

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027809.D
 Acq On : 2 Jul 2017 7:58
 Operator : SJ/JU
 Sample : I3979-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:32:00 AM

Quant Time: Jul 03 16:07:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	29189	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	147327	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	98900	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	243400	20.00	ng	0.00
75) Chrysene-d12	22.18	240	256143	20.00	ng	0.00
86) Perylene-d12	25.78	264	232211	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	258020	136.12	ng	0.00
7) Phenol-d6	7.62	99	352846	121.85	ng	0.00
23) Nitrobenzene-d5	9.64	82	243175	92.00	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	236060	174.02	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	660018	95.31	ng	0.00
78) Terphenyl-d14	20.39	244	1114397	102.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.06	88	20446	28.972	ng	# 90
3) Pyridine	4.96	79	30494m	14.033	ng	
4) n-Nitrosodimethylamine	4.35	42	40747	38.237	ng	88
8) 2-Chlorophenol	8.05	128	99922	47.175	ng	90
9) Benzaldehyde	7.62	77	27593	16.014	ng	85
10) Phenol	7.65	94	116687	40.729	ng	84
11) bis(2-Chloroethyl)ether	7.88	93	81063	37.250	ng	98
12) 1,3-Dichlorobenzene	8.36	146	88422	39.246	ng	# 92
13) 1,4-Dichlorobenzene	8.51	146	89313	38.258	ng	95
14) 1,2-Dichlorobenzene	8.83	146	89693	39.625	ng	93
15) Benzyl Alcohol	8.71	79	11378	5.680	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	176495	38.024	ng	98
17) 2-Methylphenol	8.90	107	90348	44.575	ng	# 87
18) Hexachloroethane	9.57	117	30254	36.842	ng	# 83
19) n-Nitroso-di-n-propylamine	9.27	70	81221	38.553	ng	# 97
20) 3+4-Methylphenols	9.23	107	123211	42.153	ng	89
22) Acetophenone	9.29	105	150264	42.267	ng	# 91
24) Nitrobenzene	9.69	77	112241	40.619	ng	# 83
25) Isophorone	10.20	82	235216	40.828	ng	# 92
26) 2-Nitrophenol	10.40	139	56165	44.999	ng	# 82
27) 2,4-Dimethylphenol	10.44	122	105728	45.226	ng	91
28) bis(2-Chloroethoxy)methane	10.67	93	126721	38.797	ng	# 94
29) 2,4-Dichlorophenol	10.94	162	107034	52.244	ng	97
30) 1,2,4-Trichlorobenzene	11.15	180	92424	44.233	ng	97
31) Naphthalene	11.34	128	327873	41.848	ng	98
32) Benzoic acid	10.56	122	23295	22.155	ng	# 77
33) 4-Chloroaniline	11.73	127	16676m	4.927	ng	
34) Hexachlorobutadiene	11.61	225	54638	46.930	ng	100
35) Caprolactam	12.25	113	37297m	36.195	ng	
36) 4-Chloro-3-methylphenol	12.55	107	115973	40.228	ng	92
37) 2-Methylnaphthalene	12.92	142	265723	45.535	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	121423	46.721	ng	98
40) Hexachlorocyclopentadiene	13.25	237	150387	122.732	ng	96
42) 2,4,6-Trichlorophenol	13.51	196	94635	50.417	ng	91

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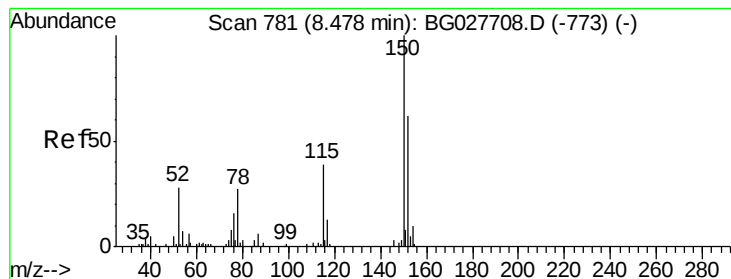
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.59	196	101587	47.764	ng	# 95
45) 1,1'-Biphenyl	13.90	154	354423	44.710	ng	97
46) 2-Chloronaphthalene	13.95	162	266971	44.582	ng	98
47) 2-Nitroaniline	14.15	65	105734	44.111	ng	# 81
48) Acenaphthylene	14.79	152	461521	42.177	ng	96
49) Dimethylphthalate	14.50	163	387656	45.948	ng	97
50) 2,6-Dinitrotoluene	14.63	165	85669	46.711	ng	# 78
51) Acenaphthene	15.13	154	285111	40.653	ng	94
52) 3-Nitroaniline	15.00	138	49921	23.137	ng	# 78
53) 2,4-Dinitrophenol	15.17	184	109717	105.896	ng	94
54) Dibenzofuran	15.46	168	448942	48.411	ng	98
55) 4-Nitrophenol	15.28	139	107910	65.517	ng	# 63
56) 2,4-Dinitrotoluene	15.41	165	125294	48.980	ng	# 89
57) Fluorene	16.11	166	394291	43.852	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	89371m	48.746	ng	
59) Diethylphthalate	15.86	149	429960	46.024	ng	96
60) 4-Chlorophenyl-phenylether	16.08	204	191490	48.109	ng	93
61) 4-Nitroaniline	16.14	138	62379	27.751	ng	# 72
62) Azobenzene	16.38	77	365222	44.490	ng	94
64) 4,6-Dinitro-2-methylphenol	16.18	198	72715	47.897	ng	81
65) n-Nitrosodiphenylamine	16.31	169	341494	43.130	ng	97
66) 4-Bromophenyl-phenylether	16.98	248	131876	51.803	ng	94
67) Hexachlorobenzene	17.11	284	135345	50.202	ng	98
68) Atrazine	17.29	200	13795	5.519	ng	97
69) Pentachlorophenol	17.46	266	154665	89.094	ng	97
70) Phenanthrene	17.86	178	639002	45.476	ng	95
71) Anthracene	17.95	178	633224	44.627	ng	98
72) Carbazole	18.22	167	516687	36.974	ng	96
73) Di-n-butylphthalate	18.73	149	712518	46.399	ng	# 93
74) Fluoranthene	19.85	202	694427	45.219	ng	96
76) Benzidine	19.85	184	58	3.226	ng	# 1
77) Pyrene	20.21	202	720145	44.800	ng	94
79) Butylbenzylphthalate	21.08	149	322416	44.534	ng	# 88
80) Benzo(a)anthracene	22.15	228	696387	44.969	ng	94
81) 3,3'-Dichlorobenzidine	22.10	252	19447m	3.460	ng	
82) Chrysene	22.23	228	651003	44.849	ng	95
83) Bis(2-ethylhexyl)phthalate	22.00	149	459174	43.401	ng	# 96
84) Di-n-octyl phthalate	23.35	149	772172	44.177	ng	# 90
85) Indeno(1,2,3-cd)pyrene	29.94	276	754442	45.476	ng	# 66
87) Benzo(b)fluoranthene	24.63	252	693120	46.330	ng	# 97
88) Benzo(k)fluoranthene	24.71	252	684645	46.298	ng	# 93
89) Benzo(a)pyrene	25.62	252	652155	46.457	ng	# 94
90) Dibenzo(a,h)anthracene	30.02	278	625362	43.974	ng	# 95
91) Benzo(g,h,i)perylene	31.25	276	589180	43.109	ng	# 93

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



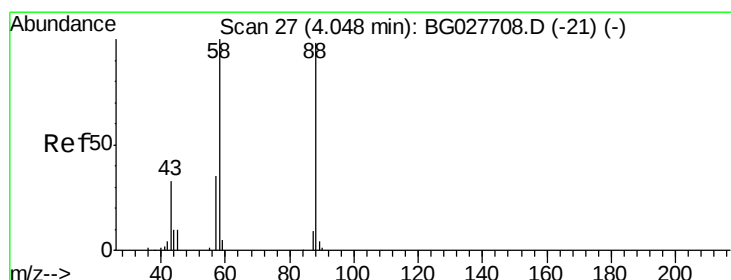
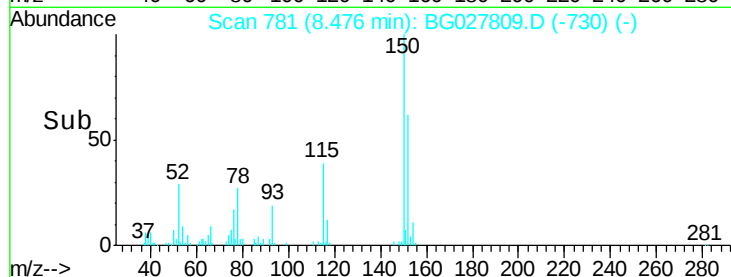
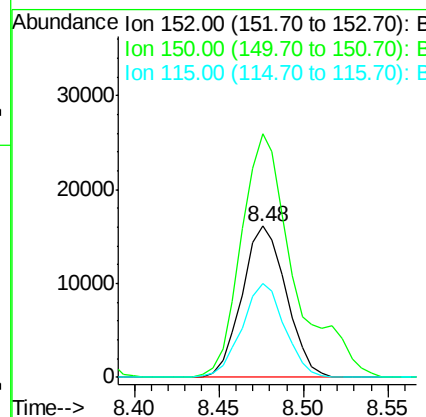
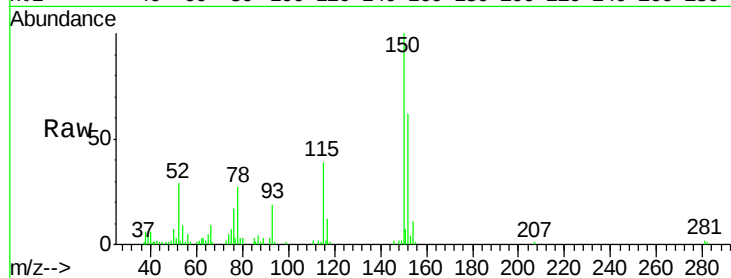
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.48 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.4	114.0	171.0
115	62.5	48.1	72.1

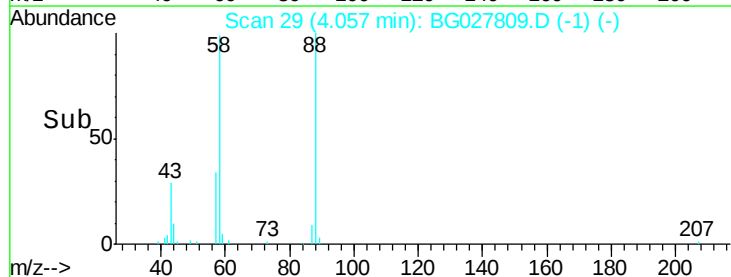
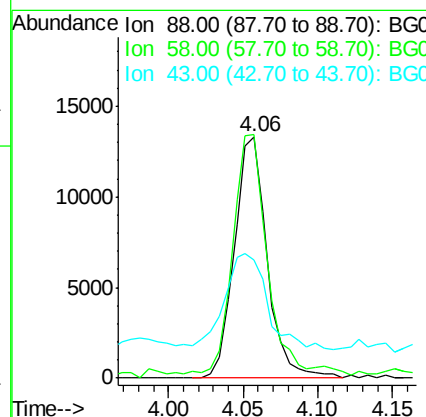
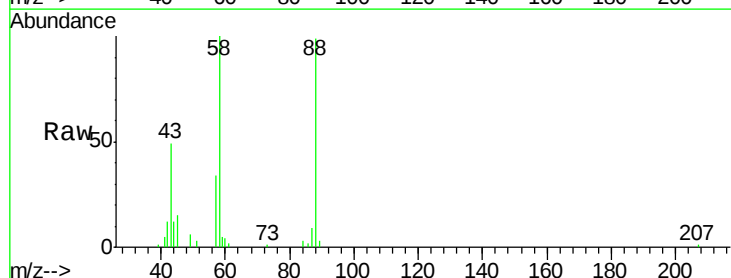
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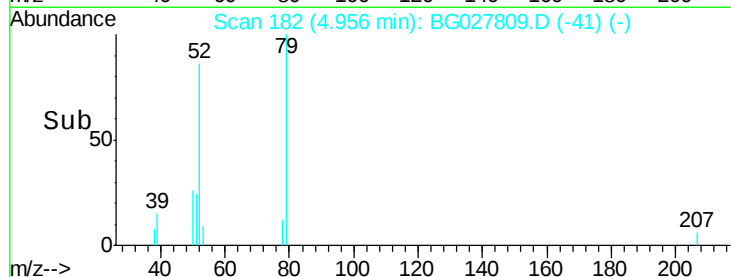
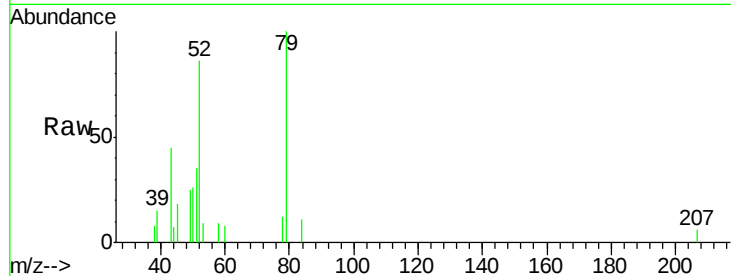
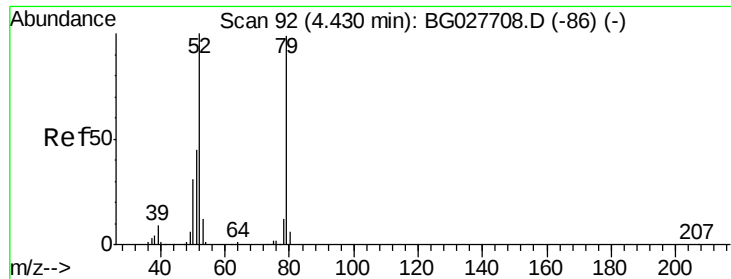
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#2
 1,4-Dioxane
 Concen: 28.972 ng
 RT: 4.06 min Scan# 29
 Delta R.T. 0.01 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.1	79.4	119.2
43	52.8	33.8	50.6#





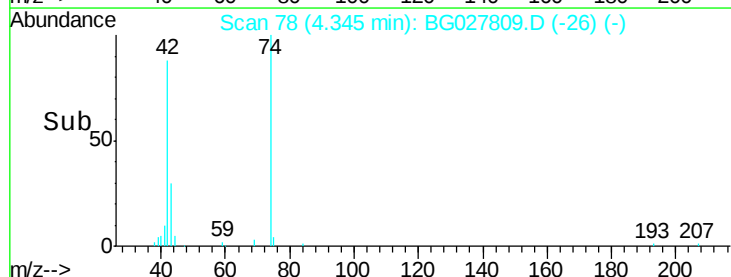
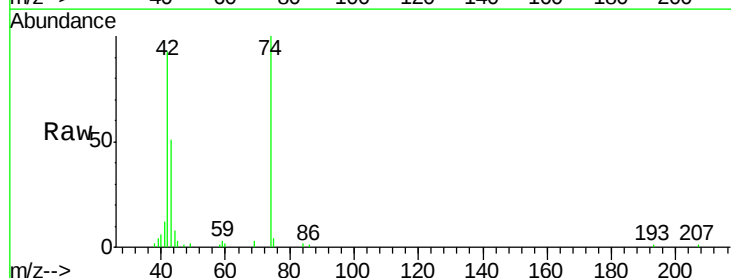
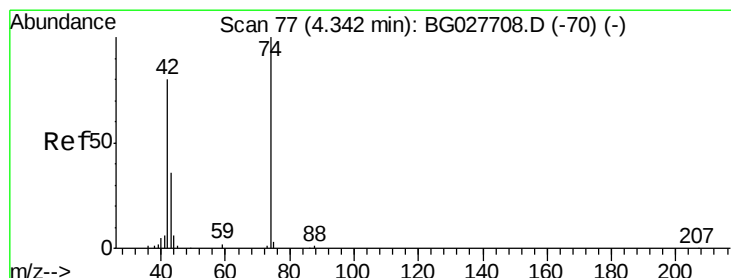
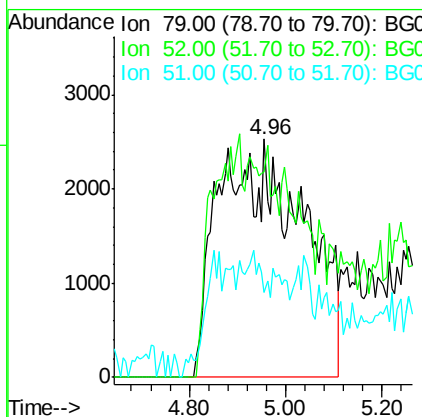
#3
 Pyridine
 Concen: 14.033 ng m
 RT: 4.96 min Scan# 182
 Delta R.T. 0.53 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
79	100		
52	86.1	77.8	116.6
51	35.5	43.2	64.8#

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

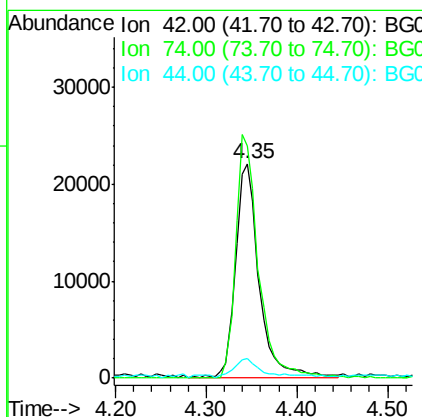
Manual Integrations
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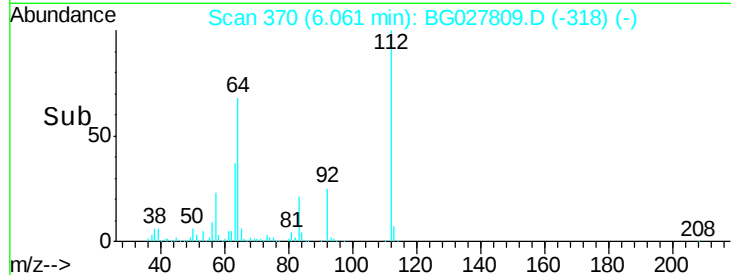
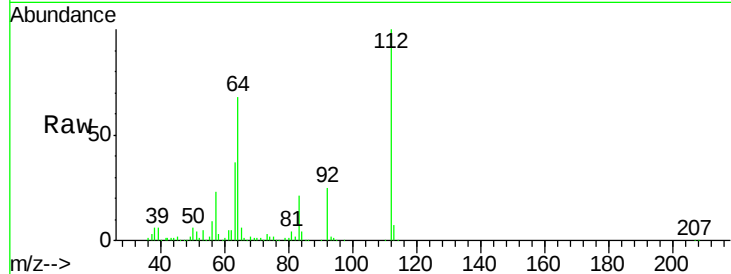
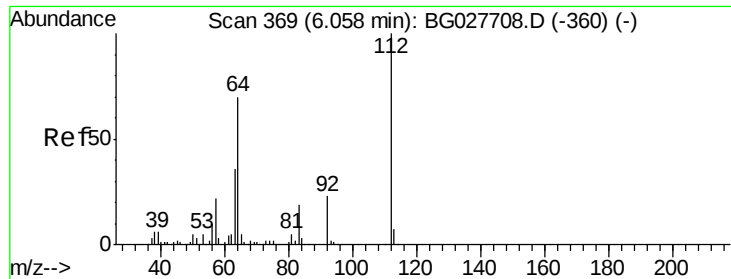
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#4
 n-Nitrosodimethylamine
 Concen: 38.237 ng
 RT: 4.35 min Scan# 78
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.9	76.7	115.1
44	9.0	6.1	9.1





#5

2-Fluorophenol

Concen: 136.122 ng

RT: 6.06 min Scan# 370

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

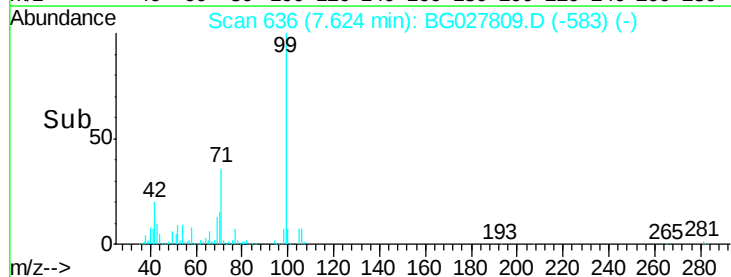
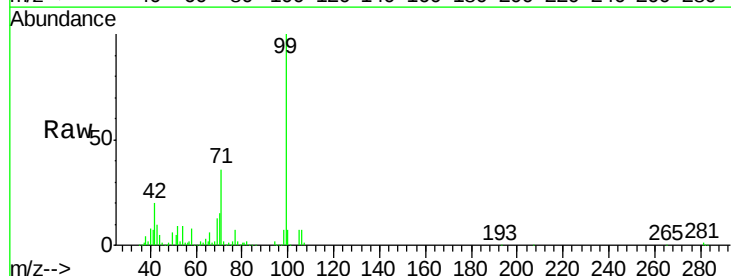
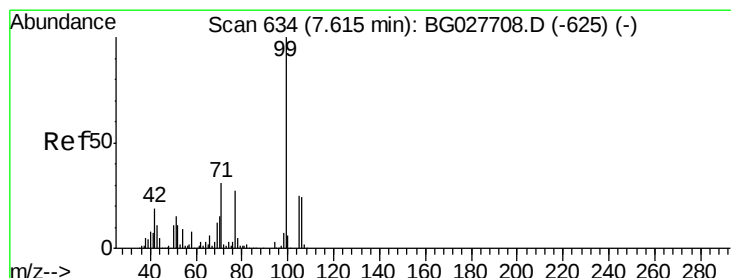
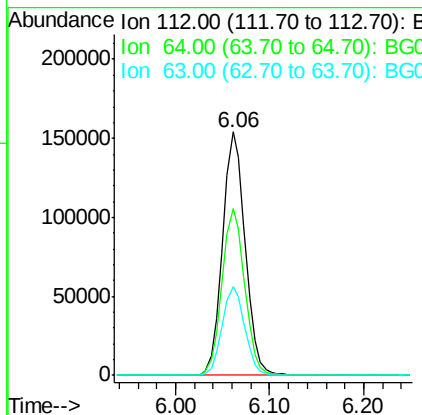
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	258020		
64	68.5	61.8	92.6	
63	36.5	37.2	55.8	

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#7

Phenol-d6

Concen: 121.850 ng

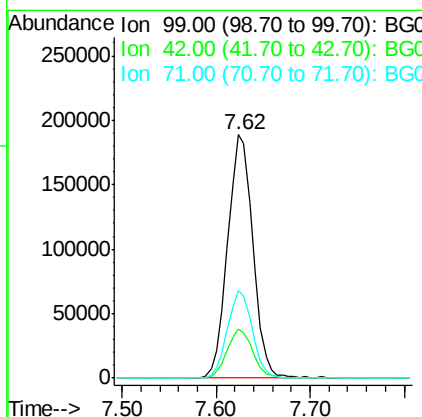
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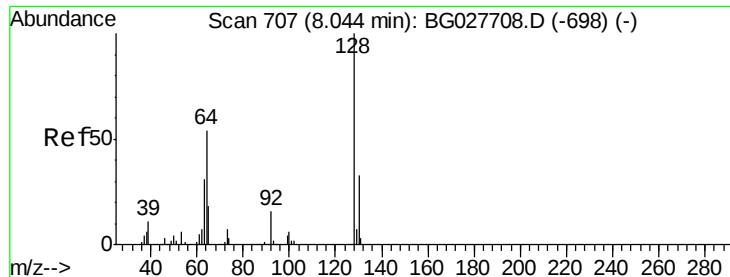
Delta R.T. 0.01 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	352846		
42	20.2	20.5	30.7	
71	35.8	37.6	56.4	





#8

2-Chlorophenol

Concen: 47.175 ng

RT: 8.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

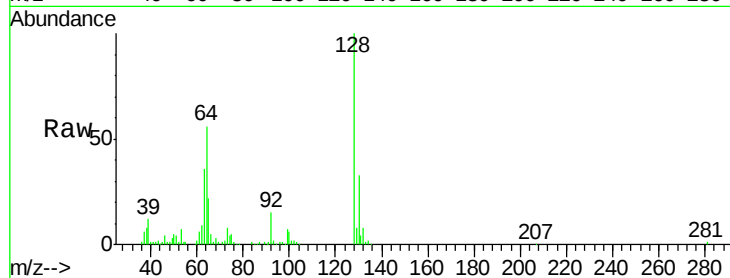
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:	128	Resp:	99922
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.4	51.4
64	56.2	46.6	86.6

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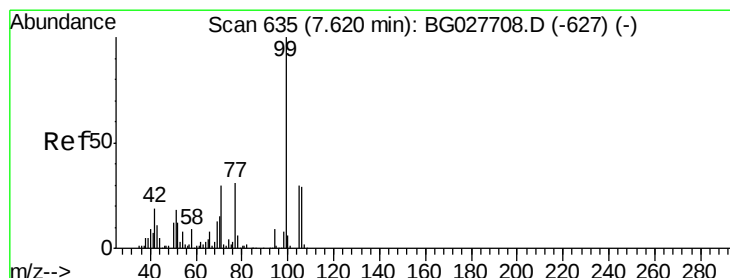
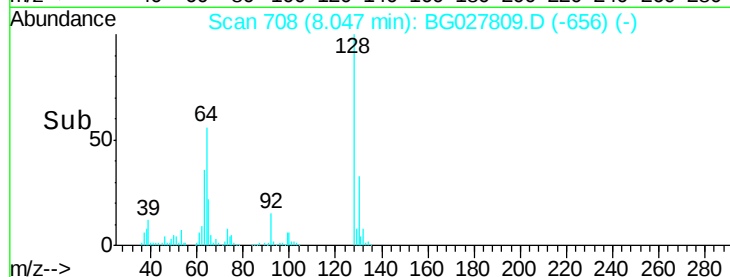
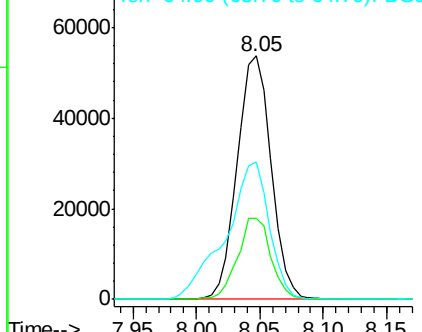
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Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 16.014 ng

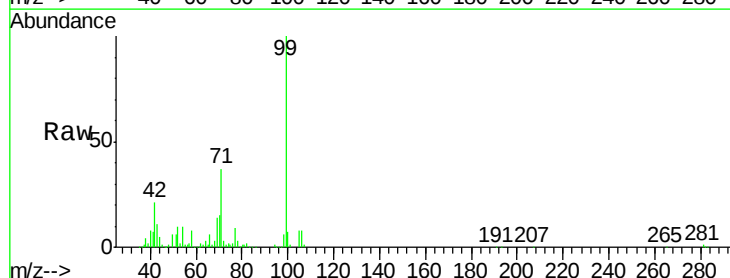
RT: 7.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

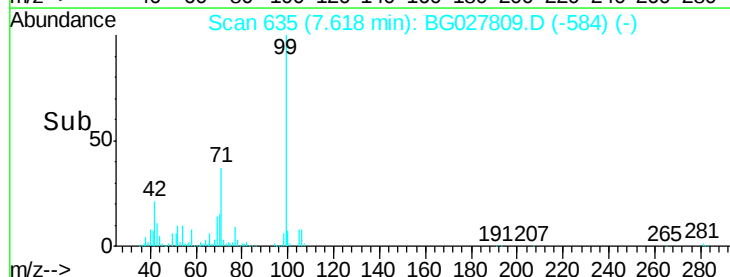
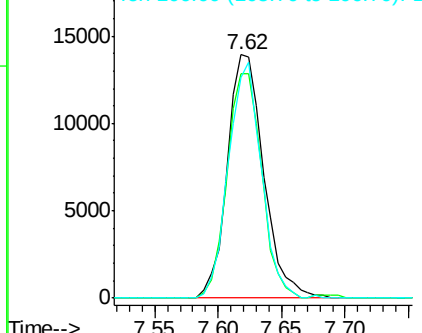
Tgt Ion:	77	Resp:	27593
Ion Ratio	Lower	Upper	
77	100		
105	92.2	60.9	100.9
106	90.5	55.1	95.1

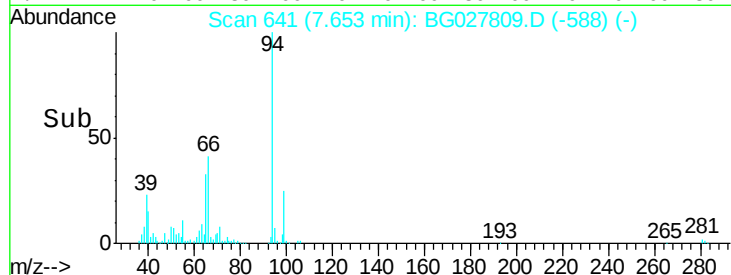
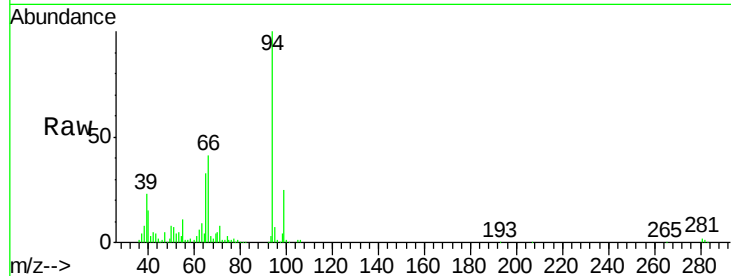
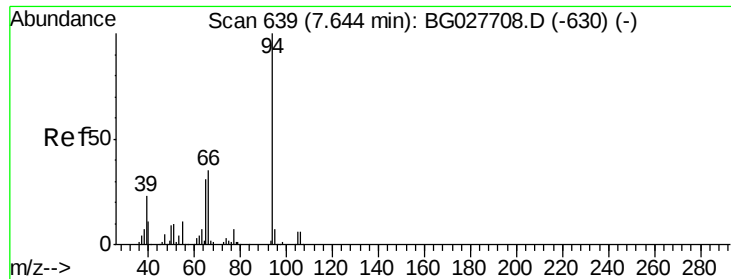


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 40.729 ng

RT: 7.65 min Scan# 641

Delta R.T. 0.01 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:	94	Resp:	116687
Ion	Ratio	Lower	Upper
94	100		
65	33.3	20.6	60.6
66	41.1	35.5	75.5

Instrument :

