

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027896.D
 Acq On : 10 Jul 2017 20:47
 Operator : SJ/JU
 Sample : I4071-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Manual Integrations
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 7/11/2017 3:34:43 PM

Quant Time: Jul 11 13:21:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	39703	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	186821	20.00	ng	-0.01
38) Acenaphthene-d10	15.02	164	124351	20.00	ng	0.00
63) Phenanthrene-d10	17.76	188	313786	20.00	ng	-0.01
75) Chrysene-d12	22.11	240	334038	20.00	ng	-0.01
86) Perylene-d12	25.67	264	297204	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	6.00	112	317372	123.09	ng	0.00
7) Phenol-d6	7.57	99	421088	106.91	ng	0.00
23) Nitrobenzene-d5	9.58	82	247113	73.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	291189	170.72	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	716740	82.32	ng	-0.01
78) Terphenyl-d14	20.35	244	1209718	84.90	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	32093	33.433	ng	# 70
3) Pyridine	4.45	79	59969m	20.289	ng	
4) n-Nitrosodimethylamine	4.26	42	28473	19.644	ng	# 1
8) 2-Chlorophenol	7.99	128	122208	42.417	ng	# 79
9) Benzaldehyde	7.56	77	62235	26.553	ng	# 77
10) Phenol	7.60	94	145263	37.277	ng	# 65
11) bis(2-Chloroethyl)ether	7.82	93	172623	58.318	ng	# 72
12) 1,3-Dichlorobenzene	8.31	146	102707	33.515	ng	# 86
13) 1,4-Dichlorobenzene	8.45	146	107567	33.875	ng	95
14) 1,2-Dichlorobenzene	8.78	146	105804	34.365	ng	92
15) Benzyl Alcohol	8.65	79	75600	27.746	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.93	45	128221	20.309	ng	83
17) 2-Methylphenol	8.85	107	108446	39.335	ng	# 81
18) Hexachloroethane	9.50	117	35373	31.669	ng	80
19) n-Nitroso-di-n-propylamine	9.21	70	91360	31.882	ng	# 69
20) 3+4-Methylphenols	9.18	107	151768	38.173	ng	84
22) Acetophenone	9.23	105	179376	39.789	ng	# 72
24) Nitrobenzene	9.63	77	123000	35.103	ng	# 76
25) Isophorone	10.14	82	271549	37.170	ng	# 91
26) 2-Nitrophenol	10.34	139	65427	41.338	ng	# 61
27) 2,4-Dimethylphenol	10.38	122	137376	46.341	ng	87
28) bis(2-Chloroethoxy)methane	10.61	93	164134	39.628	ng	97
29) 2,4-Dichlorophenol	10.88	162	121096	46.612	ng	97
30) 1,2,4-Trichlorobenzene	11.09	180	102342	38.626	ng	98
31) Naphthalene	11.29	128	383121	38.563	ng	98
32) Benzoic acid	10.52	122	64904	38.069	ng	# 73
33) 4-Chloroaniline	11.46	127	94722	22.069	ng	# 82
34) Hexachlorobutadiene	11.56	225	50882	34.465	ng	97
35) Caprolactam	12.18	113	45787m	35.040	ng	
36) 4-Chloro-3-methylphenol	12.48	107	156604	42.839	ng	# 84
37) 2-Methylnaphthalene	12.86	142	303987	41.080	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	132030	40.405	ng	100
40) Hexachlorocyclopentadiene	13.19	237	140850	91.422	ng	95
42) 2,4,6-Trichlorophenol	13.45	196	105302	44.618	ng	96

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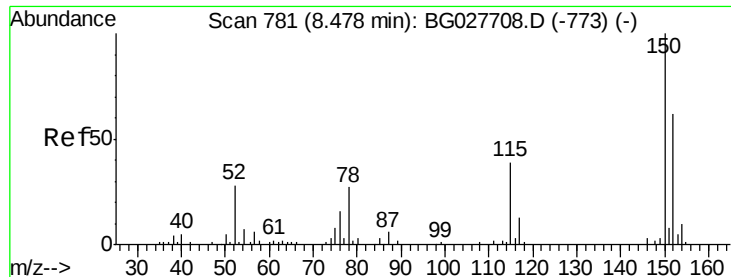
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Quant Time: Jul 11 13:21:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.54	196	118866	44.450	ng	92
45) 1,1'-Biphenyl	13.85	154	409271	41.062	ng	98
46) 2-Chloronaphthalene	13.90	162	299633	39.795	ng	97
47) 2-Nitroaniline	14.10	65	100465	33.335	ng	# 51
48) Acenaphthylene	14.74	152	547170	39.770	ng	97
49) Dimethylphthalate	14.45	163	455434	42.933	ng	98 mohammad
50) 2,6-Dinitrotoluene	14.58	165	102865	44.608	ng	# 60
51) Acenaphthene	15.08	154	338192	38.352	ng	96
52) 3-Nitroaniline	14.92	138	88967	32.794	ng	# 73
53) 2,4-Dinitrophenol	15.12	184	125612	97.191	ng	# 70
54) Dibenzofuran	15.41	168	534310	45.824	ng	90 7/11/2017 3:34:43 PM
55) 4-Nitrophenol	15.22	139	156459	75.552	ng	# 37
56) 2,4-Dinitrotoluene	15.37	165	148967	46.315	ng	# 72
57) Fluorene	16.06	166	489082	43.261	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	116594	50.578	ng	# 98
59) Diethylphthalate	15.80	149	493449	42.009	ng	97
60) 4-Chlorophenyl-phenylether	16.04	204	216693	43.298	ng	92
61) 4-Nitroaniline	16.09	138	114686	40.578	ng	# 49
62) Azobenzene	16.33	77	421384	40.825	ng	80
64) 4,6-Dinitro-2-methylphenol	16.13	198	80010	41.758	ng	83
65) n-Nitrosodiphenylamine	16.26	169	432049	42.327	ng	99
66) 4-Bromophenyl-phenylether	16.94	248	149007	45.403	ng	93
67) Hexachlorobenzene	17.07	284	168169	48.385	ng	# 86
68) Atrazine	17.20	200	104602	32.458	ng	93
69) Pentachlorophenol	17.41	266	191789	85.933	ng	96
70) Phenanthrene	17.81	178	788426	43.524	ng	95
71) Anthracene	17.90	178	783828	42.850	ng	97
72) Carbazole	18.17	167	657073	36.473	ng	95
73) Di-n-butylphthalate	18.69	149	768042	38.795	ng	# 92
74) Fluoranthene	19.80	202	785147	39.658	ng	92
76) Benzidine	20.01	184	4301	3.722	ng	96
77) Pyrene	20.16	202	801082	38.214	ng	96
79) Butylbenzylphthalate	21.03	149	348505	36.912	ng	85
80) Benzo(a)anthracene	22.09	228	792749	39.254	ng	95
81) 3,3'-Dichlorobenzidine	21.99	252	180946	24.686	ng	# 98
82) Chrysene	22.16	228	745904	39.404	ng	95
83) Bis(2-ethylhexyl)phthalate	21.94	149	503270	36.476	ng	100
84) Di-n-octyl phthalate	23.27	149	866816	38.027	ng	# 82
85) Indeno(1,2,3-cd)pyrene	29.77	276	945703	43.711	ng	# 86
87) Benzo(b)fluoranthene	24.53	252	808790	42.240	ng	# 94
88) Benzo(k)fluoranthene	24.61	252	799876	42.261	ng	# 92
89) Benzo(a)pyrene	25.50	252	764525	42.552	ng	# 91
90) Dibenzo(a,h)anthracene	29.84	278	815431	44.800	ng	# 92
91) Benzo(g,h,i)perylene	31.06	276	758094	43.338	ng	# 87

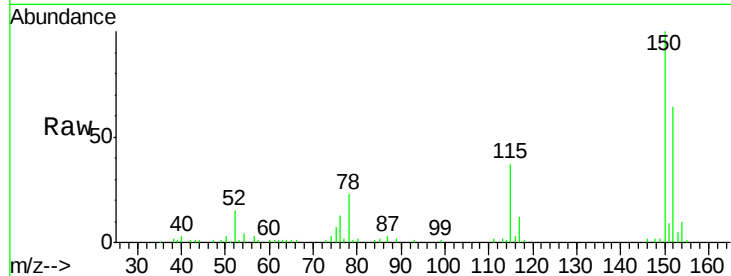
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

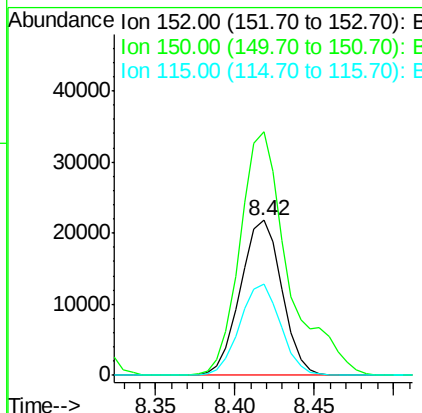
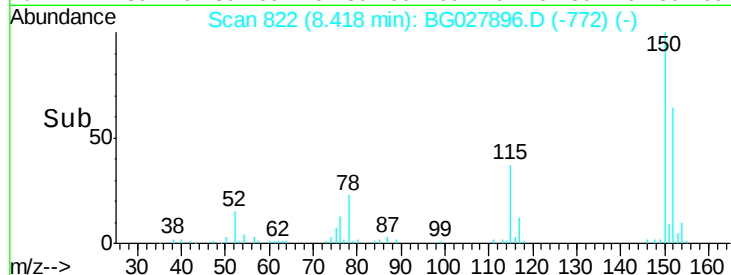
Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	114.0	171.0
115	58.7	48.1	72.1

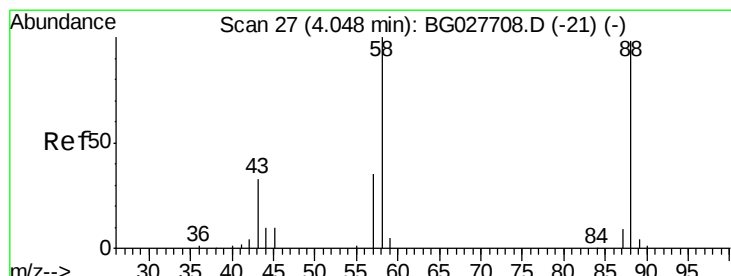
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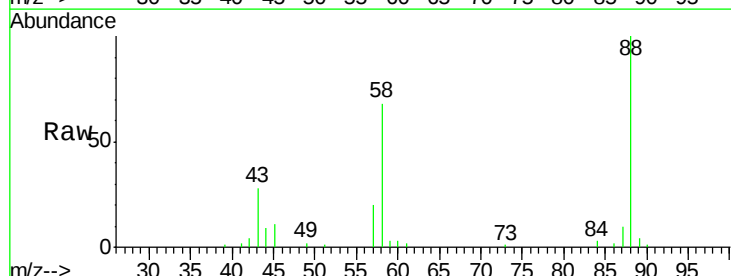
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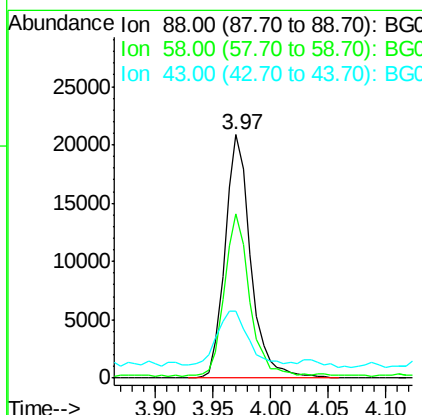
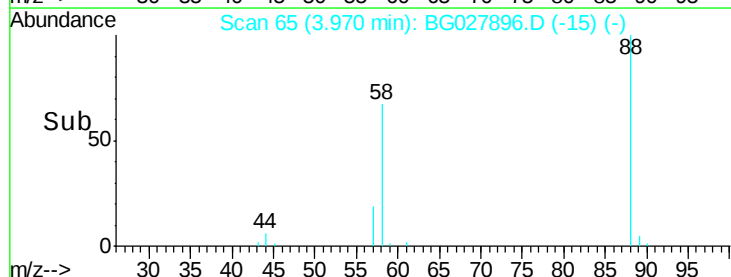


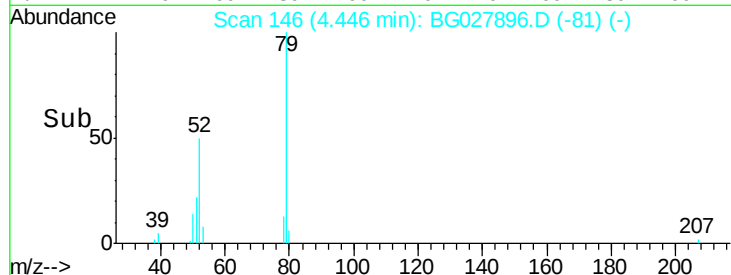
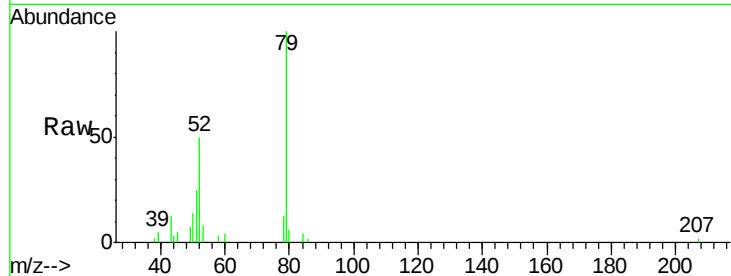
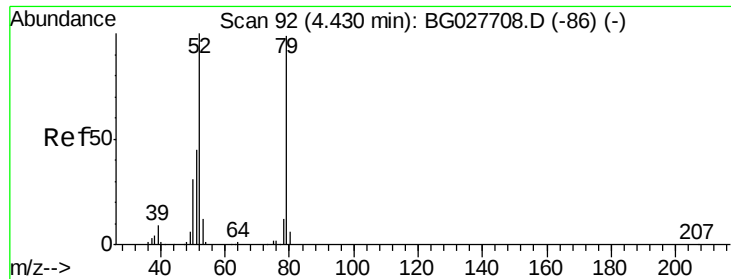
#2

1,4-Dioxane
Concen: 33.433 ng
RT: 3.97 min Scan# 65
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47



Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	79.4	119.2#
43	28.0	33.8	50.6#





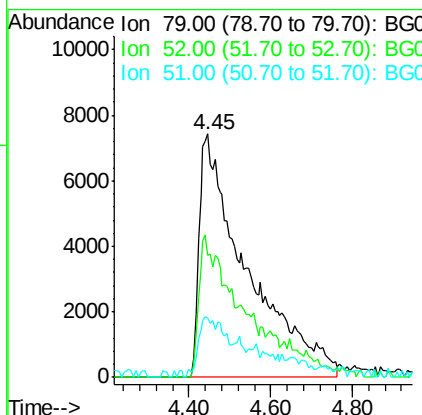
#3
 Pyridine
 Concen: 20.289 ng m
 RT: 4.45 min Scan# 146
 Delta R.T. 0.08 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
79	100		
52	50.2	77.8	116.6#
51	24.5	43.2	64.8#

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

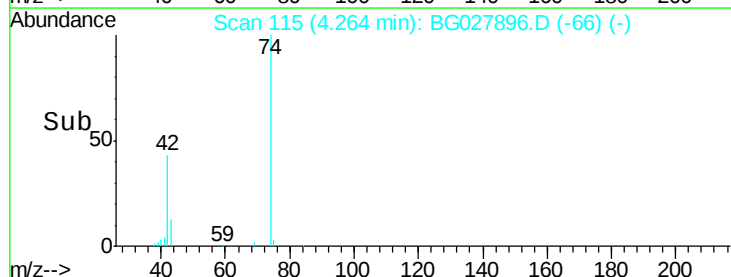
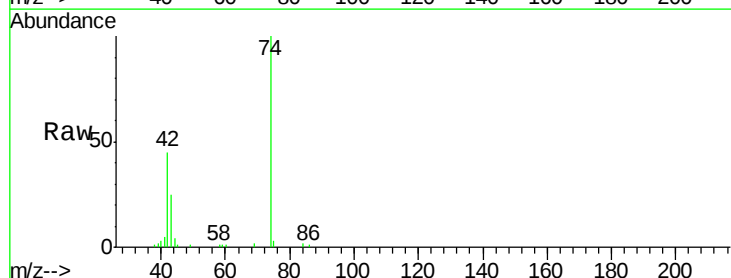
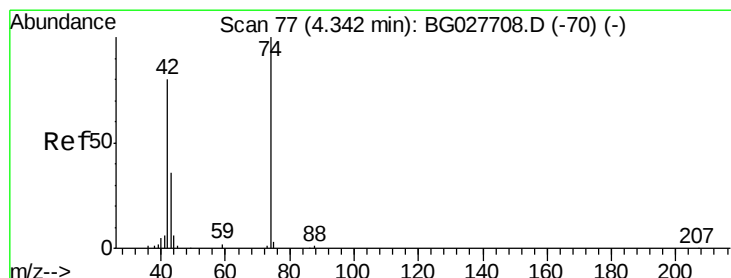
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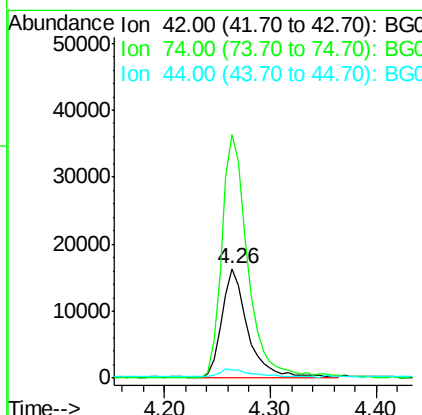
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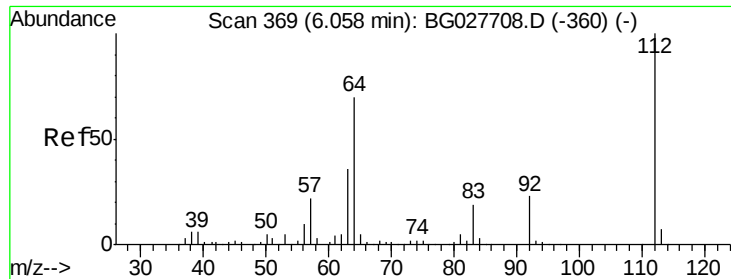
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#4
 n-Nitrosodimethylamine
 Concen: 19.644 ng
 RT: 4.26 min Scan# 115
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	222.0	76.7	115.1#
44	7.8	6.1	9.1





#5

2-Fluorophenol

Concen: 123.095 ng

RT: 6.00 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

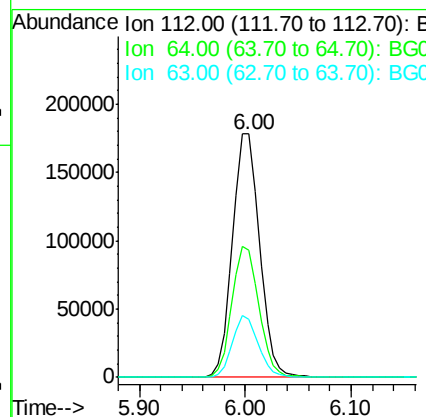
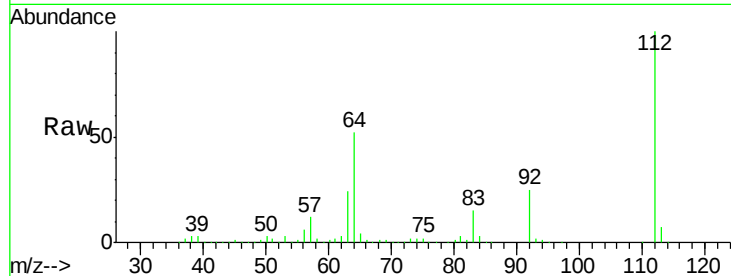
ClientSampleId :

