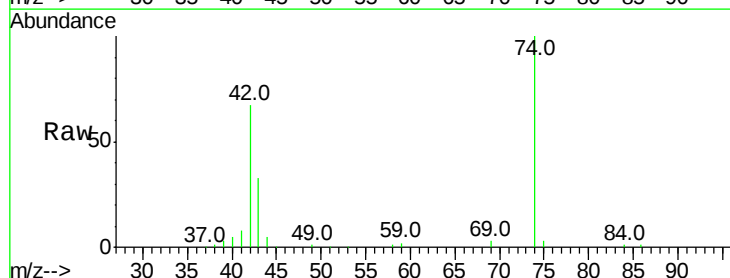
RT: 4.44 min Scan# 128

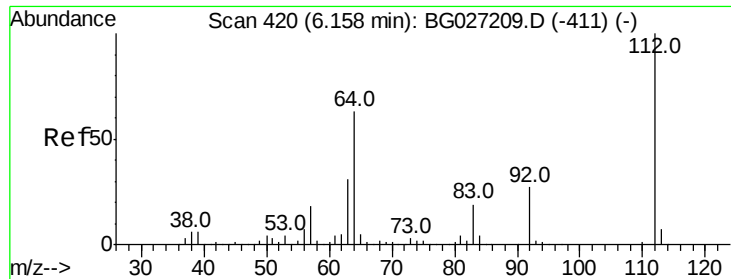
Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion:	42	Resp:	82183
Ion Ratio	Lower	Upper	
42	100		
74	148.5	76.7	115.1#
44	7.6	6.1	9.1





#5

2-Fluorophenol

Concen: 176.75 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

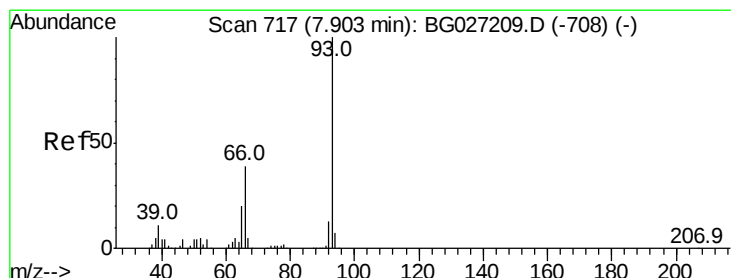
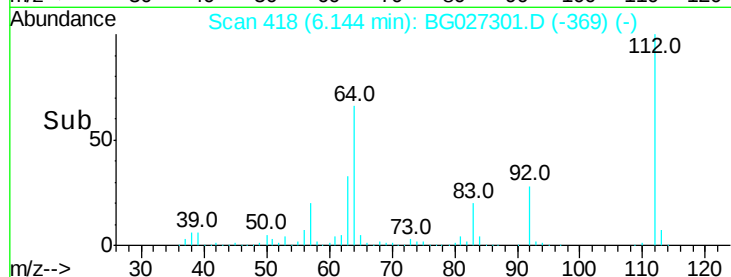
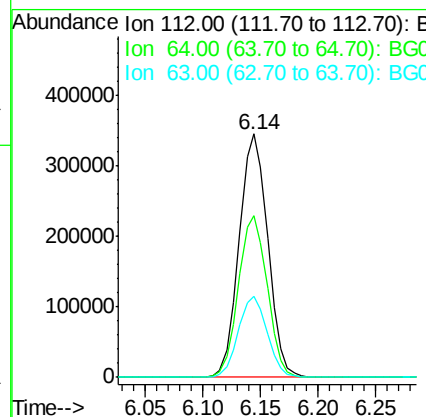
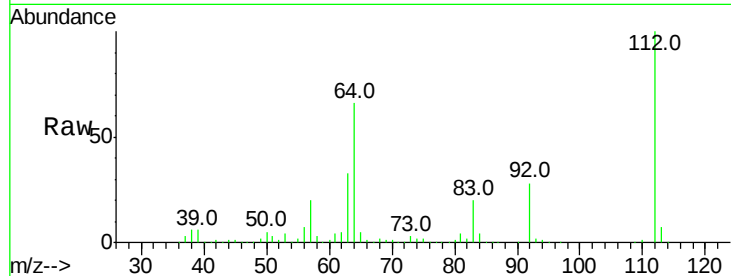
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	66.5	61.8	92.6
63	33.4	37.2	55.8

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#6

Aniline

Concen: 43.16 ng

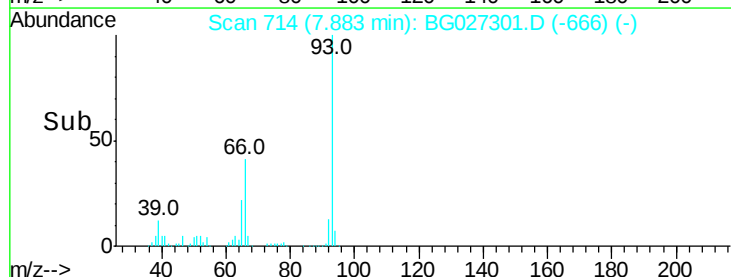
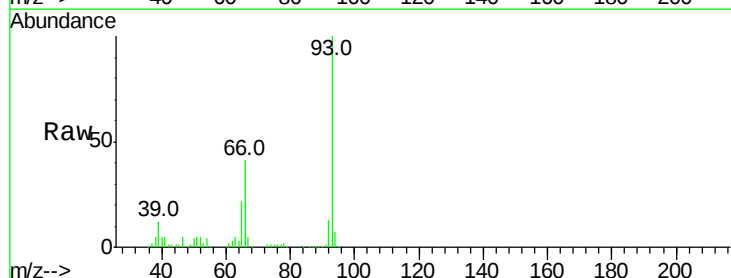
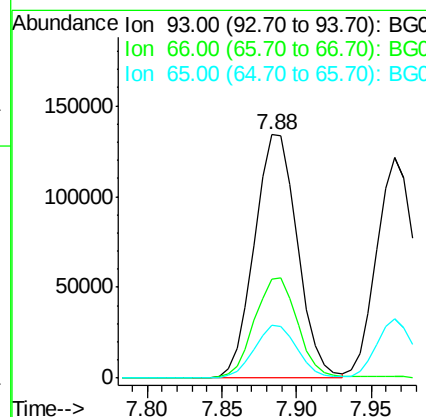
RT: 7.88 min Scan# 714

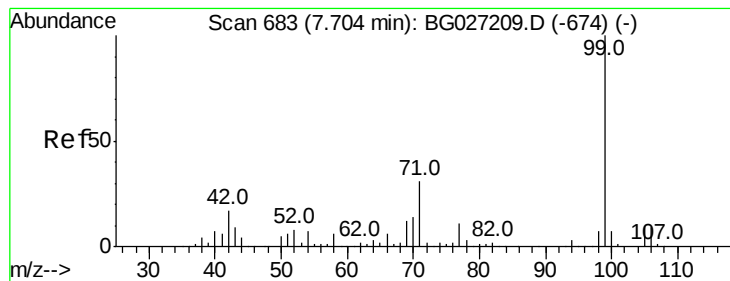
Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	40.9	35.4	53.2
65	22.0	21.2	31.8





#7

Phenol-d6

Concen: 177.05 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion: 99 Resp: 871332

Ion Ratio Lower Upper

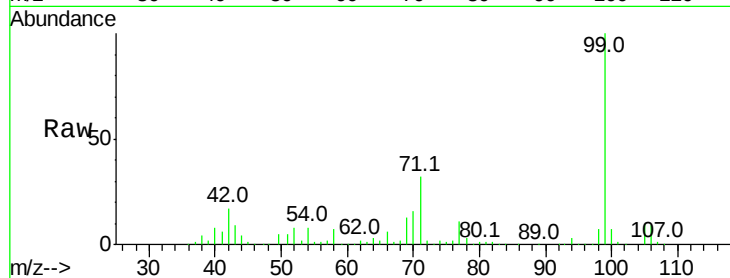
99 100

42 16.8 20.5 30.7#

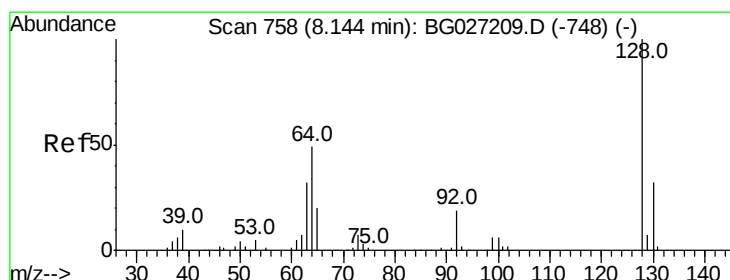
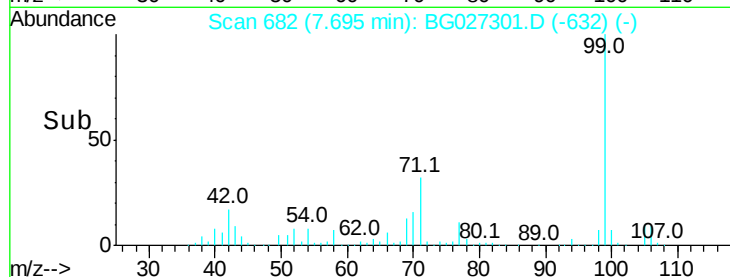
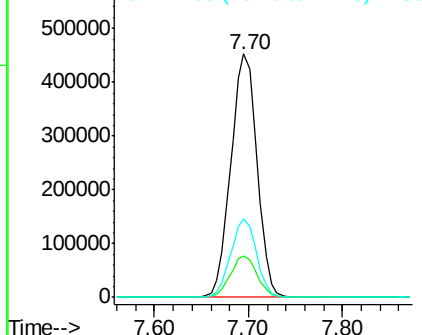
71 32.3 37.6 56.4#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 59.16 ng

RT: 8.12 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

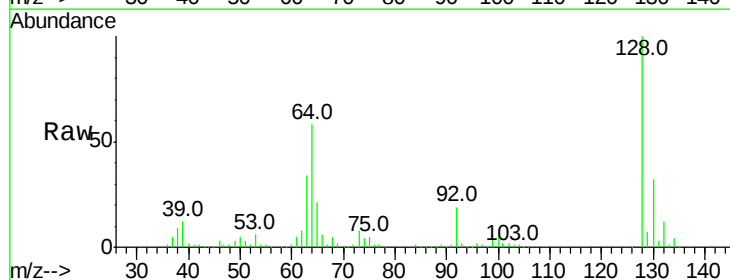
Tgt Ion: 128 Resp: 209433

Ion Ratio Lower Upper

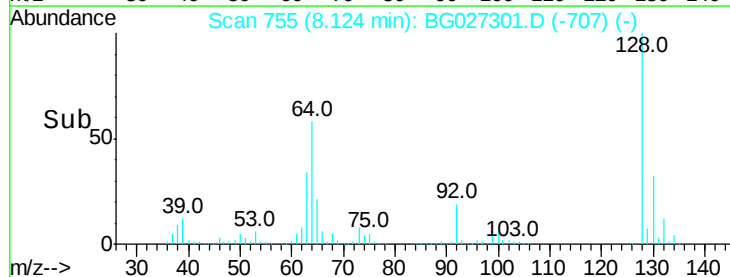
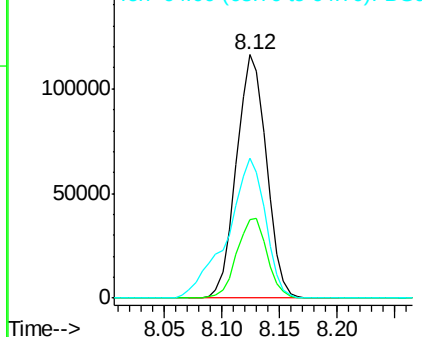
128 100

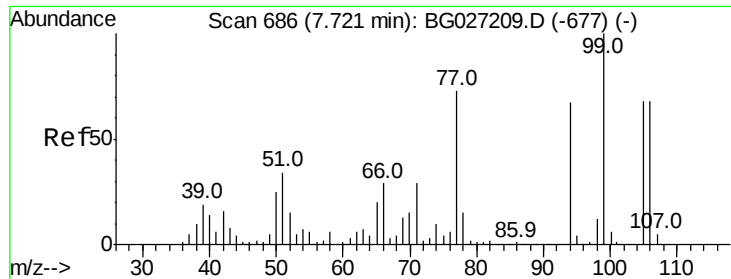
130 32.0 11.4 51.4

64 57.7 46.6 86.6



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





#9

Benzaldehyde

Concen: 31.93 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

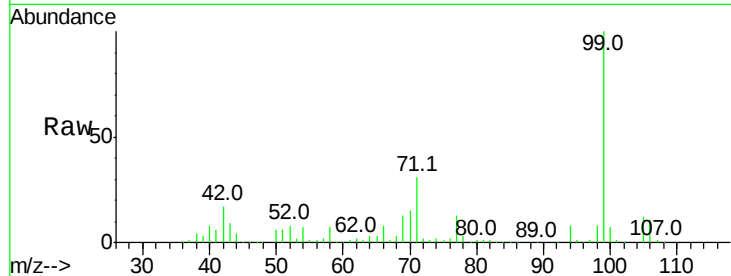
ClientSampleId :

SB-4(7-9)20170604MSD

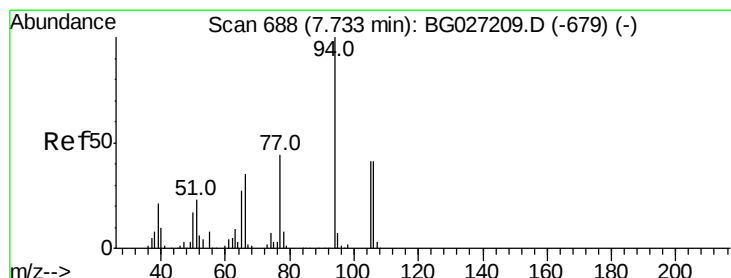
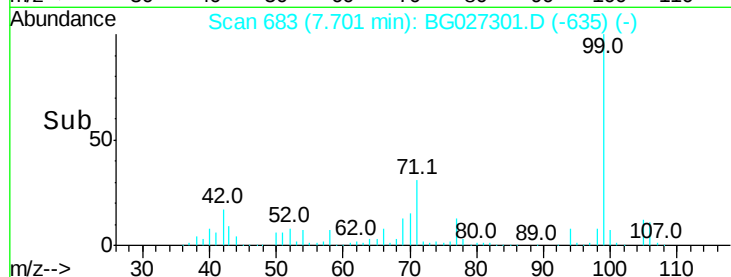
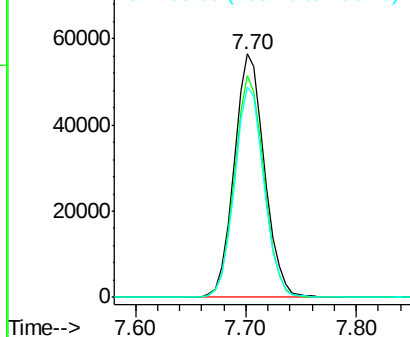
Tot Ion:	77	Resp:	108644
Ion Ratio	Lower	Upper	
77	100		
105	91.1	60.9	100.9
106	86.4	55.1	95.1

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 65.98 ng

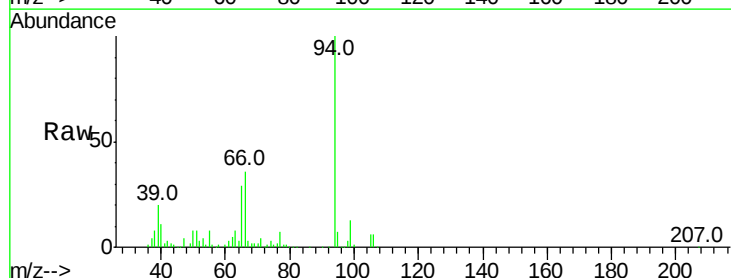
RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

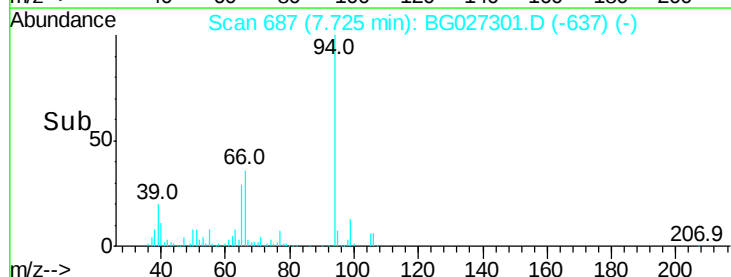
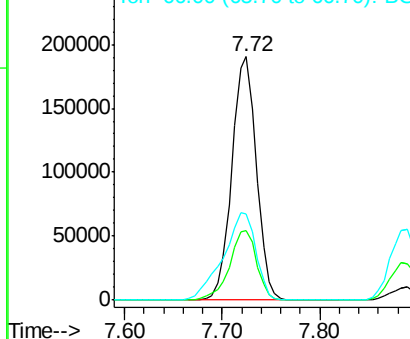
Lab File: BG027301.D

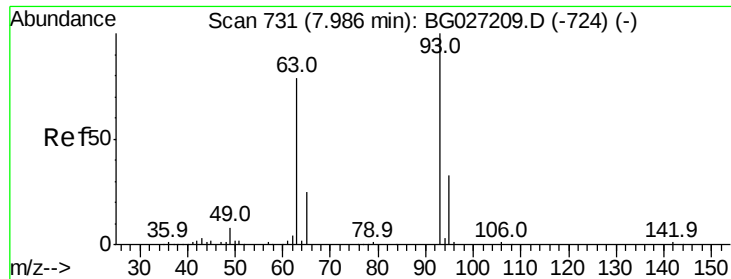
Acq: 8 Jun 2017 2:30

Tgt Ion:	94	Resp:	332049
Ion Ratio	Lower	Upper	
94	100		
65	28.6	20.6	60.6
66	35.6	35.5	75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





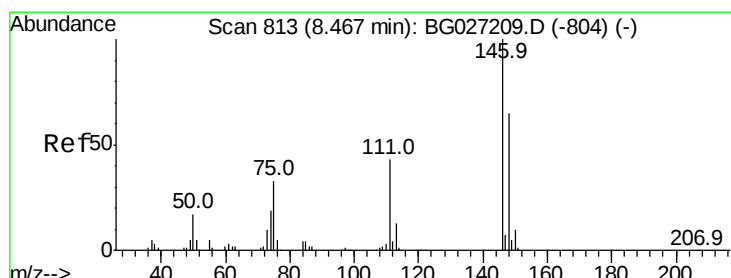
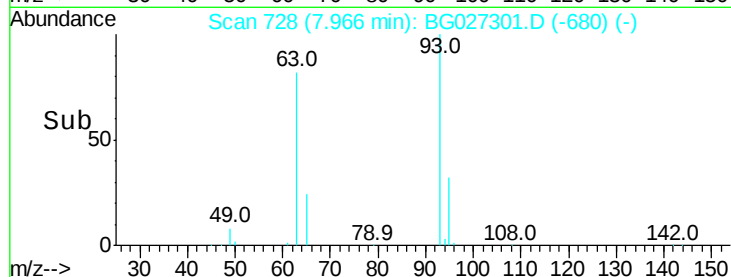
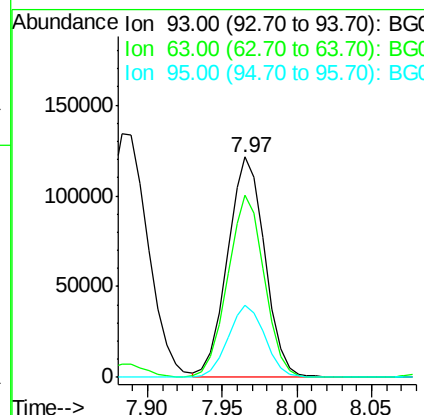
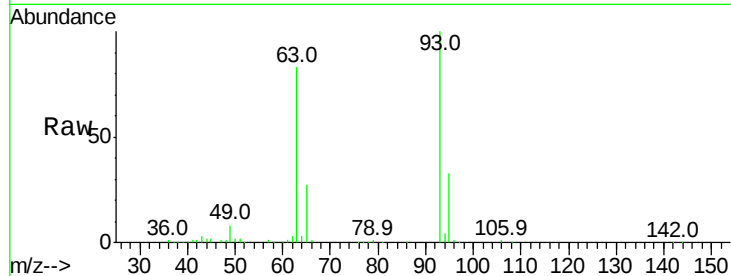
#11
bis(2-Chloroethyl)ether
Concen: 50.90 ng
RT: 7.97 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.8	78.5	118.5
95	32.6	9.8	49.8

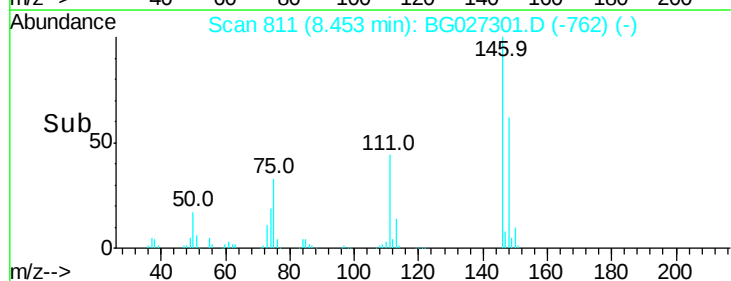
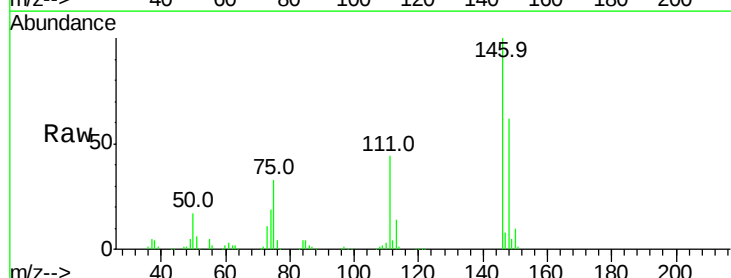
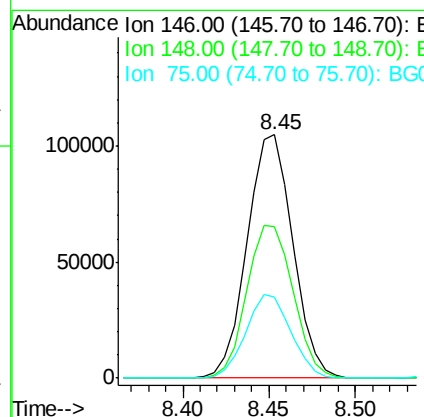
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 48.43 ng m
RT: 8.45 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.2	73.8
75	33.4	33.4	50.2#





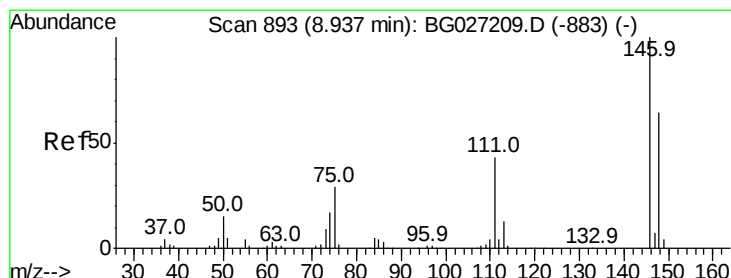
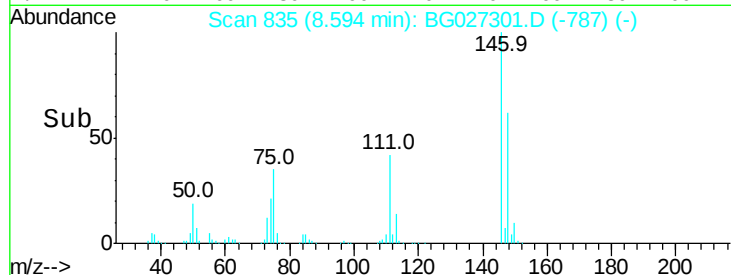
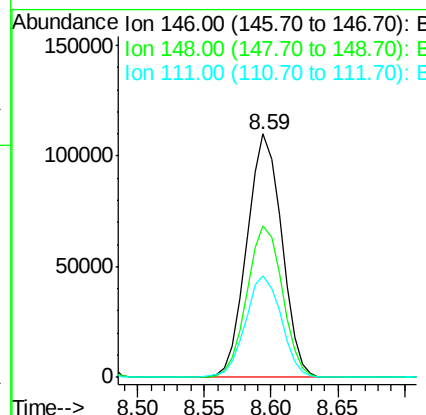
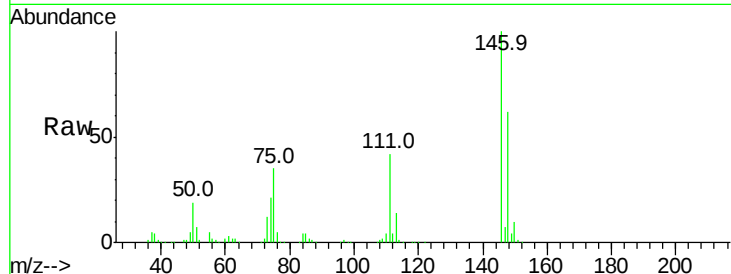
#13
1,4-Dichlorobenzene
Concen: 48.49 ng
RT: 8.59 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198694		
148	62.4	52.2	78.2	
111	41.8	37.0	55.6	

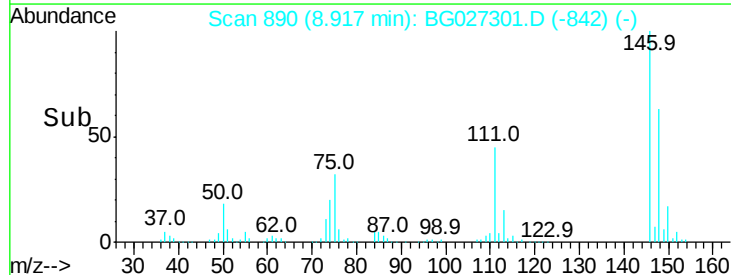
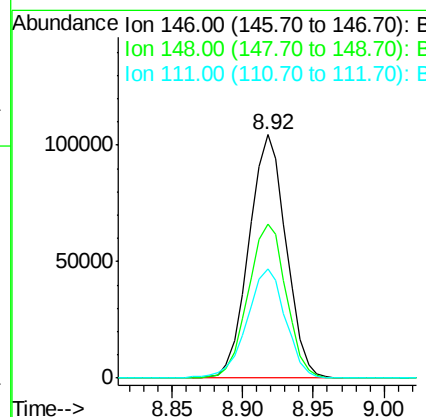
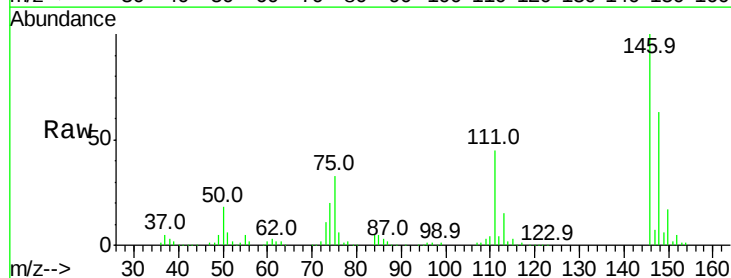
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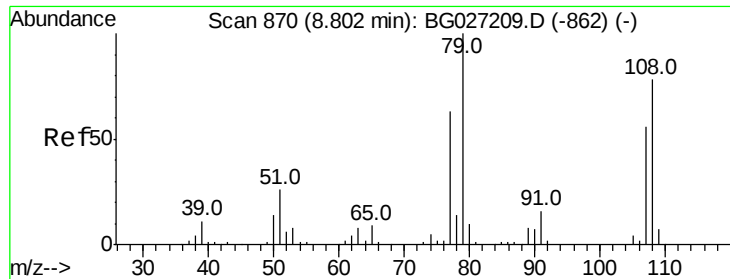
mohammad
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#14
1,2-Dichlorobenzene
Concen: 48.24 ng
RT: 8.92 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192806		
148	63.5	54.6	81.8	
111	44.7	39.7	59.5	