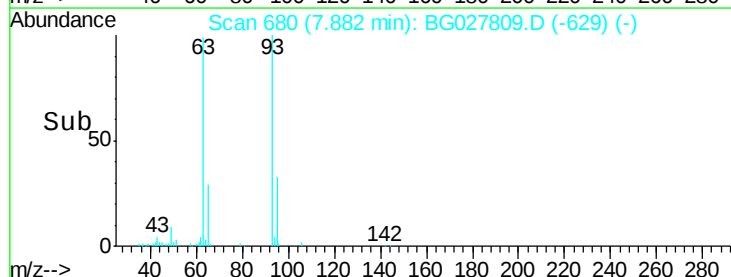
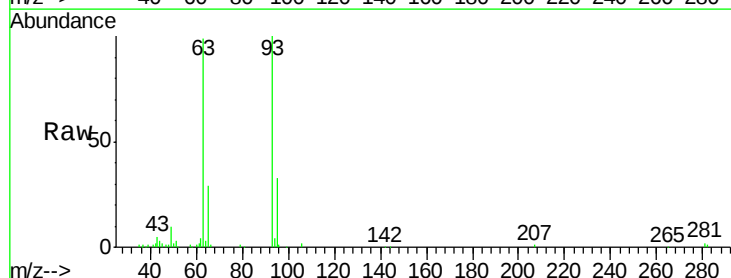
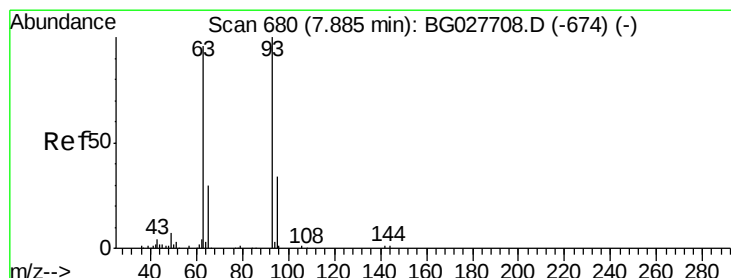
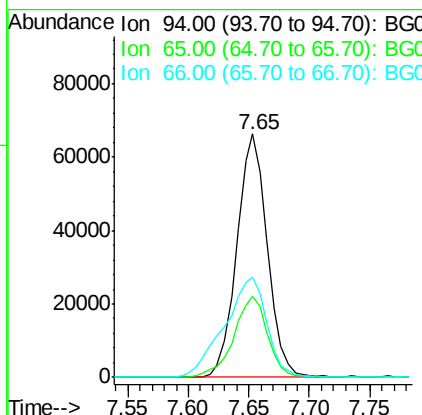
BNA_G

ClientSampleId :

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Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 37.250 ng

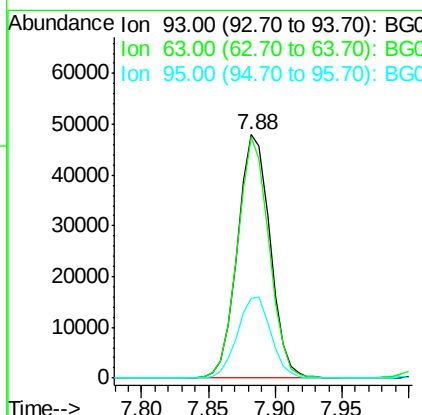
RT: 7.88 min Scan# 680

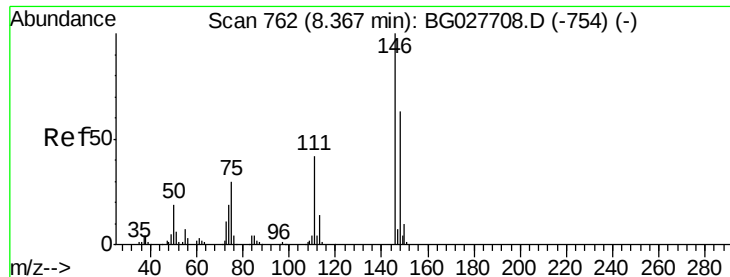
Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:	93	Resp:	81063
Ion	Ratio	Lower	Upper
93	100		
63	98.8	78.5	118.5
95	32.8	9.8	49.8





#12

1,3-Dichlorobenzene

Concen: 39.246 ng

RT: 8.36 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

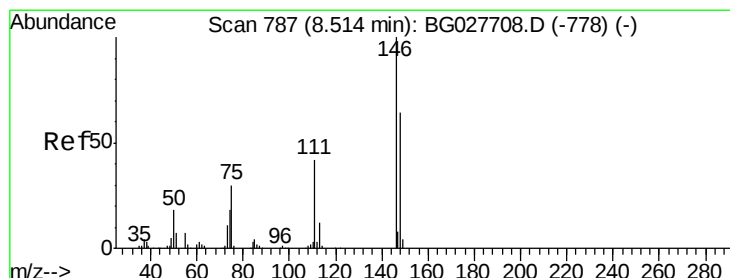
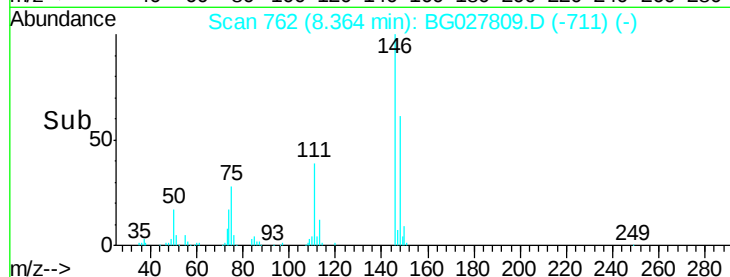
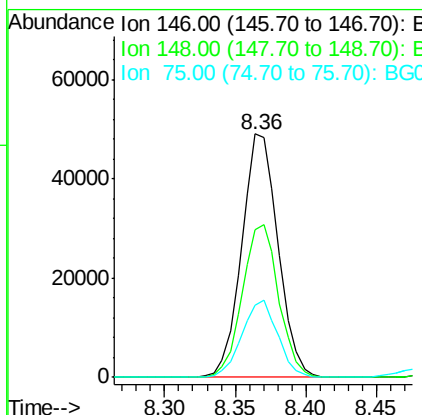
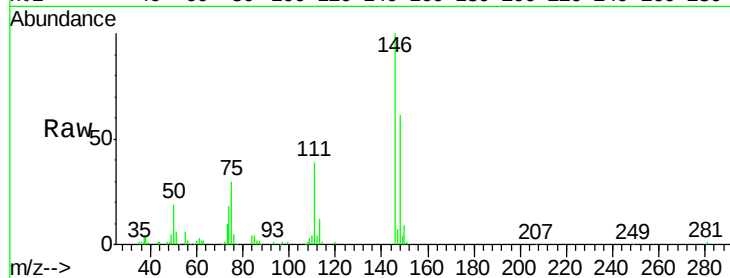
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:	146	Resp:	88422
Ion Ratio	Lower	Upper	
146	100		
148	60.7	49.2	73.8
75	29.5	33.4	50.2#

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#13

1,4-Dichlorobenzene

Concen: 38.258 ng

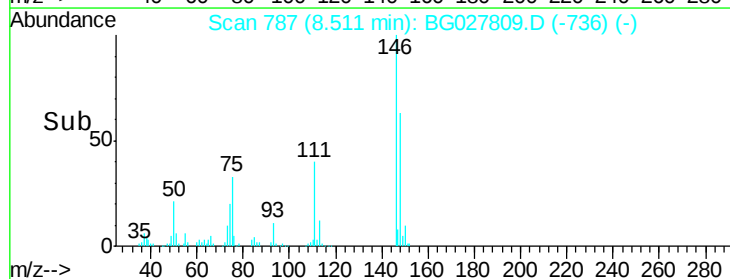
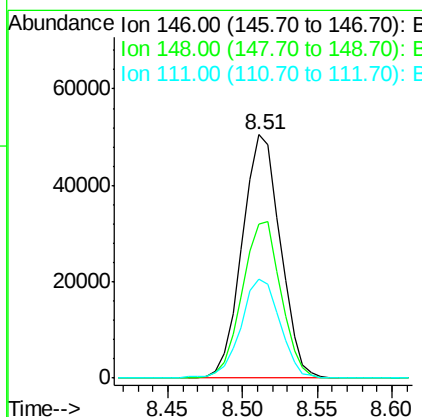
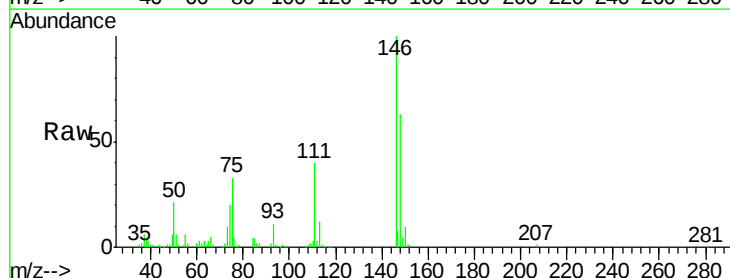
RT: 8.51 min Scan# 787

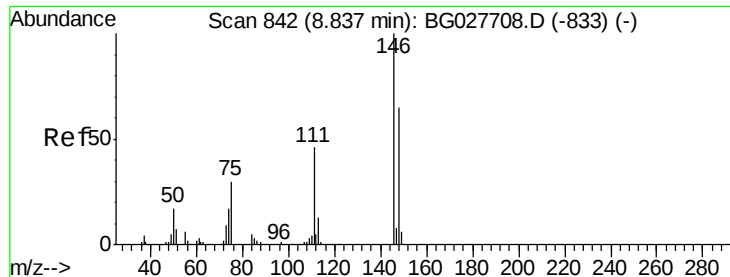
Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:	146	Resp:	89313
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	40.4	37.0	55.6





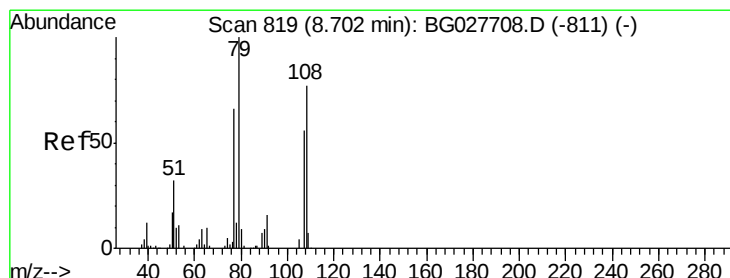
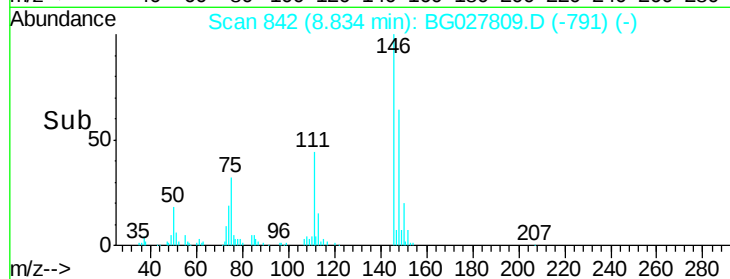
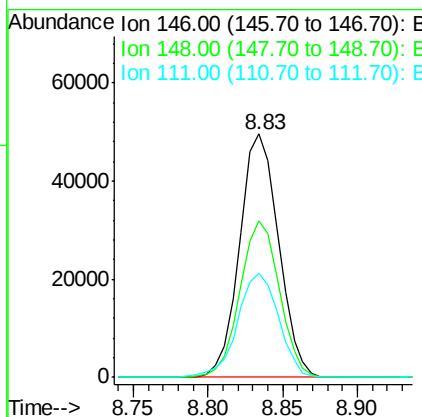
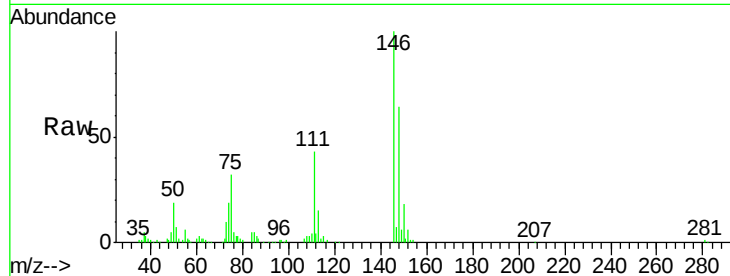
#14
1,2-Dichlorobenzene
Concen: 39.625 ng
RT: 8.83 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	54.6	81.8
111	42.8	39.7	59.5

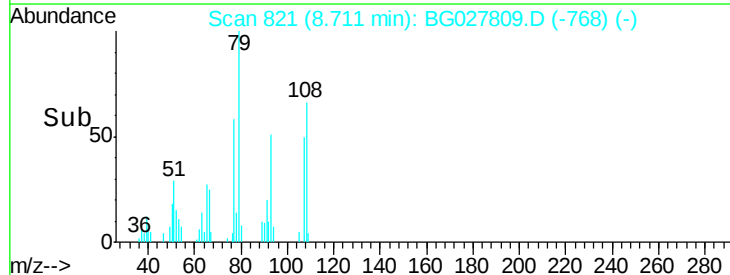
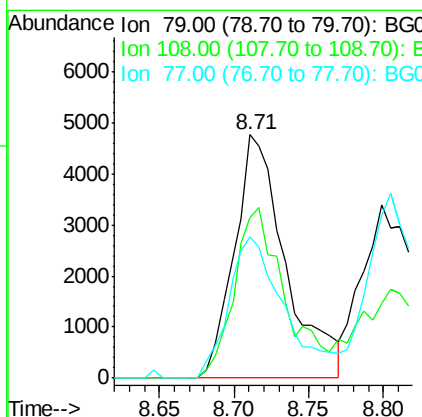
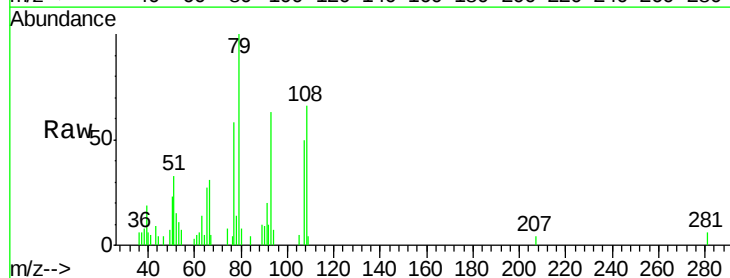
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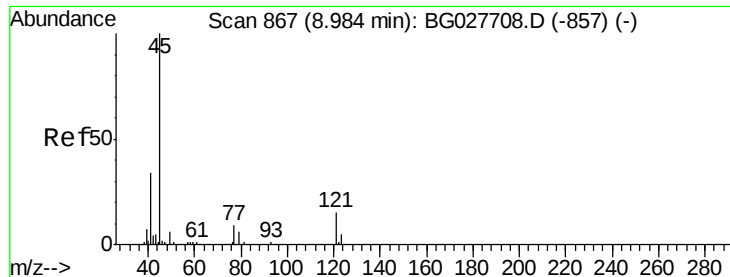
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#15
Benzyl Alcohol
Concen: 5.680 ng
RT: 8.71 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
79	100		
108	65.7	45.5	68.3
77	58.1	54.3	81.5





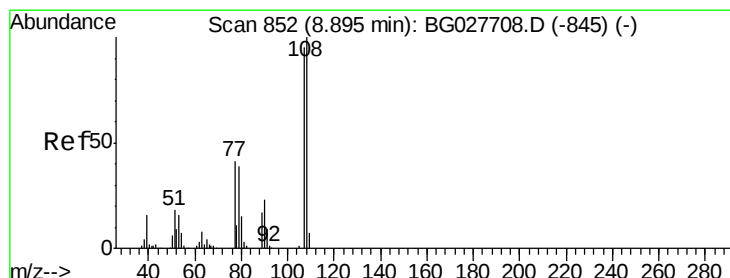
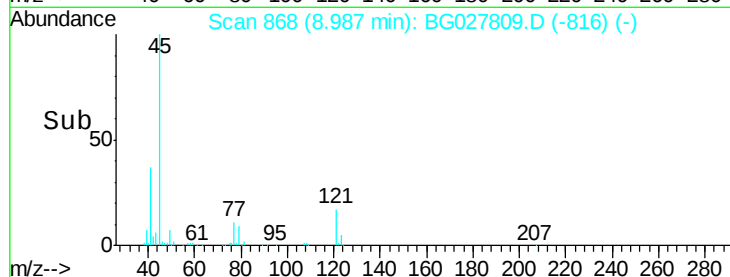
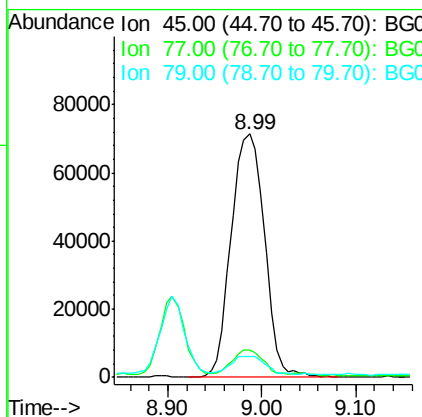
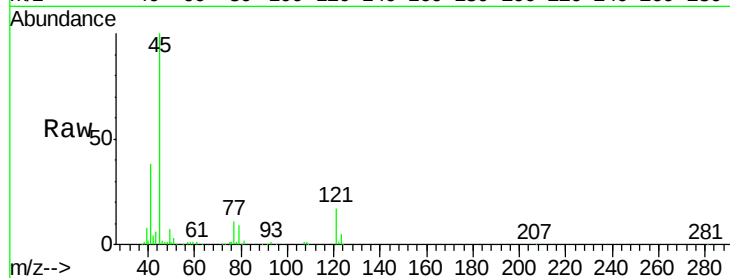
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.024 ng
RT: 8.99 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	11.4	0.0	30.6
79	8.8	0.0	28.5

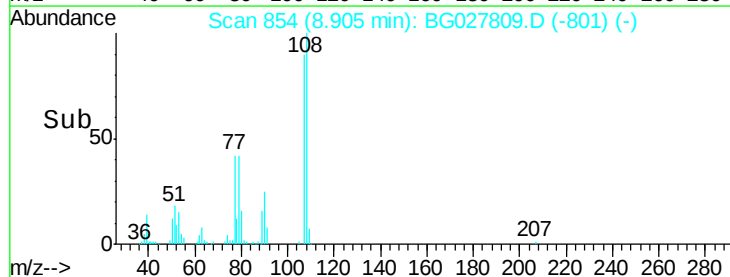
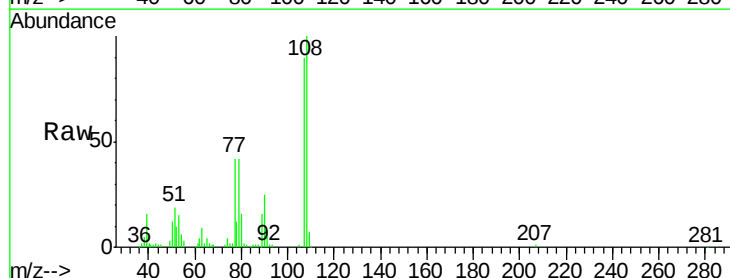
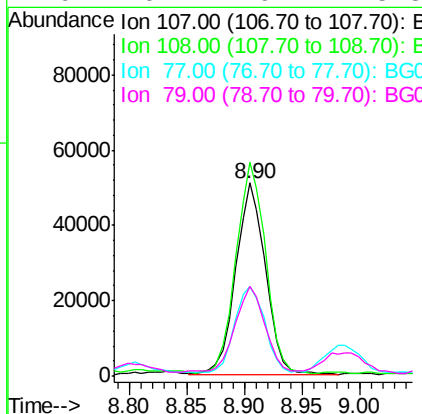
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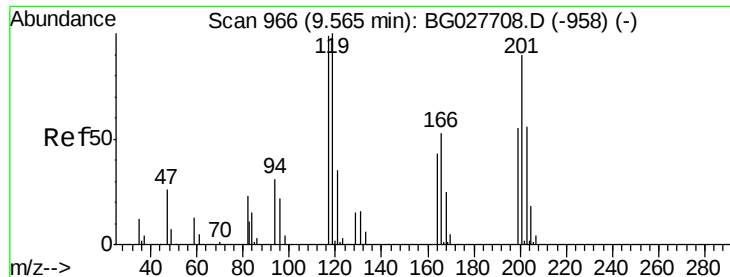
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#17
2-Methylphenol
Concen: 44.575 ng
RT: 8.90 min Scan# 854
Delta R.T. 0.01 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.8	85.6	128.4
77	46.5	51.4	77.2#
79	46.7	49.2	73.8#





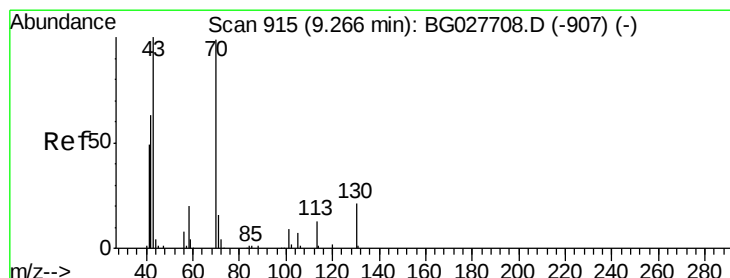
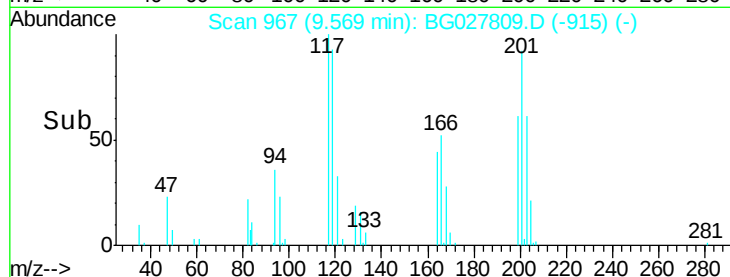
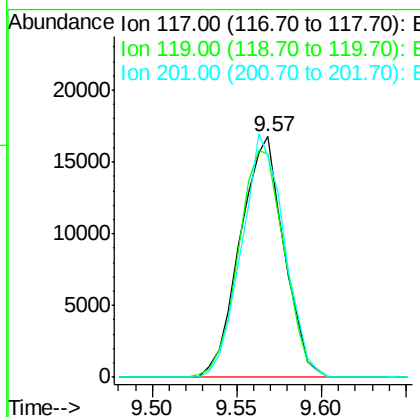
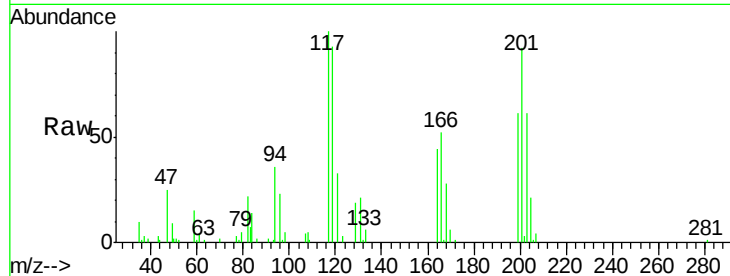
#18
Hexachloroethane
Concen: 36.842 ng
RT: 9.57 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion: 117 Resp: 30254
Ion Ratio Lower Upper
117 100
119 92.7 69.8 104.6
201 92.0 95.4 143.0#

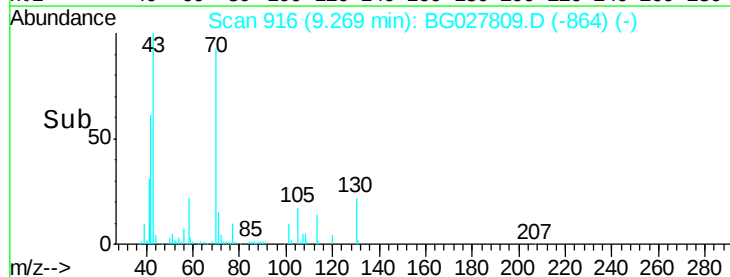
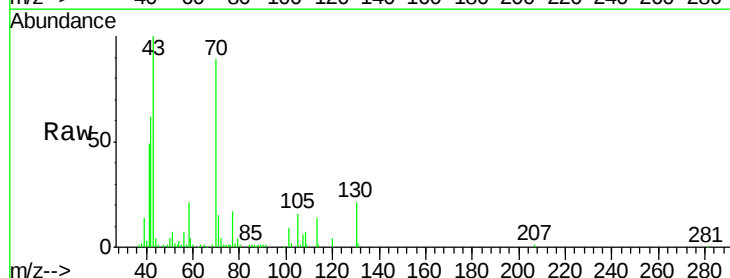
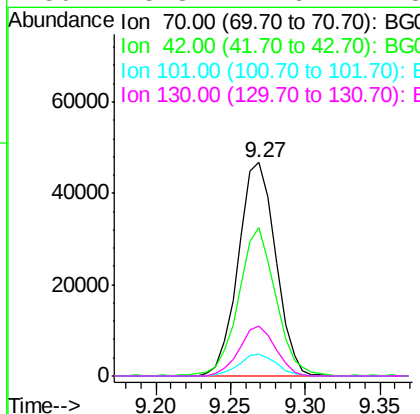
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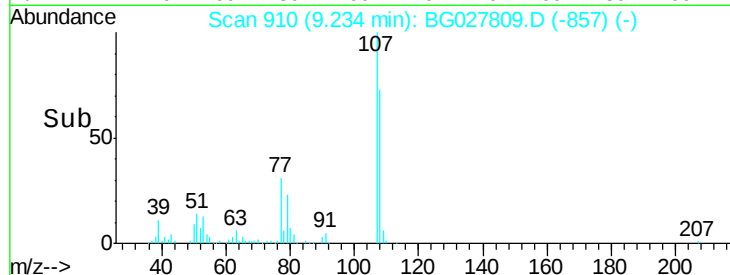
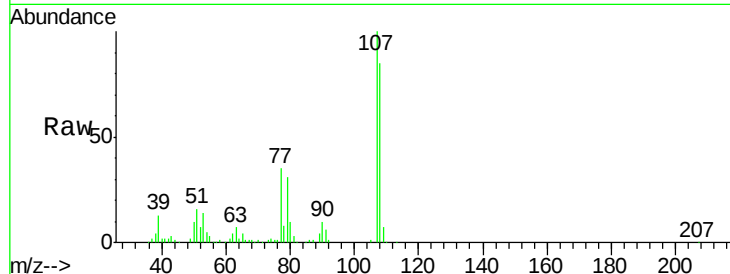
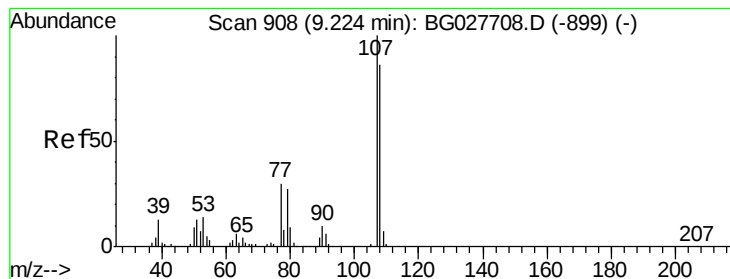
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#19
n-Nitroso-di-n-propylamine
Concen: 38.553 ng
RT: 9.27 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion: 70 Resp: 81221
Ion Ratio Lower Upper
70 100
42 69.3 56.1 84.1
101 10.4 7.5 11.3
130 23.3 14.6 21.8#





#20

3+4-Methylphenols

Concen: 42.153 ng

RT: 9.23 min Scan# 910

Delta R.T. 0.01 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	123211		
108	84.6	70.8	110.8	
77	34.7	25.8	65.8	
79	30.8	20.1	60.1	

Instrument :

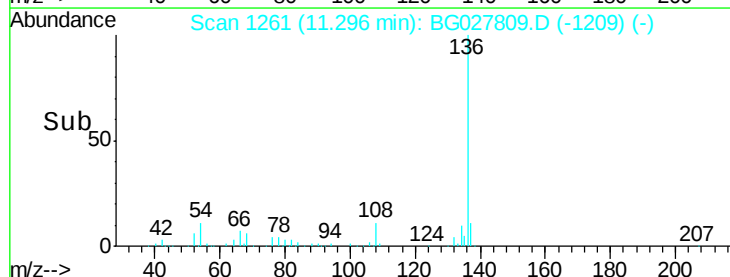
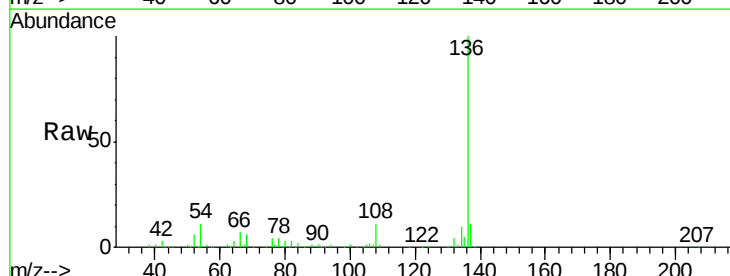
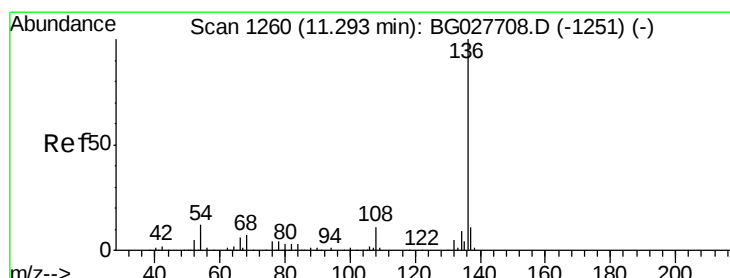
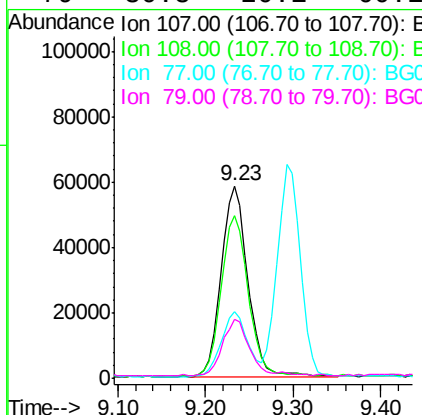
BNA_G

ClientSampleId :

TP3-MH2095-COMPMSD

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#21

Naphthalene-d8

Concen: 20.000 ng

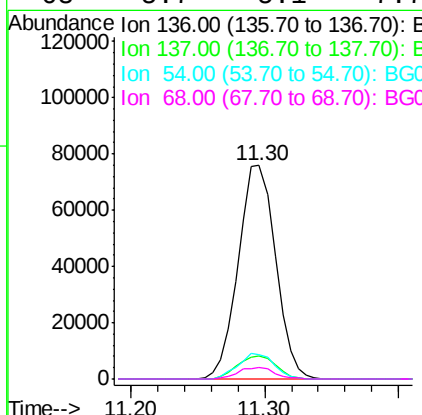
RT: 11.30 min Scan# 1261

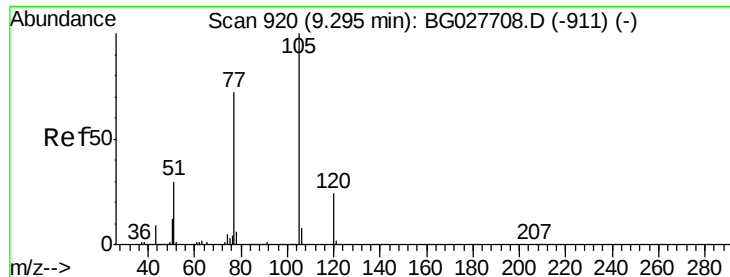
Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	147327		
137	11.1	8.9	13.3	
54	11.3	9.3	13.9	
68	5.7	5.1	7.7	





#22

Acetophenone

Concen: 42.267 ng

RT: 9.29 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG027809.D

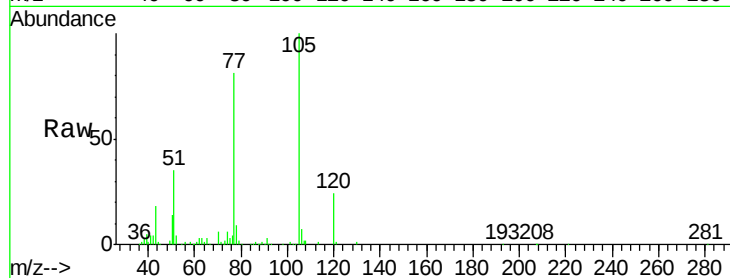
Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