HR-06-070617-AMSD

Tgt Ion:	112	Resp:	317372
Ion Ratio	Lower	Upper	
112	100		
64	52.1	61.8	92.6#
63	23.7	37.2	55.8#

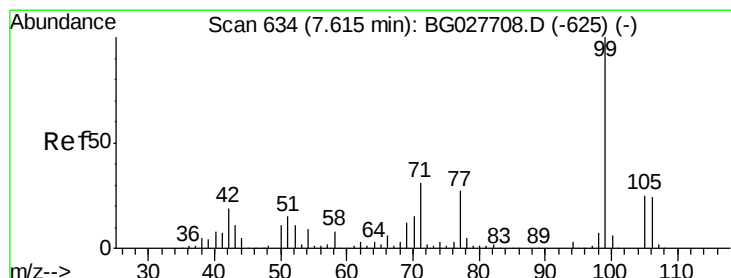
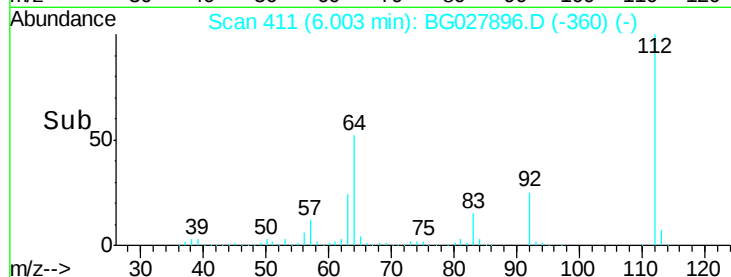
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#7

Phenol-d6

Concen: 106.908 ng

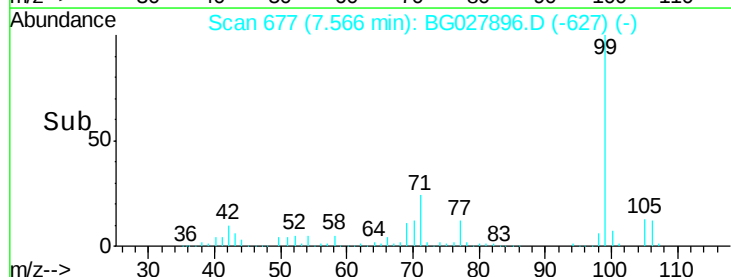
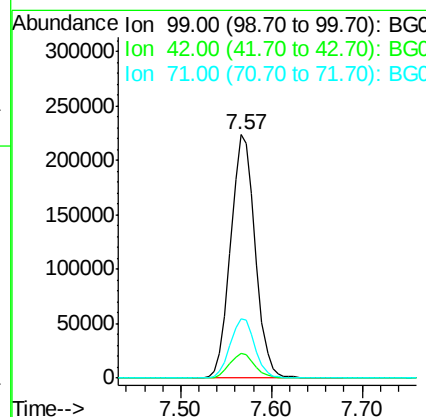
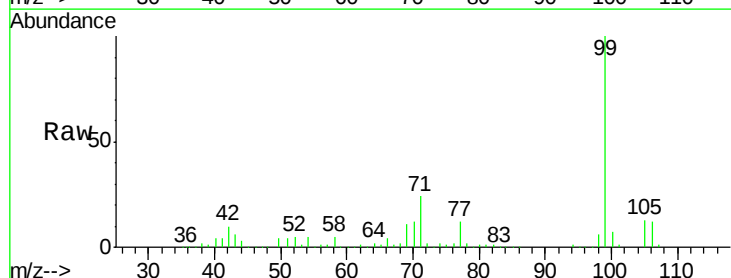
RT: 7.57 min Scan# 677

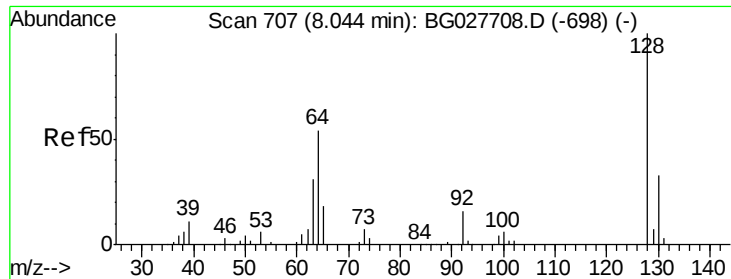
Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Tgt Ion:	99	Resp:	421088
Ion Ratio	Lower	Upper	
99	100		
42	10.4	20.5	30.7#
71	24.2	37.6	56.4#





#8

2-Chlorophenol

Concen: 42.417 ng

RT: 7.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

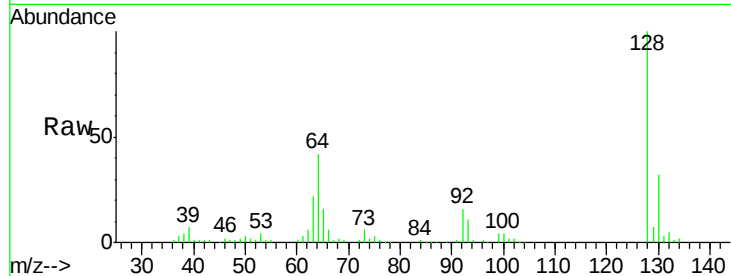
ClientSampleId :

HR-06-070617-AMSD

Tgt Ion:	128	Resp:	122208
Ion Ratio		Lower	Upper
128	100		
130	32.1	11.4	51.4
64	41.9	46.6	86.6#

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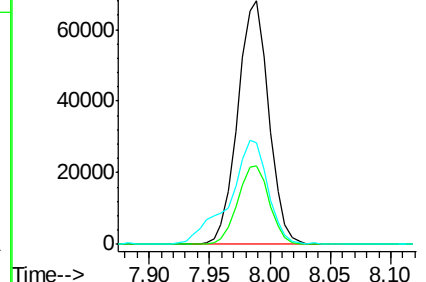
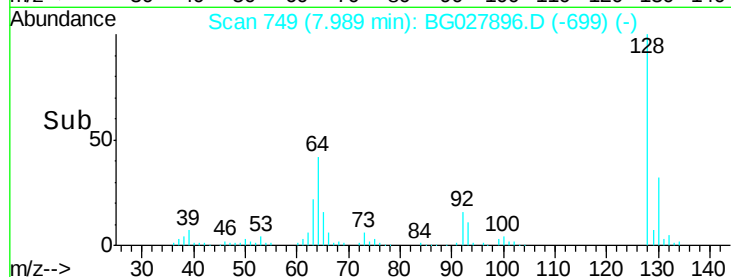
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Abundance Ion 128.00 (127.70 to 128.70): B

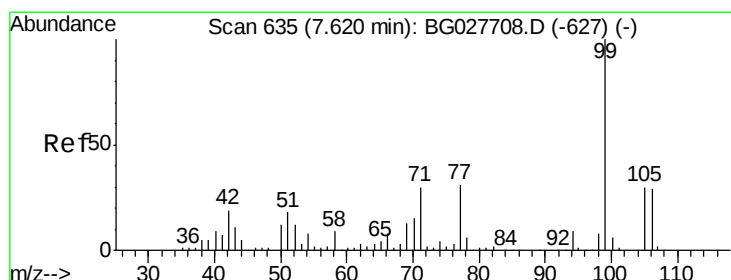
Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



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#9

Benzaldehyde

Concen: 26.553 ng

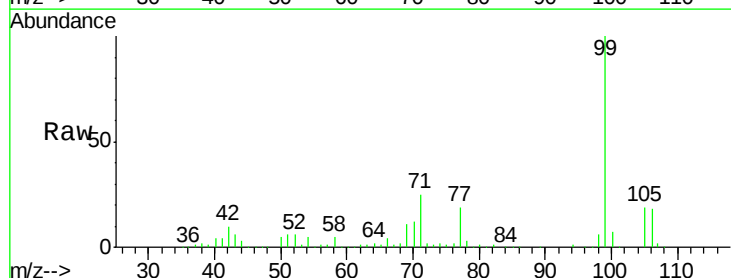
RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

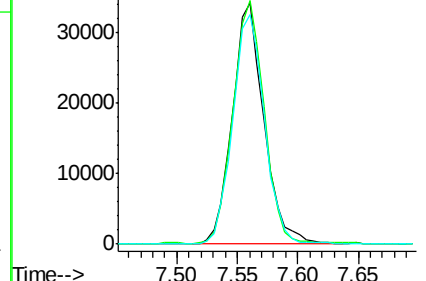
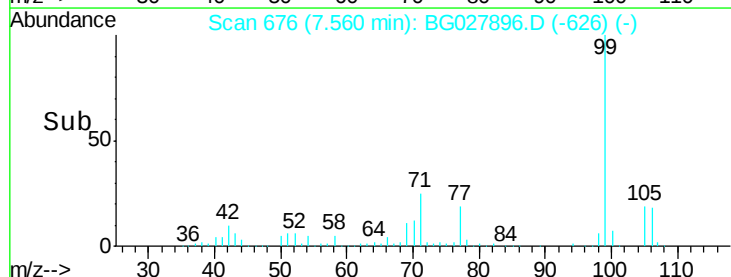
Tgt Ion:	77	Resp:	62235
Ion Ratio		Lower	Upper
77	100		
105	101.3	60.9	100.9#
106	95.5	55.1	95.1#

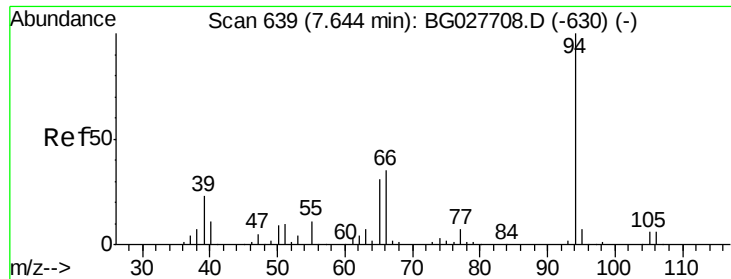


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





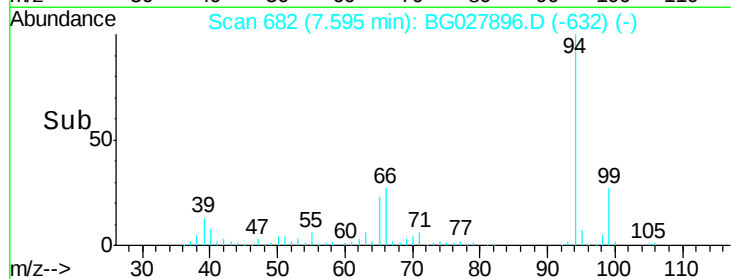
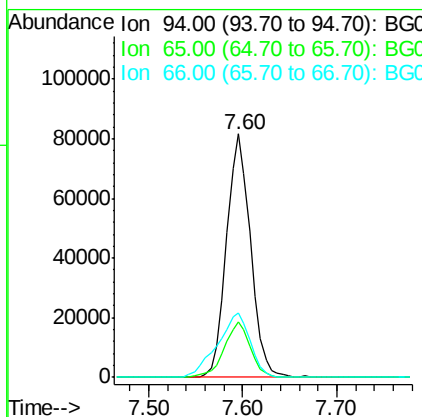
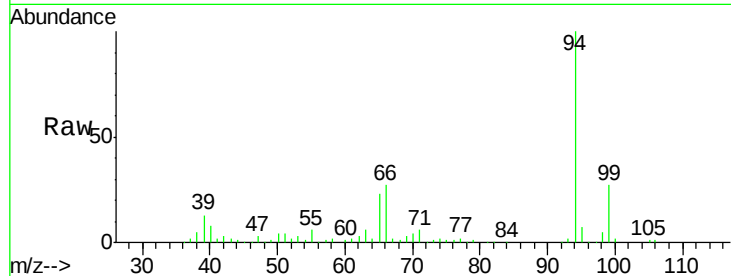
#10
Phenol
Concen: 37.277 ng
RT: 7.60 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.6	20.6	60.6
66	26.5	35.5	75.5#

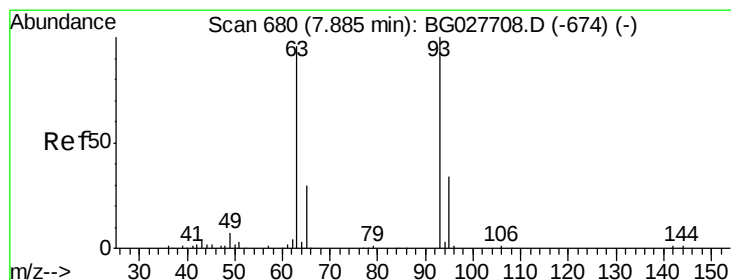
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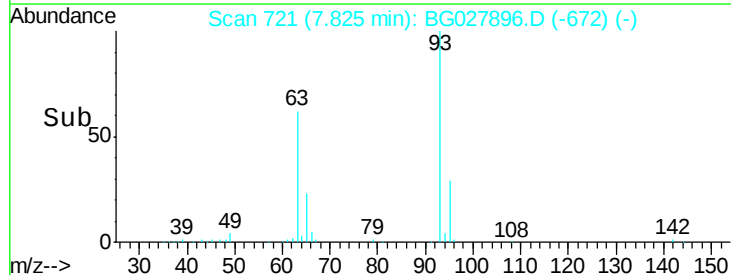
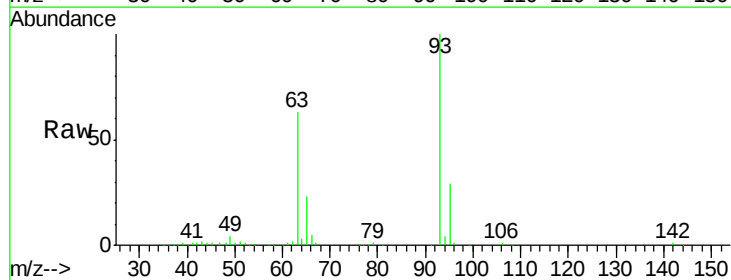
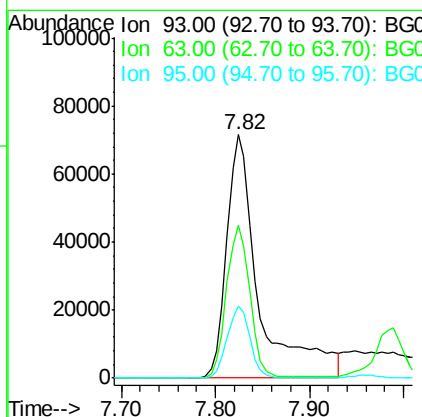
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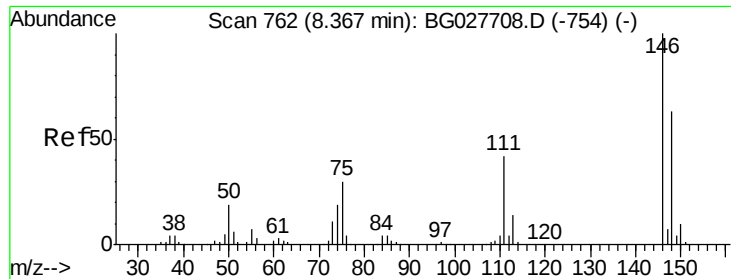
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#11
bis(2-Chloroethyl)ether
Concen: 58.318 ng
RT: 7.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
63	62.6	78.5	118.5#
95	29.5	9.8	49.8





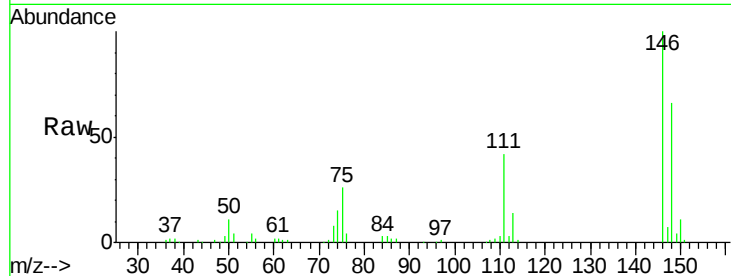
#12
 1,3-Dichlorobenzene
 Concen: 33.515 ng
 RT: 8.31 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

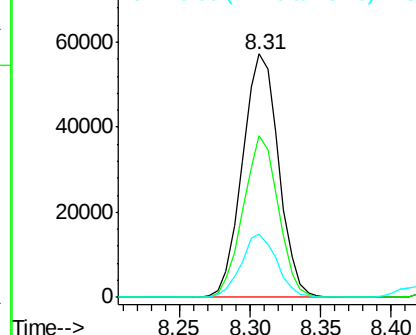
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	102707		
148	66.2	49.2	73.8	
75	26.0	33.4	50.2	

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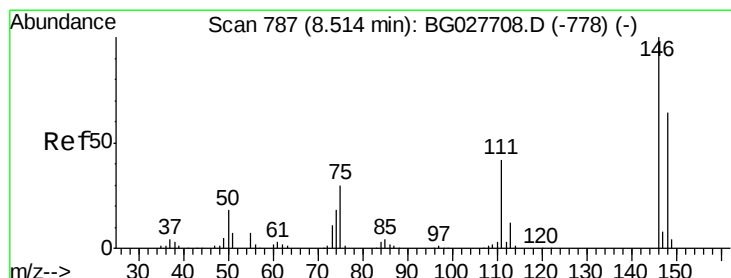
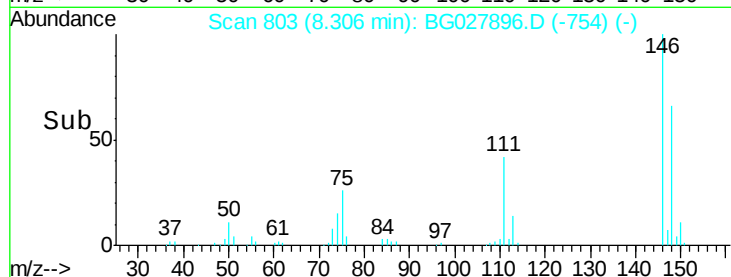


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B



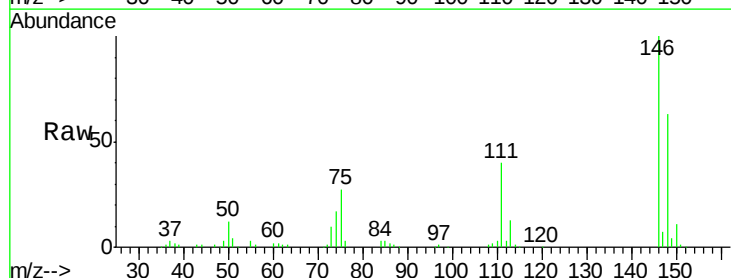
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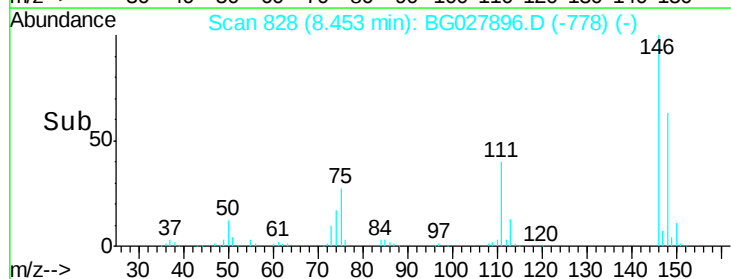
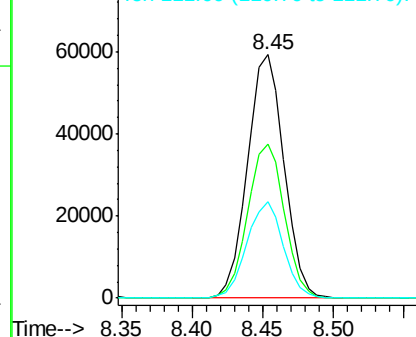