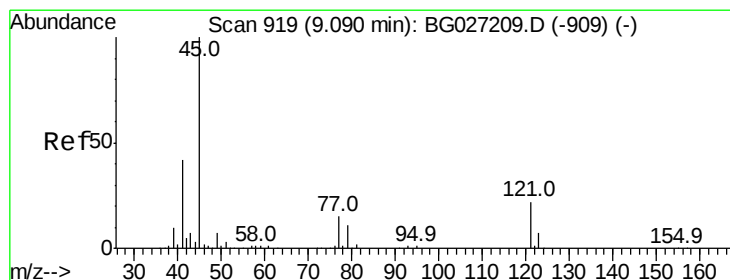
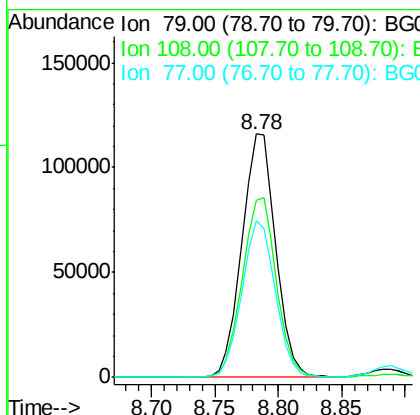
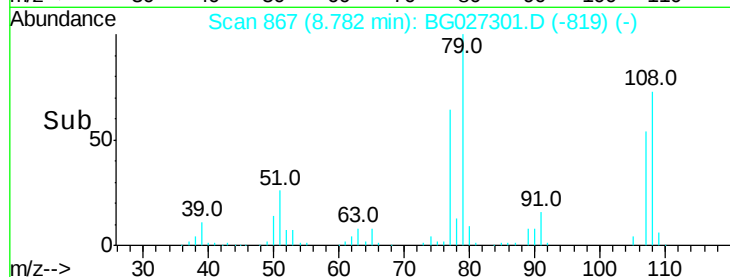
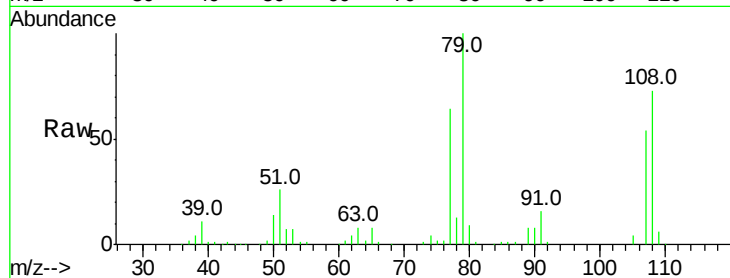
#15
Benzyl Alcohol
Concen: 62.15 ng
RT: 8.78 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	45.5	68.3#
77	64.4	54.3	81.5

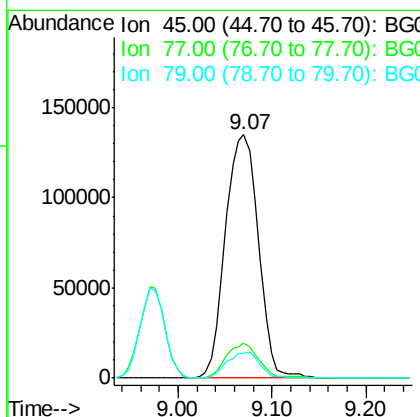
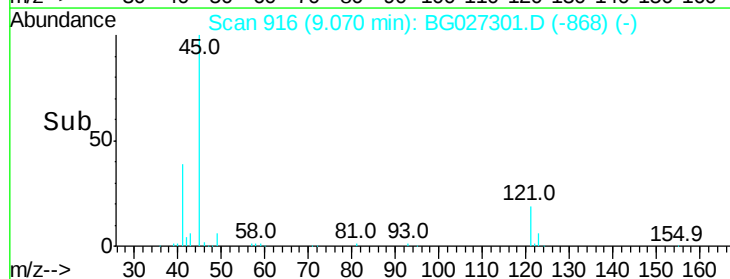
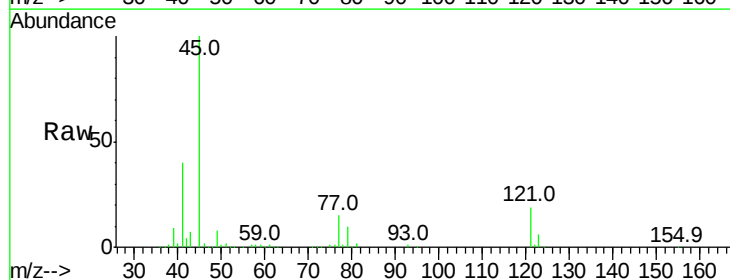
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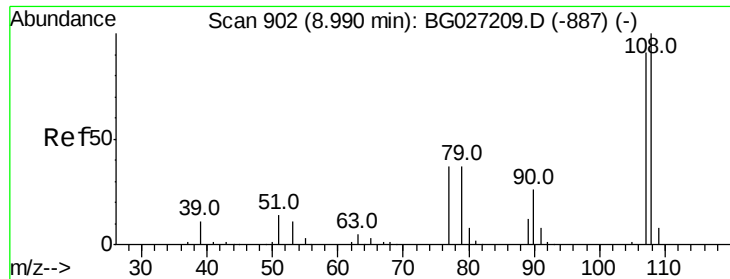
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.75 ng
RT: 9.07 min Scan# 916
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	30.6
79	10.3	0.0	28.5





#17

2-Methylphenol

Concen: 59.01 ng

RT: 8.98 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion:107 Resp: 209918

Ion Ratio Lower Upper

107 100

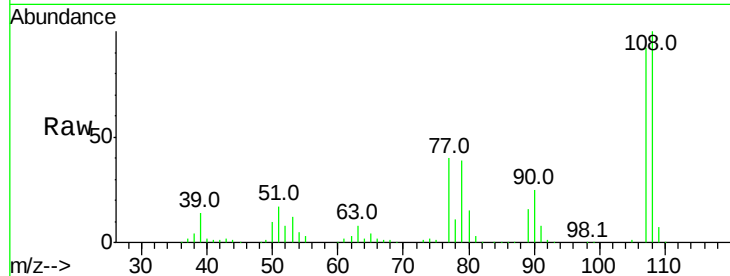
108 109.1 85.6 128.4

77 44.0 51.4 77.2#

79 43.1 49.2 73.8#

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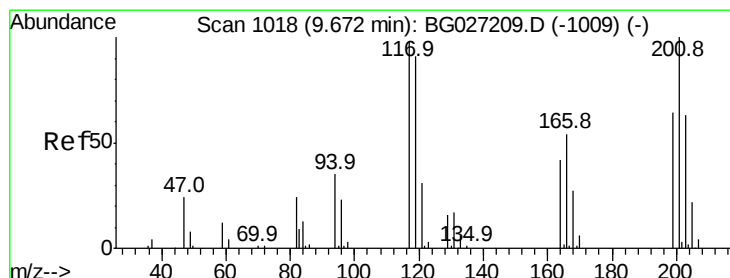
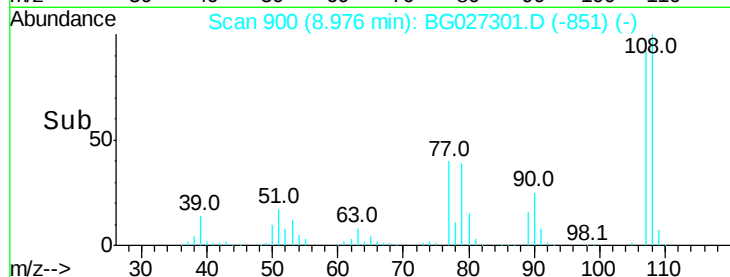
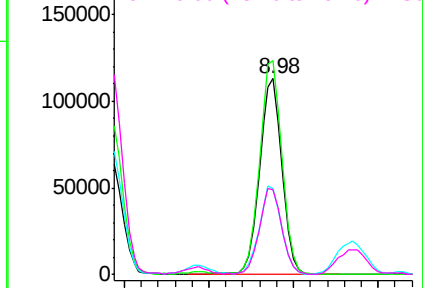


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 50.97 ng

RT: 9.65 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion:117 Resp: 70356

Ion Ratio Lower Upper

117 100

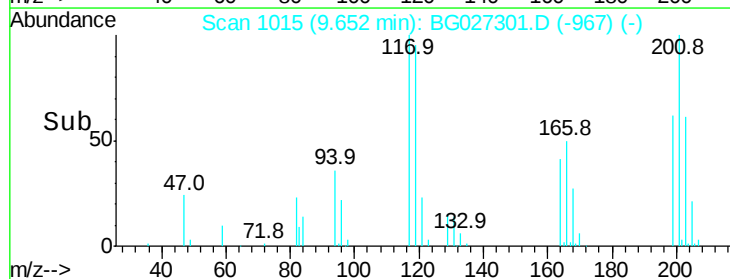
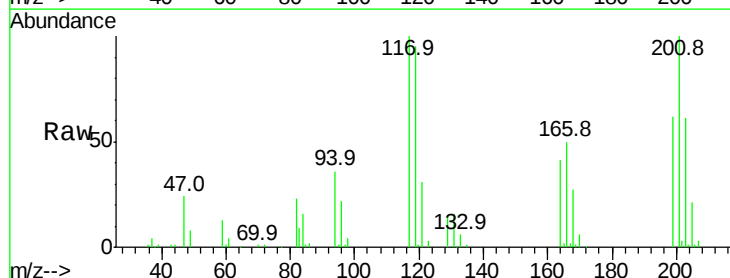
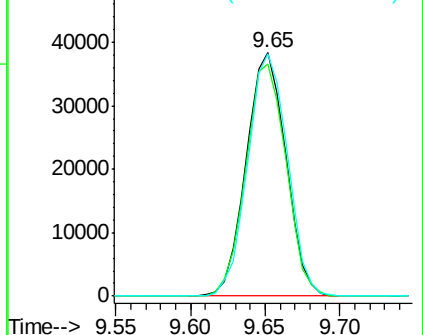
119 95.1 69.8 104.6

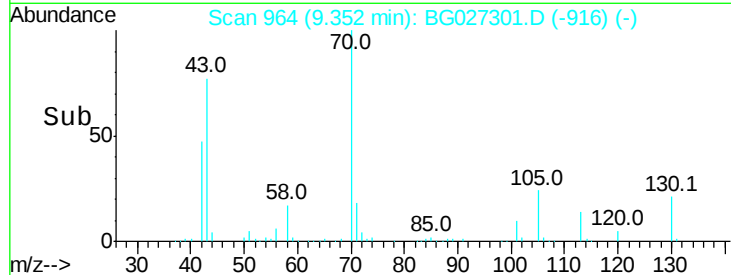
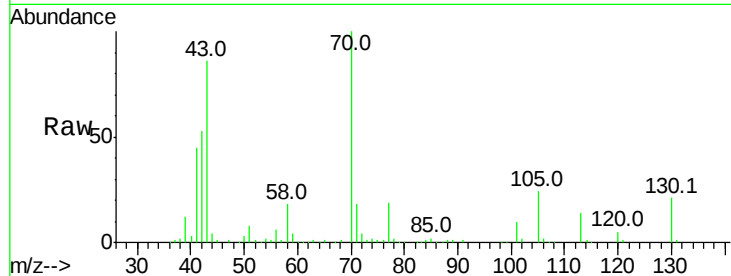
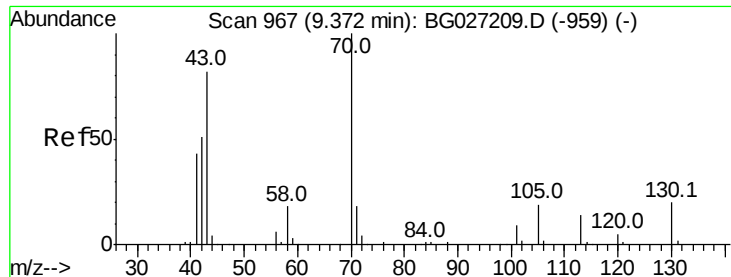
201 99.6 95.4 143.0

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





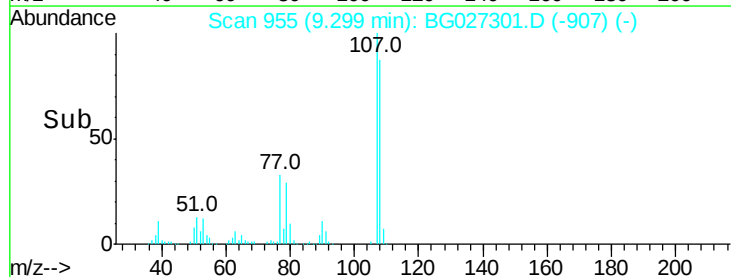
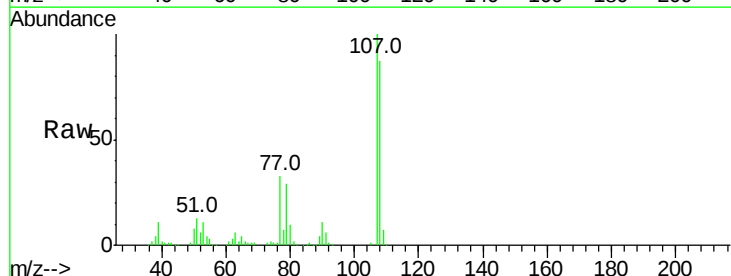
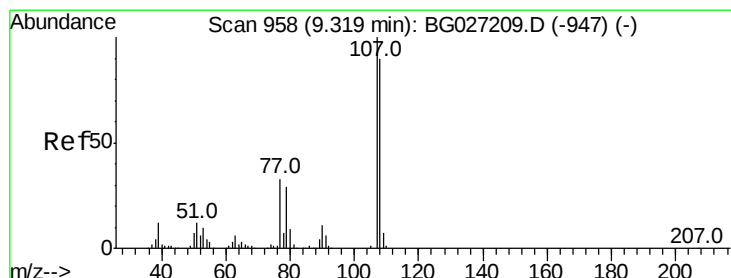
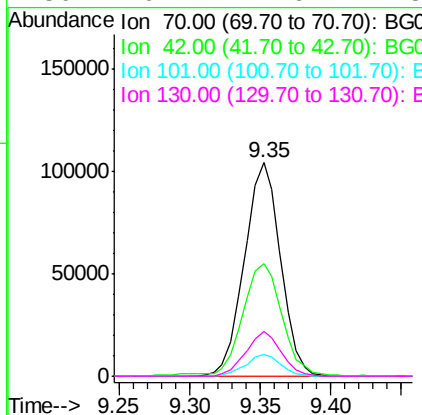
#19
n-Nitroso-di-n-propylamine
Concen: 54.37 ng
RT: 9.35 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		187193		
42	52.7	56.1	84.1#		
101	10.2	7.5	11.3		
130	20.7	14.6	21.8		

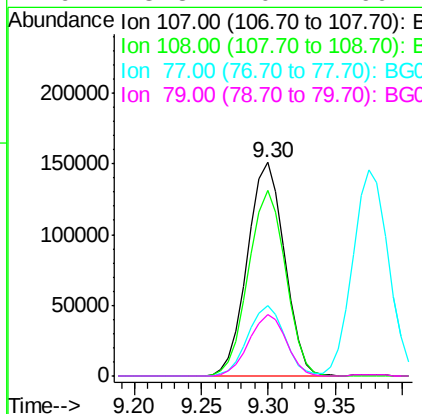
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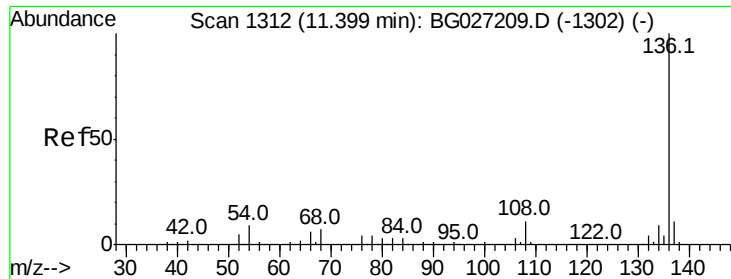
mohammad
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#20
3+4-Methylphenols
Concen: 58.90 ng
RT: 9.30 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		290267		
108	87.1	70.8	110.8		
77	33.0	25.8	65.8		
79	28.8	20.1	60.1		





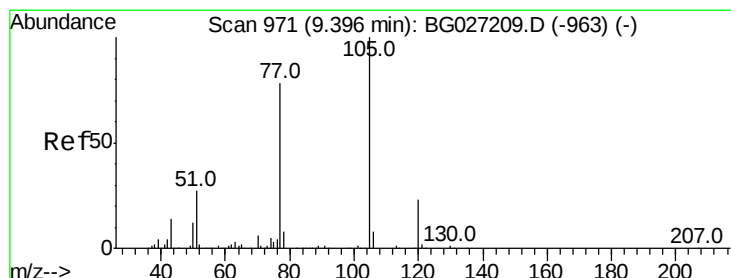
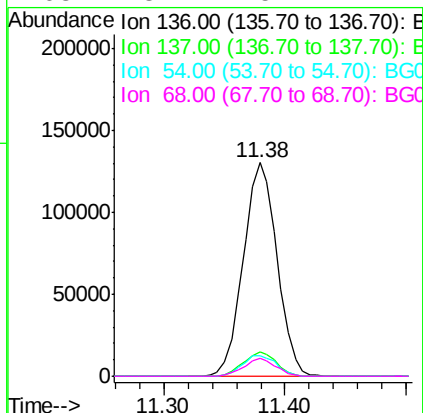
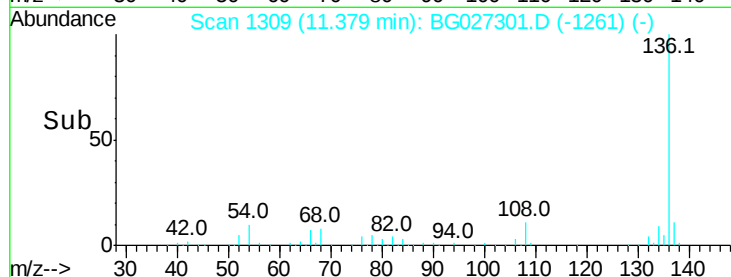
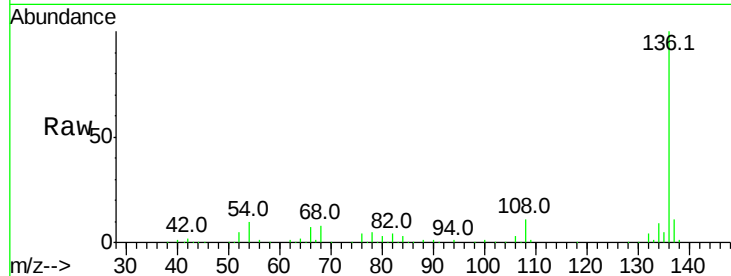
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	9.3	13.9
68	8.1	5.1	7.7#

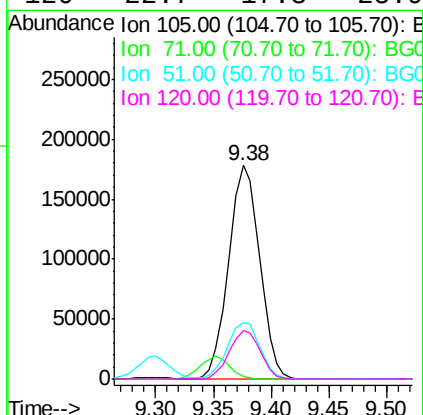
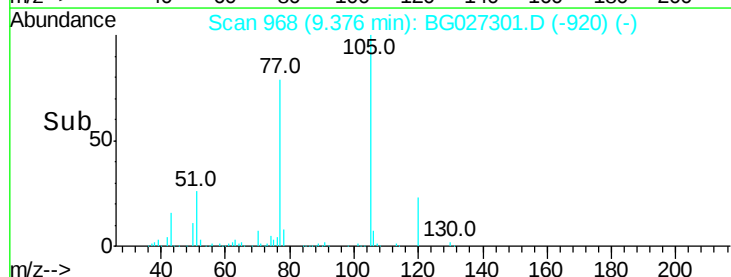
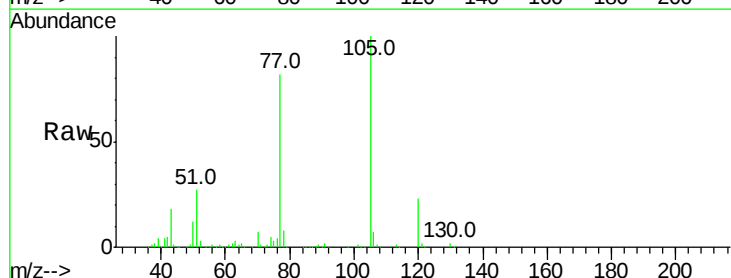
Manual Integrations
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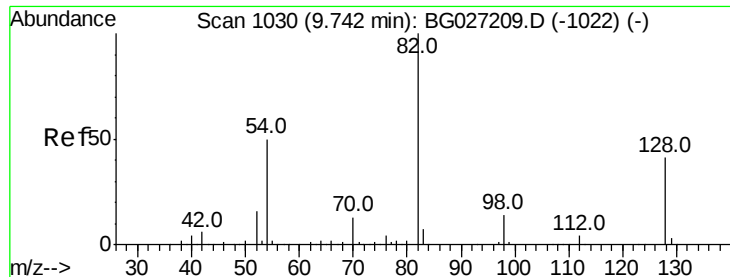
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#22
Acetophenone
Concen: 51.59 ng
RT: 9.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.3	0.9	1.3#
51	26.6	34.0	51.0#
120	22.7	17.3	25.9





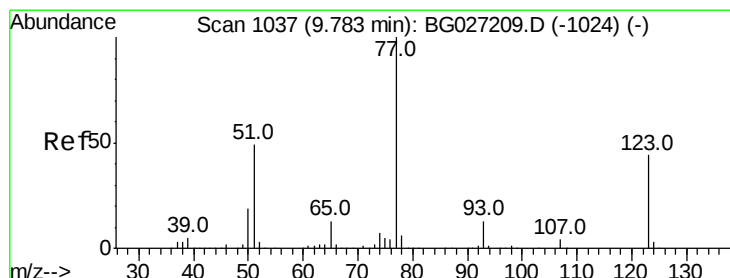
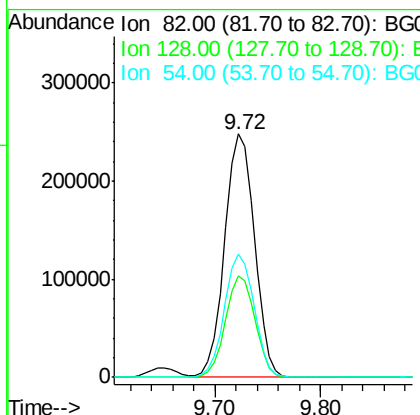
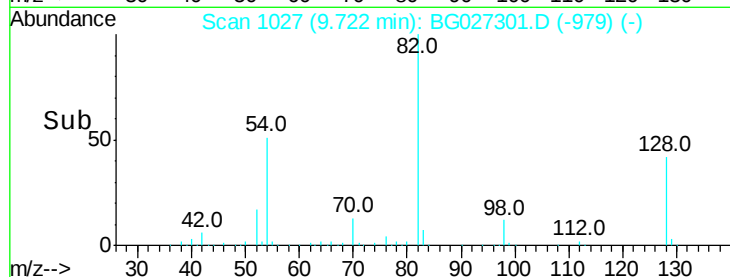
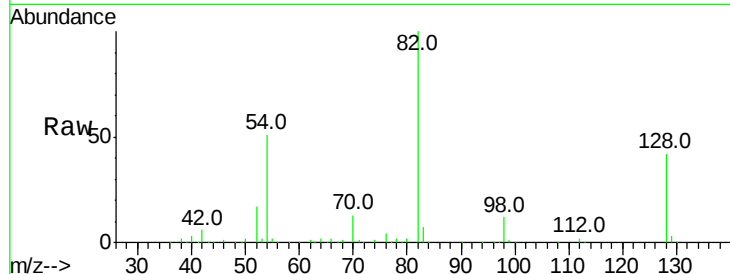
#23
 Nitrobenzene-d5
 Concen: 120.86 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	26.4	39.6#
54	50.8	49.4	74.2

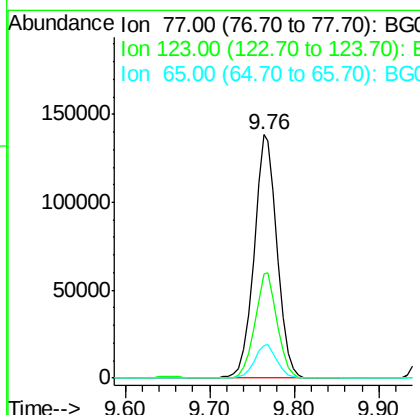
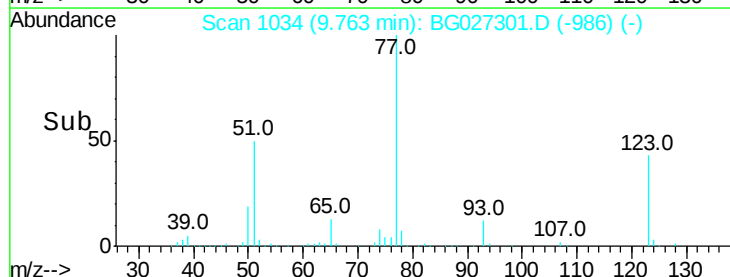
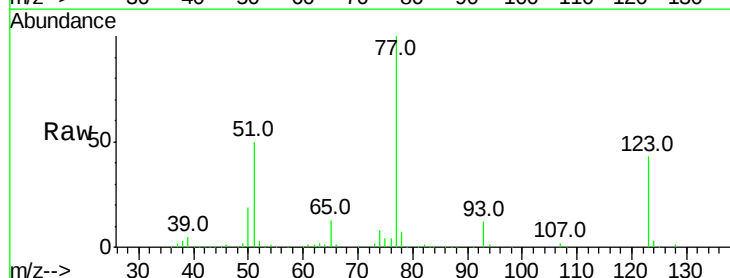
Manual Integrations
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#24
 Nitrobenzene
 Concen: 57.40 ng
 RT: 9.76 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	26.1	39.1#
65	13.5	12.4	18.6





#25

Isophorone

Concen: 55.03 ng

RT: 10.29 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

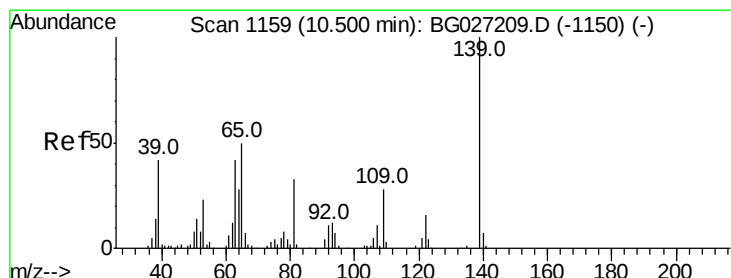
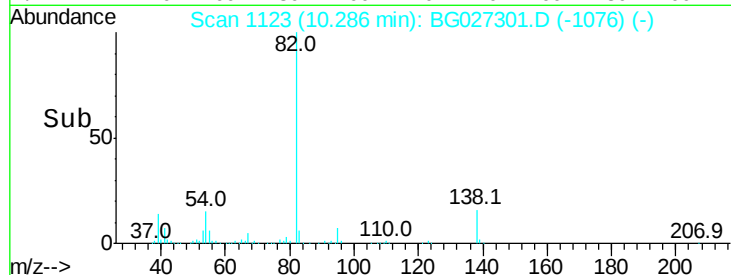
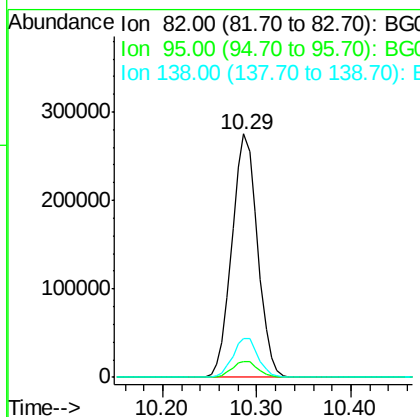
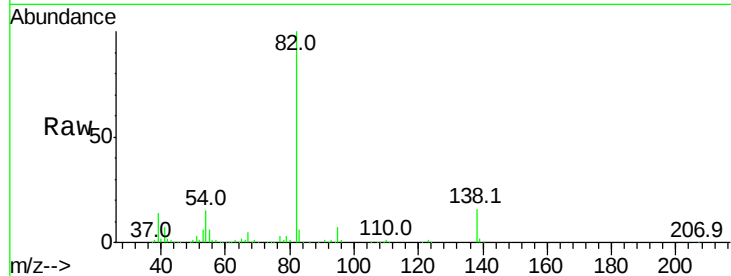
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	7.5	11.3#	
138	15.8	12.3	18.5	

