

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027430.D
 Acq On : 14 Jun 2017 23:24
 Operator : SJ/MA
 Sample : I3665-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

Manual Integrations
 APPROVED

Quant Time: Jun 15 14:43:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	35808	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	182354	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	133246	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	336510	20.00	ng	0.00
75) Chrysene-d12	22.24	240	393509	20.00	ng	0.00
86) Perylene-d12	25.89	264	375268	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	6.11	112	423396	167.10	ng	0.00
7) Phenol-d6	7.67	99	630722	161.98	ng	0.00
23) Nitrobenzene-d5	9.69	82	364726	101.97	ng	0.00
41) 2,4,6-Tribromophenol	16.60	330	335678	167.85	ng	0.00
44) 2-Fluorobiphenyl	13.74	172	863479	93.62	ng	0.00
78) Terphenyl-d14	20.44	244	1543558	100.54	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	4.11	88	47438	45.19	ng	# 87
3) Pyridine	4.49	79	141843	44.22	ng	# 80
4) n-Nitrosodimethylamine	4.40	42	66094	47.77	ng	# 66
6) Aniline	7.85	93	226857	48.95	ng	95
8) 2-Chlorophenol	8.09	128	144823	54.77	ng	97
9) Benzaldehyde	7.67	77	55680	21.22	ng	94
10) Phenol	7.69	94	244211	60.84	ng	80
11) bis(2-Chloroethyl)ether	7.93	93	149650	47.02	ng	91
12) 1,3-Dichlorobenzene	8.42	146	133690	48.05	ng	94
13) 1,4-Dichlorobenzene	8.56	146	137739	47.63	ng	96
14) 1,2-Dichlorobenzene	8.88	146	132814	46.78	ng	98
15) Benzyl Alcohol	8.75	79	152138	53.96	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.04	45	256138	46.63	ng	95
17) 2-Methylphenol	8.94	107	145611	53.69	ng	# 89
18) Hexachloroethane	9.62	117	49972	47.01	ng	# 82
19) n-Nitroso-di-n-propylamine	9.32	70	141125	47.92	ng	# 86
20) 3+4-Methylphenols	9.26	107	208907	53.53	ng	89
22) Acetophenone	9.34	105	239591	48.97	ng	# 86
24) Nitrobenzene	9.73	77	194386	49.14	ng	# 89
25) Isophorone	10.25	82	402040	51.37	ng	# 96
26) 2-Nitrophenol	10.45	139	78501	50.85	ng	# 83
27) 2,4-Dimethylphenol	10.48	122	183993	58.12	ng	94
28) bis(2-Chloroethoxy)methane	10.72	93	232673	48.76	ng	100
29) 2,4-Dichlorophenol	10.98	162	156983	57.43	ng	97
30) 1,2,4-Trichlorobenzene	11.20	180	136740	48.18	ng	98
31) Naphthalene	11.40	128	474280	47.63	ng	98
33) 4-Chloroaniline	11.49	127	114962	27.39	ng	# 91
34) Hexachlorobutadiene	11.67	225	80844	46.39	ng	96
35) Caprolactam	12.27	113	72975m	60.31	ng	
36) 4-Chloro-3-methylphenol	12.57	107	228621	58.51	ng	94
37) 2-Methylnaphthalene	12.96	142	363211	50.08	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.32	216	179033	45.64	ng	99
40) Hexachlorocyclopentadiene	13.30	237	214646	98.27	ng	96
42) 2,4,6-Trichlorophenol	13.55	196	141809	53.07	ng	95

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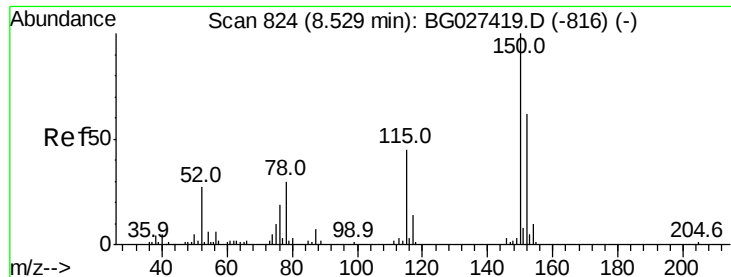
Instrument :
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Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	13.62	196	160994	53.02	nq	95	
45) 1,1'-Biphenyl	13.95	154	503915	47.53	nq	97	
46) 2-Chloronaphthalene	13.99	162	385882	48.12	nq	98	
47) 2-Nitroaniline	14.19	65	177902	56.12	nq	90	
48) Acenaphthylene	14.83	152	660511	47.14	nq	98	
49) Dimethylphthalate	14.55	163	686720	62.06	nq	98	mohammad
50) 2,6-Dinitrotoluene	14.67	165	125978	55.23	nq	87	
51) Acenaphthene	15.18	154	439003	47.00	nq	98	
52) 3-Nitroaniline	15.00	138	102906	40.85	nq	96	
53) 2,4-Dinitrophenol	15.20	184	55423	42.21	nq	85	
54) Dibenzofuran	15.50	168	665008	52.24	nq	93	6/15/2017 3:57:26 PM
55) 4-Nitrophenol	15.29	139	228446	114.55	nq	#	60
56) 2,4-Dinitrotoluene	15.46	165	179971	55.40	nq	#	92
57) Fluorene	16.16	166	555068	48.49	nq		97
58) 2,3,4,6-Tetrachlorophenol	15.72	232	157293	59.28	nq		97
59) Diethylphthalate	15.90	149	610156	53.66	nq		97
60) 4-Chlorophenyl-phenylether	16.13	204	286268	49.60	nq		97
61) 4-Nitroaniline	16.17	138	144777	56.14	nq	#	69
62) Azobenzene	16.43	77	645936	55.17	nq		90
64) 4,6-Dinitro-2-methylphenol	16.22	198	85790	43.97	nq		89
65) n-Nitrosodiphenylamine	16.35	169	516667	49.18	nq		99
66) 4-Bromophenyl-phenylether	17.03	248	196847	49.18	nq		95
67) Hexachlorobenzene	17.16	284	208573	47.11	nq		91
68) Atrazine	17.28	200	185901	51.02	nq		96
69) Pentachlorophenol	17.50	266	241166	94.75	nq		97
70) Phenanthrene	17.90	178	916673	48.80	nq		96
71) Anthracene	18.00	178	926589	48.78	nq		99
72) Carbazole	18.26	167	824298	45.31	nq		97
73) Di-n-butylphthalate	18.78	149	1013698	51.12	nq	#	94
74) Fluoranthene	19.89	202	1043513	48.26	nq		93
76) Benzidine	20.06	184	662121	76.74	nq		98
77) Pyrene	20.26	202	1068644	49.25	nq		97
79) Butylbenzylphthalate	21.13	149	482980	53.46	nq		96
80) Benzo(a)anthracene	22.21	228	1112639	49.19	nq		95
81) 3,3'-Dichlorobenzidine	22.11	252	316300	36.83	nq	#	98
82) Chrysene	22.29	228	1045645	48.36	nq		96
83) Bis(2-ethylhexyl)phthalate	22.07	149	690684	52.80	nq		99
84) Di-n-octyl phthalate	23.44	149	1189019	54.23	nq	#	91
85) Indeno(1,2,3-cd)pyrene	30.10	276	1339760	50.08	nq	#	89
87) Benzo(b)fluoranthene	24.72	252	1124967	47.31	nq	#	97
88) Benzo(k)fluoranthene	24.81	252	1127032	48.18	nq	#	93
89) Benzo(a)pyrene	25.72	252	1097189	49.22	nq	#	94
90) Dibenzo(a,h)anthracene	30.19	278	1145877	47.80	nq	#	94
91) Benzo(q,h,i)perylene	31.43	276	1092958	47.79	nq	#	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.53 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

HA3-WC2MS

Tot Ion:152 Resp: 35808

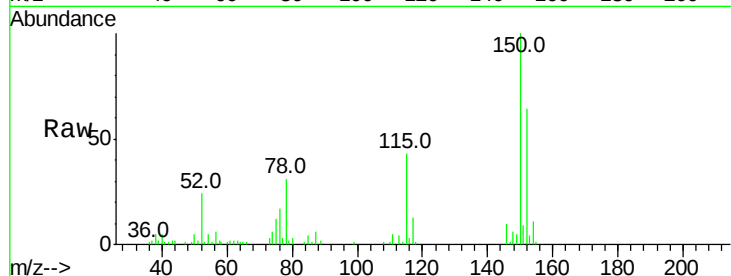
Ion Ratio Lower Upper

152 100

150 157.2 114.0 171.0

115 67.2 48.1 72.1

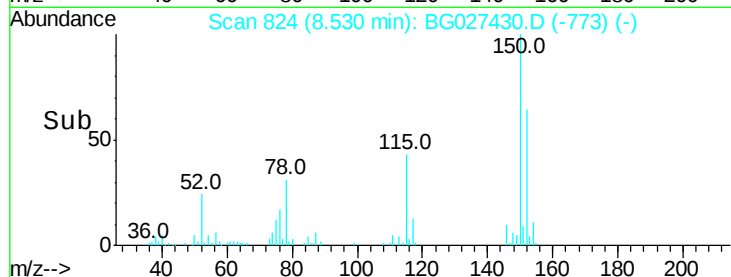
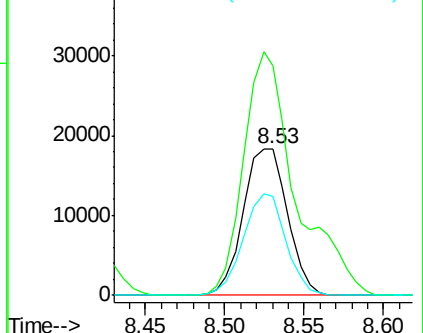
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Abundance Ion 152.00 (151.70 to 152.70): E

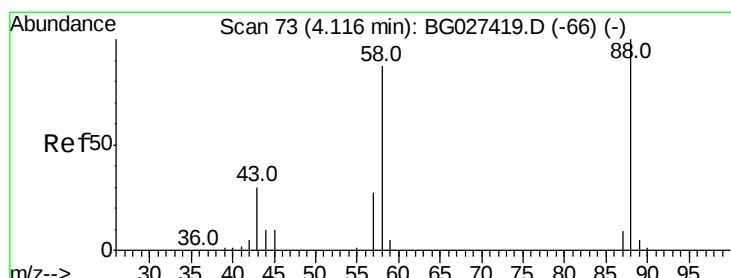
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 45.19 ng

RT: 4.11 min Scan# 72

Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

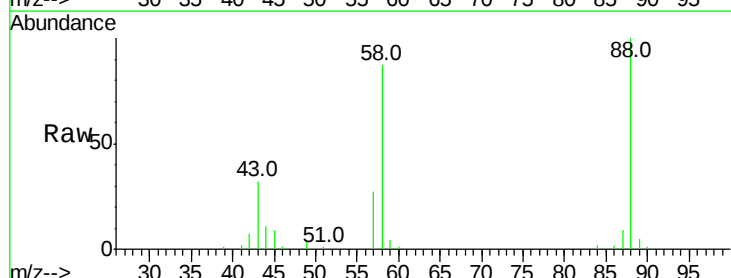
Tgt Ion: 88 Resp: 47438

Ion Ratio Lower Upper

88 100

58 89.3 79.4 119.2

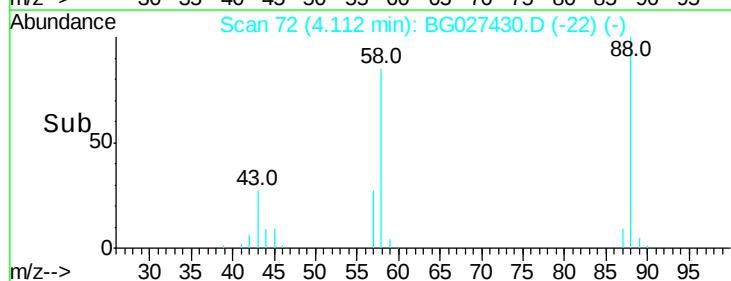
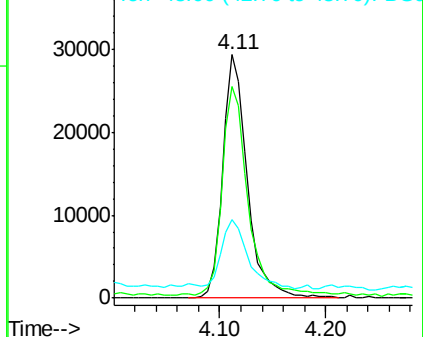
43 30.3 33.8 50.6#

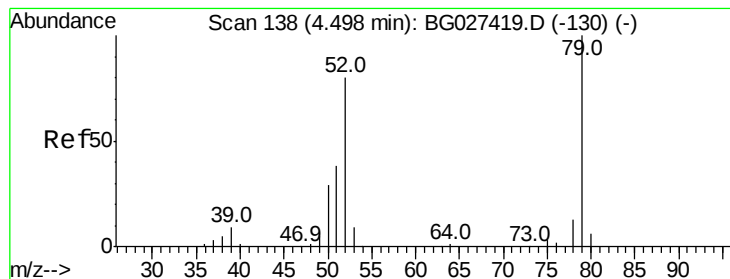


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.22 ng

RT: 4.49 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

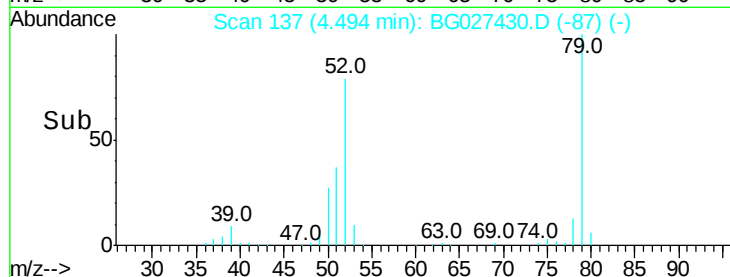
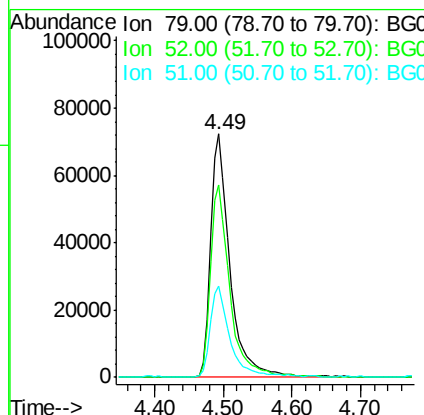
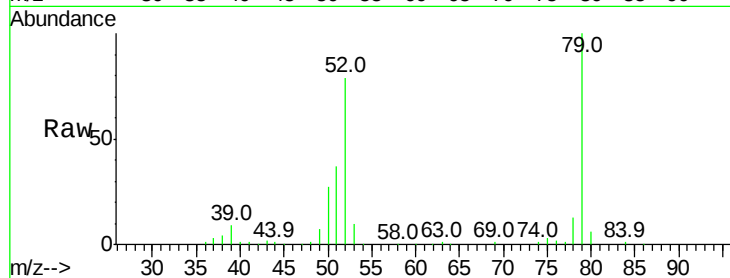
BNA_G

ClientSampleId :

HA3-WC2MS

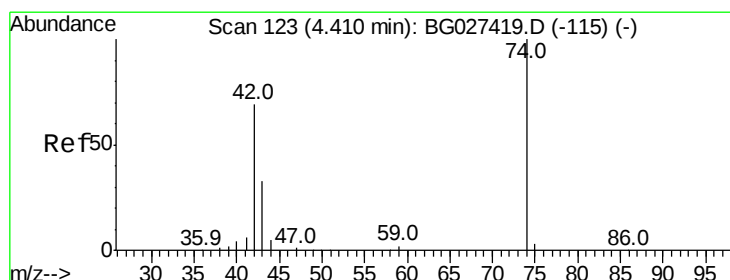
Tot Ion:	79	Resp:	141843
Ion	Ratio	Lower	Upper
79	100		
52	79.2	77.8	116.6
51	37.3	43.2	64.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.77 ng

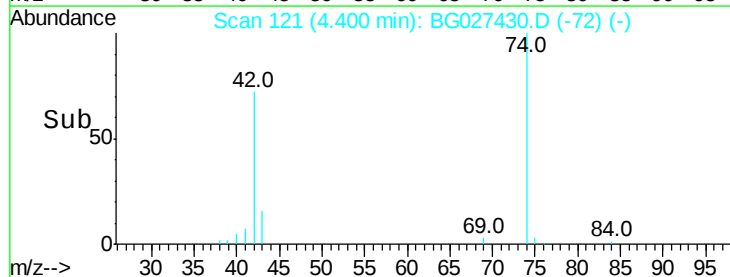
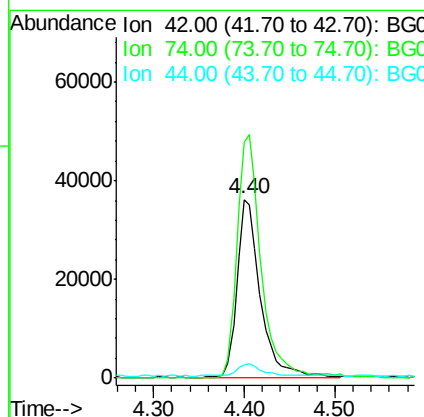
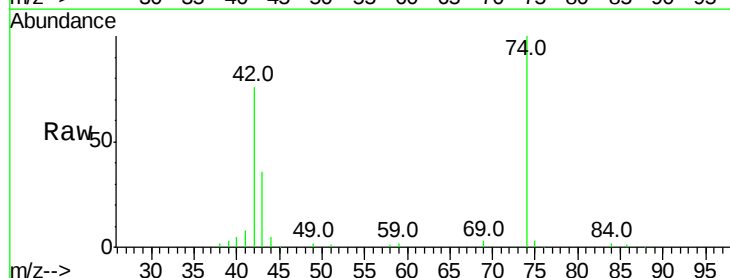
RT: 4.40 min Scan# 121

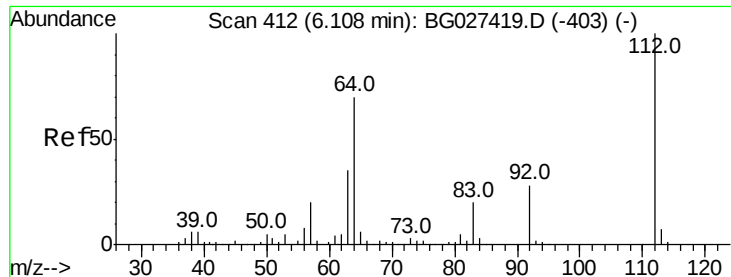
Delta R.T. -0.01 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Tgt Ion:	42	Resp:	66094
Ion	Ratio	Lower	Upper
42	100		
74	132.1	76.7	115.1#
44	7.1	6.1	9.1



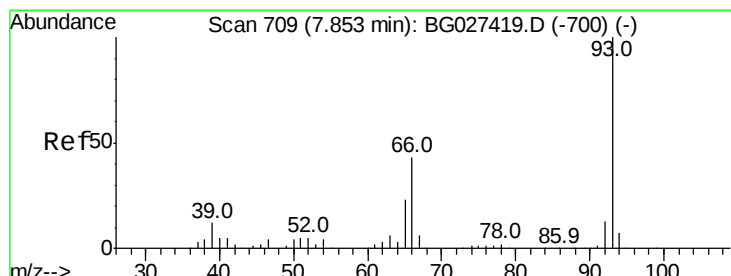
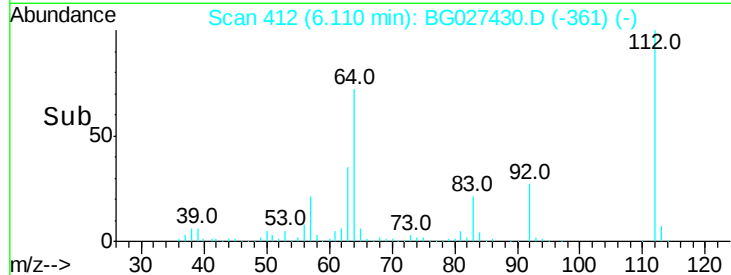
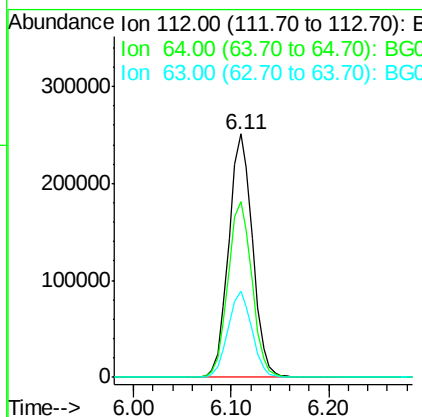
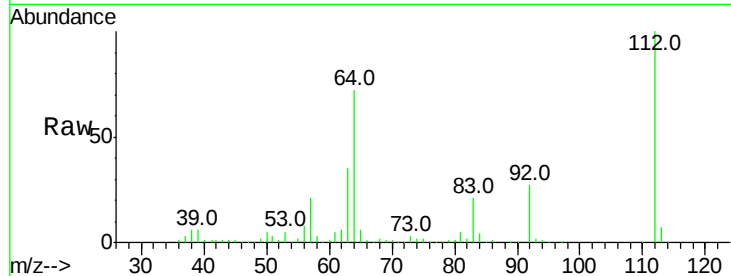


#5
 2-Fluorophenol
 Concen: 167.10 ng
 RT: 6.11 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
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 ClientSampleId :
 HA3-WC2MS

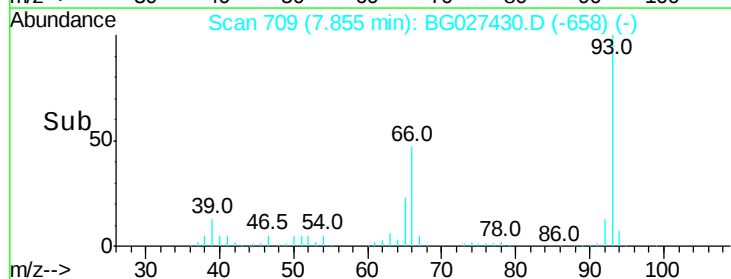
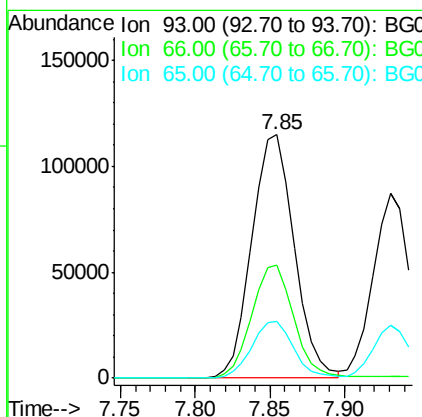
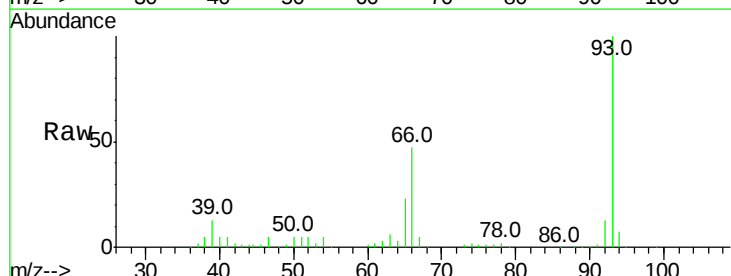
Tot Ion:	112	Resp:	423396
Ion Ratio	Lower	Upper	
112	100		
64	72.2	61.8	92.6
63	35.4	37.2	55.8

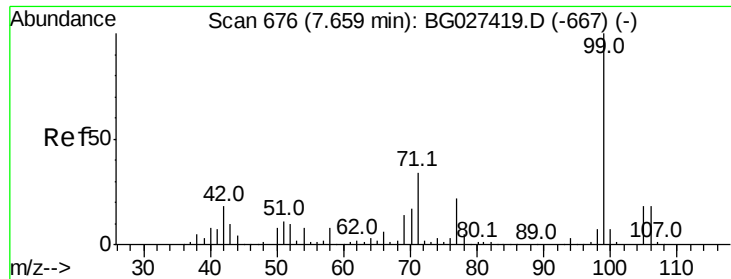
Manual Integrations
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#6
 Aniline
 Concen: 48.95 ng
 RT: 7.85 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion:	93	Resp:	226857
Ion Ratio	Lower	Upper	
93	100		
66	46.6	35.4	53.2
65	23.2	21.2	31.8





#7

Phenol-d6

Concen: 161.98 ng

RT: 7.67 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

HA3-WC2MS

Tot Ion: 99 Resp: 630722

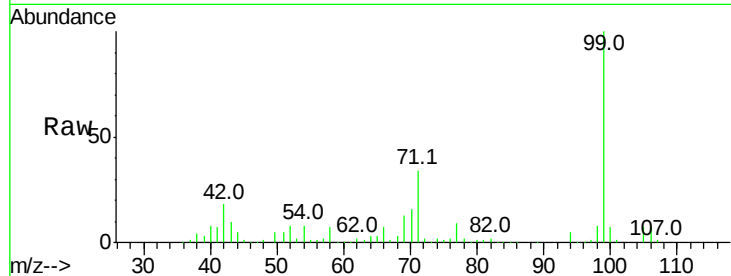
Ion Ratio Lower Upper

99 100

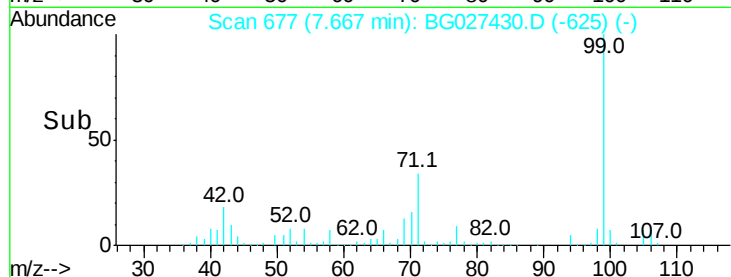
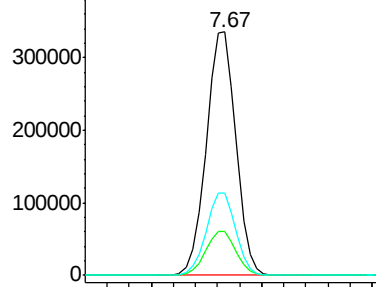
42 17.9 20.5 30.7#

71 34.0 37.6 56.4#

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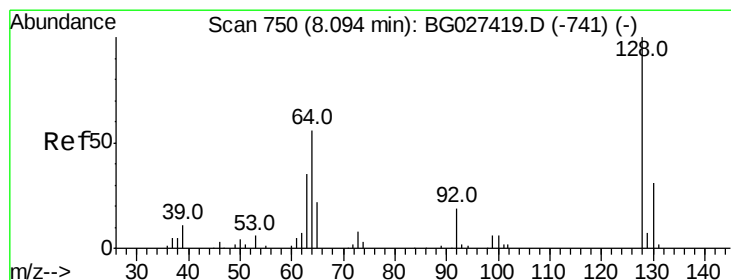


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 54.77 ng

RT: 8.09 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

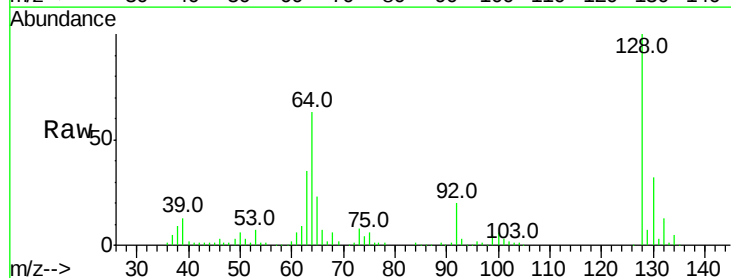
Tgt Ion: 128 Resp: 144823

Ion Ratio Lower Upper

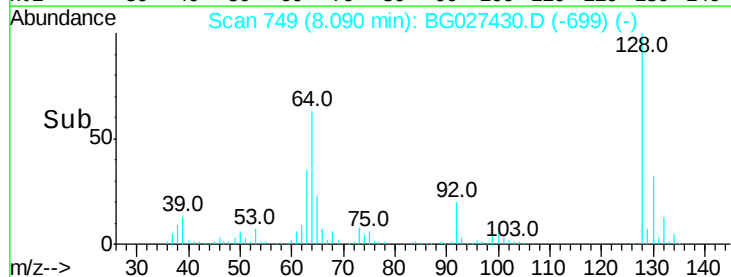
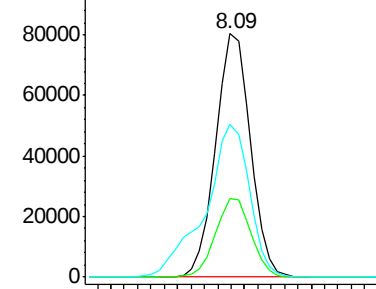
128 100

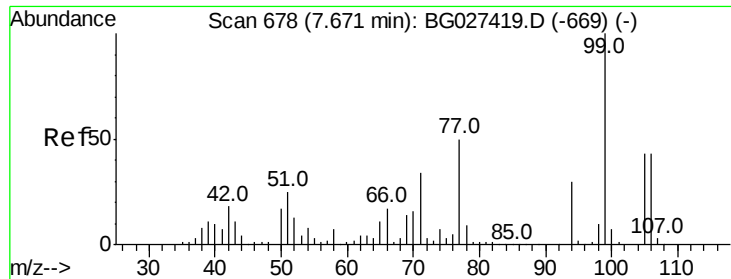
130 32.1 11.4 51.4

64 62.9 46.6 86.6



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



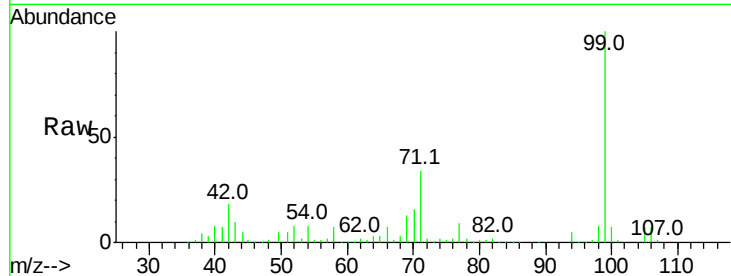


#9
Benzaldehyde
Concen: 21.22 ng
RT: 7.67 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