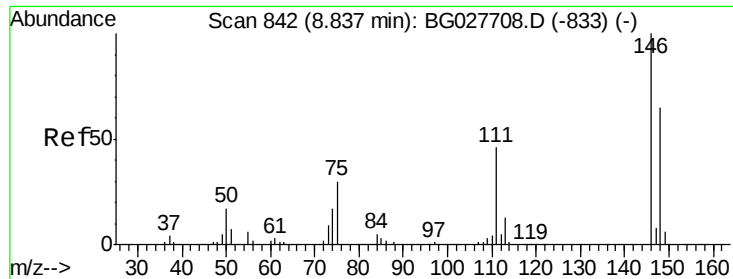
#13
 1,4-Dichlorobenzene
 Concen: 33.875 ng
 RT: 8.45 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	107567		
148	63.4	52.2	78.2	
111	39.9	37.0	55.6	



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





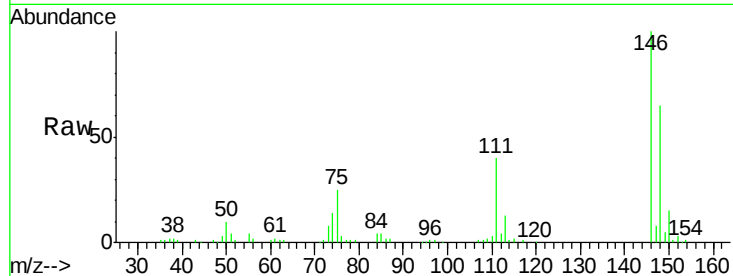
#14
1,2-Dichlorobenzene
Concen: 34.365 ng
RT: 8.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

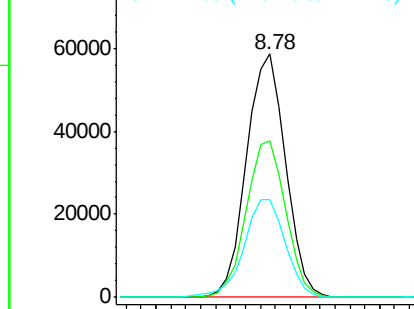
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.6	81.8
111	40.2	39.7	59.5

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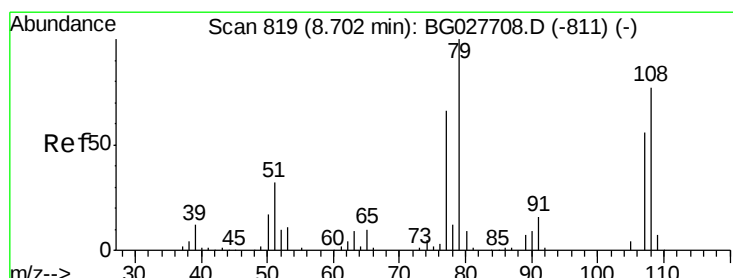
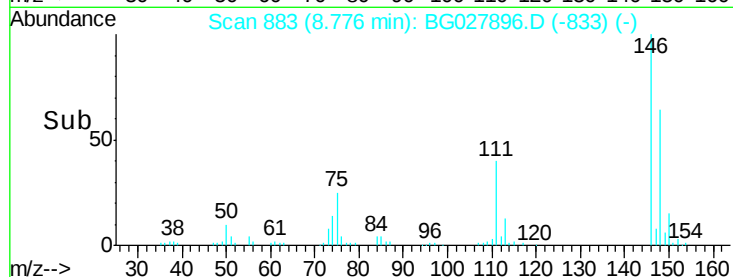


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



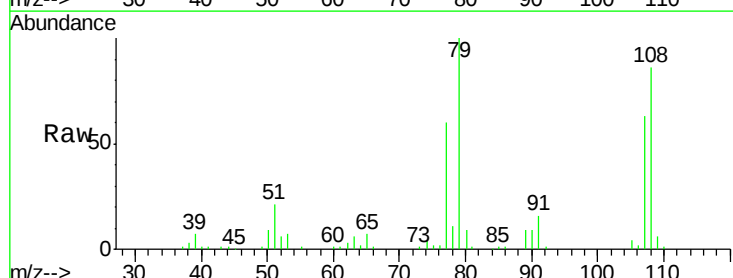
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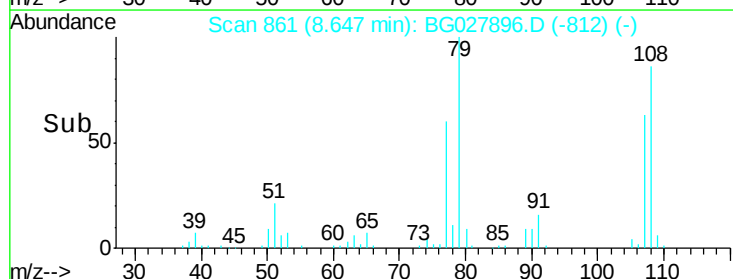
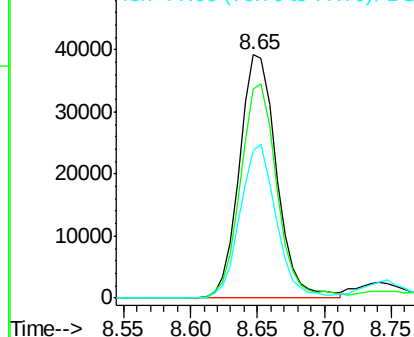


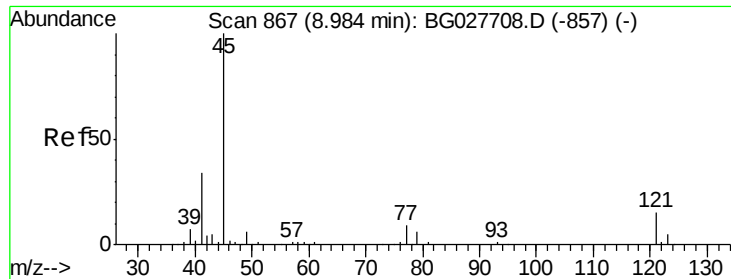
#15
Benzyl Alcohol
Concen: 27.746 ng
RT: 8.65 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
79	100		
108	85.7	45.5	68.3#
77	60.4	54.3	81.5



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





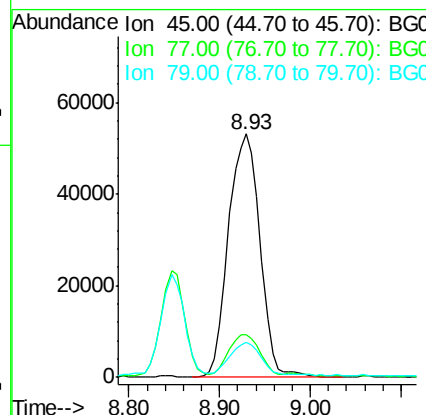
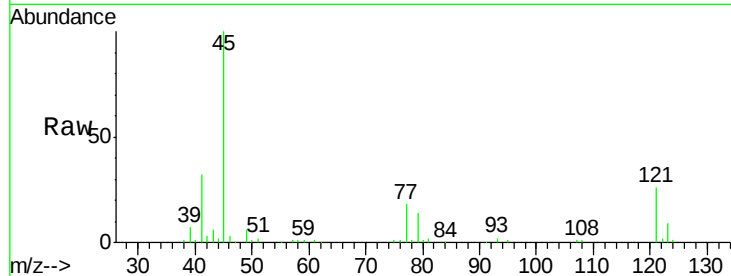
#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.309 ng
RT: 8.93 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	128221		
77	17.5	0.0	30.6	
79	14.2	0.0	28.5	

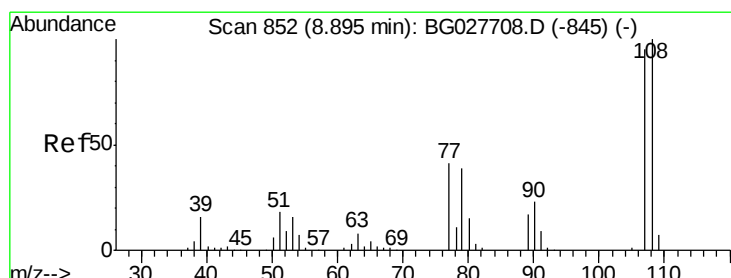
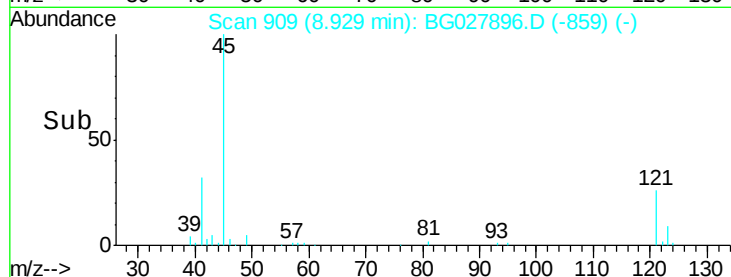
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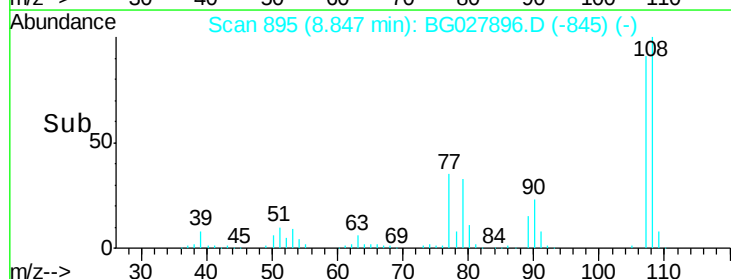
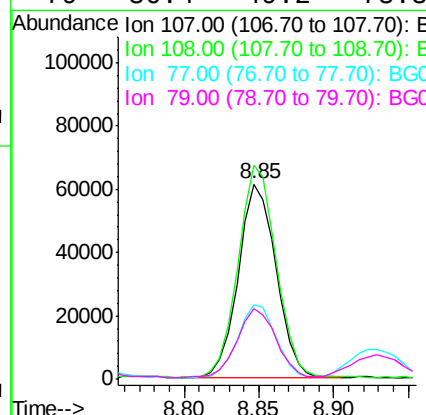
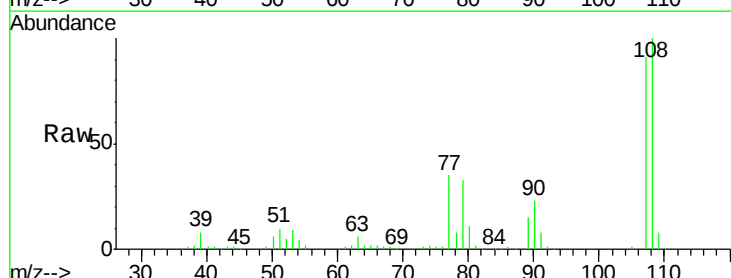
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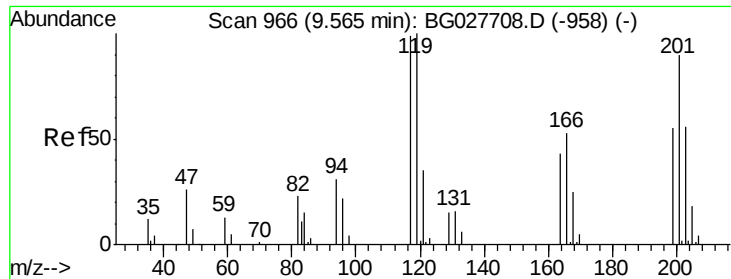
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#17
2-Methylphenol
Concen: 39.335 ng
RT: 8.85 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	108446		
108	109.5	85.6	128.4	
77	37.9	51.4	77.2#	
79	36.4	49.2	73.8#	





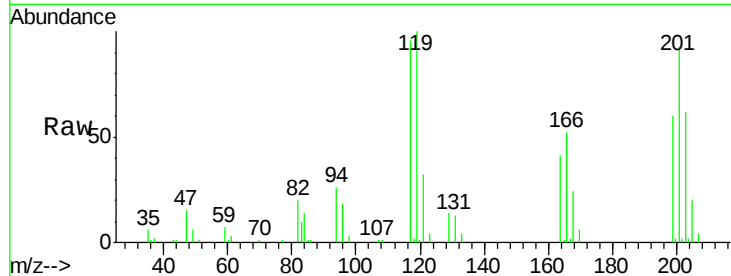
#18
Hexachloroethane
Concen: 31.669 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

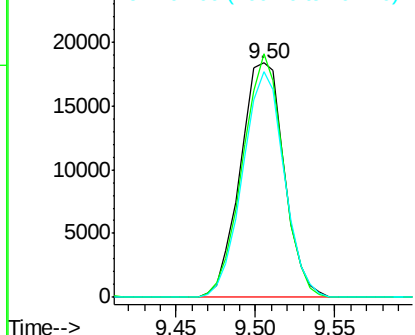
Tgt Ion: 117 Resp: 35373
Ion Ratio Lower Upper
117 100
119 103.8 69.8 104.6
201 96.1 95.4 143.0

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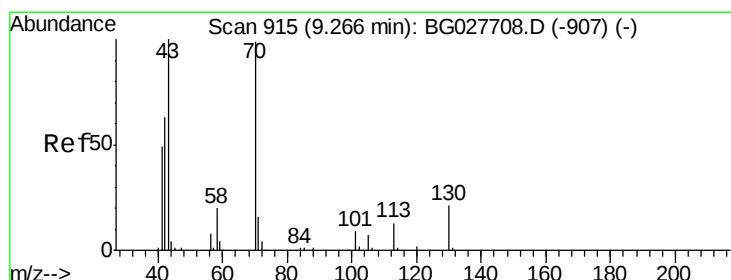
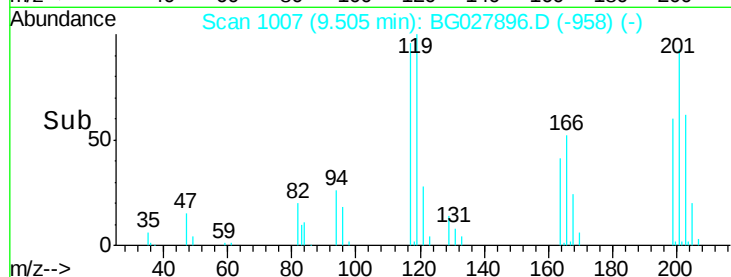


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



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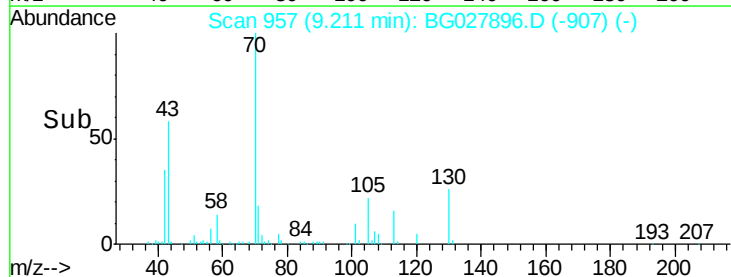
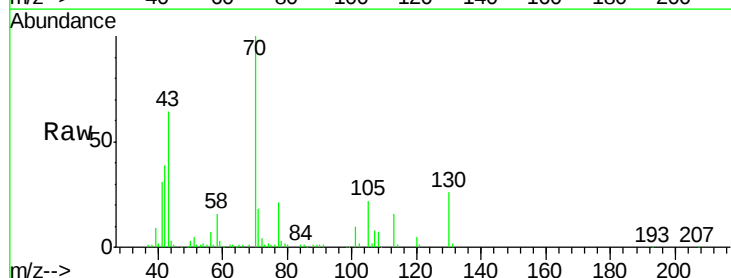
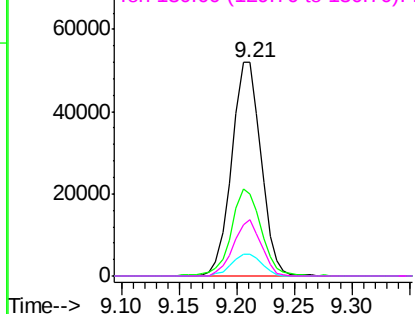
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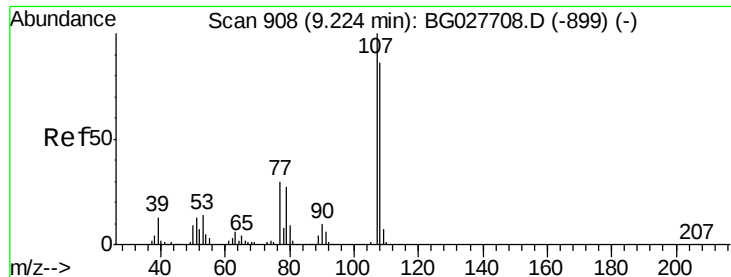


#19
n-Nitroso-di-n-propylamine
Concen: 31.882 ng
RT: 9.21 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion: 70 Resp: 91360
Ion Ratio Lower Upper
70 100
42 38.6 56.1 84.1#
101 10.3 7.5 11.3
130 26.4 14.6 21.8#

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





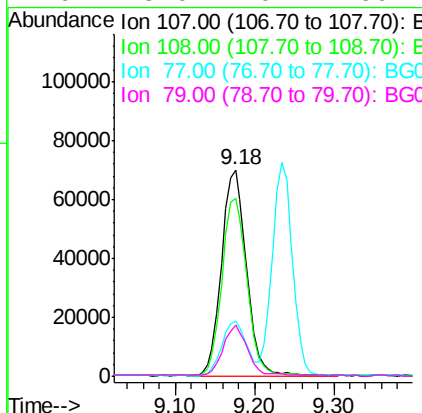
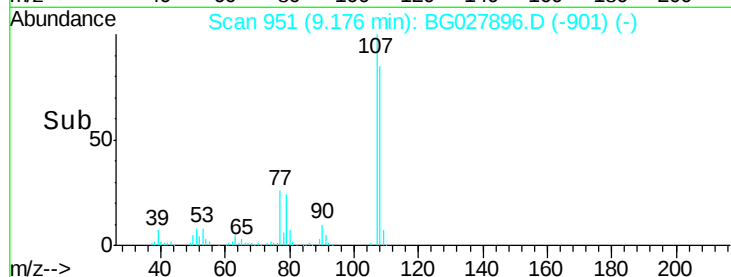
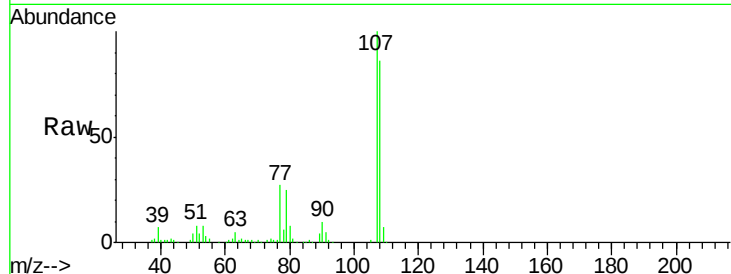
#20
3+4-Methylphenols
Concen: 38.173 ng
RT: 9.18 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	151768		
108	86.1	70.8	110.8	
77	26.5	25.8	65.8	
79	25.0	20.1	60.1	