Manual Integrations
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#26

2-Nitrophenol

Concen: 58.16 ng

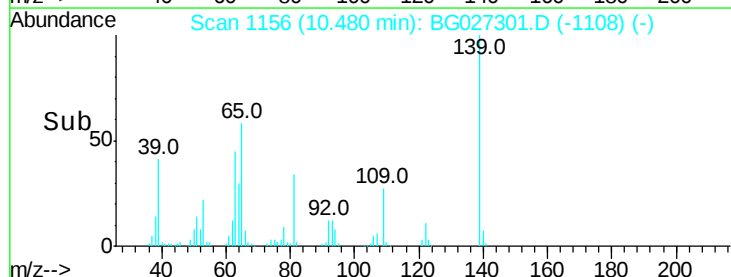
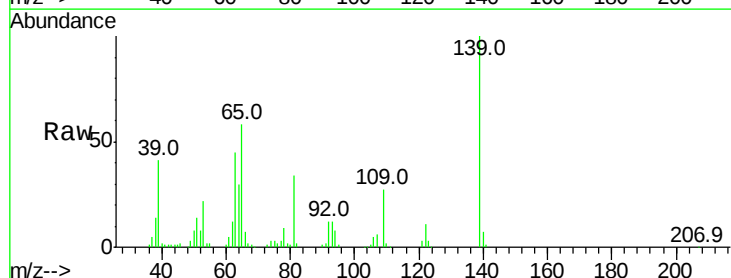
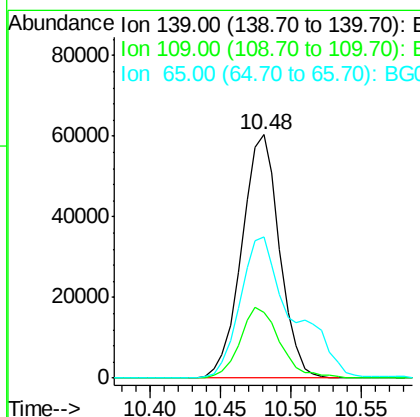
RT: 10.48 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.2	38.6	58.0#	
65	58.0	57.1	85.7	





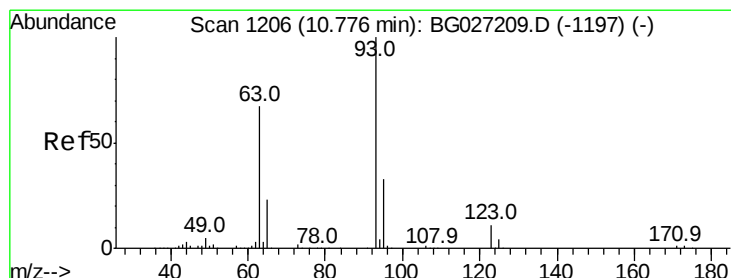
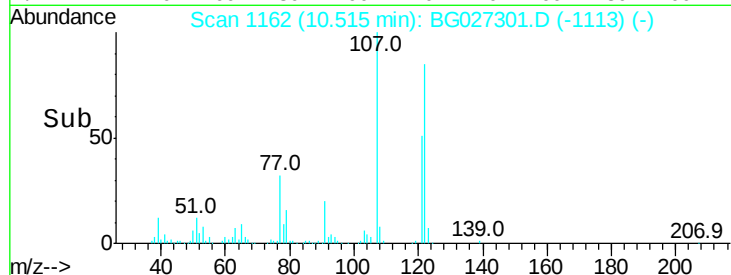
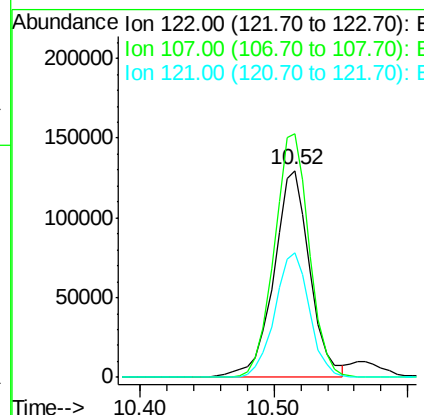
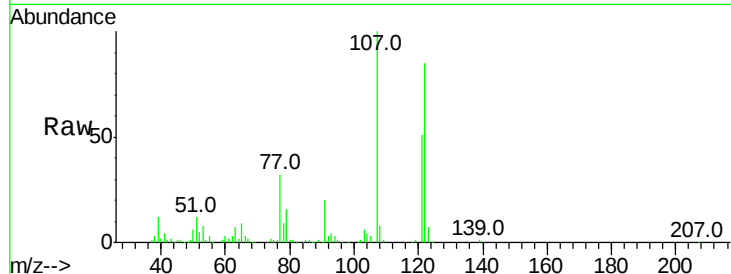
#27
2,4-Dimethylphenol
Concen: 60.04 ng
RT: 10.52 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	104.2	156.4
121	60.4	46.0	69.0

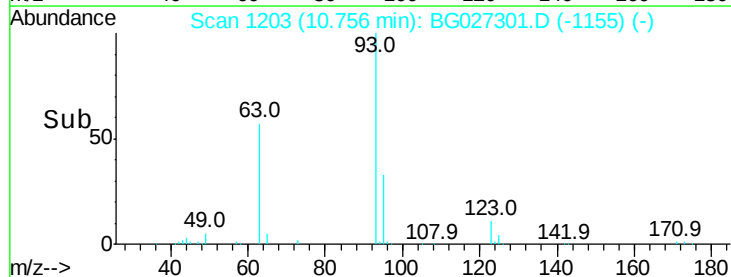
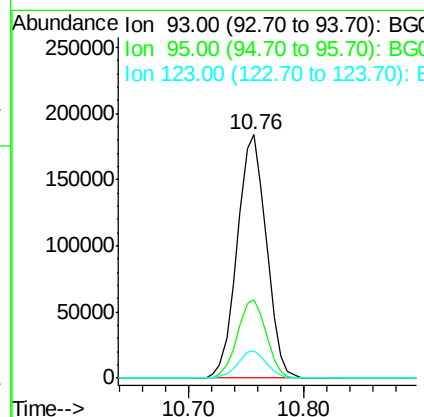
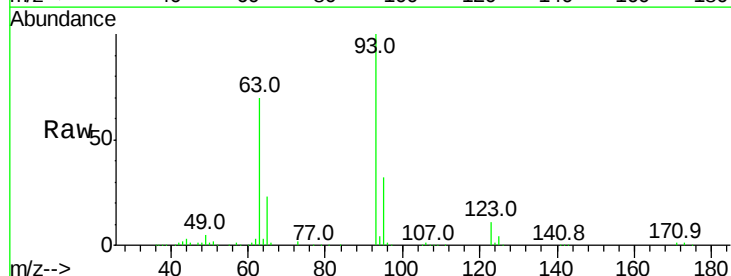
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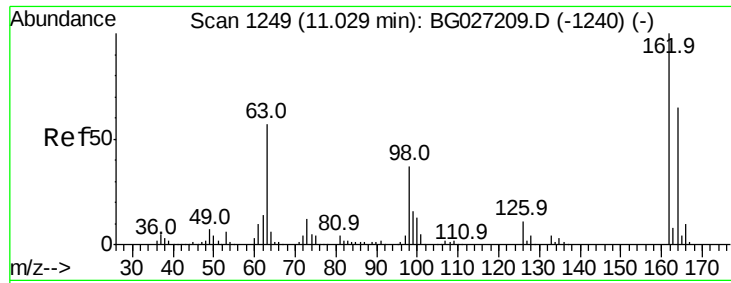
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 52.49 ng
RT: 10.76 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.4	8.3	12.5





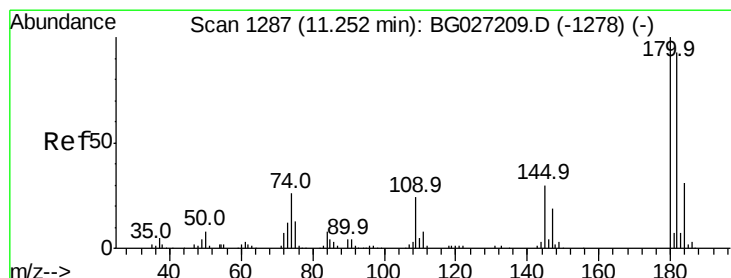
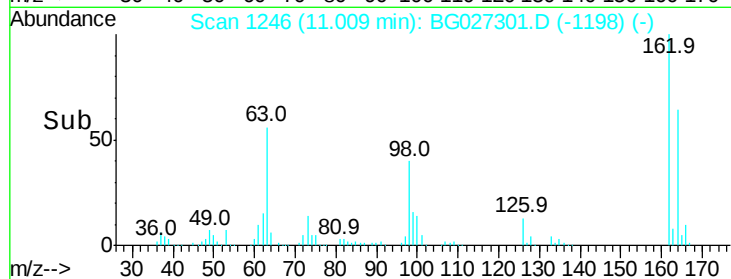
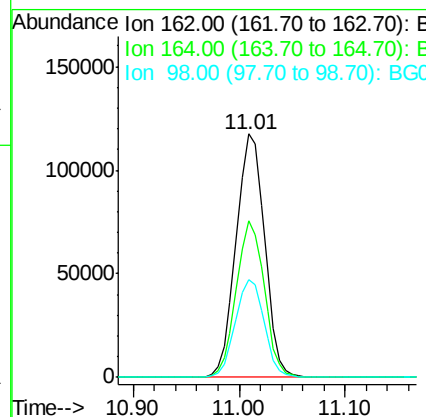
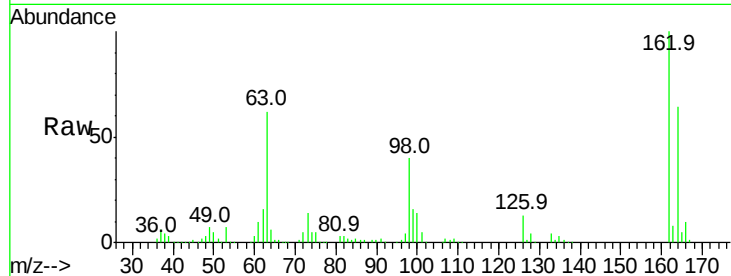
#29
 2,4-Dichlorophenol
 Concen: 59.44 ng
 RT: 11.01 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	42.4	82.4	
98	39.9	20.3	60.3	

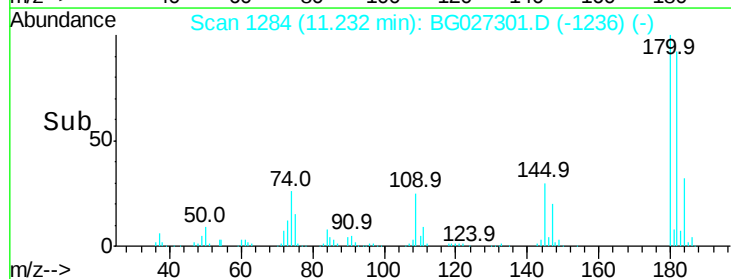
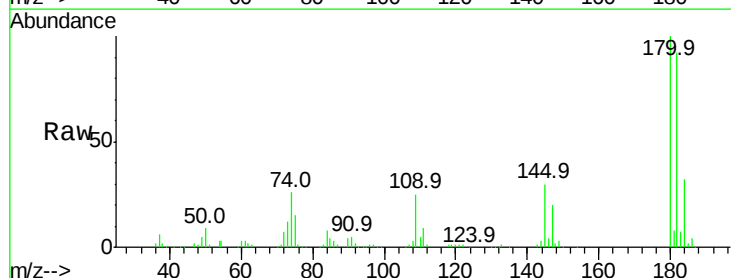
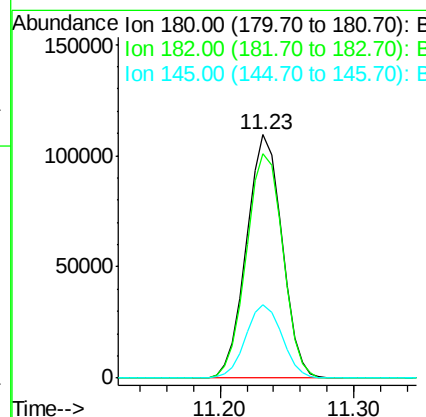
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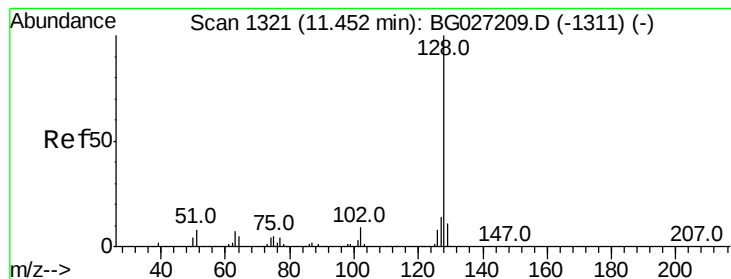
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.07 ng
 RT: 11.23 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.9	77.0	115.4	
145	29.9	23.4	35.0	





#31

Naphthalene

Concen: 48.87 ng

RT: 11.43 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

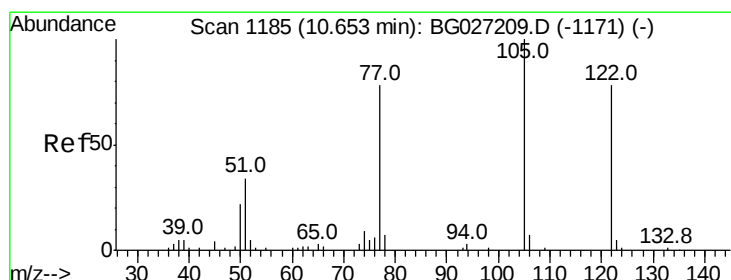
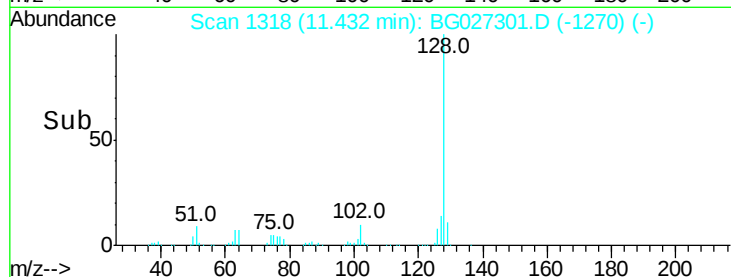
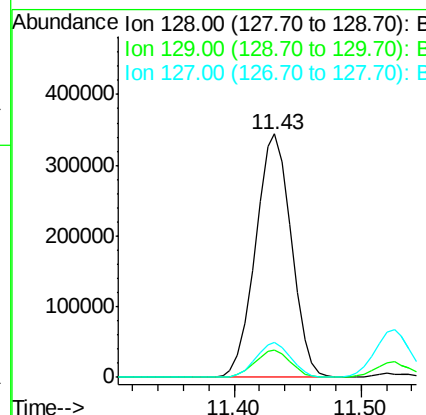
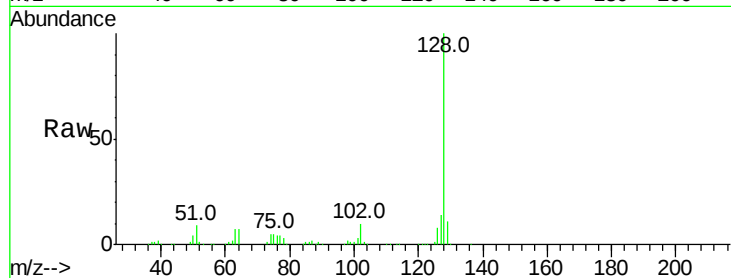
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion:	128	Resp:	673994
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.3	13.9
127	14.2	11.4	17.0

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#32

Benzoic acid

Concen: 13.32 ng

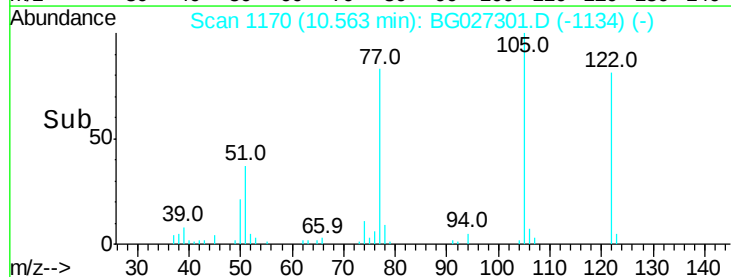
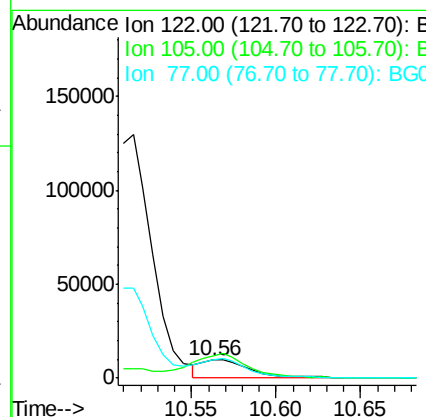
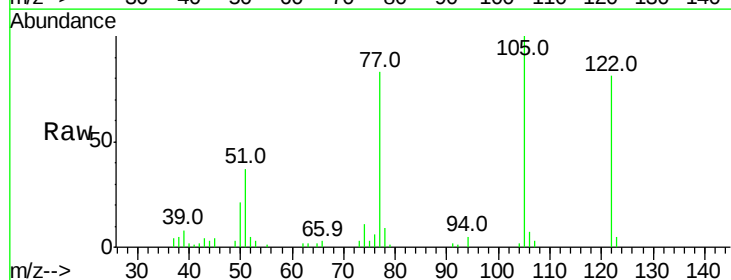
RT: 10.56 min Scan# 1170

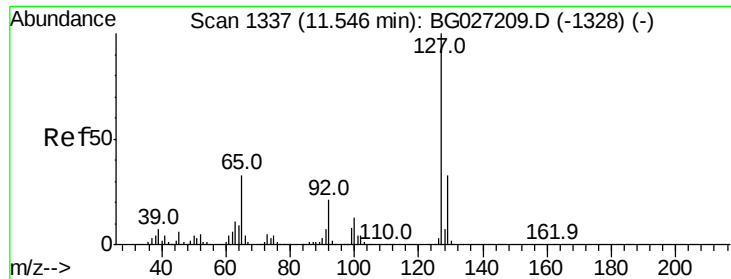
Delta R.T. -0.09 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion:	122	Resp:	17836
Ion Ratio	Lower	Upper	
122	100		
105	123.5	120.1	160.1
77	101.9	104.6	144.6#





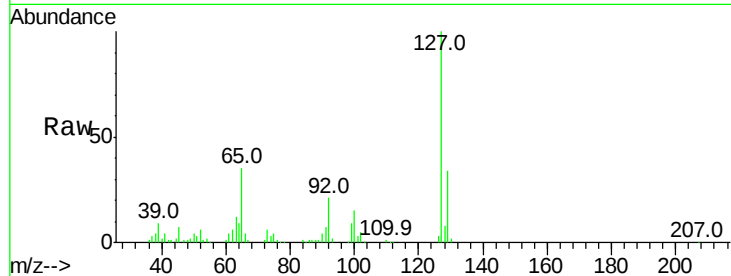
#33
4-Chloroaniline
Concen: 22.87 ng
RT: 11.53 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

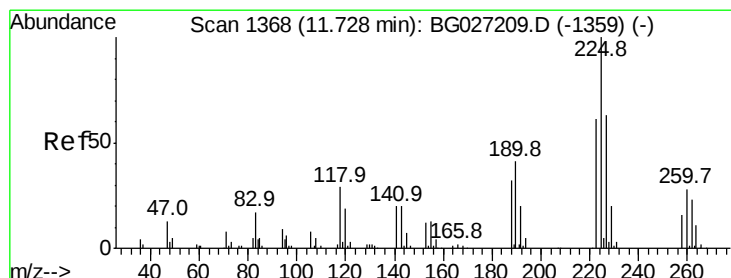
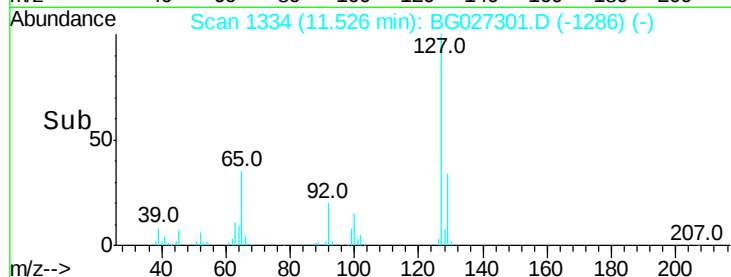
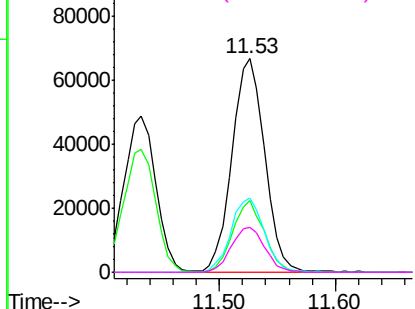
Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.7	23.6	35.4
65	34.5	37.7	56.5
92	21.2	17.6	26.4

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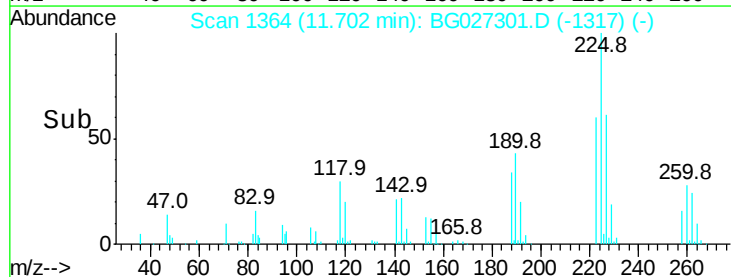
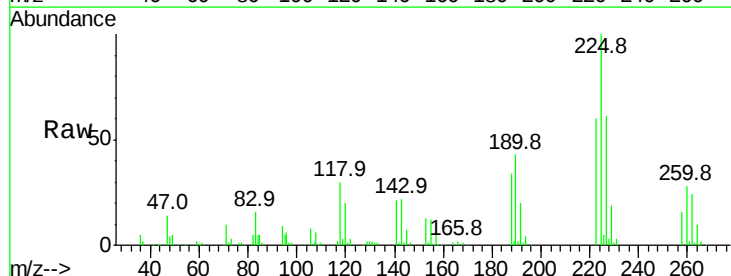
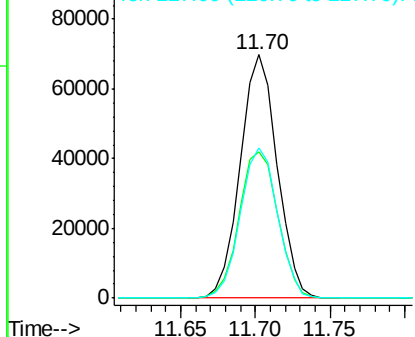
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

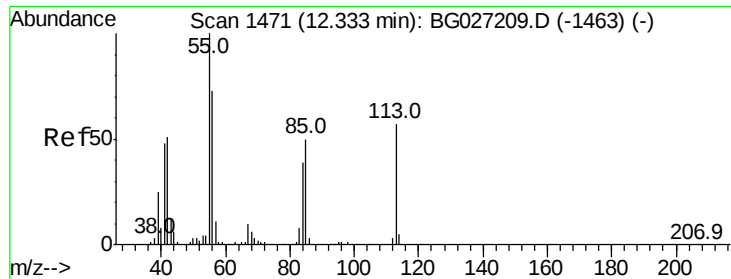


#34
Hexachlorobutadiene
Concen: 47.50 ng
RT: 11.70 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.0	50.7	76.1
227	61.5	49.0	73.6

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 65.34 ng/ml

RT: 12.30 min Scan# 1466

Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

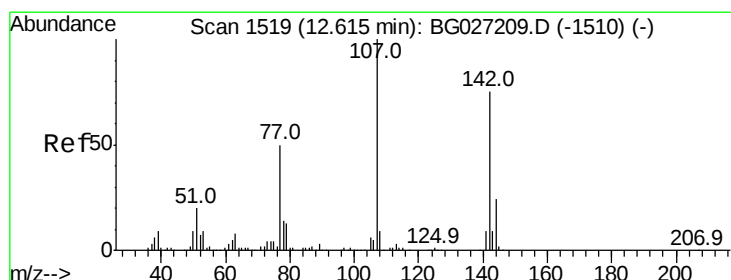
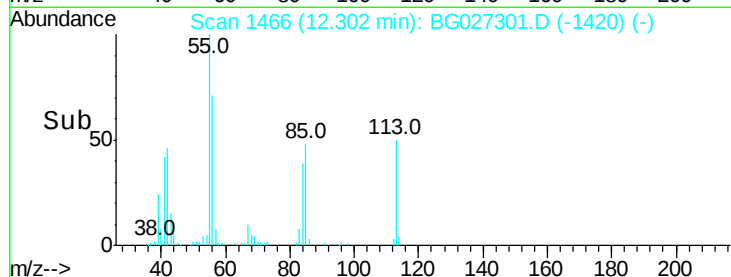
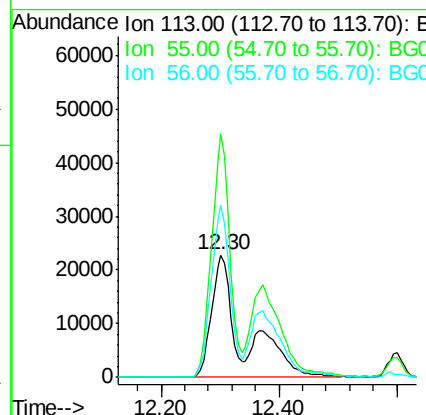
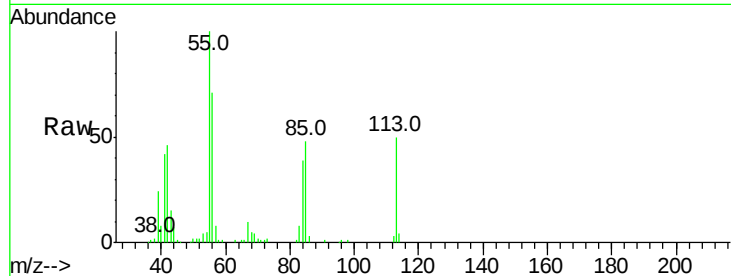
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion:	113	Resp:	82991
Ion Ratio	Lower	Upper	
113	100		
55	199.0	198.6	238.6
56	141.0	140.4	180.4

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#36

4-Chloro-3-methylphenol

Concen: 59.58 ng/ml

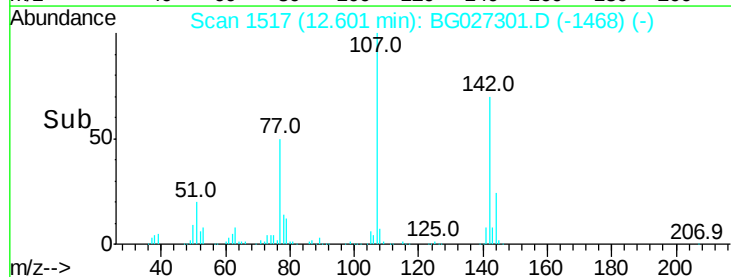
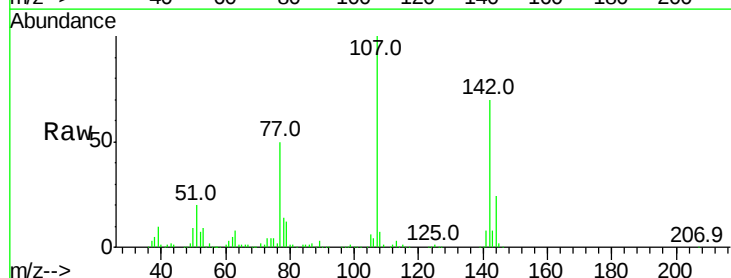
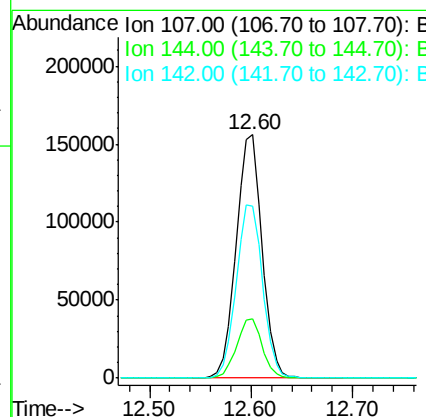
RT: 12.60 min Scan# 1517

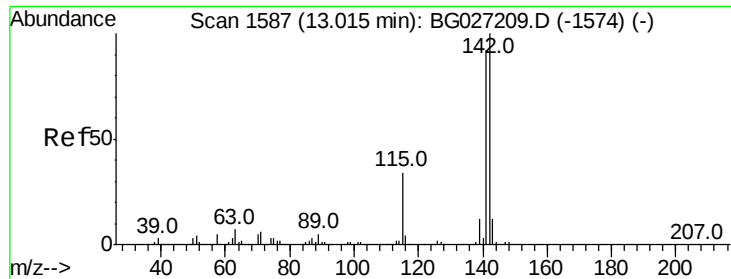
Delta R.T. -0.01 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion:	107	Resp:	276538
Ion Ratio	Lower	Upper	
107	100		
144	24.5	17.4	26.0
142	70.4	54.1	81.1