ClientSampleId :

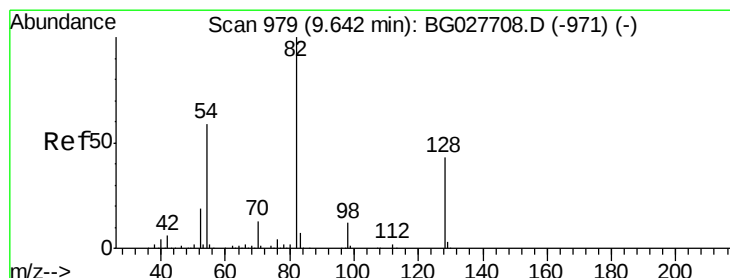
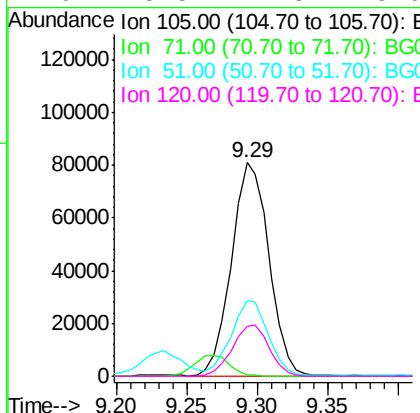
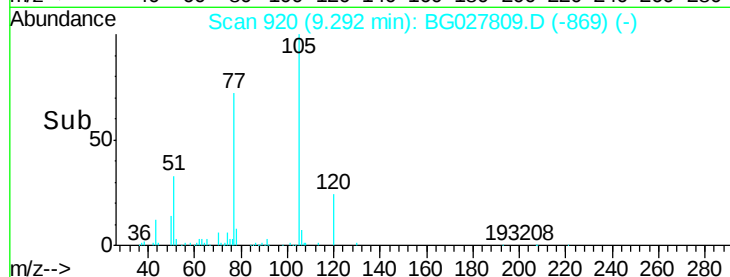
TP3-MH2095-COMPMSD



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	150264		
71	71	0.7	0.9	1.3	#
51	51	35.1	34.0	51.0	
120	120	23.5	17.3	25.9	

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#23

Nitrobenzene-d5

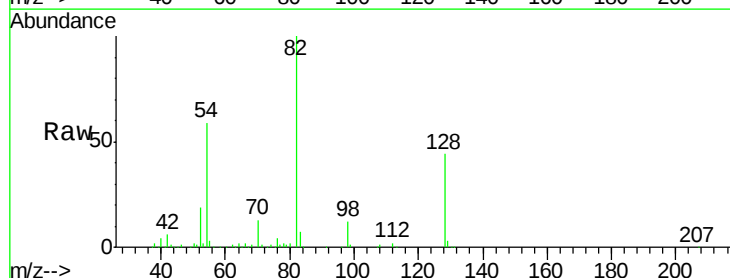
Concen: 92.005 ng

RT: 9.64 min Scan# 980

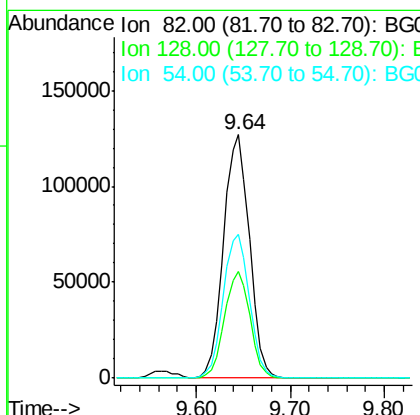
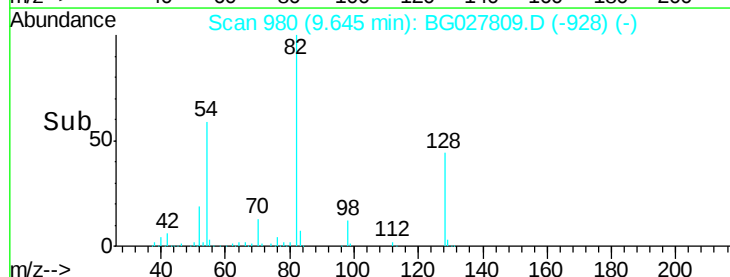
Delta R.T. 0.00 min

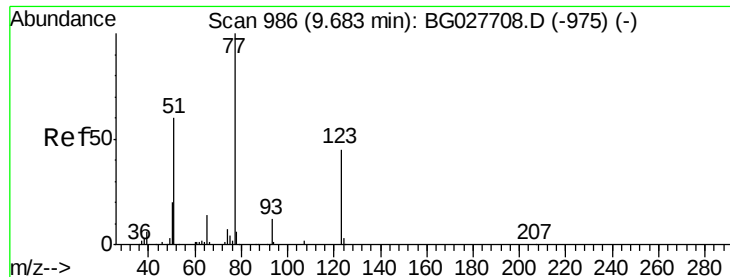
Lab File: BG027809.D

Acq: 2 Jul 2017 7:58



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	243175		
128	128	43.6	26.4	39.6	#
54	54	58.9	49.4	74.2	





#24

Nitrobenzene

Concen: 40.619 ng

RT: 9.69 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

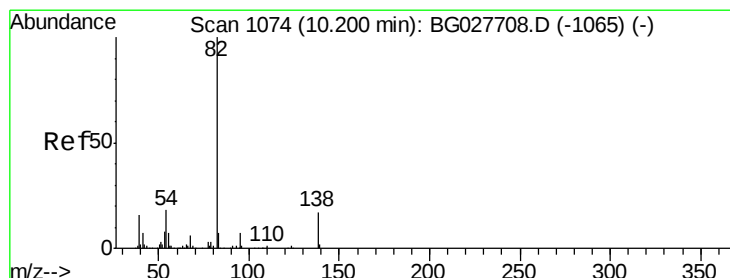
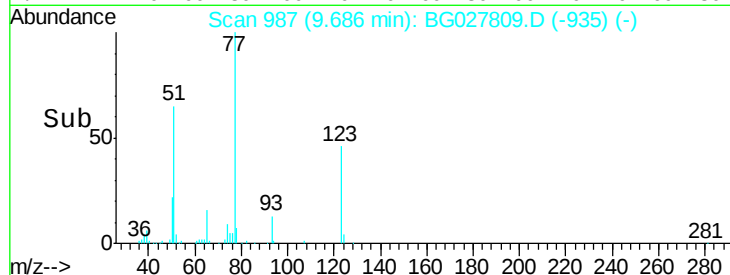
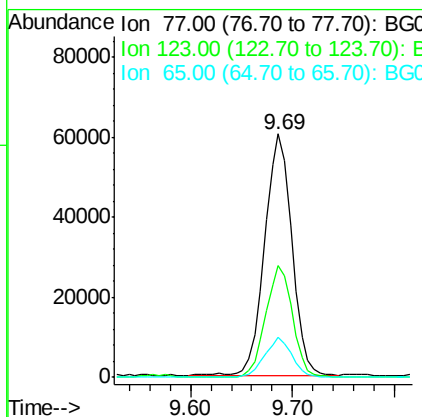
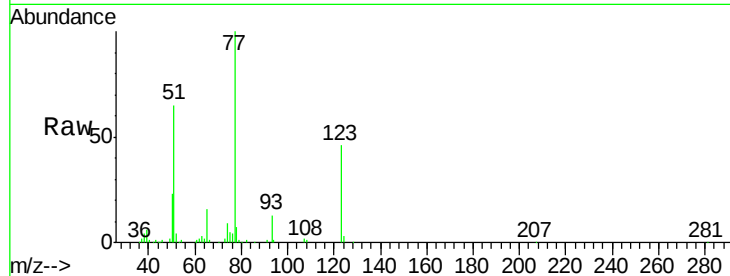
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:	77	Resp:	112241
Ion Ratio	Lower	Upper	
77	100		
123	45.9	26.1	39.1#
65	16.4	12.4	18.6

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#25

Isophorone

Concen: 40.828 ng

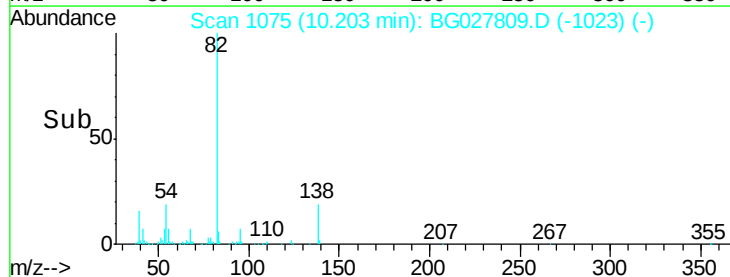
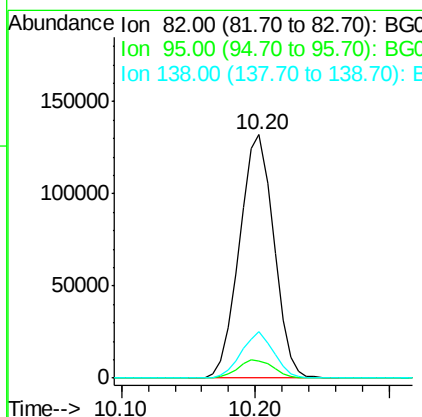
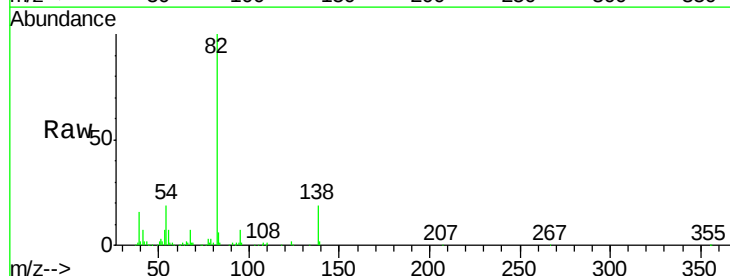
RT: 10.20 min Scan# 1075

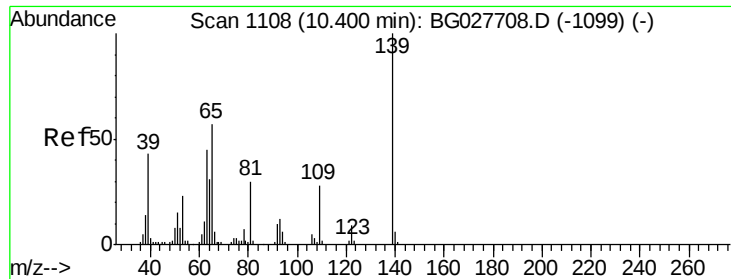
Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:	82	Resp:	235216
Ion Ratio	Lower	Upper	
82	100		
95	7.1	7.5	11.3#
138	19.0	12.3	18.5#





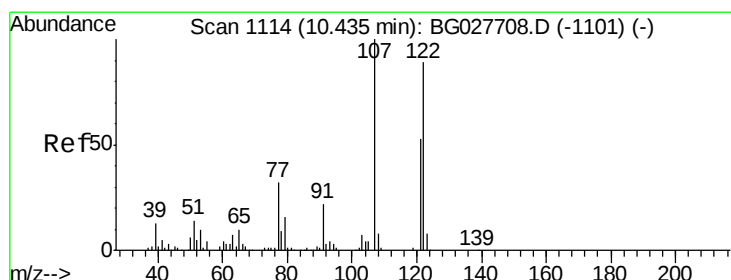
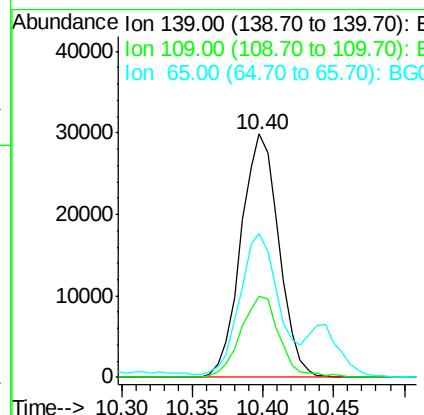
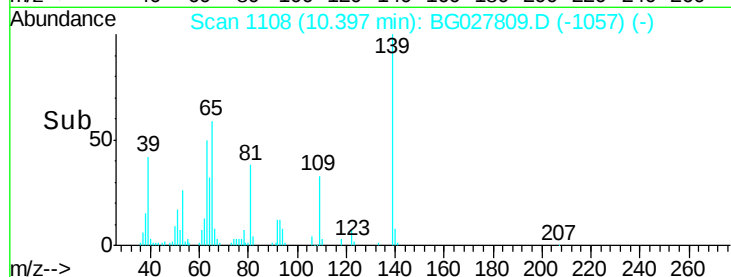
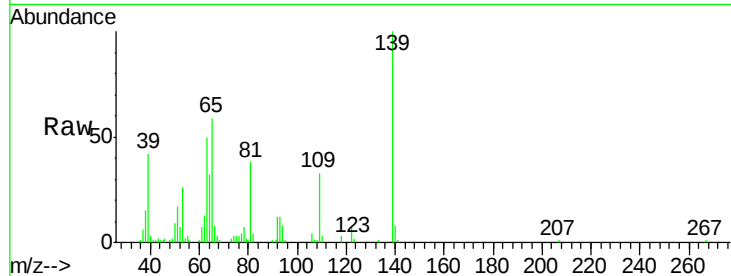
#26
2-Nitrophenol
Concen: 44.999 ng
RT: 10.40 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	56165		
109	33.1	38.6	58.0#	
65	59.2	57.1	85.7	

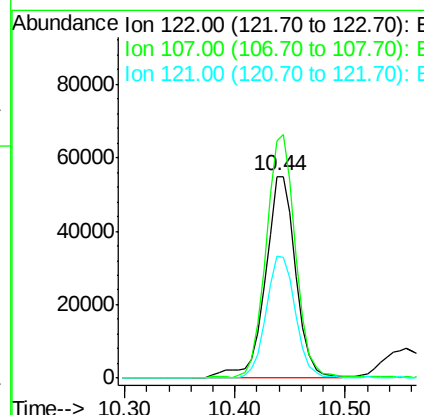
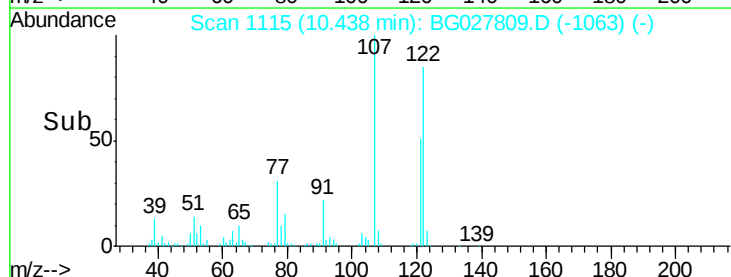
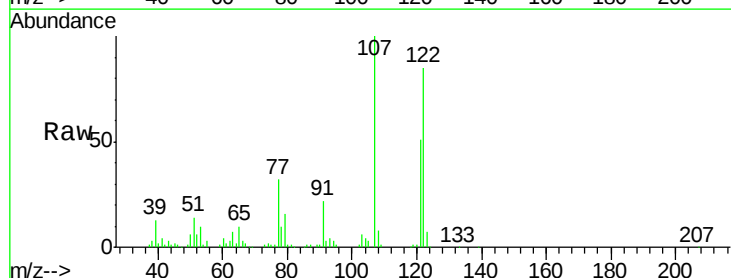
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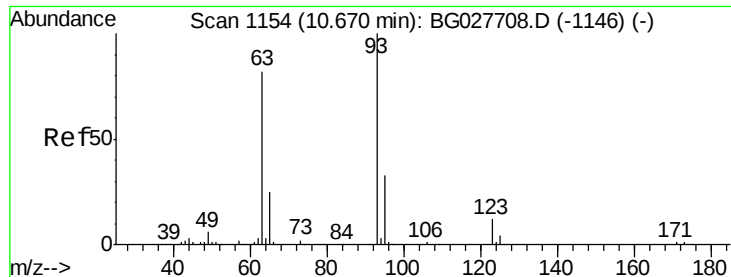
mohammad
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#27
2,4-Dimethylphenol
Concen: 45.226 ng
RT: 10.44 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105728		
107	117.7	104.2	156.4	
121	60.3	46.0	69.0	





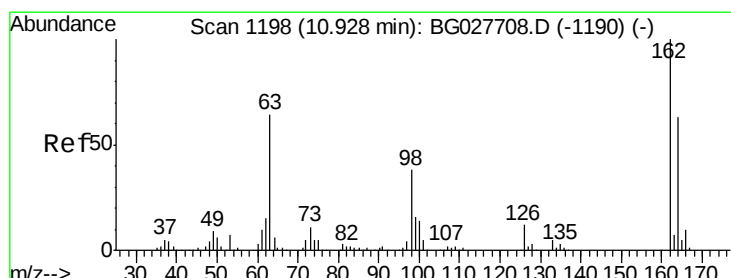
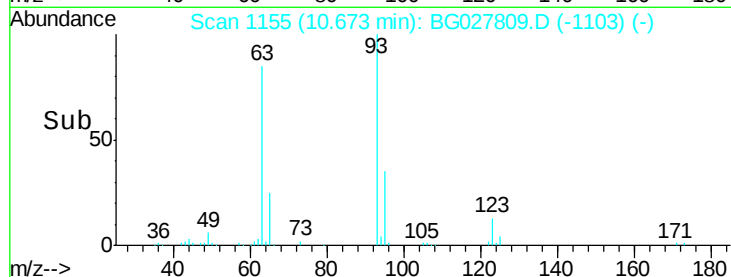
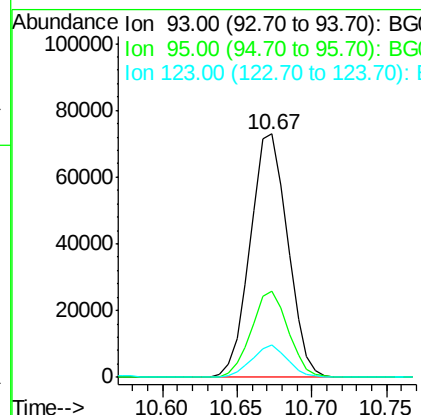
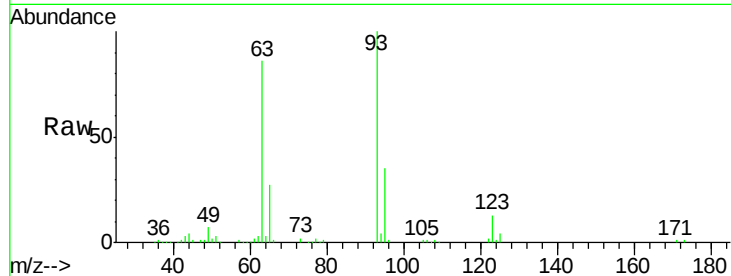
#28
bis(2-Chloroethoxy)methane
Concen: 38.797 ng
RT: 10.67 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.7	38.5
123	13.3	8.3	12.5

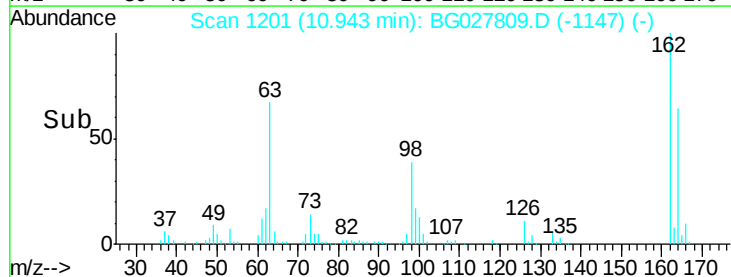
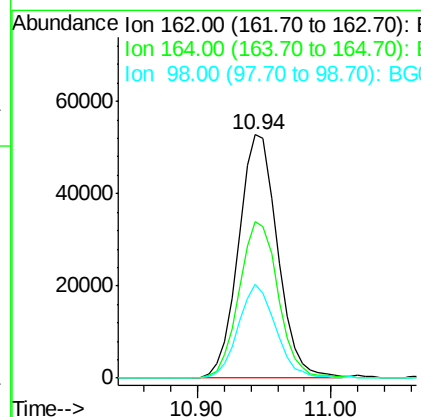
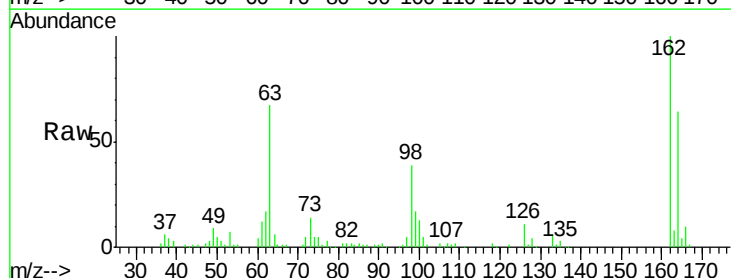
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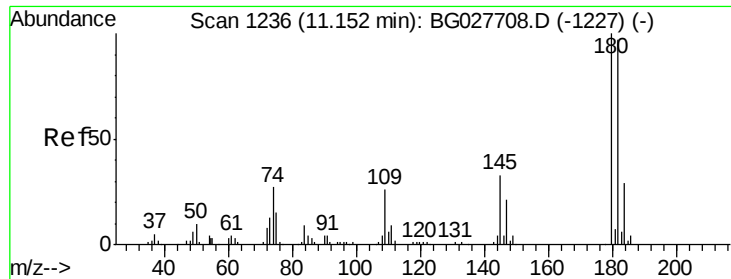
mohammad
7/5/2017 11:32:00 AM



#29
2,4-Dichlorophenol
Concen: 52.244 ng
RT: 10.94 min Scan# 1201
Delta R.T. 0.02 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.4	82.4
98	38.5	20.3	60.3





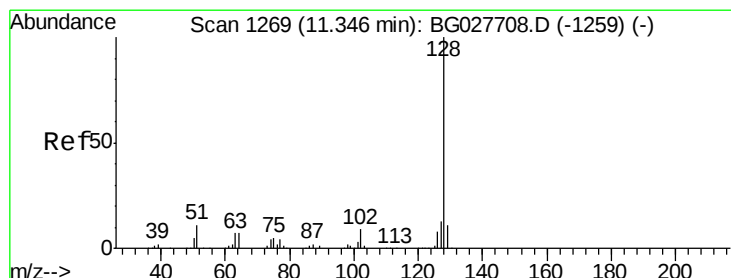
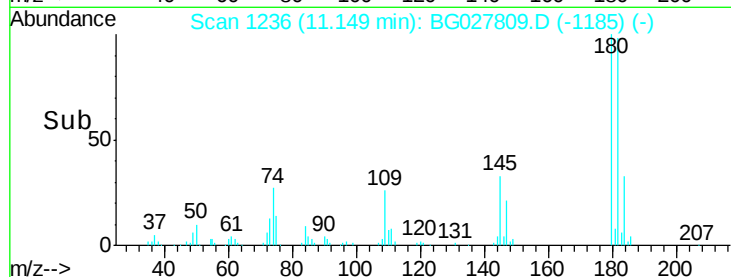
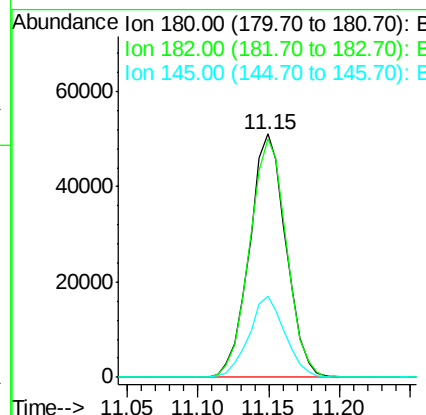
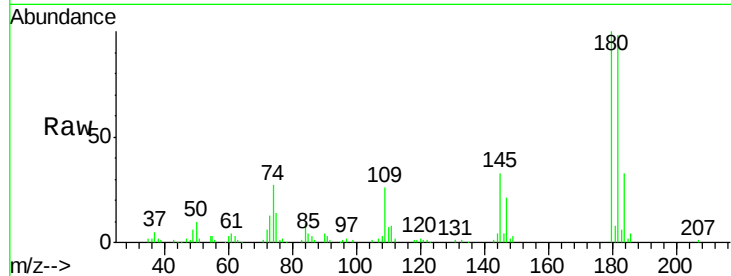
#30
1,2,4-Trichlorobenzene
Concen: 44.233 ng
RT: 11.15 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.0	115.4
145	33.5	23.4	35.0

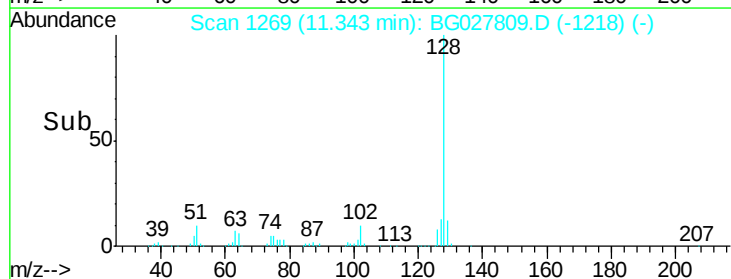
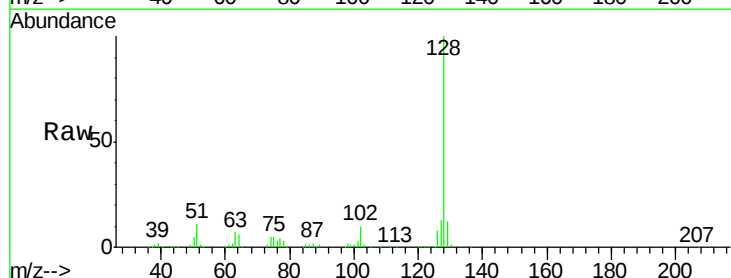
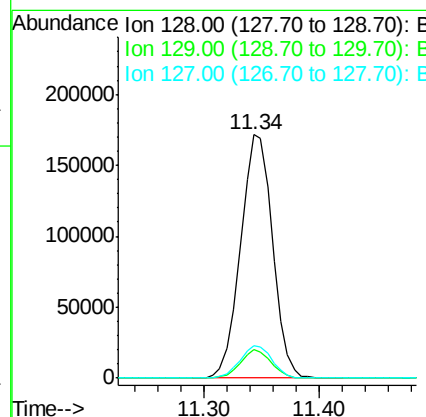
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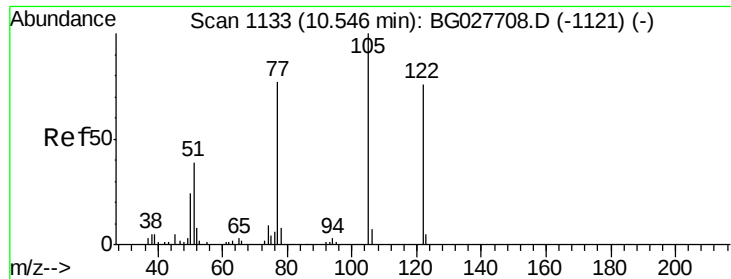
mohammad
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#31
Naphthalene
Concen: 41.848 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.2	11.4	17.0





#32

Benzoic acid

Concen: 22.155 ng

RT: 10.56 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:122 Resp: 23295

Ion Ratio Lower Upper

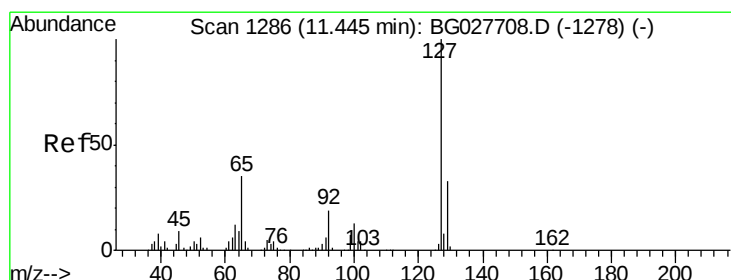
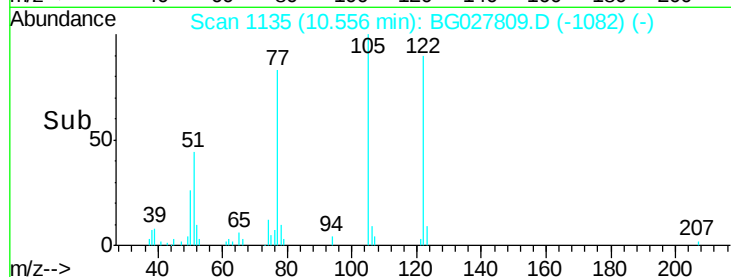
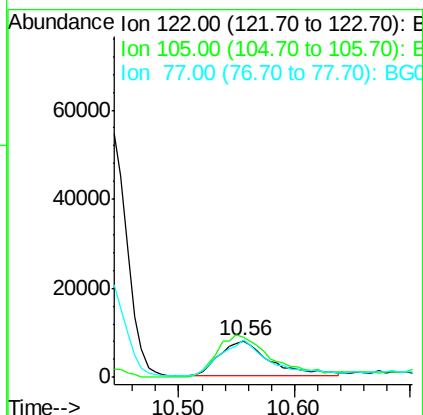
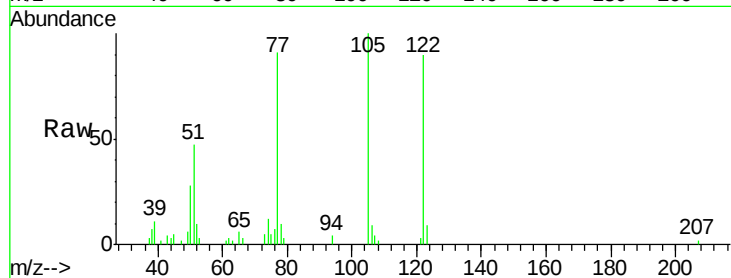
122 100

105 110.6 120.1 160.1#

77 100.7 104.6 144.6#

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#33

4-Chloroaniline

Concen: 4.927 ng m

RT: 11.73 min Scan# 1335

Delta R.T. 0.29 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:127 Resp: 16676

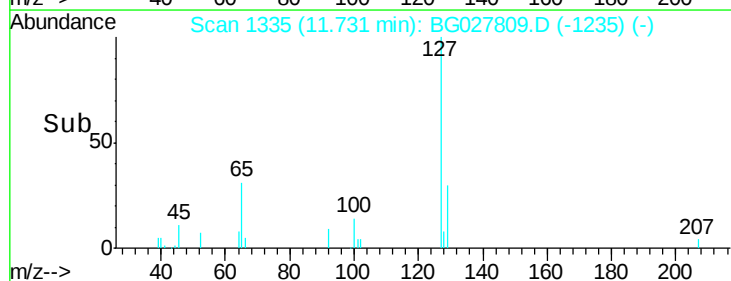
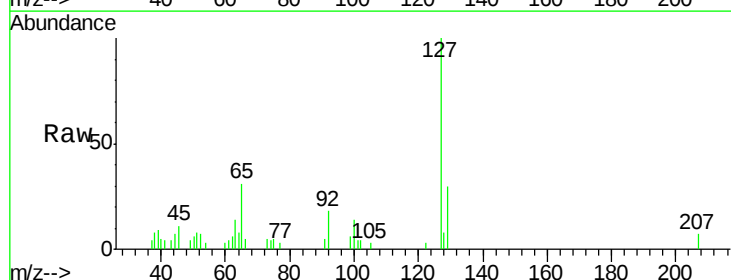
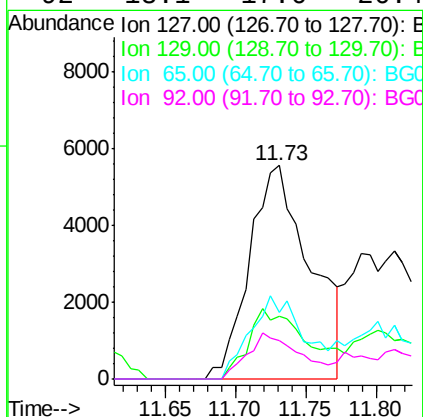
Ion Ratio Lower Upper