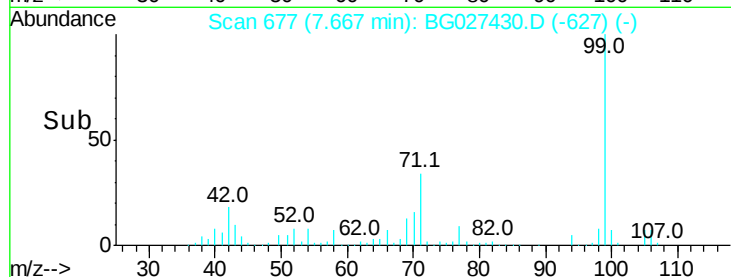
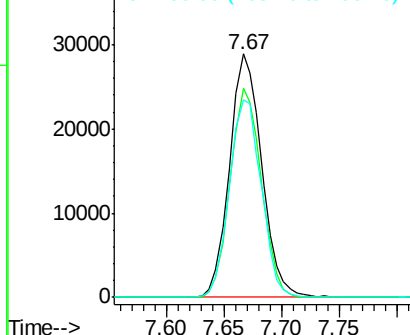
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.9	60.9	100.9
106	81.2	55.1	95.1

Manual Integrations
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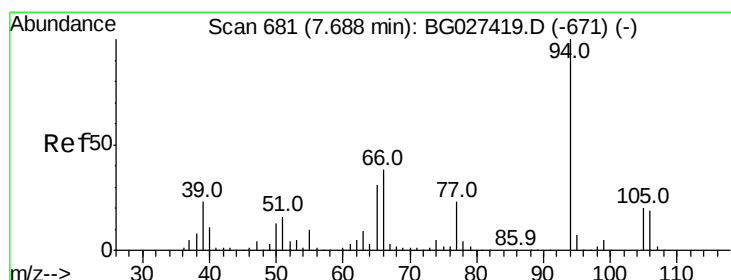


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



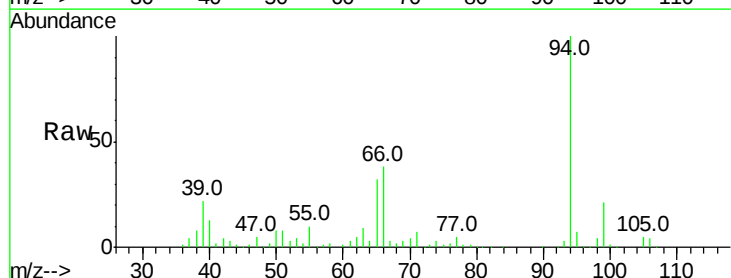
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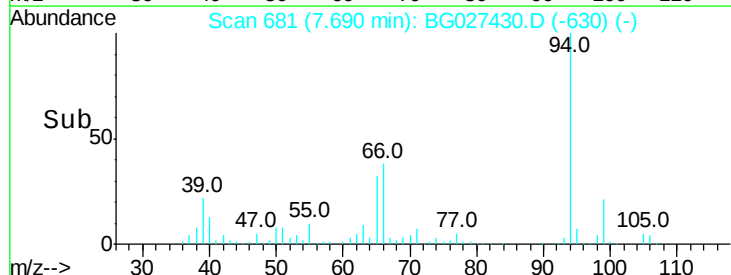
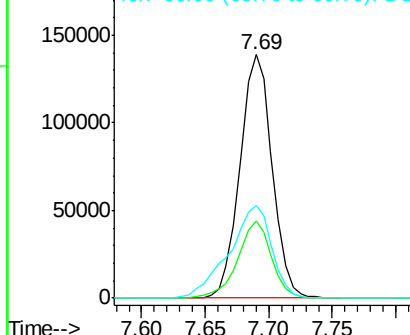


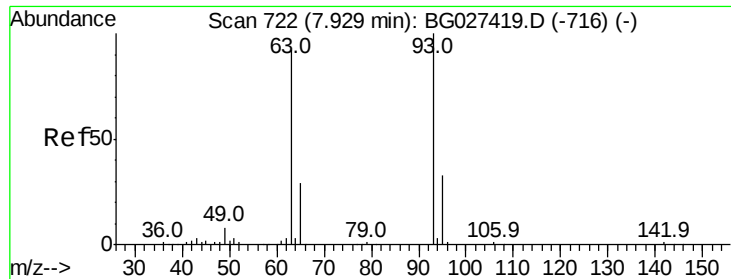
#10
Phenol
Concen: 60.84 ng
RT: 7.69 min Scan# 681
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	20.6	60.6
66	38.2	35.5	75.5



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



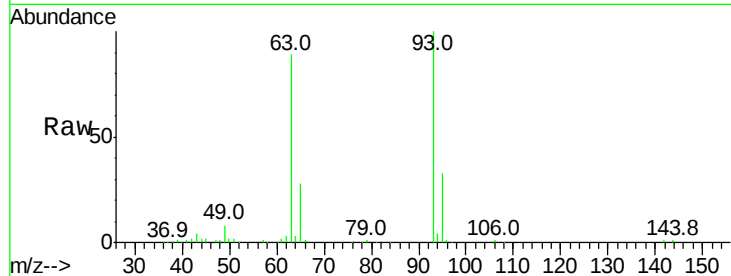


#11
bis(2-Chloroethyl)ether
Concen: 47.02 ng
RT: 7.93 min Scan# 722
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	78.5	118.5
95	33.4	9.8	49.8

Manual Integrations
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Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

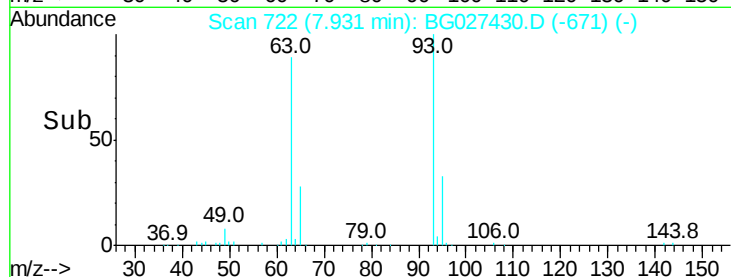
150000

100000

50000

0

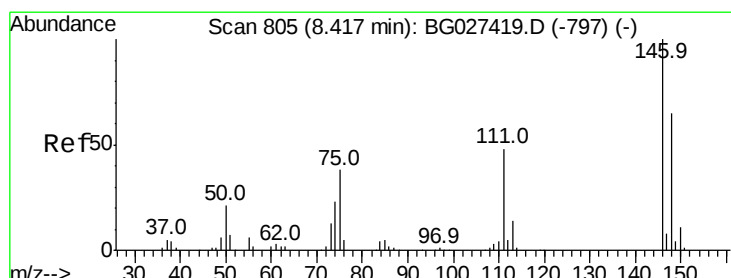
7.85 7.90 7.95 8.00 8.05



Time-->

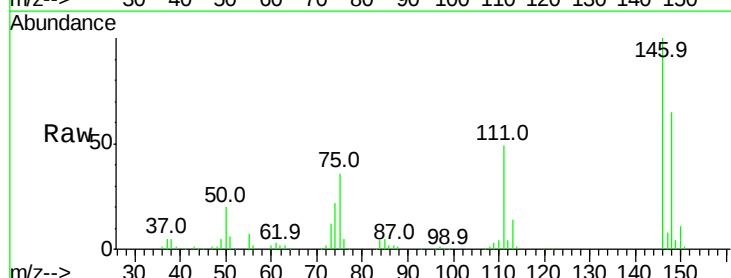
mohammad

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#12
1,3-Dichlorobenzene
Concen: 48.05 ng
RT: 8.42 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.2	73.8
75	36.2	33.4	50.2



Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

100000

80000

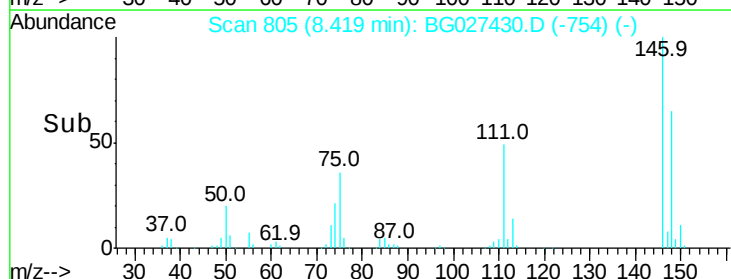
60000

40000

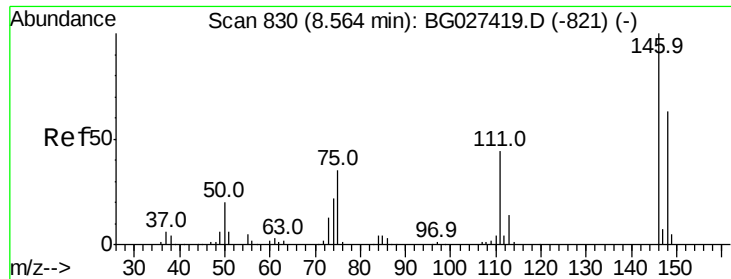
20000

0

8.35 8.40 8.45 8.50



Time-->

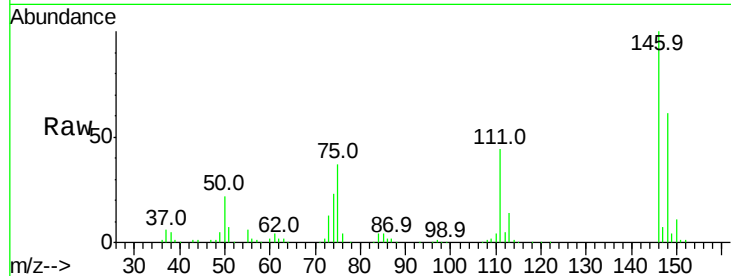


#13
 1,4-Dichlorobenzene
 Concen: 47.63 ng
 RT: 8.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampled :
 HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.2	78.2
111	44.4	37.0	55.6

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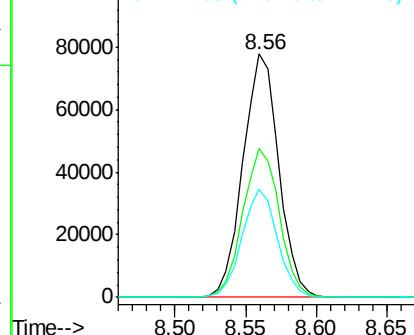


Abundance

Ion 146.00 (145.70 to 146.70): E

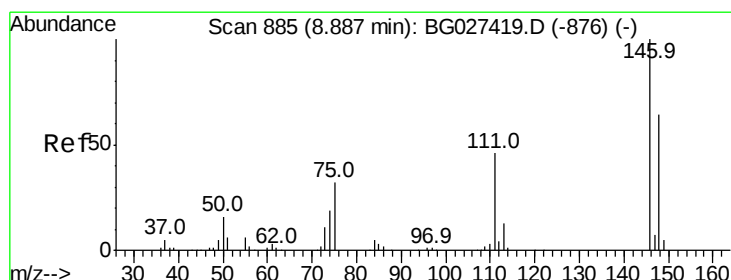
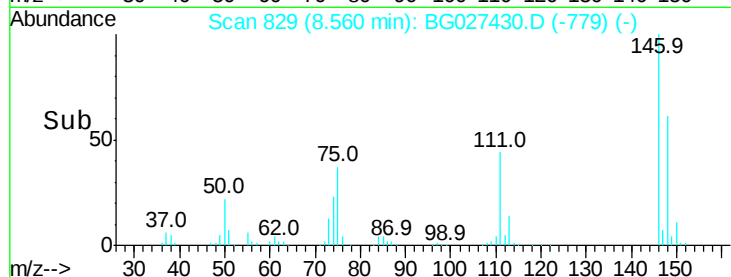
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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#14
 1,2-Dichlorobenzene
 Concen: 46.78 ng
 RT: 8.88 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

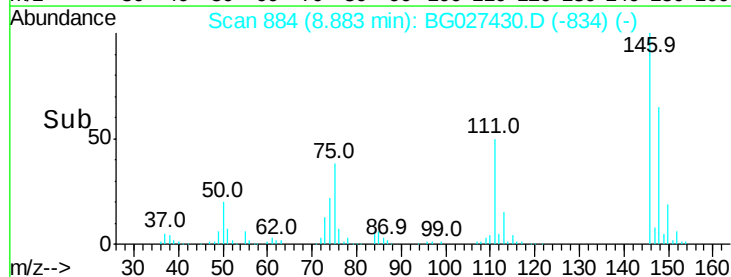
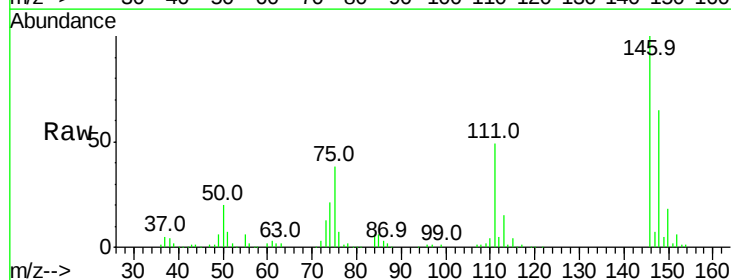
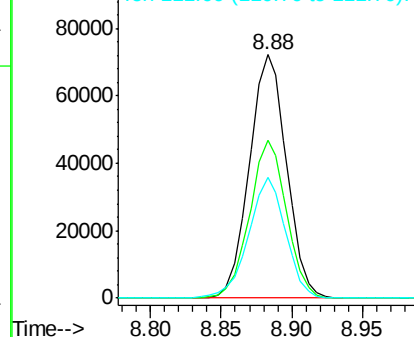
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	54.6	81.8
111	49.4	39.7	59.5

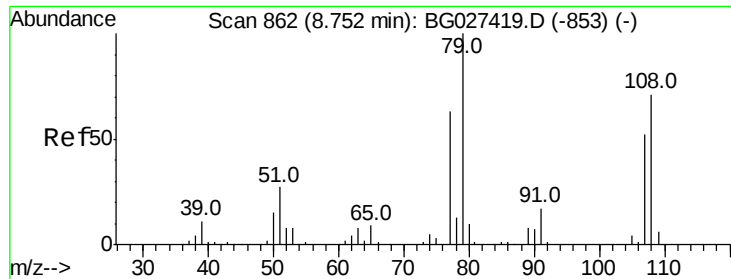
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.96 ng

RT: 8.75 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

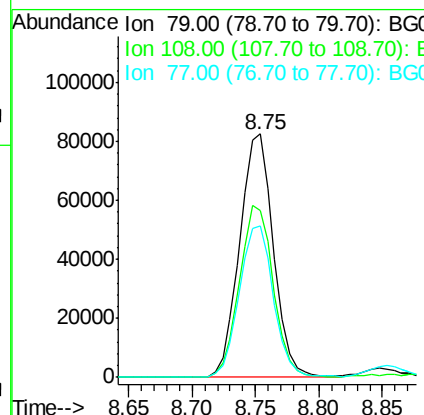
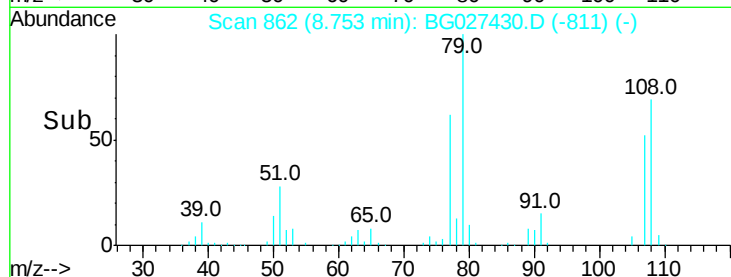
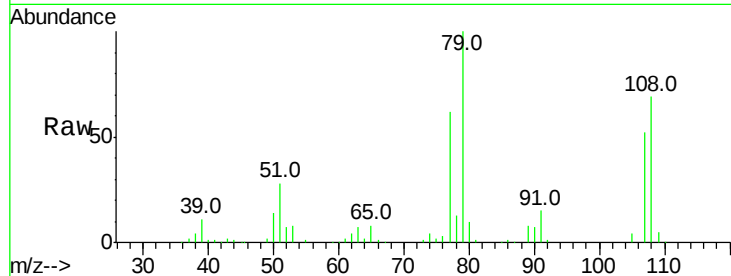
BNA_G

ClientSampleId :

HA3-WC2MS

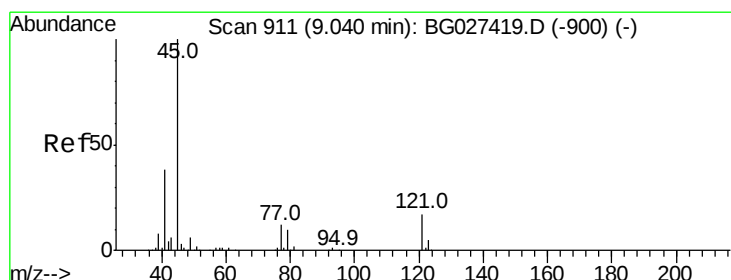
Tot Ion:	79	Resp:	152138
Ion Ratio	Lower	Upper	
79	100		
108	68.6	45.5	68.3#
77	62.5	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.63 ng

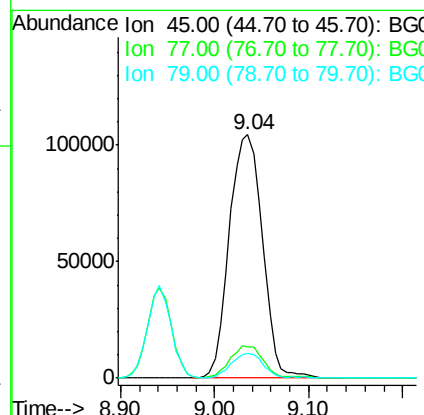
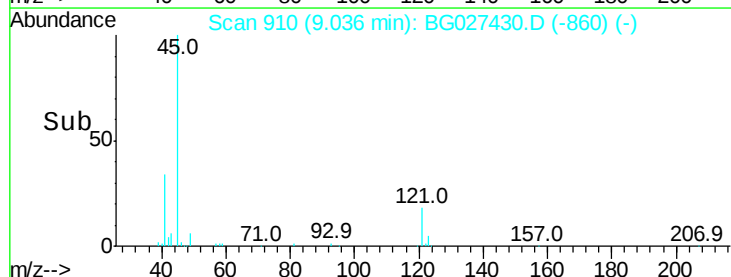
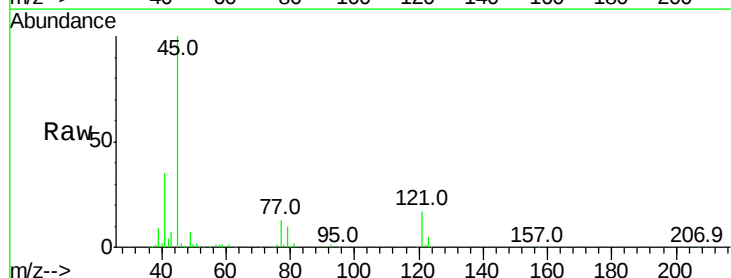
RT: 9.04 min Scan# 910

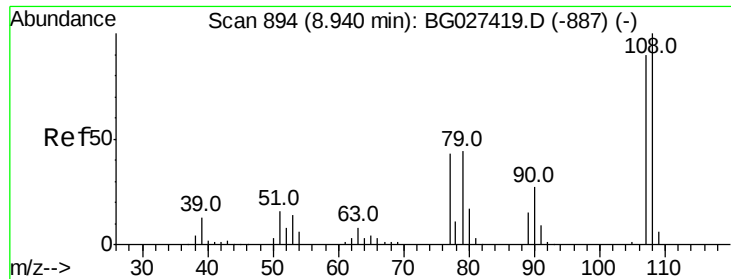
Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Tgt Ion:	45	Resp:	256138
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.6
79	10.2	0.0	28.5



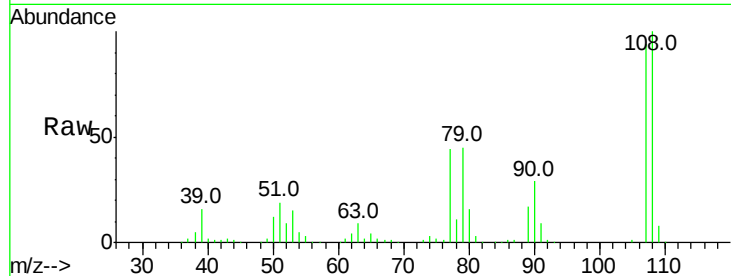


#17
2-Methylphenol
Concen: 53.69 ng
RT: 8.94 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	145611		
108	106.1	85.6	128.4	
77	47.0	51.4	77.2#	
79	48.3	49.2	73.8#	

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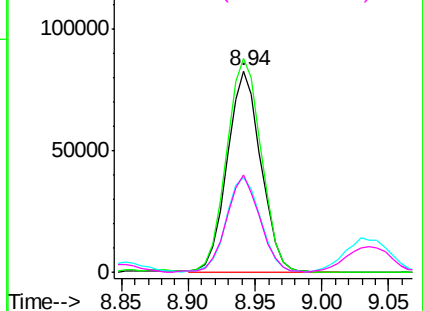
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

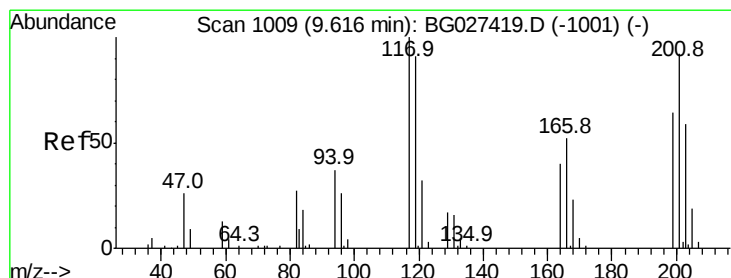
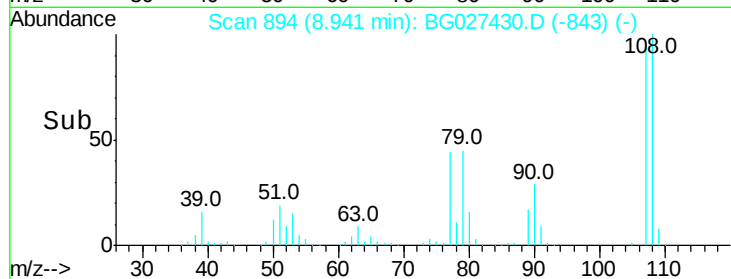
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



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#18
Hexachloroethane
Concen: 47.01 ng
RT: 9.62 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

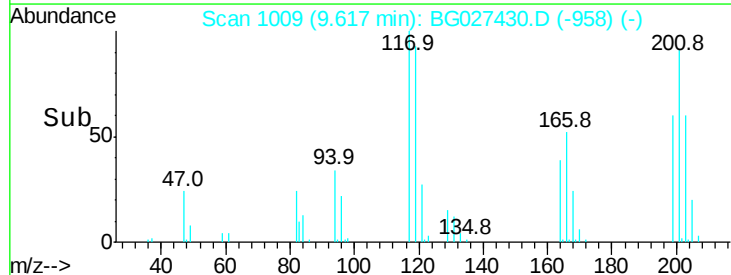
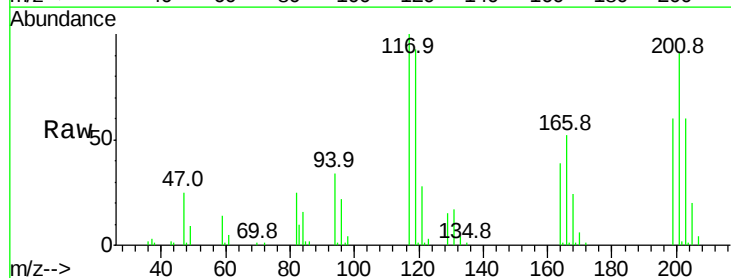
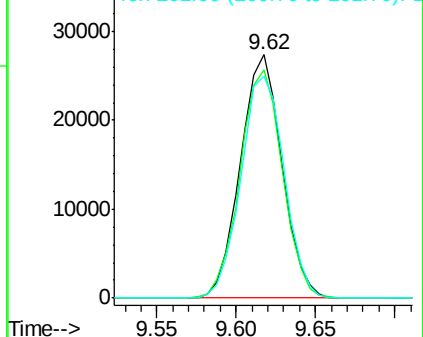
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49972		
119	93.5	69.8	104.6	
201	91.0	95.4	143.0#	

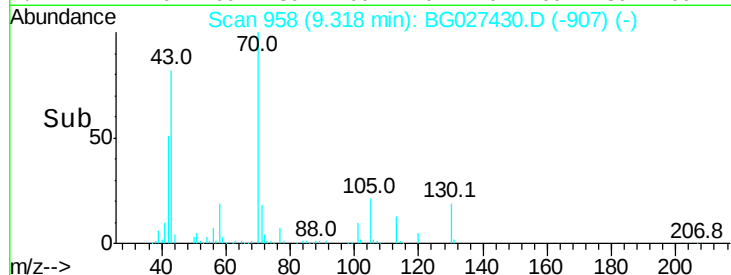
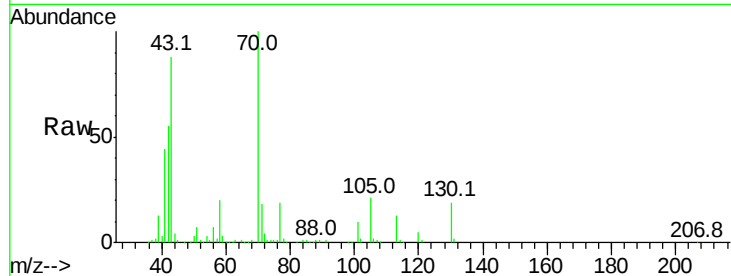
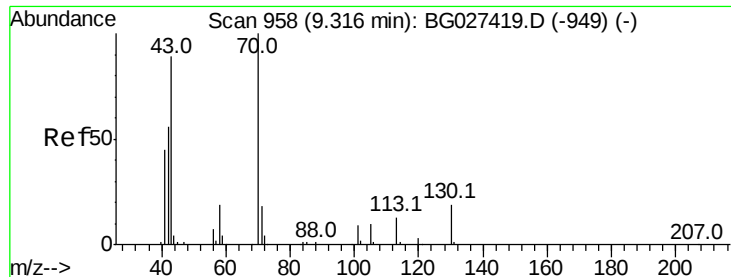
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

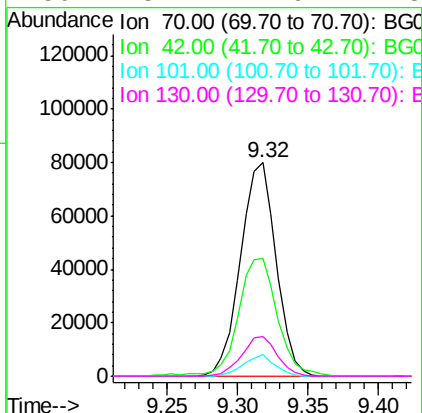
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 47.92 ng
RT: 9.32 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		141125		
42	54.9	56.1	84.1#		
101	10.0	7.5	11.3		
130	18.7	14.6	21.8		

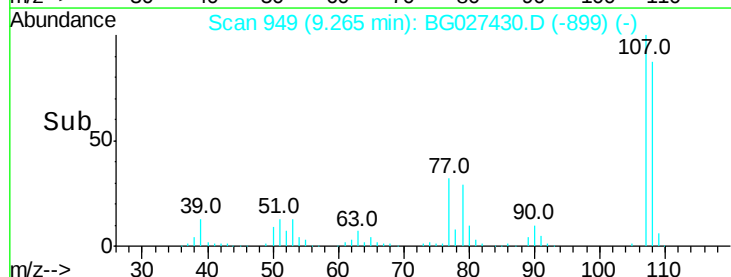
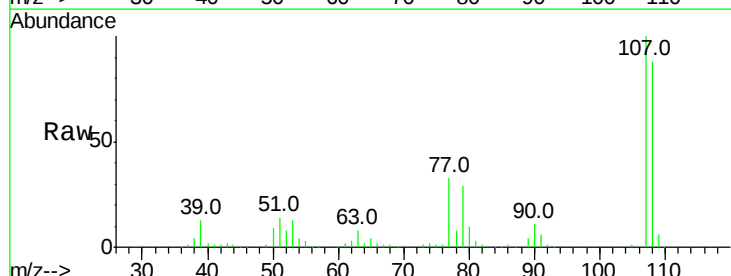
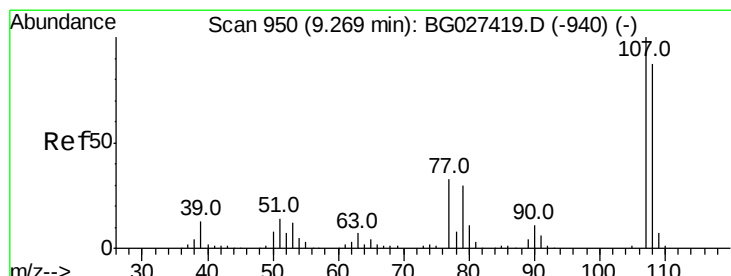


Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

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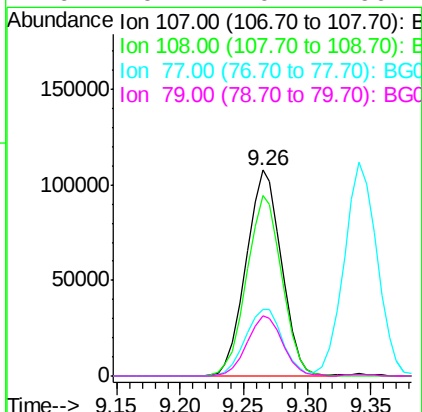
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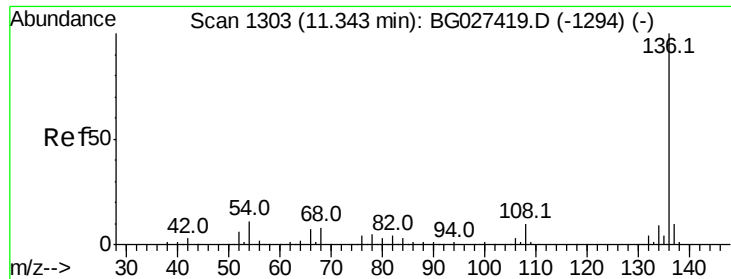
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#20
3+4-Methylphenols
Concen: 53.53 ng
RT: 9.26 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		208907		
108	87.6	70.8	110.8		
77	32.5	25.8	65.8		
79	29.4	20.1	60.1		



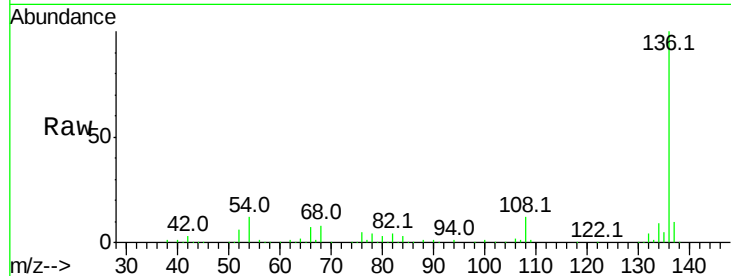


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

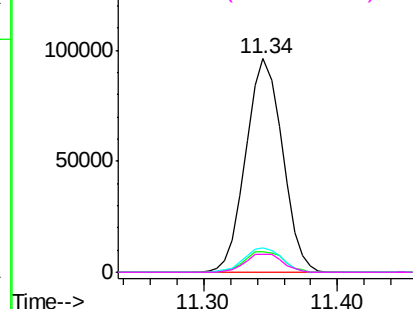
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	182354		
137	9.6	8.9	13.3	
54	11.5	9.3	13.9	
68	8.3	5.1	7.7	