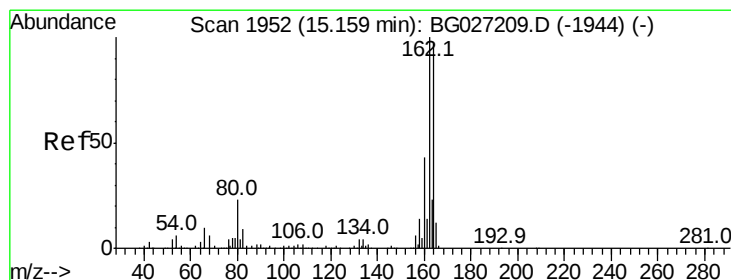
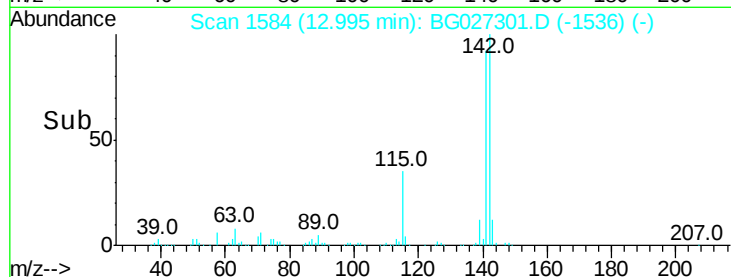
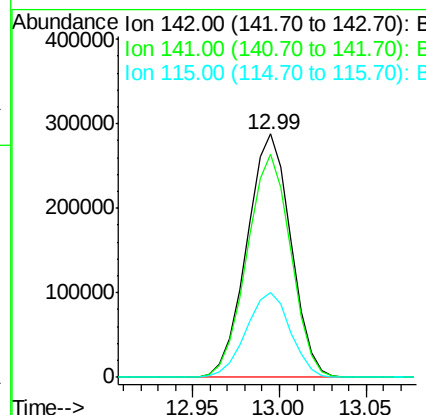
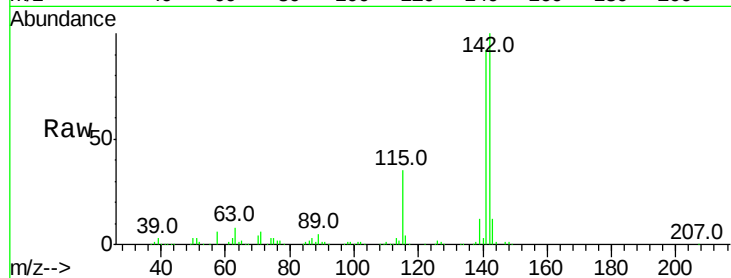
#37
2-Methylnaphthalene
Concen: 50.10 ng/ml
RT: 12.99 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.7	70.4	105.6
115	35.1	35.5	53.3

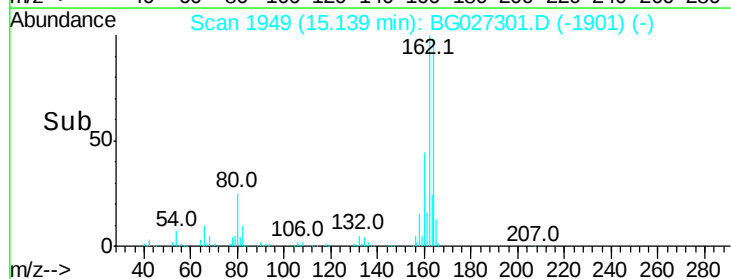
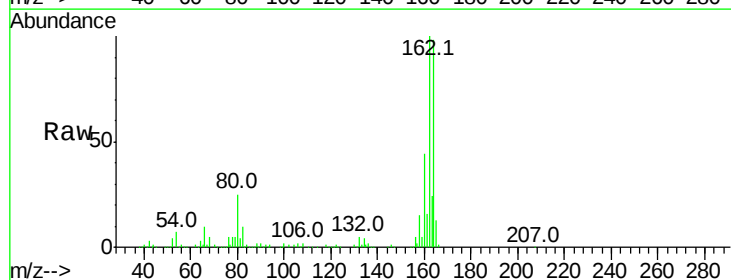
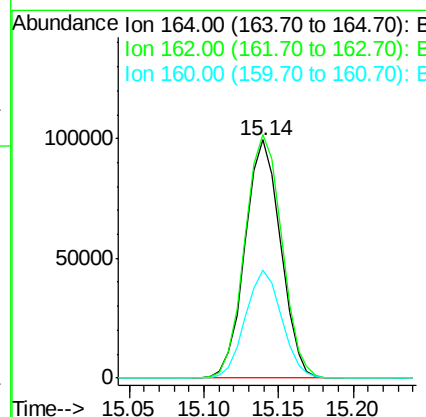
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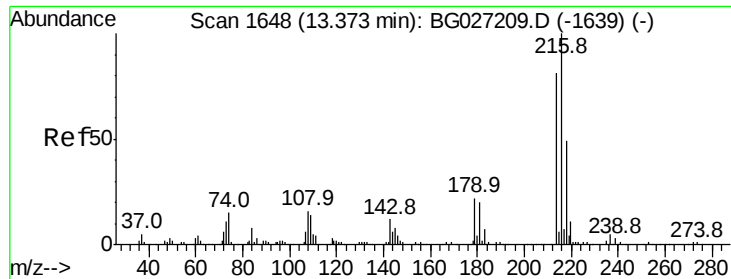
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.2	85.1	127.7
160	45.2	34.7	52.1





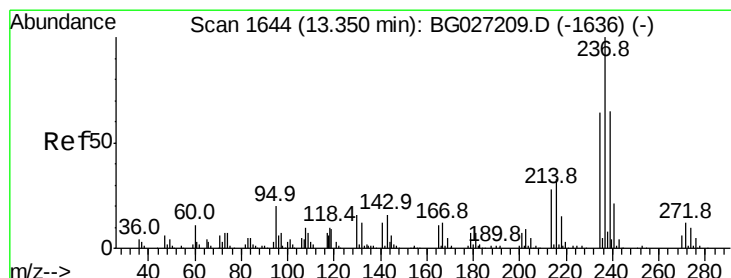
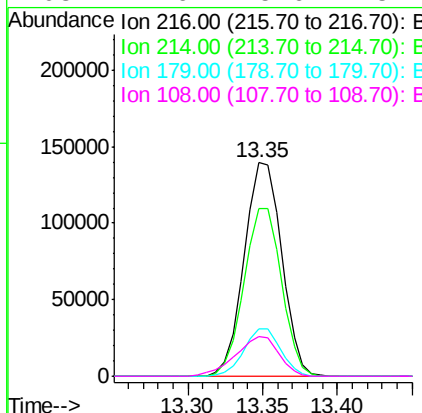
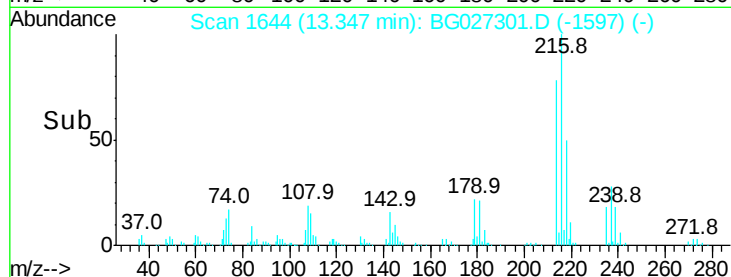
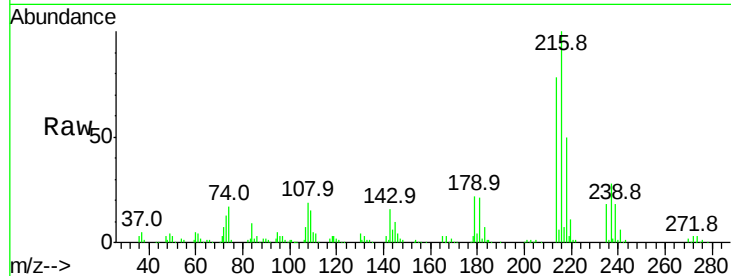
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.45 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	242763		
214	78.7	64.4	96.6	
179	21.6	17.4	26.0	
108	21.6	15.6	23.4	

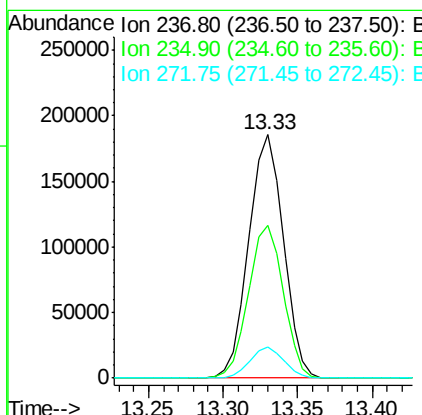
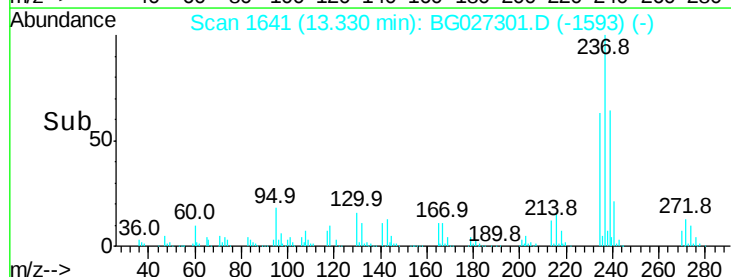
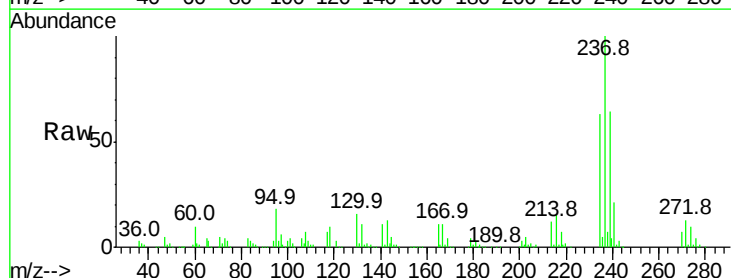
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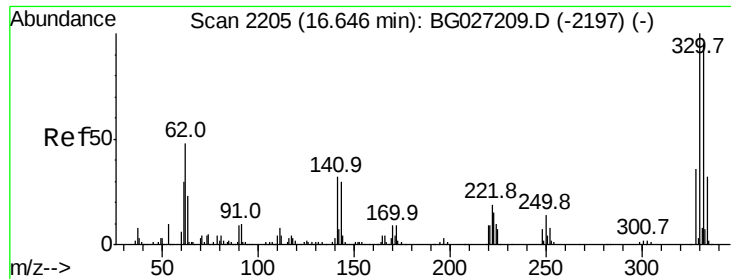
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#40
 Hexachlorocyclopentadiene
 Concen: 109.34 ng
 RT: 13.33 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	297760		
235	62.6	39.4	79.4	
272	12.9	0.0	32.0	





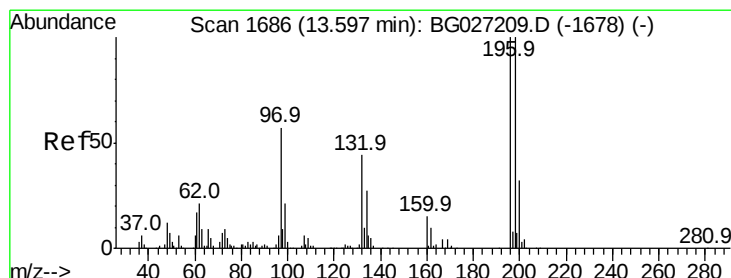
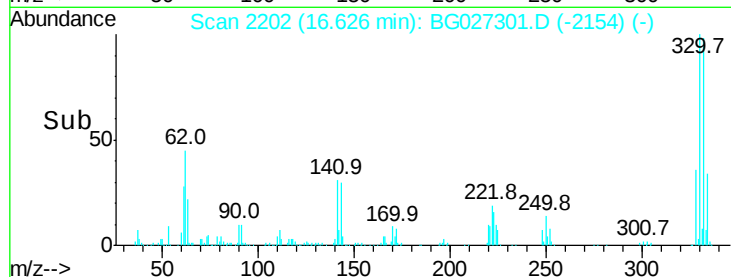
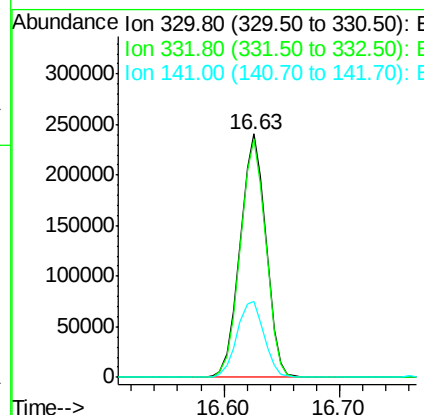
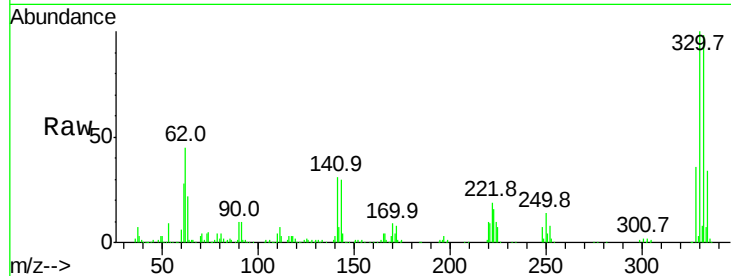
#41
 2,4,6-Tribromophenol
 Concen: 172.03 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.3	115.9	
141	32.9	32.1	48.1	

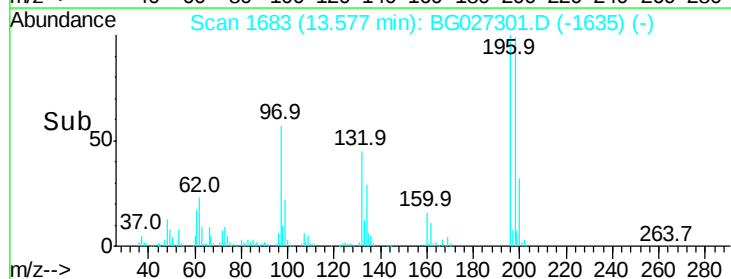
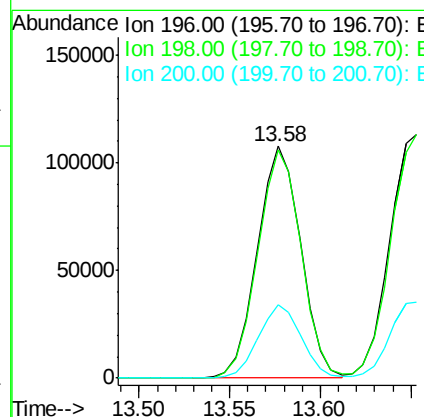
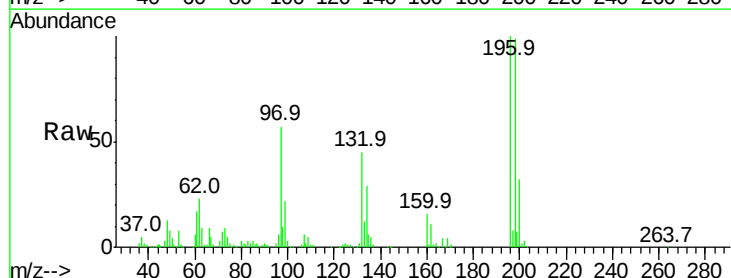
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#42
 2,4,6-Trichlorophenol
 Concen: 57.63 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	81.4	122.2	
200	31.6	27.0	40.6	





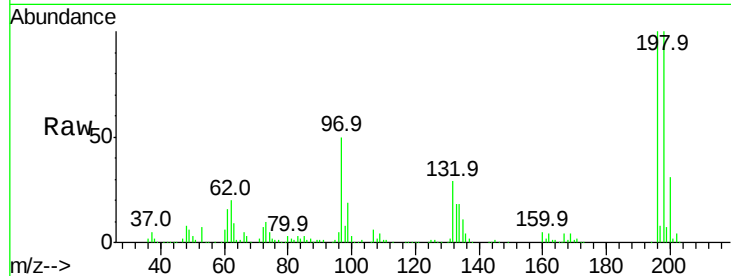
#43
 2,4,5-Trichlorophenol
 Concen: 56.88 ng
 RT: 13.65 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

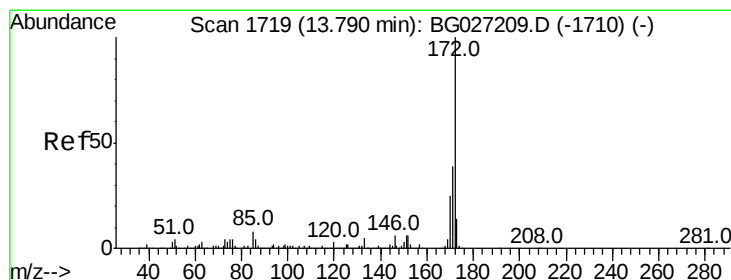
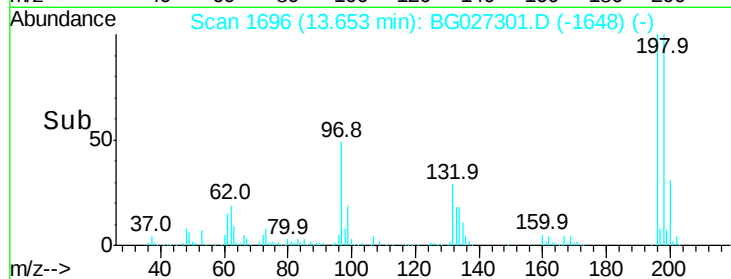
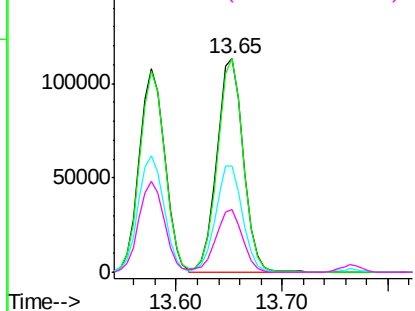
Tot Ion	196	Resp	197523
Ion Ratio	Lower	Upper	
196	100		
198	99.8	79.9	119.9
97	49.8	45.4	68.0
132	29.2	20.7	31.1

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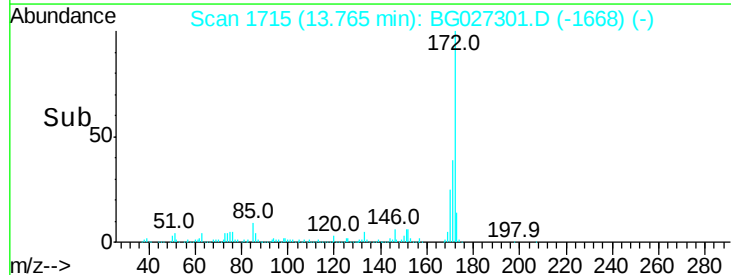
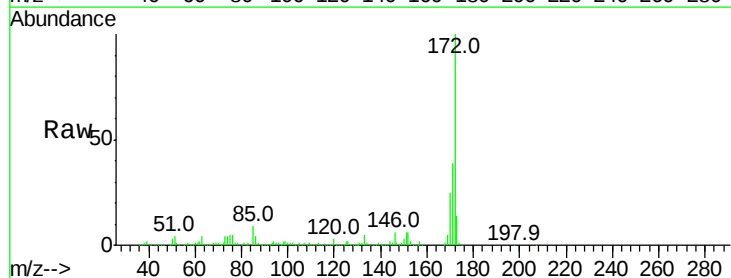
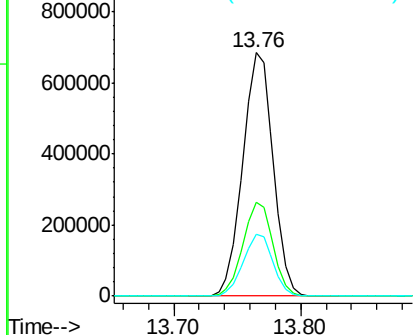
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

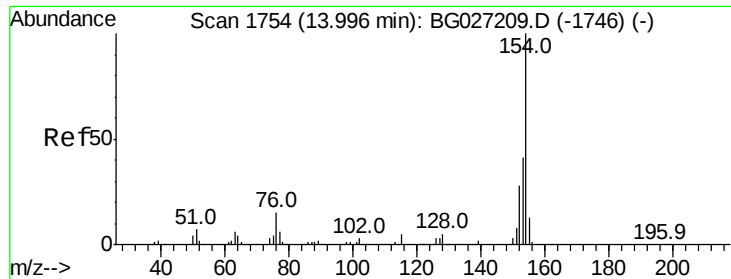


#44
 2-Fluorobiphenyl
 Concen: 96.78 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	172	Resp	1136092
Ion Ratio	Lower	Upper	
172	100		
171	38.6	32.2	48.2
170	25.5	21.8	32.6

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





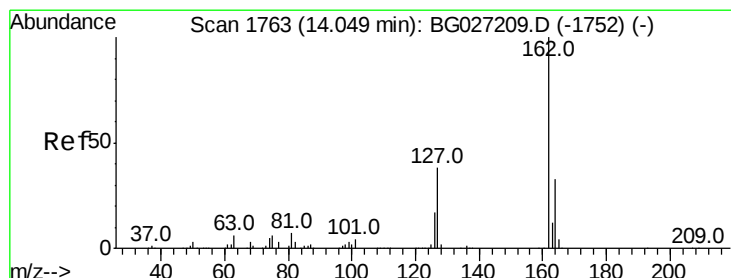
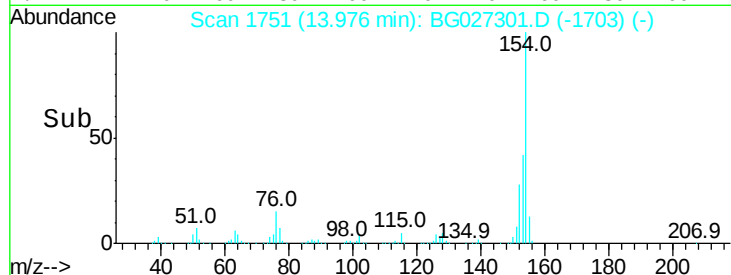
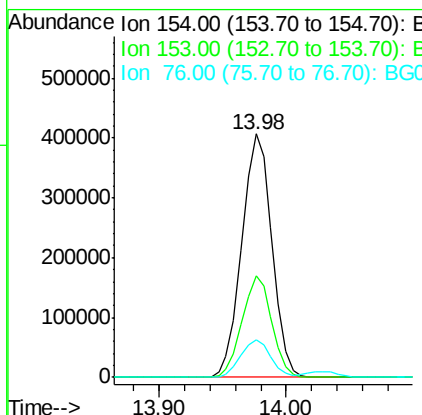
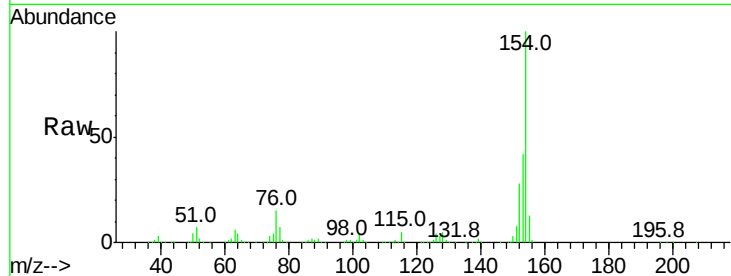
#45
 1,1'-Biphenyl
 Concen: 49.81 ng
 RT: 13.98 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.6	23.0	63.0	
76	15.3	0.0	33.5	

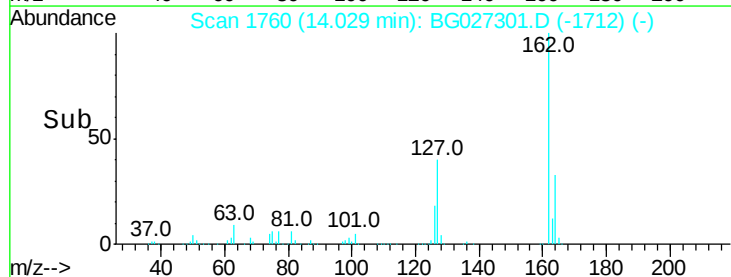
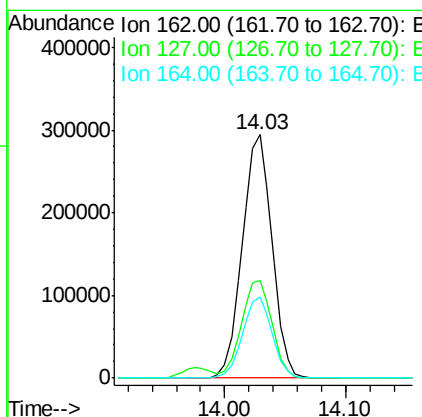
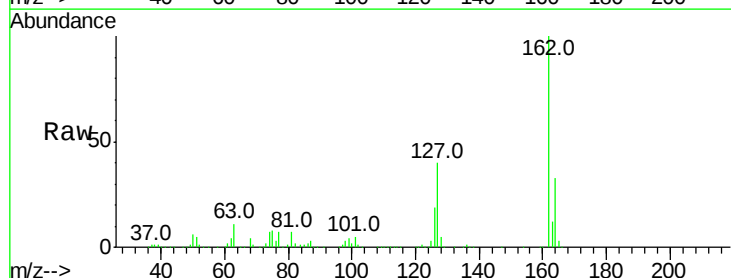
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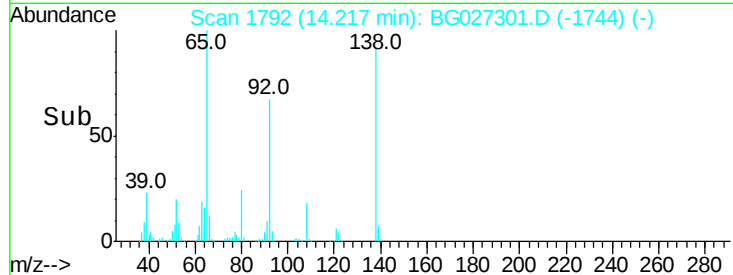
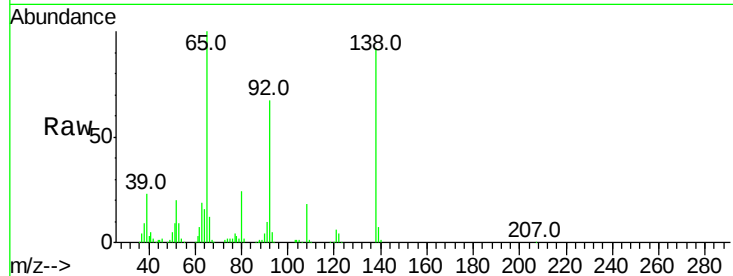
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#46
 2-Chloronaphthalene
 Concen: 50.32 ng
 RT: 14.03 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	32.2	48.4	
164	33.4	27.3	40.9	





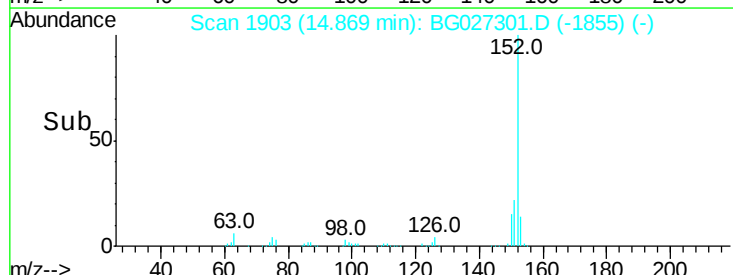
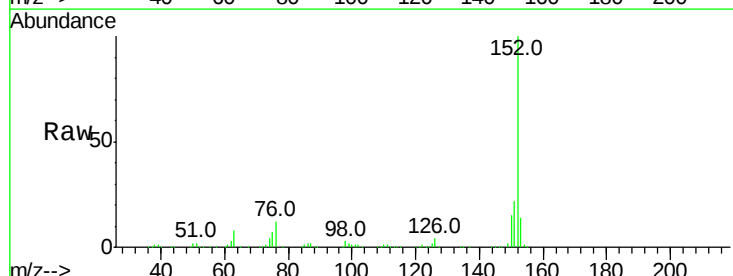
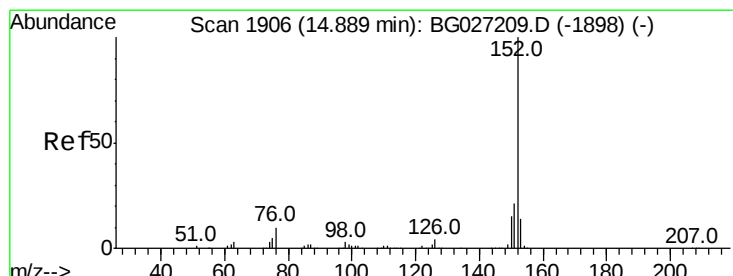
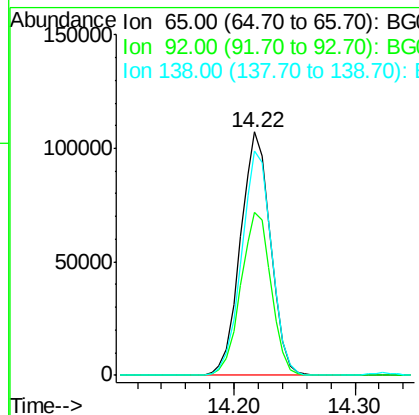
#47
2-Nitroaniline
Concen: 62.58 ng
RT: 14.22 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.7	49.0	73.4	
138	92.1	58.6	87.8	