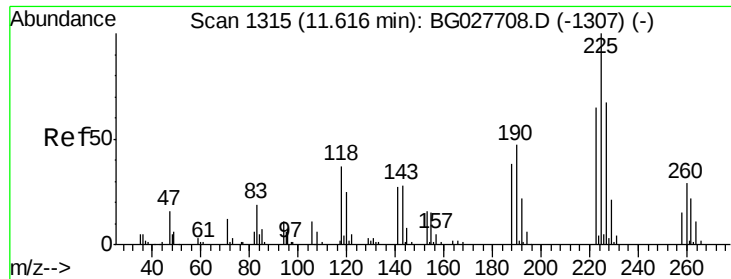
127 100

129 29.5 23.6 35.4

65 30.9 37.7 56.5#

92 18.1 17.6 26.4





#34

Hexachlorobutadiene

Concen: 46.930 ng

RT: 11.61 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

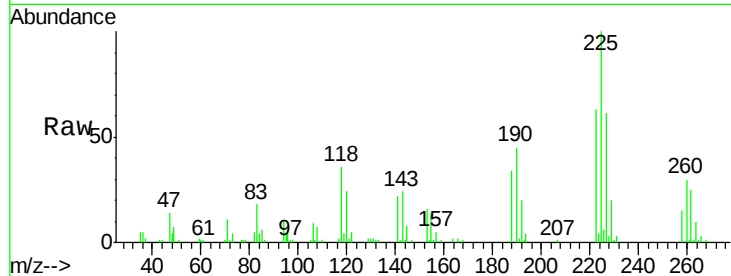
ClientSampleId :

TP3-MH2095-COMPMSD

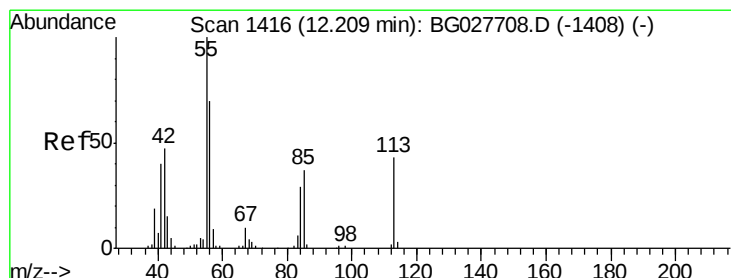
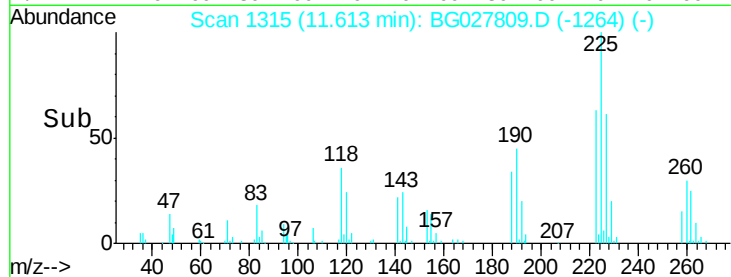
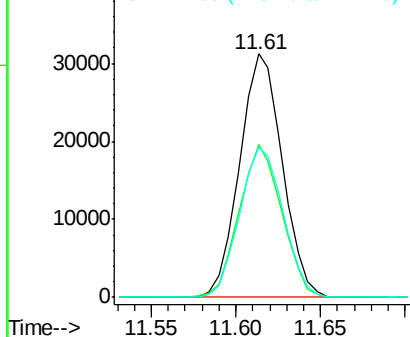
Tgt Ion:	225	Resp:	54638
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.7	76.1
227	61.4	49.0	73.6

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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: 36.195 ng m

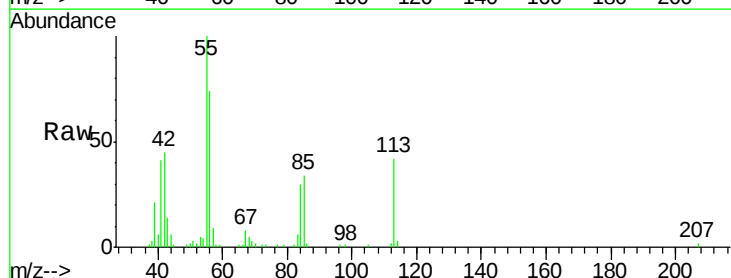
RT: 12.25 min Scan# 1423

Delta R.T. 0.04 min

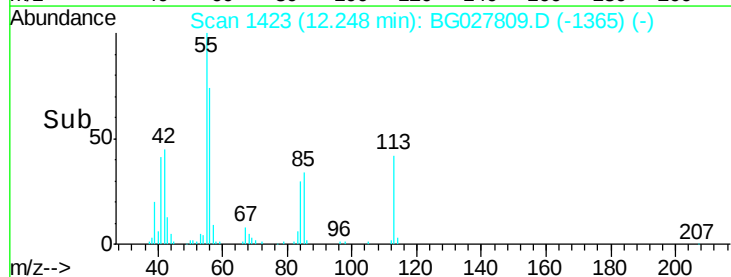
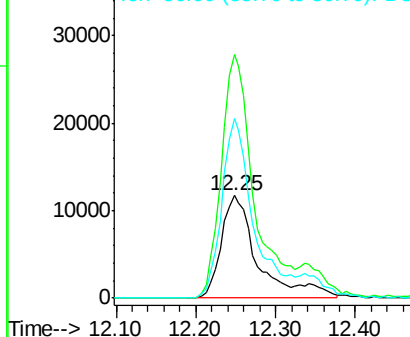
Lab File: BG027809.D

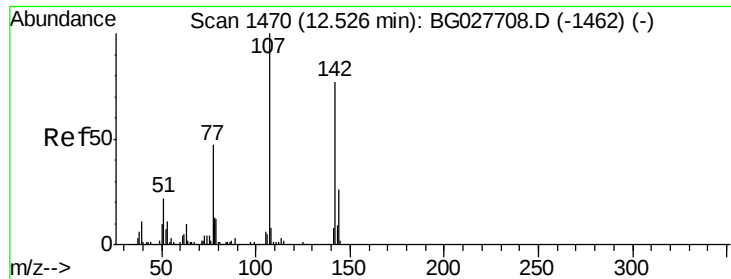
Acq: 2 Jul 2017 7:58

Tgt Ion:	113	Resp:	37297
Ion Ratio	Lower	Upper	
113	100		
55	238.2	198.6	238.6
56	175.3	140.4	180.4



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





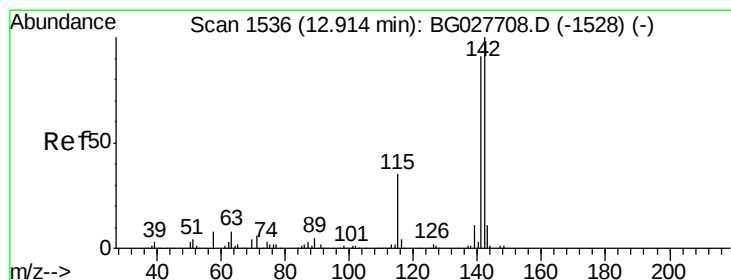
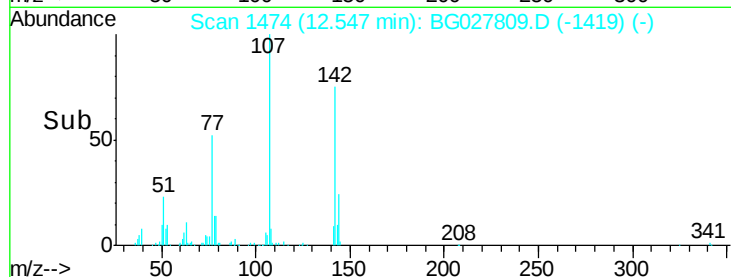
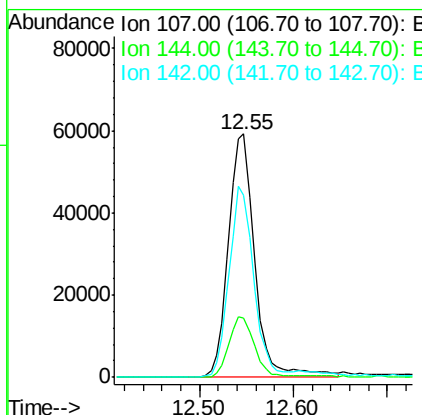
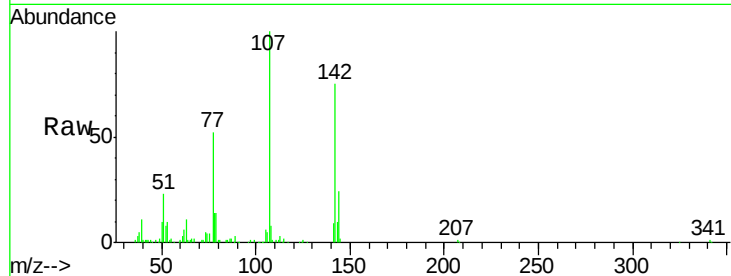
#36
 4-Chloro-3-methylphenol
 Concen: 40.228 ng
 RT: 12.55 min Scan# 1474
 Delta R.T. 0.02 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	115973		
144	24.4	17.4	26.0	
142	74.9	54.1	81.1	

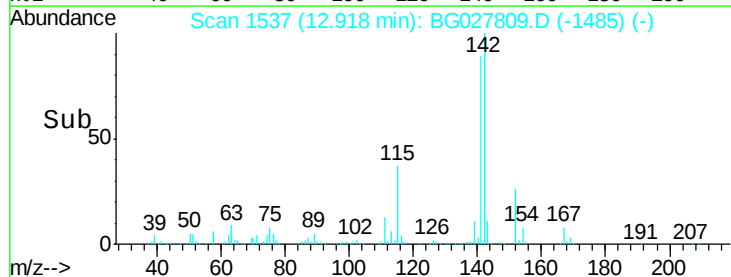
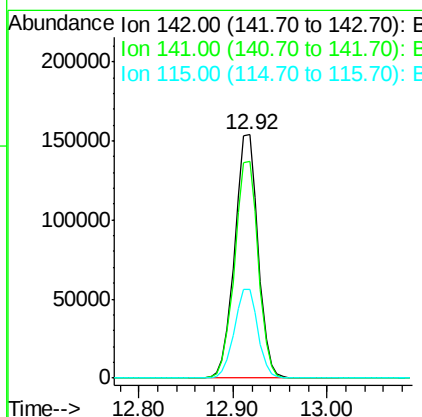
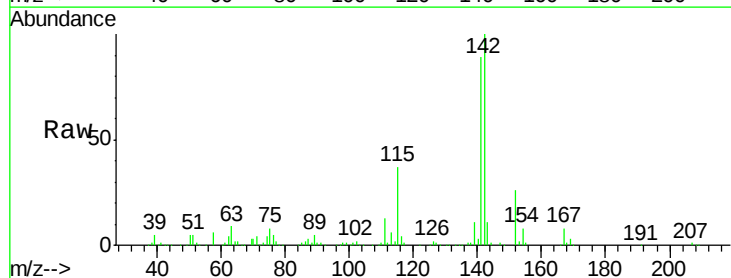
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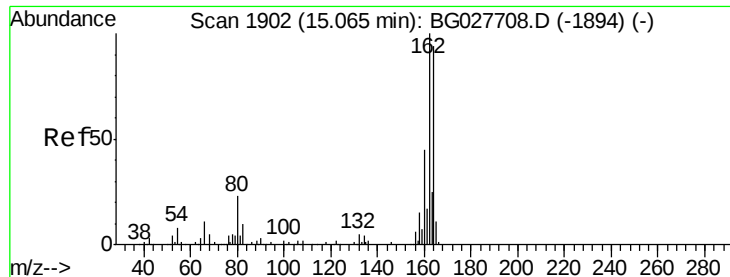
mohammad
 7/5/2017 11:32:00 AM



#37
 2-Methylnaphthalene
 Concen: 45.535 ng
 RT: 12.92 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	265723		
141	88.8	70.4	105.6	
115	36.6	35.5	53.3	





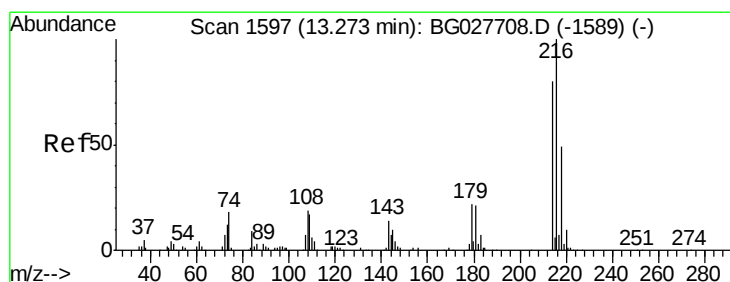
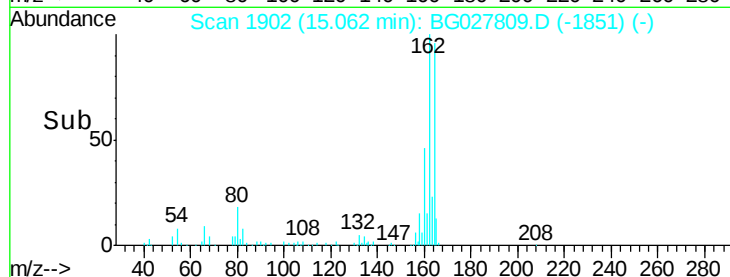
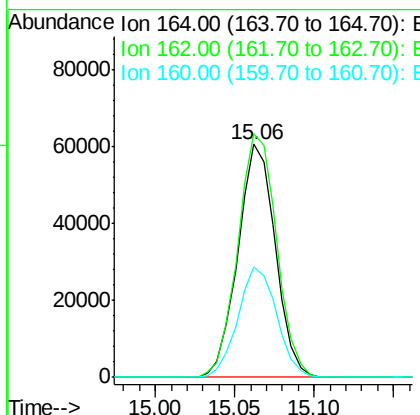
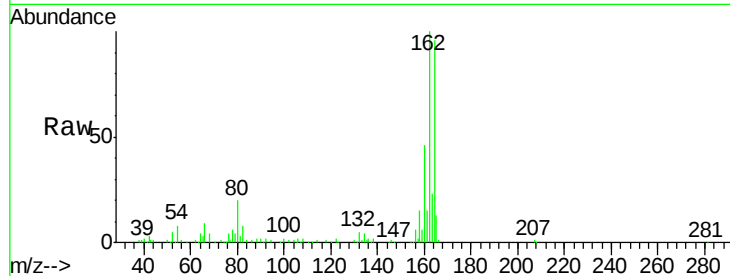
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	85.1	127.7	
160	47.6	34.7	52.1	

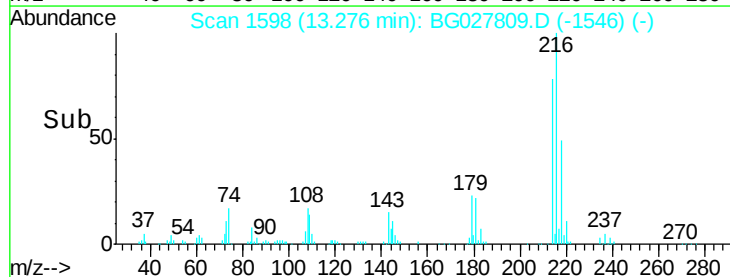
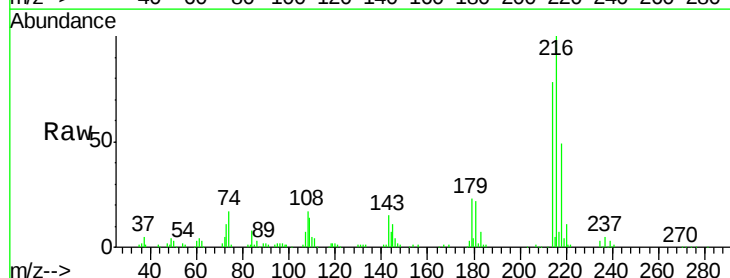
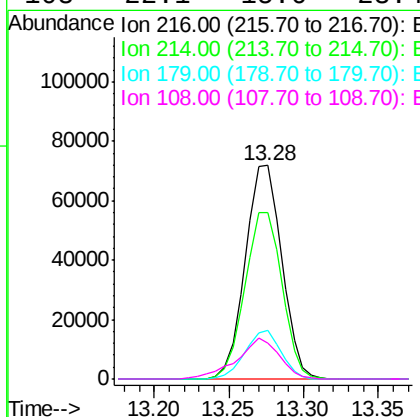
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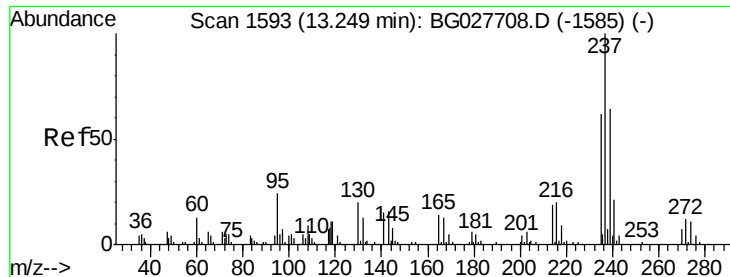
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.721 ng
RT: 13.28 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	64.4	96.6	
179	22.5	17.4	26.0	
108	22.1	15.6	23.4	





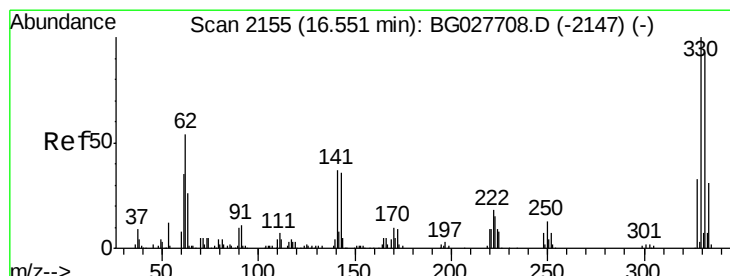
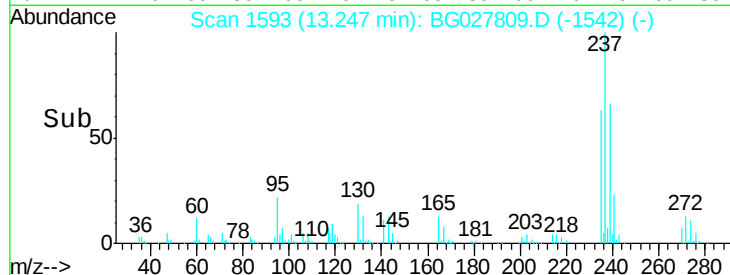
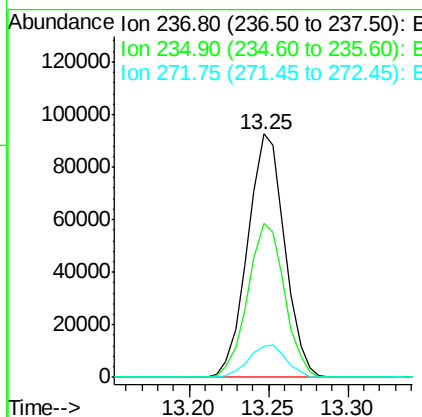
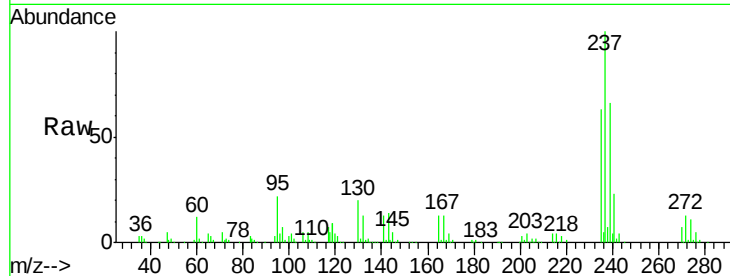
#40
Hexachlorocyclopentadiene
Concen: 122.732 ng
RT: 13.25 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	39.4	79.4
272	12.7	0.0	32.0

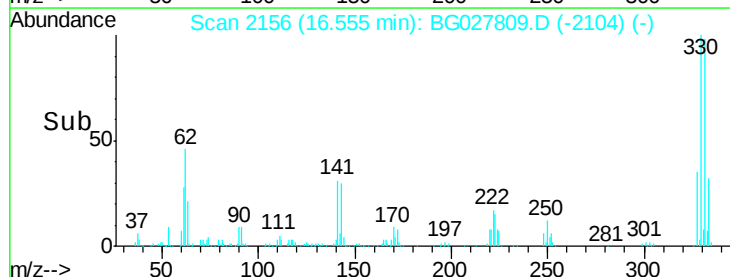
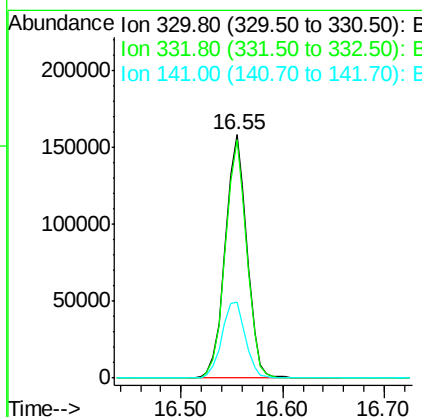
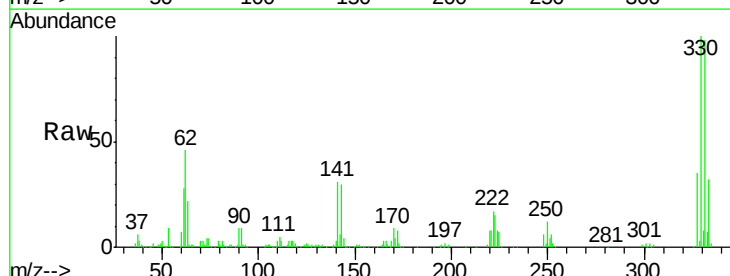
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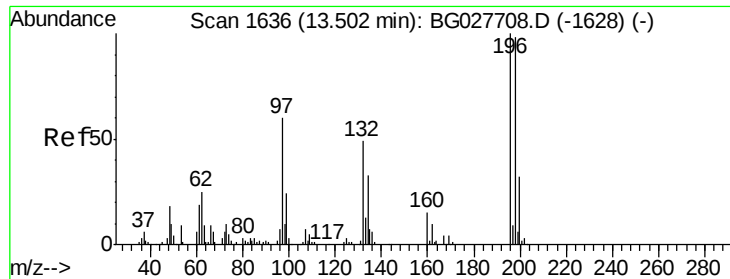
mohammad
7/5/2017 11:32:00 AM



#41
2,4,6-Tribromophenol
Concen: 174.019 ng
RT: 16.55 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	77.3	115.9
141	33.9	32.1	48.1





#42

2,4,6-Trichlorophenol

Concen: 50.417 ng

RT: 13.51 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

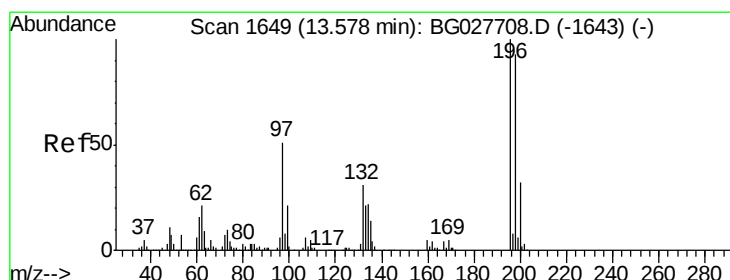
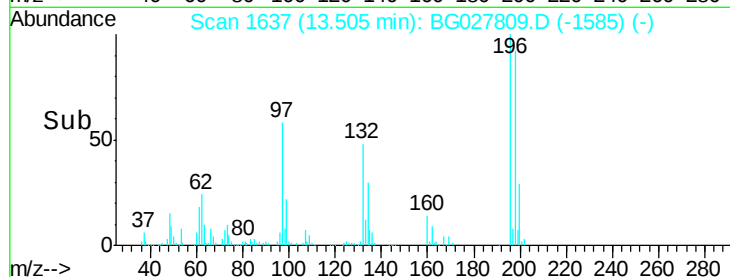
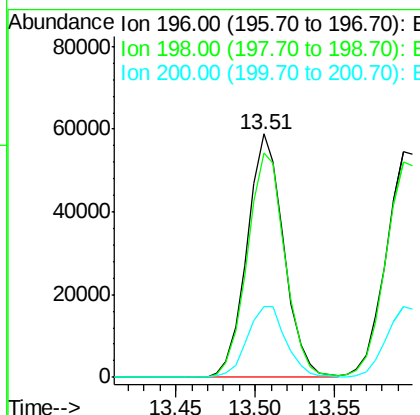
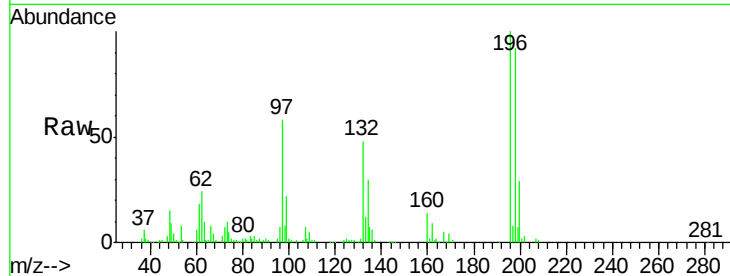
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:	196	Resp:	94635
Ion Ratio	Lower	Upper	
196	100		
198	92.4	81.4	122.2
200	29.3	27.0	40.6

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#43

2,4,5-Trichlorophenol

Concen: 47.764 ng

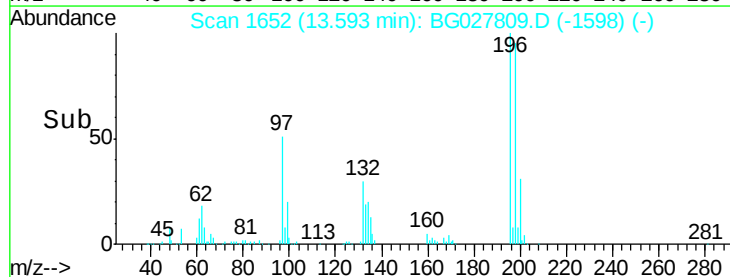
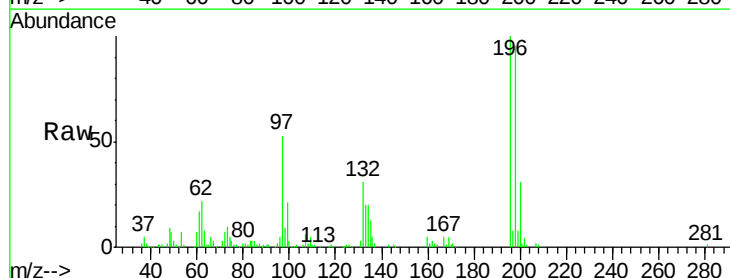
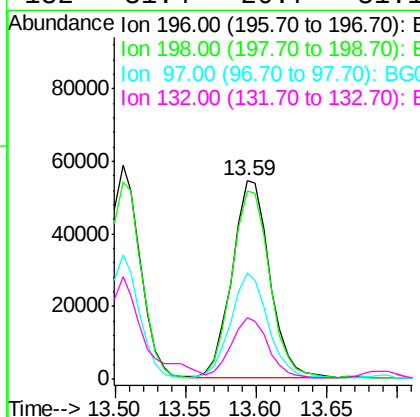
RT: 13.59 min Scan# 1652

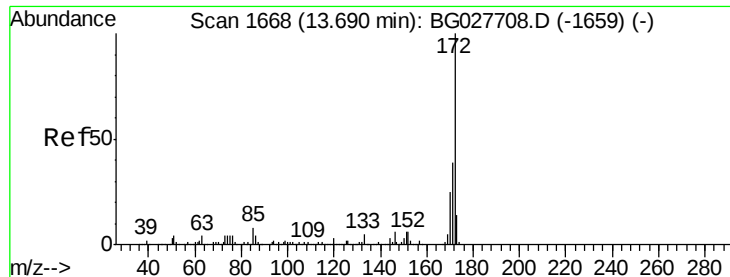
Delta R.T. 0.02 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:	196	Resp:	101587
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.9	119.9
97	53.4	45.4	68.0
132	31.4	20.7	31.1#





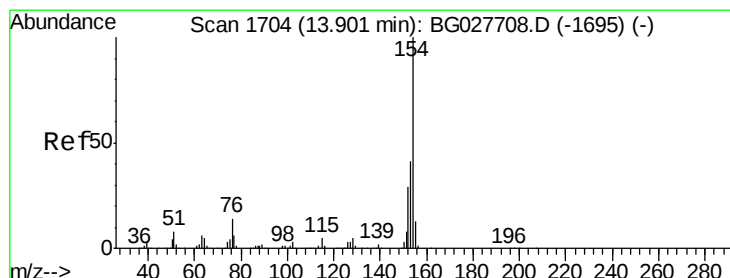
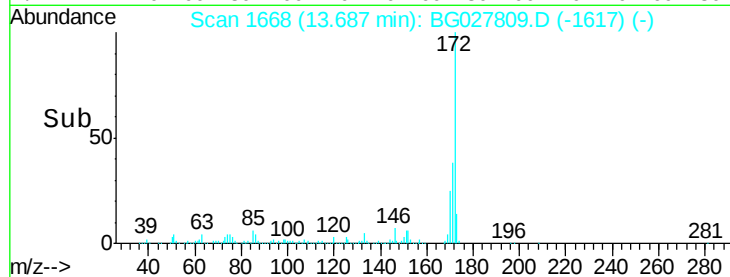
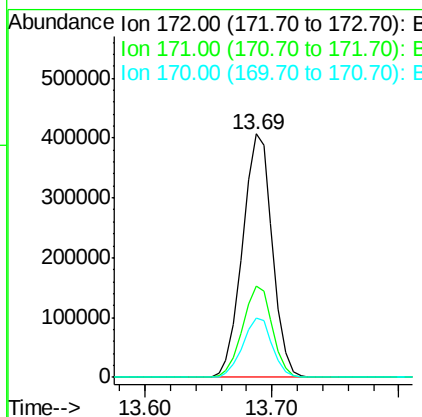
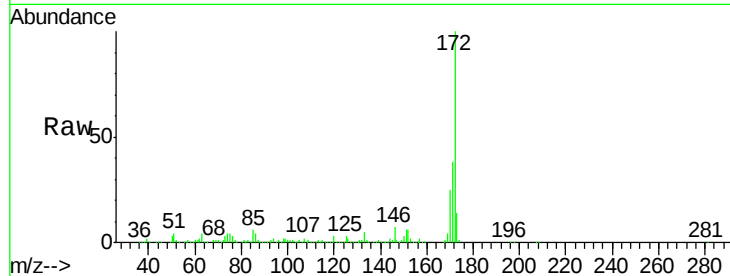
#44
 2-Fluorobiphenyl
 Concen: 95.310 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.5	21.8	32.6