Manual Integrations
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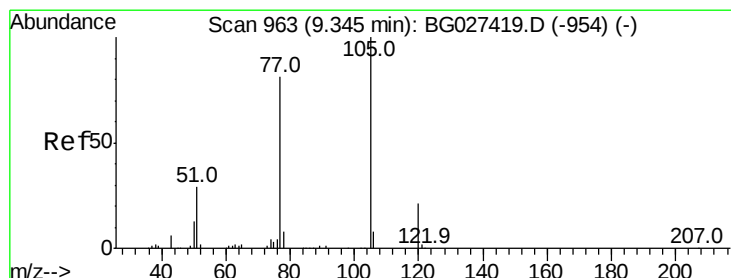
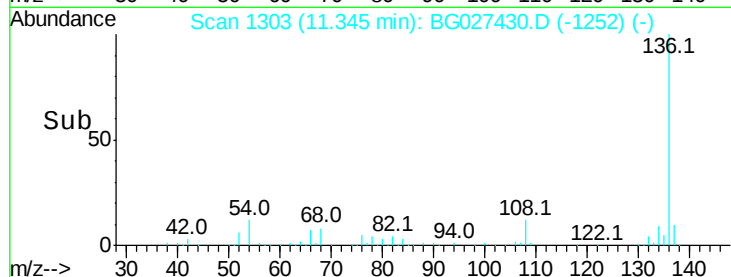


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



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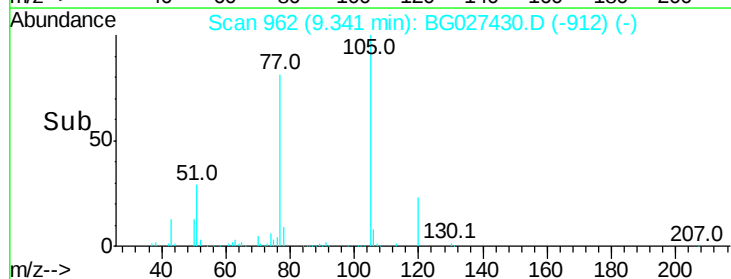
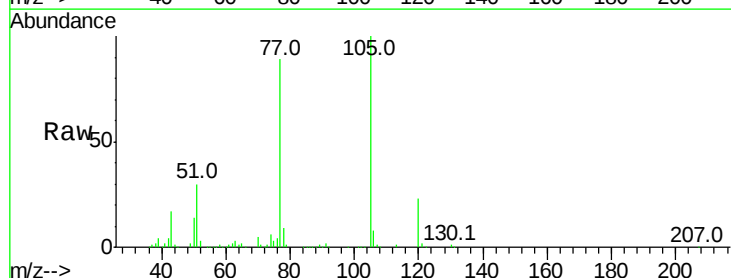
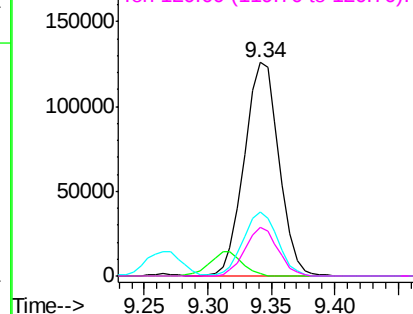
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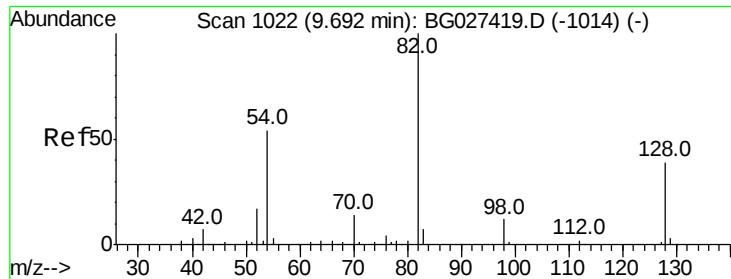


#22
Acetophenone
Concen: 48.97 ng
RT: 9.34 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239591		
71	1.0	0.9	1.3	
51	30.2	34.0	51.0	
120	23.1	17.3	25.9	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E



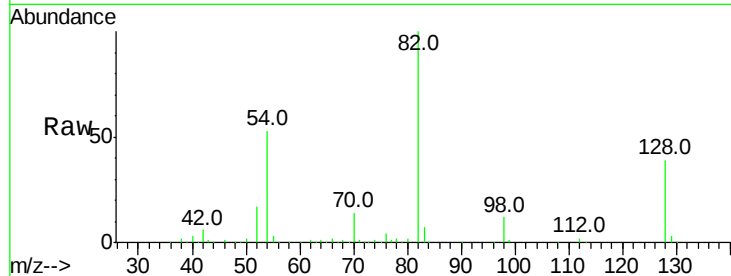


#23
Nitrobenzene-d5
Concen: 101.97 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

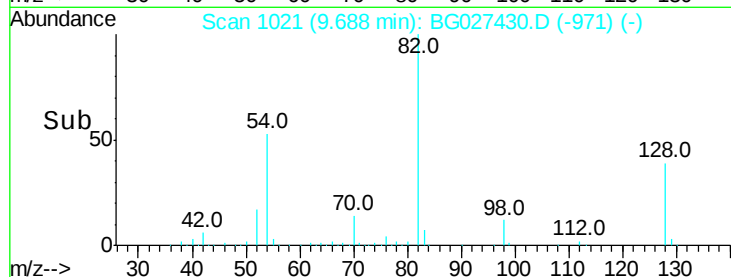
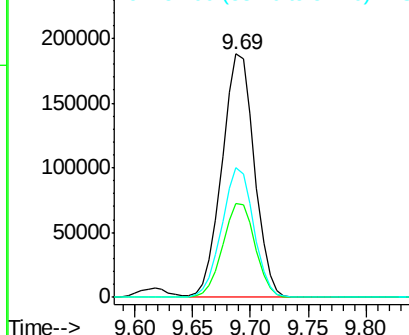
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	53.4	49.4	74.2

Manual Integrations
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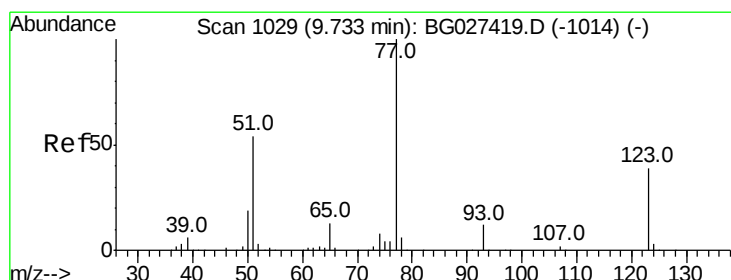


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



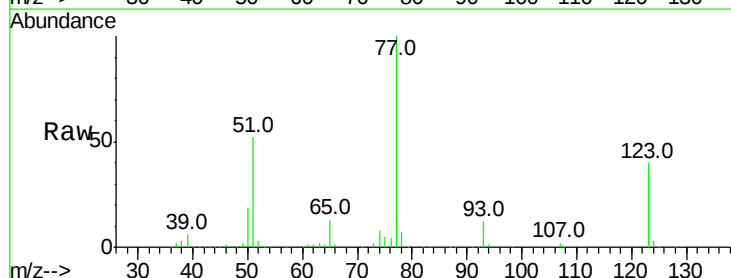
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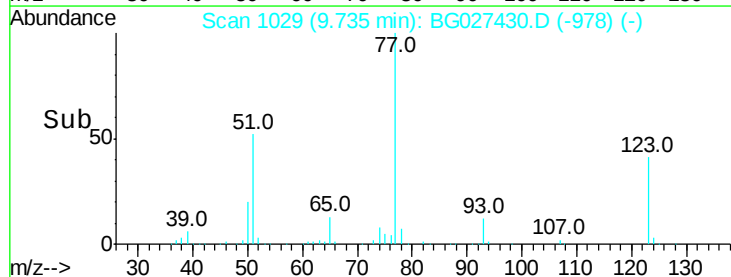
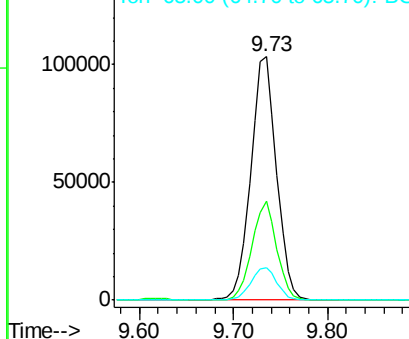


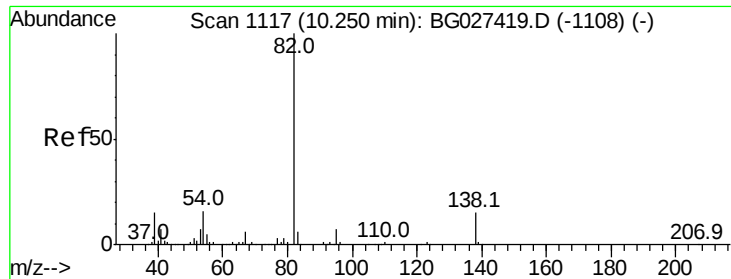
#24
Nitrobenzene
Concen: 49.14 ng
RT: 9.73 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	26.1	39.1#
65	13.4	12.4	18.6



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





#25

Isophorone

Concen: 51.37 ng

RT: 10.25 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

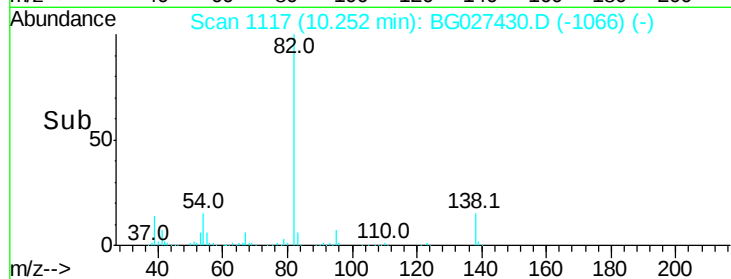
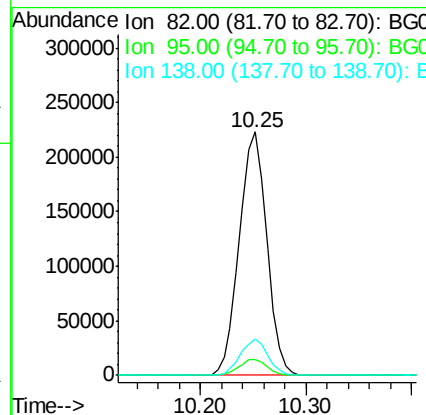
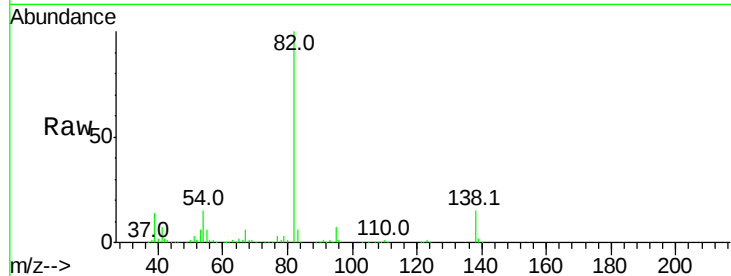
BNA_G

ClientSampleId :

HA3-WC2MS

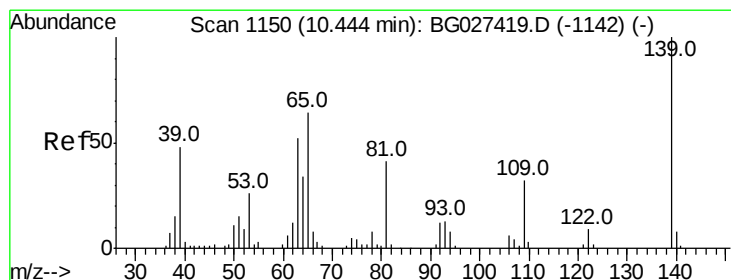
Tot Ion	82	95	138
Ion	82	95	138
Ratio	100	6.5	15.0
Lower		7.5	12.3
Upper		11.3#	18.5

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#26

2-Nitrophenol

Concen: 50.85 ng

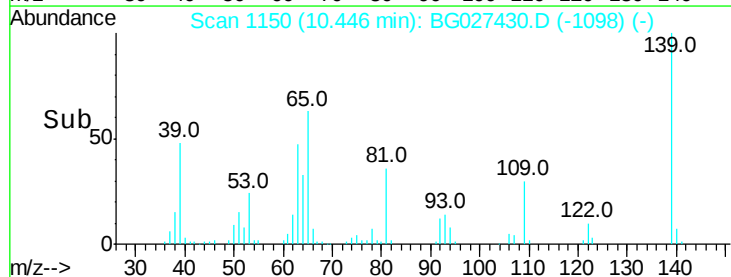
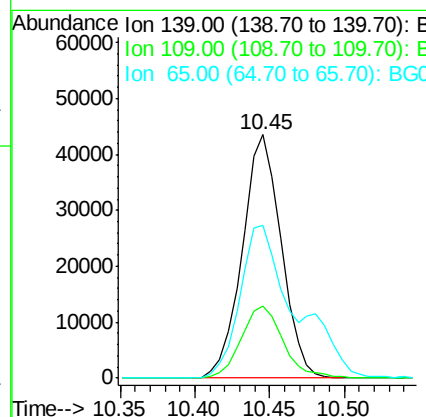
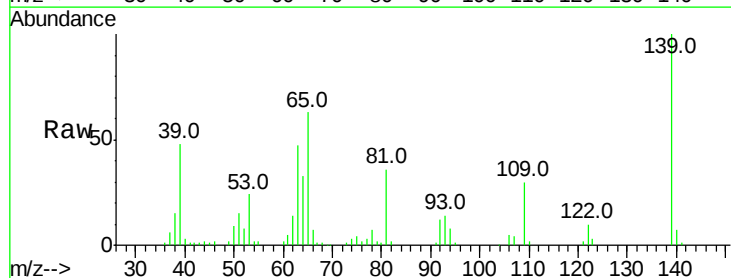
RT: 10.45 min Scan# 1150

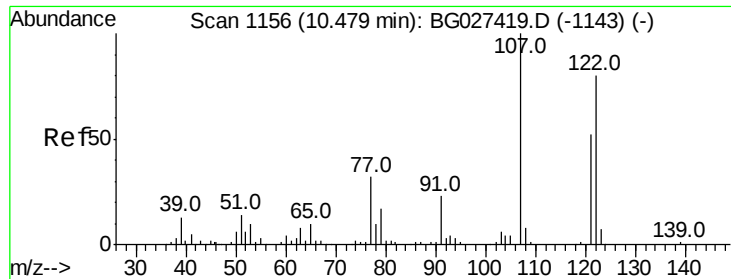
Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Tgt Ion	139	109	65
Ion	139	109	65
Ratio	100	29.9	62.9
Lower		38.6	57.1
Upper		58.0#	85.7



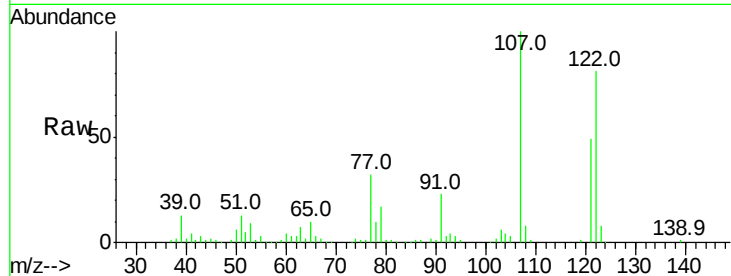


#27
2,4-Dimethylphenol
Concen: 58.12 ng
RT: 10.48 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.7	104.2	156.4
121	60.0	46.0	69.0

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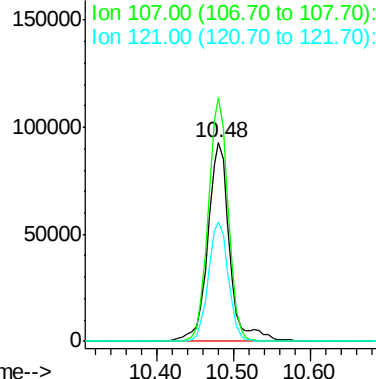


Abundance

Ion 122.00 (121.70 to 122.70): E

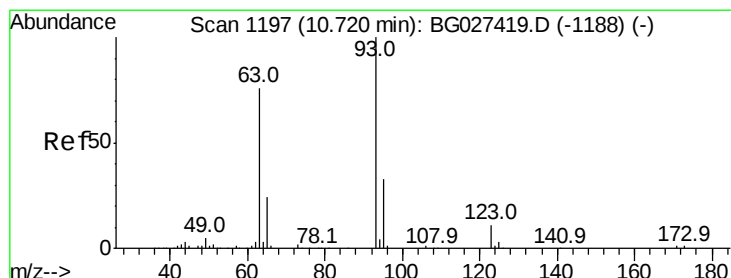
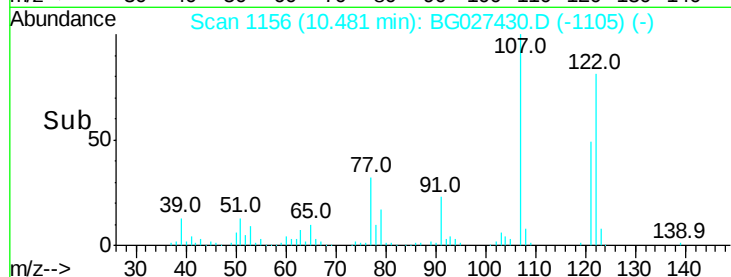
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



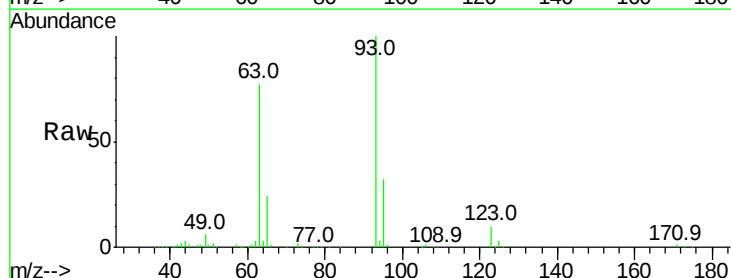
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#28
bis(2-Chloroethoxy)methane
Concen: 48.76 ng
RT: 10.72 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	10.4	8.3	12.5

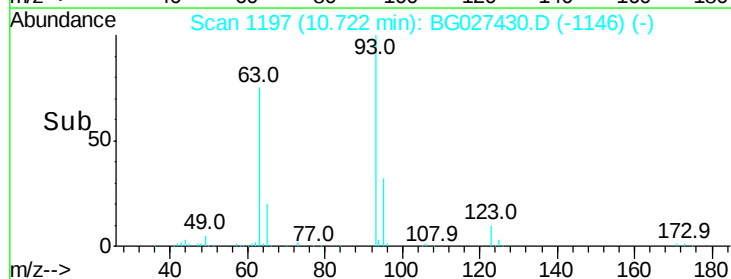
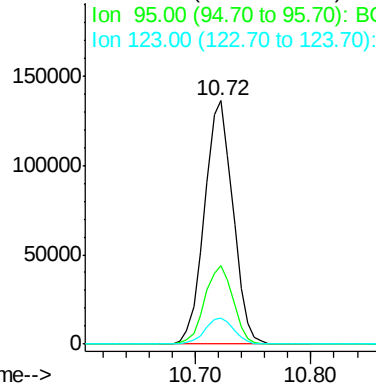


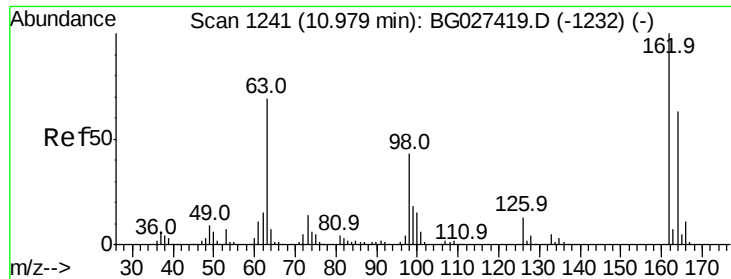
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



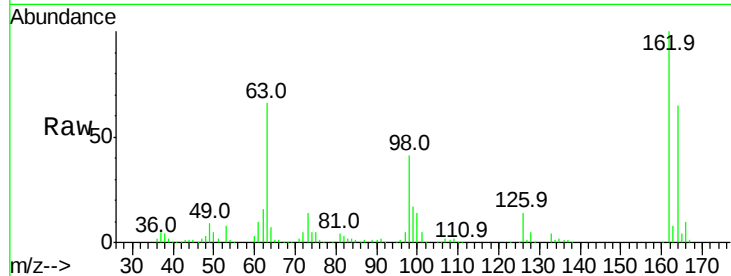


#29
 2,4-Dichlorophenol
 Concen: 57.43 ng
 RT: 10.98 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

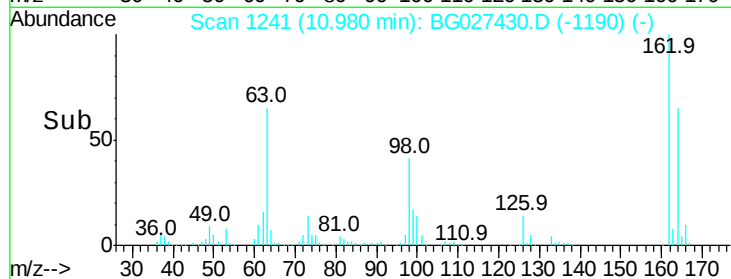
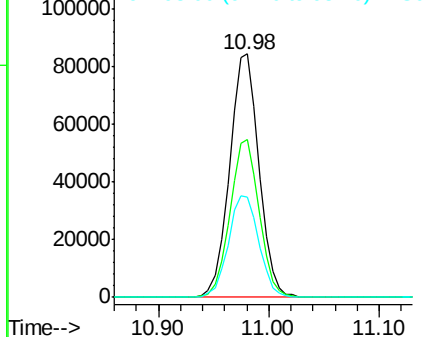
Instrument :
 BNA_G
 ClientSampled :
 HA3-WC2MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	156983		
164	65.1	42.4	82.4	
98	41.0	20.3	60.3	

Manual Integrations
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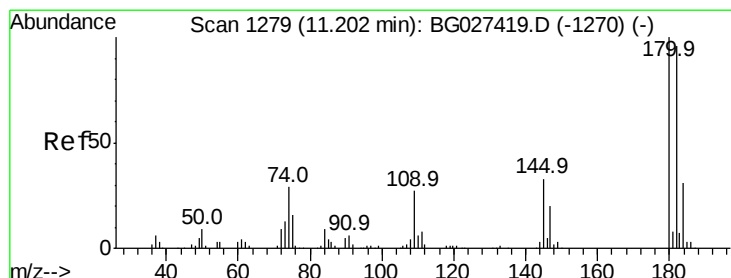


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B



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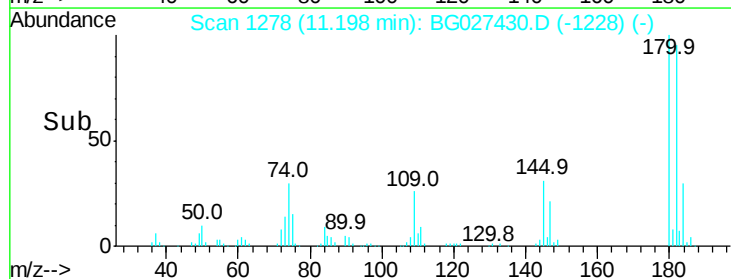
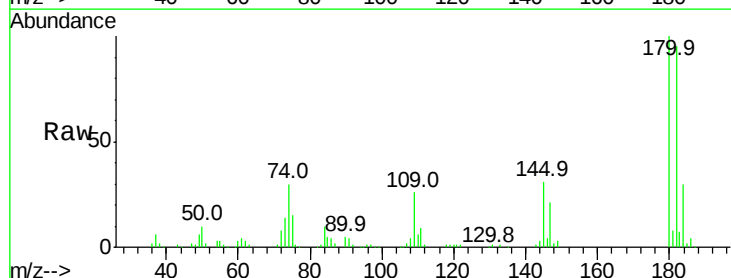
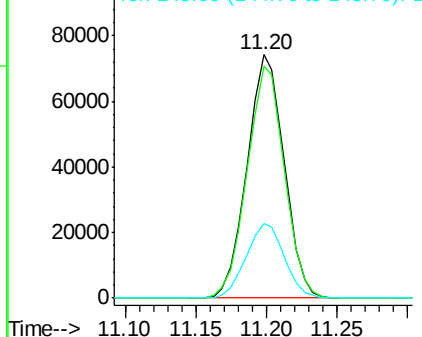
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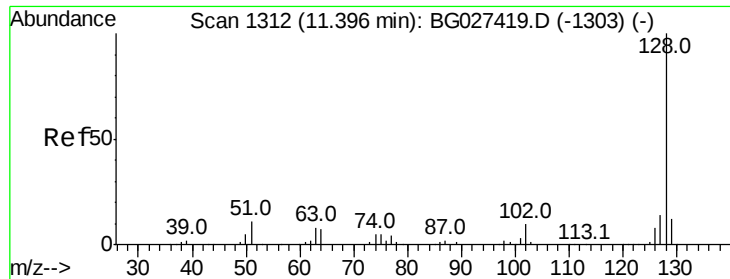


#30
 1,2,4-Trichlorobenzene
 Concen: 48.18 ng
 RT: 11.20 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136740		
182	95.1	77.0	115.4	
145	30.8	23.4	35.0	

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



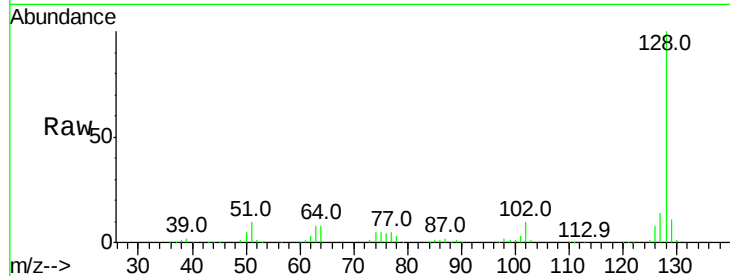


#31
Naphthalene
Concen: 47.63 ng
RT: 11.40 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.3	13.9
127	13.5	11.4	17.0

Manual Integrations
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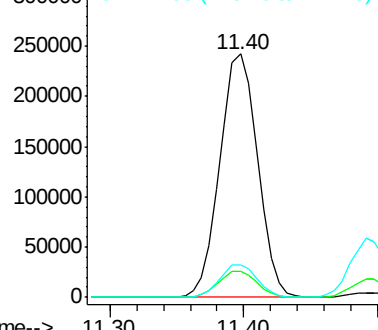


Abundance

Ion 128.00 (127.70 to 128.70): E

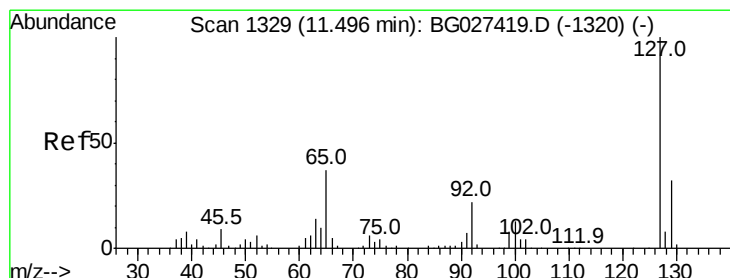
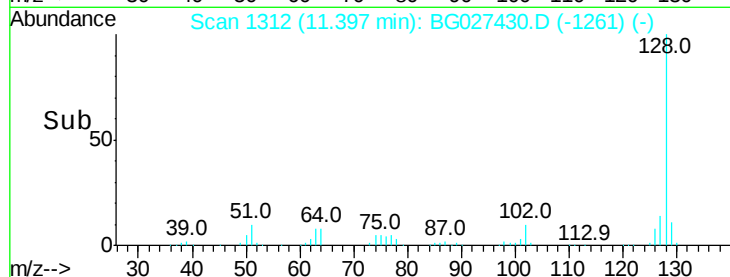
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#33
4-Chloroaniline
Concen: 27.39 ng
RT: 11.49 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	23.6	35.4
65	37.3	37.7	56.5#
92	20.7	17.6	26.4

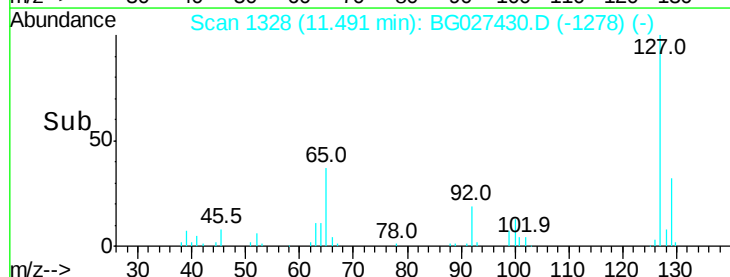
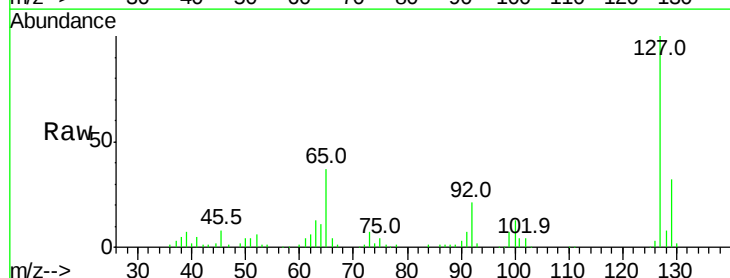
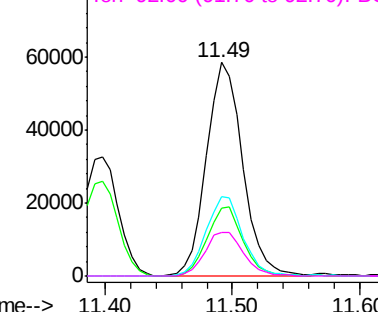
Abundance

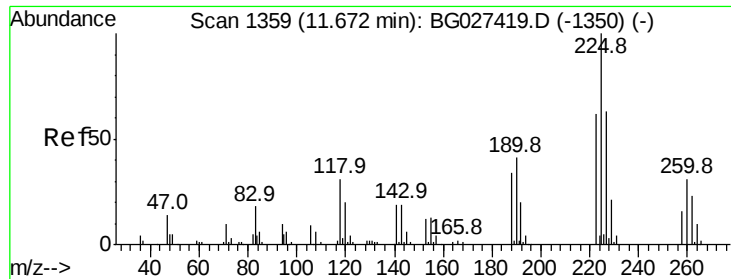
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 46.39 ng