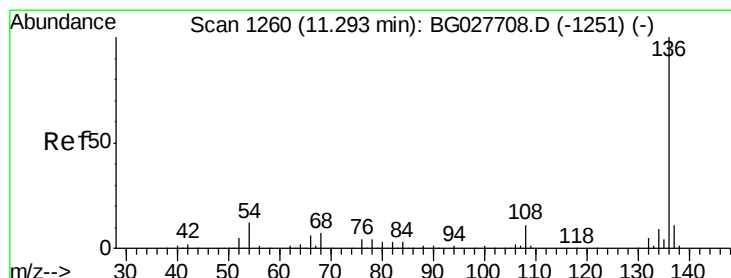
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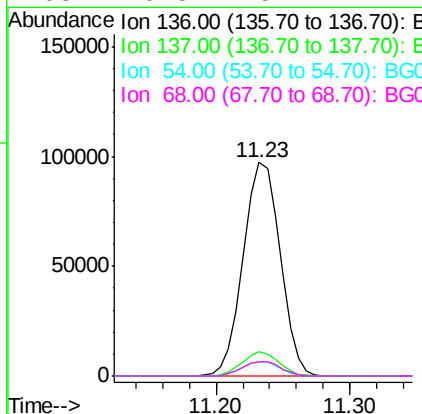
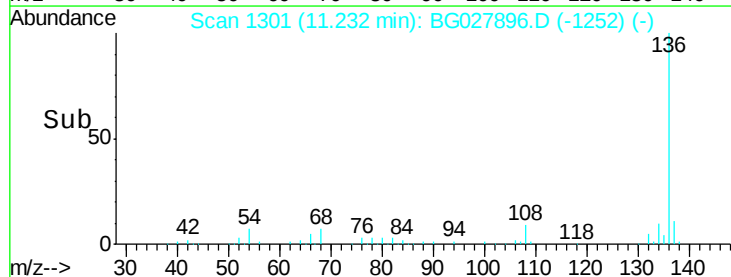
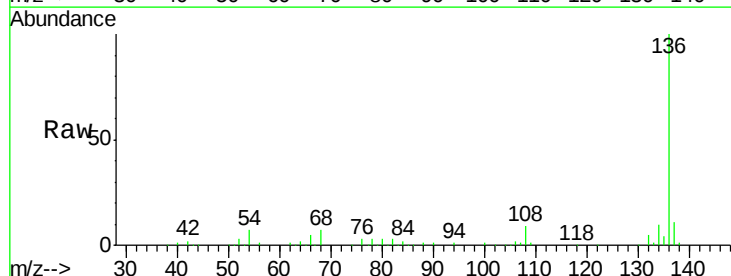
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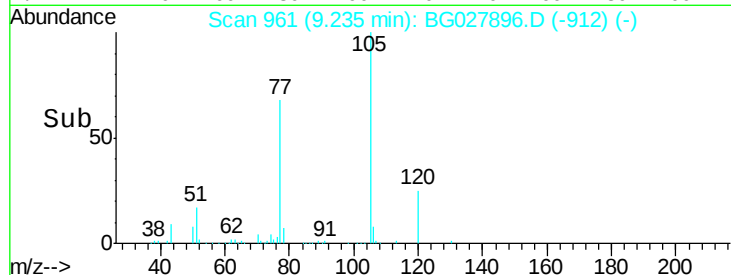
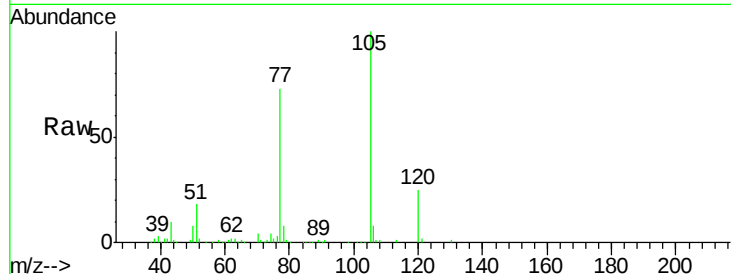
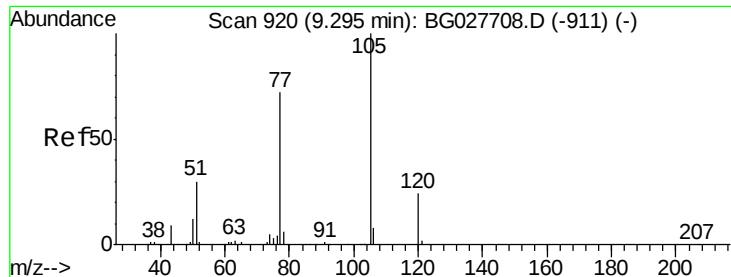
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	186821		
137	11.3	8.9	13.3	
54	6.6	9.3	13.9#	
68	6.8	5.1	7.7	





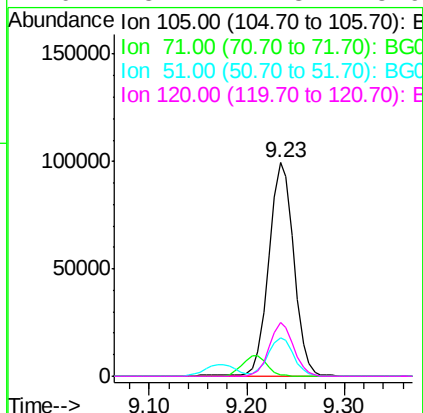
#22
Acetophenone
Concen: 39.789 ng
RT: 9.23 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	17.9	34.0	51.0#
120	25.1	17.3	25.9

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

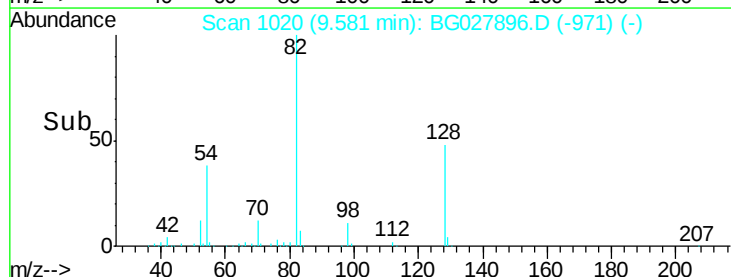
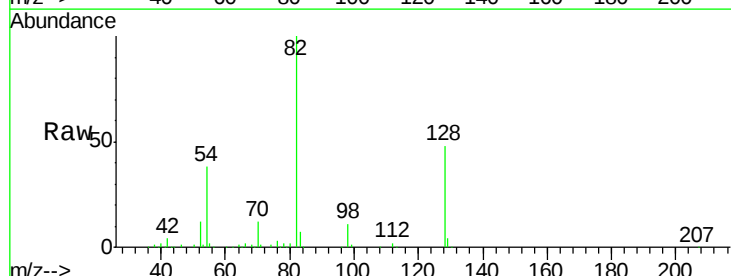
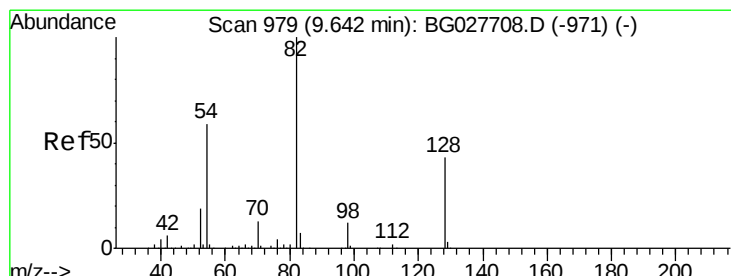
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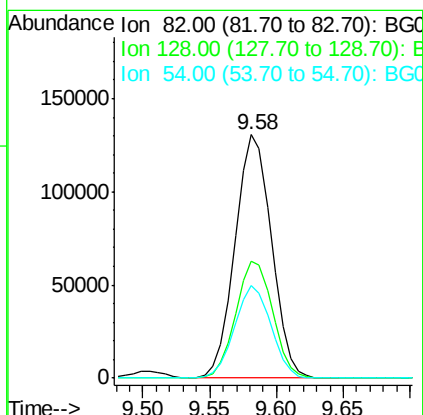
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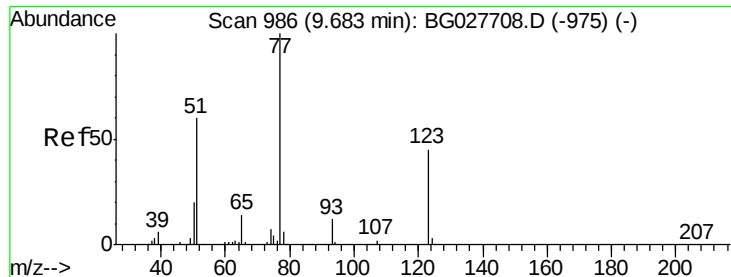
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#23
Nitrobenzene-d5
Concen: 73.730 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	26.4	39.6#
54	37.8	49.4	74.2#





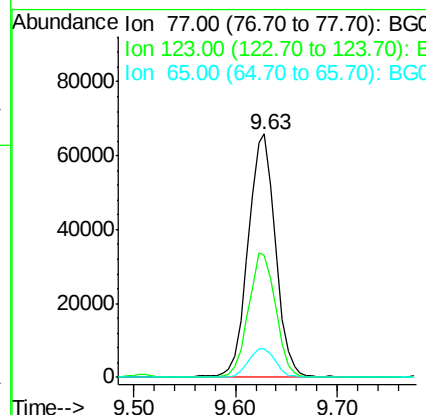
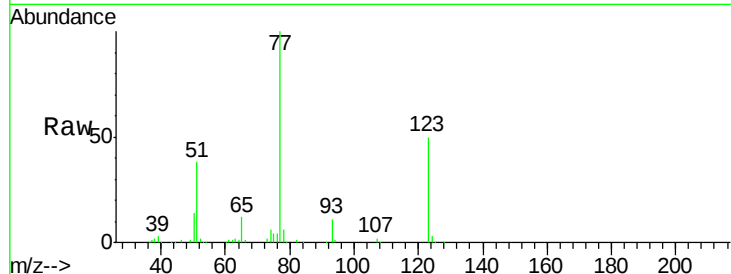
#24
Nitrobenzene
Concen: 35.103 ng
RT: 9.63 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	26.1	39.1#
65	11.6	12.4	18.6#

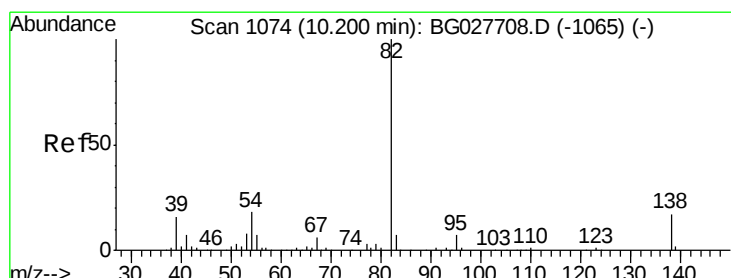
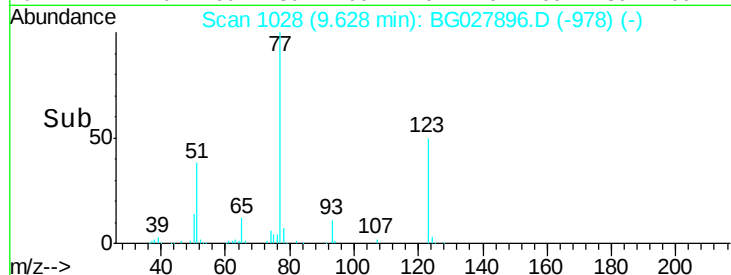
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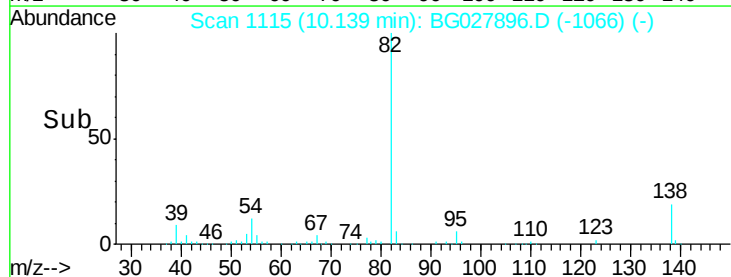
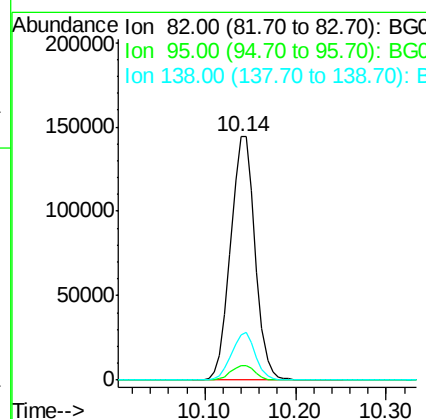
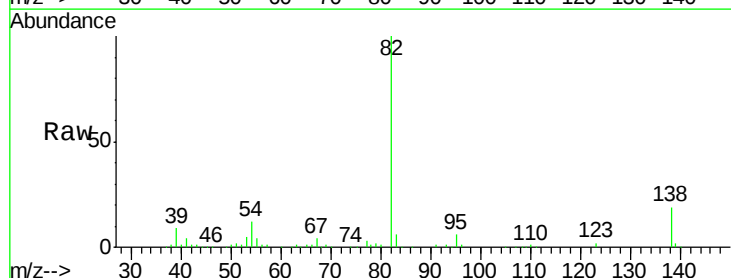
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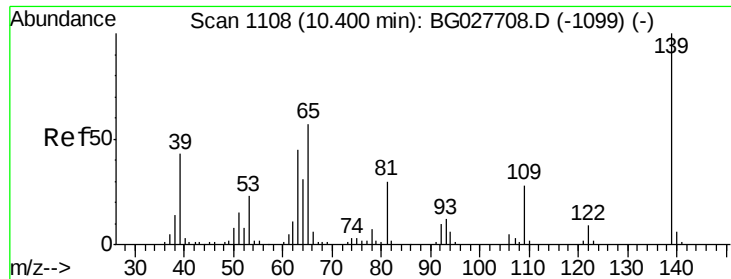
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#25
Isophorone
Concen: 37.170 ng
RT: 10.14 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.0	7.5	11.3#
138	18.8	12.3	18.5#





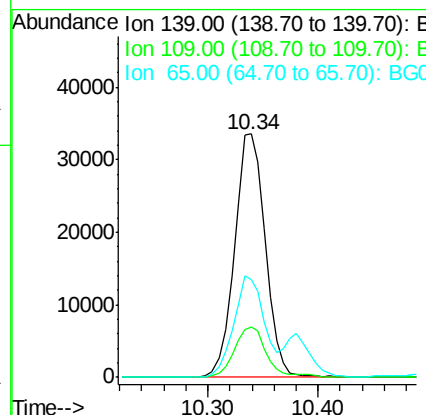
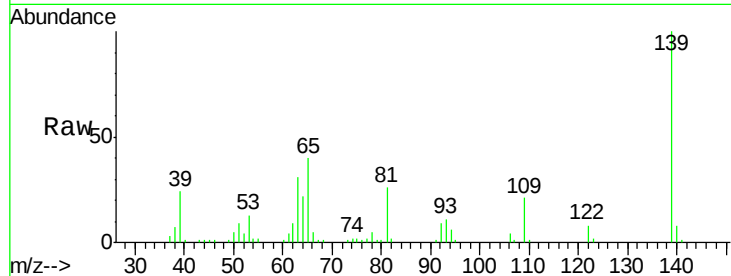
#26
2-Nitrophenol
Concen: 41.338 ng
RT: 10.34 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	65427		
109	20.9	38.6	58.0#	
65	40.2	57.1	85.7#	

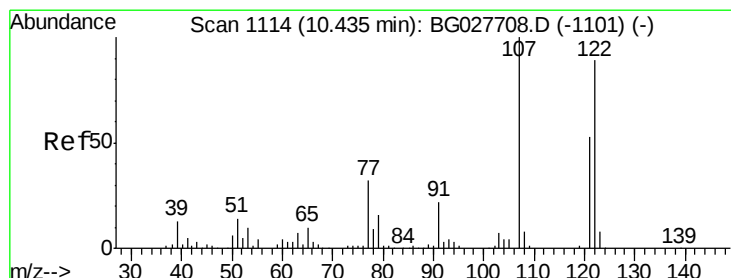
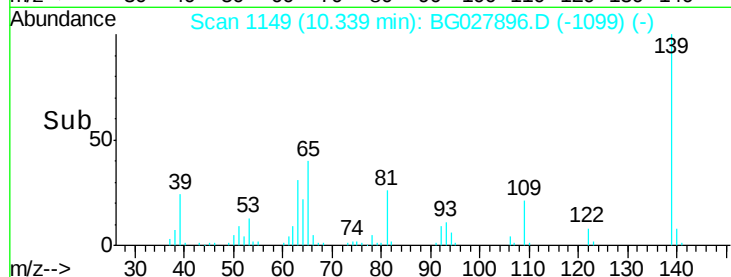
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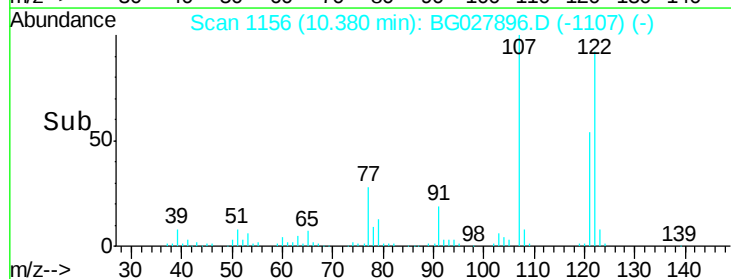
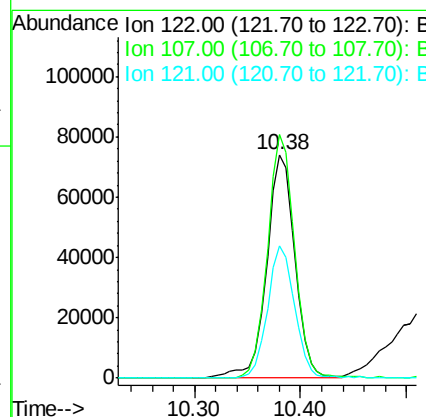
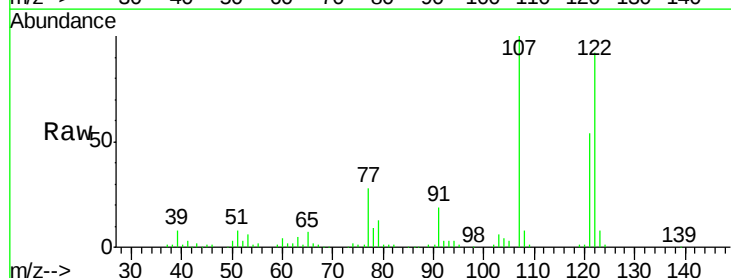
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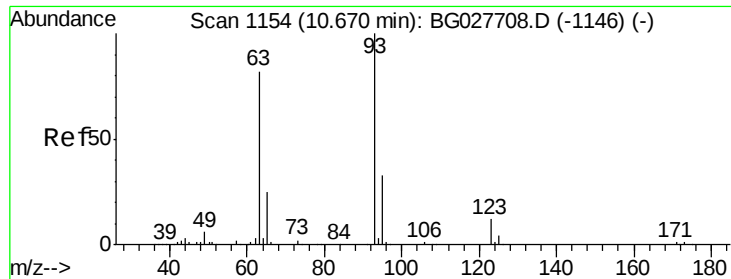
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#27
2,4-Dimethylphenol
Concen: 46.341 ng
RT: 10.38 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	137376		
107	109.1	104.2	156.4	
121	59.5	46.0	69.0	