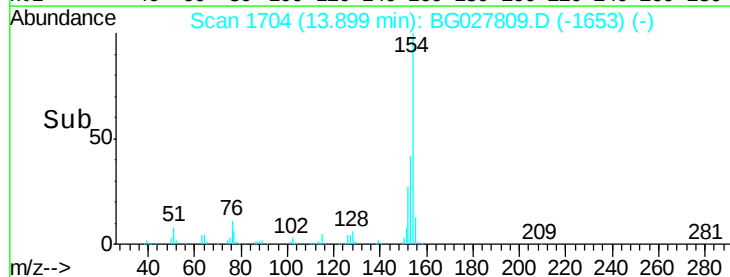
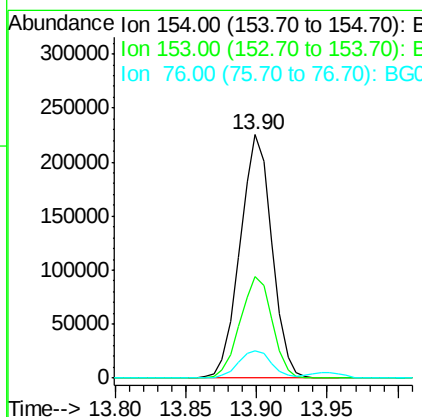
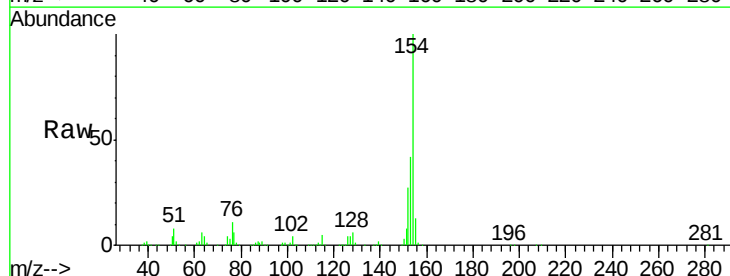
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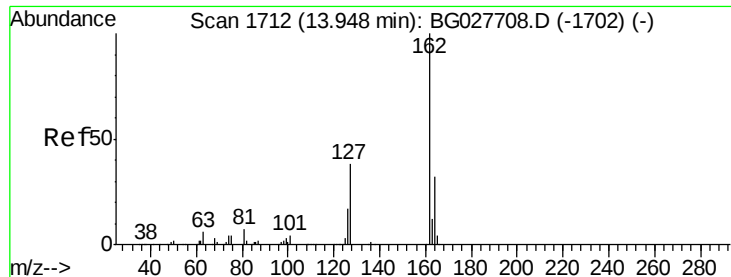
mohammad
 7/5/2017 11:32:00 AM



#45
 1,1'-Biphenyl
 Concen: 44.710 ng
 RT: 13.90 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	11.3	0.0	33.5





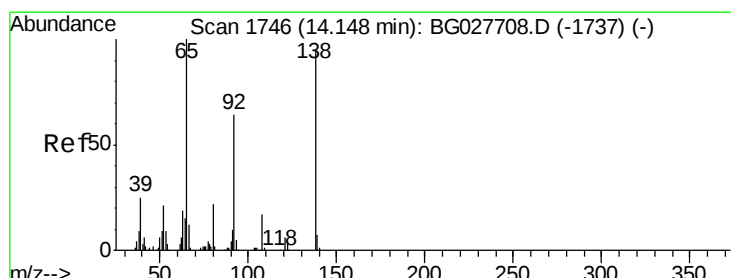
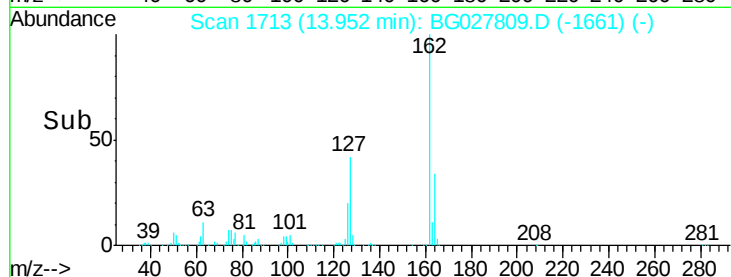
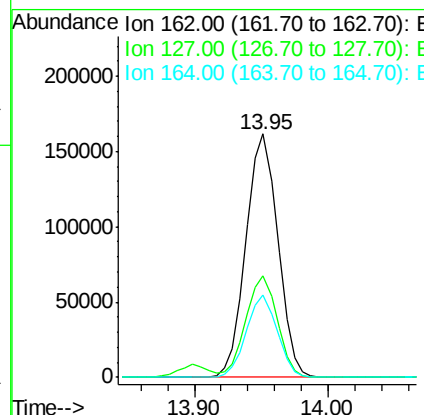
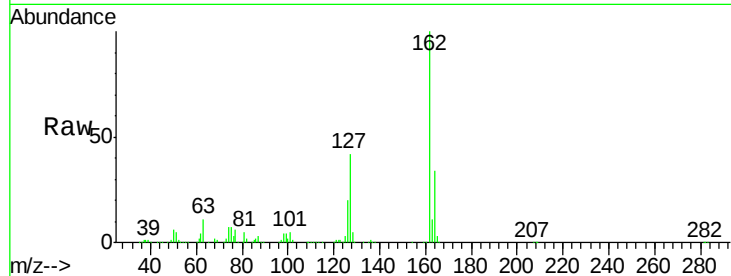
#46
2-Chloronaphthalene
Concen: 44.582 ng
RT: 13.95 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	266971		
127	41.8	32.2	48.4	
164	33.7	27.3	40.9	

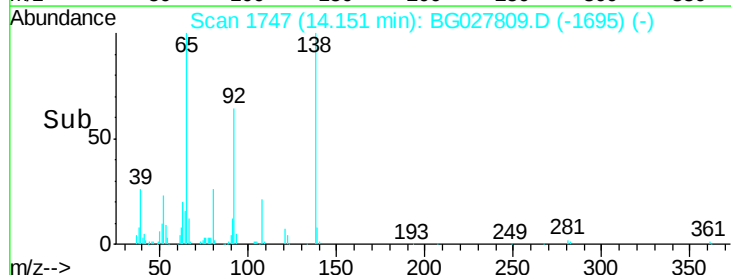
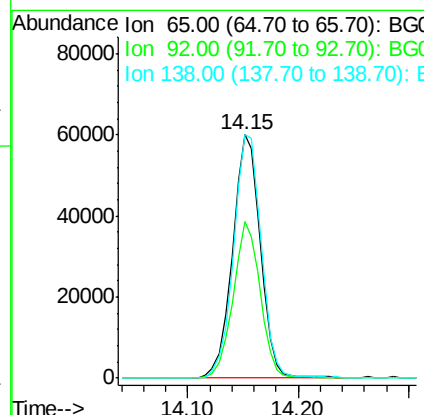
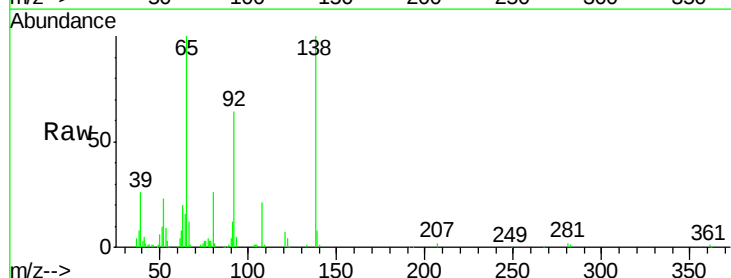
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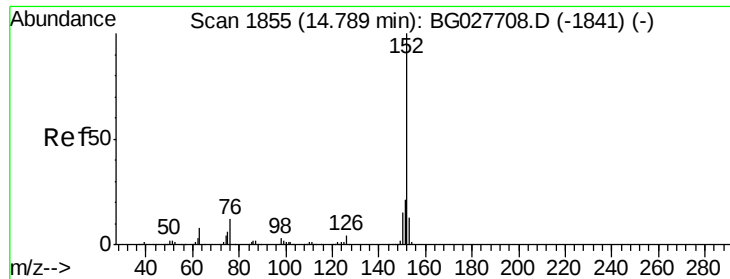
mohammad
7/5/2017 11:32:00 AM



#47
2-Nitroaniline
Concen: 44.111 ng
RT: 14.15 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	105734		
92	64.5	49.0	73.4	
138	99.9	58.6	87.8	





#48

Acenaphthylene

Concen: 42.177 ng

RT: 14.79 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG027809.D

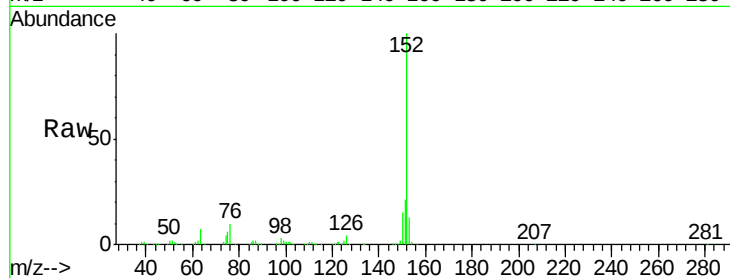
Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

ClientSampleId :

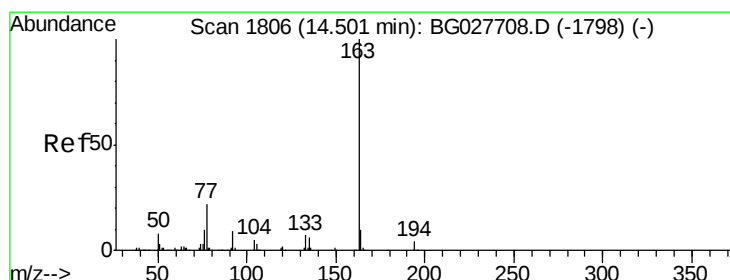
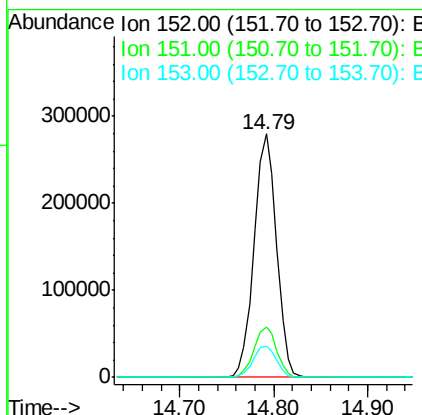
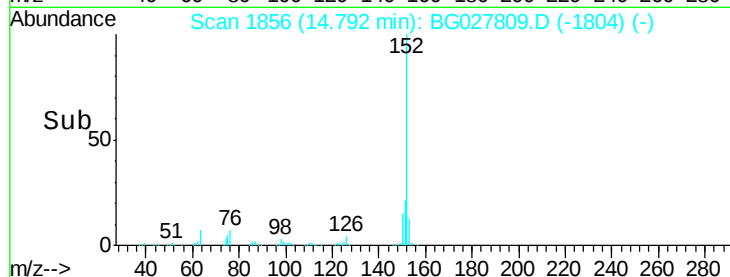
TP3-MH2095-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	461521		
151	20.7	18.2	27.2	
153	12.9	11.3	16.9	

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7/5/2017 11:32:00 AM



#49

Dimethylphthalate

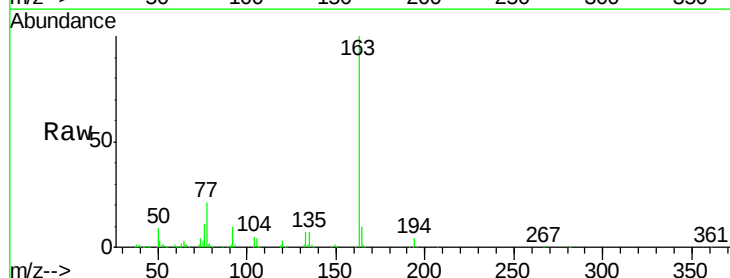
Concen: 45.948 ng

RT: 14.50 min Scan# 1807

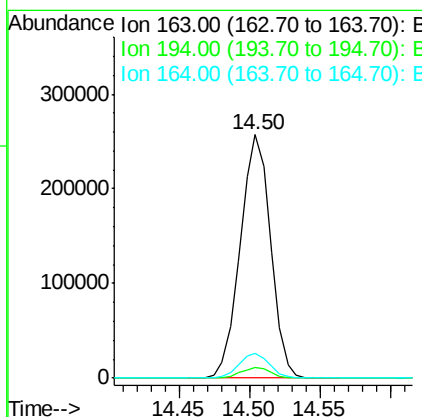
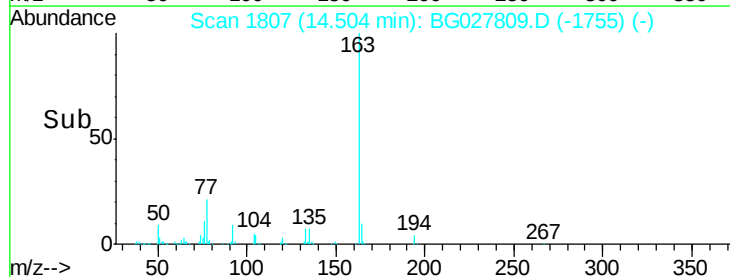
Delta R.T. 0.00 min

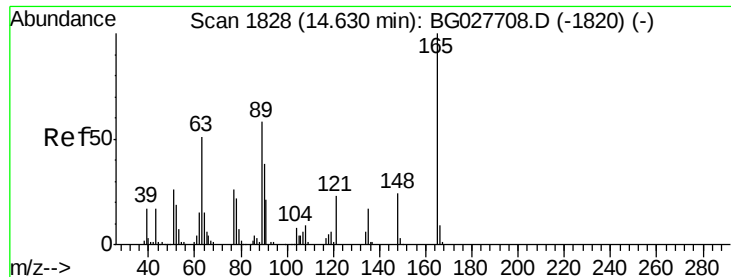
Lab File: BG027809.D

Acq: 2 Jul 2017 7:58



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	387656		
194	4.3	3.8	5.6	
164	10.2	9.3	13.9	





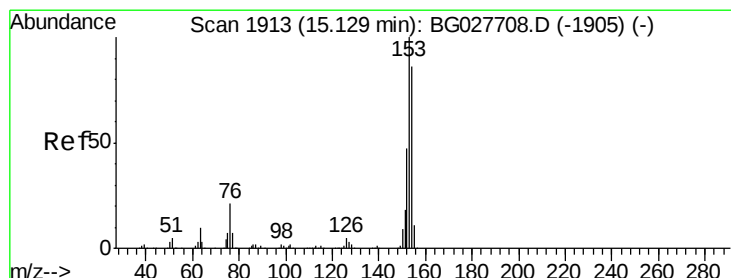
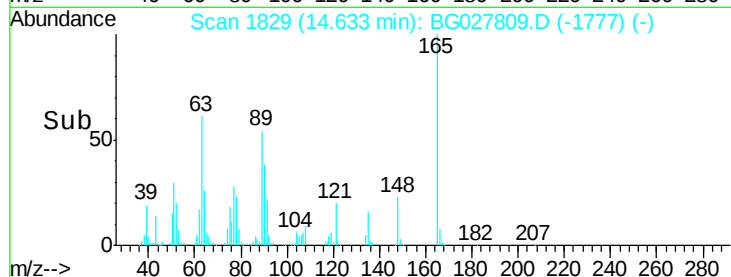
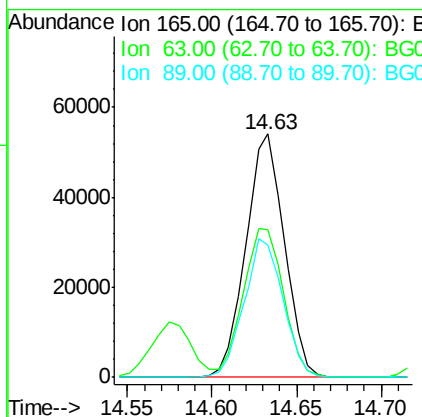
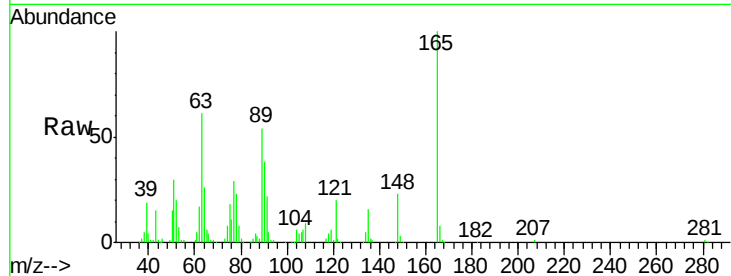
#50
2,6-Dinitrotoluene
Concen: 46.711 ng
RT: 14.63 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85669		
63	60.6	63.9	95.9#	
89	54.3	58.6	88.0#	

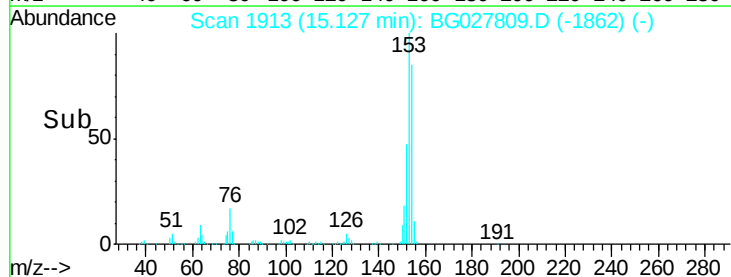
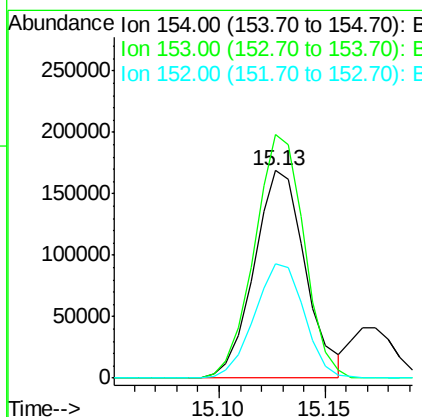
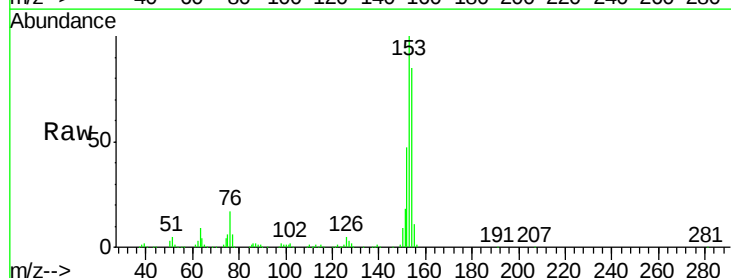
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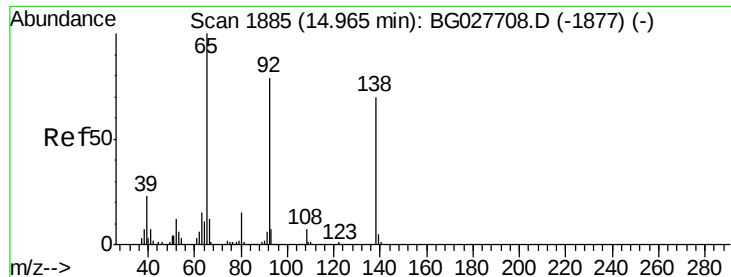
mohammad
7/5/2017 11:32:00 AM



#51
Acenaphthene
Concen: 40.653 ng
RT: 15.13 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	285111		
153	117.2	87.8	131.6	
152	55.3	42.2	63.4	





#52

3-Nitroaniline

Concen: 23.137 ng

RT: 15.00 min Scan# 1892

Delta R.T. 0.04 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:138 Resp: 49921

Ion Ratio Lower Upper

138 100

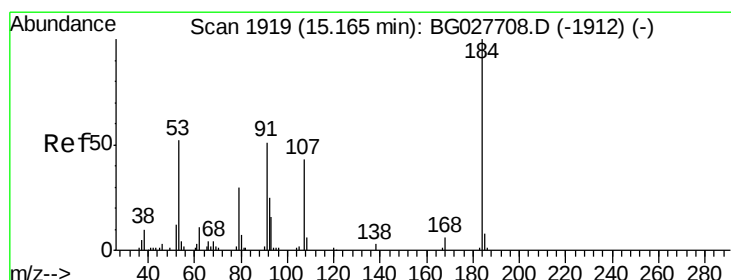
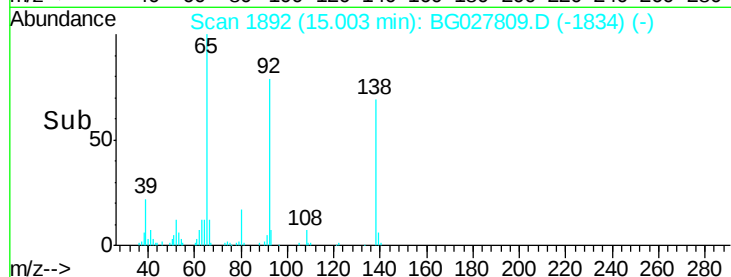
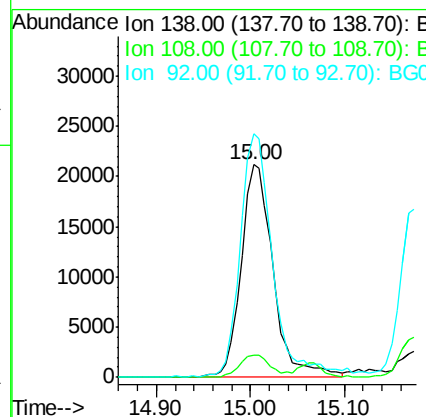
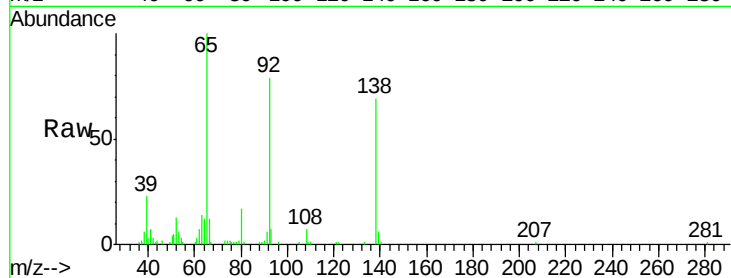
108 10.2 10.9 16.3#

92 114.6 115.3 172.9#

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#53

2,4-Dinitrophenol

Concen: 105.896 ng

RT: 15.17 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

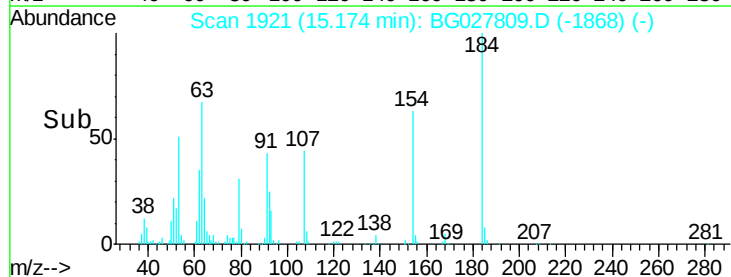
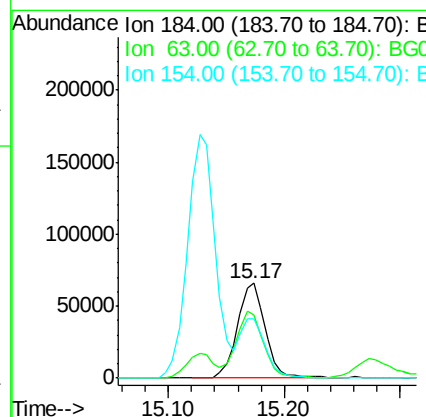
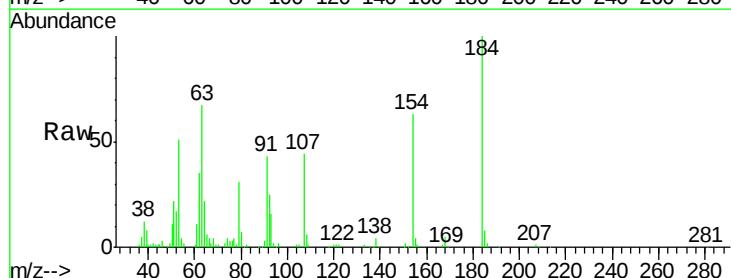
Tgt Ion:184 Resp: 109717

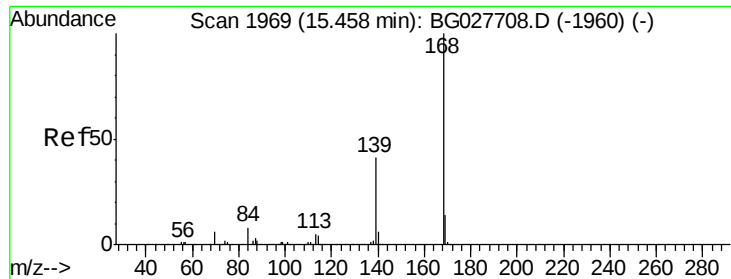
Ion Ratio Lower Upper

184 100

63 66.6 52.7 79.1

154 63.1 57.3 85.9





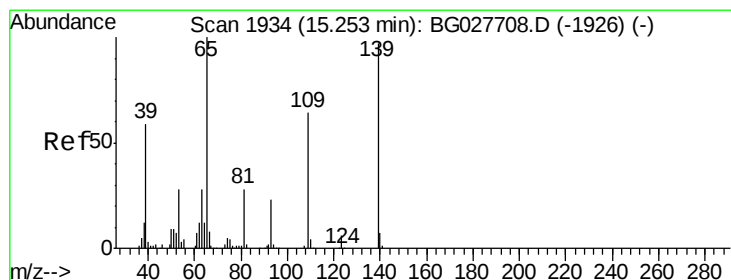
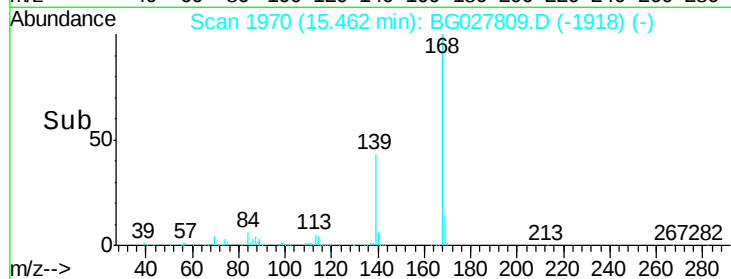
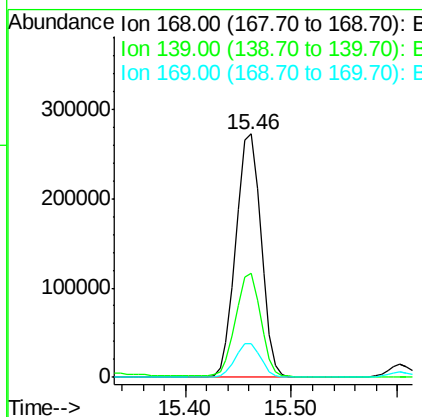
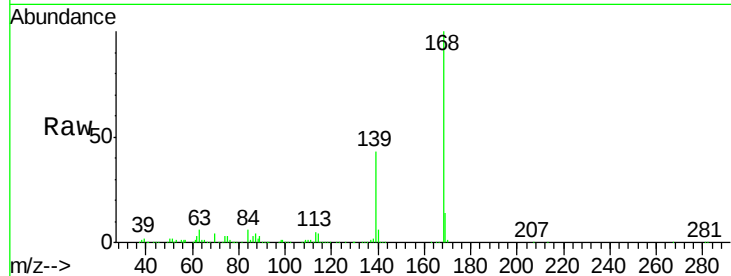
#54
Dibenzofuran
Concen: 48.411 ng
RT: 15.46 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	448942		
139	42.8	35.3	52.9	
169	14.1	11.5	17.3	

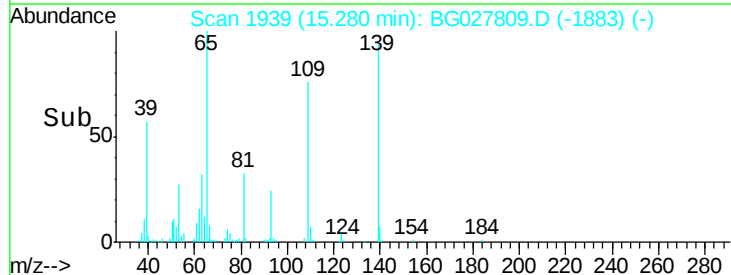
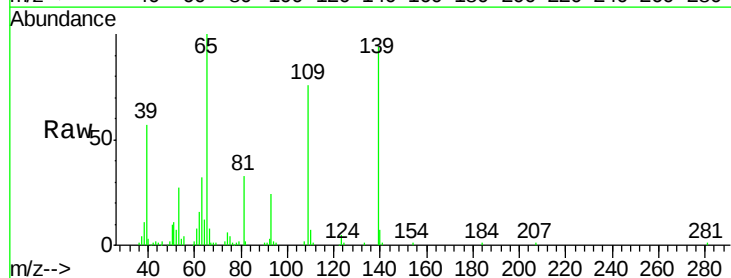
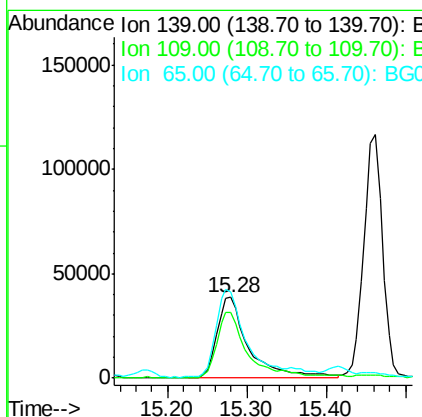
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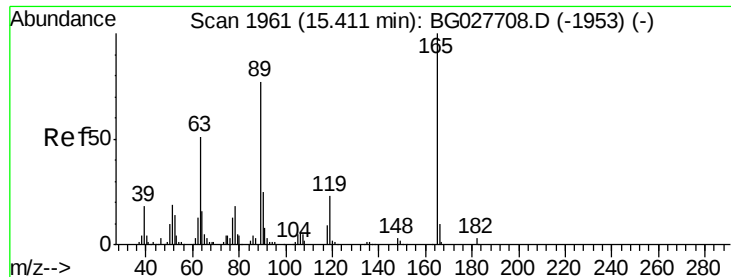
mohammad
7/5/2017 11:32:00 AM



#55
4-Nitrophenol
Concen: 65.517 ng
RT: 15.28 min Scan# 1939
Delta R.T. 0.03 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	107910		
109	80.9	101.2	141.2#	
65	106.6	135.3	175.3#	





#56

2,4-Dinitrotoluene

Concen: 48.980 ng

RT: 15.41 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

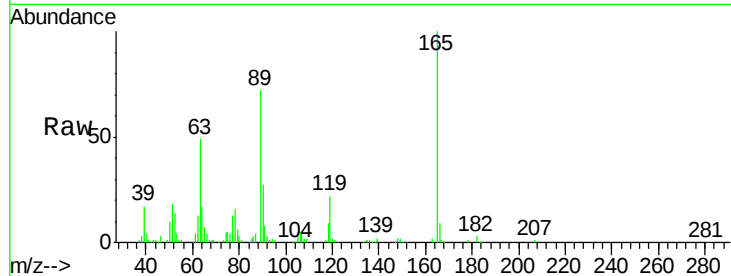
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125294		
63	49.3	44.0	66.0	
89	72.4	67.3	100.9	
182	2.8	3.8	5.6	