RT: 11.67 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

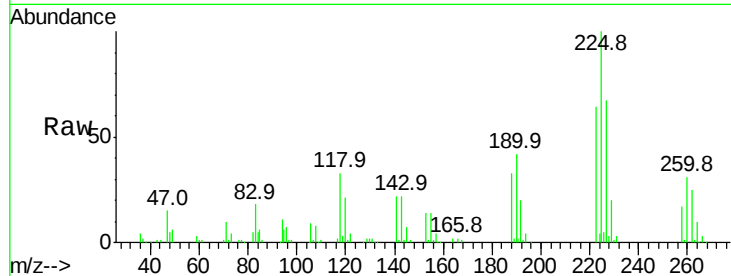
BNA_G

ClientSampleId :

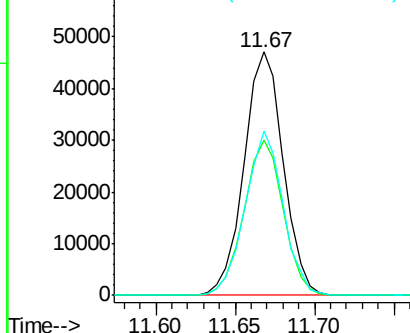
HA3-WC2MS

Tot Ion:	225	Resp:	80844
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.7	76.1
227	67.2	49.0	73.6

Manual Integrations
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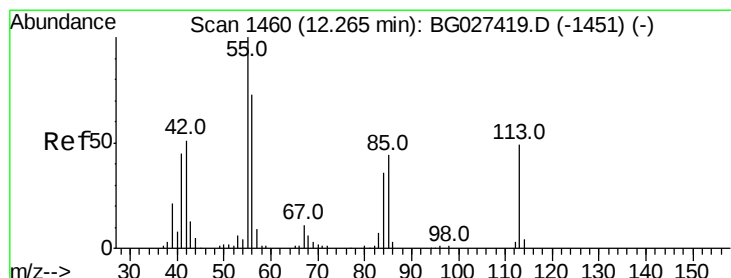
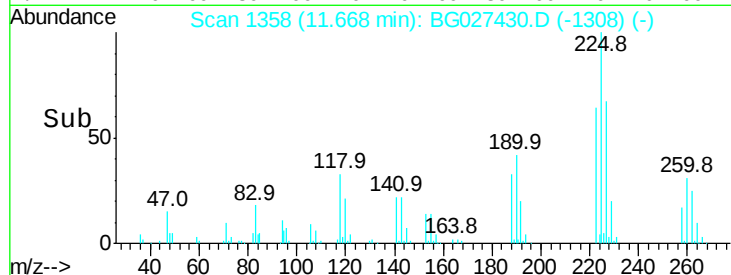


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 60.31 ng m

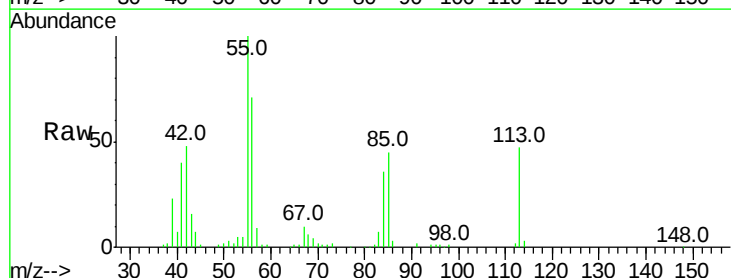
RT: 12.27 min Scan# 1460

Delta R.T. 0.00 min

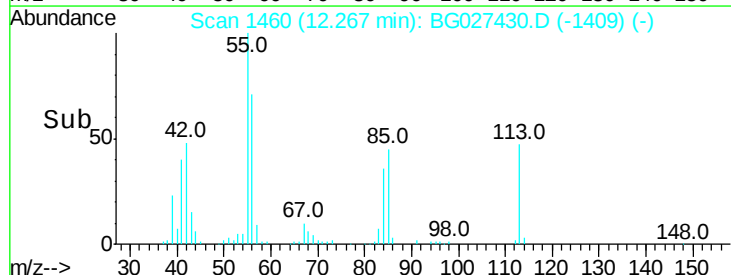
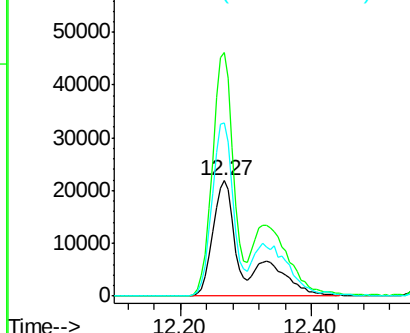
Lab File: BG027430.D

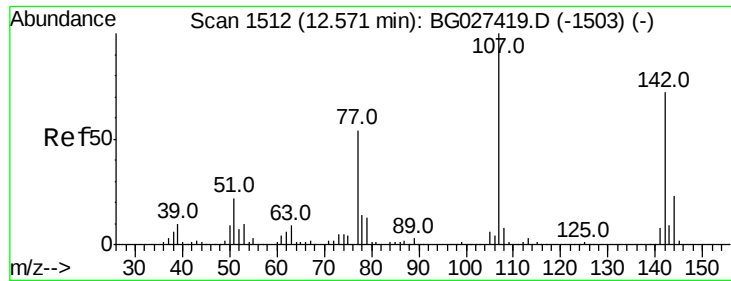
Acq: 14 Jun 2017 23:24

Tgt Ion:	113	Resp:	72975
Ion Ratio	Lower	Upper	
113	100		
55	211.4	198.6	238.6
56	149.9	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



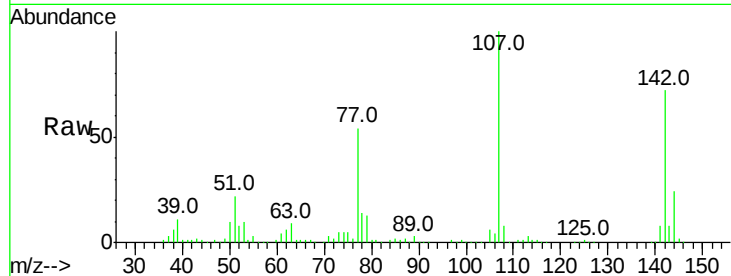


#36
4-Chloro-3-methylphenol
Concen: 58.51 ng
RT: 12.57 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

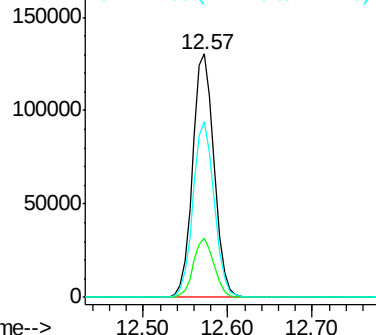
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.2	17.4	26.0
142	72.2	54.1	81.1

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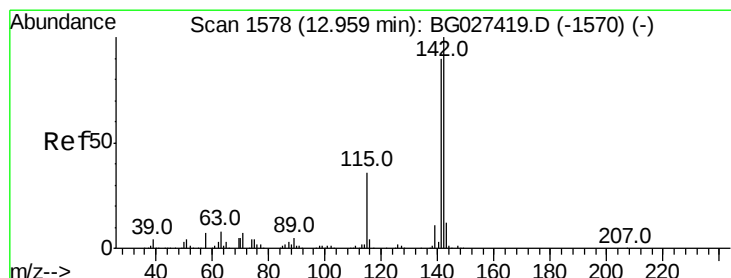
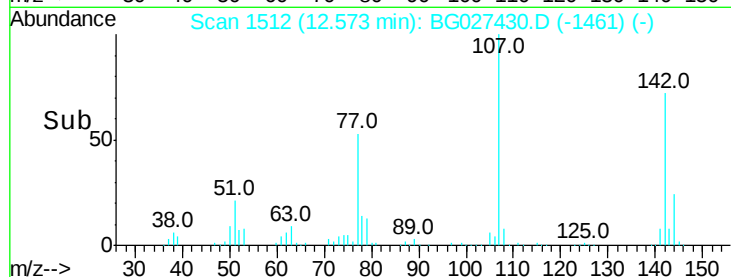


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



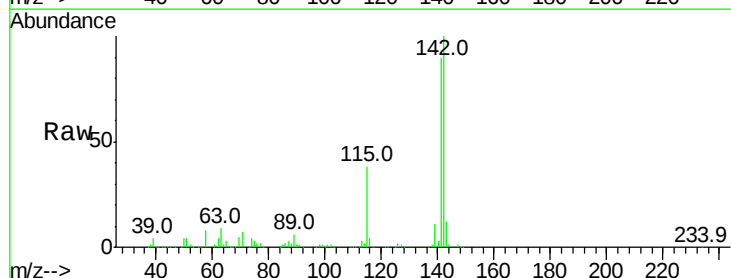
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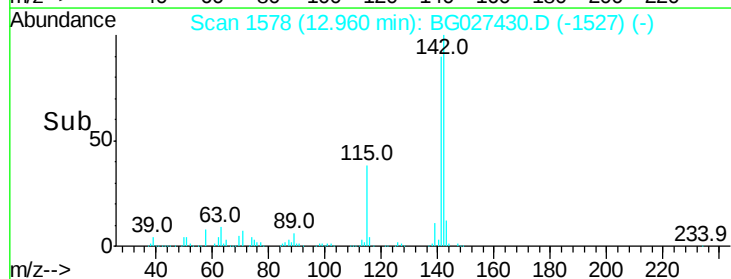
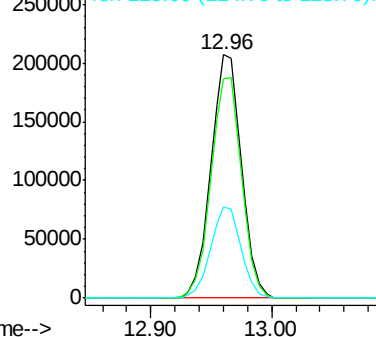


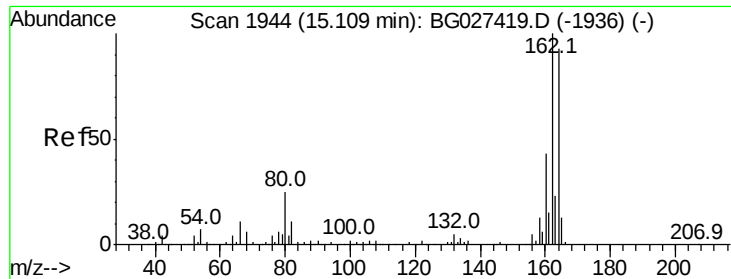
#37
2-Methylnaphthalene
Concen: 50.08 ng
RT: 12.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.4	105.6
115	37.6	35.5	53.3



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



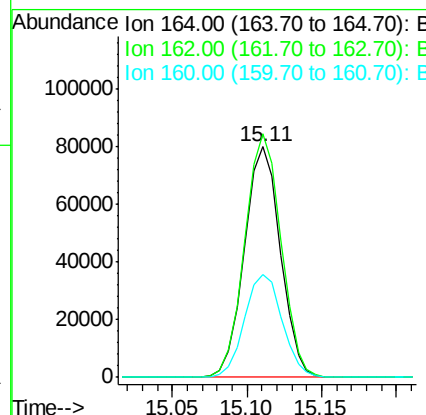
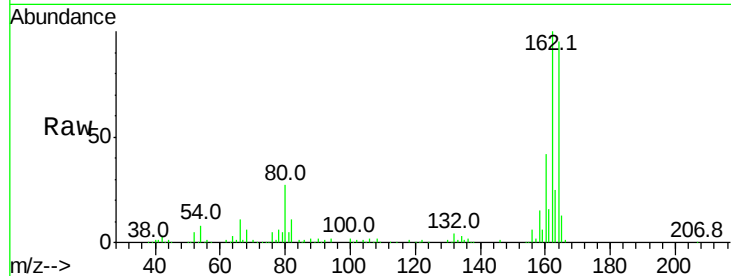


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

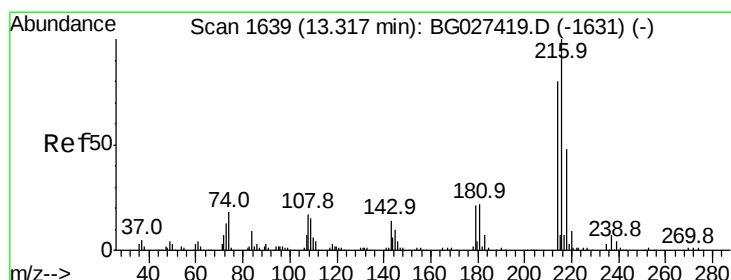
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	44.5	34.7	52.1

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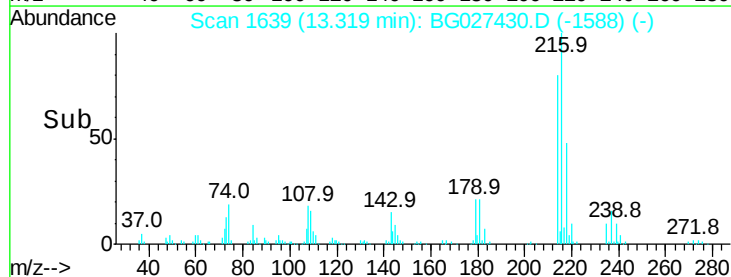
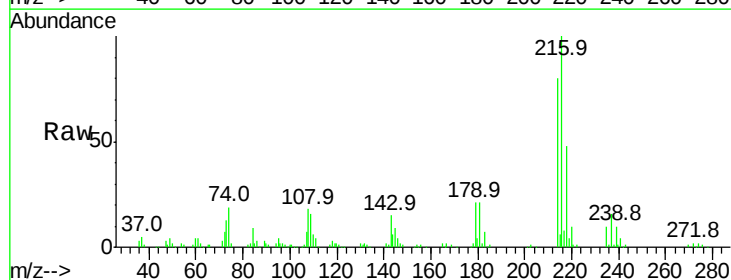
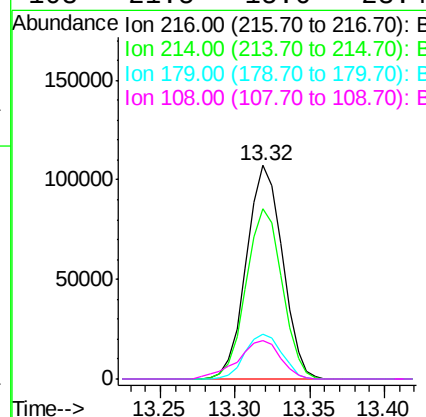
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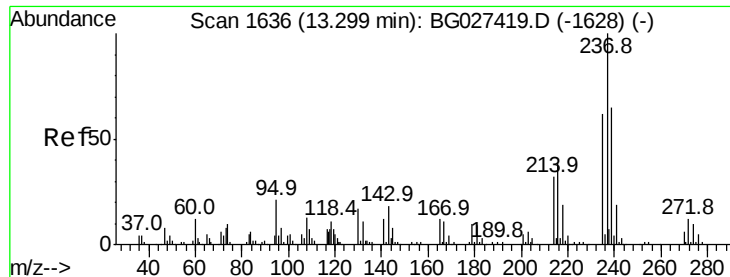
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.64 ng
RT: 13.32 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.4	96.6
179	21.6	17.4	26.0
108	21.5	15.6	23.4



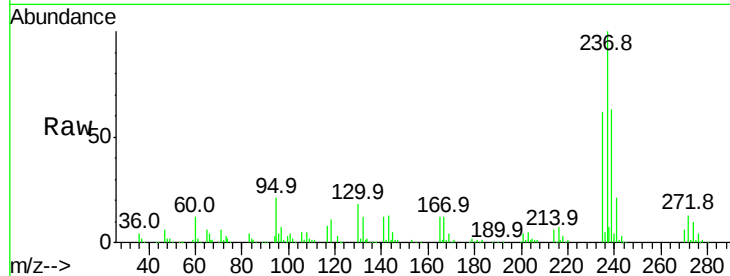


#40
Hexachlorocyclopentadiene
Concen: 98.27 ng
RT: 13.30 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

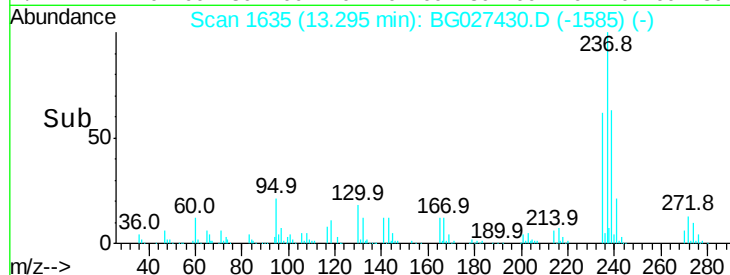
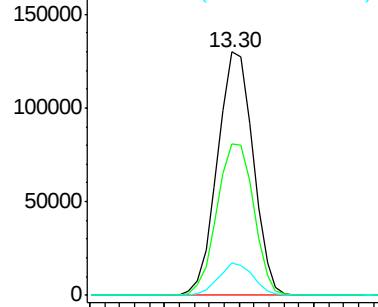
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	39.4	79.4
272	13.1	0.0	32.0

Manual Integrations
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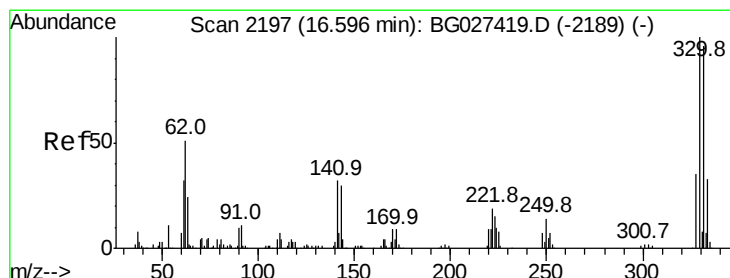
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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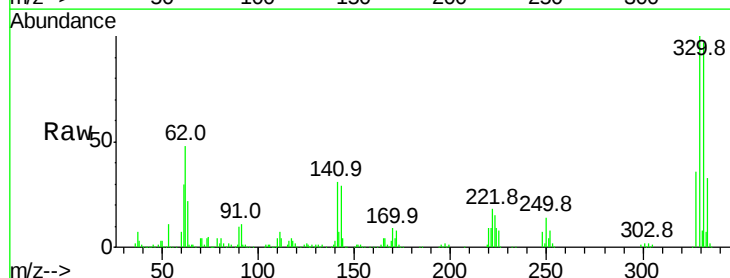
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Time--> 13.20 13.25 13.30 13.35

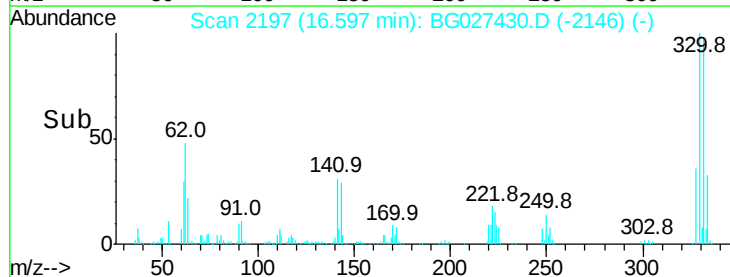
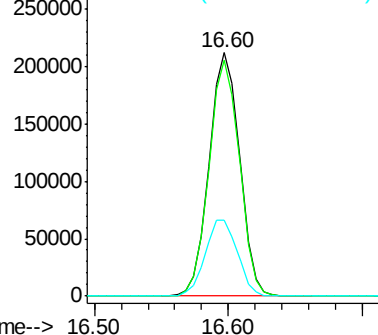


#41
2,4,6-Tribromophenol
Concen: 167.85 ng
RT: 16.60 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

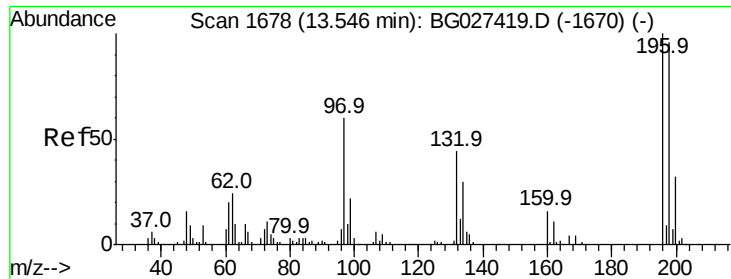
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.3	32.1	48.1



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



Time--> 16.50 16.60

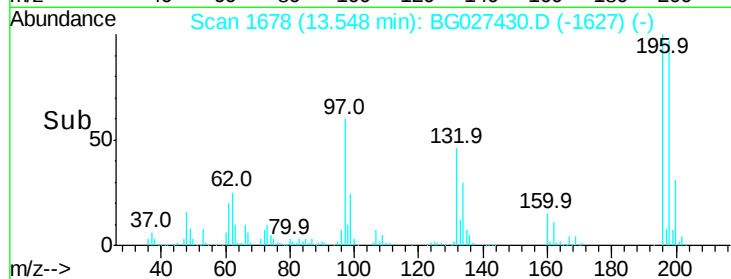
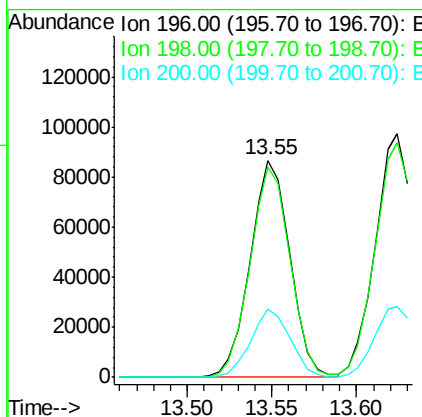
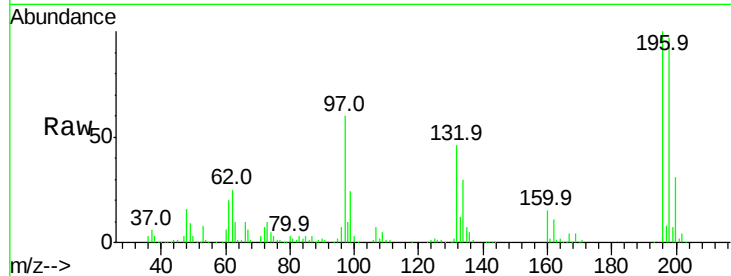


#42
2,4,6-Trichlorophenol
Concen: 53.07 ng
RT: 13.55 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

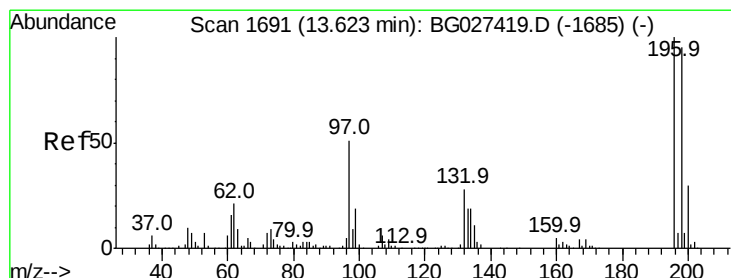
Tot Ion	Ratio	Resp	Lower	Upper
196	100	141809		
198	97.0	81.4	122.2	
200	31.5	27.0	40.6	

Manual Integrations
APPROVED



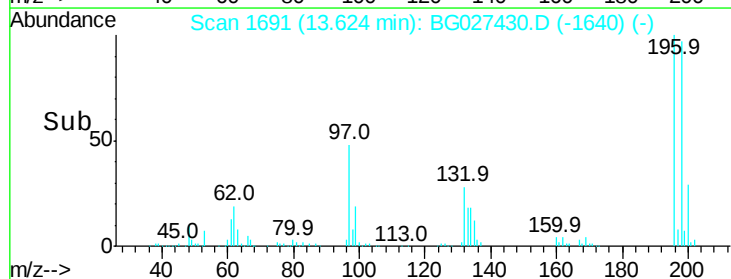
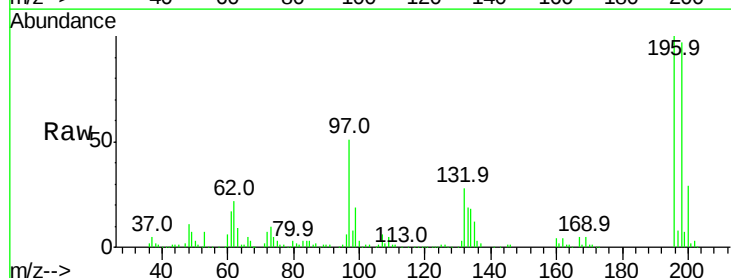
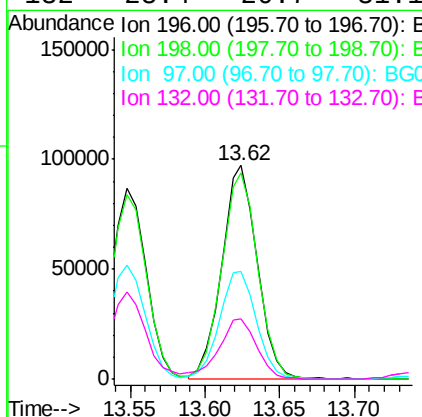
mohammad

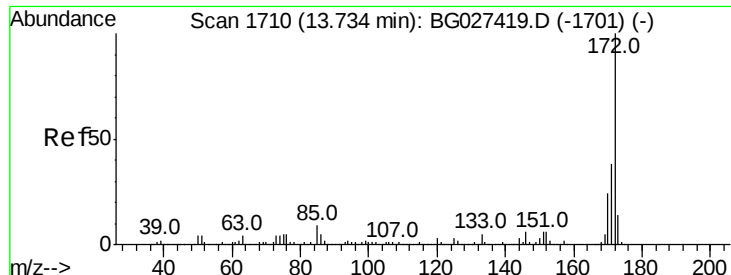
6/15/2017 3:57:26 PM



#43
2,4,5-Trichlorophenol
Concen: 53.02 ng
RT: 13.62 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160994		
198	96.6	79.9	119.9	
97	50.5	45.4	68.0	
132	28.4	20.7	31.1	



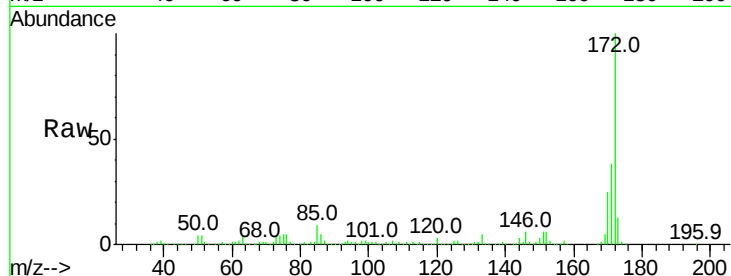


#44
2-Fluorobiphenyl
Concen: 93.62 ng
RT: 13.74 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

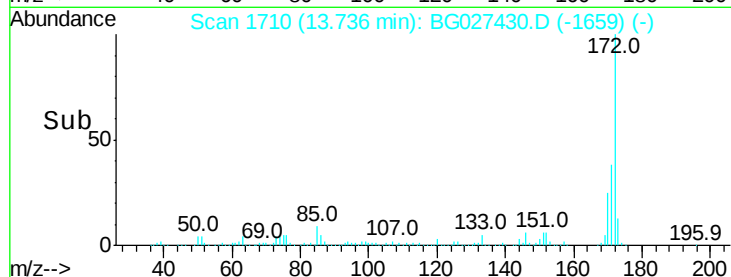
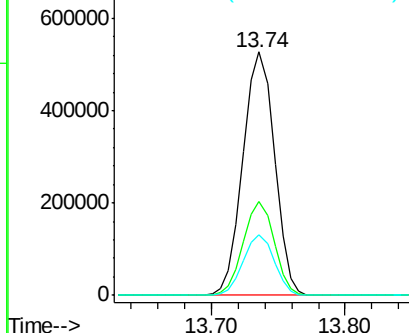
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	24.9	21.8	32.6

Manual Integrations
APPROVED

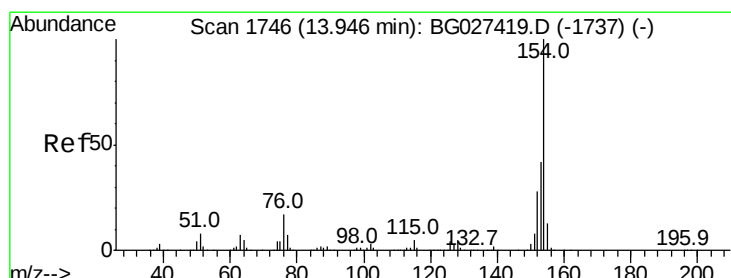


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



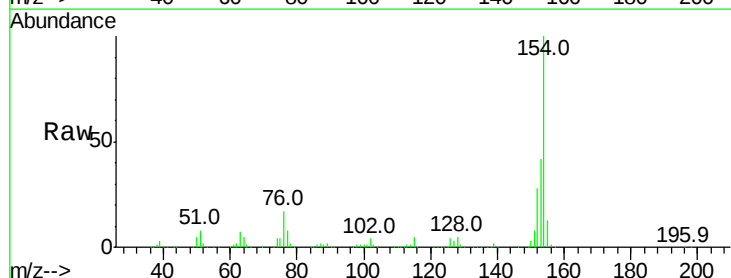
mohammad

6/15/2017 3:57:26 PM

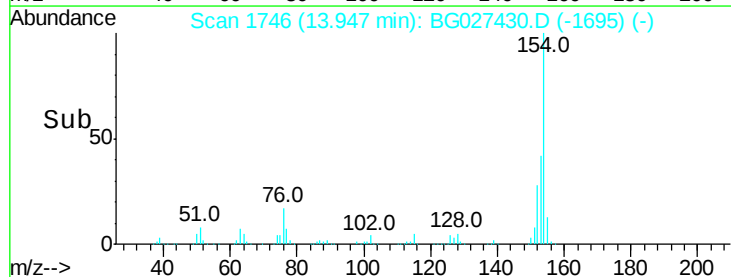
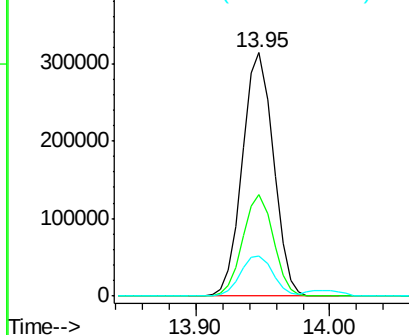