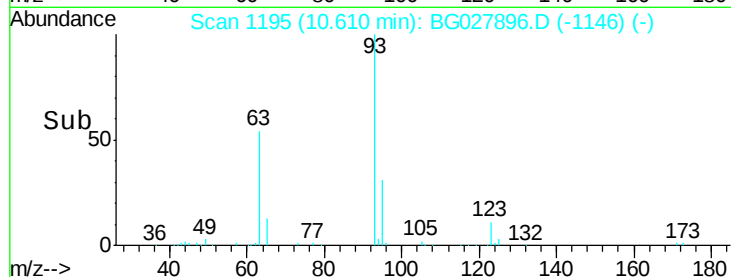
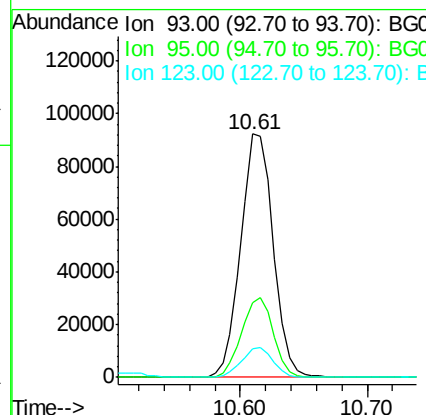
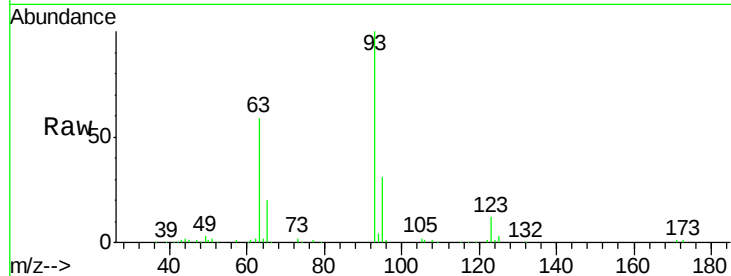
#28
bis(2-Chloroethoxy)methane
Concen: 39.628 ng
RT: 10.61 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164134		
95	30.6	25.7	38.5	
123	11.8	8.3	12.5	

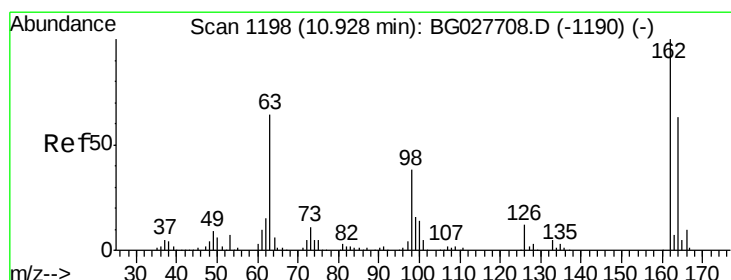
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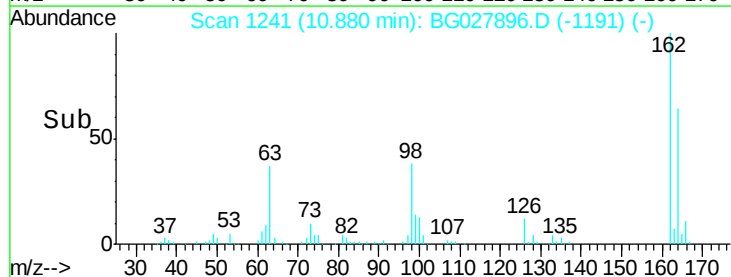
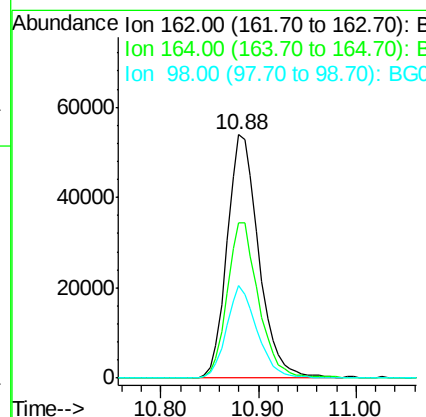
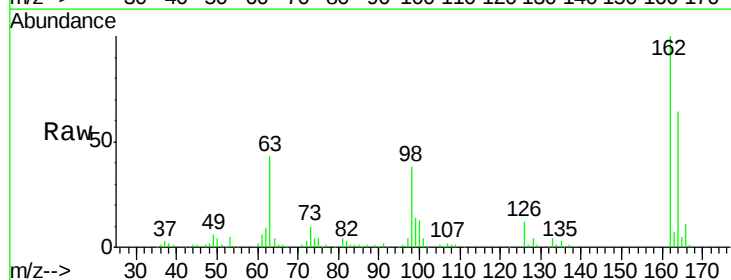
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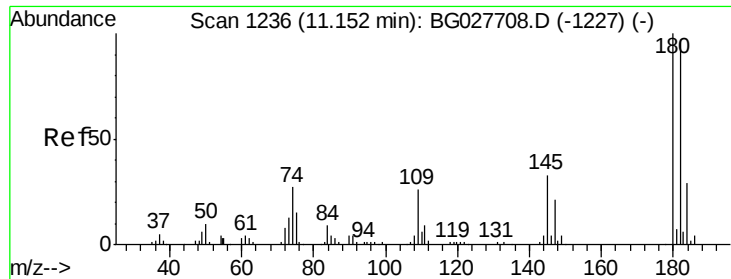
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#29
2,4-Dichlorophenol
Concen: 46.612 ng
RT: 10.88 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	121096		
164	64.0	42.4	82.4	
98	37.8	20.3	60.3	





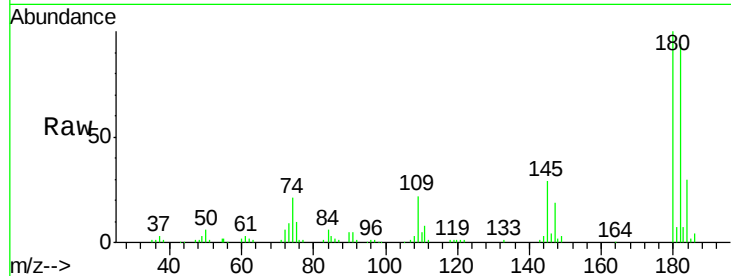
#30
 1,2,4-Trichlorobenzene
 Concen: 38.626 ng
 RT: 11.09 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

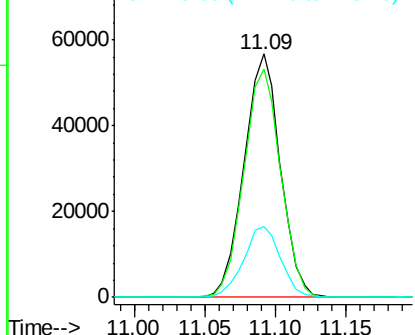
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102342		
182	93.7	77.0	115.4	
145	29.1	23.4	35.0	

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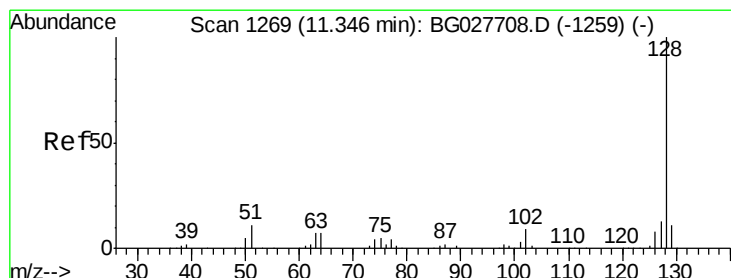
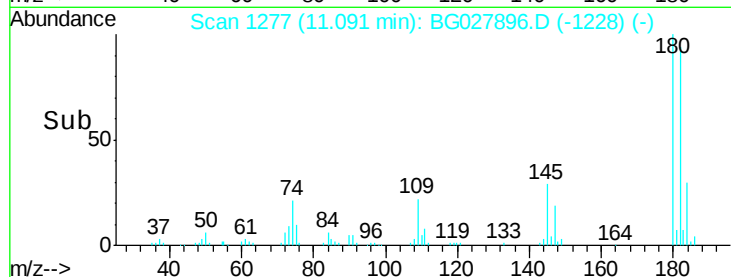


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



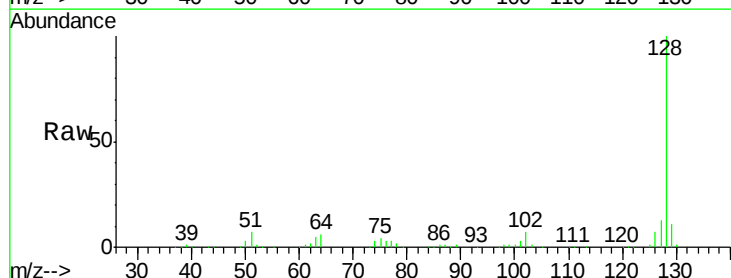
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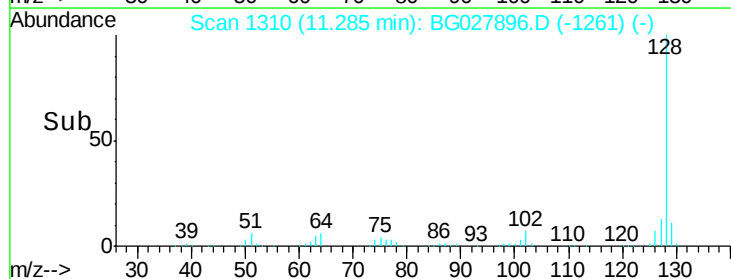
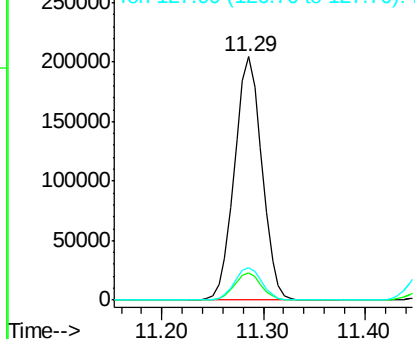


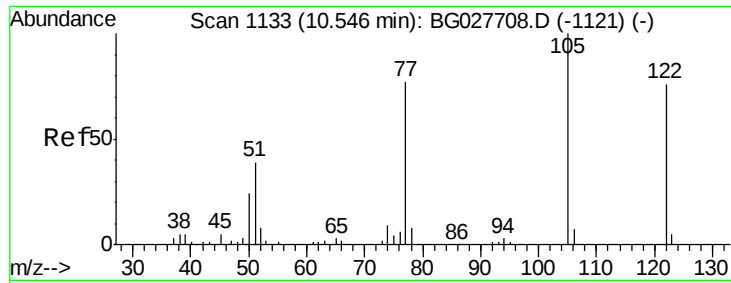
#31
 Naphthalene
 Concen: 38.563 ng
 RT: 11.29 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	383121		
129	11.2	9.3	13.9	
127	13.4	11.4	17.0	



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





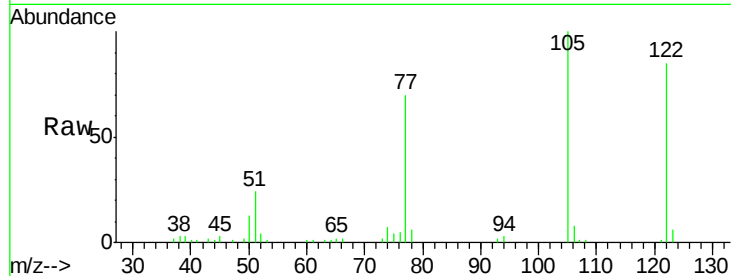
#32
Benzoic acid
Concen: 38.069 ng
RT: 10.52 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	120.1	160.1#
77	82.4	104.6	144.6#

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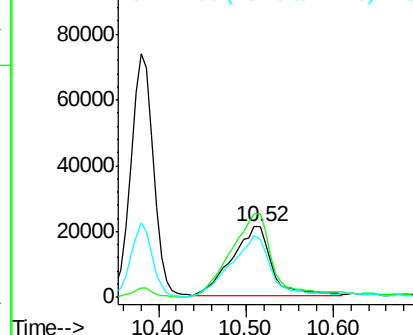


Abundance

Ion 122.00 (121.70 to 122.70): E

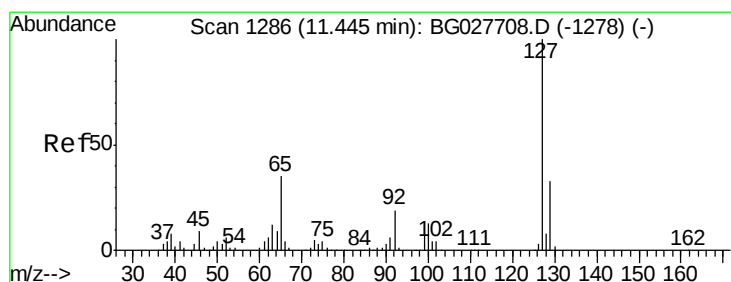
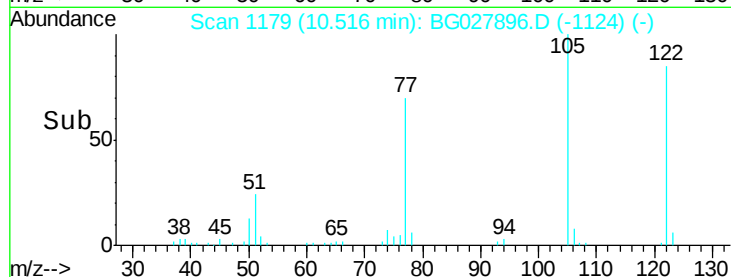
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



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#33
4-Chloroaniline
Concen: 22.069 ng
RT: 11.46 min Scan# 1340
Delta R.T. 0.05 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	23.6	35.4
65	26.7	37.7	56.5#
92	18.2	17.6	26.4

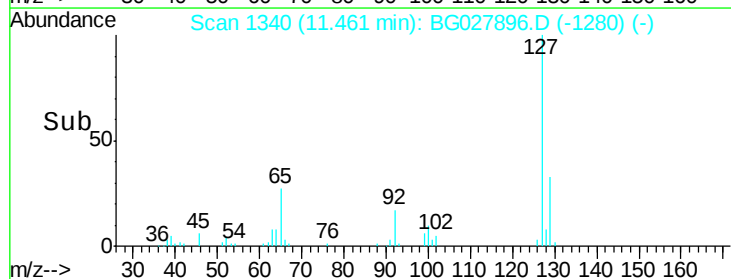
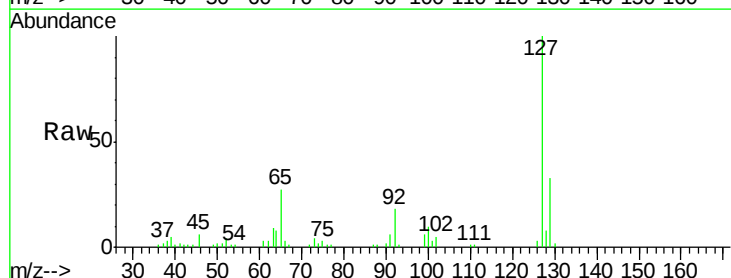
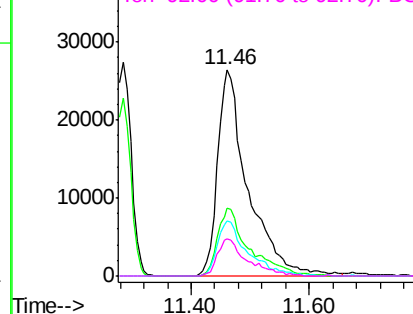
Abundance

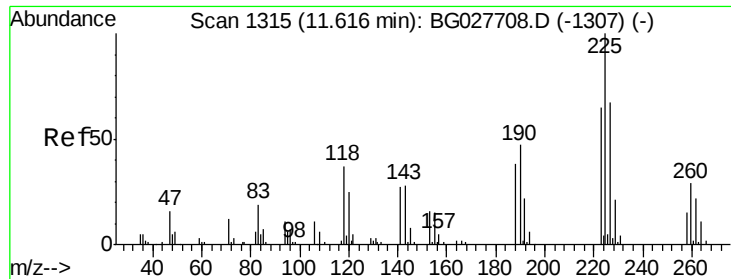
Ion 127.00 (126.70 to 127.70): E

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: 34.465 ng

RT: 11.56 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

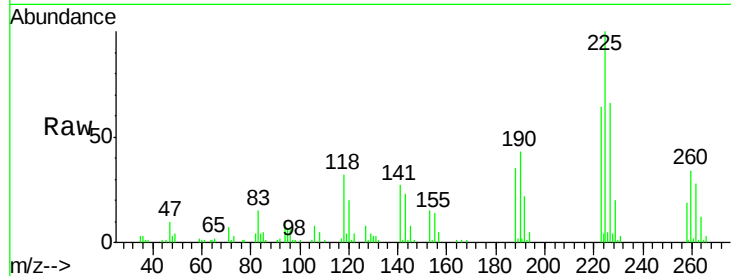
ClientSampleId :

HR-06-070617-AMSD

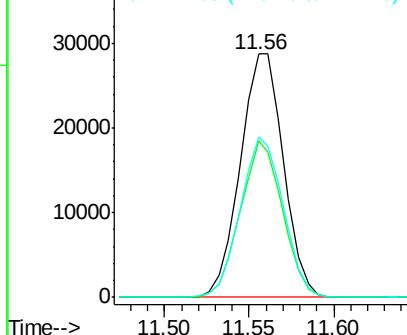
Tgt Ion:	225	Resp:	50882
Ion Ratio	Lower	Upper	
225	100		
223	64.1	50.7	76.1
227	65.6	49.0	73.6

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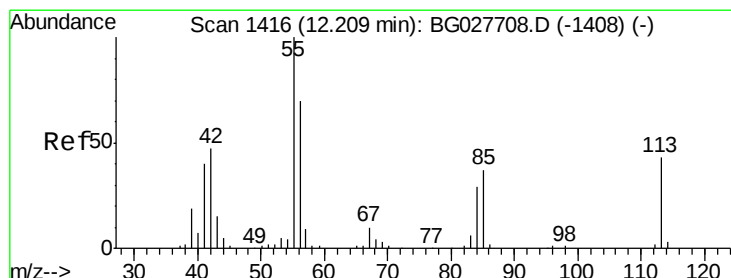
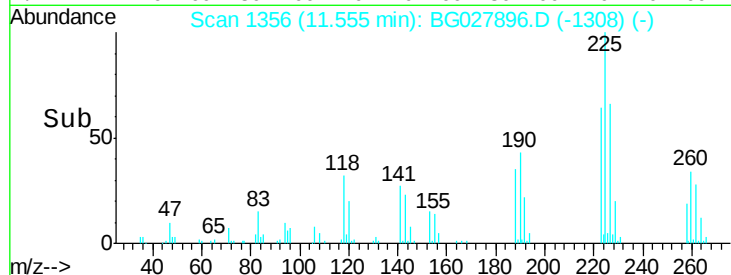


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 35.040 ng m

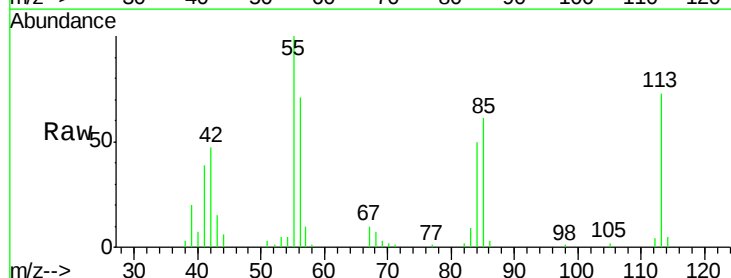
RT: 12.18 min Scan# 1463

Delta R.T. 0.01 min

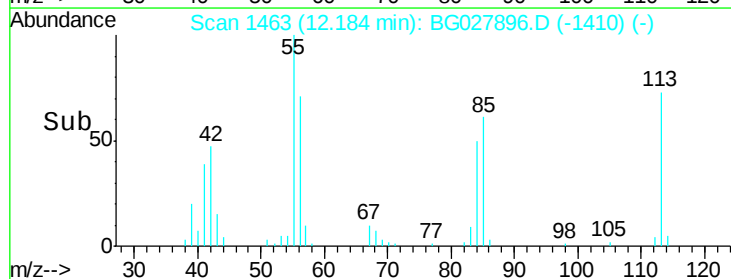
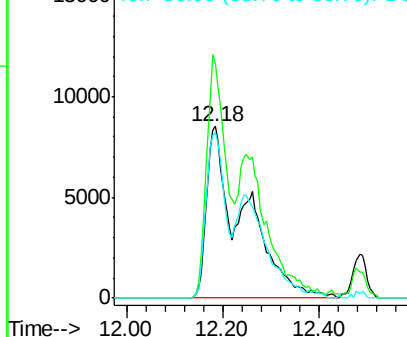
Lab File: BG027896.D