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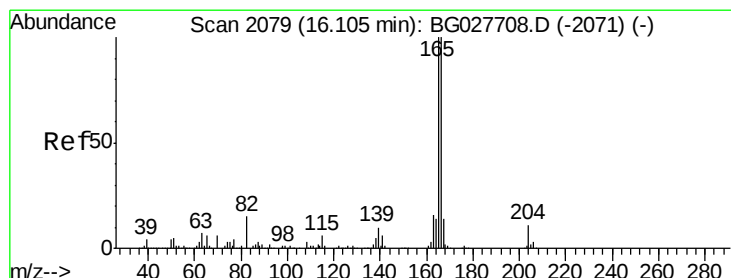
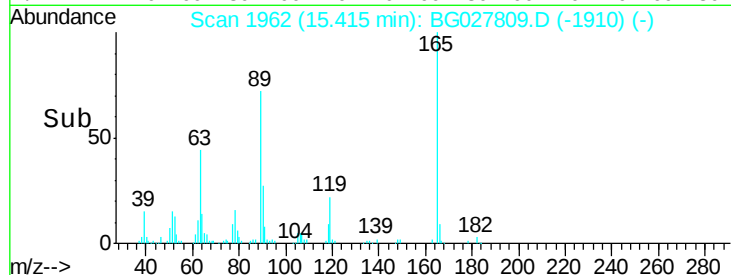
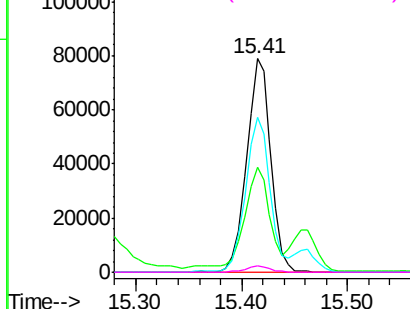


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.852 ng

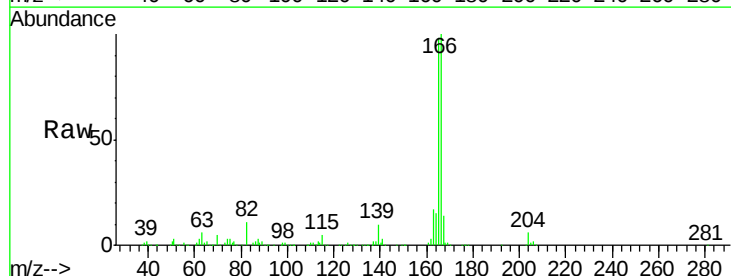
RT: 16.11 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

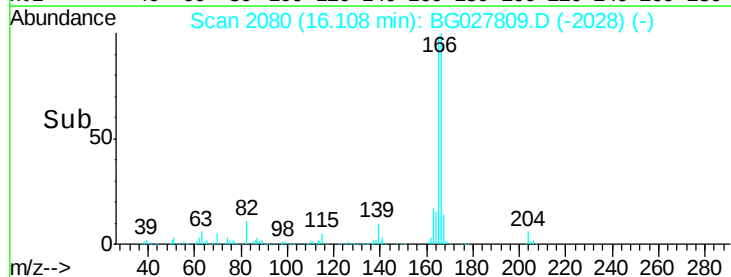
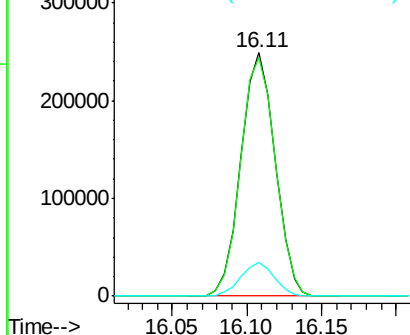
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	394291		
165	97.9	78.6	117.8	
167	13.6	11.6	17.4	

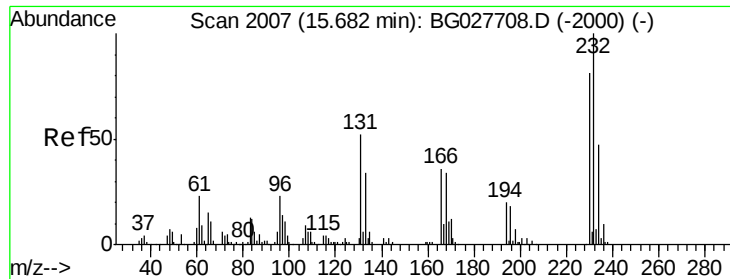


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





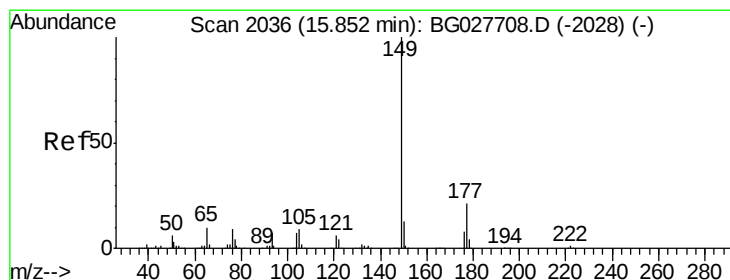
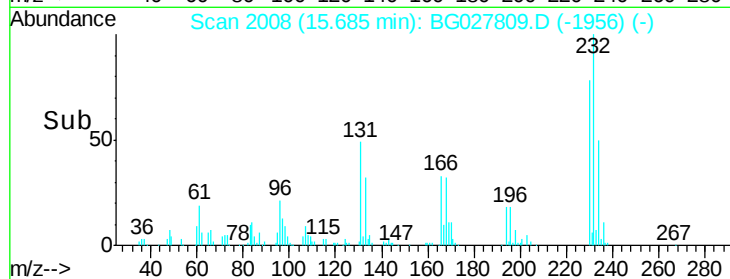
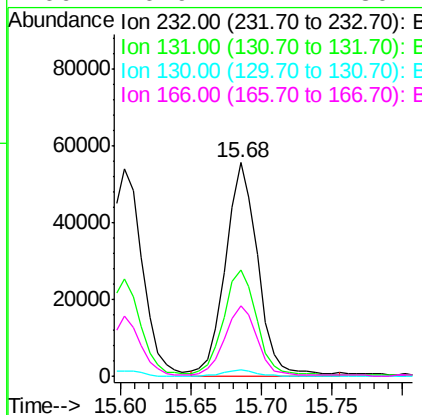
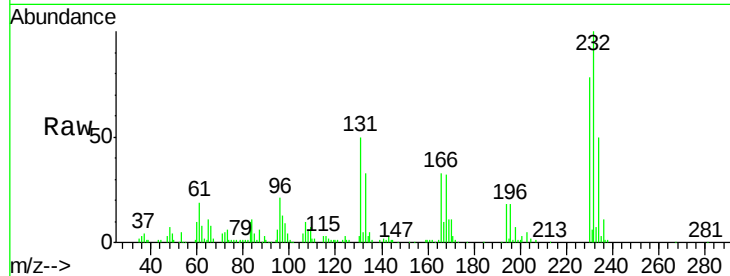
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.746 ng m
 RT: 15.68 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.3	34.9	52.3
130	2.8	2.3	3.5
166	26.9	24.2	36.4

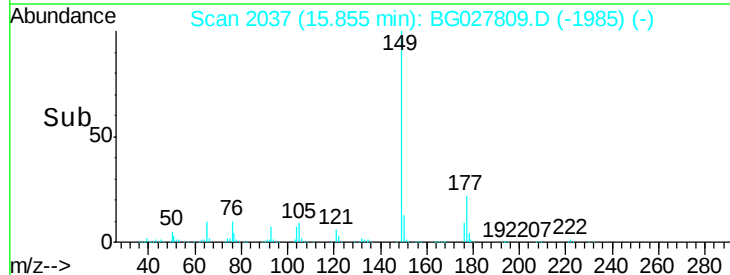
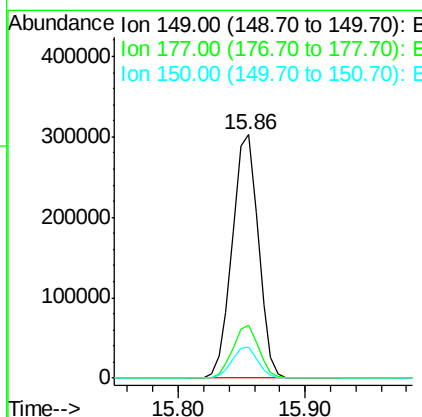
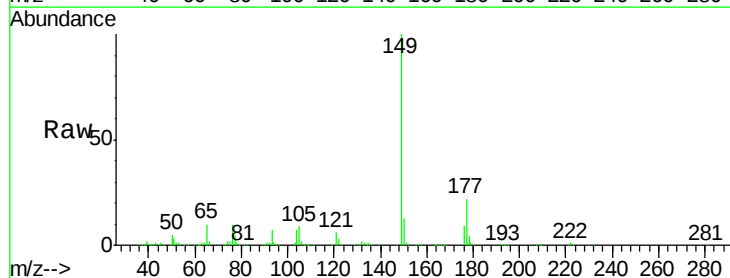
Manual Integrations
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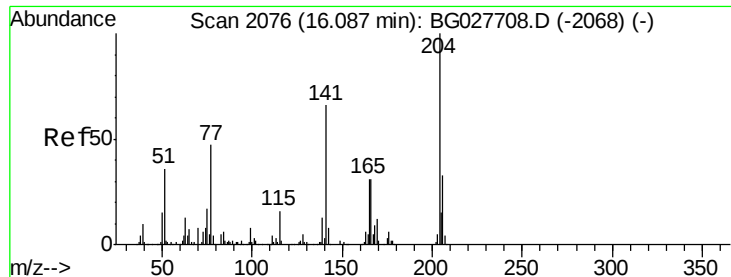
mohammad
 7/5/2017 11:32:00 AM



#59
 Diethylphthalate
 Concen: 46.024 ng
 RT: 15.86 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	20.1	30.1
150	12.7	10.2	15.2





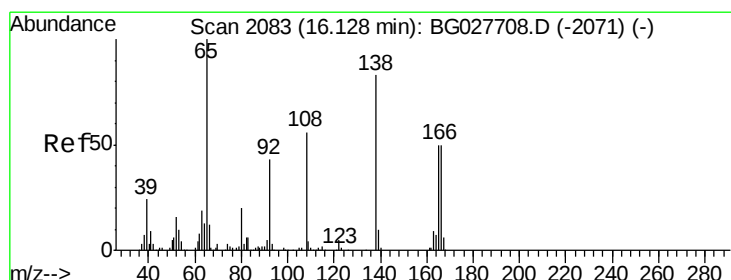
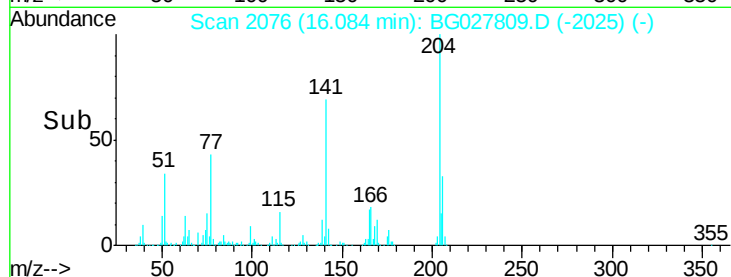
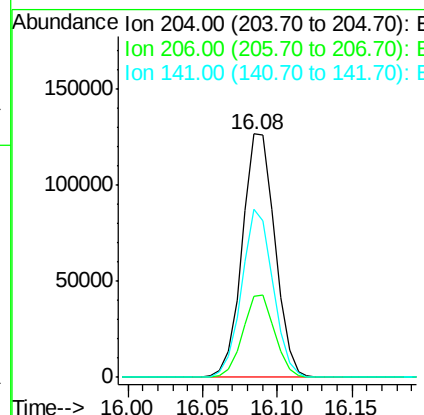
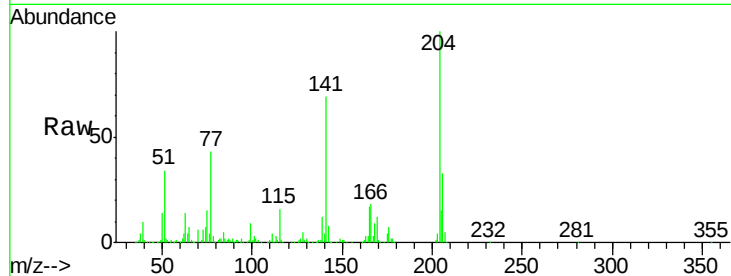
#60
4-Chlorophenyl-phenylether
Concen: 48.109 ng
RT: 16.08 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	191490		
206	33.3	30.1	45.1	
141	69.0	50.6	76.0	

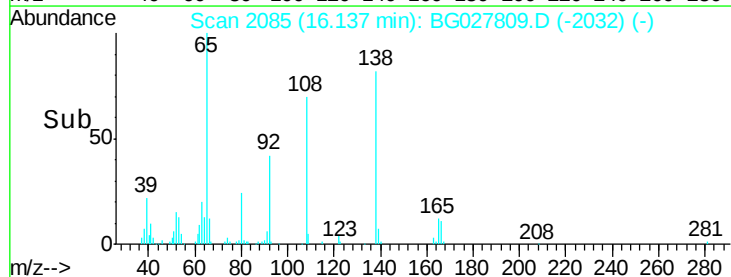
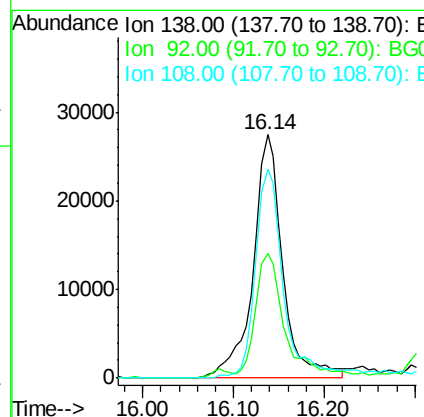
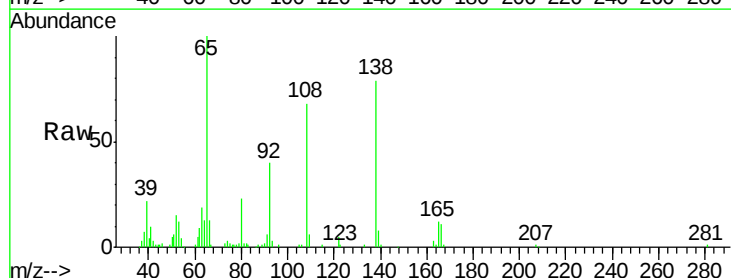
Manual Integrations
APPROVED

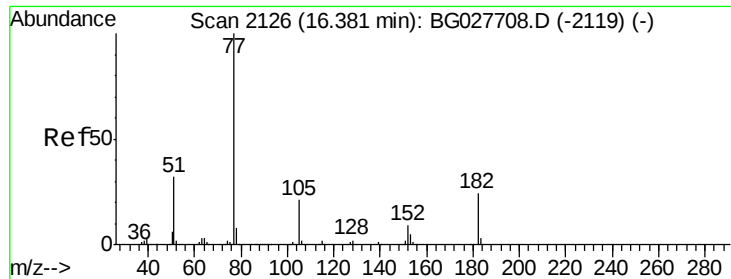
mohammad
7/5/2017 11:32:00 AM



#61
4-Nitroaniline
Concen: 27.751 ng
RT: 16.14 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	62379		
92	51.1	44.2	84.2	
108	85.7	104.8	144.8#	





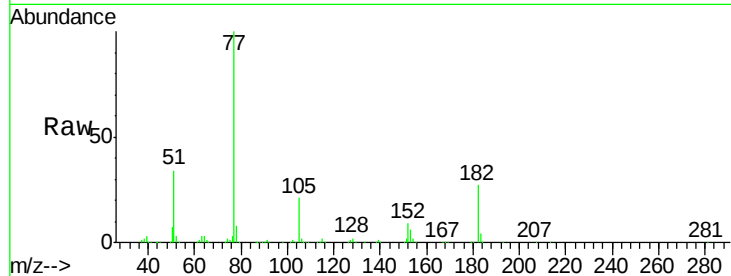
#62
Azobenzene
Concen: 44.490 ng
RT: 16.38 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

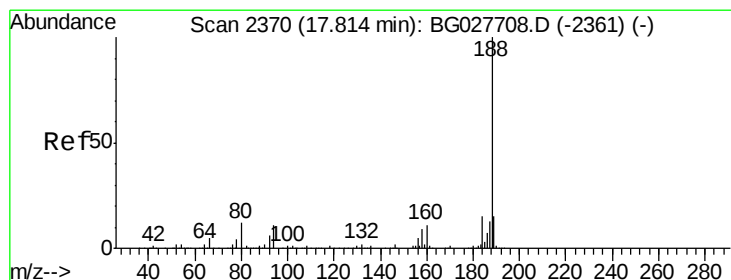
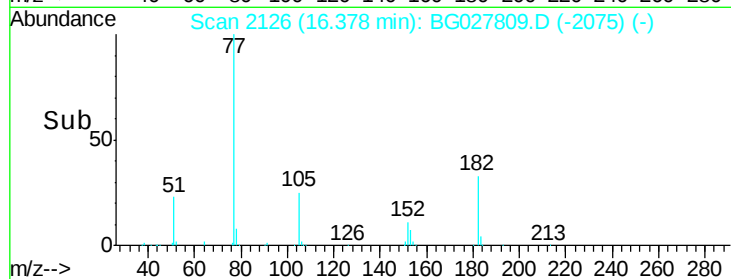
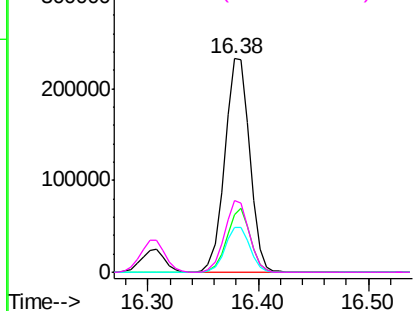
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.7	44.7
105	20.8	0.0	36.3
51	33.7	16.4	56.4

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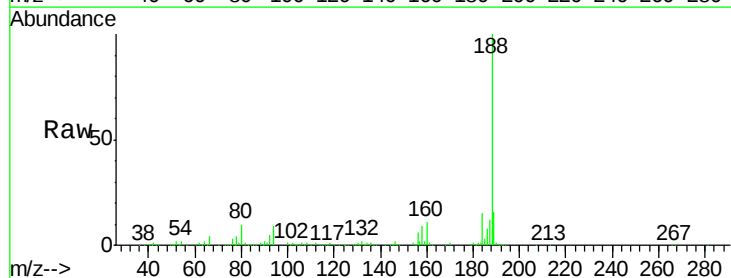


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

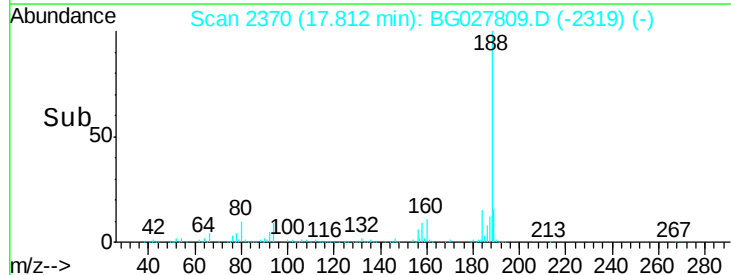
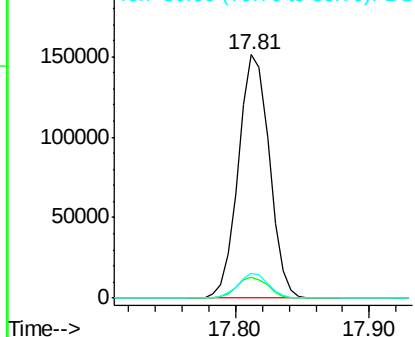


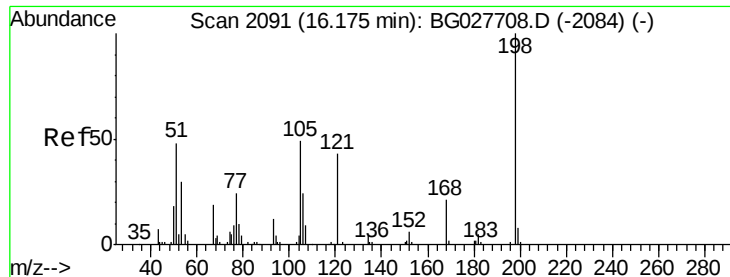
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.8#
80	10.2	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 47.897 ng

RT: 16.18 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:198 Resp: 72715

Ion Ratio Lower Upper

198 100

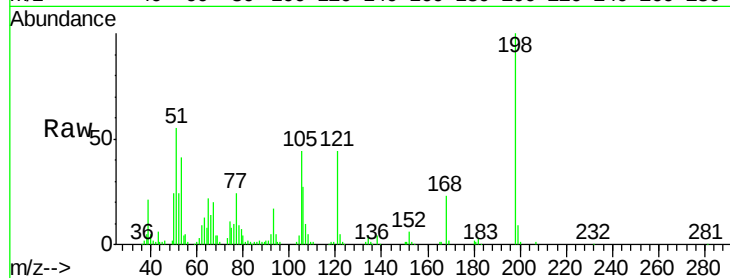
51 55.3 22.6 62.6

105 44.2 14.4 54.4

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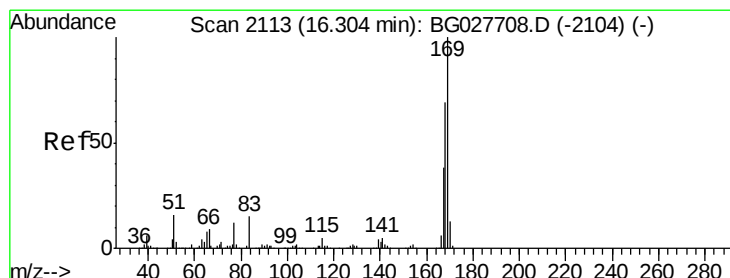
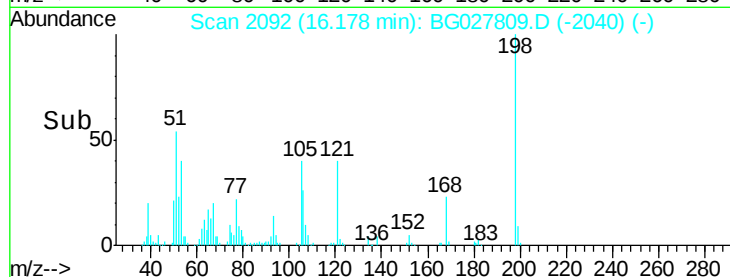
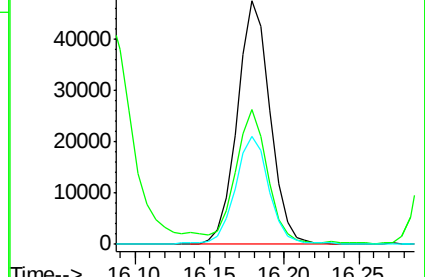
7/5/2017 11:32:00 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 43.130 ng

RT: 16.31 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt Ion:169 Resp: 341494

Ion Ratio Lower Upper

169 100

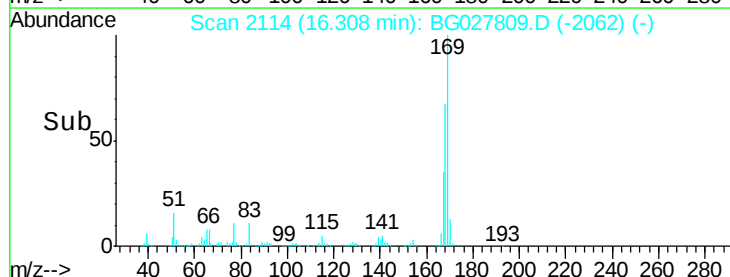
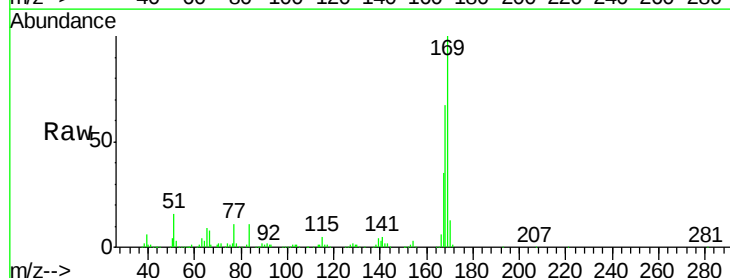
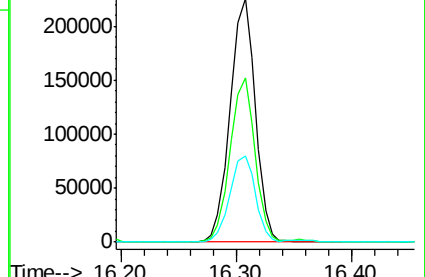
168 67.4 55.7 83.5

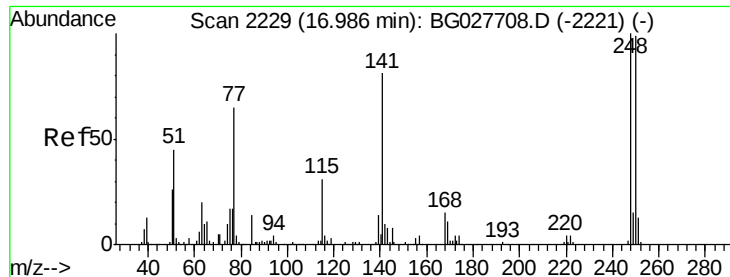
167 35.4 29.8 44.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





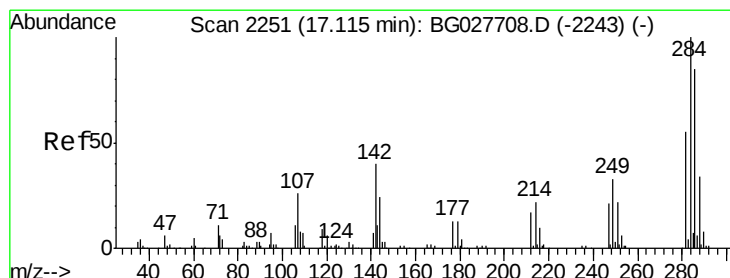
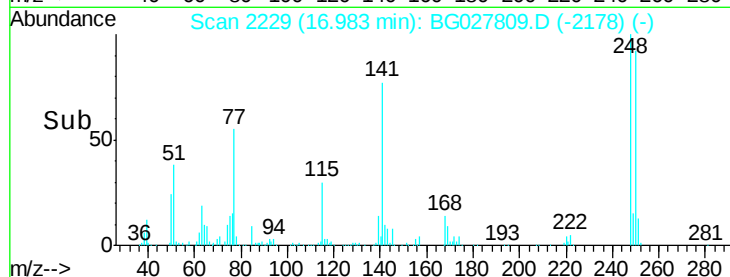
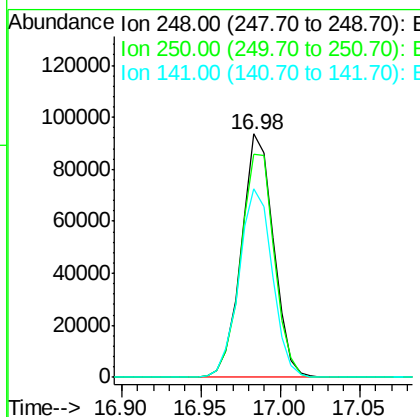
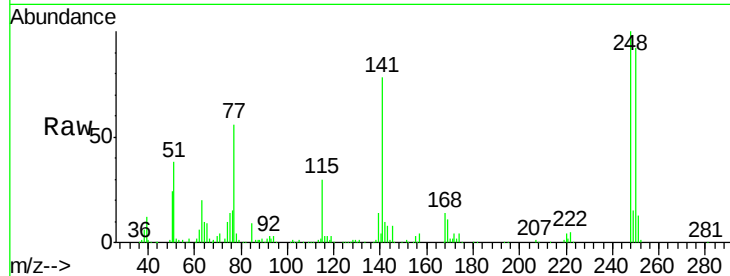
#66
4-Bromophenyl-phenylether
Concen: 51.803 ng
RT: 16.98 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	91.8	75.0	112.6
141	77.6	55.2	82.8

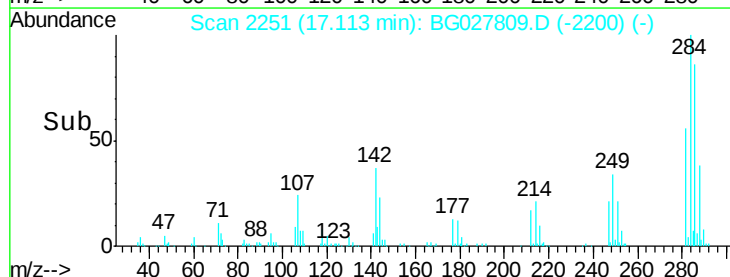
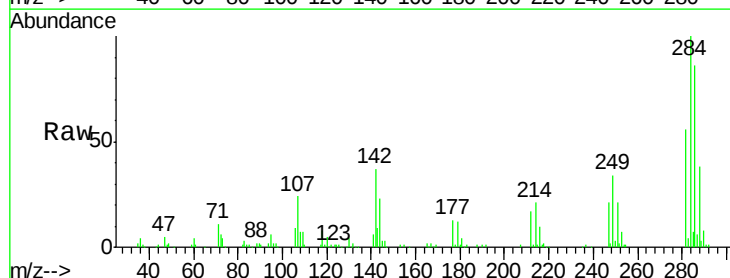
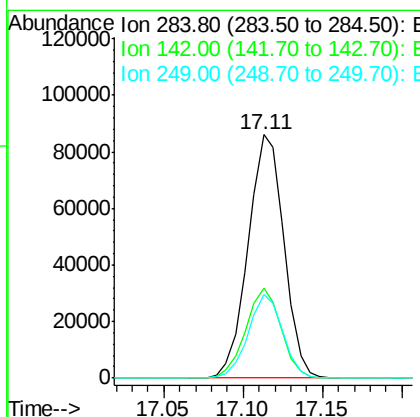
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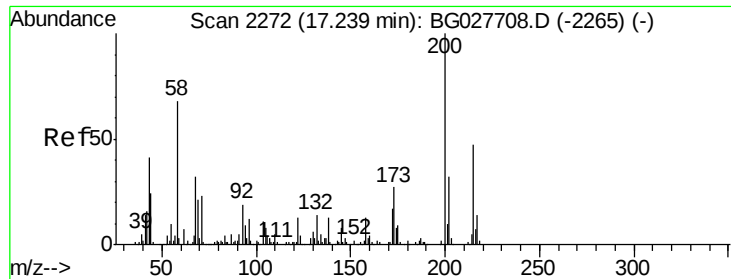
mohammad
7/5/2017 11:32:00 AM



#67
Hexachlorobenzene
Concen: 50.202 ng
RT: 17.11 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	29.9	44.9
249	34.3	29.2	43.8