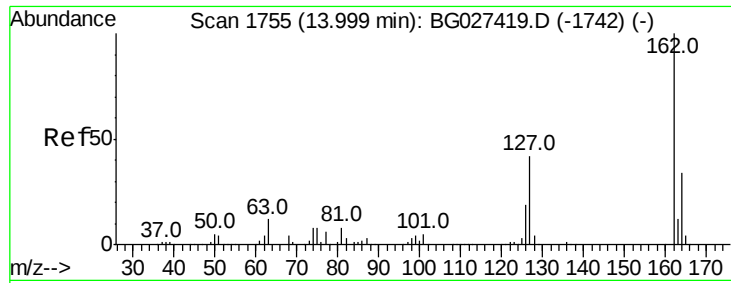
#45
1,1'-Biphenyl
Concen: 47.53 ng
RT: 13.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	16.7	0.0	33.5



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



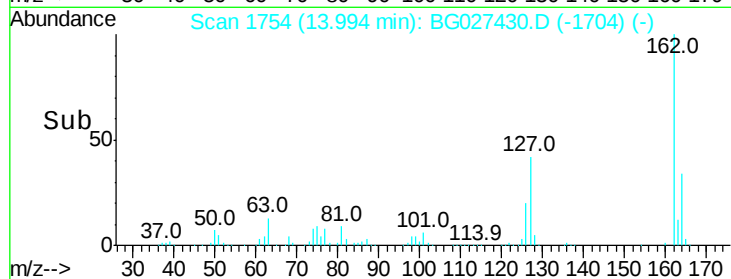
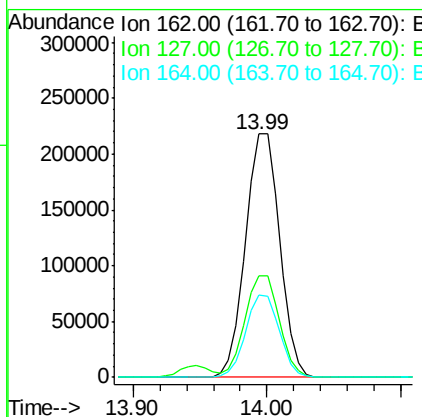
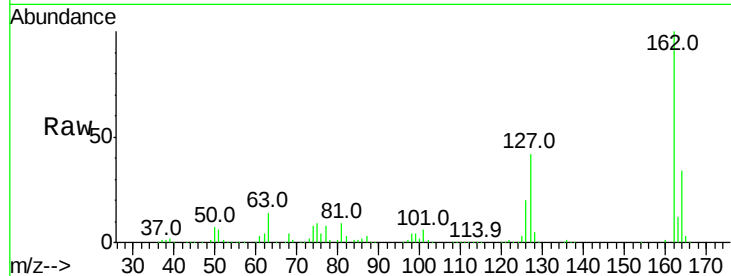


#46
 2-Chloronaphthalene
 Concen: 48.12 ng
 RT: 13.99 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

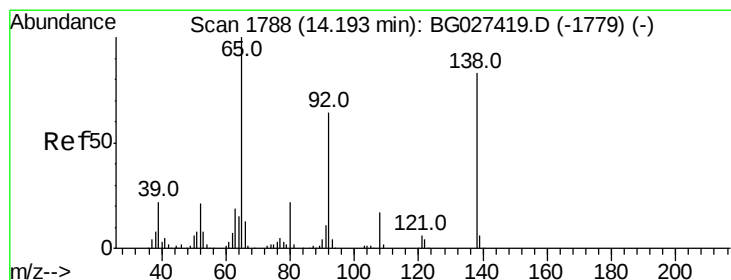
Tot Ion:	162	Resp:	385882
Ion Ratio	Lower	Upper	
162	100		
127	41.9	32.2	48.4
164	33.6	27.3	40.9

Manual Integrations
 APPROVED



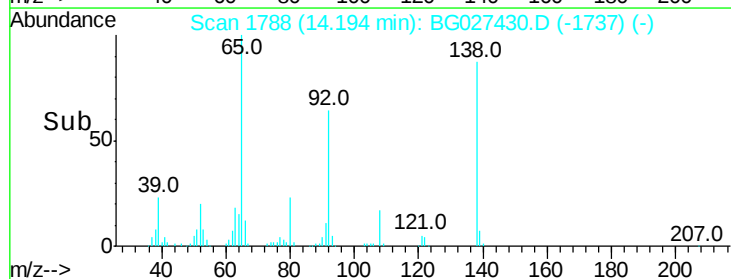
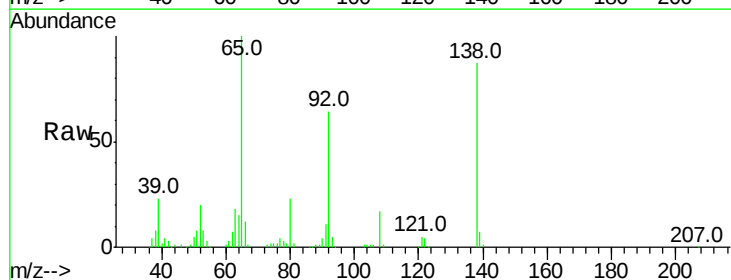
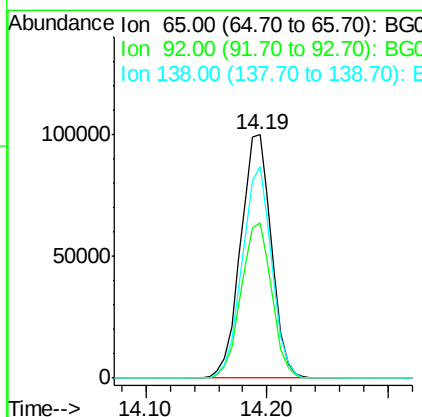
mohammad

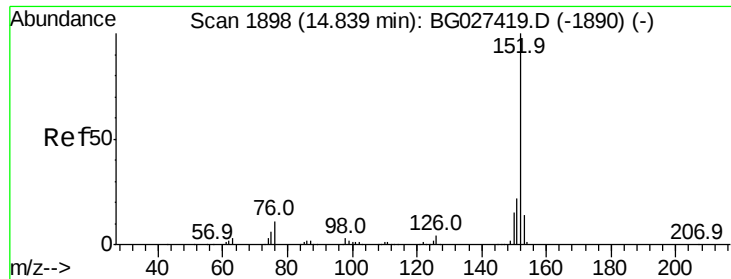
6/15/2017 3:57:26 PM



#47
 2-Nitroaniline
 Concen: 56.12 ng
 RT: 14.19 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion:	65	Resp:	177902
Ion Ratio	Lower	Upper	
65	100		
92	63.9	49.0	73.4
138	86.7	58.6	87.8



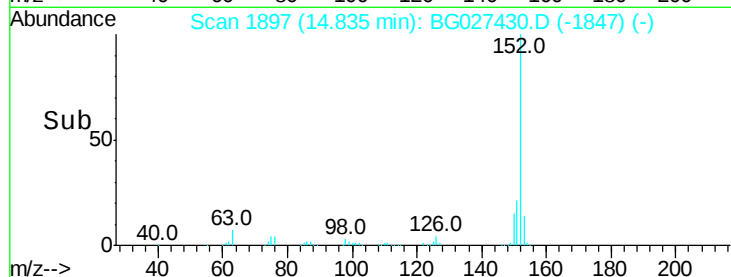
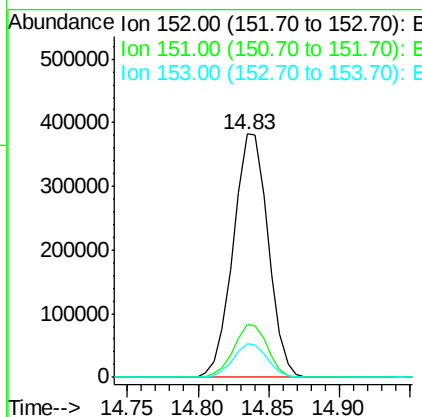
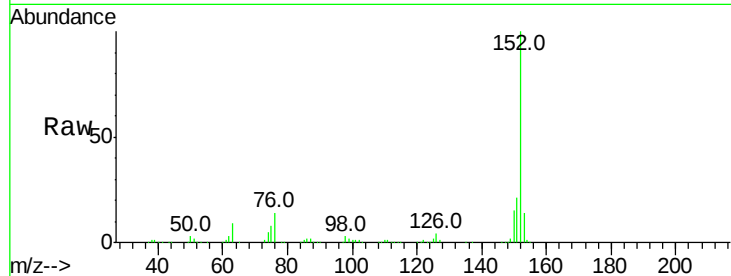


#48
Acenaphthylene
Concen: 47.14 ng
RT: 14.83 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

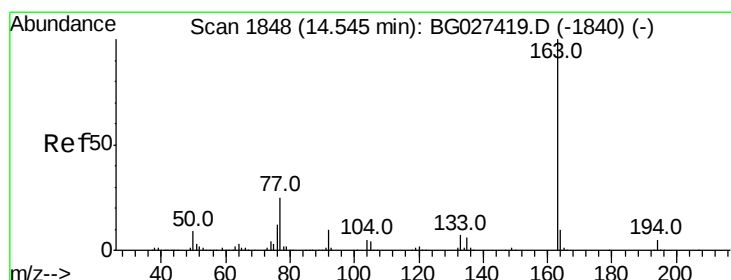
Tot Ion:	152	Resp:	660511
Ion Ratio	Lower	Upper	
152	100		
151	21.5	18.2	27.2
153	13.8	11.3	16.9

Manual Integrations
APPROVED



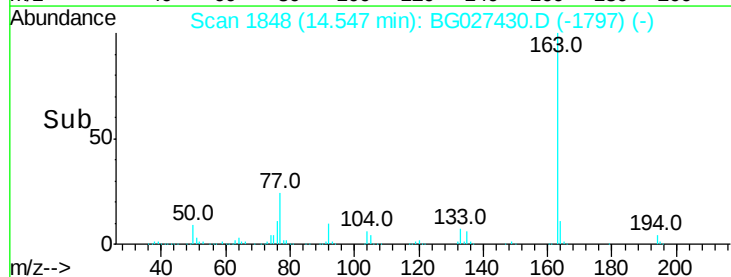
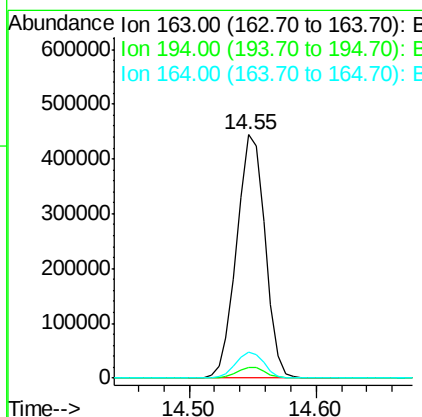
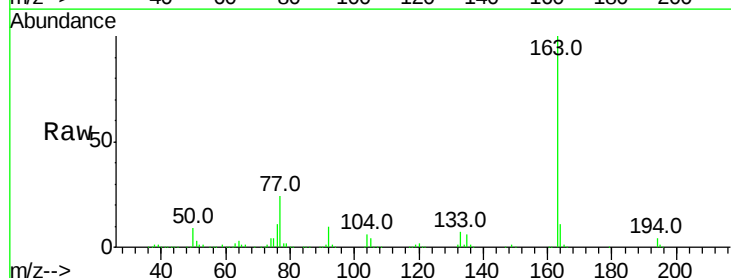
mohammad

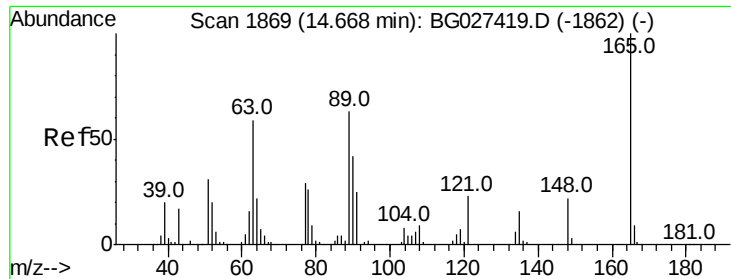
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#49
Dimethylphthalate
Concen: 62.06 ng
RT: 14.55 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion:	163	Resp:	686720
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.6
164	10.6	9.3	13.9



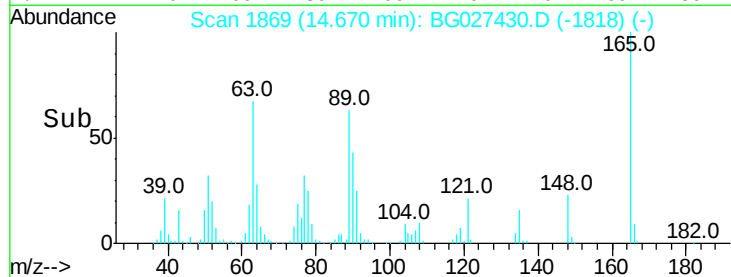
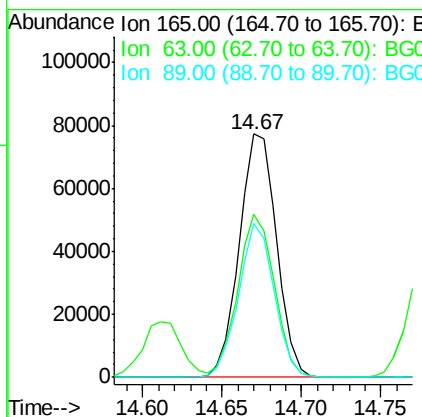
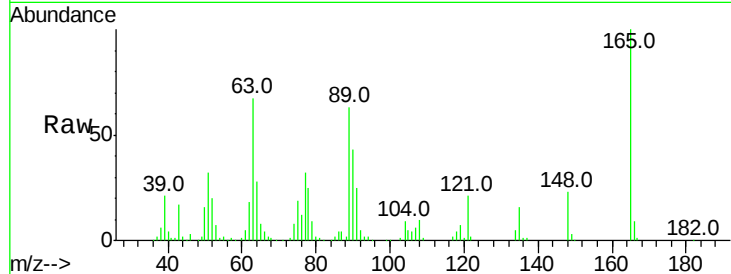


#50
 2,6-Dinitrotoluene
 Concen: 55.23 ng
 RT: 14.67 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

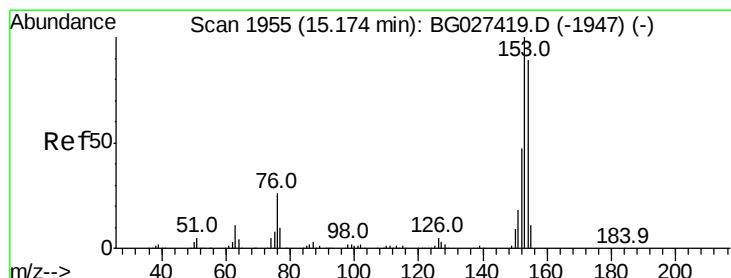
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.0	63.9	95.9
89	63.5	58.6	88.0

Manual Integrations
 APPROVED



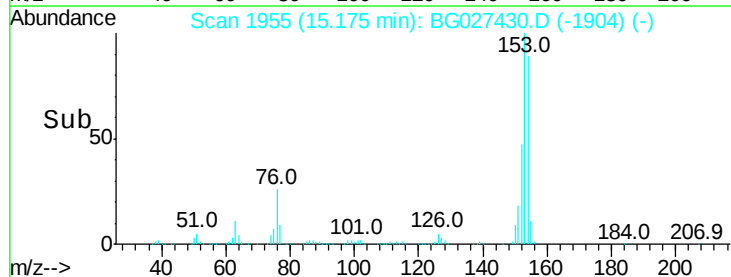
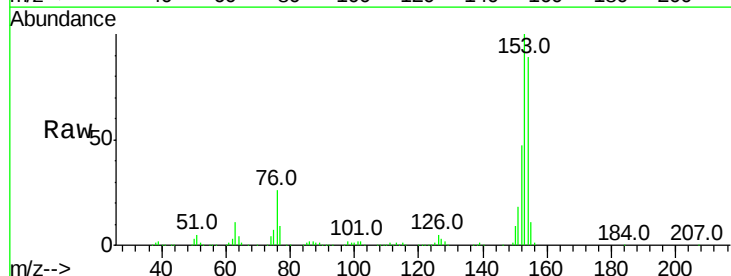
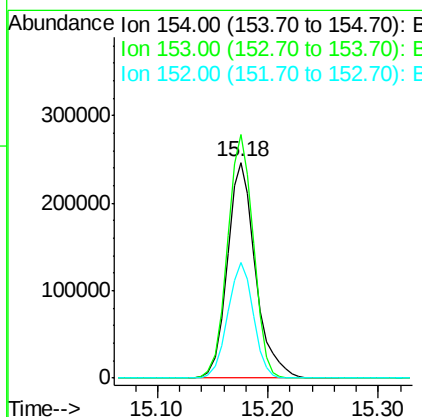
mohammad

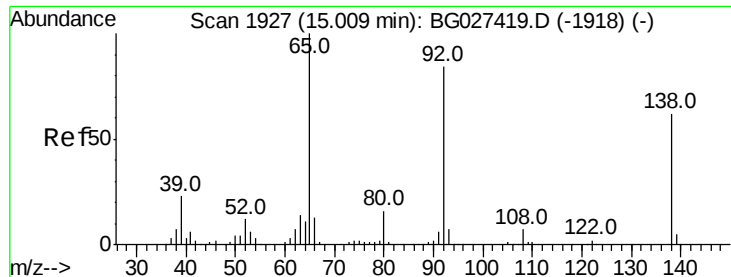
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#51
 Acenaphthene
 Concen: 47.00 ng
 RT: 15.18 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	87.8	131.6
152	53.5	42.2	63.4





#52

3-Nitroaniline

Concen: 40.85 ng

RT: 15.00 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

HA3-WC2MS

Tot Ion:138 Resp: 102906

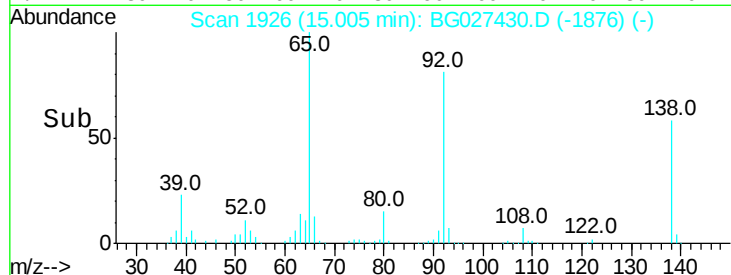
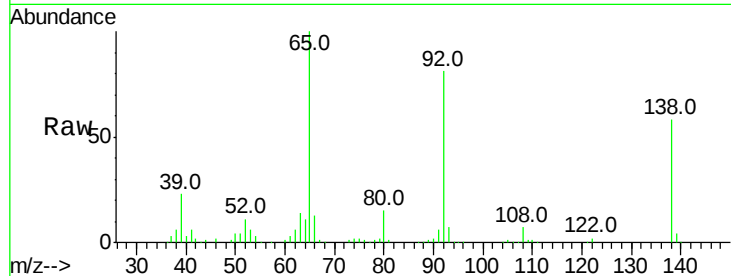
Ion Ratio Lower Upper

138 100

108 12.4 10.9 16.3

92 138.8 115.3 172.9

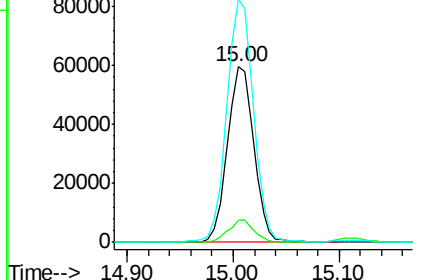
Manual Integrations
APPROVED



Abundance Ion 138.00 (137.70 to 138.70): E

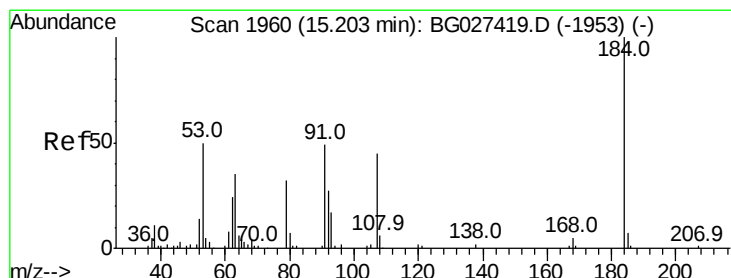
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



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#53

2,4-Dinitrophenol

Concen: 42.21 ng

RT: 15.20 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

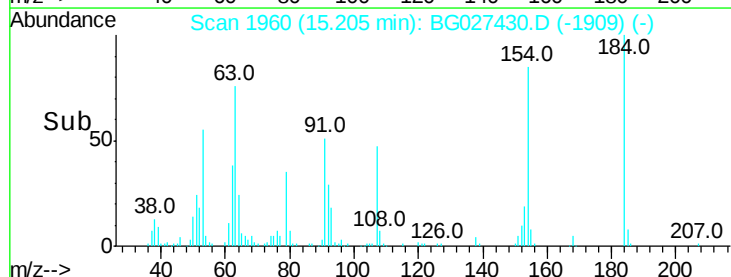
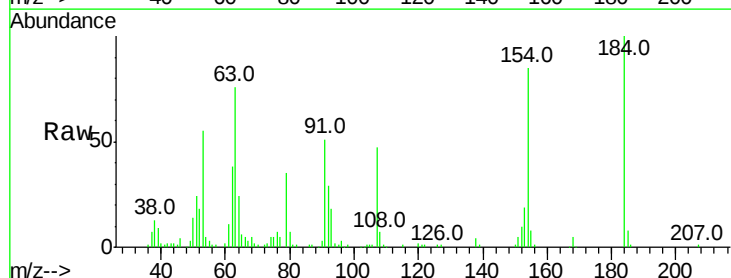
Tgt Ion:184 Resp: 55423

Ion Ratio Lower Upper

184 100

63 76.4 52.7 79.1

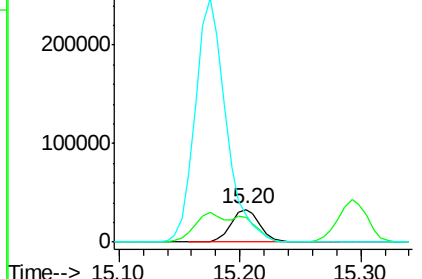
154 84.6 57.3 85.9

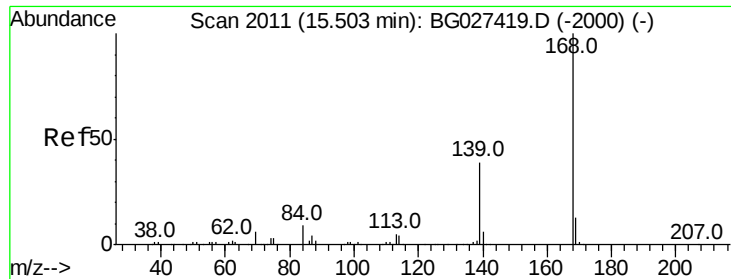


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



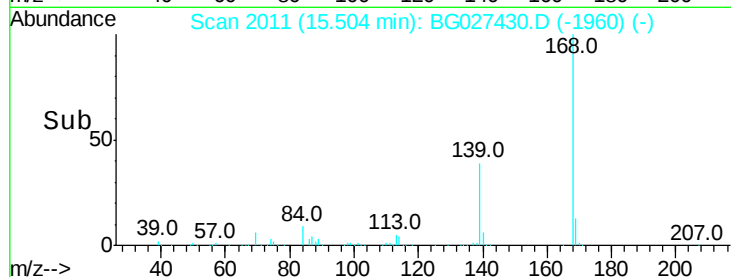
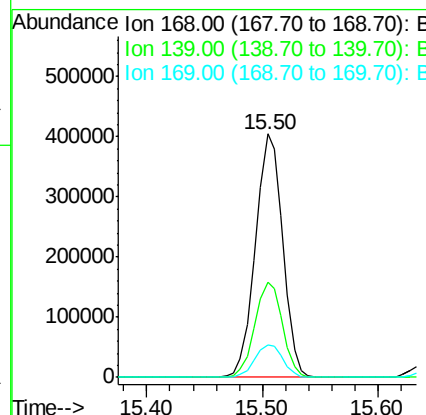
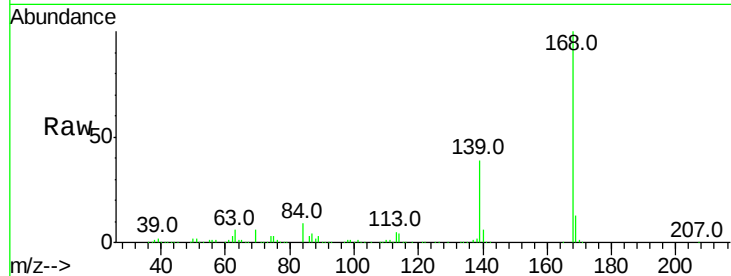


#54
Dibenzenofuran
Concen: 52.24 ng
RT: 15.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

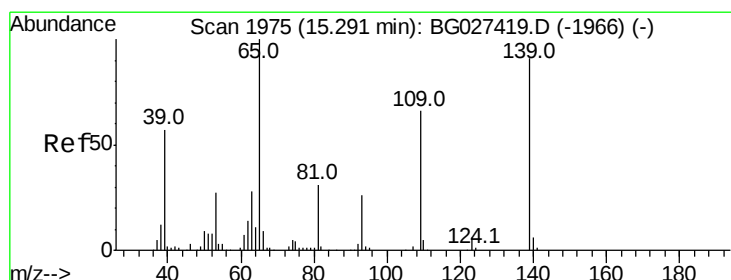
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	35.3	52.9
169	13.4	11.5	17.3

Manual Integrations
APPROVED



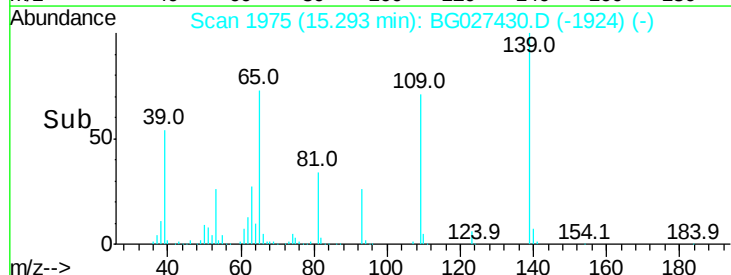
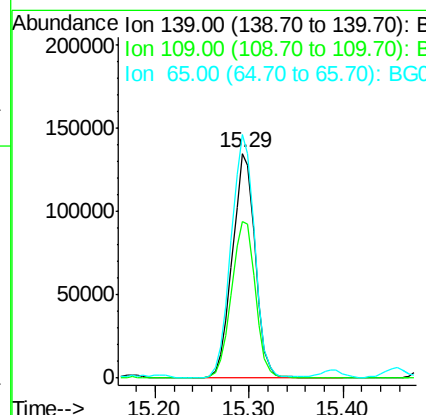
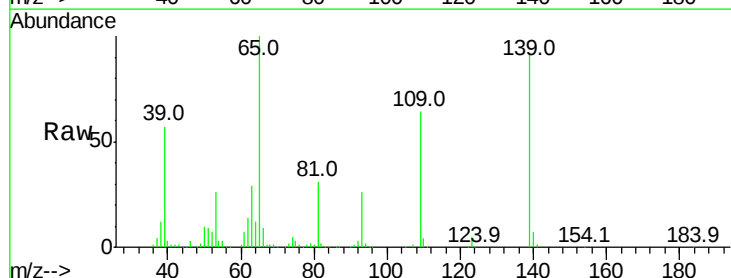
mohammad

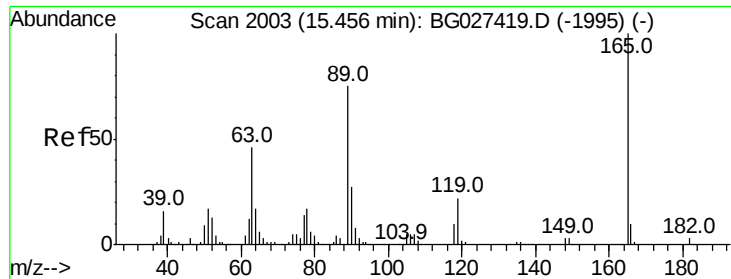
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#55
4-Nitrophenol
Concen: 114.55 ng
RT: 15.29 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	101.2	141.2#
65	108.4	135.3	175.3#



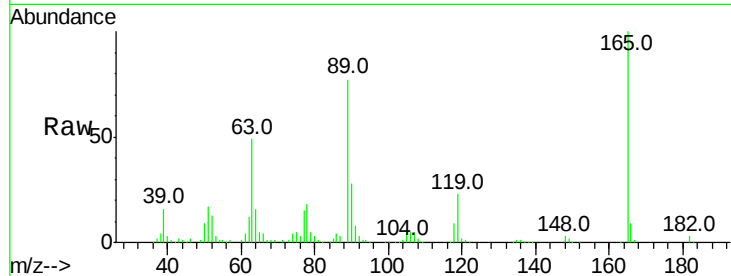


#56
2,4-Dinitrotoluene
Concen: 55.40 ng
RT: 15.46 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	44.0	66.0
89	76.6	67.3	100.9
182	2.9	3.8	5.6

Manual Integrations
APPROVED

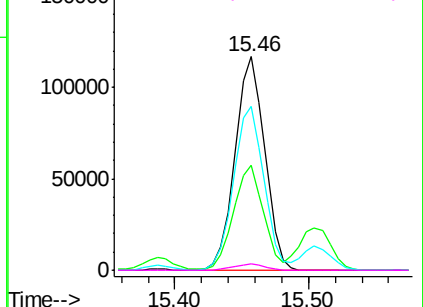


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

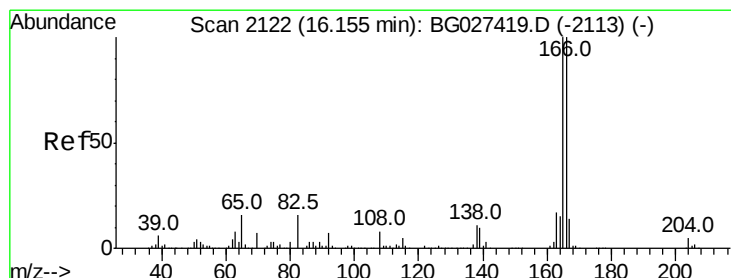
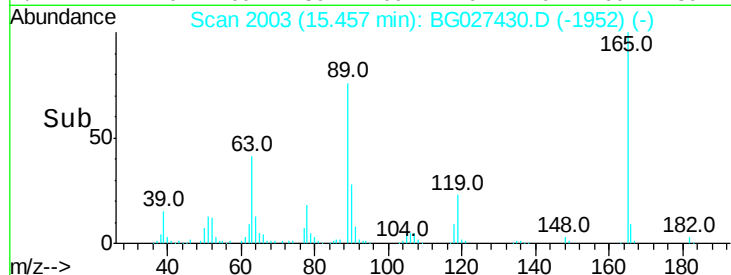
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