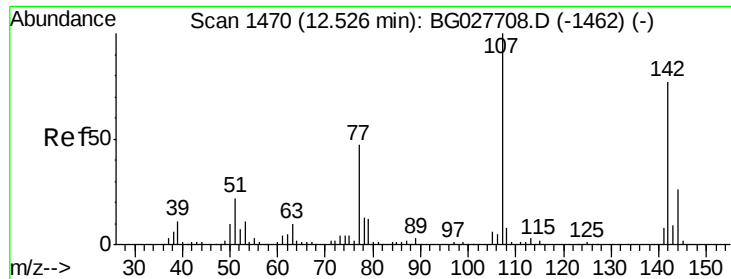
Acq: 10 Jul 2017 20:47

Tgt Ion:	113	Resp:	45787
Ion Ratio	Lower	Upper	
113	100		
55	136.6	198.6	238.6#
56	96.6	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





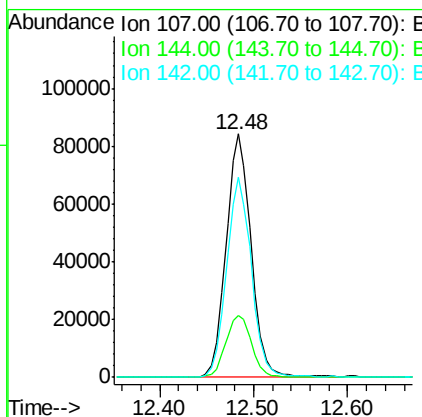
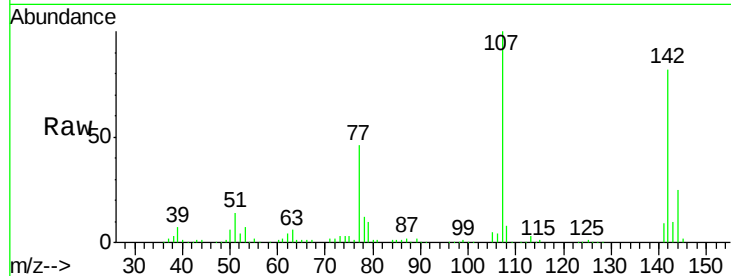
#36
 4-Chloro-3-methylphenol
 Concen: 42.839 ng
 RT: 12.48 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	156604		
144	25.4	17.4	26.0	
142	82.2	54.1	81.1#	

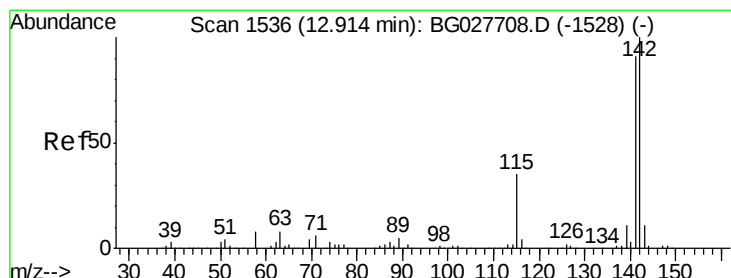
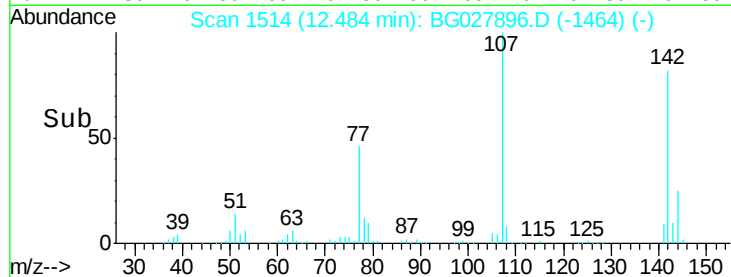
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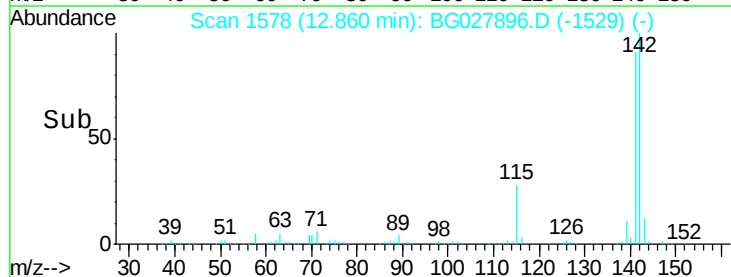
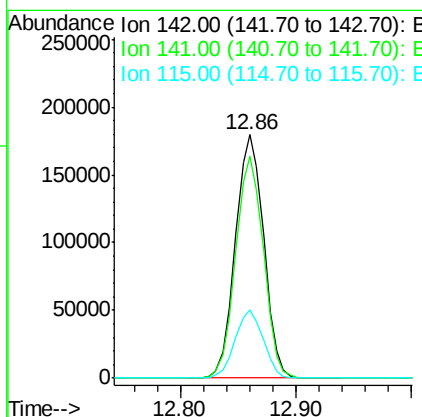
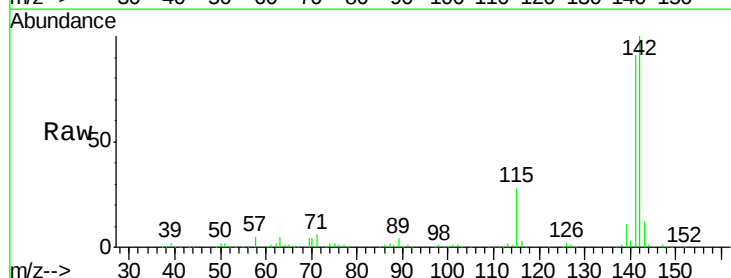
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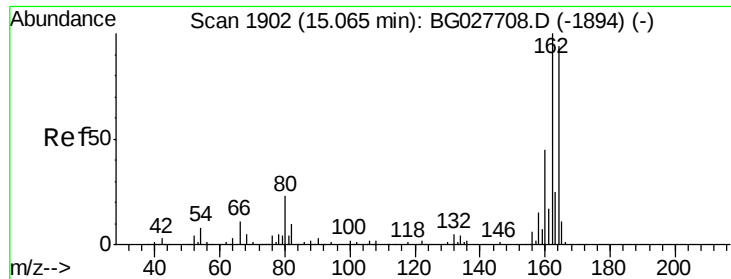
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#37
 2-Methylnaphthalene
 Concen: 41.080 ng
 RT: 12.86 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	303987		
141	91.1	70.4	105.6	
115	27.8	35.5	53.3#	





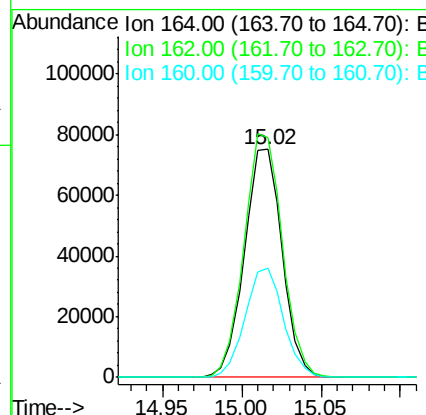
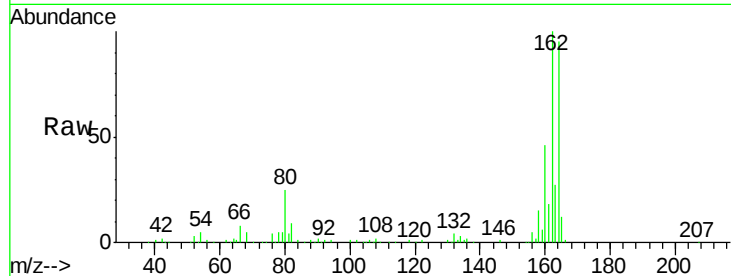
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	47.9	34.7	52.1

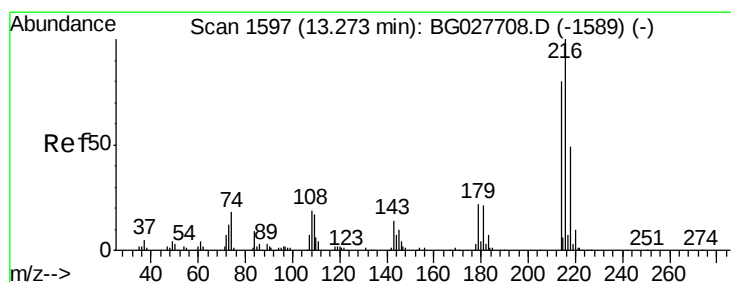
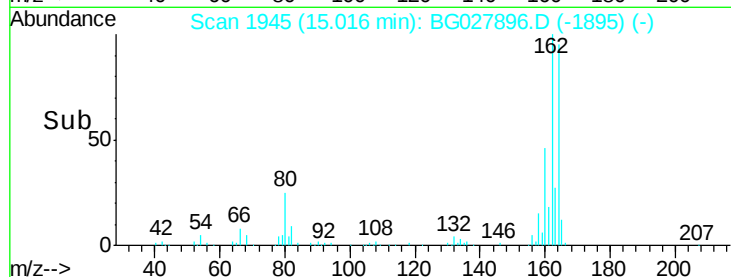
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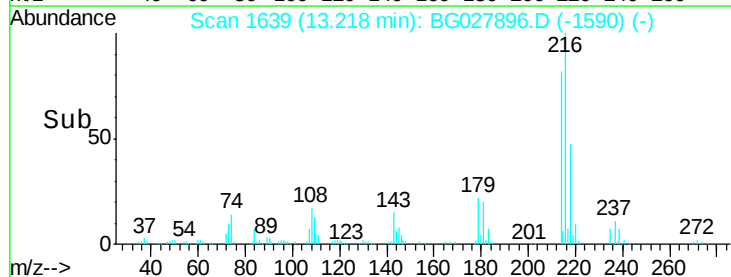
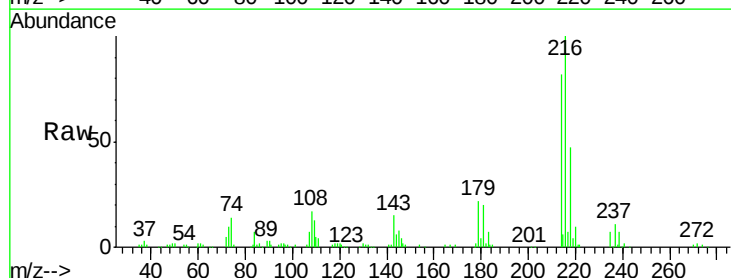
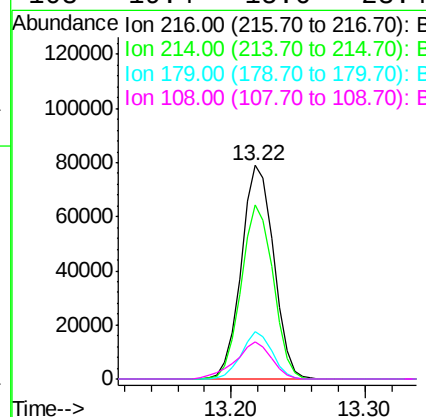
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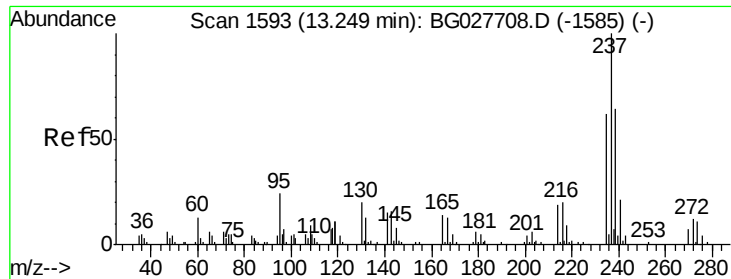
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.405 ng
RT: 13.22 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	64.4	96.6
179	20.9	17.4	26.0
108	19.4	15.6	23.4





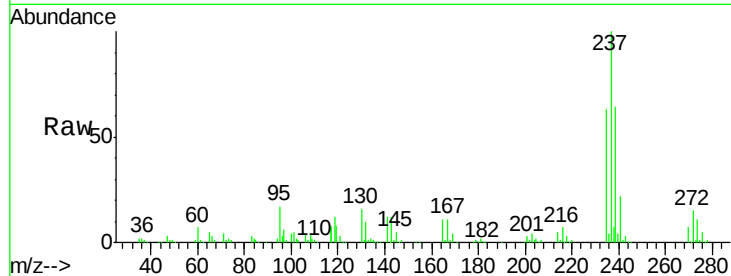
#40
Hexachlorocyclopentadiene
Concen: 91.422 ng
RT: 13.19 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

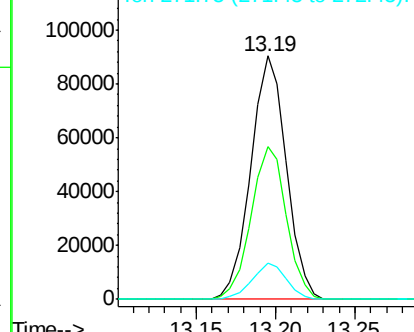
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	39.4	79.4
272	14.8	0.0	32.0

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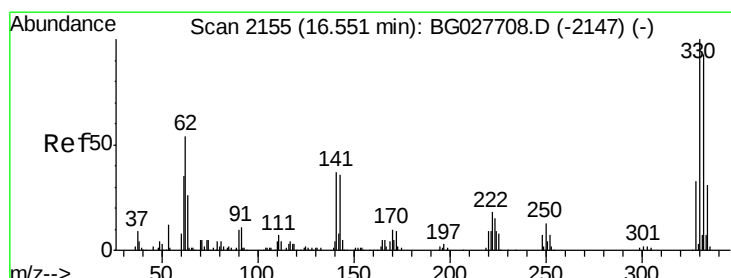
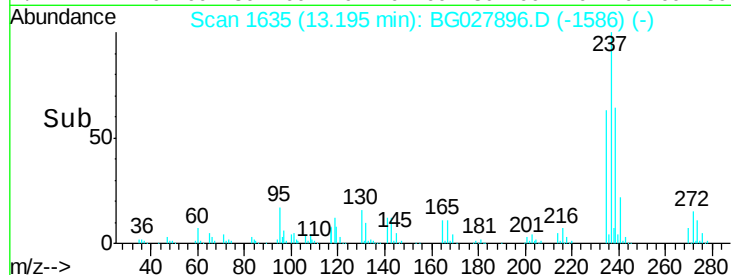


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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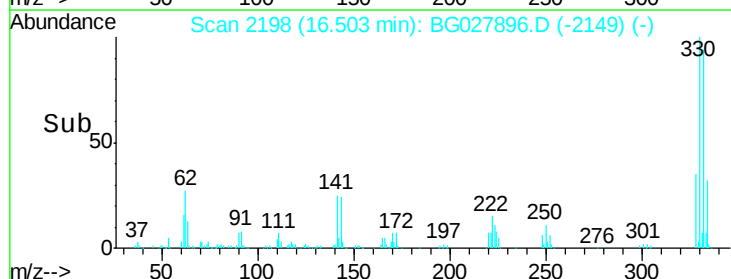
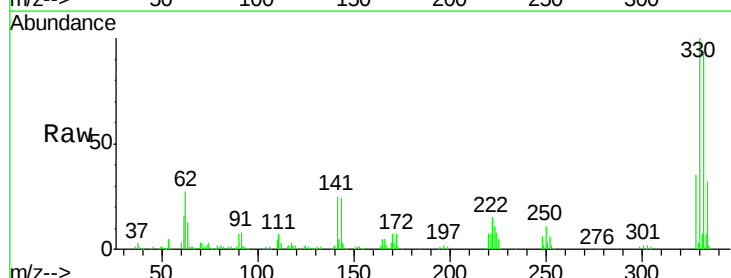
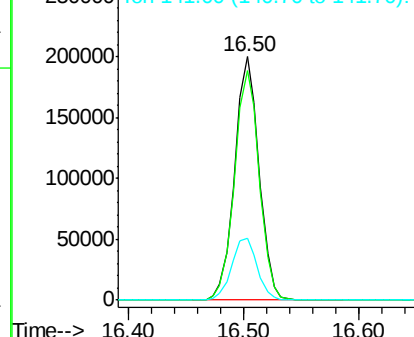
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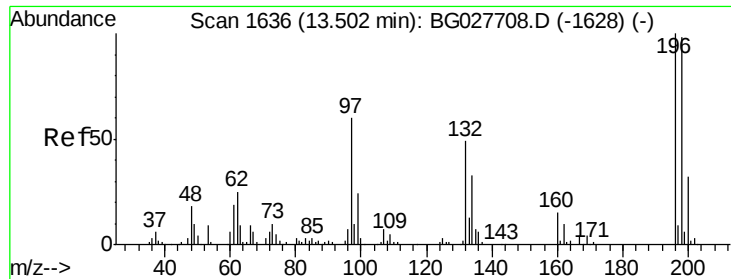


#41
2,4,6-Tribromophenol
Concen: 170.724 ng
RT: 16.50 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.9	77.3	115.9
141	26.6	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





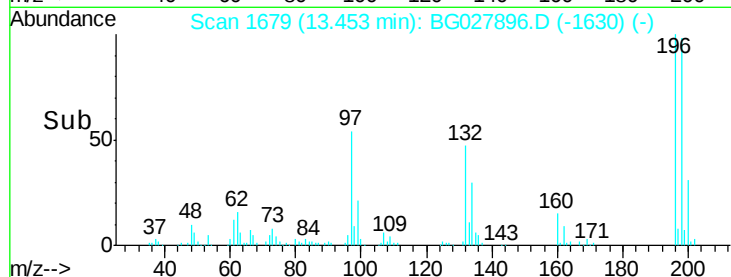
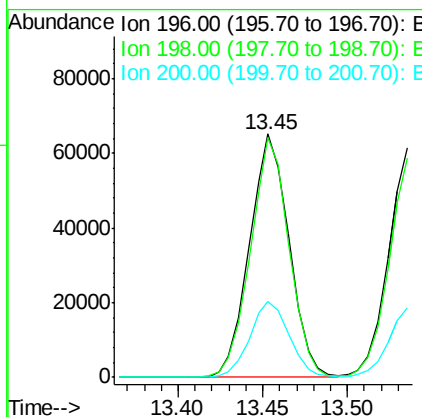
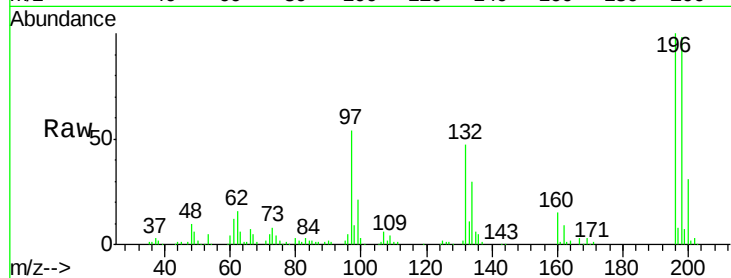
#42
 2,4,6-Trichlorophenol
 Concen: 44.618 ng
 RT: 13.45 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105302		
198	98.3	81.4	122.2	
200	31.4	27.0	40.6	