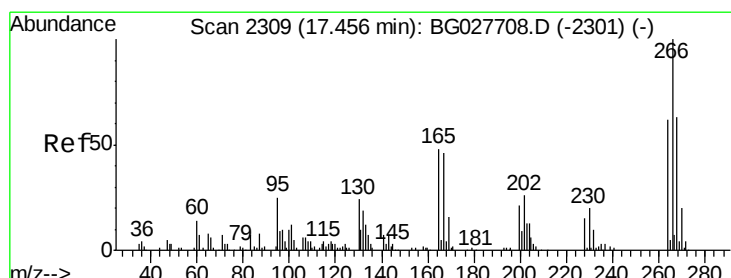
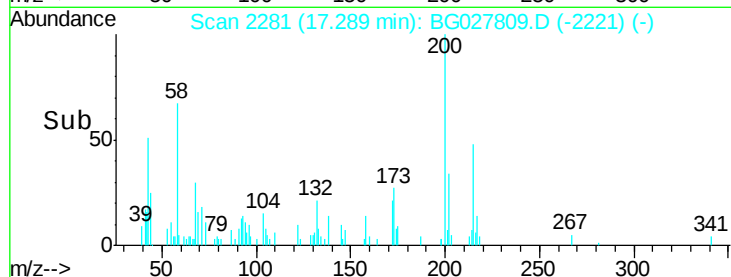
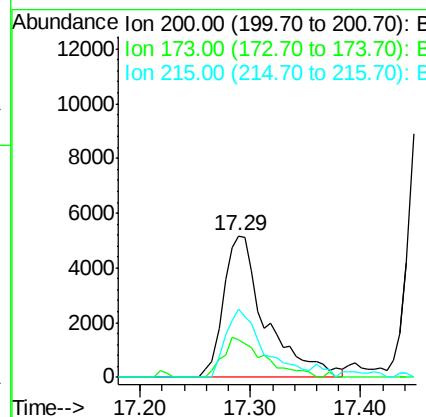
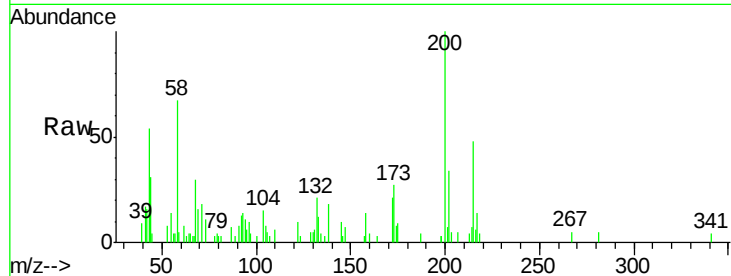
#68
Atrazine
Concen: 5.519 ng
RT: 17.29 min Scan# 2281
Delta R.T. 0.05 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	13795		
173	26.8	3.0	43.0	
215	48.3	28.4	68.4	

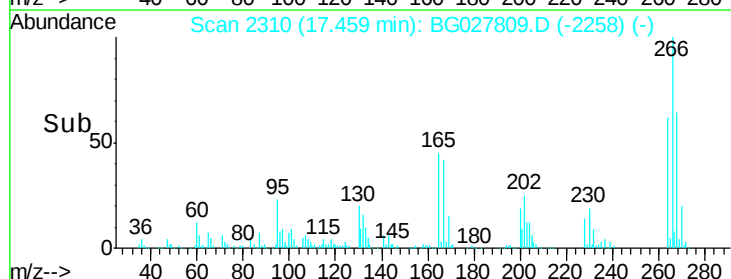
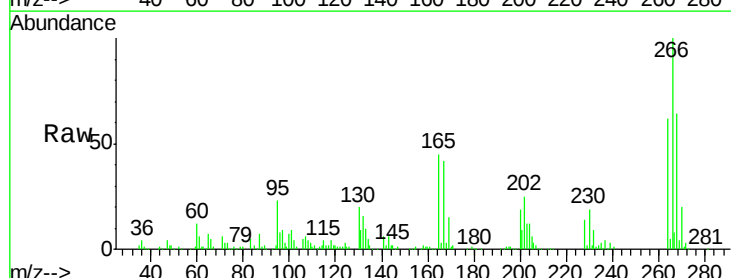
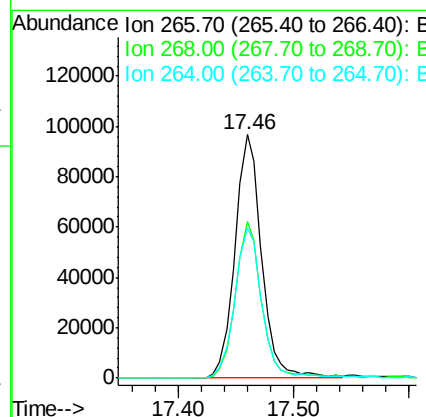
Manual Integrations
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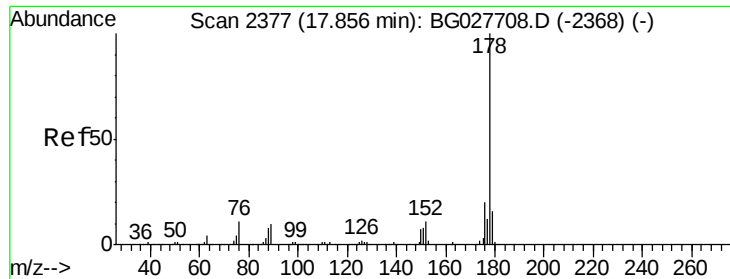
mohammad
7/5/2017 11:32:00 AM



#69
Pentachlorophenol
Concen: 89.094 ng
RT: 17.46 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	154665		
268	64.5	48.6	72.8	
264	61.7	50.1	75.1	





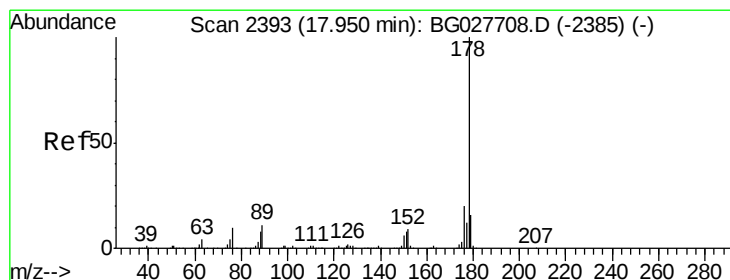
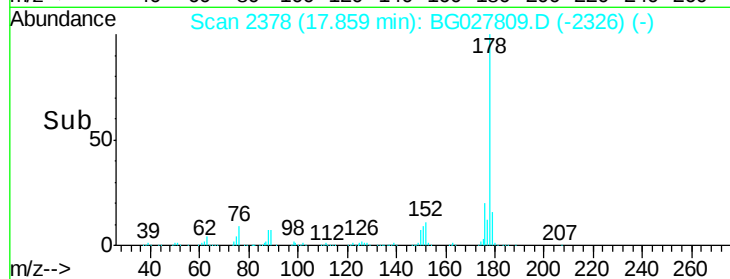
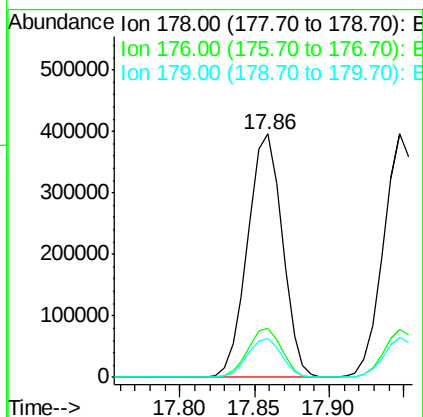
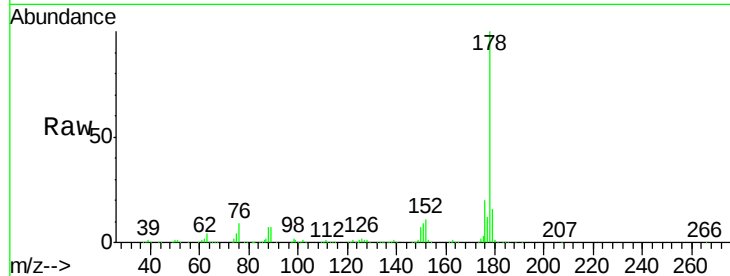
#70
Phenanthrene
Concen: 45.476 ng
RT: 17.86 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.7	26.5
179	16.0	15.0	22.6

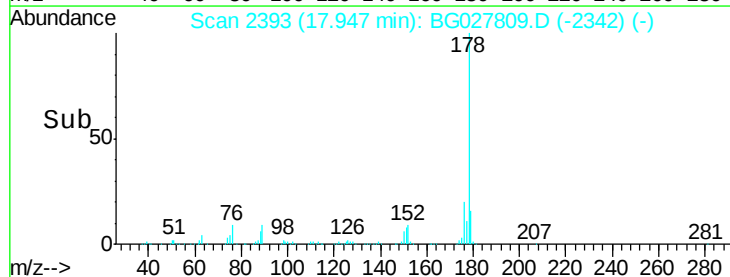
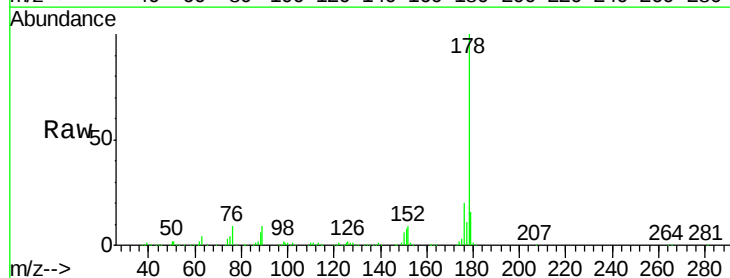
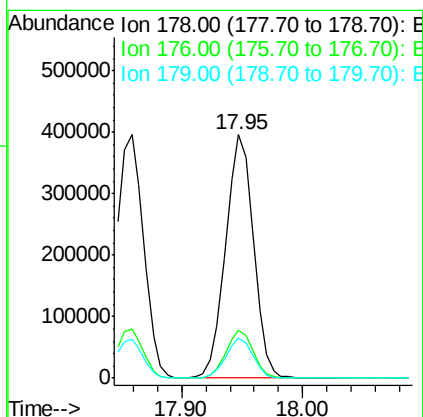
Manual Integrations
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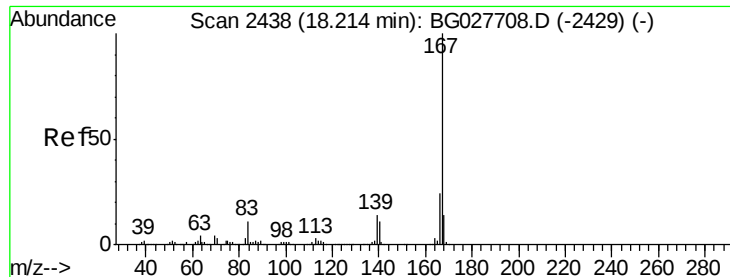
mohammad
7/5/2017 11:32:00 AM



#71
Anthracene
Concen: 44.627 ng
RT: 17.95 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	16.3	13.8	20.8





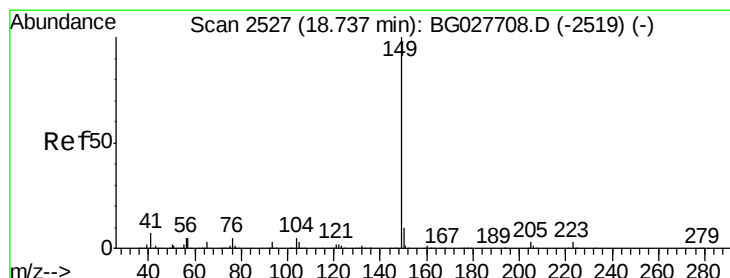
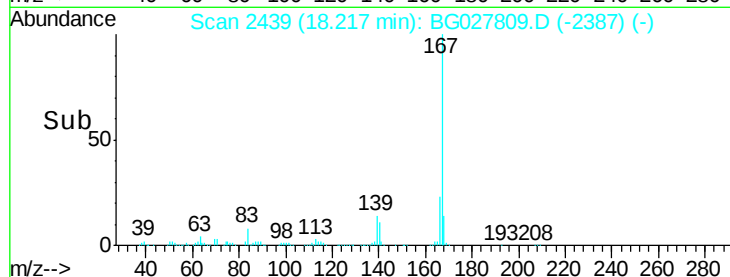
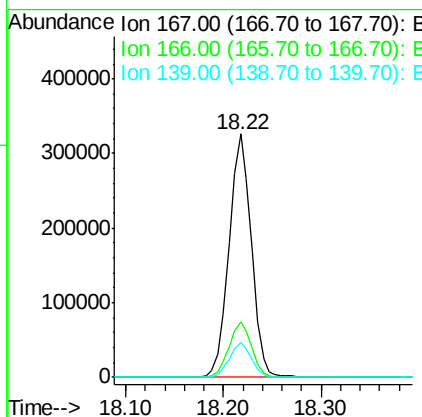
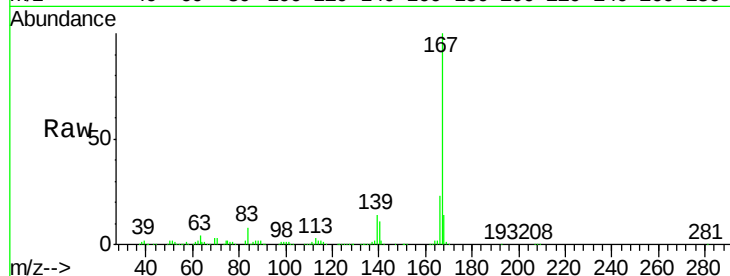
#72
 Carbazole
 Concen: 36.974 ng
 RT: 18.22 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	516687		
166	23.0		20.2	30.2
139	14.4		12.8	19.2

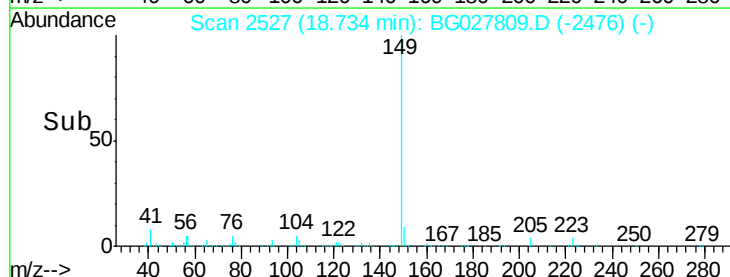
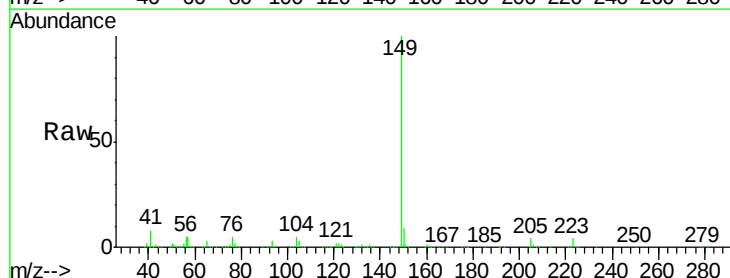
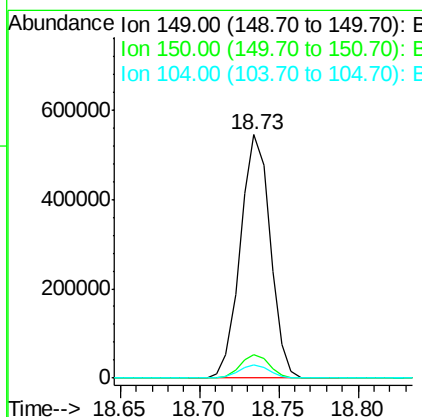
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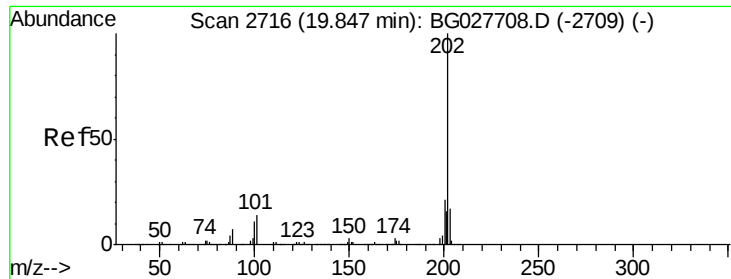
mohammad
 7/5/2017 11:32:00 AM



#73
 Di-n-butylphthalate
 Concen: 46.399 ng
 RT: 18.73 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712518		
150	9.5		9.1	13.7
104	5.3		6.7	10.1#





#74

Fluoranthene

Concen: 45.219 ng

RT: 19.85 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

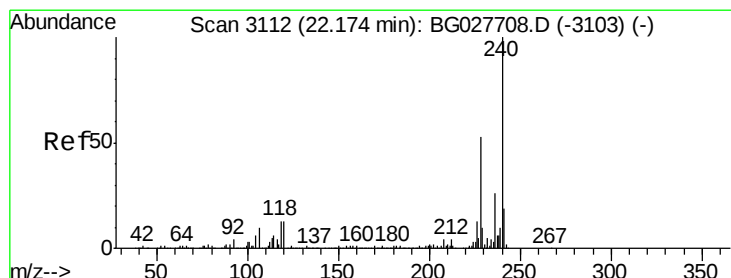
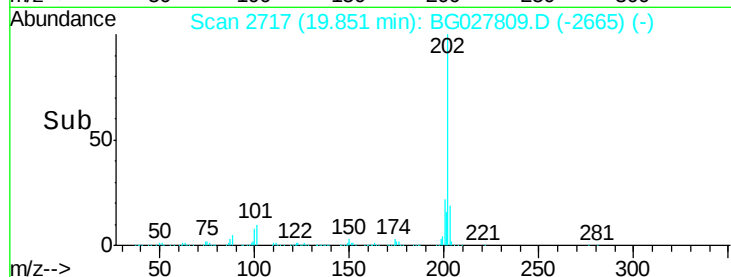
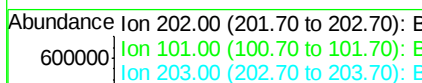
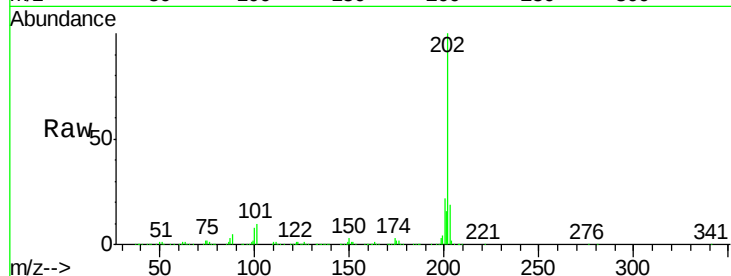
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		694427		
101	10.1	0.0	30.1		
203	18.7	1.3	41.3		

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#75

Chrysene-d12

Concen: 20.000 ng

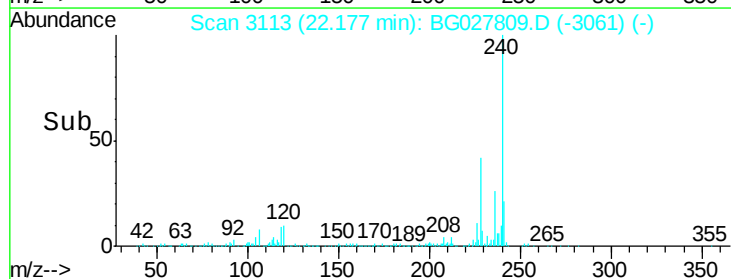
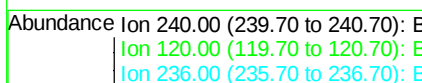
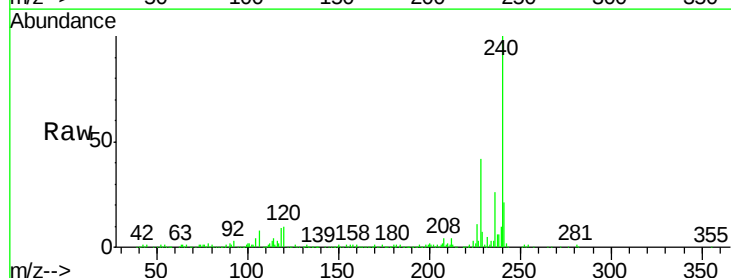
RT: 22.18 min Scan# 3113

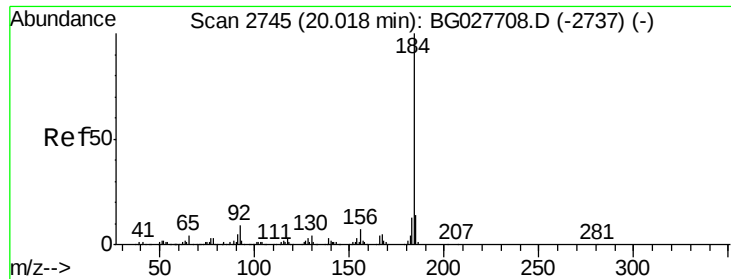
Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		256143		
120	9.8	5.7	8.5#		
236	25.5	22.2	33.4		





#76

Benzidine

Concen: 3.226 ng

RT: 19.85 min Scan# 2717

Delta R.T. -0.17 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

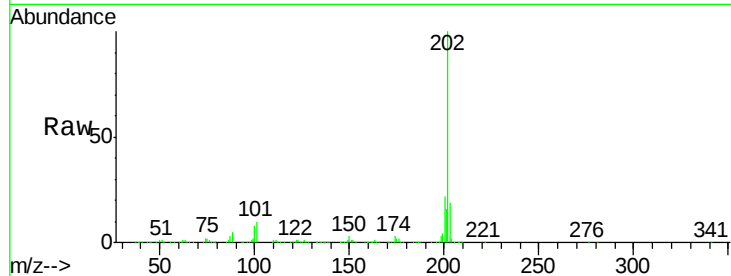
ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	153.7	13.0	19.6#	
183	0.0	11.0	16.6#	

Manual Integrations
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mohammad
7/5/2017 11:32:00 AM

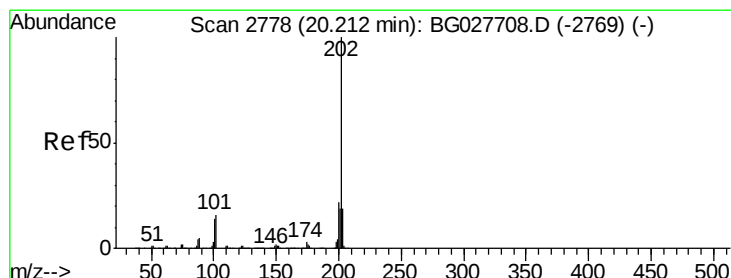
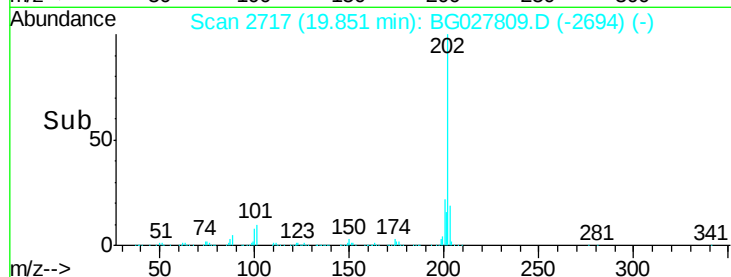
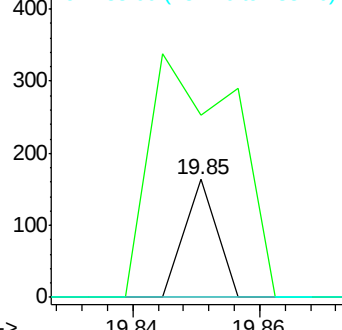


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 44.800 ng

RT: 20.21 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

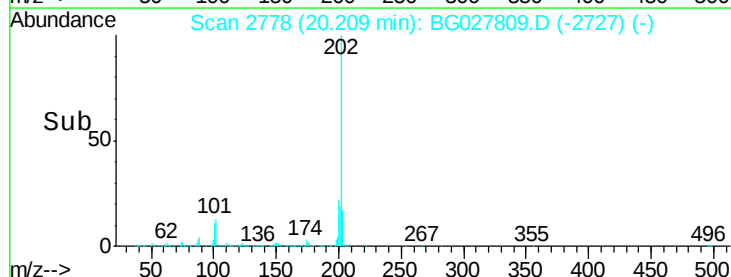
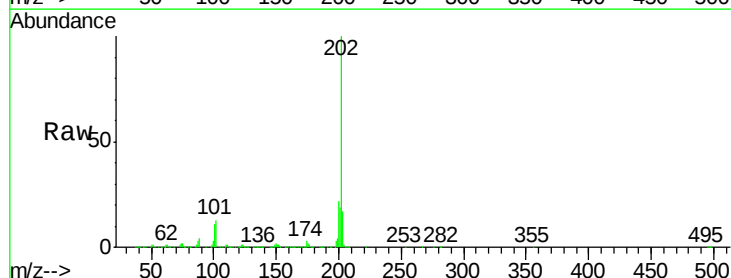
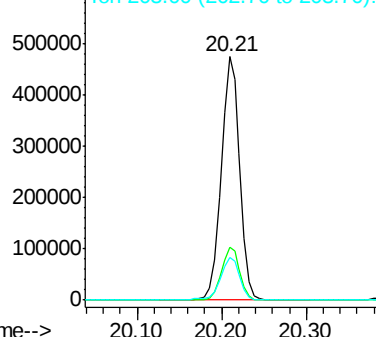
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	19.6	29.4	
203	17.3	15.8	23.8	

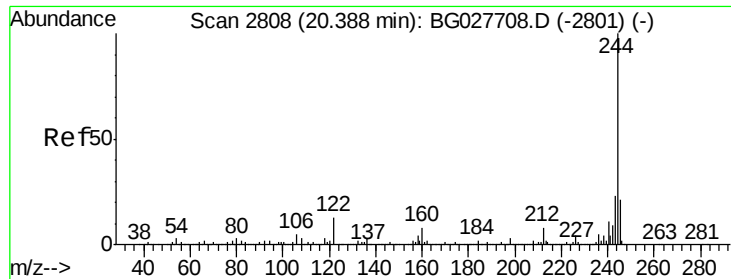
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





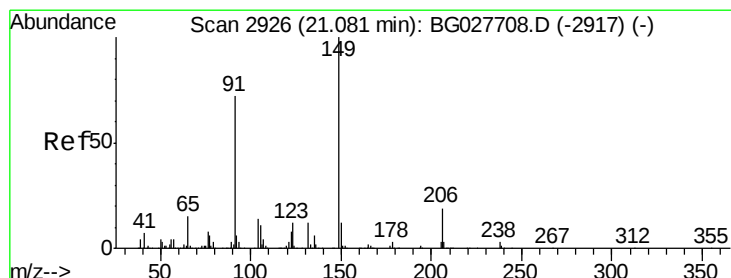
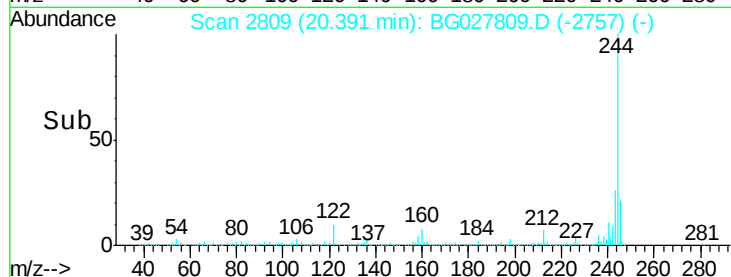
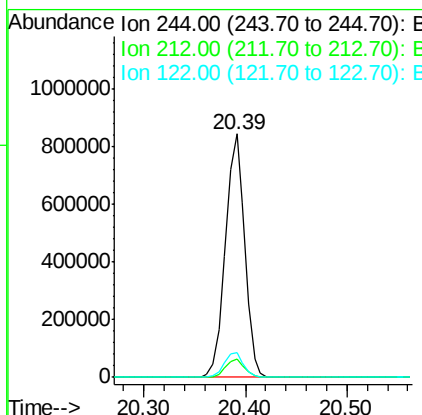
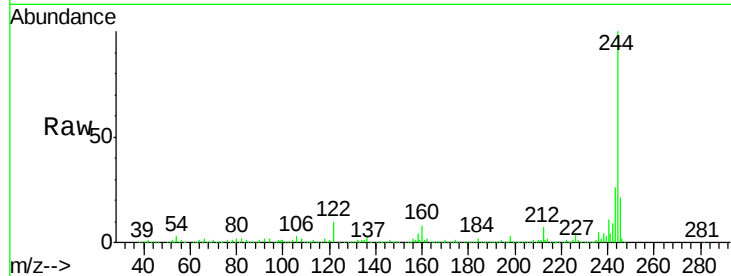
#78
 Terphenyl-d14
 Concen: 101.996 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion:244 Resp: 1114397
 Ion Ratio Lower Upper
 244 100
 212 7.4 10.0 15.0#
 122 10.2 8.6 12.8

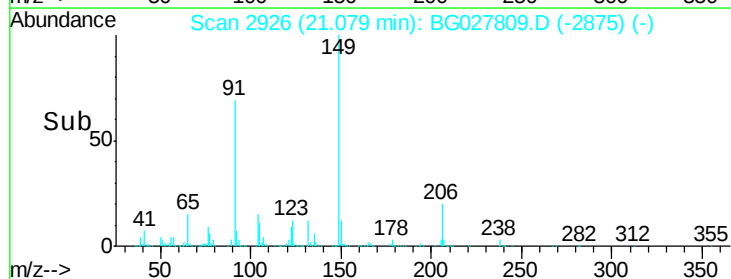
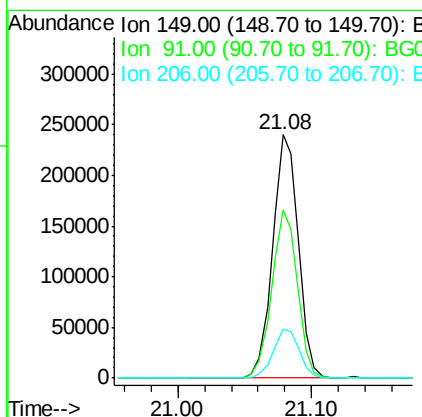
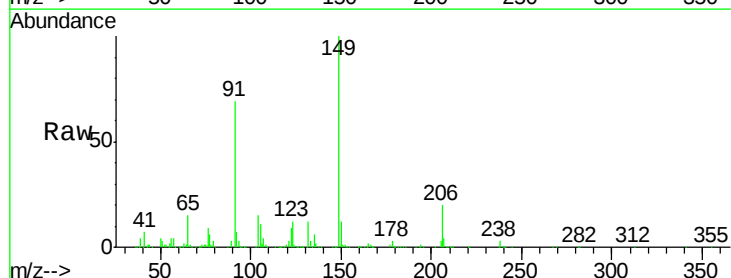
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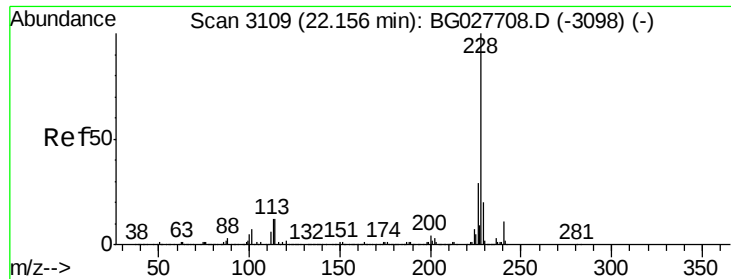
mohammad
 7/5/2017 11:32:00 AM