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

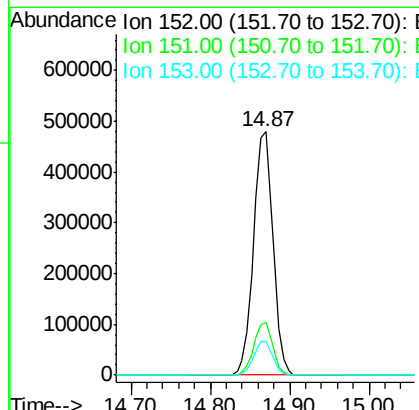
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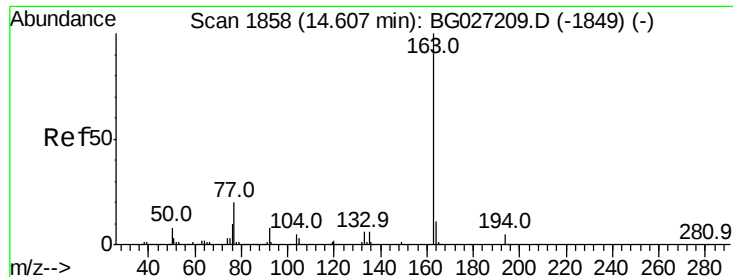
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#48
Acenaphthylene
Concen: 48.43 ng
RT: 14.87 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.8	18.2	27.2	
153	13.7	11.3	16.9	





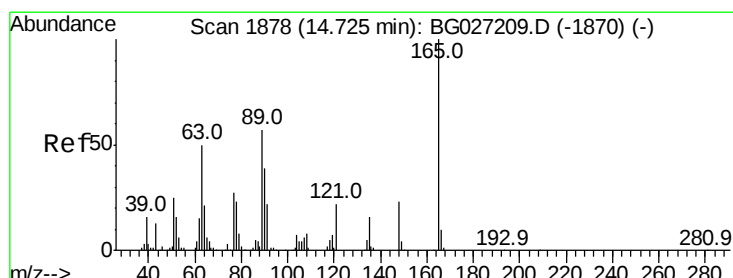
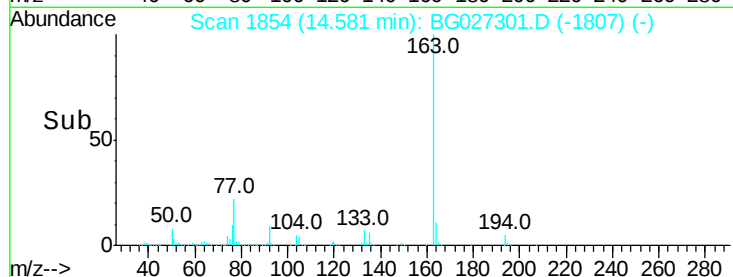
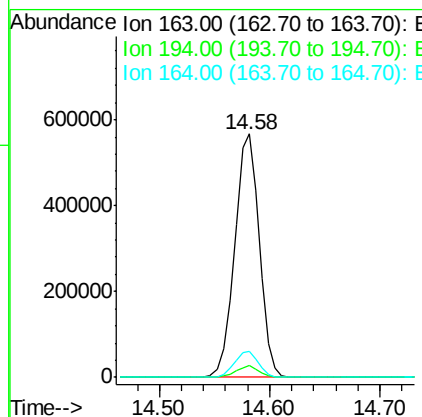
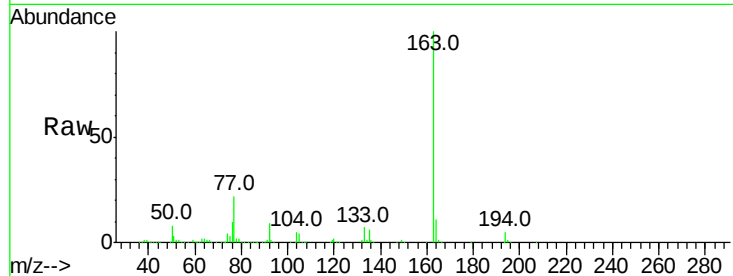
#49
Dimethylphthalate
Concen: 67.60 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	880656		
194	4.7		3.8	5.6
164	10.6		9.3	13.9

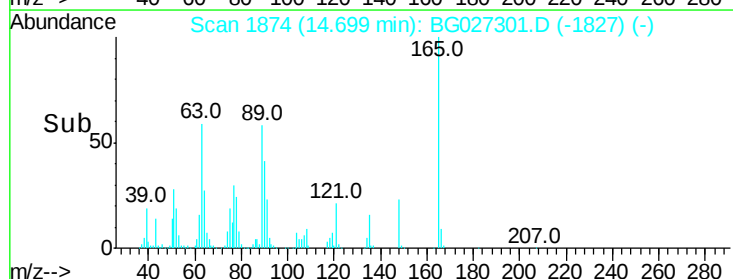
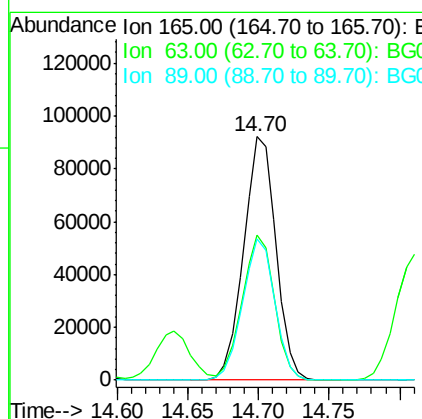
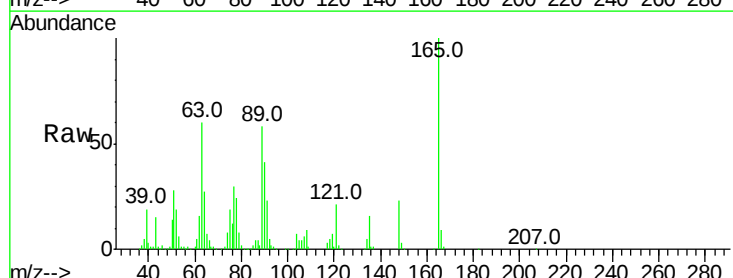
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#50
2,6-Dinitrotoluene
Concen: 54.77 ng
RT: 14.70 min Scan# 1874
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147324		
63	59.6		63.9	95.9#
89	58.2		58.6	88.0#





#51

Acenaphthene

Concen: 50.25 ng

RT: 15.20 min Scan# 1960

Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

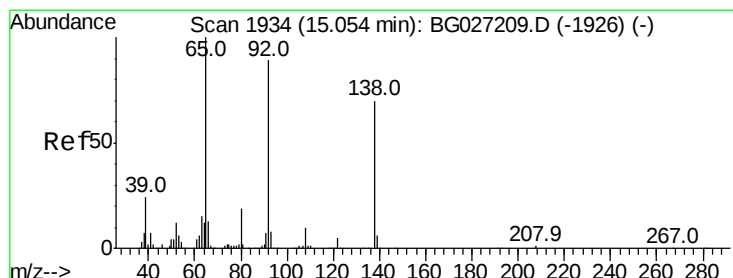
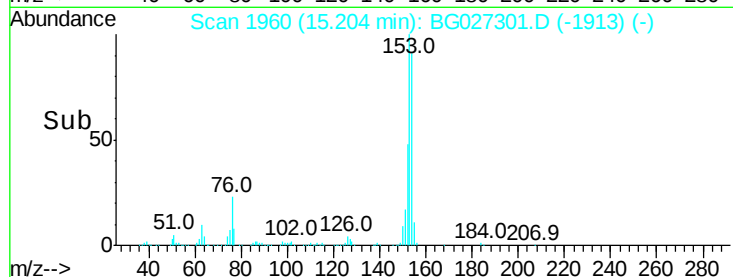
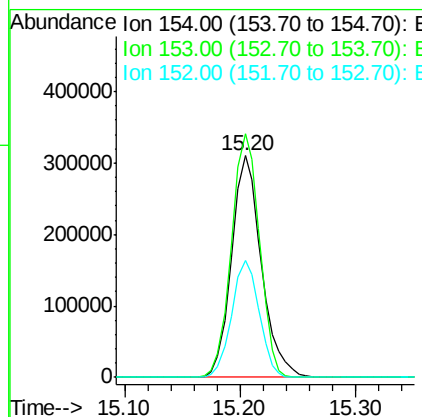
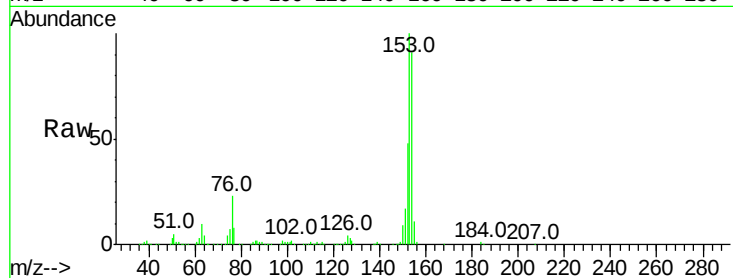
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion:	154	Resp:	555913
Ion Ratio	Lower	Upper	
154	100		
153	109.9	87.8	131.6
152	52.9	42.2	63.4

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#52

3-Nitroaniline

Concen: 37.18 ng

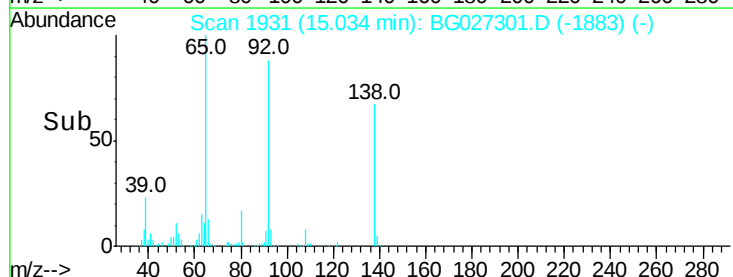
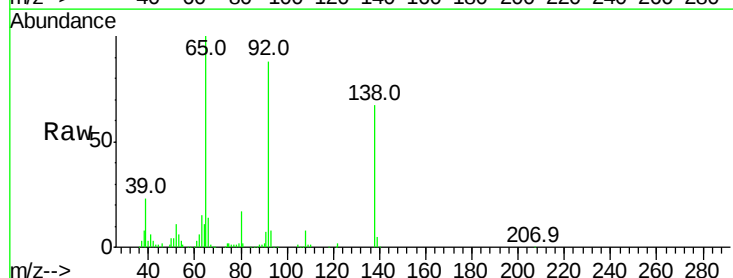
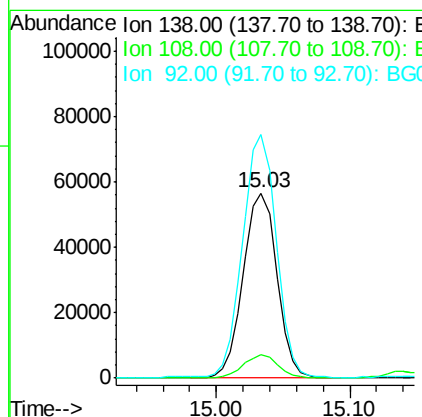
RT: 15.03 min Scan# 1931

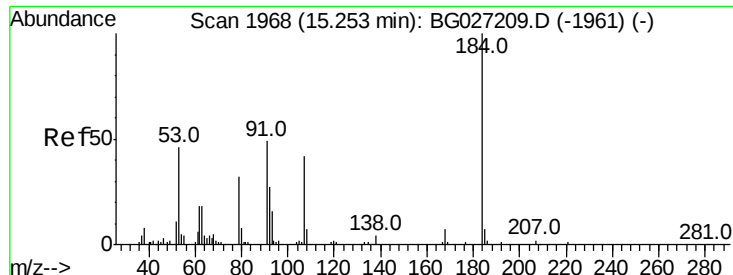
Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion:	138	Resp:	99168
Ion Ratio	Lower	Upper	
138	100		
108	12.6	10.9	16.3
92	131.4	115.3	172.9





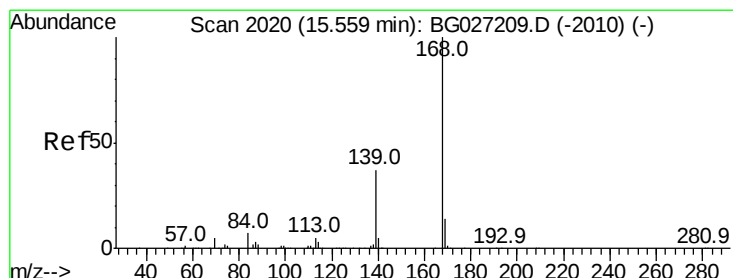
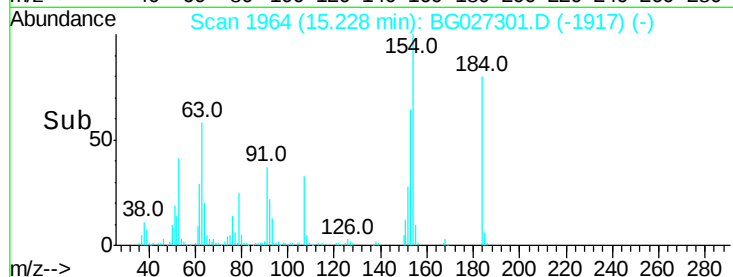
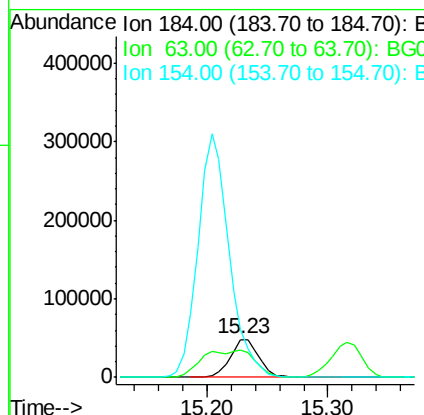
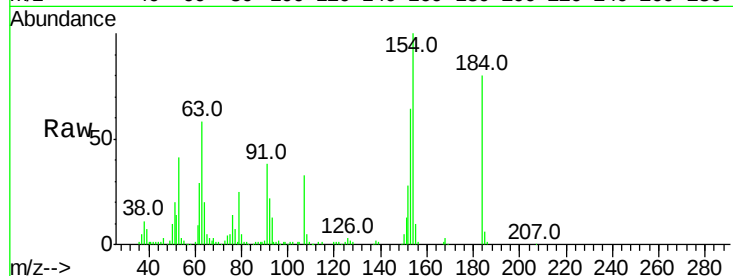
#53
2,4-Dinitrophenol
Concen: 67.45 ng
RT: 15.23 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	73.2	52.7	79.1	
154	125.7	57.3	85.9	

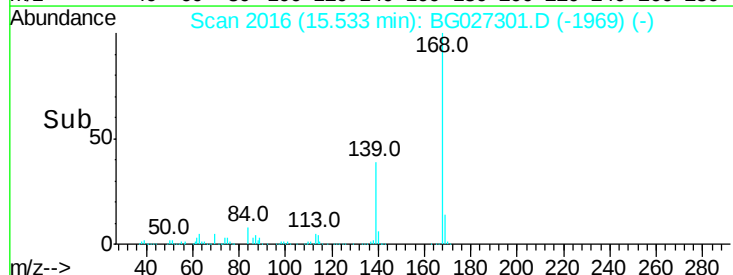
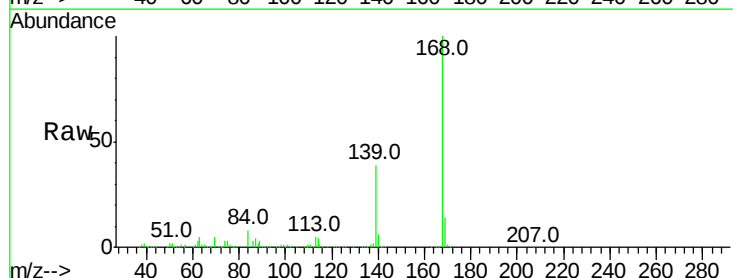
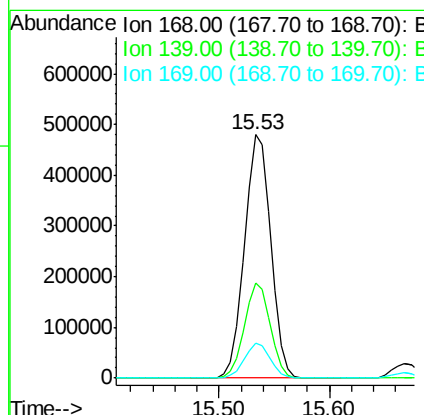
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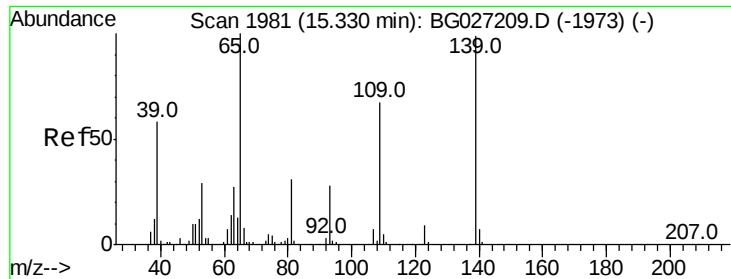
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#54
Dibenzofuran
Concen: 51.96 ng
RT: 15.53 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	35.3	52.9	
169	14.3	11.5	17.3	





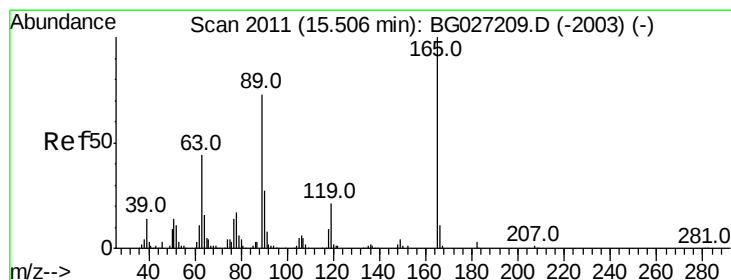
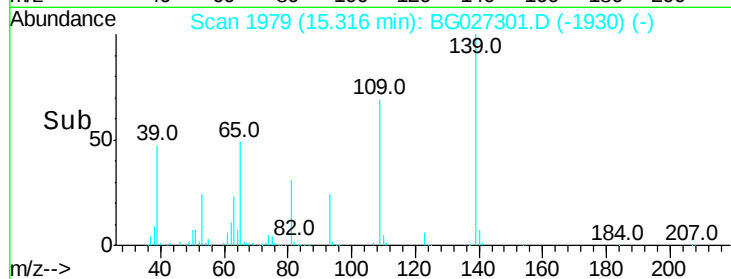
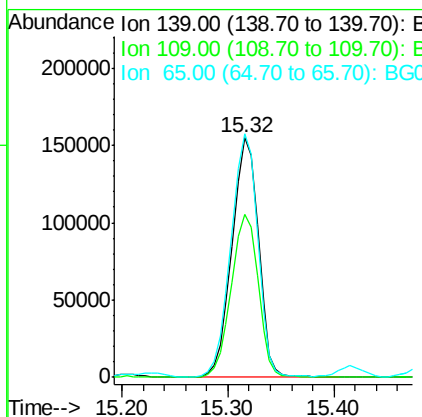
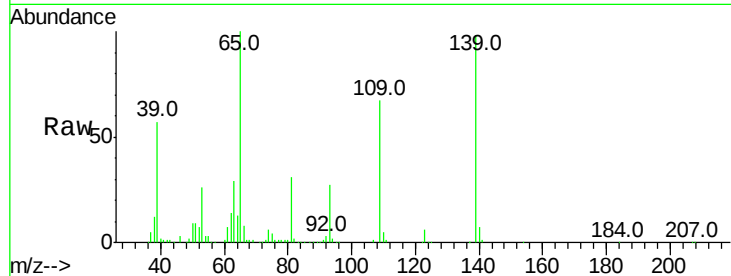
#55
4-Nitrophenol
Concen: 107.13 ng
RT: 15.32 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.9	101.2	141.2#	
65	101.7	135.3	175.3#	

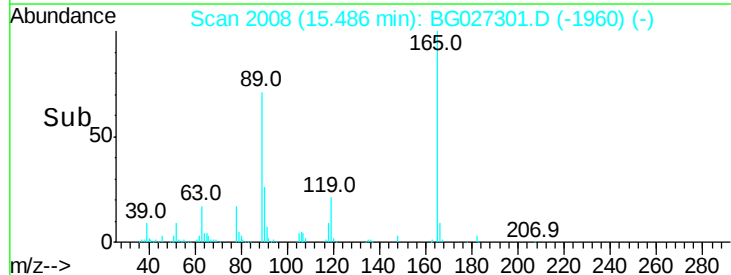
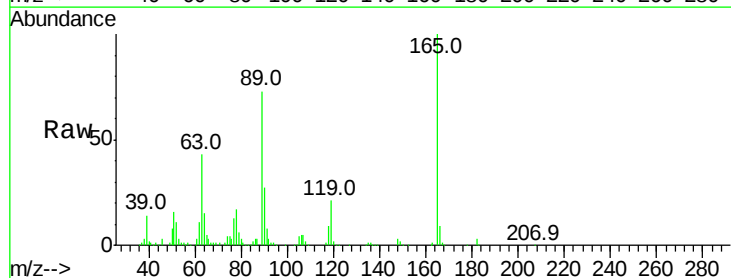
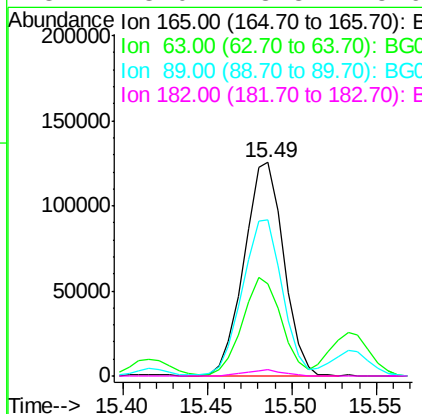
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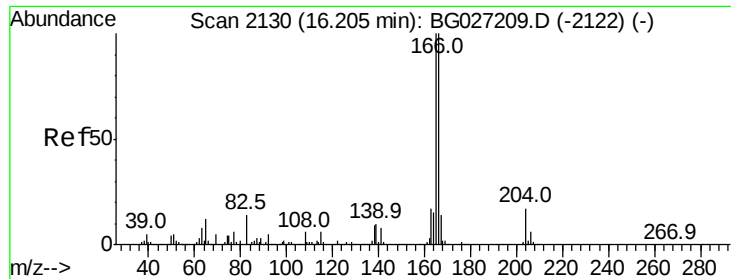
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#56
2,4-Dinitrotoluene
Concen: 58.65 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.3	44.0	66.0#	
89	73.1	67.3	100.9	
182	3.0	3.8	5.6#	





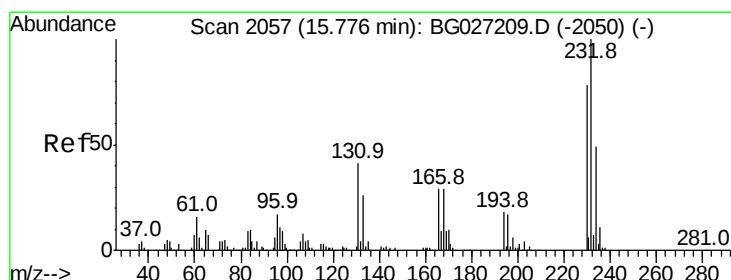
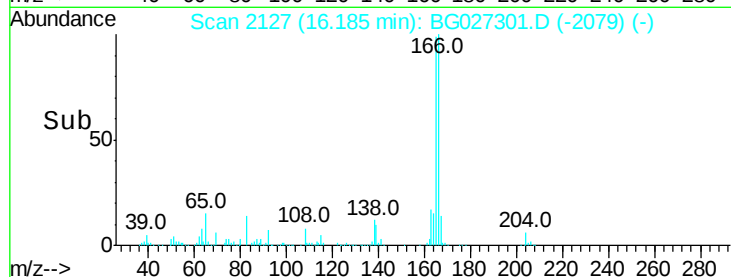
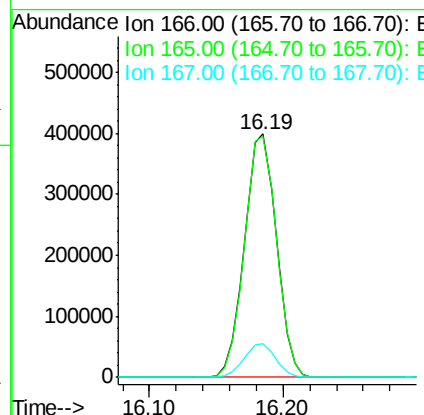
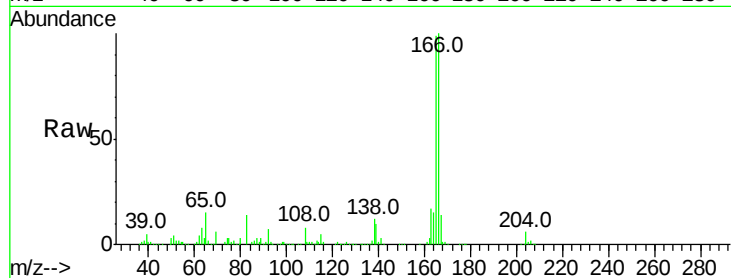
#57
Fluorene
Concen: 47.95 ng
RT: 16.19 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	658463		
165	99.0		78.6	117.8
167	13.8		11.6	17.4

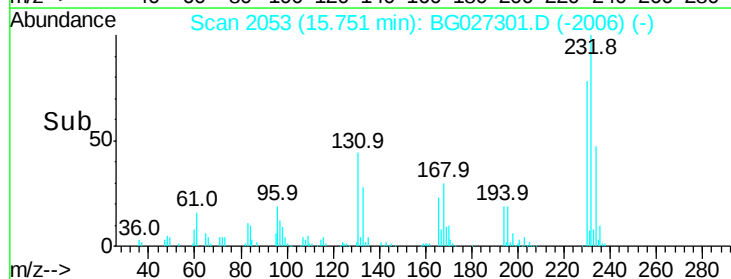
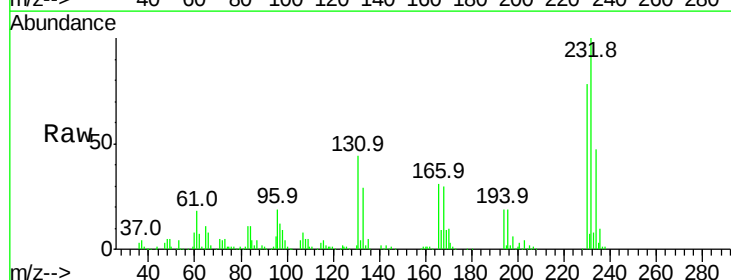
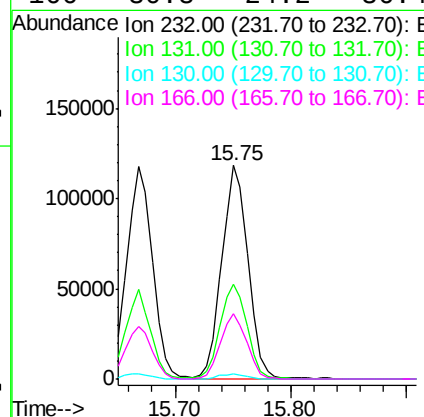
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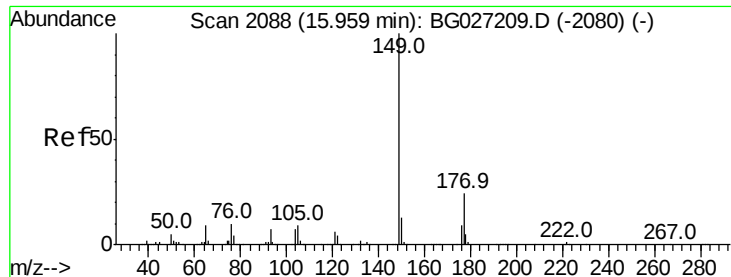
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#58
2,3,4,6-Tetrachlorophenol
Concen: 59.83 ng
RT: 15.75 min Scan# 2053
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	185459		
131	45.7		34.9	52.3
130	2.4		2.3	3.5
166	30.8		24.2	36.4