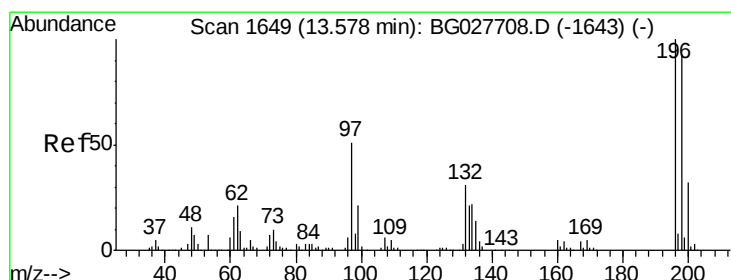
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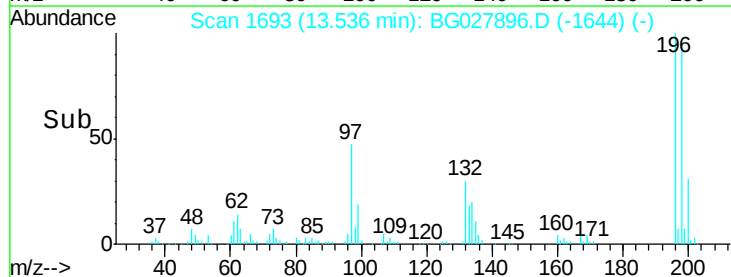
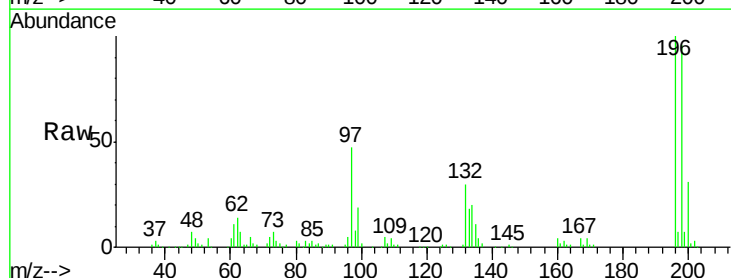
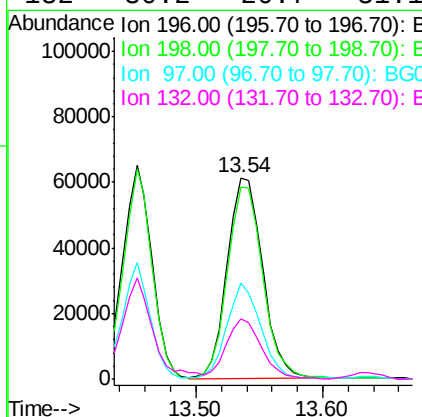
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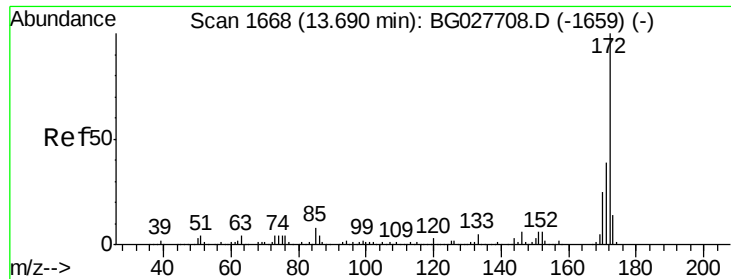
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#43
 2,4,5-Trichlorophenol
 Concen: 44.450 ng
 RT: 13.54 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118866		
198	95.5	79.9	119.9	
97	47.4	45.4	68.0	
132	30.2	20.7	31.1	





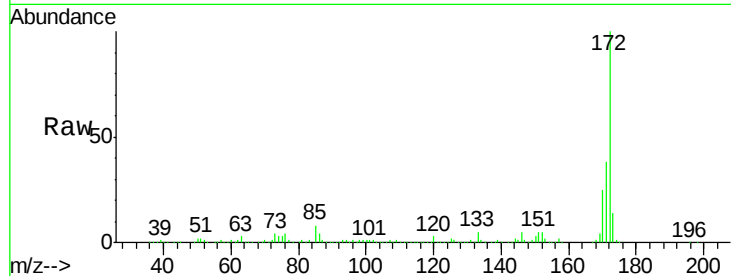
#44
2-Fluorobiphenyl
Concen: 82.317 ng
RT: 13.64 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

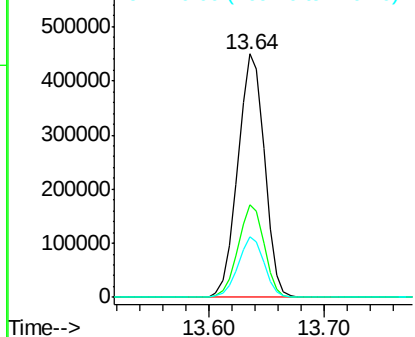
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.9	21.8	32.6

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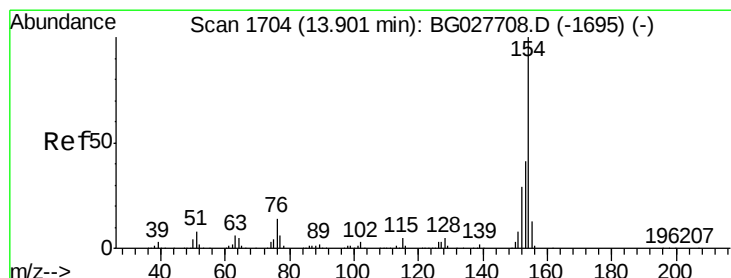
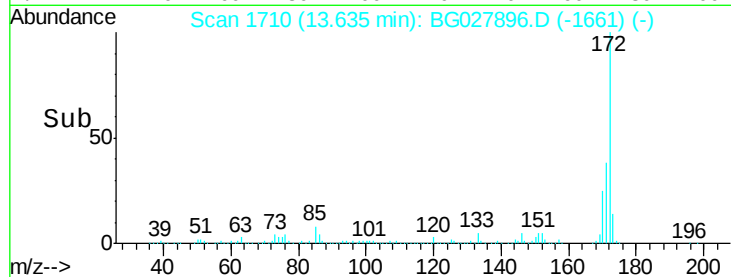


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



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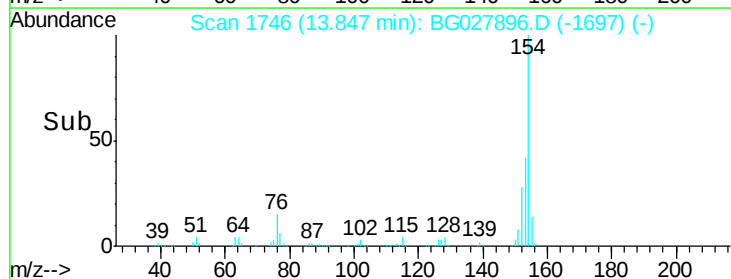
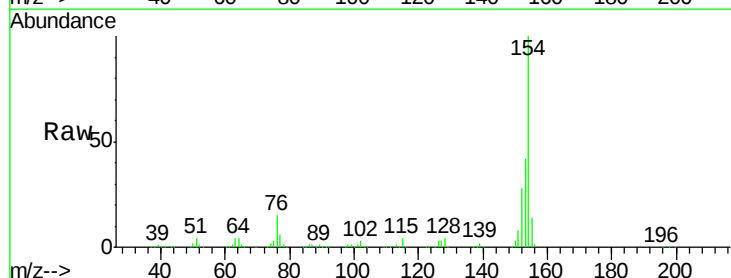
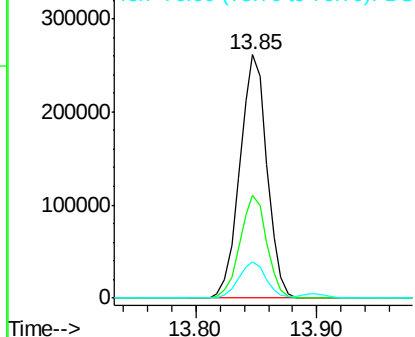
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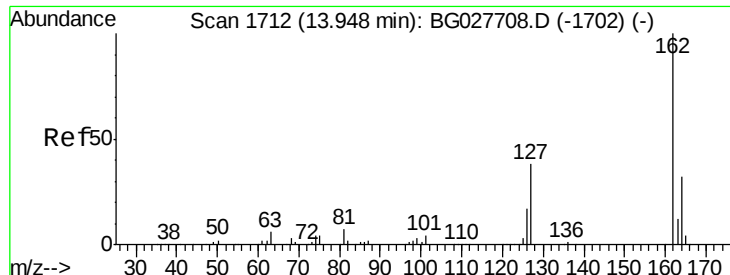


#45
1,1'-Biphenyl
Concen: 41.062 ng
RT: 13.85 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	14.7	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





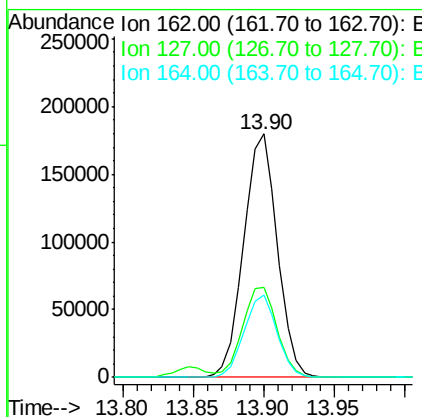
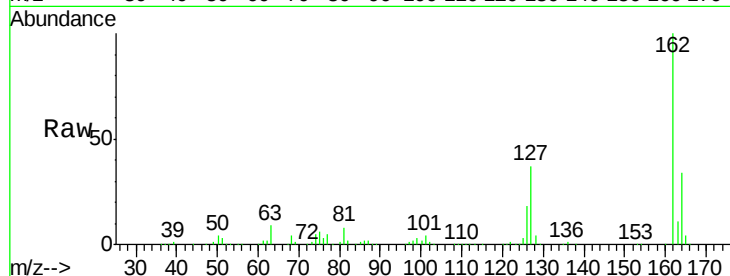
#46
 2-Chloronaphthalene
 Concen: 39.795 ng
 RT: 13.90 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.1	32.2	48.4
164	34.1	27.3	40.9

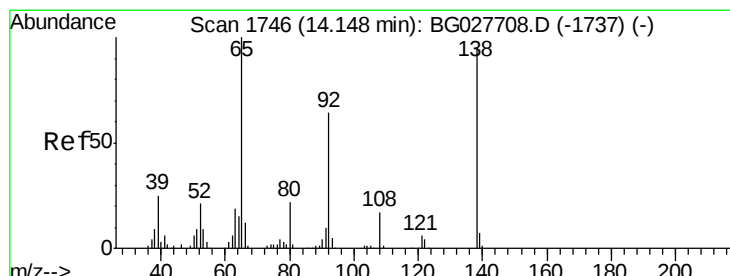
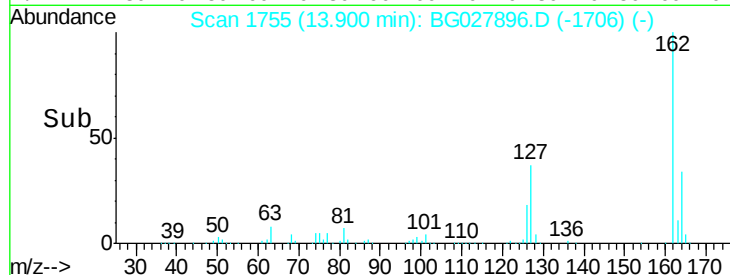
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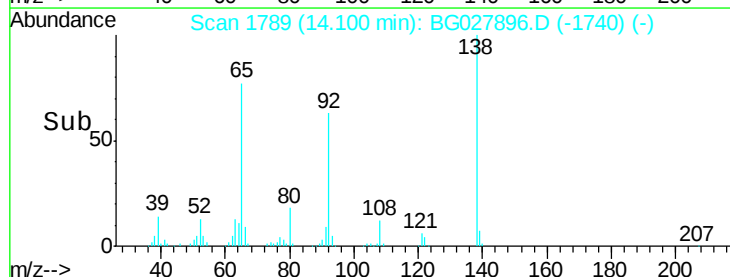
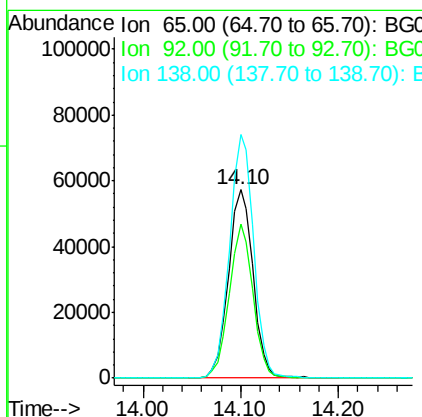
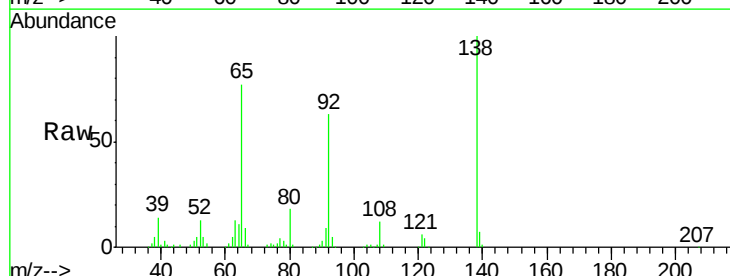
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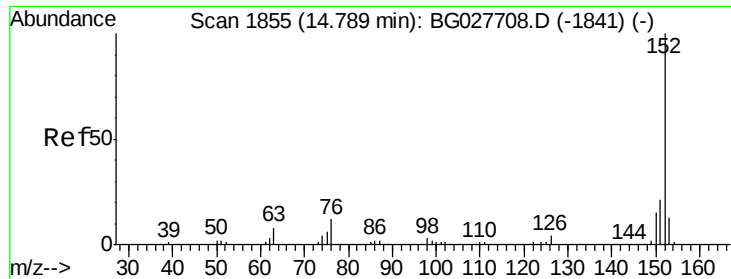
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#47
 2-Nitroaniline
 Concen: 33.335 ng
 RT: 14.10 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	82.0	49.0	73.4#
138	129.3	58.6	87.8#





#48

Acenaphthylene

Concen: 39.770 ng

RT: 14.74 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG027896.D

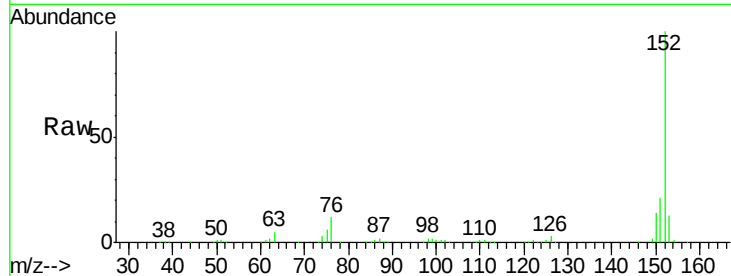
Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

ClientSampleId :

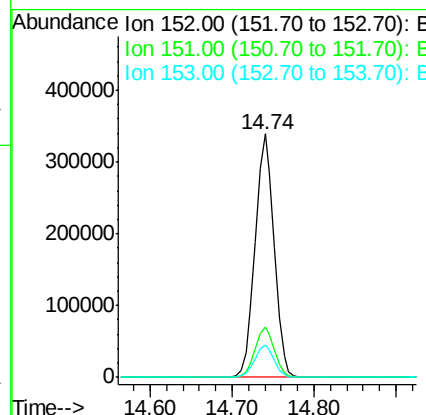
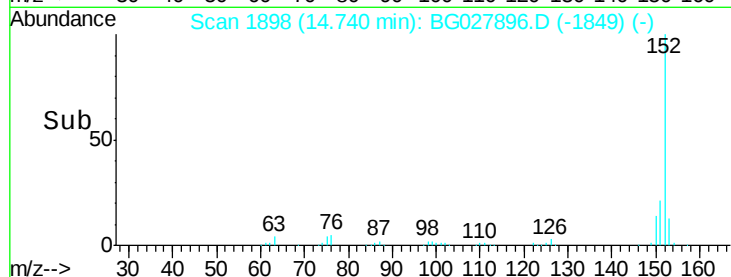
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.2
153	13.4	11.3	16.9

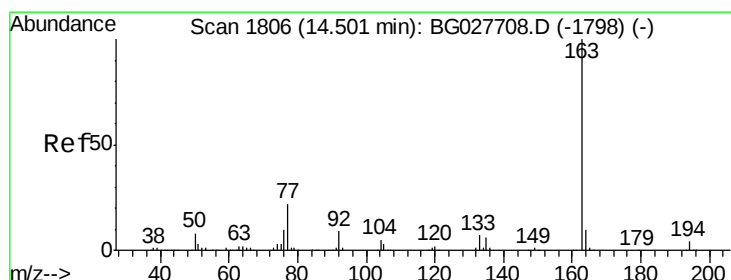
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#49

Dimethylphthalate

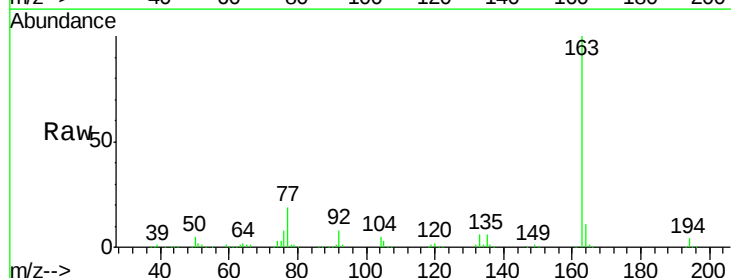
Concen: 42.933 ng

RT: 14.45 min Scan# 1849

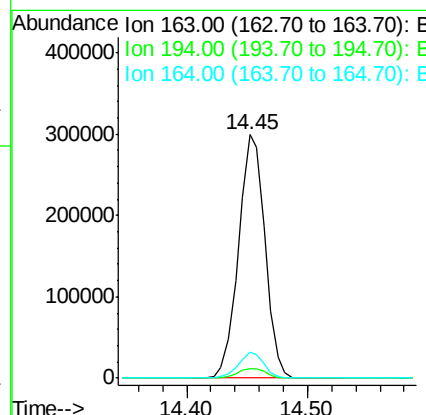
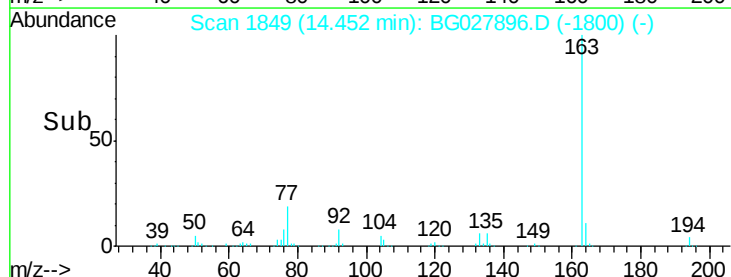
Delta R.T. -0.01 min

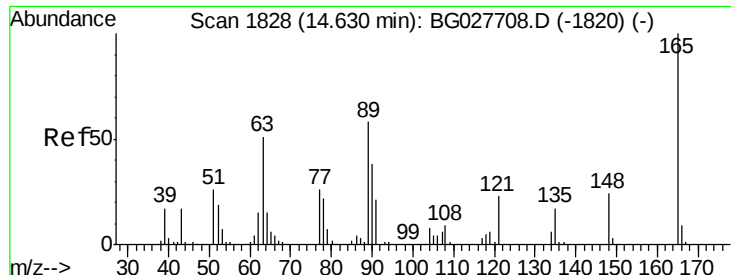
Lab File: BG027896.D

Acq: 10 Jul 2017 20:47



Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	10.6	9.3	13.9





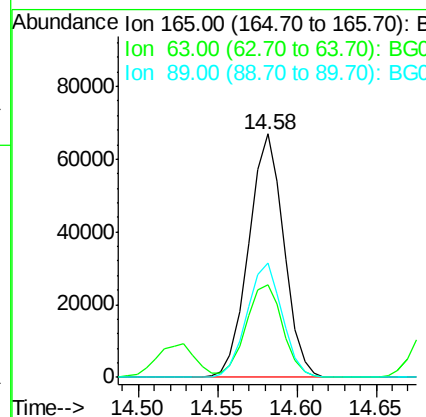
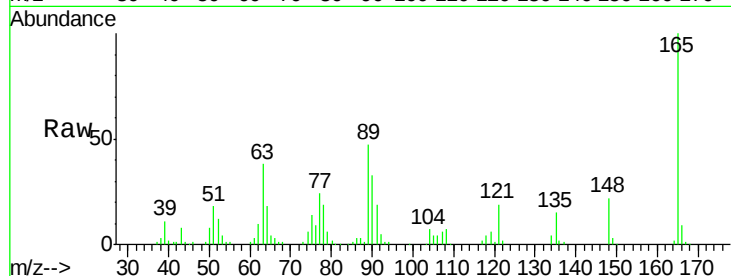
#50
2,6-Dinitrotoluene
Concen: 44.608 ng
RT: 14.58 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	38.1	63.9	95.9#
89	47.1	58.6	88.0#