#79
 Butylbenzylphthalate
 Concen: 44.534 ng
 RT: 21.08 min Scan# 2926
 Delta R.T. -0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion:149 Resp: 322416
 Ion Ratio Lower Upper
 149 100
 91 69.1 63.5 95.3
 206 20.0 21.0 31.6#





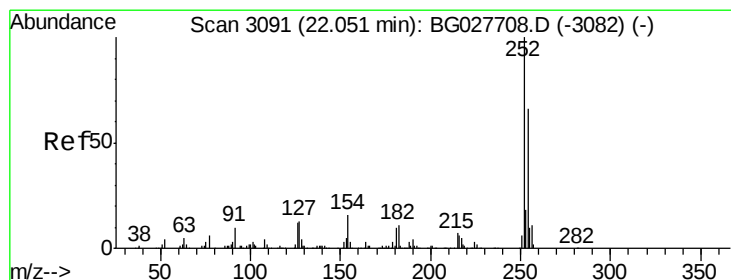
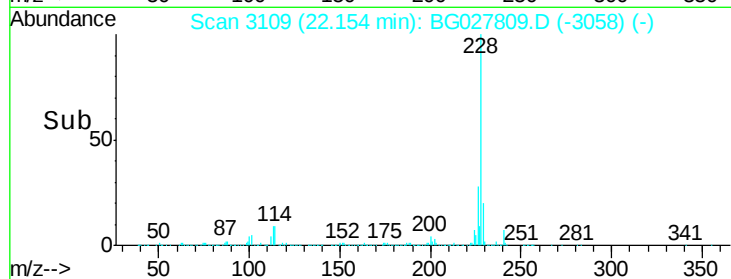
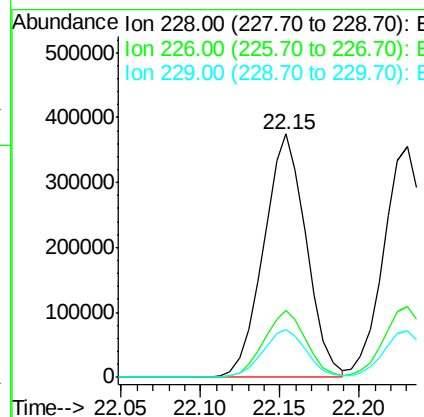
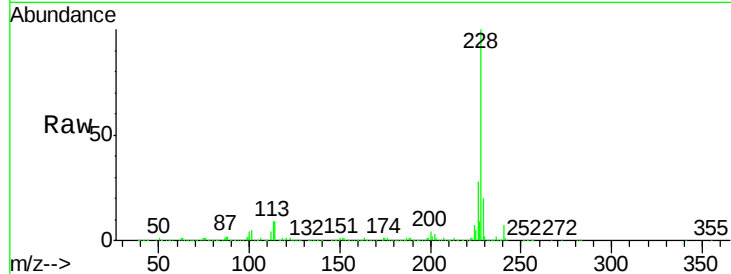
#80
Benzo(a)anthracene
Concen: 44.969 ng
RT: 22.15 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	696387		
226	27.5	24.9	37.3	
229	19.8	18.2	27.2	

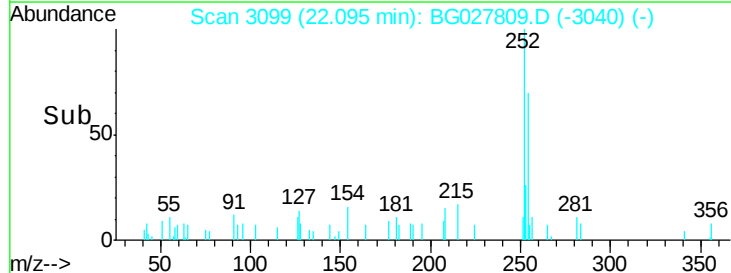
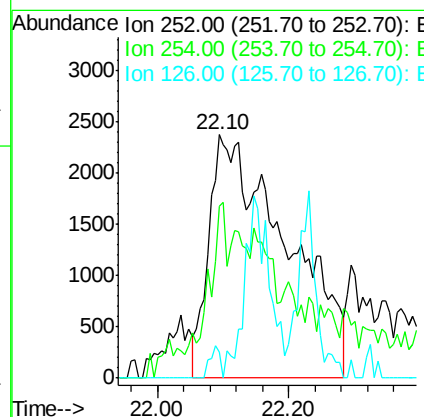
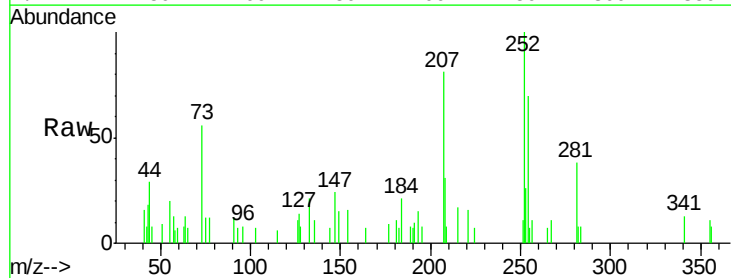
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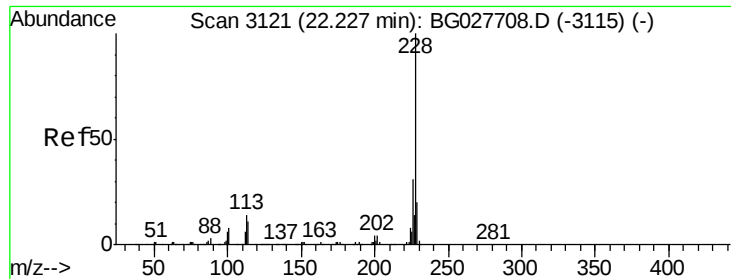
mohammad
7/5/2017 11:32:00 AM



#81
3,3'-Dichlorobenzidine
Concen: 3.460 ng m
RT: 22.10 min Scan# 3099
Delta R.T. 0.04 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	19447		
254	70.4	53.1	79.7	
126	10.9	7.0	10.4	





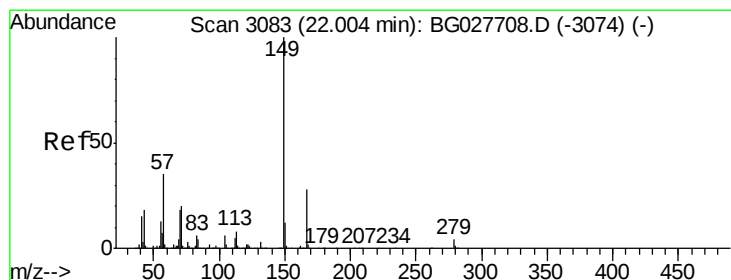
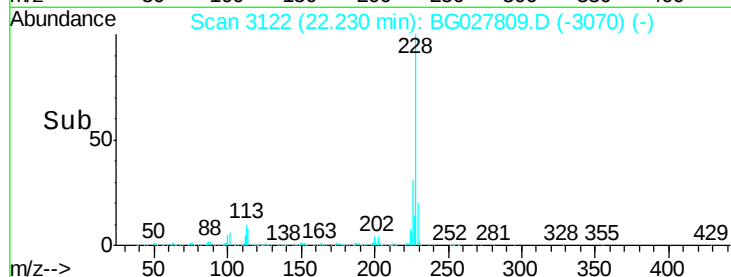
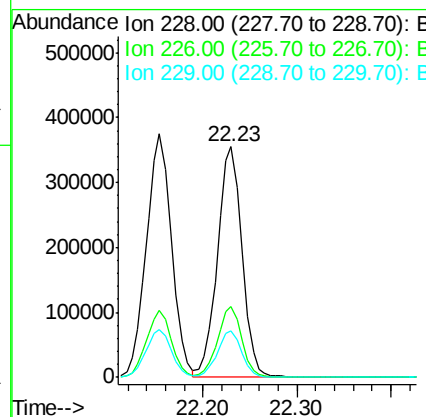
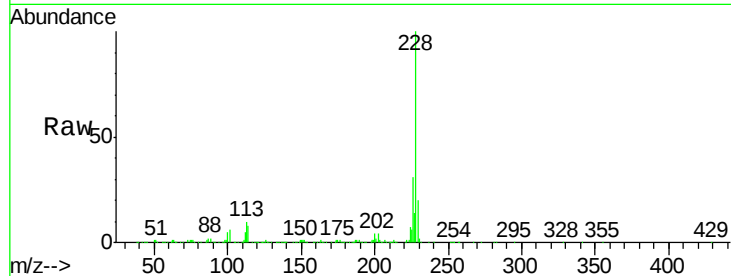
#82
 Chrysene
 Concen: 44.849 ng
 RT: 22.23 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Instrument :
 BNA_G
 ClientSampleId :
 TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.0	40.4
229	20.1	17.8	26.6

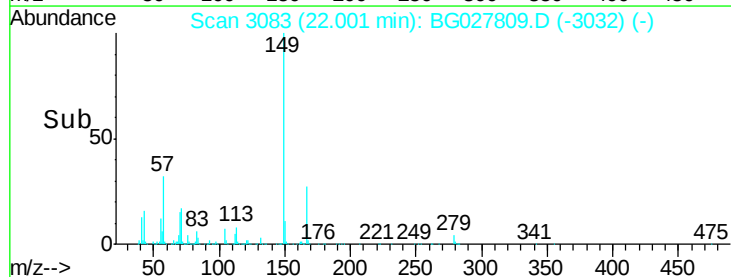
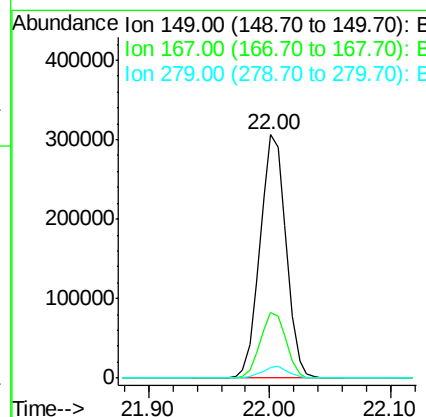
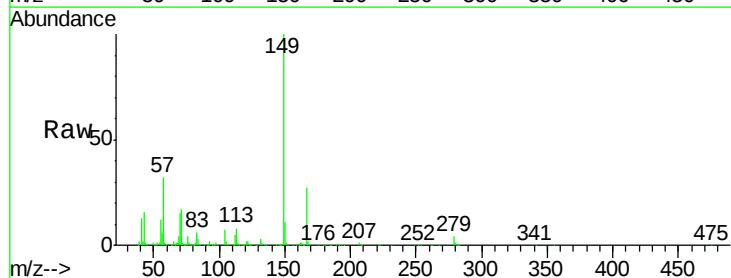
Manual Integrations
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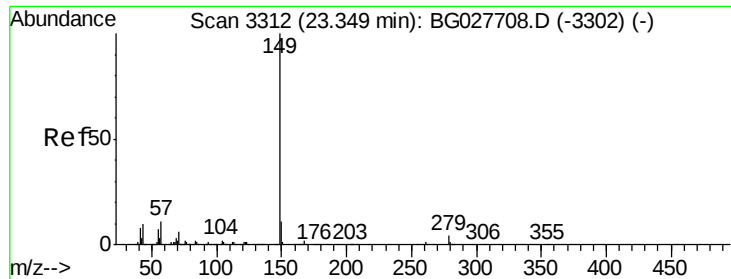
mohammad
 7/5/2017 11:32:00 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.401 ng
 RT: 22.00 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BG027809.D
 Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.7	35.5
279	4.4	4.6	6.8





#84

Di-n-octyl phthalate

Concen: 44.177 ng

RT: 23.35 min Scan# 3312

Delta R.T. -0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

Instrument :

BNA_G

ClientSampleId :

TP3-MH2095-COMPMSD

Tgt Ion:149 Resp: 772172

Ion Ratio Lower Upper

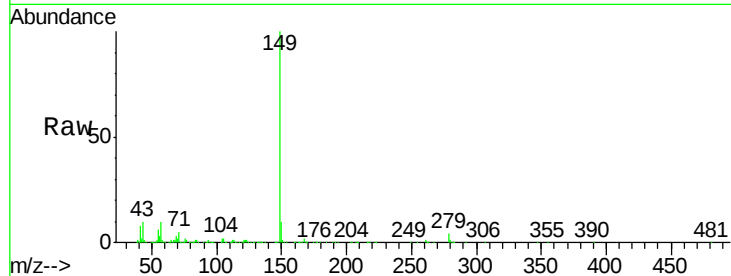
149 100

167 1.6 1.4 2.2

43 10.1 11.8 17.6#

Manual Integrations
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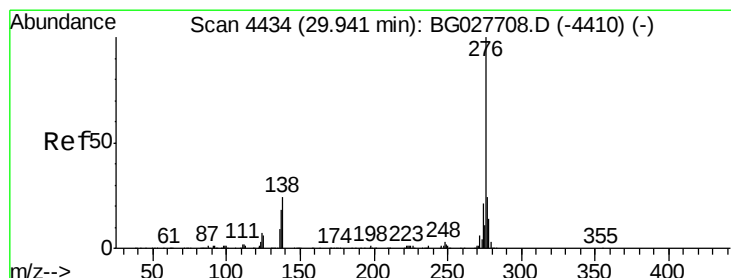
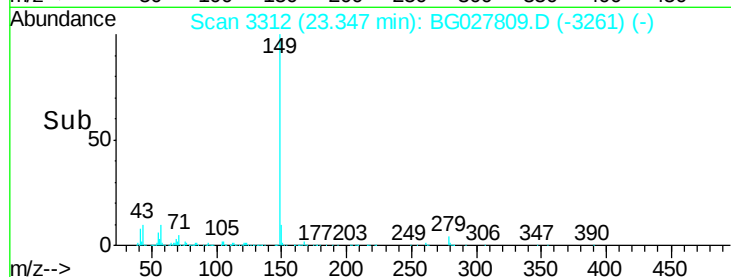
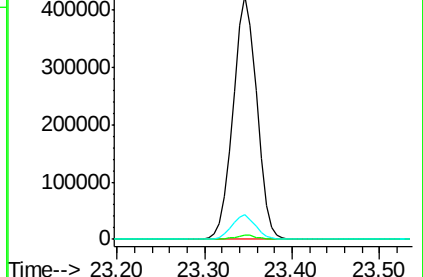
mohammad
7/5/2017 11:32:00 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.476 ng

RT: 29.94 min Scan# 4435

Delta R.T. 0.00 min

Lab File: BG027809.D

Acq: 2 Jul 2017 7:58

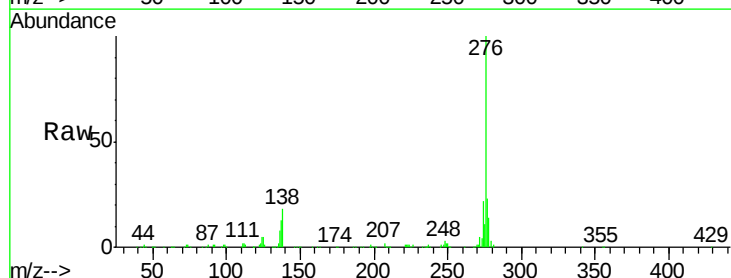
Tgt Ion:276 Resp: 754442

Ion Ratio Lower Upper

276 100

138 22.9 4.7 7.1#

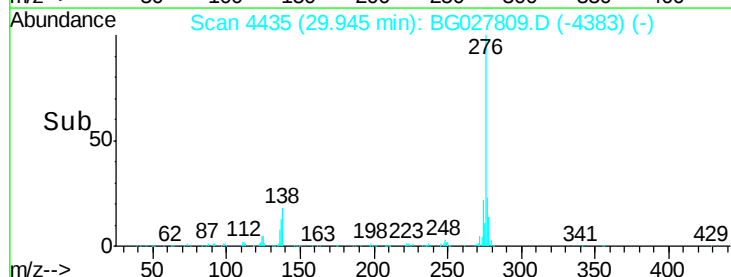
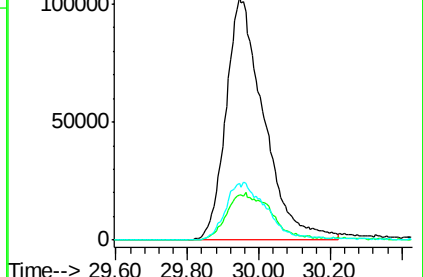
277 10.2 20.6 31.0#

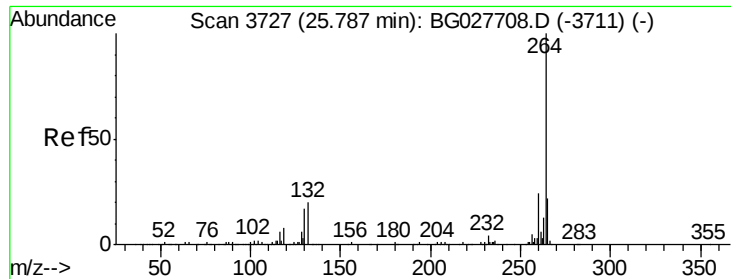


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





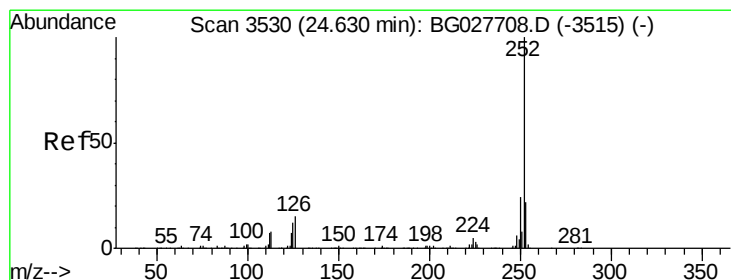
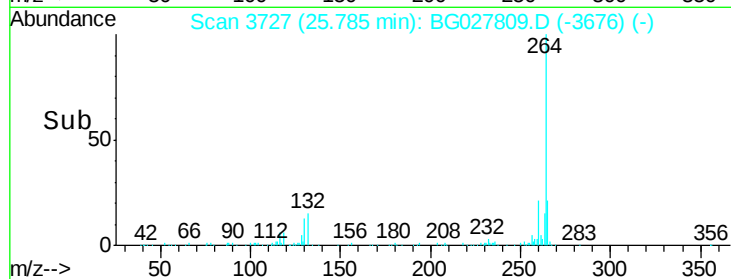
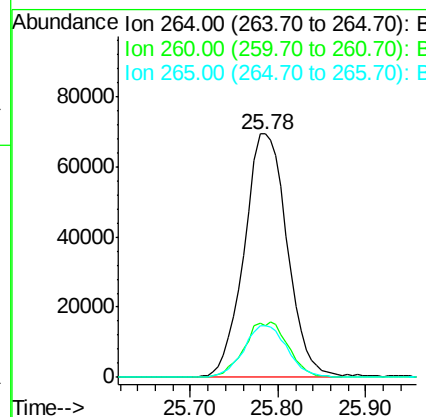
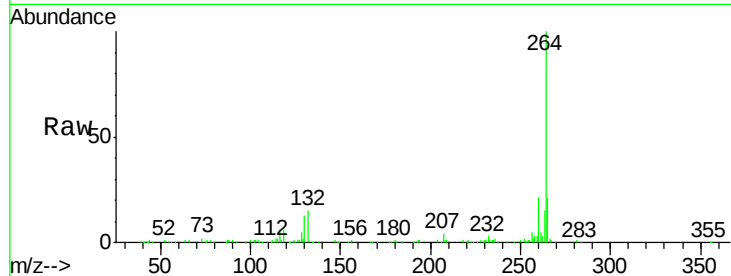
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.78 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	232211		
260	21.3	21.8	32.8#	
265	21.5	18.2	27.4	

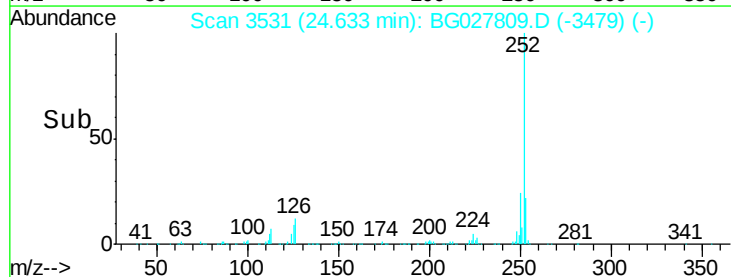
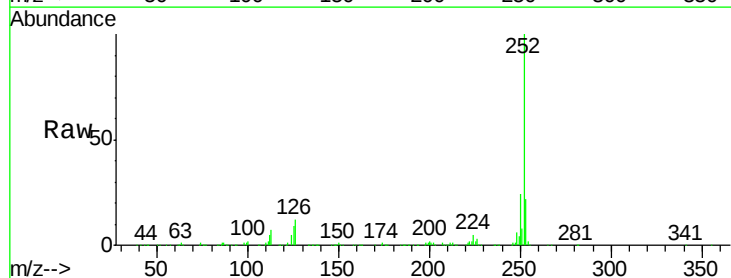
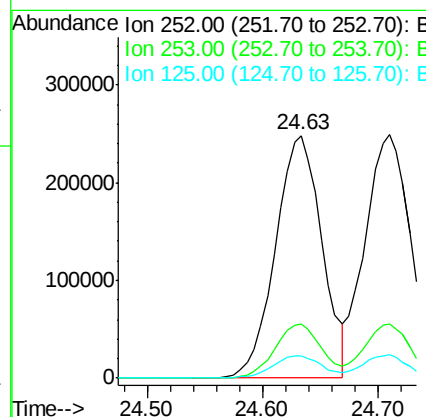
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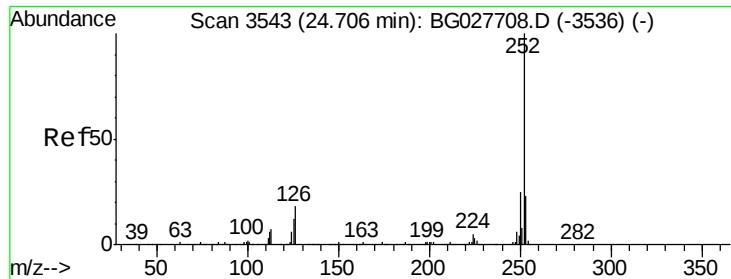
mohammad
7/5/2017 11:32:00 AM



#87
Benzo(b)fluoranthene
Concen: 46.330 ng
RT: 24.63 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	693120		
253	22.4	18.7	28.1	
125	9.2	5.3	7.9#	





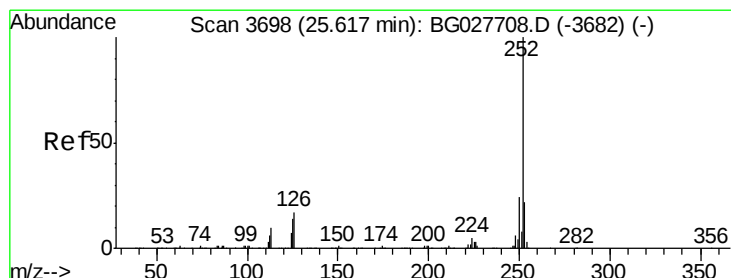
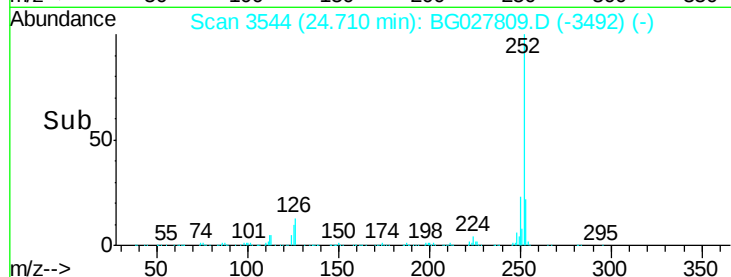
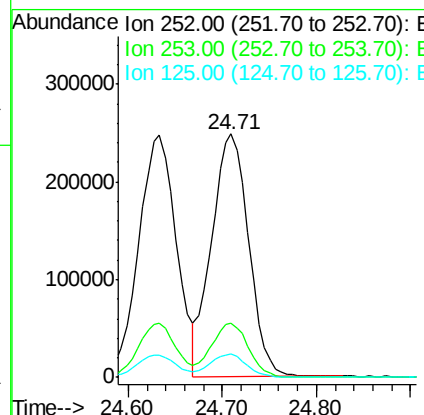
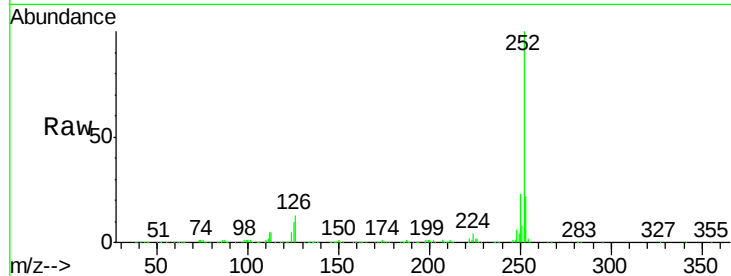
#88
Benzo(k)fluoranthene
Concen: 46.298 ng
RT: 24.71 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	9.5	5.1	7.7#

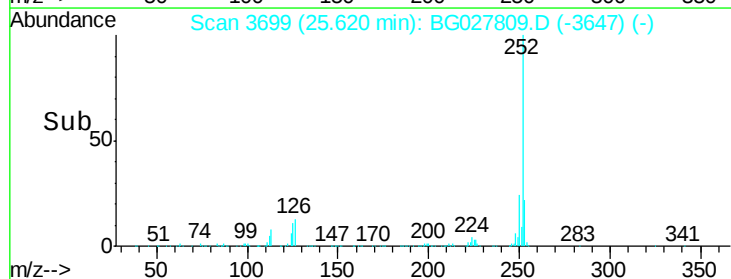
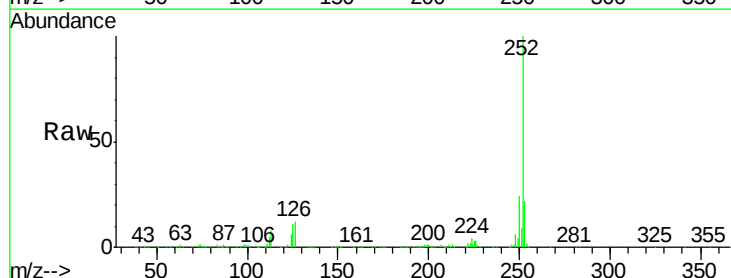
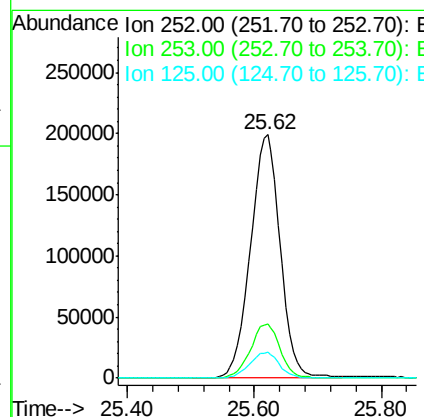
Manual Integrations
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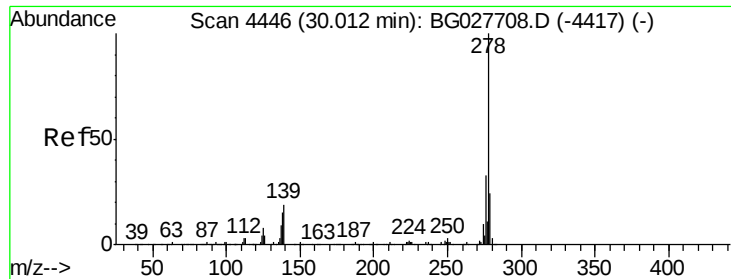
mohammad
7/5/2017 11:32:00 AM



#89
Benzo(a)pyrene
Concen: 46.457 ng
RT: 25.62 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	10.7	5.4	8.0#





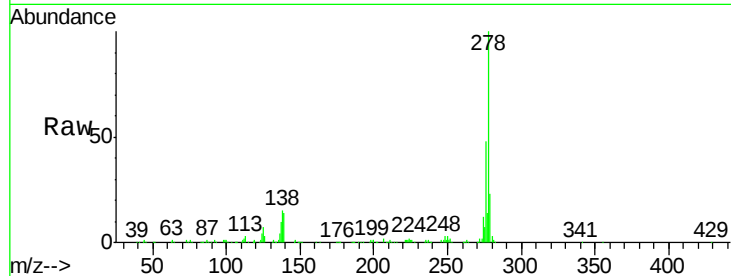
#90
Dibenzo(a,h)anthracene
Concen: 43.974 ng
RT: 30.02 min Scan# 4447
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Instrument :
BNA_G
ClientSampleId :
TP3-MH2095-COMPMSD

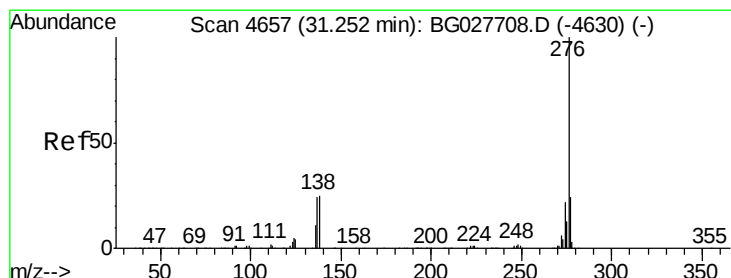
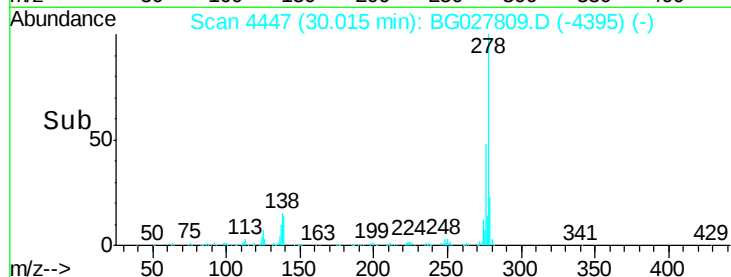
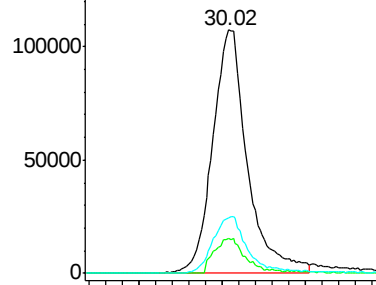
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	7.7	11.5#
279	23.0	19.1	28.7

Manual Integrations
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mohammad
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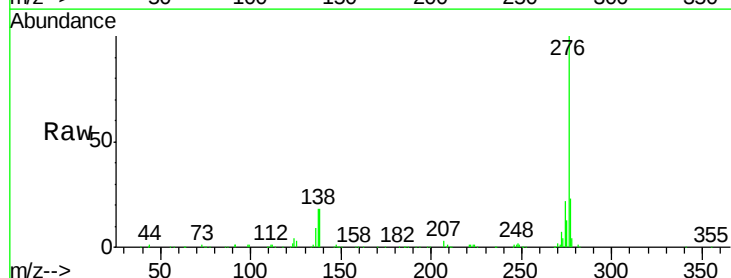


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 43.109 ng
RT: 31.25 min Scan# 4658
Delta R.T. 0.00 min
Lab File: BG027809.D
Acq: 2 Jul 2017 7:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	18.2	8.1	12.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