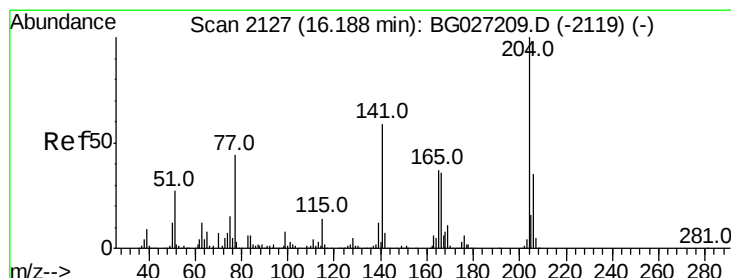
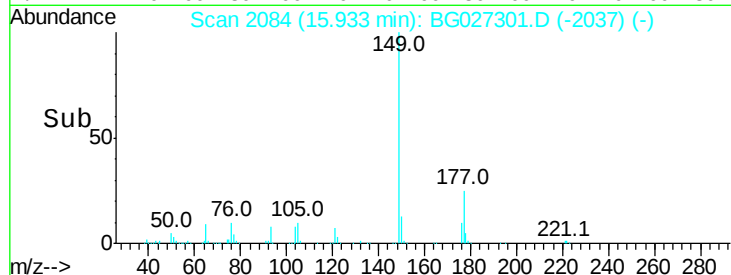
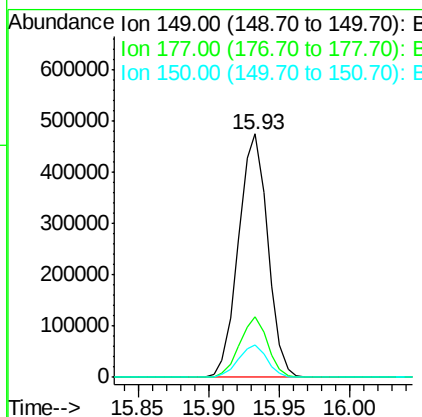
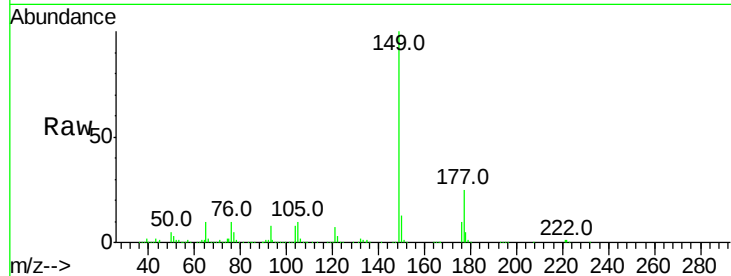
#59
Diethylphthalate
Concen: 52.90 ng
RT: 15.93 min Scan# 2084
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.1	30.1
150	13.3	10.2	15.2

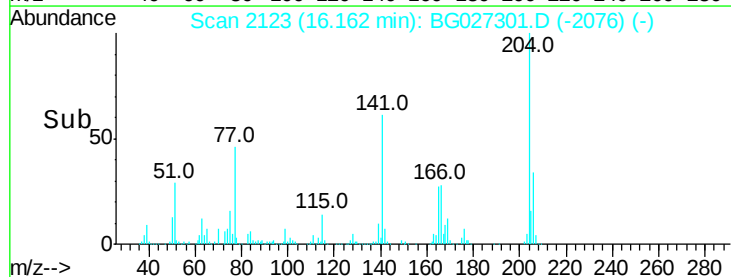
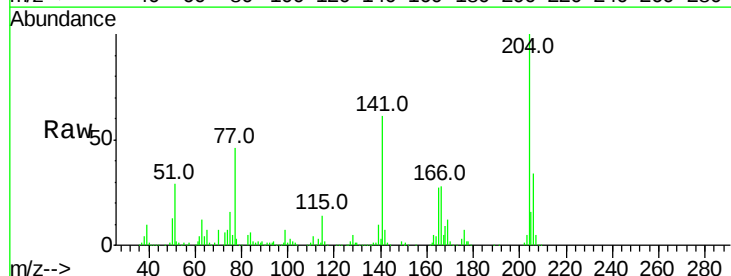
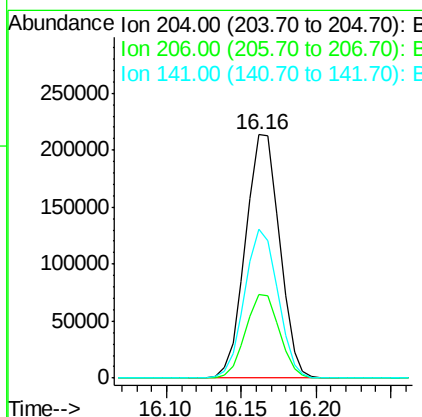
Manual Integrations
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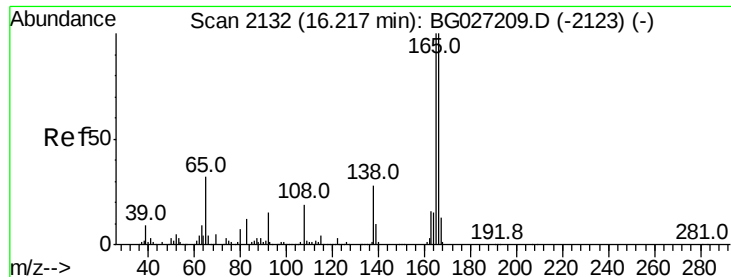
mohammad
6/8/2017 2:23:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.80 ng
RT: 16.16 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	30.1	45.1
141	61.1	50.6	76.0





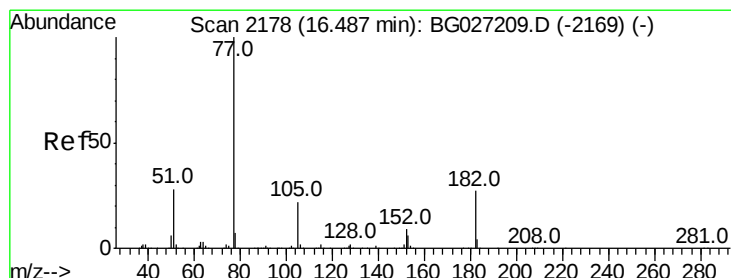
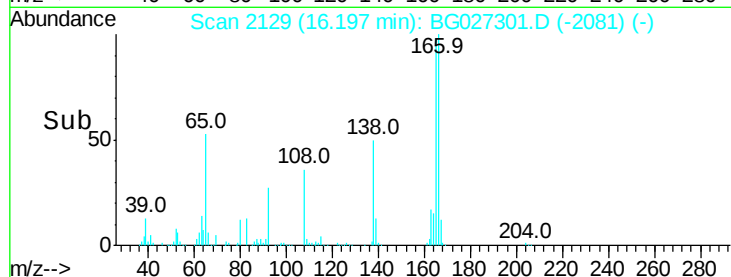
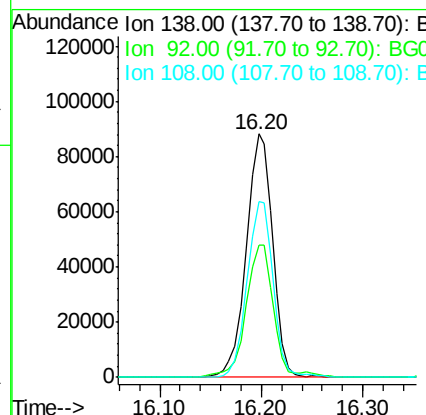
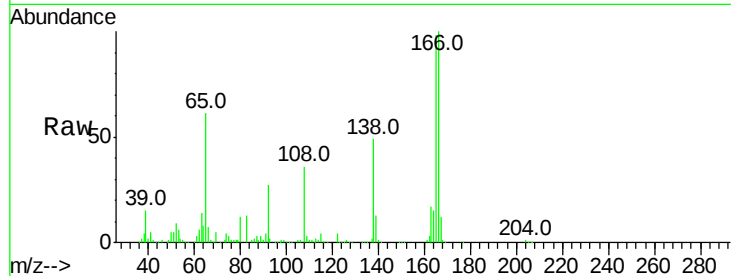
#61
4-Nitroaniline
Concen: 55.45 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.4	44.2	84.2	
108	72.4	104.8	144.8	

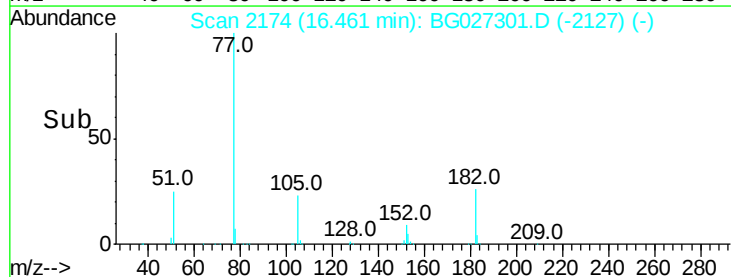
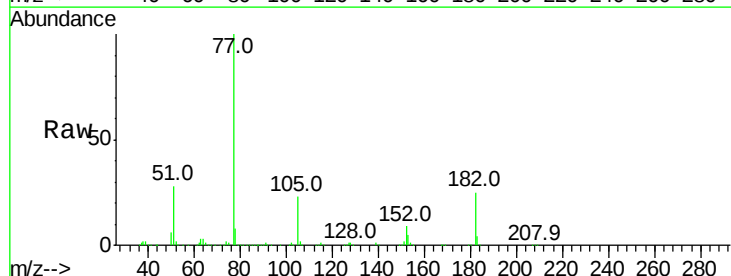
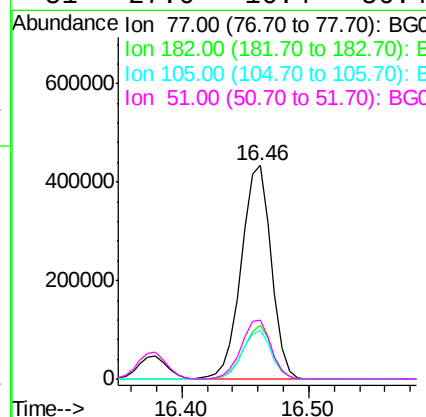
Manual Integrations
APPROVED

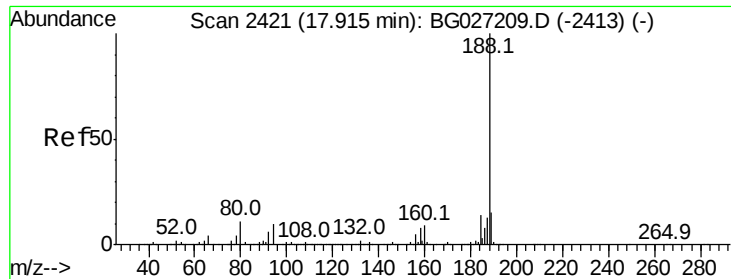
mohammad
6/8/2017 2:23:05 PM



#62
Azobenzene
Concen: 58.62 ng
RT: 16.46 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.0	4.7	44.7	
105	22.6	0.0	36.3	
51	27.6	16.4	56.4	





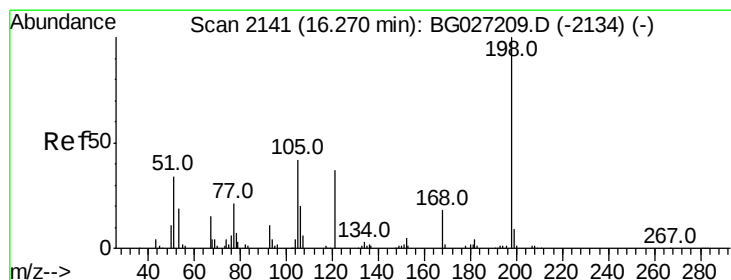
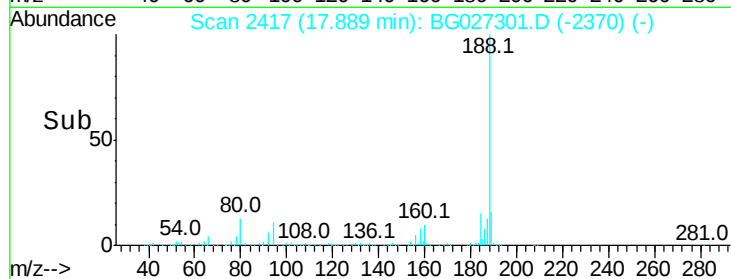
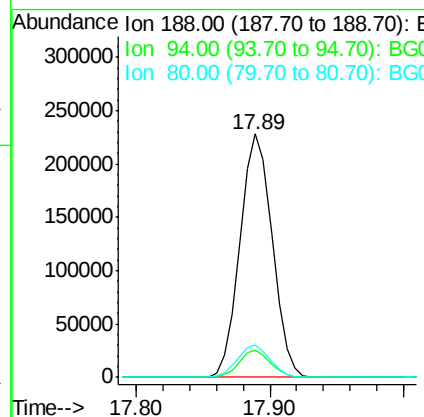
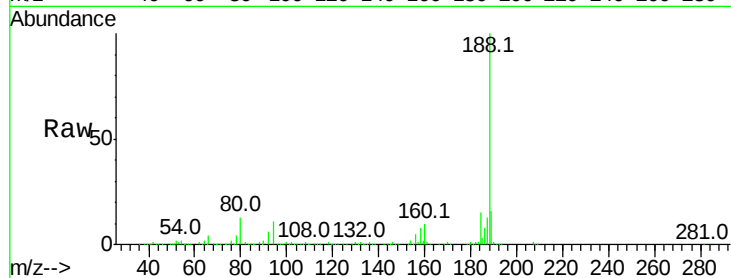
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	5.8	8.8#
80	13.3	7.5	11.3#

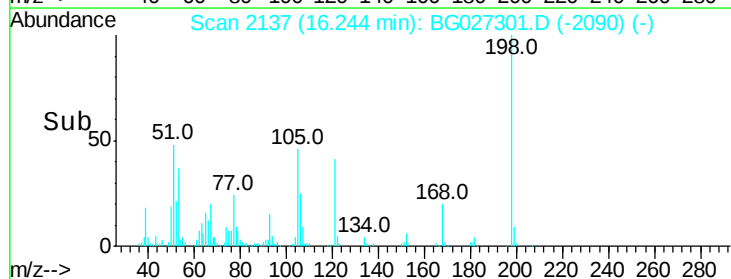
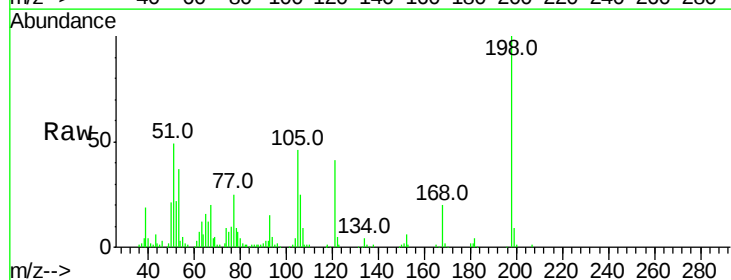
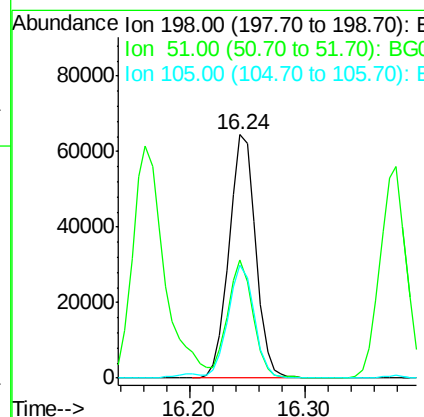
Manual Integrations
APPROVED

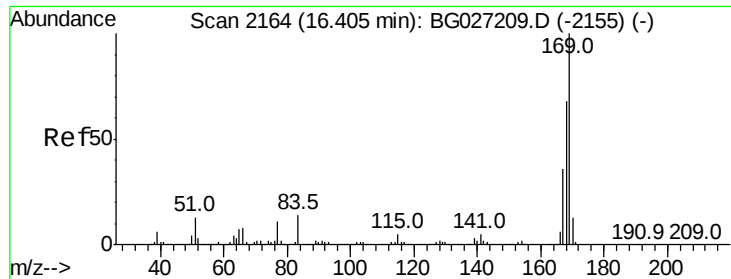
mohammad
6/8/2017 2:23:05 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 56.85 ng
RT: 16.24 min Scan# 2137
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.7	22.6	62.6
105	46.5	14.4	54.4





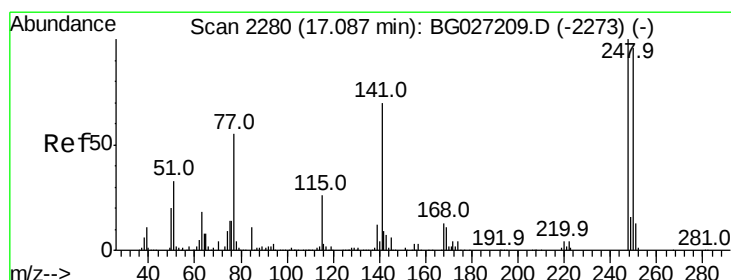
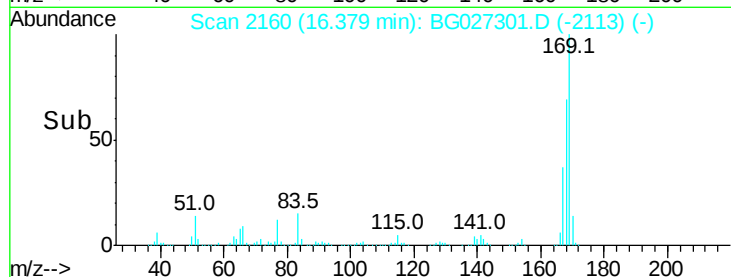
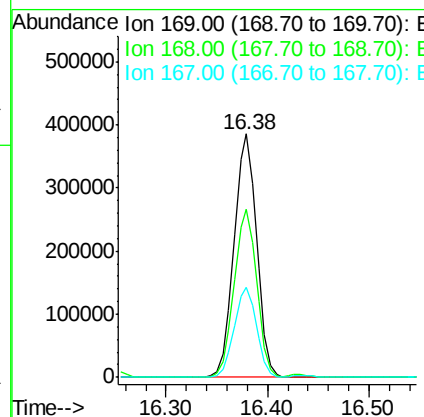
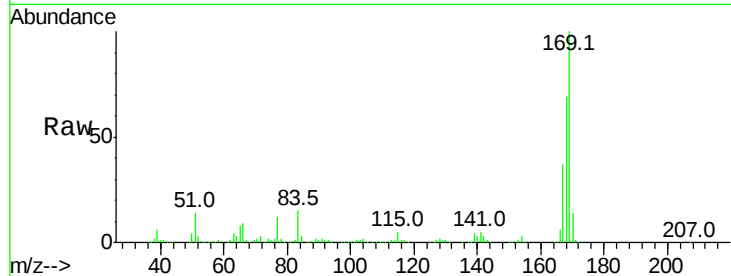
#65
n-Nitrosodiphenylamine
Concen: 49.77 ng
RT: 16.38 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	596132		
168	68.9		55.7	83.5
167	37.0		29.8	44.6

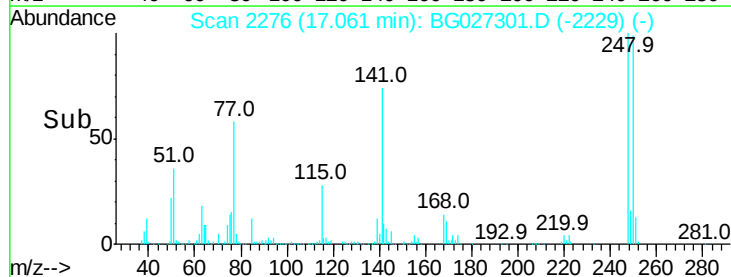
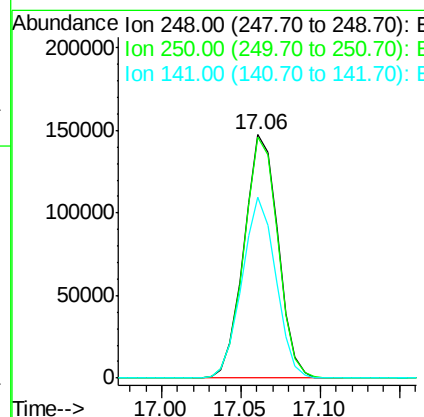
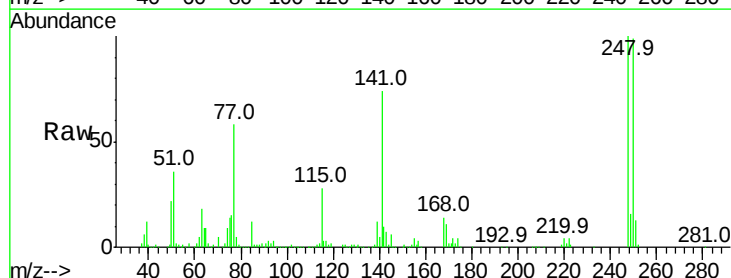
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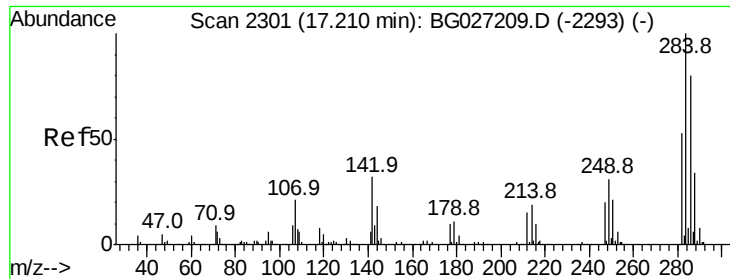
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#66
4-Bromophenyl-phenylether
Concen: 48.64 ng
RT: 17.06 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219955		
250	99.1		75.0	112.6
141	74.4		55.2	82.8





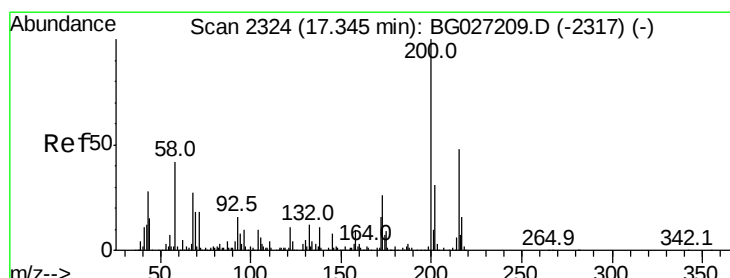
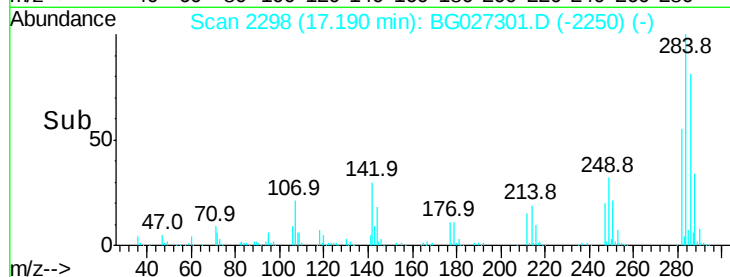
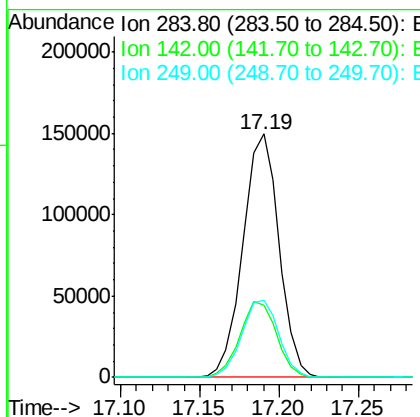
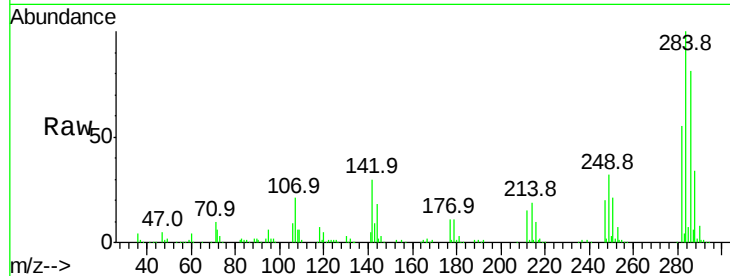
#67
Hexachlorobenzene
Concen: 48.62 ng
RT: 17.19 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	29.8	29.9	44.9#
249	31.6	29.2	43.8

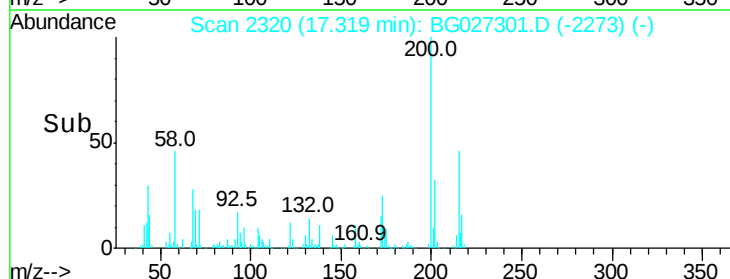
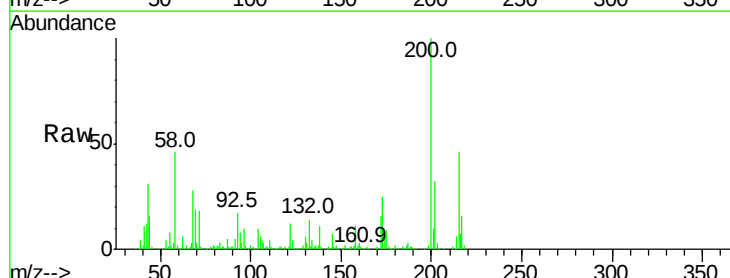
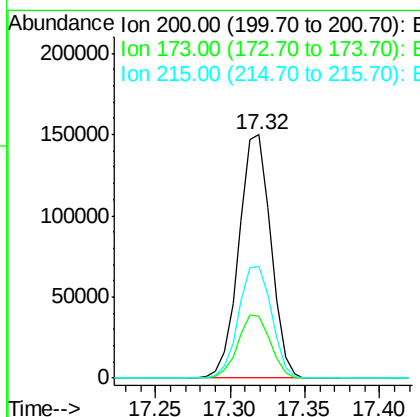
Manual Integrations
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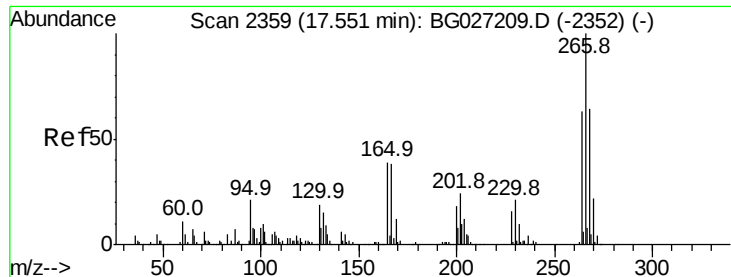
mohammad
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#68
Atrazine
Concen: 55.52 ng
RT: 17.32 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.4	3.0	43.0
215	45.8	28.4	68.4





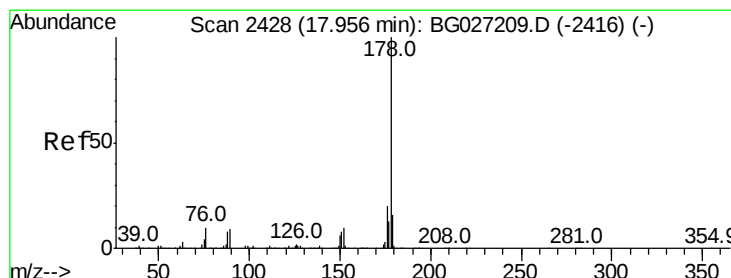
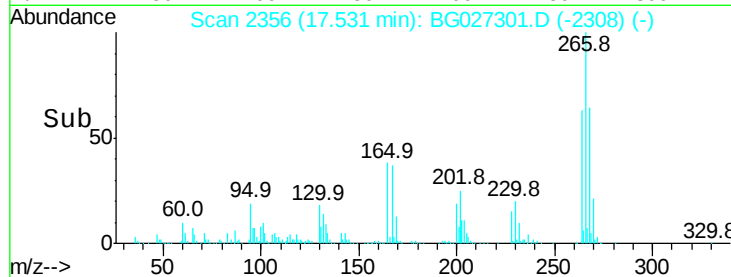
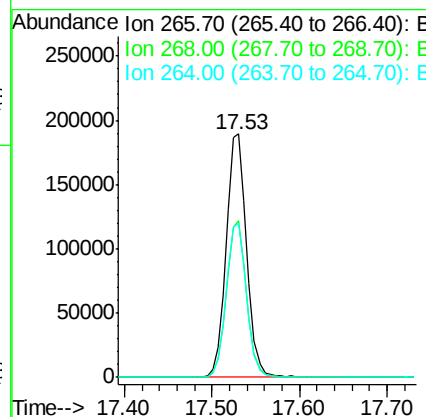
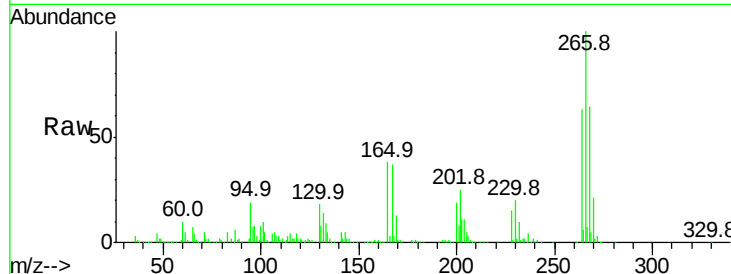
#69
 Pentachlorophenol
 Concen: 106.94 ng
 RT: 17.53 min Scan# 2356
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.2	48.6	72.8	
264	63.4	50.1	75.1	