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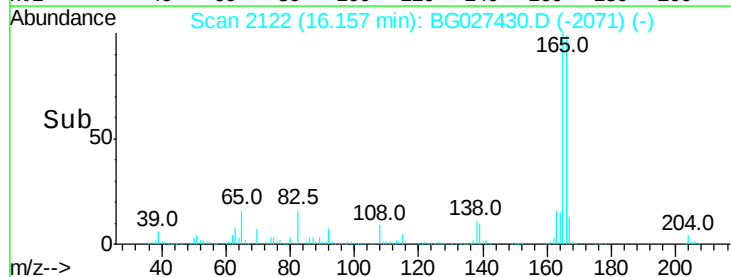
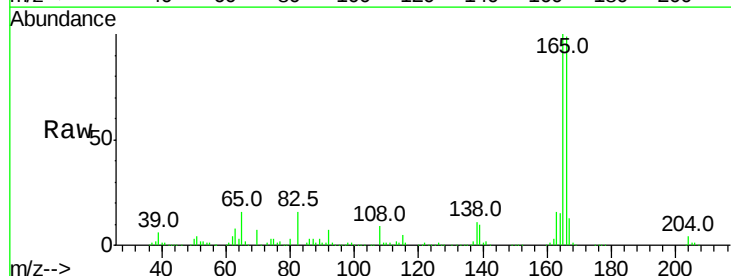
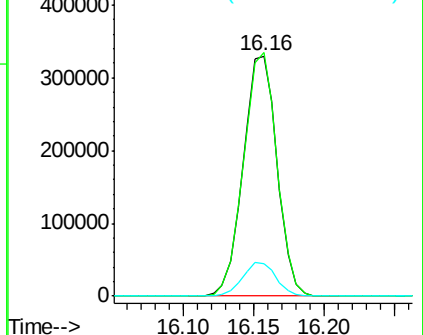
#57
Fluorene
Concen: 48.49 ng
RT: 16.16 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

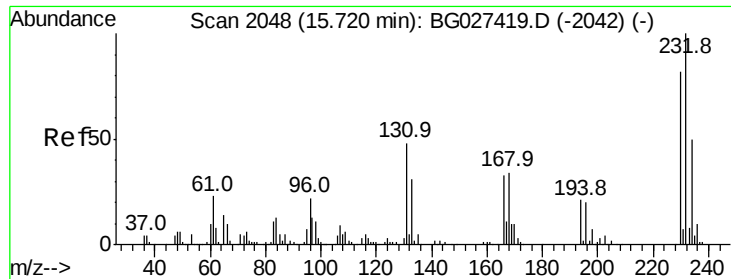
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.6	117.8
167	13.6	11.6	17.4

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



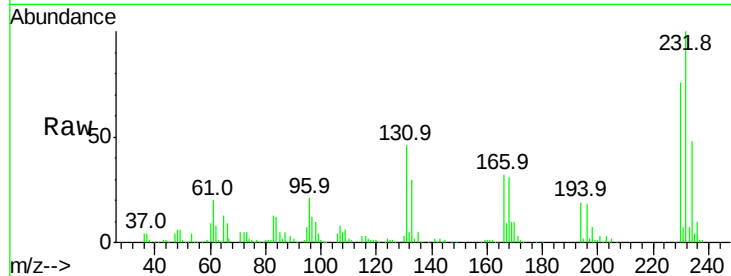


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.28 ng
 RT: 15.72 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

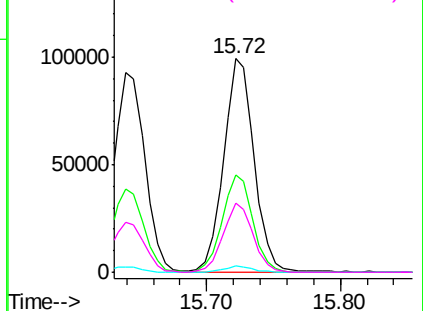
Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	157293		
131	45.4		34.9	52.3
130	2.8		2.3	3.5
166	32.0		24.2	36.4

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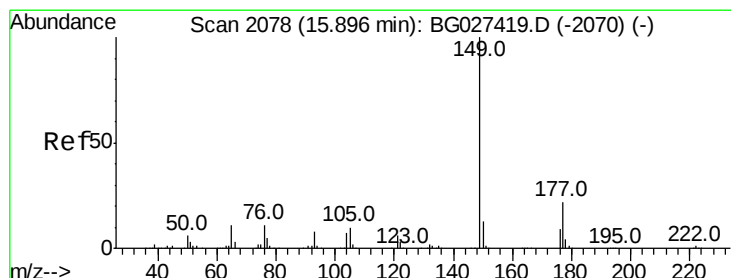
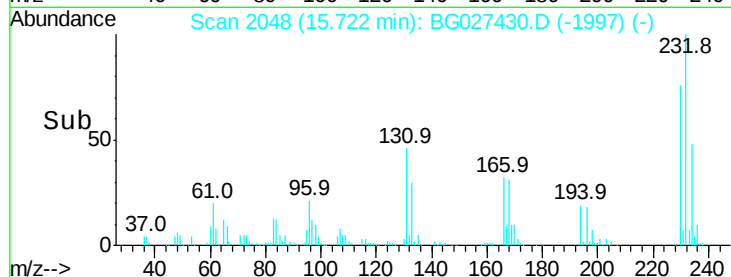


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



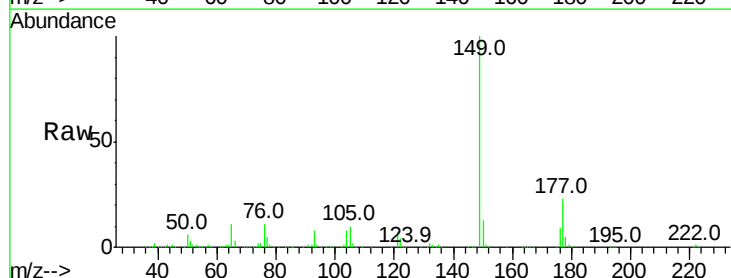
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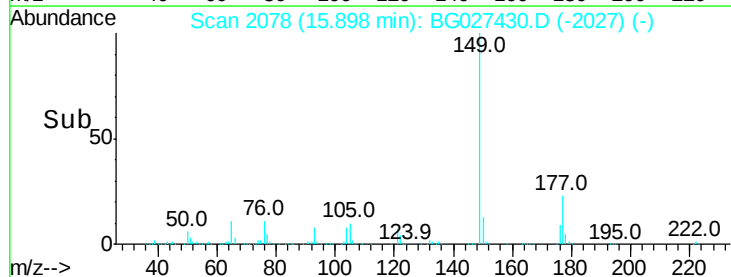
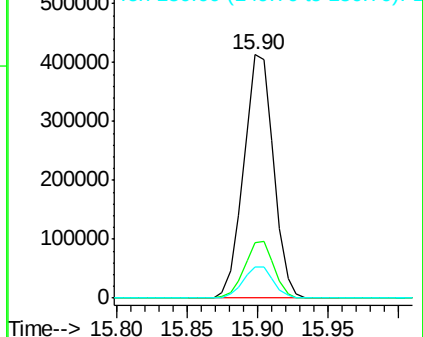


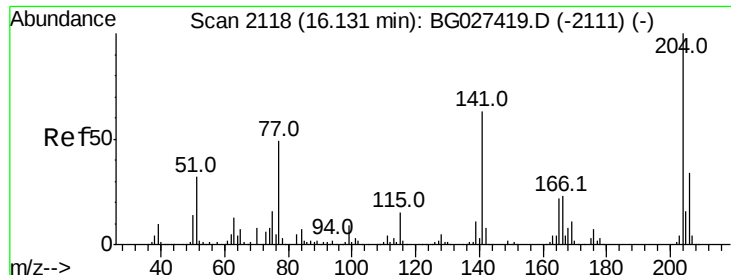
#59
 Diethylphthalate
 Concen: 53.66 ng
 RT: 15.90 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	610156		
177	22.9		20.1	30.1
150	13.0		10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



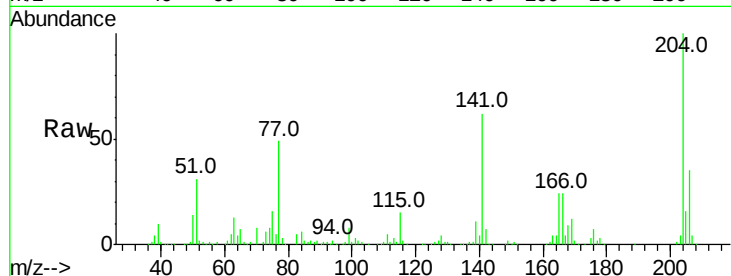


#60
 4-Chlorophenyl-phenylether
 Concen: 49.60 ng
 RT: 16.13 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

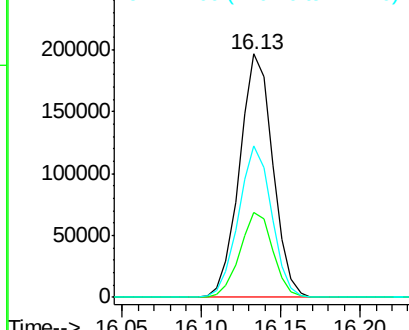
Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	30.1	45.1
141	62.1	50.6	76.0

Manual Integrations
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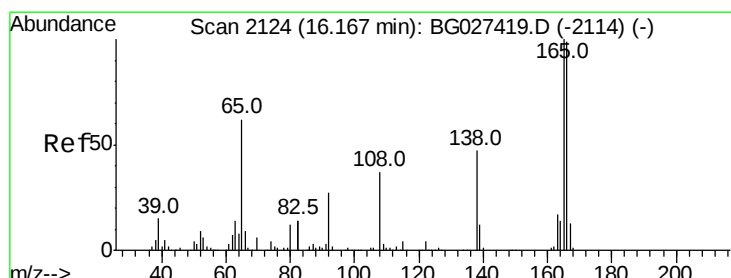
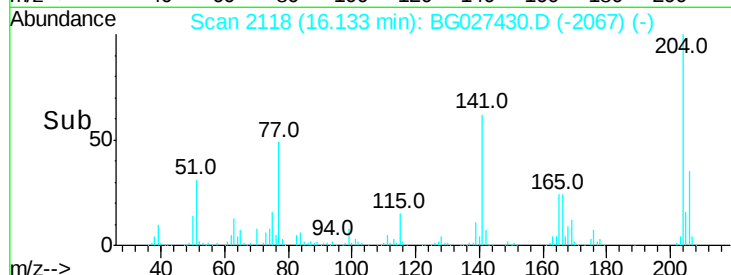


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



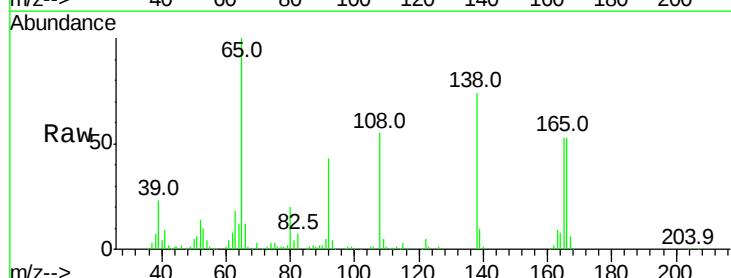
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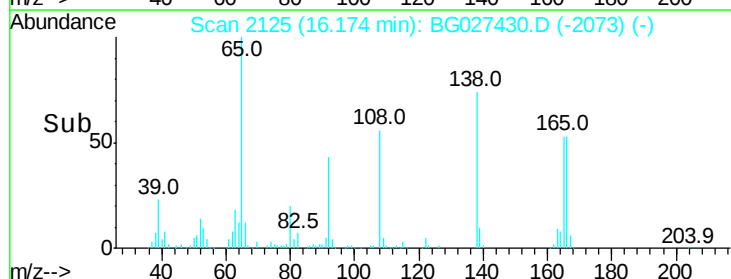
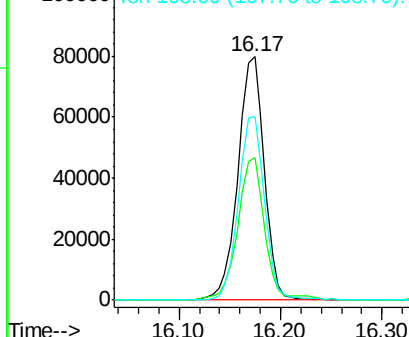


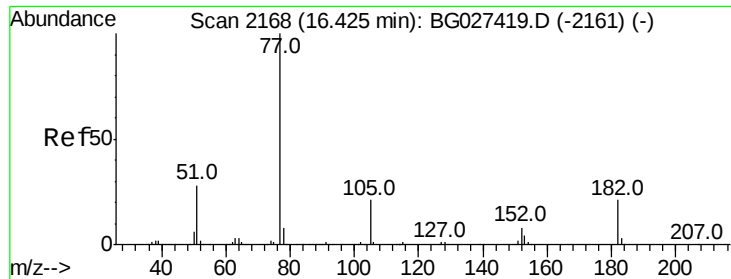
#61
 4-Nitroaniline
 Concen: 56.14 ng
 RT: 16.17 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	44.2	84.2
108	75.3	104.8	144.8#



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



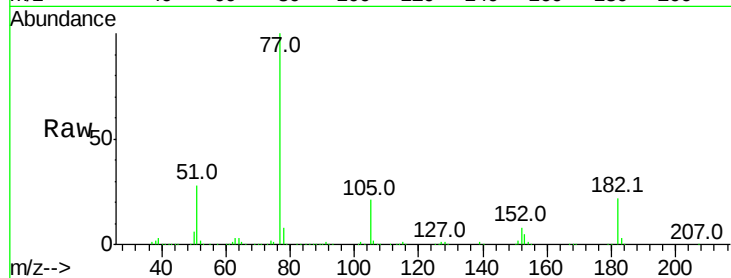


#62
Azobenzene
Concen: 55.17 ng
RT: 16.43 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

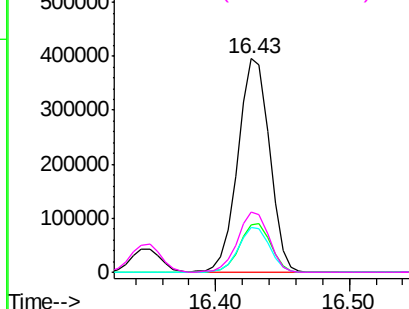
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.2	4.7	44.7		
105	20.9	0.0	36.3		
51	28.5	16.4	56.4		

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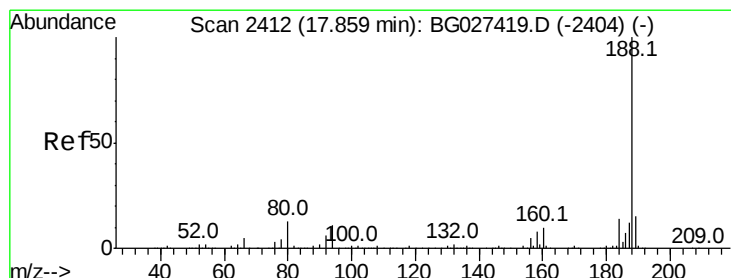
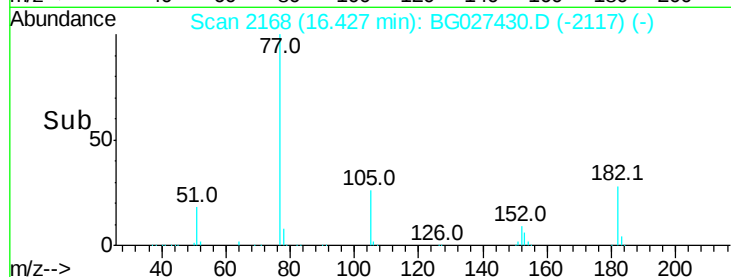


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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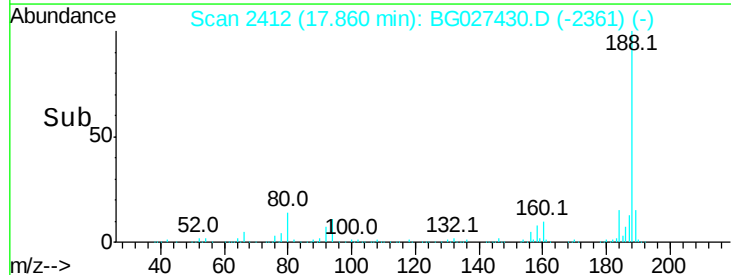
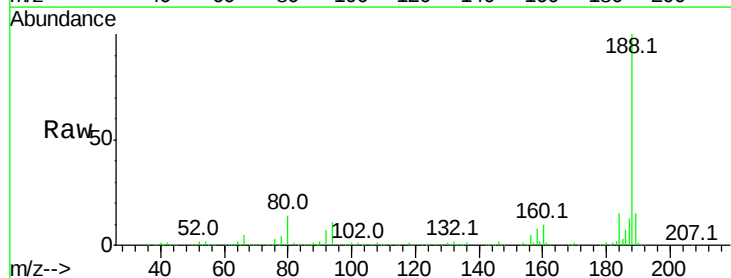
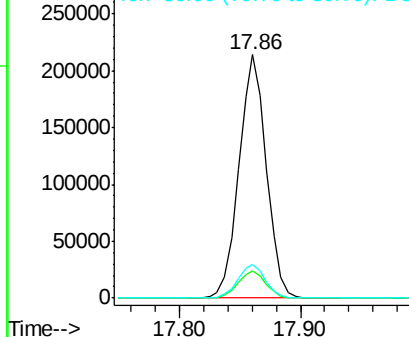
6/15/2017 3:57:26 PM

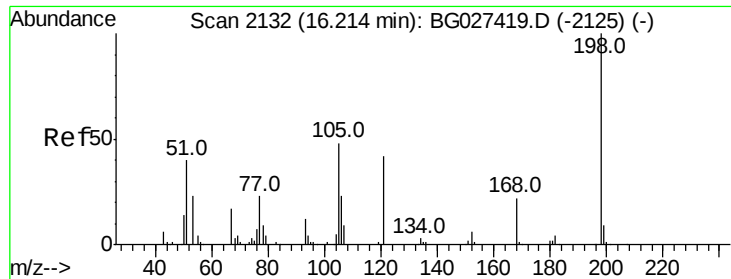


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1	5.8	8.8#		
80	13.7	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



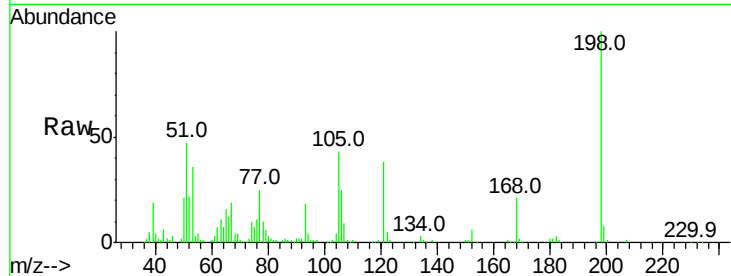


#64
4,6-Dinitro-2-methylphenol
Concen: 43.97 ng
RT: 16.22 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

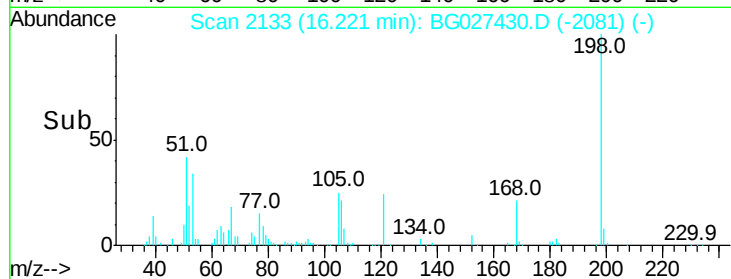
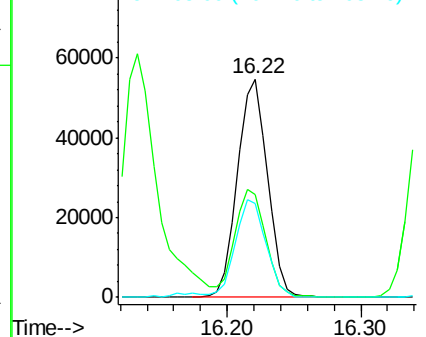
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.9	22.6	62.6	
105	43.3	14.4	54.4	

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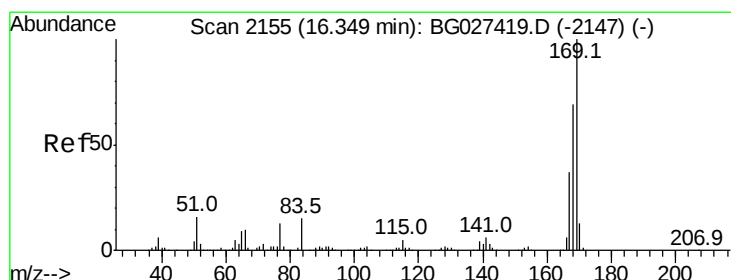


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



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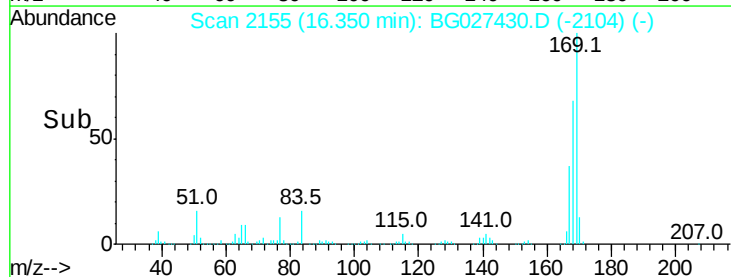
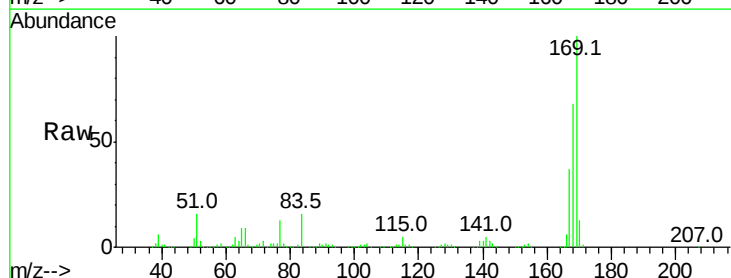
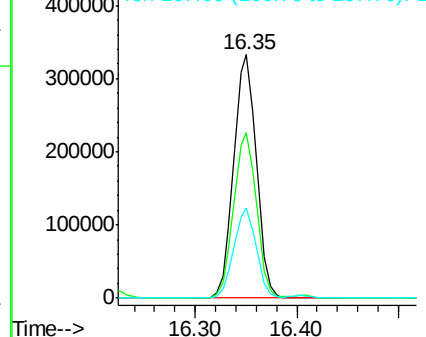
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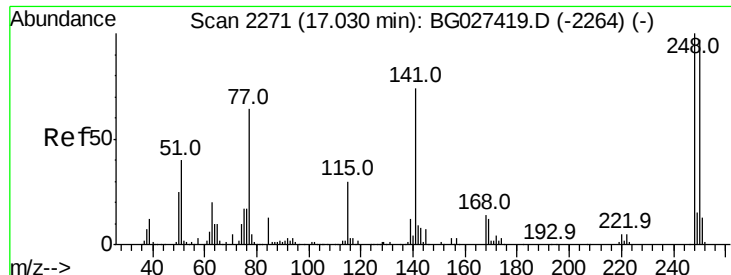


#65
n-Nitrosodiphenylamine
Concen: 49.18 ng
RT: 16.35 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.0	55.7	83.5	
167	37.0	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



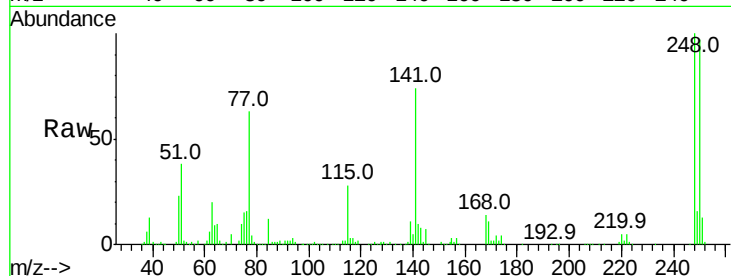


#66
4-Bromophenyl-phenylether
Concen: 49.18 ng
RT: 17.03 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

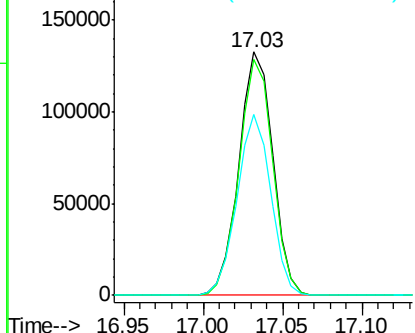
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.0	112.6
141	74.3	55.2	82.8

Manual Integrations
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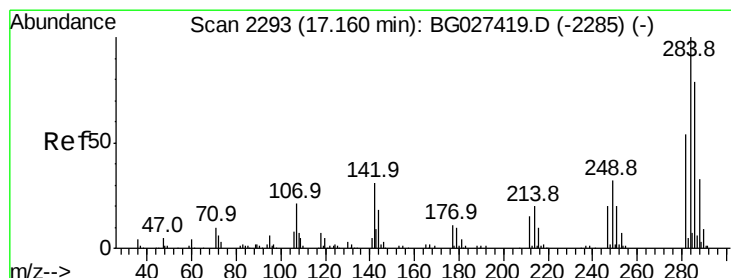
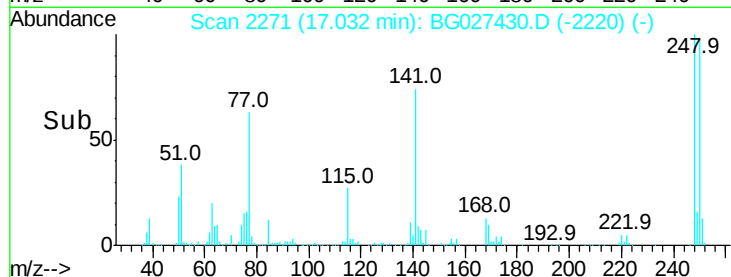


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



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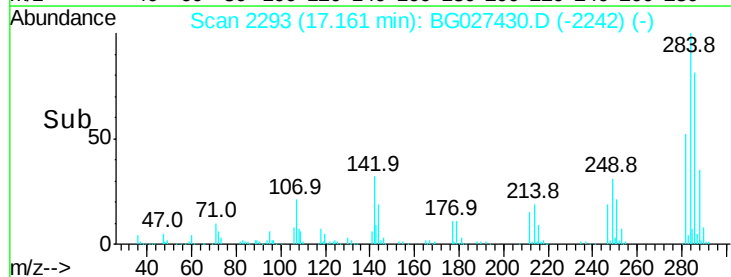
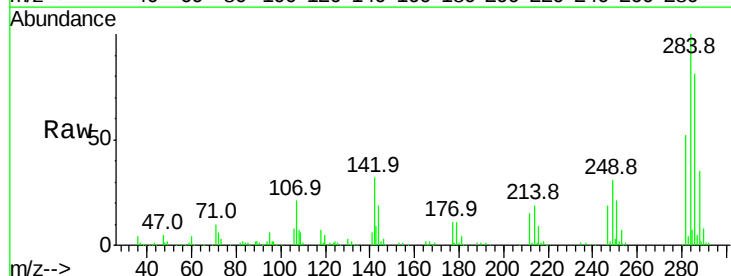
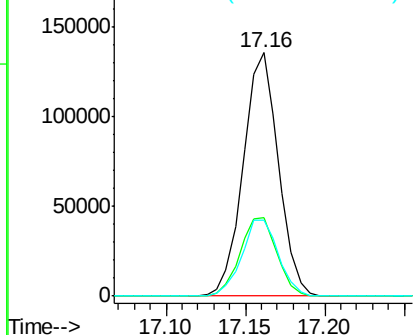
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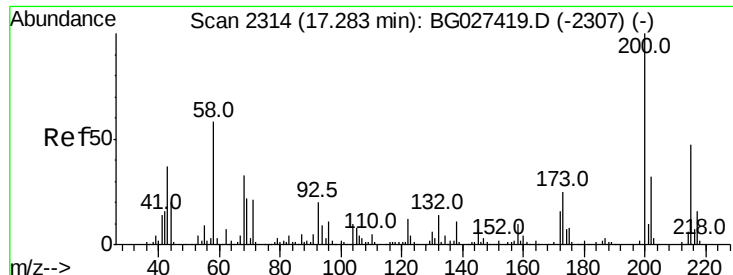


#67
Hexachlorobenzene
Concen: 47.11 ng
RT: 17.16 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	29.9	44.9
249	31.2	29.2	43.8

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



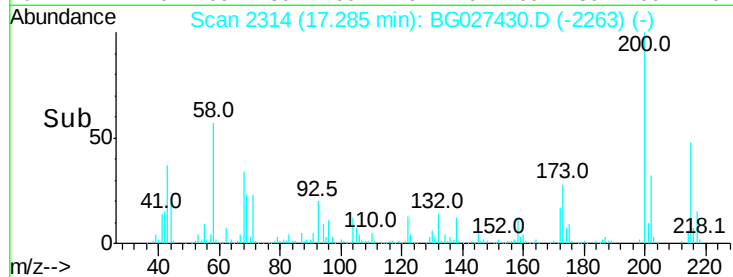
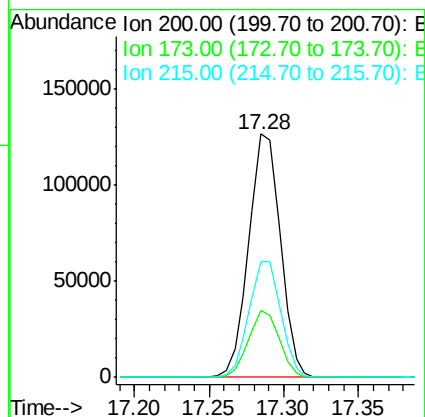
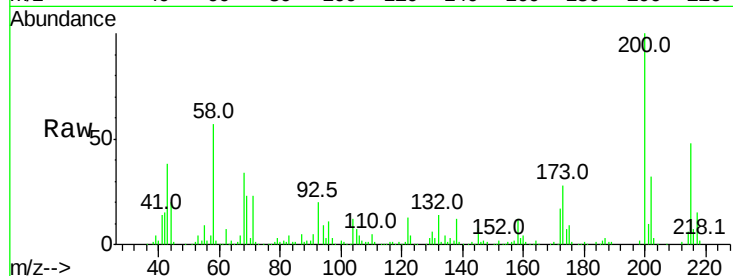


#68
 Atrazine
 Concen: 51.02 ng
 RT: 17.28 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