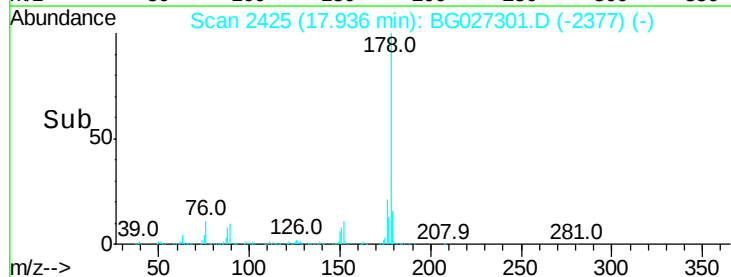
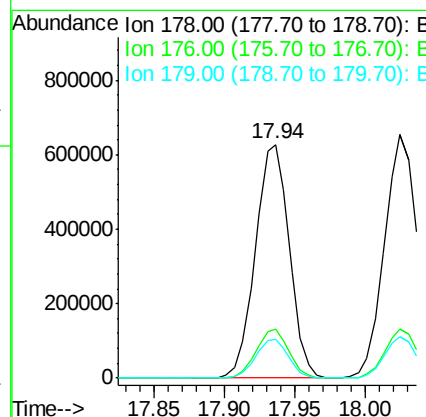
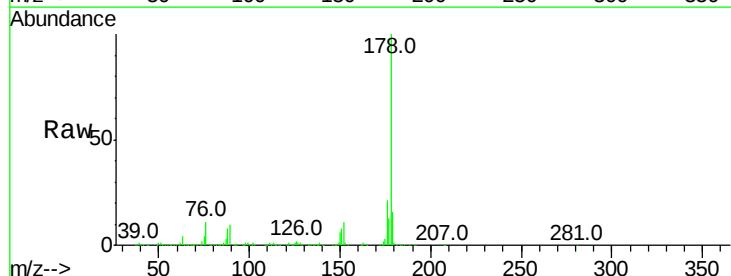
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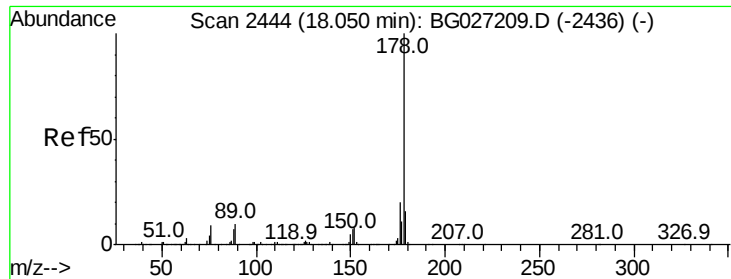
mohammad
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#70
 Phenanthrene
 Concen: 49.21 ng
 RT: 17.94 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.8	17.7	26.5	
179	16.4	15.0	22.6	





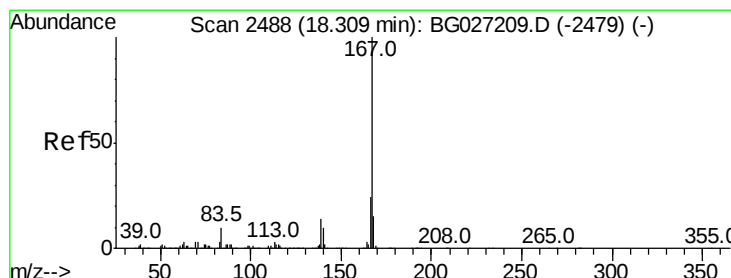
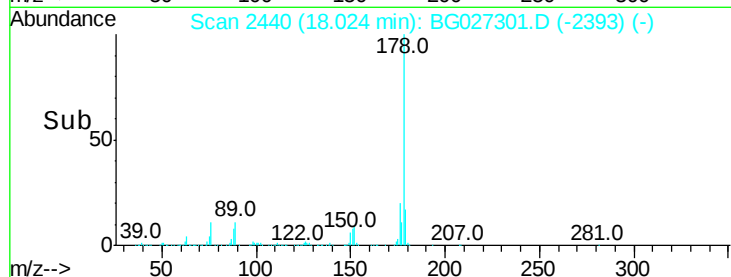
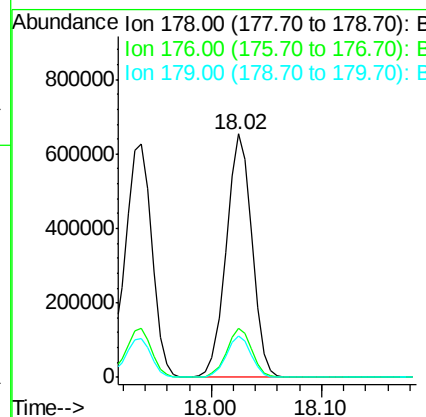
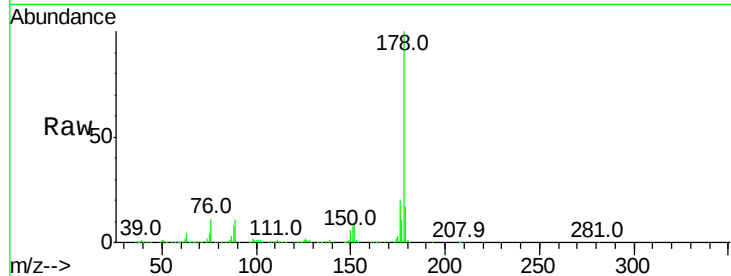
#71
 Anthracene
 Concen: 49.35 ng
 RT: 18.02 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.8	13.8	20.8

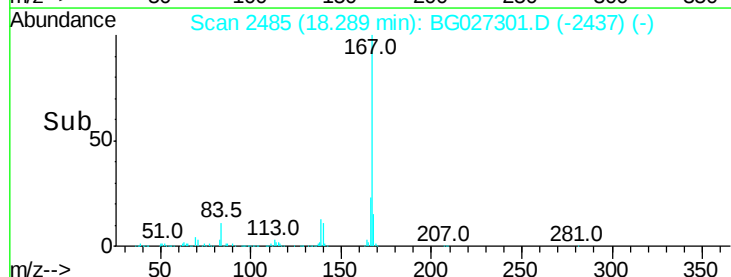
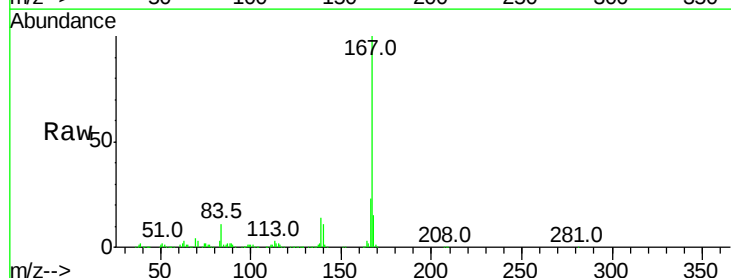
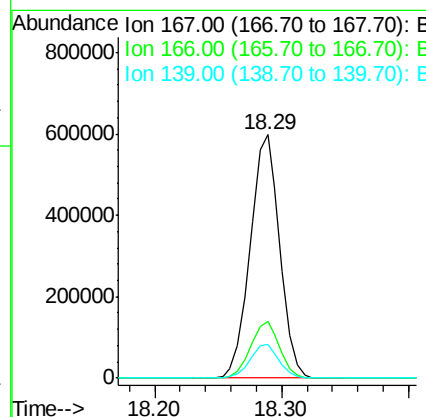
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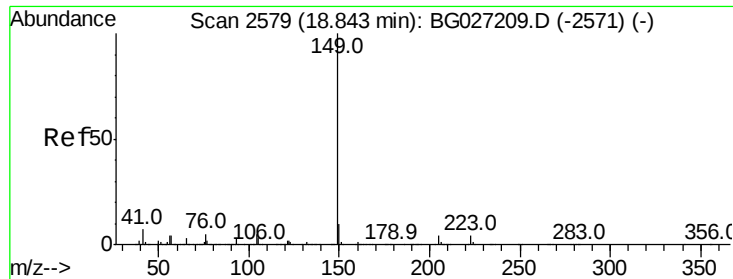
mohammad
 6/8/2017 2:23:05 PM



#72
 Carbazole
 Concen: 47.39 ng
 RT: 18.29 min Scan# 2485
 Delta R.T. -0.02 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	13.7	12.8	19.2





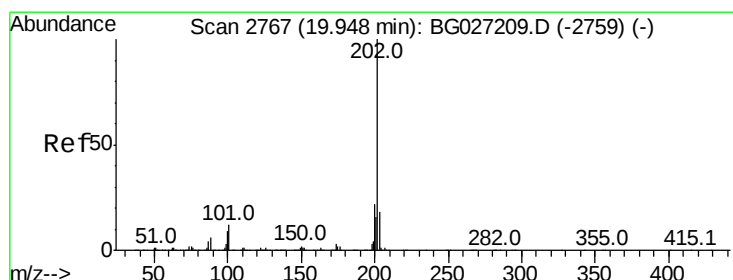
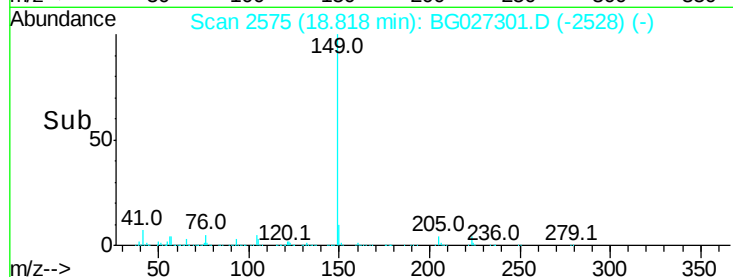
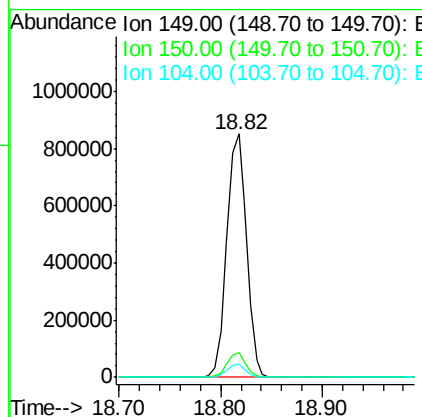
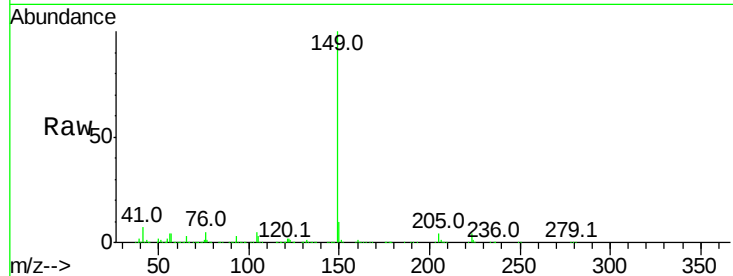
#73
Di-n-butylphthalate
Concen: 58.39 ng
RT: 18.82 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	5.2	6.7	10.1

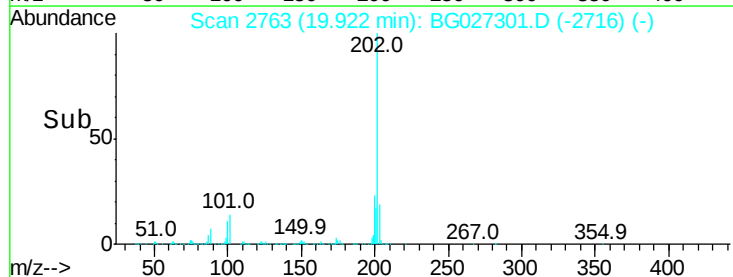
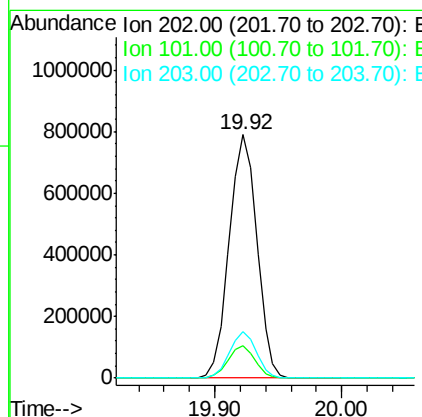
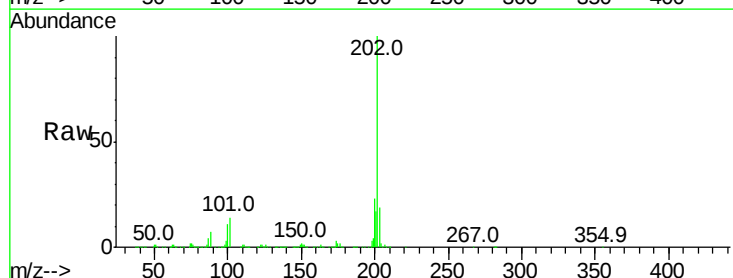
Manual Integrations
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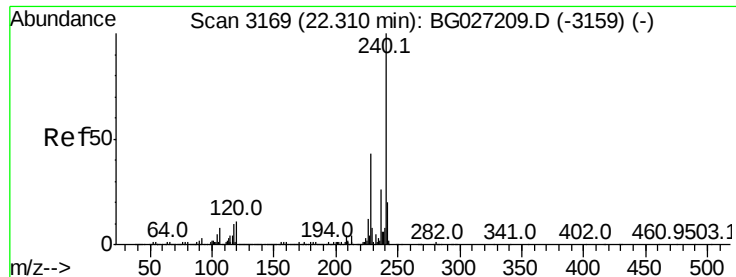
mohammad
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#74
Fluoranthene
Concen: 51.80 ng
RT: 19.92 min Scan# 2763
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	30.1
203	19.1	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

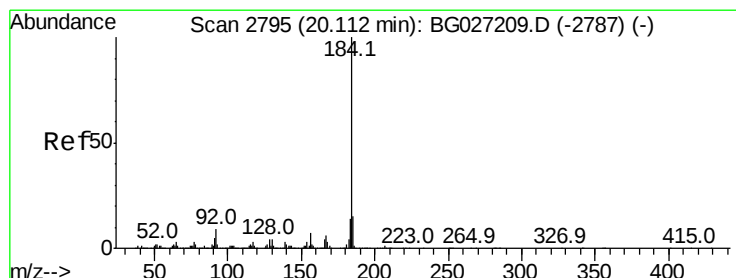
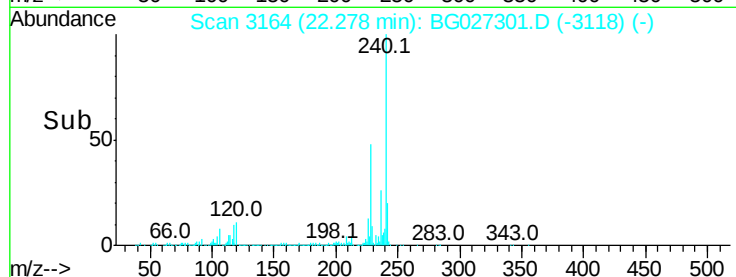
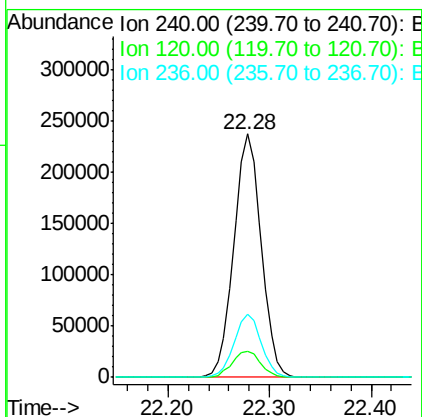
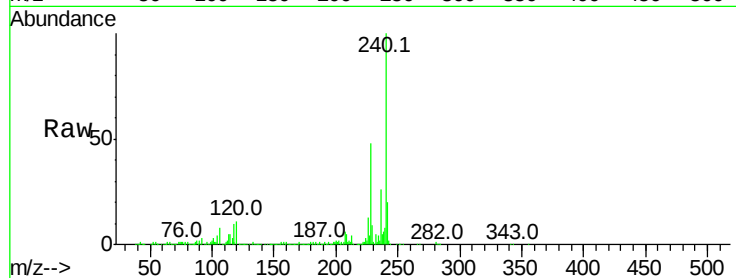
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	26.1	22.2	33.4

Manual Integrations
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#76

Benzidine

Concen: 50.90 ng

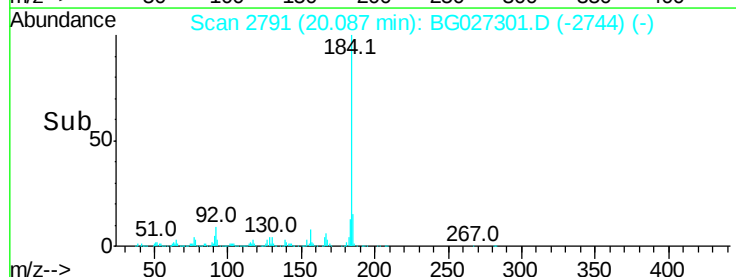
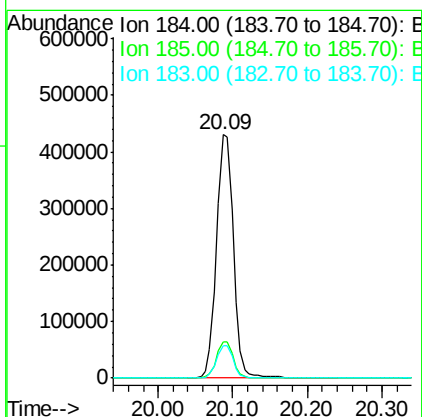
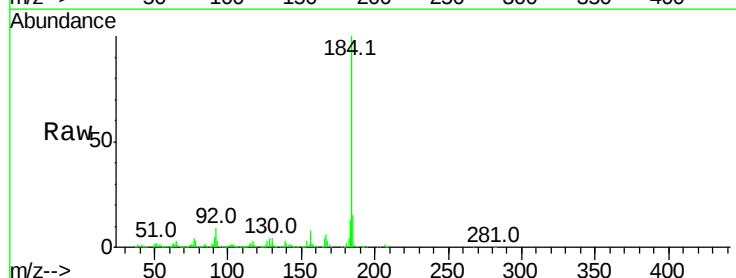
RT: 20.09 min Scan# 2791

Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.6
183	13.3	11.0	16.6





#77

Pvrene

Concen: 45.75 ng

RT: 20.29 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

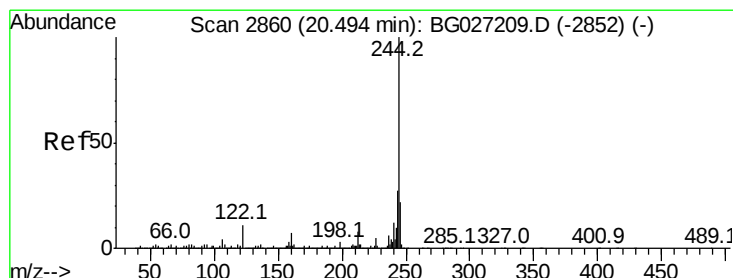
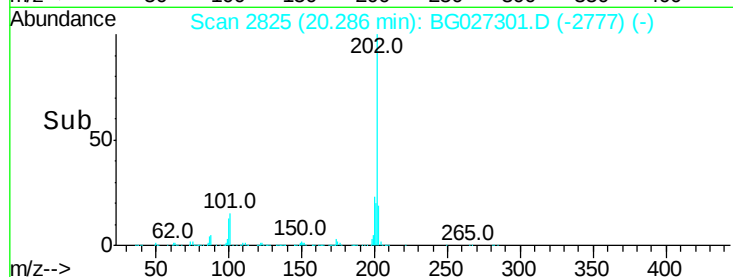
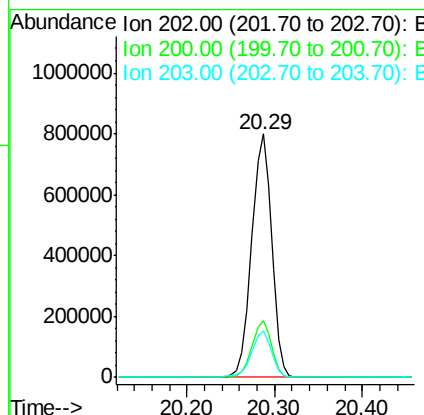
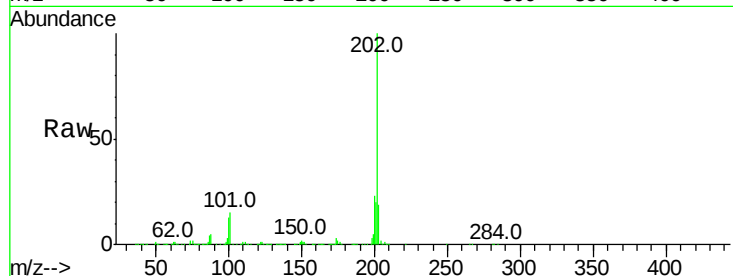
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.6	29.4
203	19.3	15.8	23.8

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#78

Terphenyl-d14

Concen: 94.25 ng

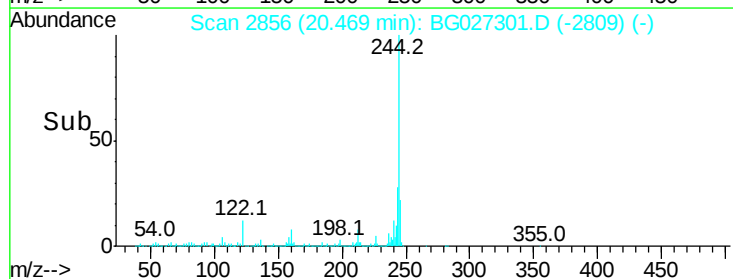
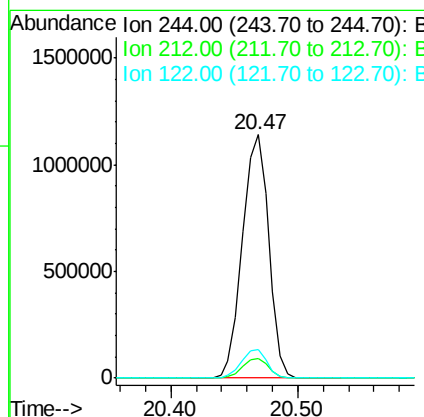
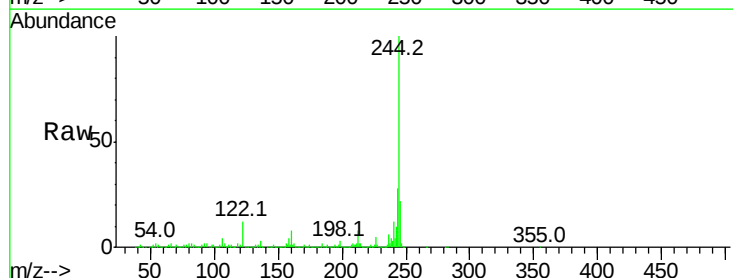
RT: 20.47 min Scan# 2856

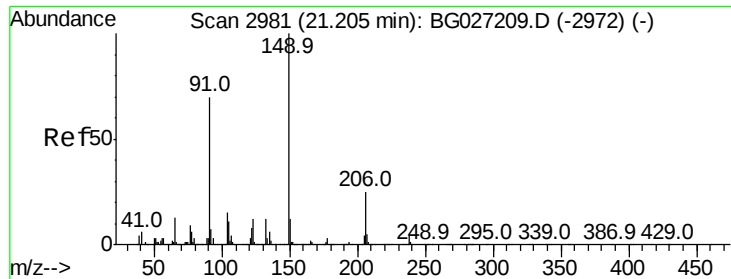
Delta R.T. -0.03 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.8	8.6	12.8





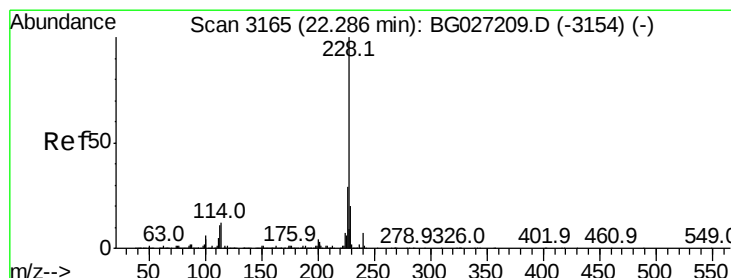
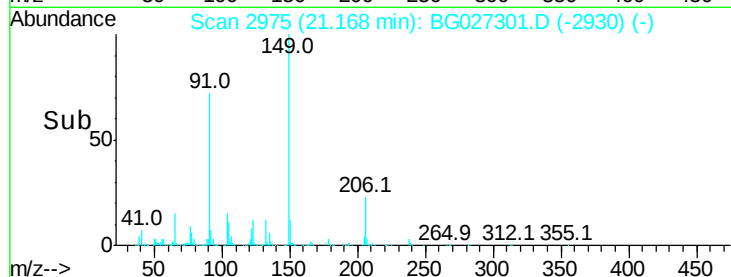
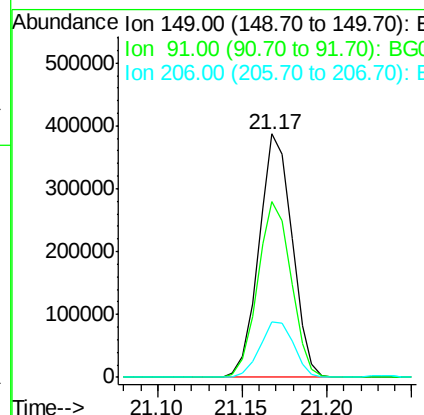
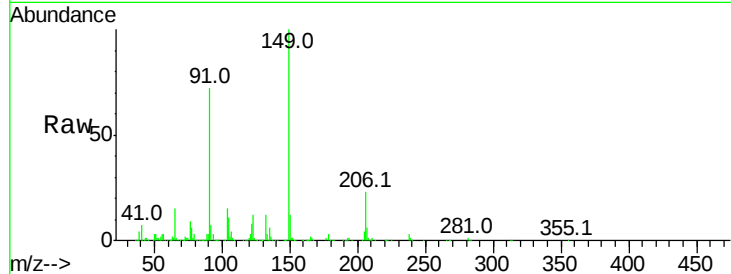
#79
Butylbenzylphthalate
Concen: 55.72 ng
RT: 21.17 min Scan# 2975
Delta R.T. -0.04 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.4	63.5	95.3
206	22.6	21.0	31.6

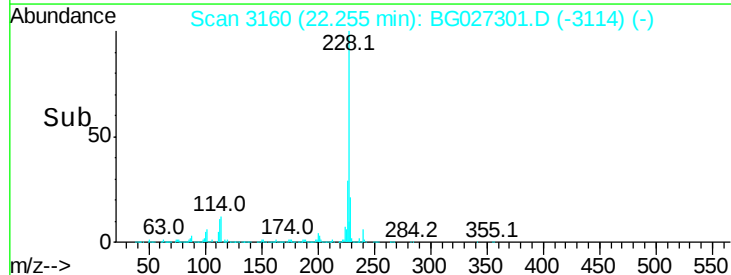
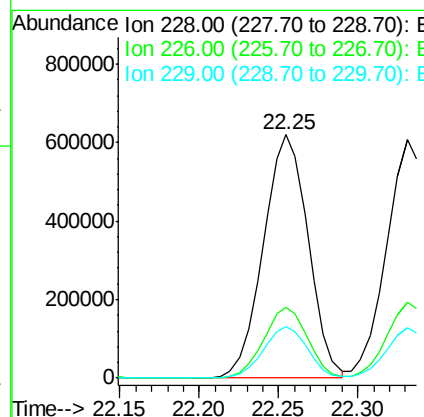
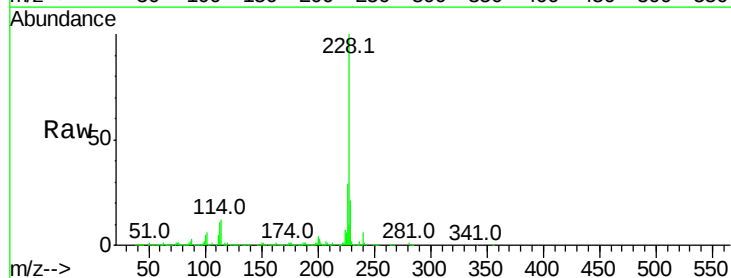
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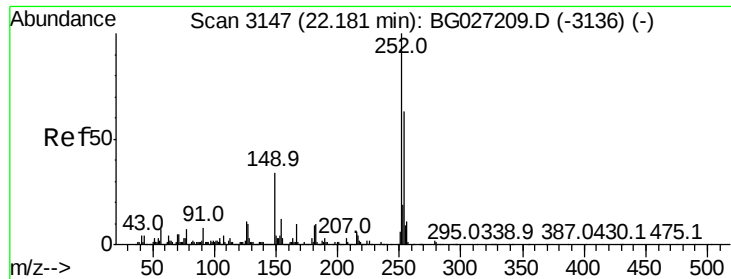
mohammad
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#80
Benzo(a)anthracene
Concen: 48.13 ng
RT: 22.25 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.9	37.3
229	21.4	18.2	27.2