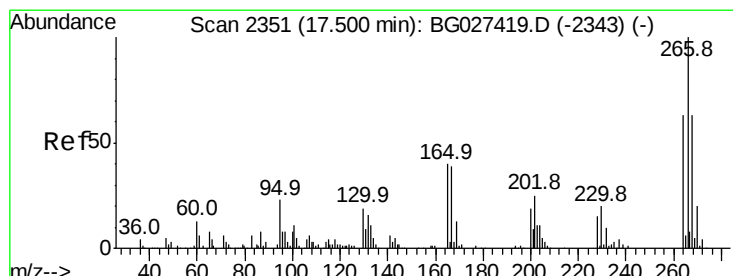
Tot Ion:	200	Resp:	185901
Ion Ratio	Lower	Upper	
200	100		
173	27.5	3.0	43.0
215	47.5	28.4	68.4

Manual Integrations
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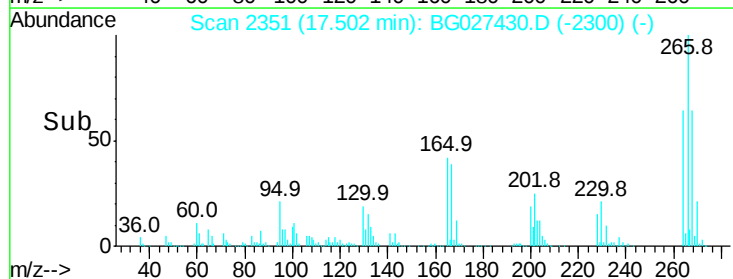
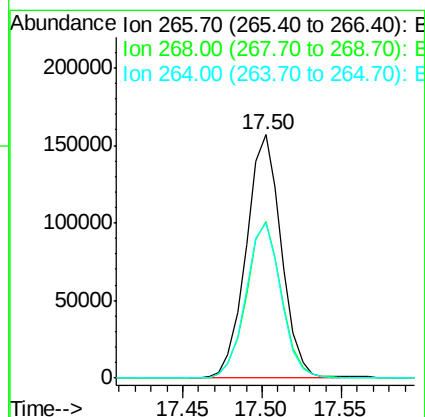
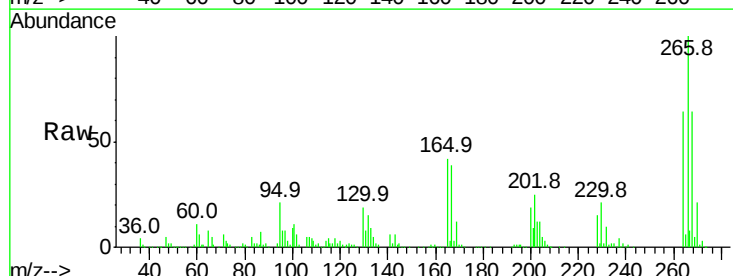
mohammad

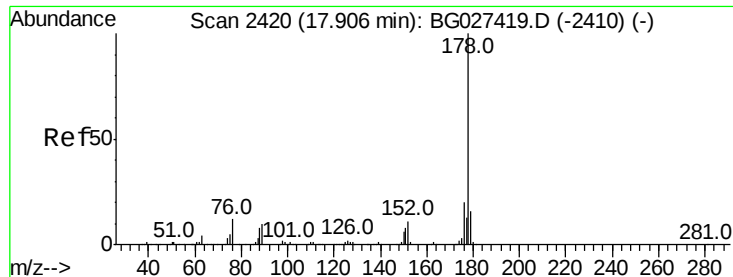
6/15/2017 3:57:26 PM



#69
 Pentachlorophenol
 Concen: 94.75 ng
 RT: 17.50 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion:	266	Resp:	241166
Ion Ratio	Lower	Upper	
266	100		
268	64.2	48.6	72.8
264	63.6	50.1	75.1





#70

Phenanthrene

Concen: 48.80 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

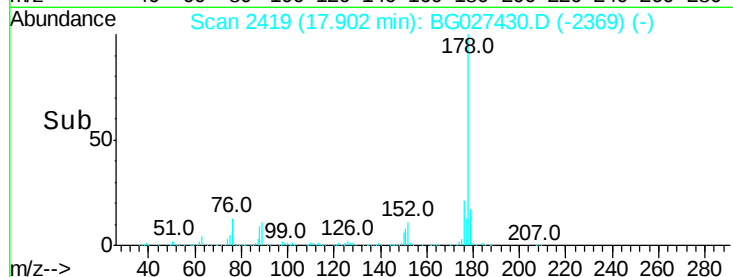
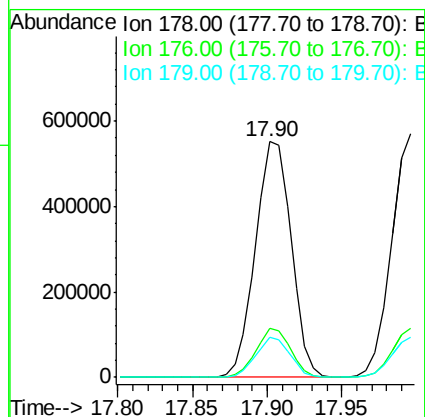
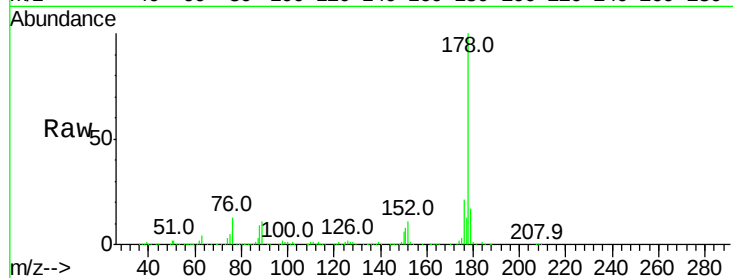
BNA_G

ClientSampleId :

HA3-WC2MS

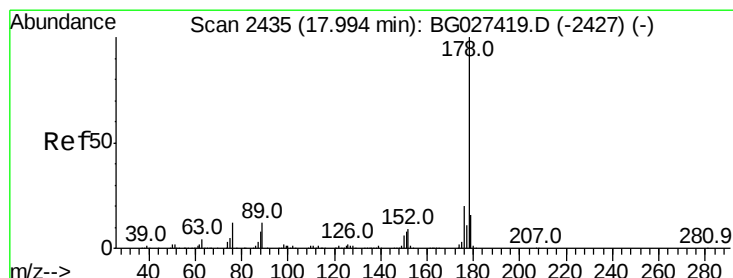
Tot Ion:178	Resp:	916673
Ion Ratio	Lower	Upper
178	100	
176	20.6	17.7 26.5
179	16.7	15.0 22.6

Manual Integrations
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#71

Anthracene

Concen: 48.78 ng

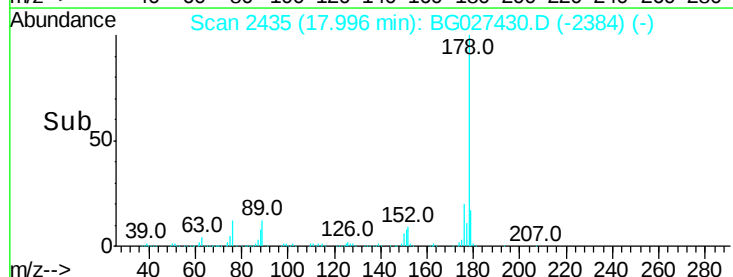
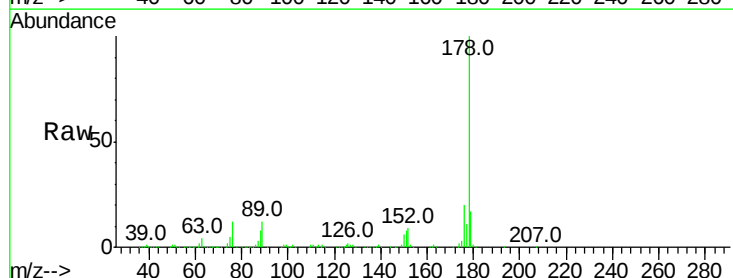
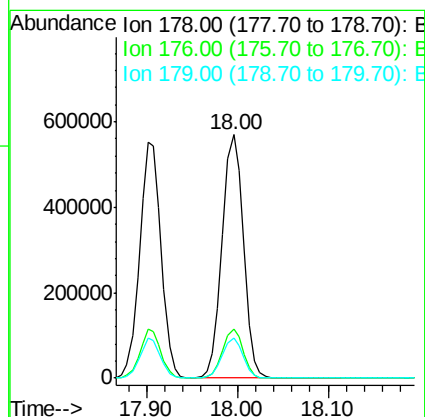
RT: 18.00 min Scan# 2435

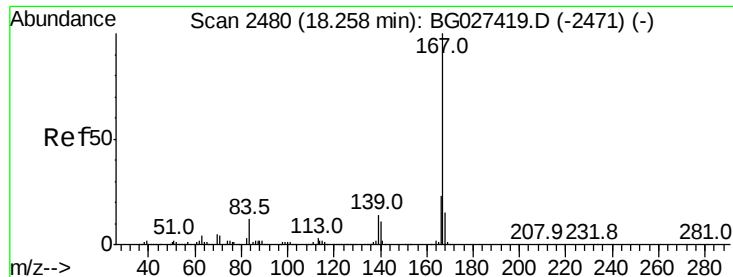
Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Tgt Ion:178	Resp:	926589
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.4 24.6
179	16.7	13.8 20.8



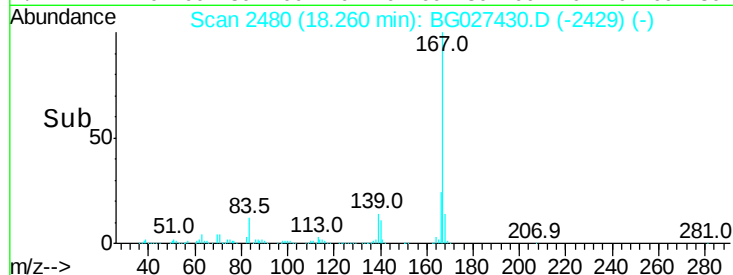
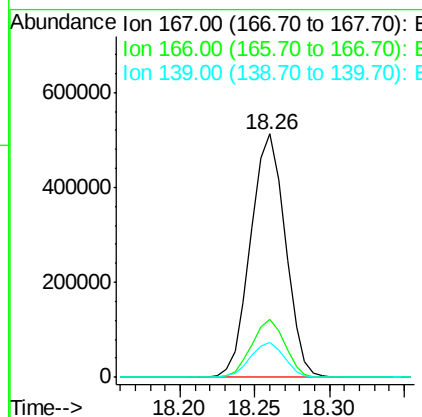
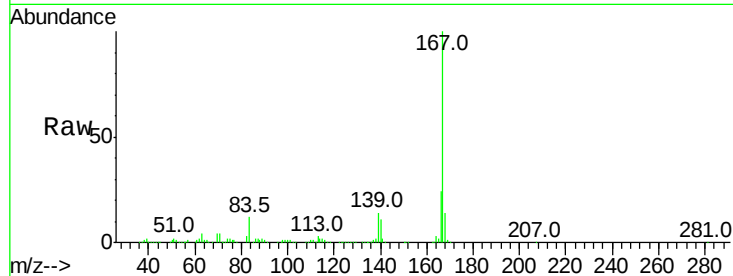


#72
 Carbazole
 Concen: 45.31 ng
 RT: 18.26 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

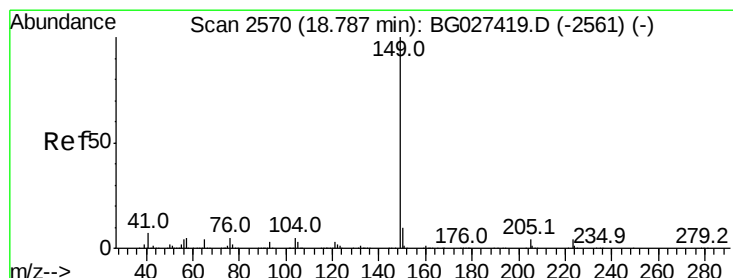
Tot Ion	Ratio	Resp	Lower	Upper
167	100	824298		
166	23.6		20.2	30.2
139	14.5		12.8	19.2

Manual Integrations
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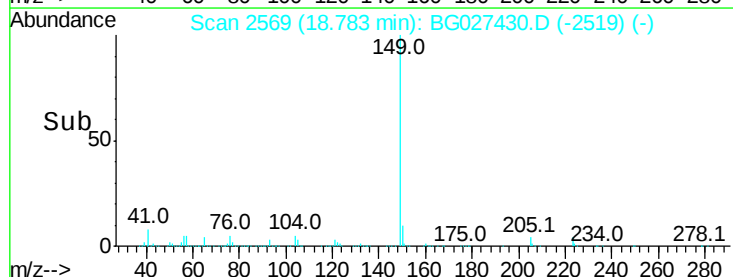
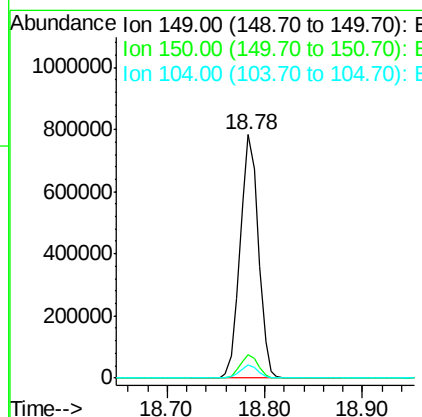
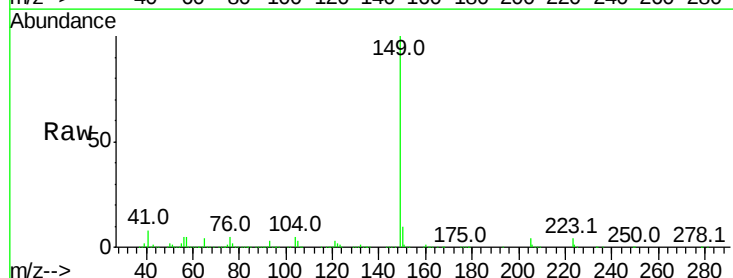
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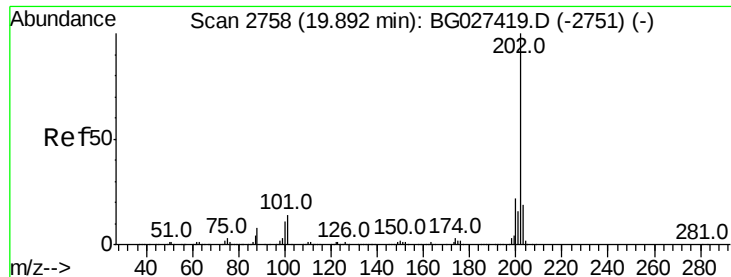
6/15/2017 3:57:26 PM



#73
 Di-n-butylphthalate
 Concen: 51.12 ng
 RT: 18.78 min Scan# 2569
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1013698		
150	9.9		9.1	13.7
104	5.4		6.7	10.1#





#74

Fluoranthene

Concen: 48.26 ng

RT: 19.89 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

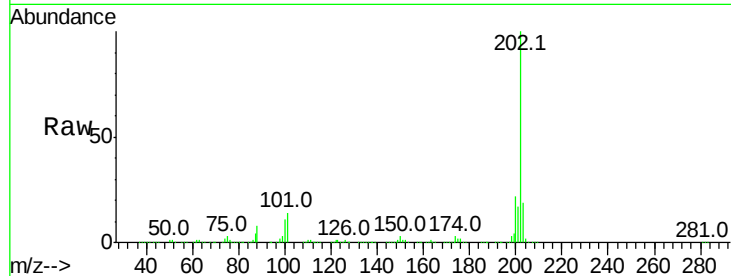
BNA_G

ClientSampleId :

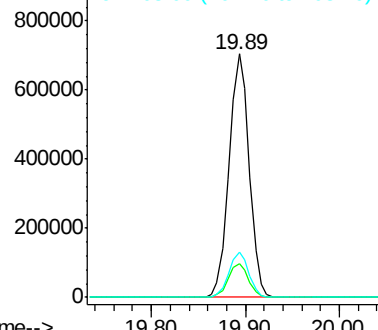
HA3-WC2MS

Tot Ion:	202	Resp:	1043513
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.1
203	18.6	1.3	41.3

Manual Integrations
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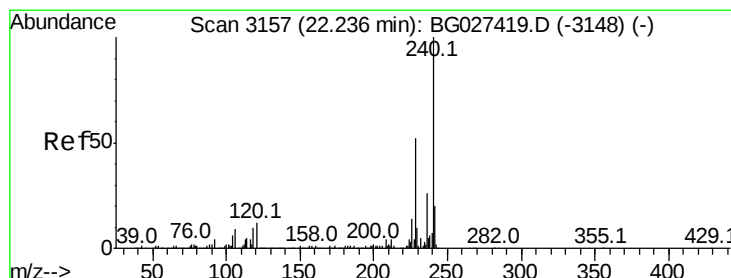
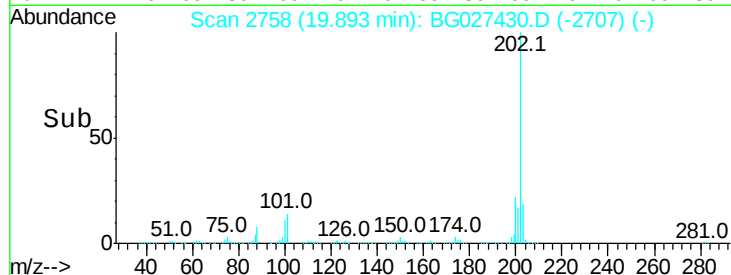


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.00 ng

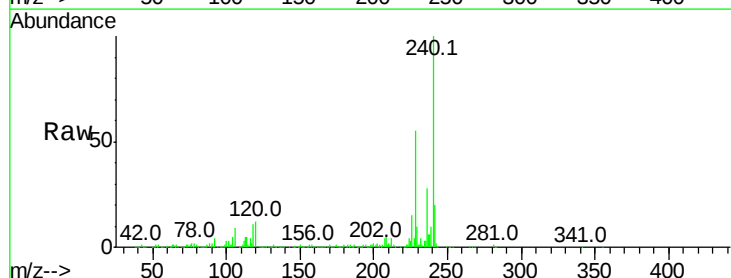
RT: 22.24 min Scan# 3157

Delta R.T. 0.00 min

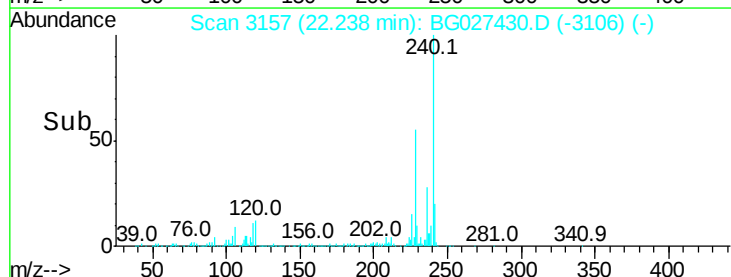
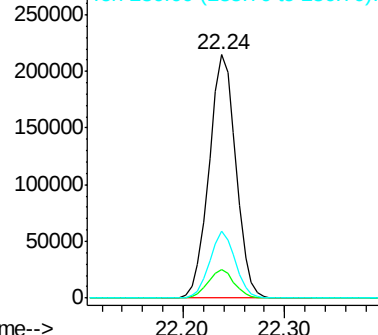
Lab File: BG027430.D

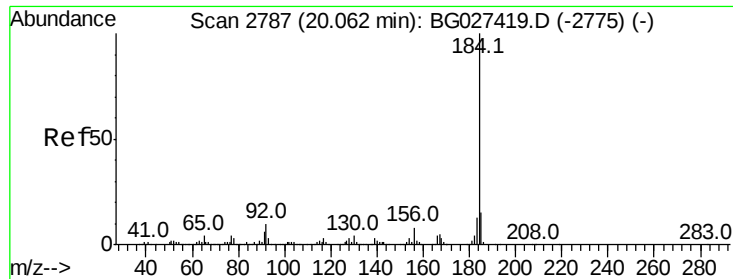
Acq: 14 Jun 2017 23:24

Tgt Ion:	240	Resp:	393509
Ion Ratio	Lower	Upper	
240	100		
120	11.6	5.7	8.5#
236	27.7	22.2	33.4



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





#76

Benzidine

Concen: 76.74 ng

RT: 20.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

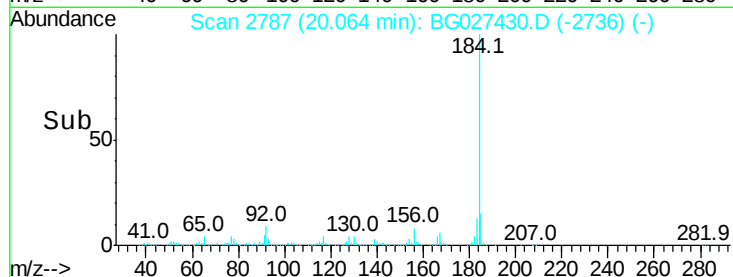
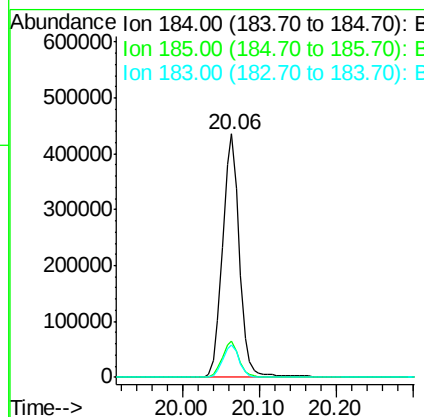
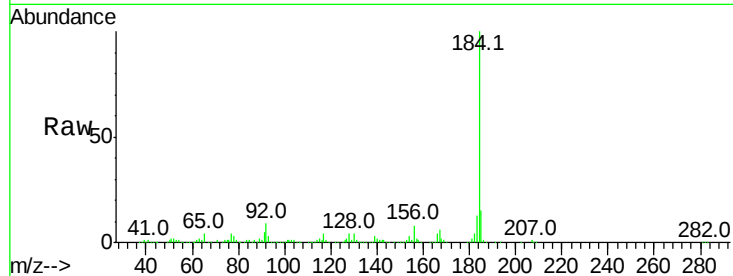
BNA_G

ClientSampleId :

HA3-WC2MS

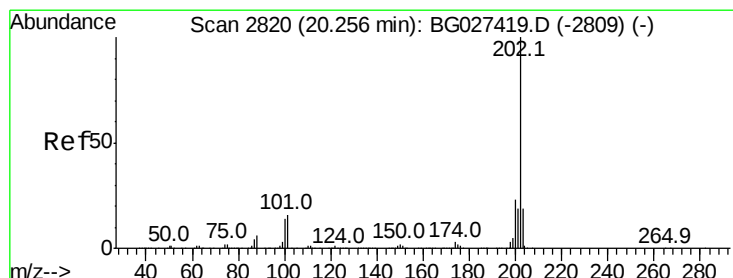
Tot Ion:	184	Resp:	662121
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.0	19.6
183	13.5	11.0	16.6

Manual Integrations
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#77

Pyrene

Concen: 49.25 ng

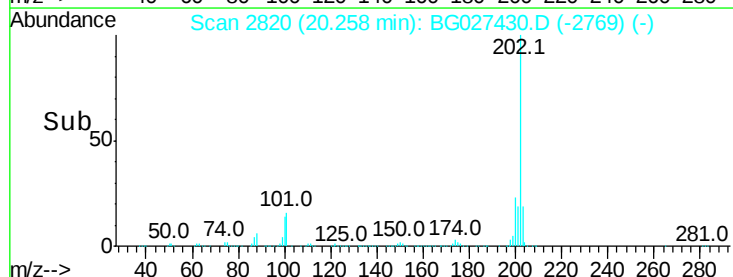
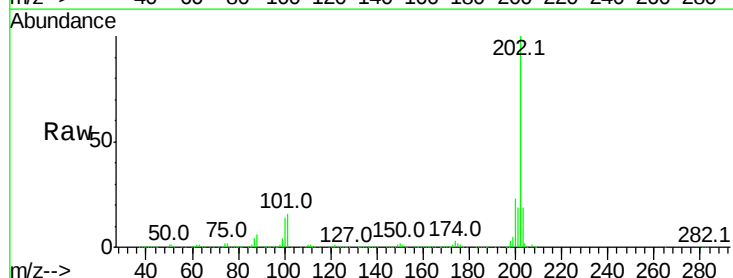
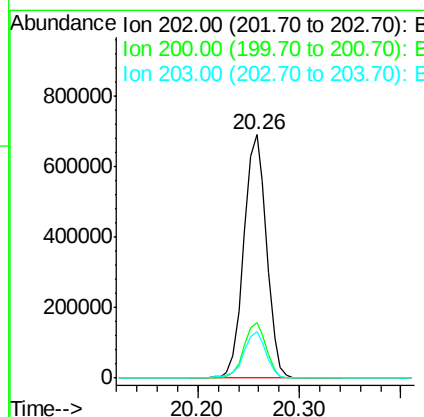
RT: 20.26 min Scan# 2820

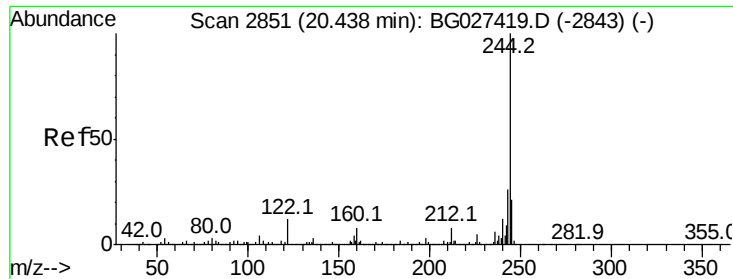
Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Tgt Ion:	202	Resp:	1068644
Ion Ratio	Lower	Upper	
202	100		
200	22.8	19.6	29.4
203	19.1	15.8	23.8



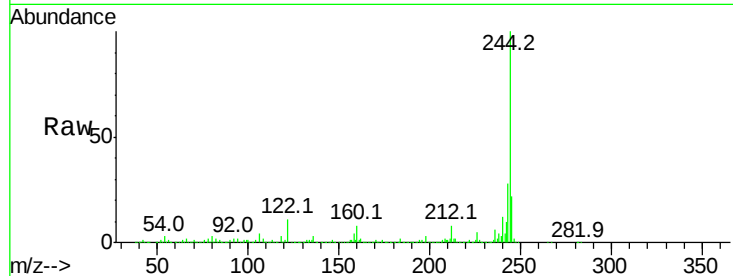


#78
 Terphenyl-d14
 Concen: 100.54 ng
 RT: 20.44 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

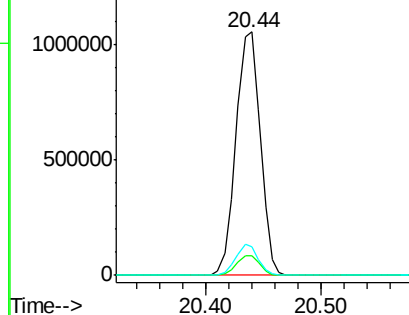
Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.5	8.6	12.8

Manual Integrations
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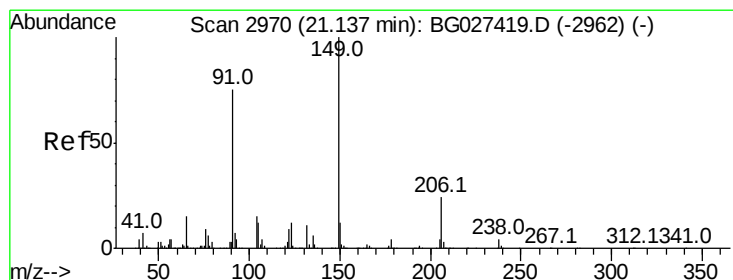
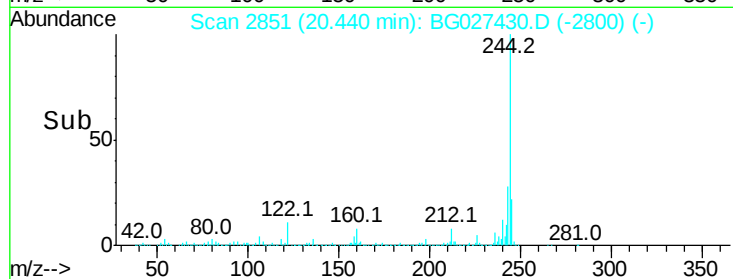


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



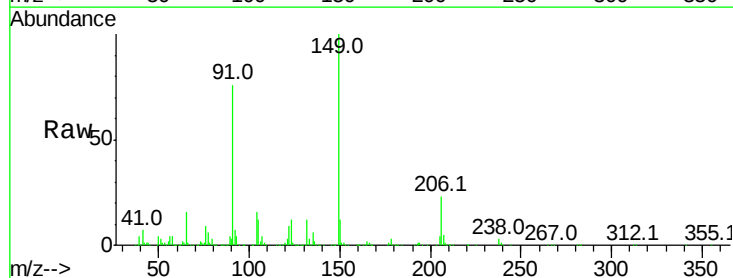
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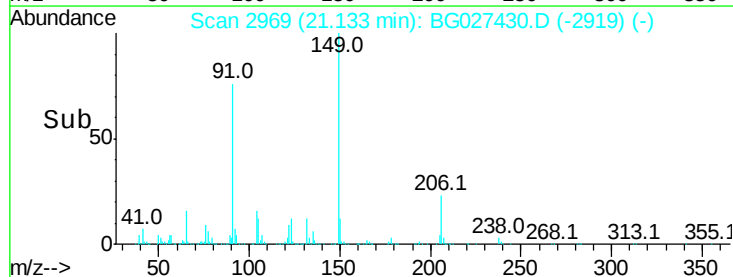
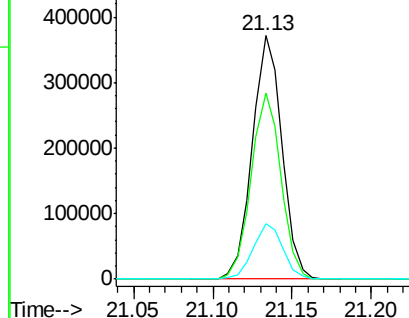


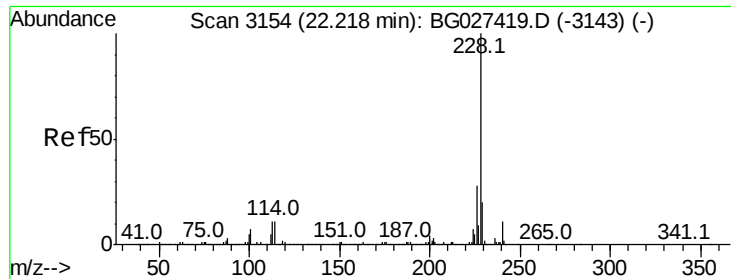
#79
 Butylbenzylphthalate
 Concen: 53.46 ng
 RT: 21.13 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	63.5	95.3
206	22.7	21.0	31.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E