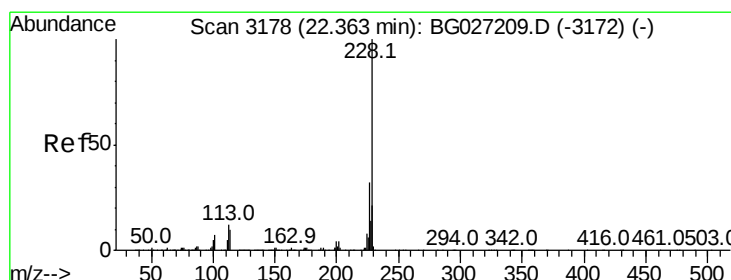
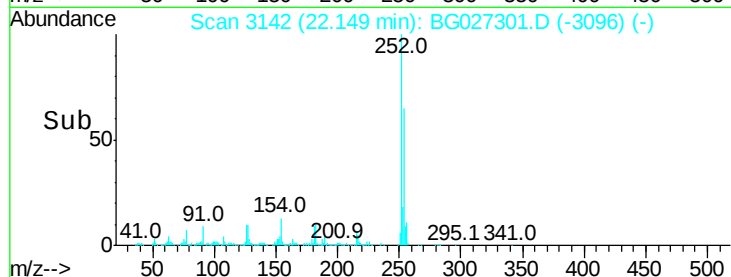
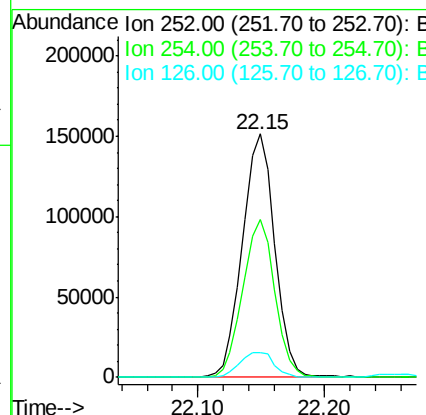
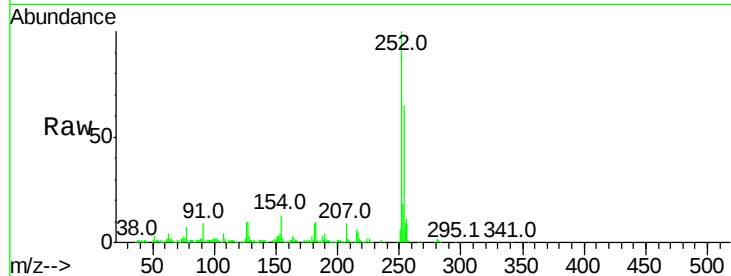
#81
 3,3'-Dichlorobenzidine
 Concen: 27.31 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	268690		
254	64.7	53.1	79.7	
126	10.3	7.0	10.4	

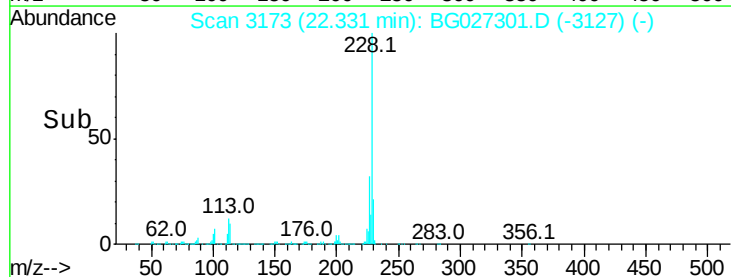
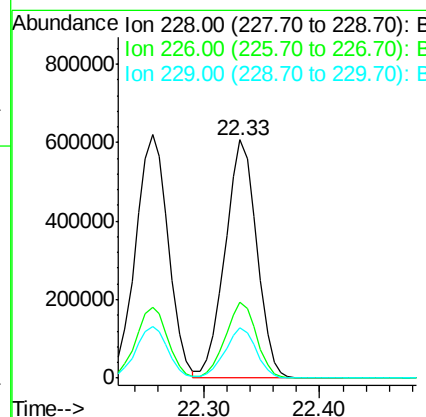
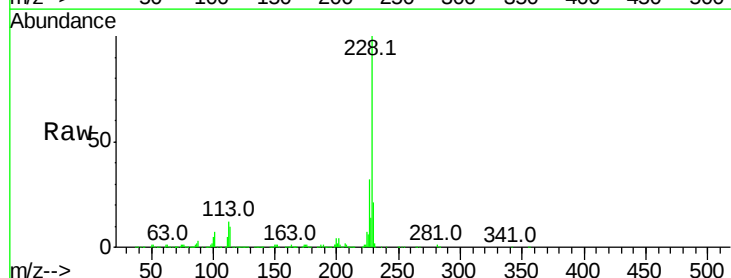
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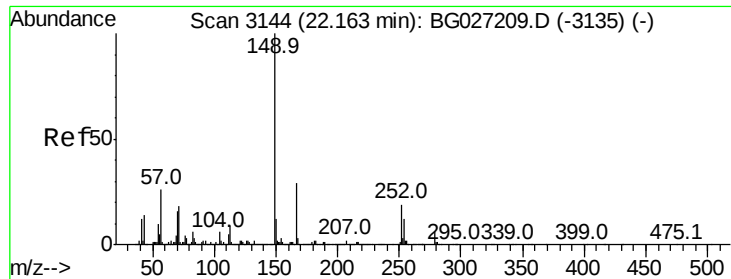
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#82
 Chrysene
 Concen: 47.33 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1149060		
226	31.6	27.0	40.4	
229	21.0	17.8	26.6	





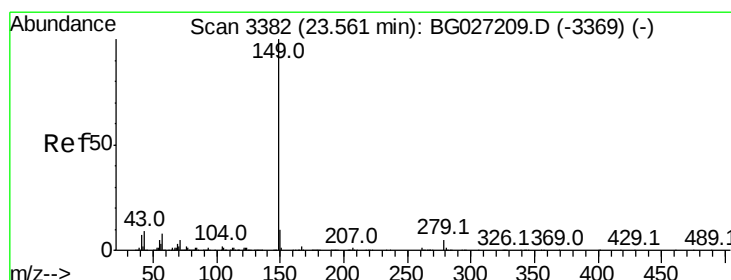
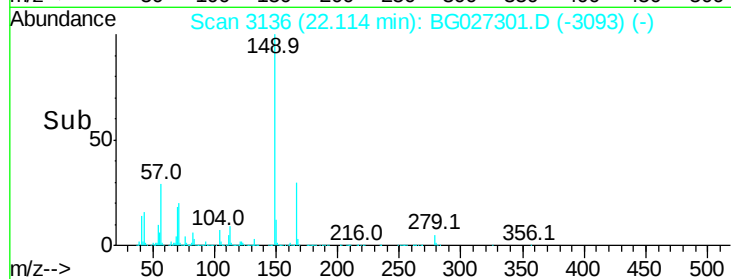
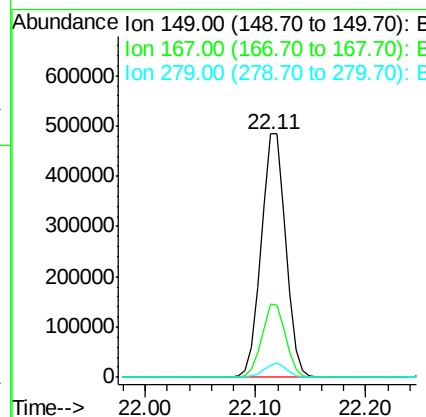
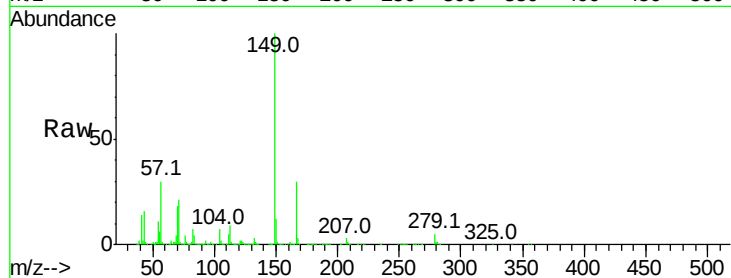
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.86 ng
 RT: 22.11 min Scan# 3136
 Delta R.T. -0.05 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.9	23.7	35.5	
279	5.1	4.6	6.8	

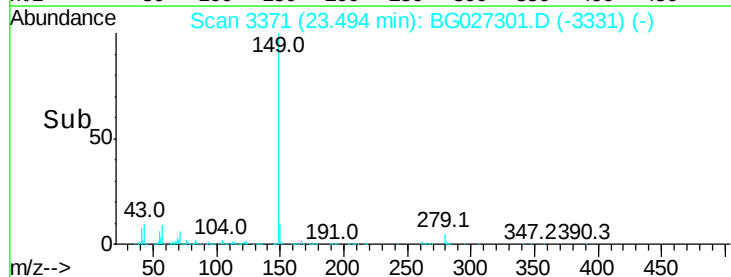
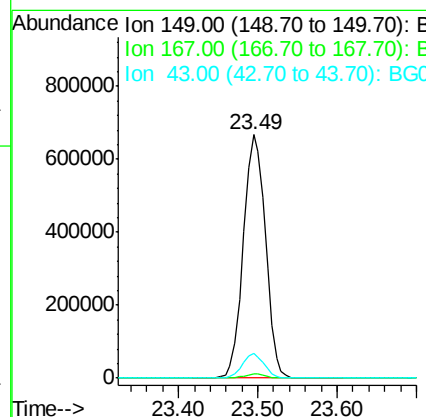
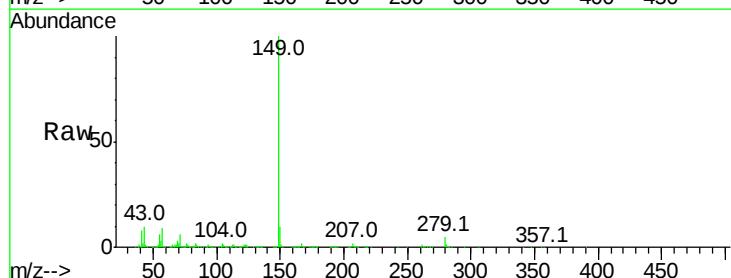
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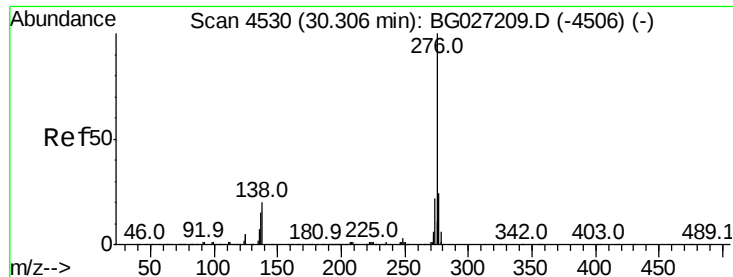
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 54.45 ng
 RT: 23.49 min Scan# 3371
 Delta R.T. -0.07 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.4	2.2	
43	9.7	11.8	17.6	





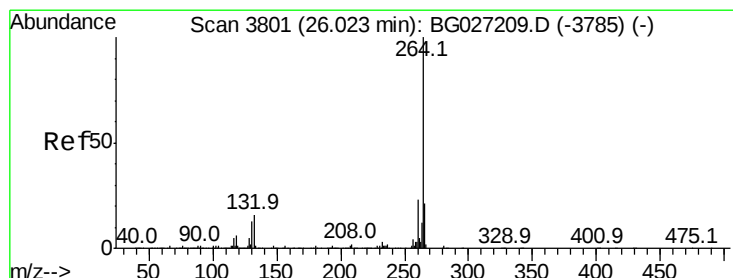
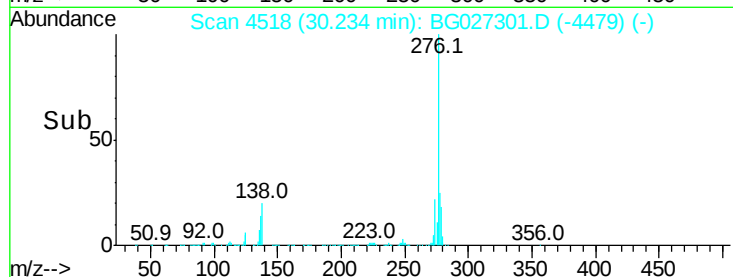
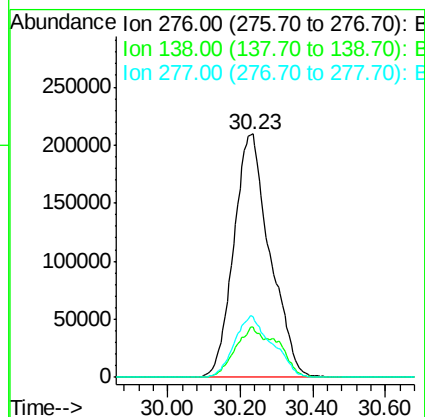
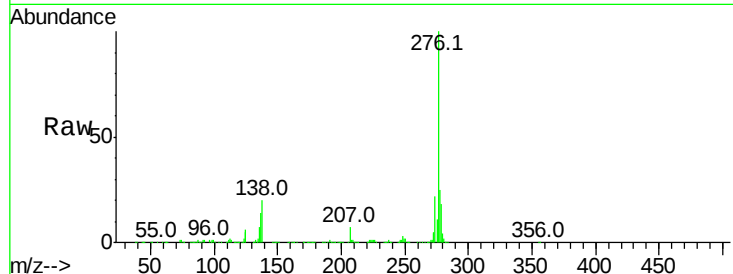
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.34 ng
RT: 30.23 min Scan# 4518
Delta R.T. -0.07 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion:276 Resp: 1450768
Ion Ratio Lower Upper
276 100
138 15.7 4.7 7.1#
277 26.4 20.6 31.0

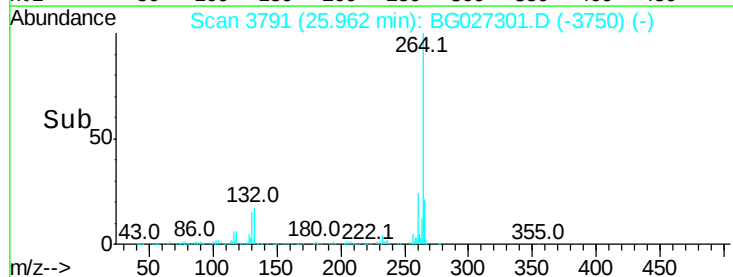
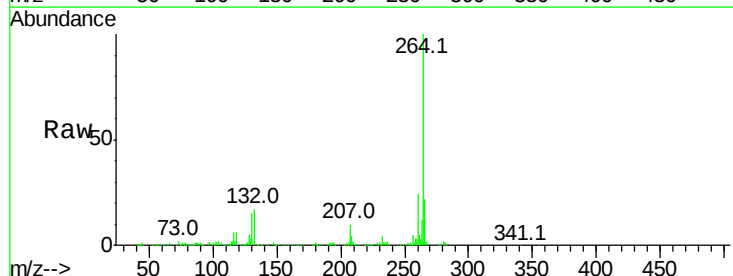
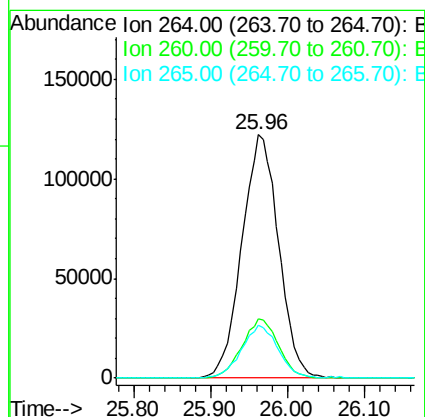
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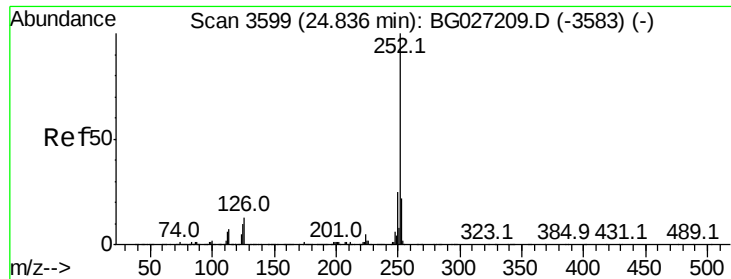
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion:264 Resp: 406750
Ion Ratio Lower Upper
264 100
260 24.4 21.8 32.8
265 21.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 49.04 ng

RT: 24.79 min Scan# 3591

Delta R.T. -0.05 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Instrument :

BNA_G

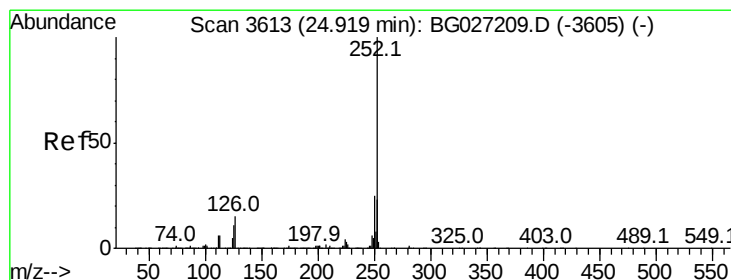
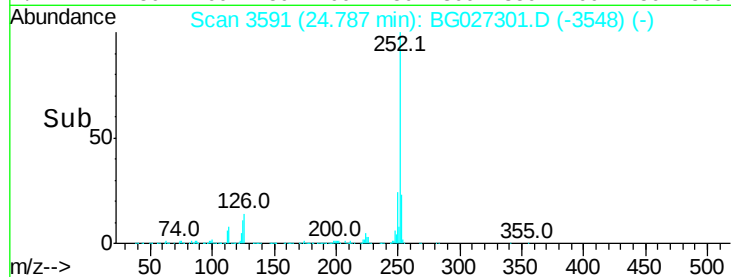
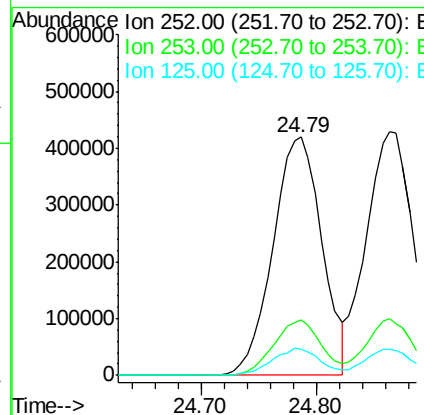
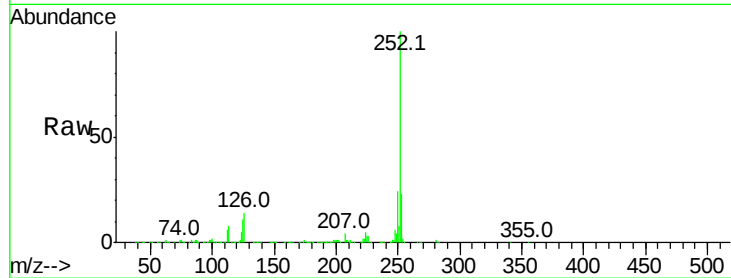
ClientSampleId :

SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	10.8	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 49.18 ng

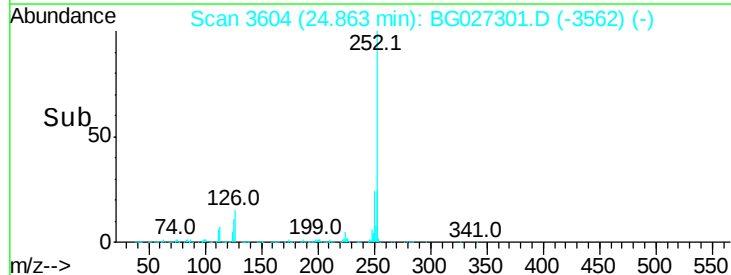
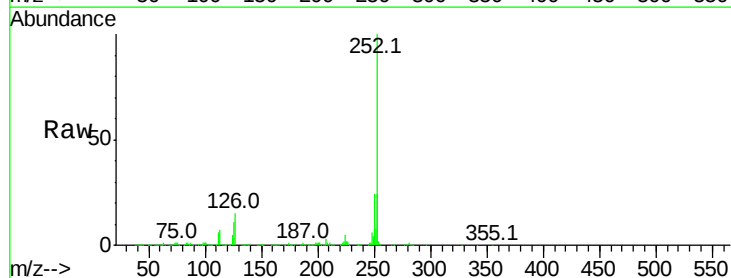
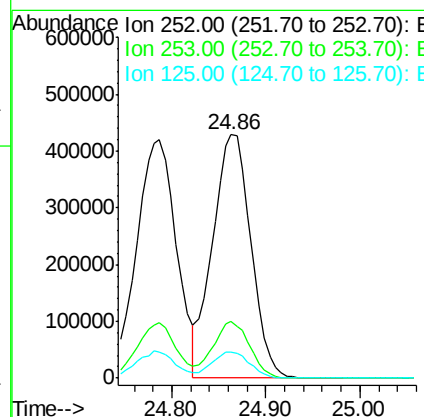
RT: 24.86 min Scan# 3604

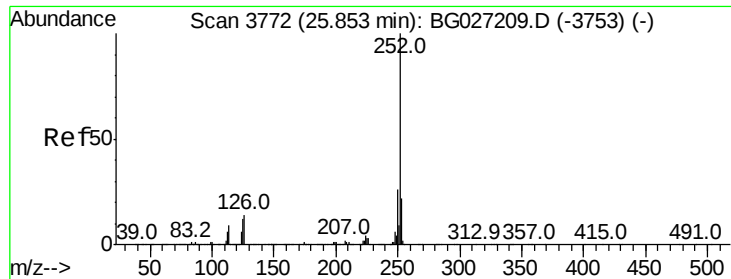
Delta R.T. -0.06 min

Lab File: BG027301.D

Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.2	30.2
125	10.8	5.1	7.7#





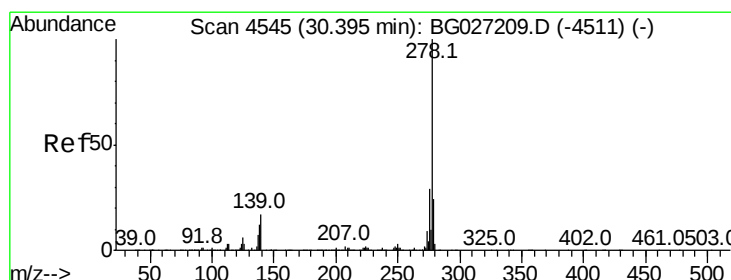
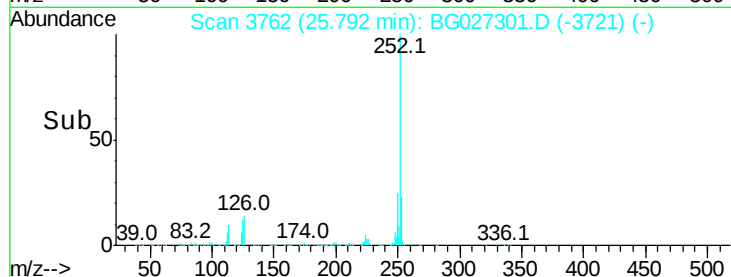
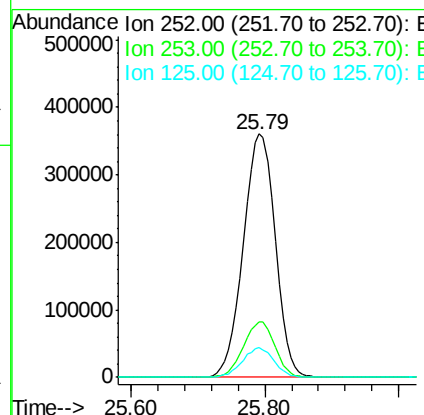
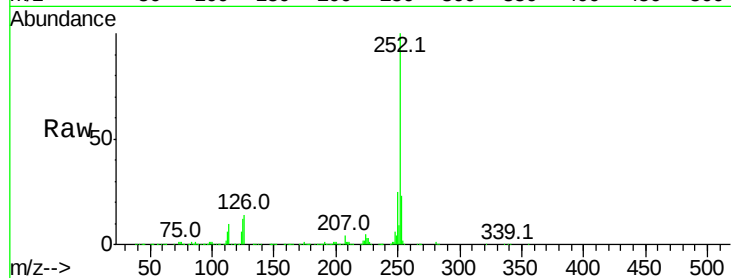
#89
Benzo(a)pyrene
Concen: 50.14 ng
RT: 25.79 min Scan# 3762
Delta R.T. -0.06 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	12.4	5.4	8.0

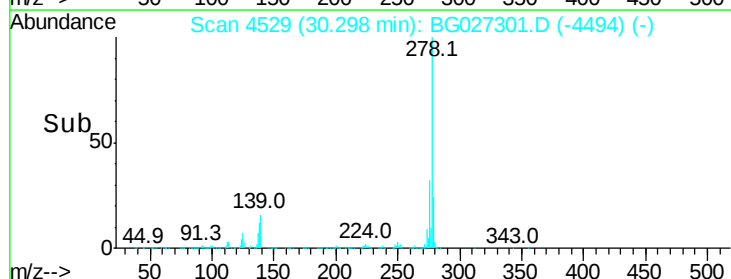
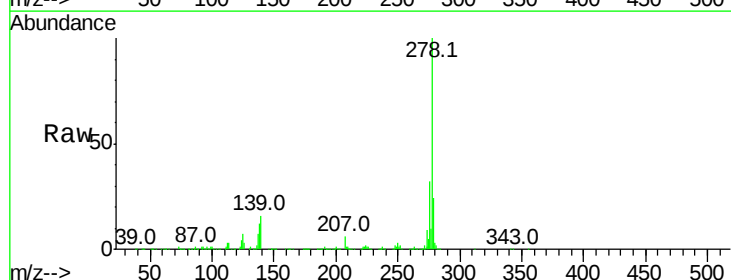
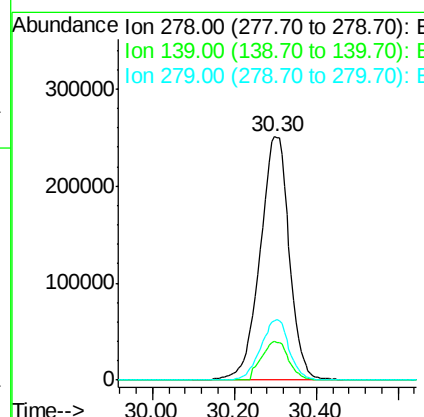
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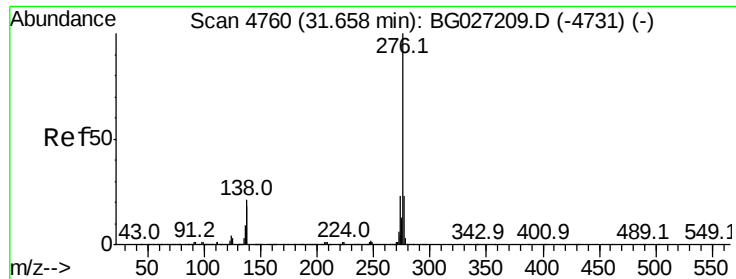
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.95 ng
RT: 30.30 min Scan# 4529
Delta R.T. -0.10 min
Lab File: BG027301.D
Acq: 8 Jun 2017 2:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	7.7	11.5
279	24.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 48.75 ng
 RT: 31.56 min Scan# 4744
 Delta R.T. -0.10 min
 Lab File: BG027301.D
 Acq: 8 Jun 2017 2:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(7-9)20170604MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	20.8	8.1	12.1

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