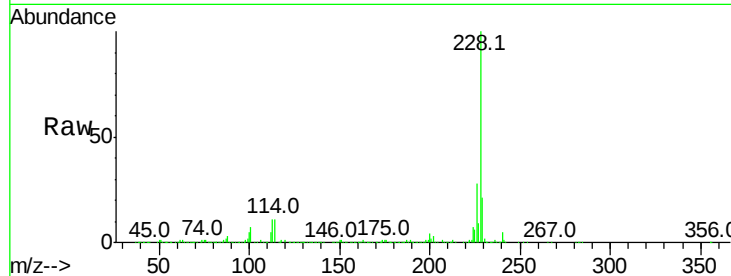


#80
Benzo(a)anthracene
Concen: 49.19 ng
RT: 22.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

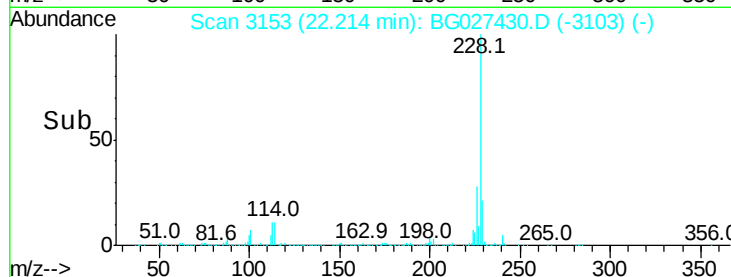
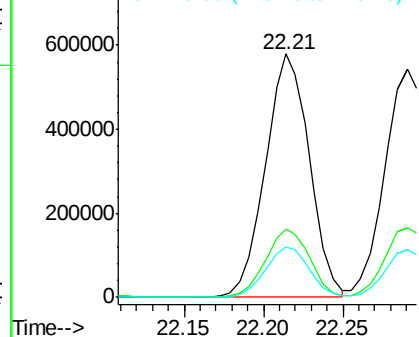
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	20.9	18.2	27.2

Manual Integrations
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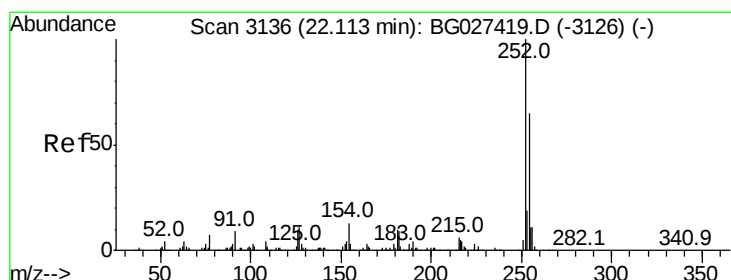


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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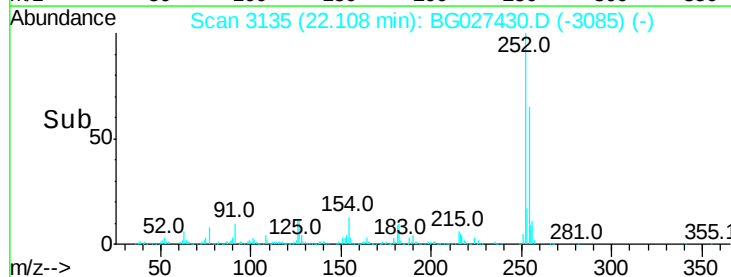
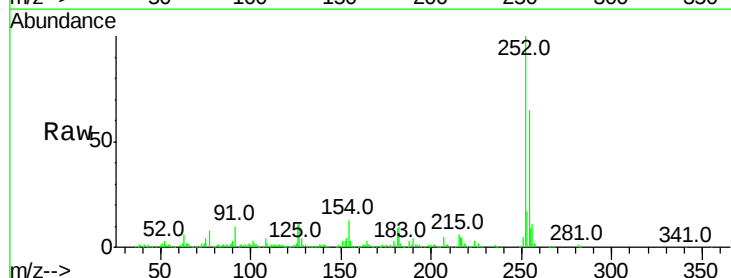
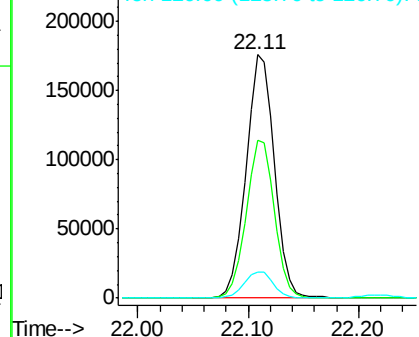
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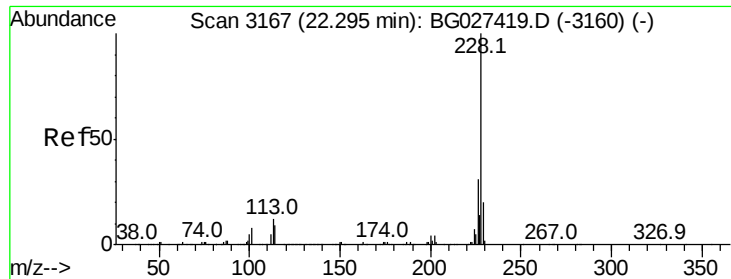


#81
3,3'-Dichlorobenzidine
Concen: 36.83 ng
RT: 22.11 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	10.9	7.0	10.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



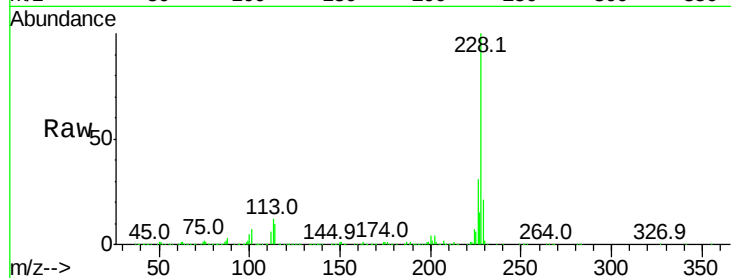


#82
 Chrysene
 Concen: 48.36 ng
 RT: 22.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Instrument :
 BNA_G
 ClientSampleId :
 HA3-WC2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	27.0	40.4
229	20.9	17.8	26.6

Manual Integrations
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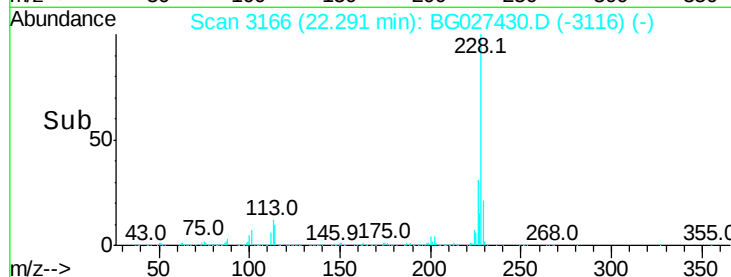
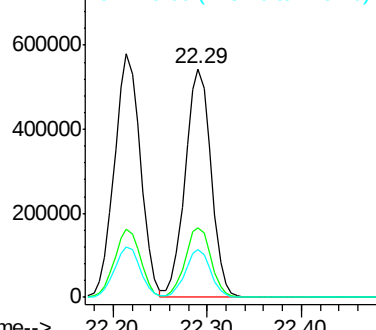


Abundance

Ion 228.00 (227.70 to 228.70): E

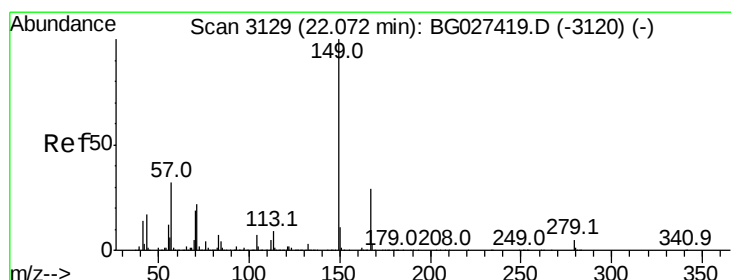
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



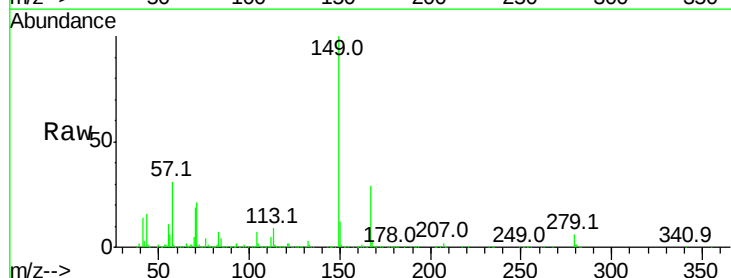
mohammad

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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.80 ng
 RT: 22.07 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG027430.D
 Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.7	35.5
279	5.5	4.6	6.8

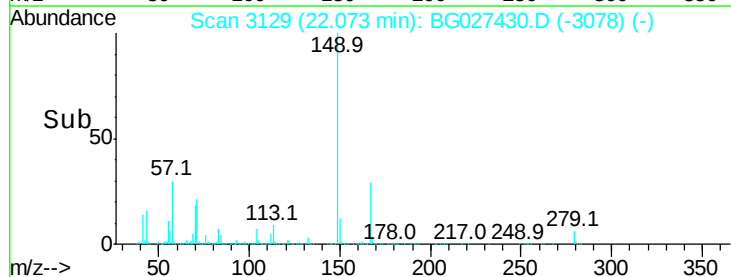
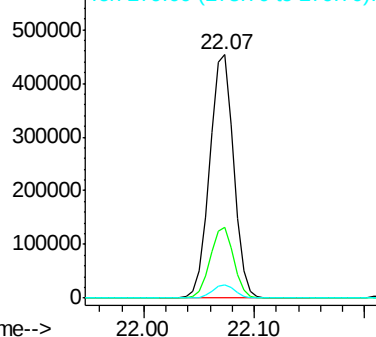


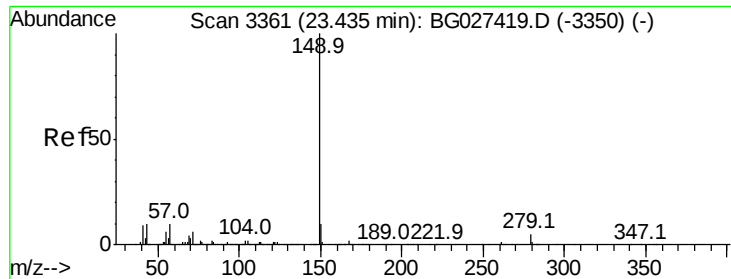
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.23 ng

RT: 23.44 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

Instrument :

BNA_G

ClientSampleId :

HA3-WC2MS

Tot Ion:149 Resp: 1189019

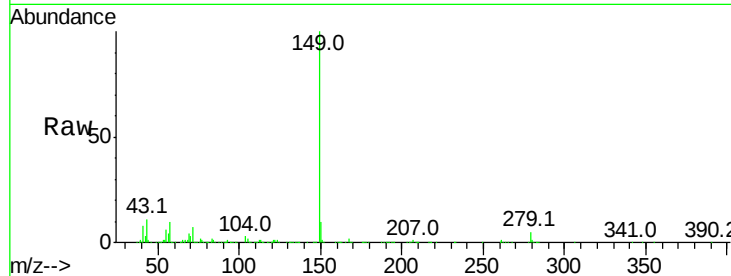
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 10.8 11.8 17.6#

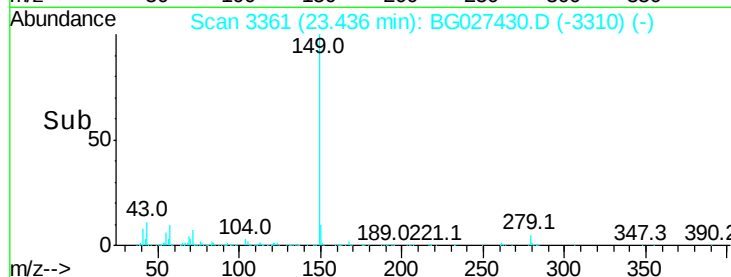
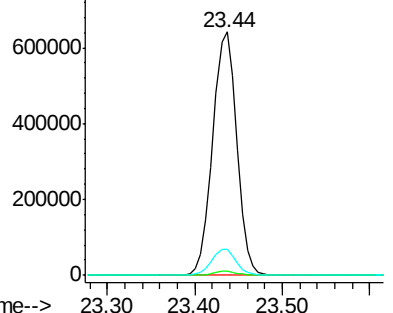
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

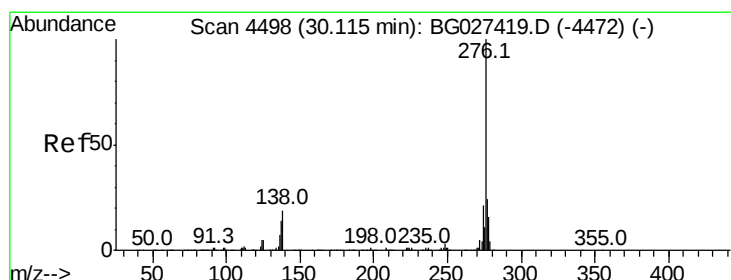
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



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#85

Indeno(1,2,3-cd)pyrene

Concen: 50.08 ng

RT: 30.10 min Scan# 4496

Delta R.T. -0.01 min

Lab File: BG027430.D

Acq: 14 Jun 2017 23:24

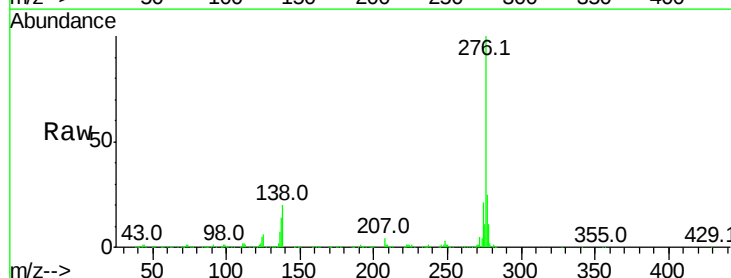
Tgt Ion:276 Resp: 1339760

Ion Ratio Lower Upper

276 100

138 24.4 4.7 7.1#

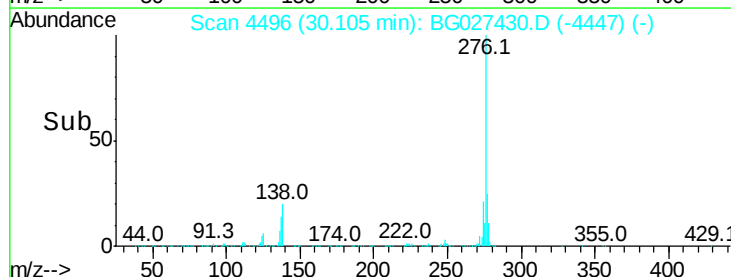
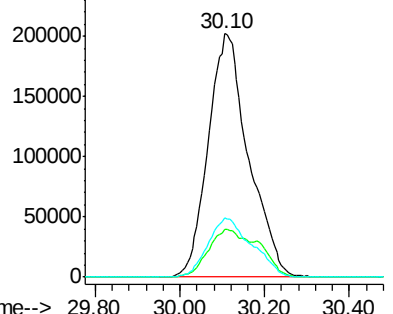
277 26.3 20.6 31.0

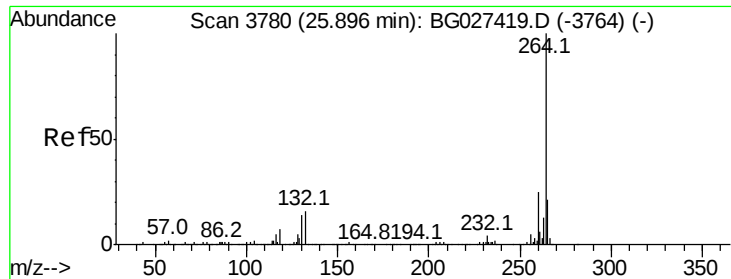


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



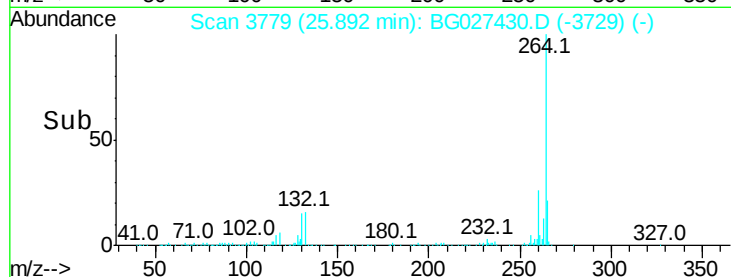
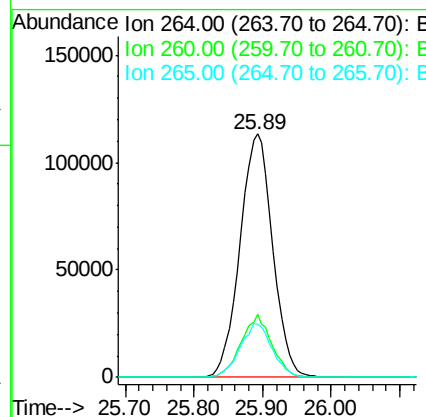
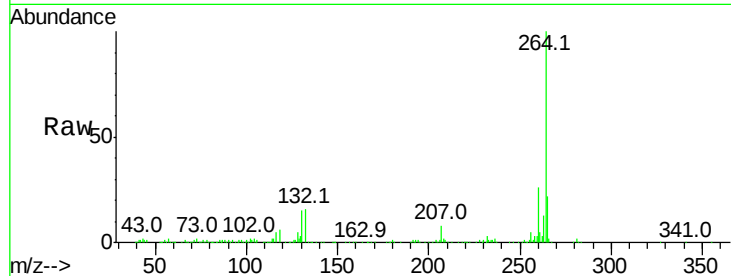


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.89 min Scan# 3779
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

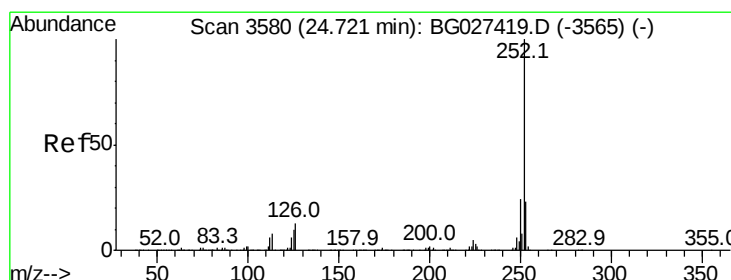
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.8	32.8
265	21.7	18.2	27.4

Manual Integrations
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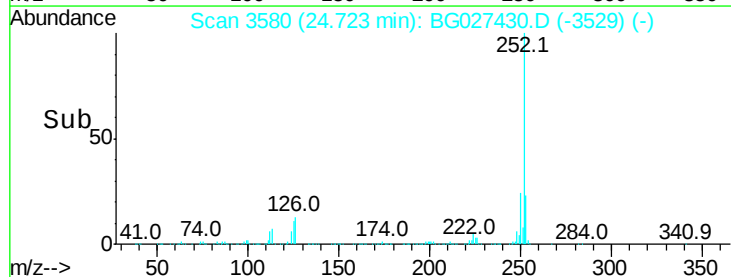
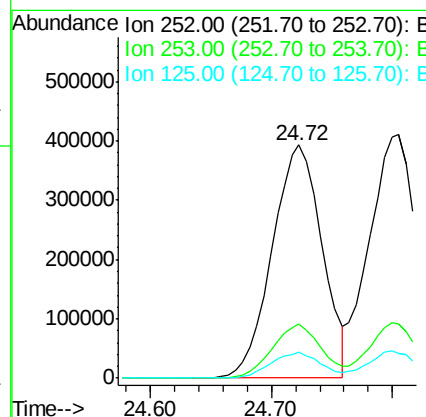
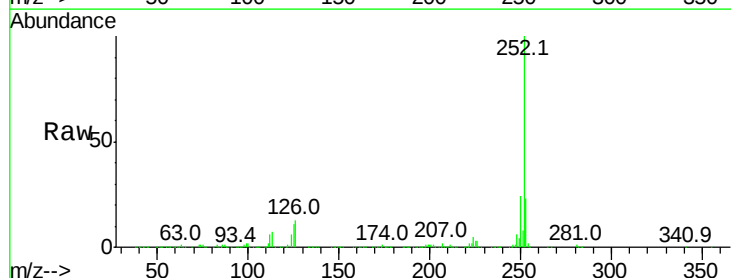
mohammad

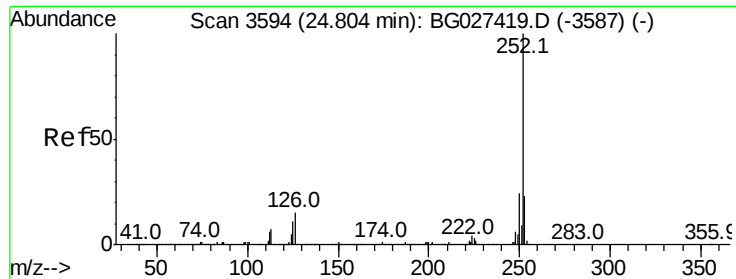
6/15/2017 3:57:26 PM



#87
Benzo(b)fluoranthene
Concen: 47.31 ng
RT: 24.72 min Scan# 3580
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	10.9	5.3	7.9



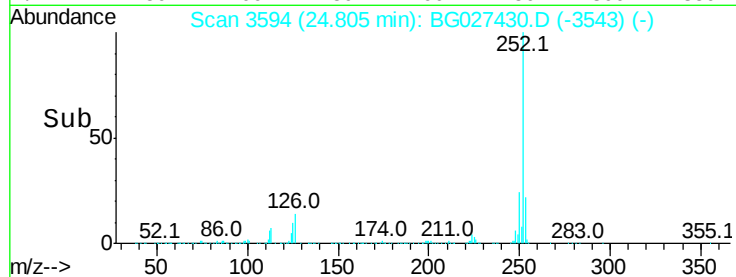
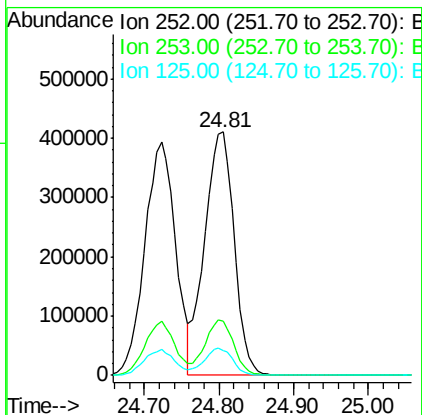
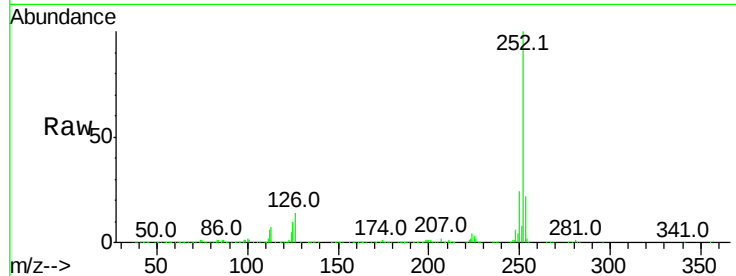


#88
Benzo(k)fluoranthene
Concen: 48.18 ng
RT: 24.81 min Scan# 3594
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

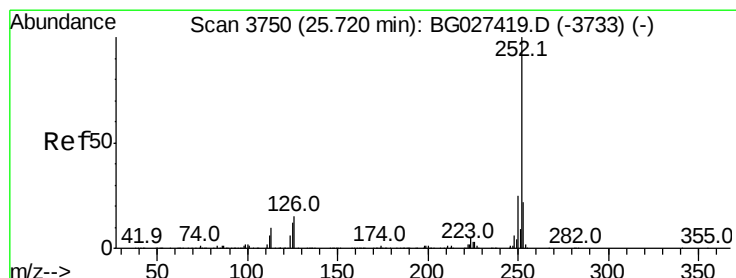
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	10.1	5.1	7.7#

Manual Integrations
APPROVED



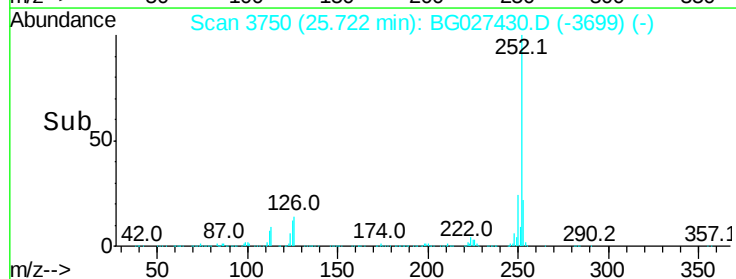
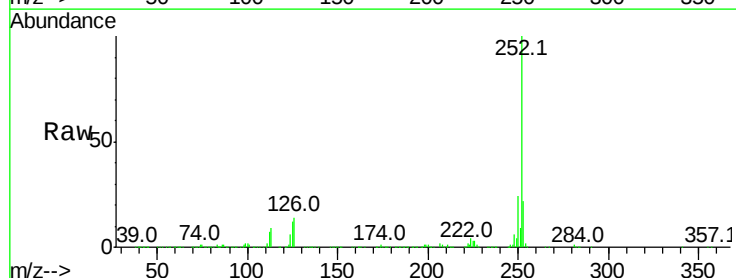
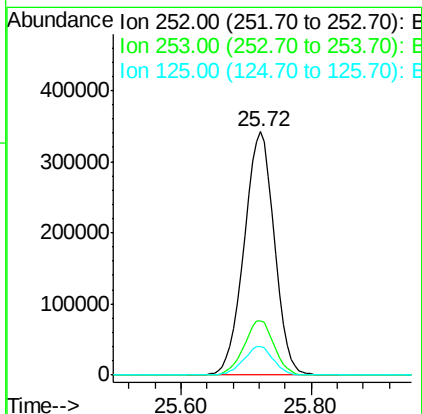
mohammad

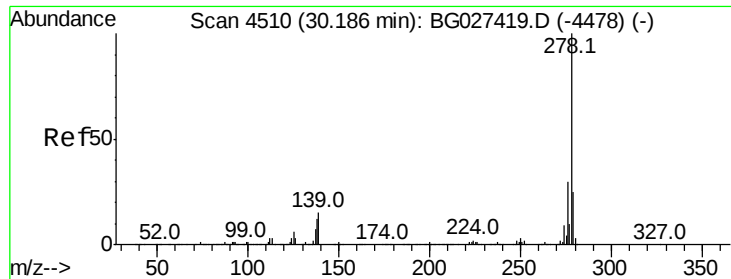
6/15/2017 3:57:26 PM



#89
Benzo(a)pyrene
Concen: 49.22 ng
RT: 25.72 min Scan# 3750
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	11.9	5.4	8.0#



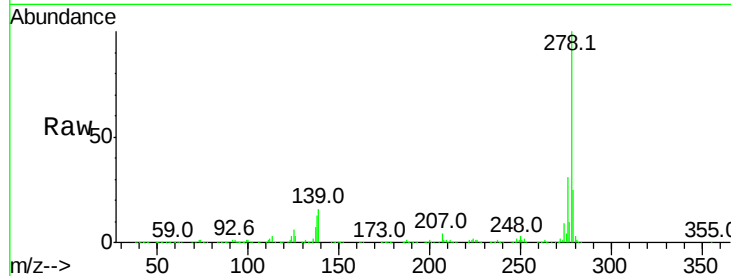


#90
Dibenzo(a,h)anthracene
Concen: 47.80 ng
RT: 30.19 min Scan# 4510
Delta R.T. 0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

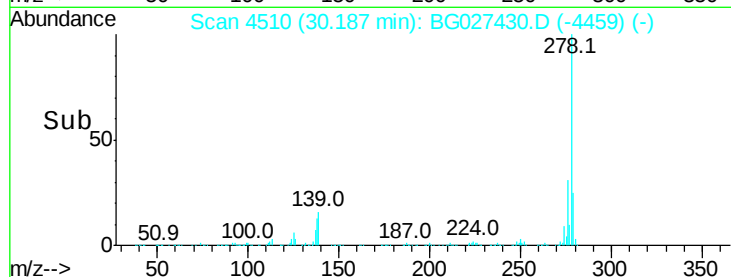
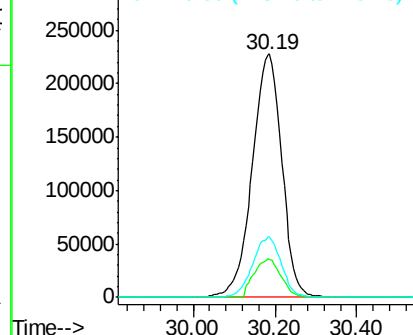
Instrument :
BNA_G
ClientSampleId :
HA3-WC2MS

Tot Ion:278 Resp: 1145877
Ion Ratio Lower Upper
278 100
139 15.7 7.7 11.5#
279 25.0 19.1 28.7

Manual Integrations
APPROVED

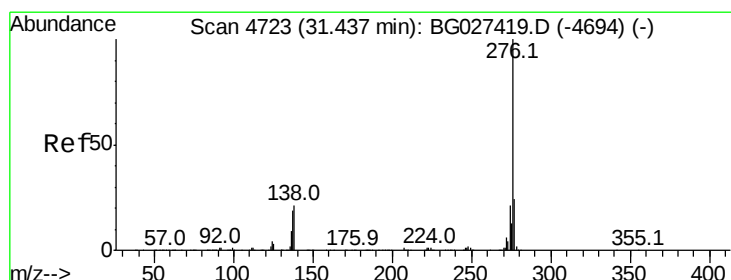


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



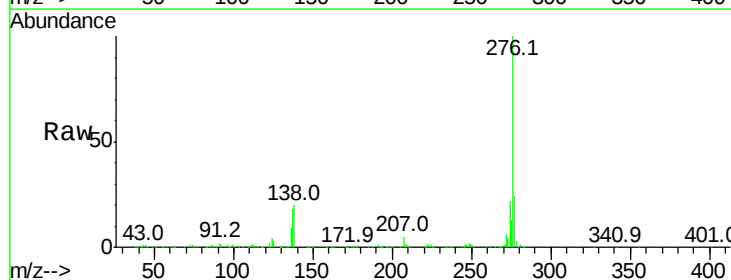
mohammad

6/15/2017 3:57:26 PM



#91
Benzo(g,h,i)perylene
Concen: 47.79 ng
RT: 31.43 min Scan# 4722
Delta R.T. -0.00 min
Lab File: BG027430.D
Acq: 14 Jun 2017 23:24

Tgt Ion:276 Resp: 1092958
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 20.1 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