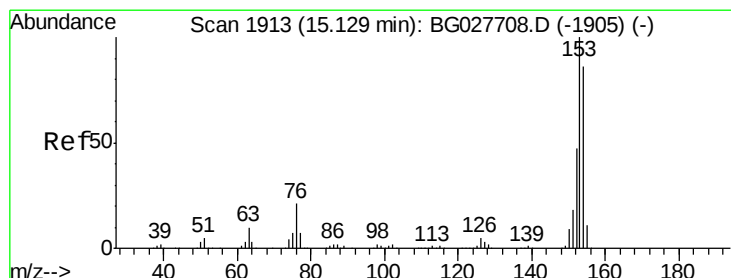
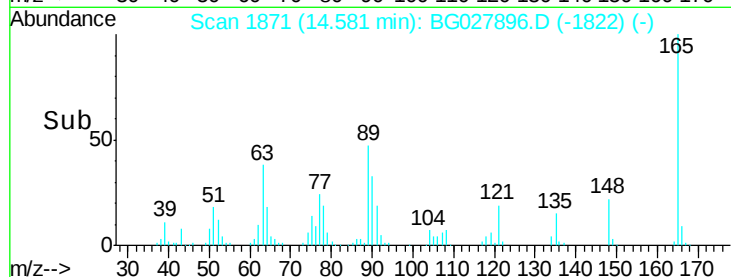
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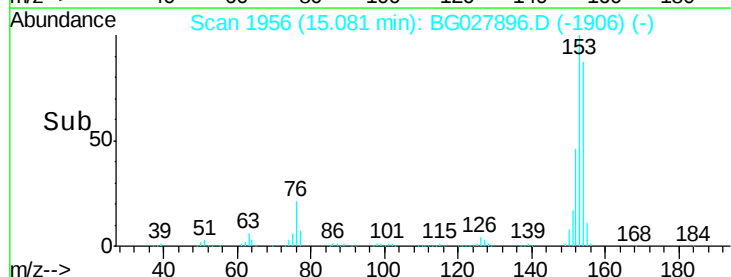
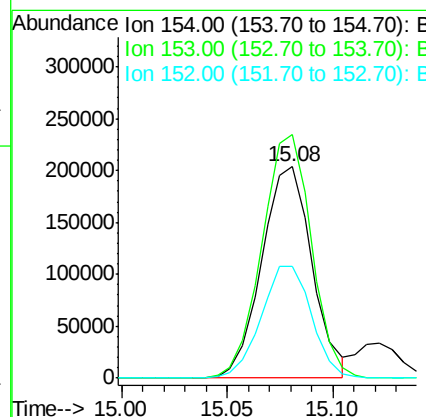
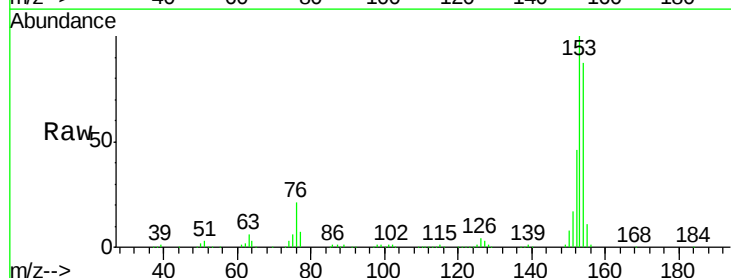
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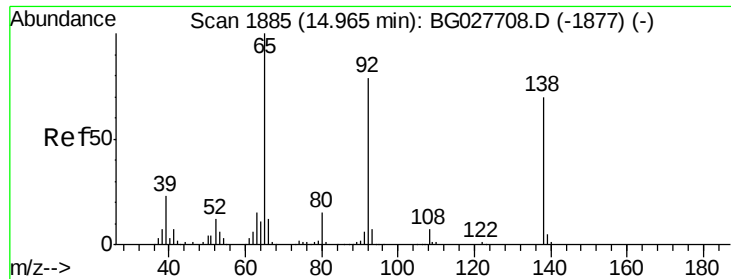
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#51
Acenaphthene
Concen: 38.352 ng
RT: 15.08 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	115.2	87.8	131.6
152	52.8	42.2	63.4





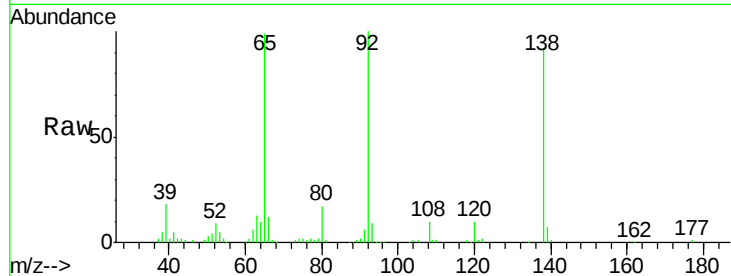
#52
 3-Nitroaniline
 Concen: 32.794 ng
 RT: 14.92 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

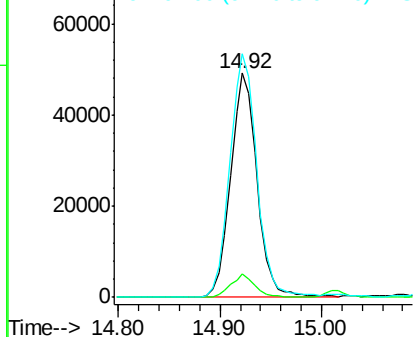
Tgt Ion:138 Resp: 88967
 Ion Ratio Lower Upper
 138 100
 108 10.4 10.9 16.3#
 92 108.7 115.3 172.9#

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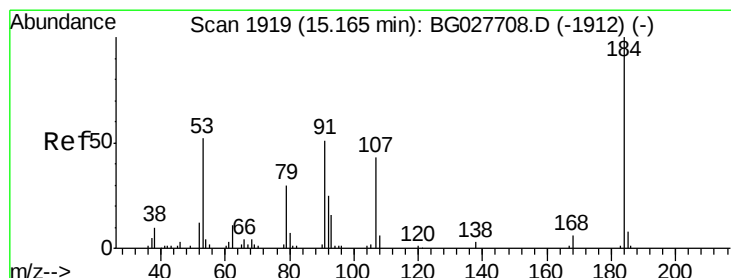
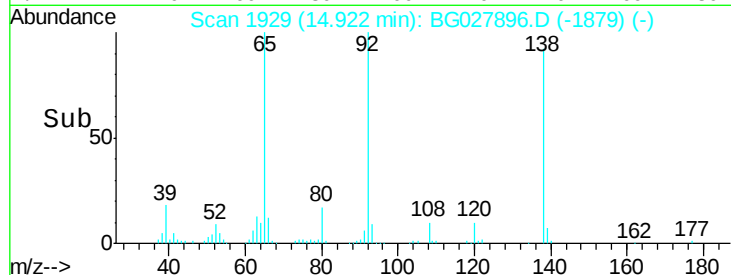


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B



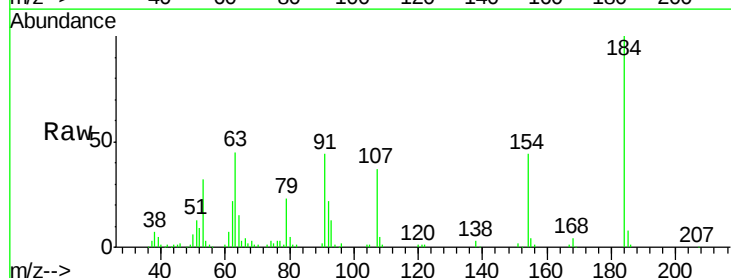
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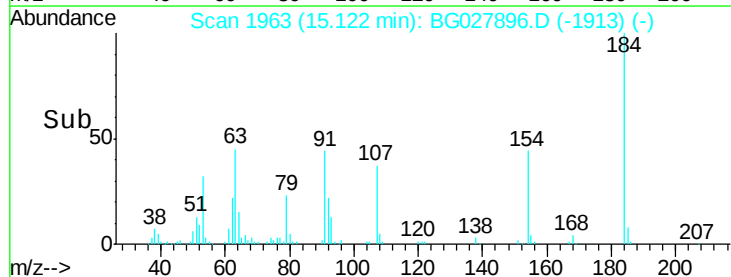
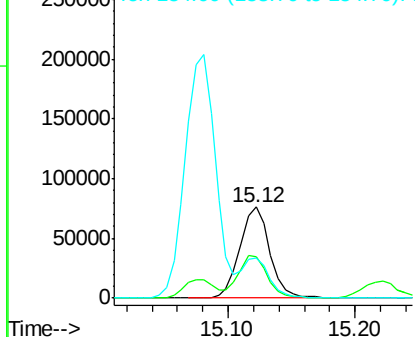


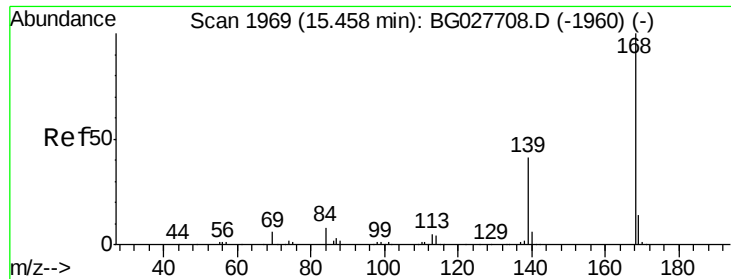
#53
 2,4-Dinitrophenol
 Concen: 97.191 ng
 RT: 15.12 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion:184 Resp: 125612
 Ion Ratio Lower Upper
 184 100
 63 44.9 52.7 79.1#
 154 44.3 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E





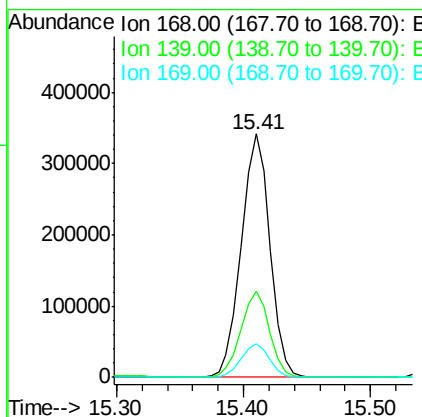
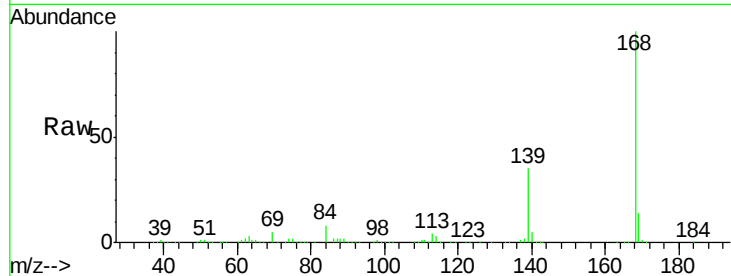
#54
Dibenzofuran
Concen: 45.824 ng
RT: 15.41 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	35.3	52.9
169	13.9	11.5	17.3

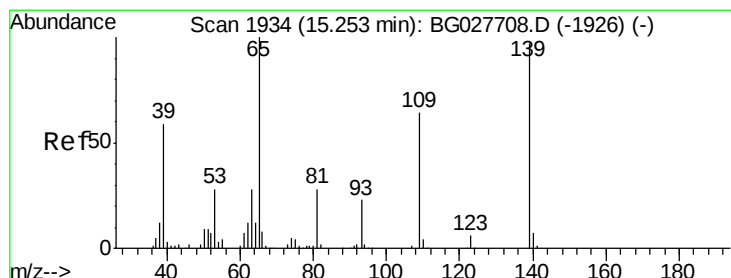
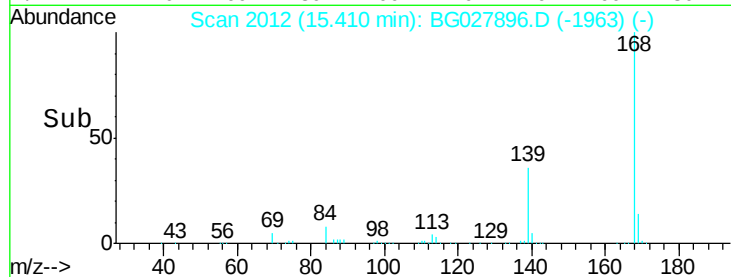
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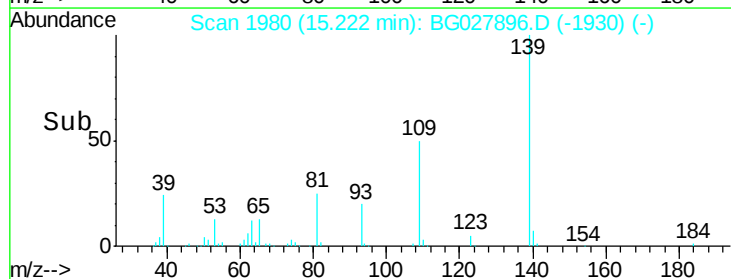
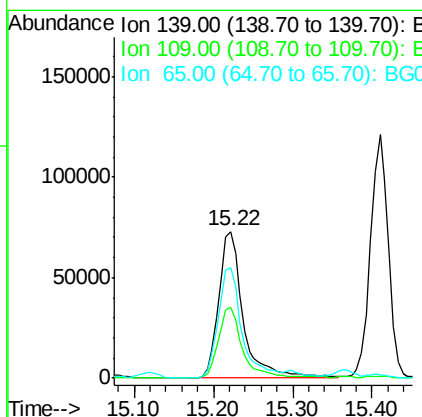
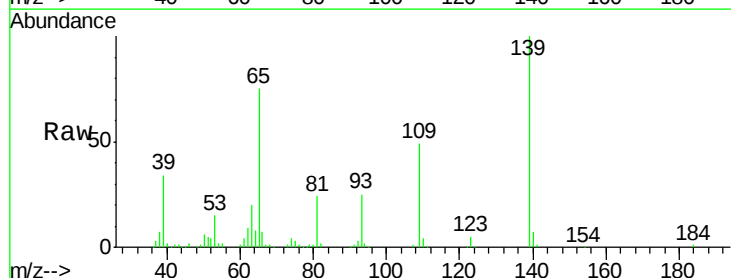
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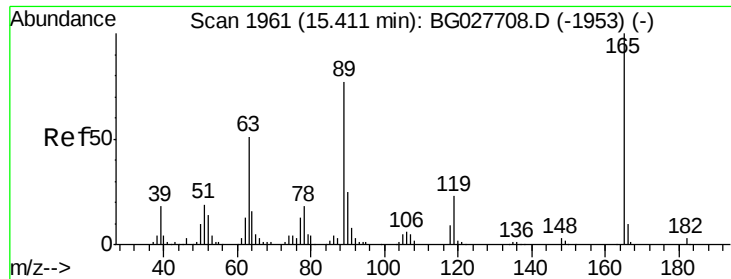
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#55
4-Nitrophenol
Concen: 75.552 ng
RT: 15.22 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

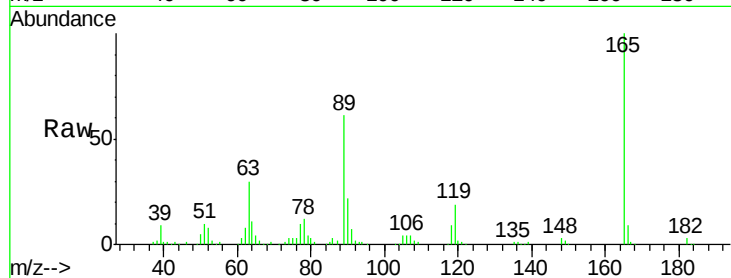
Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.7	101.2	141.2#
65	75.5	135.3	175.3#





#56
 2,4-Dinitrotoluene
 Concen: 46.315 ng
 RT: 15.37 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

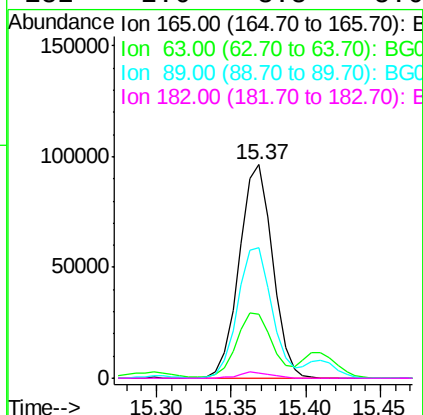
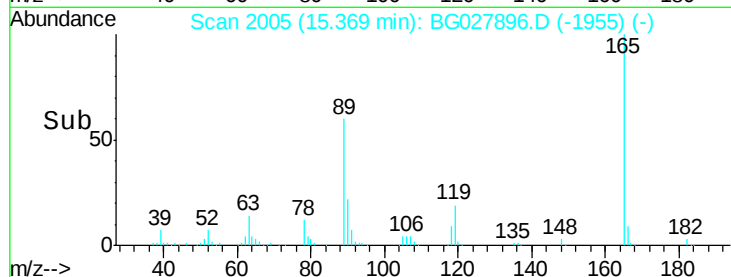
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	29.9	44.0	66.0#
89	61.1	67.3	100.9#
182	2.6	3.8	5.6#

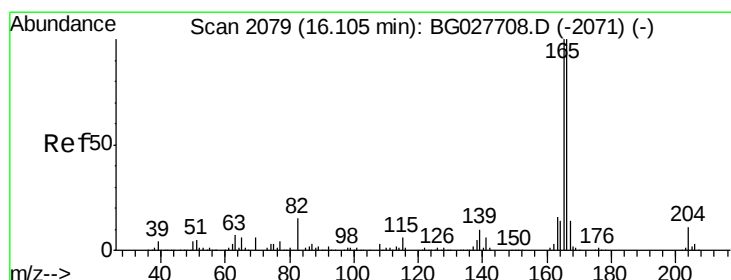
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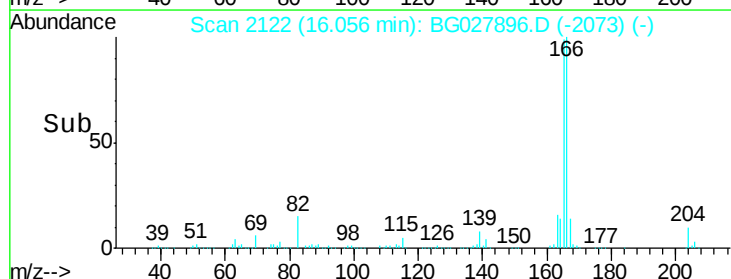
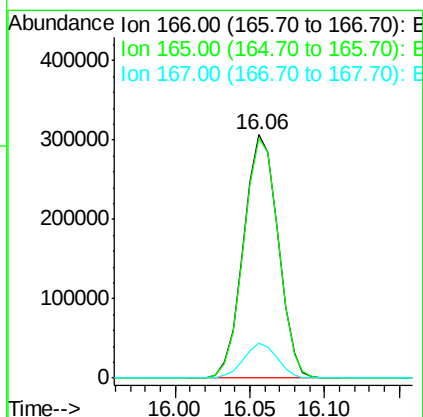
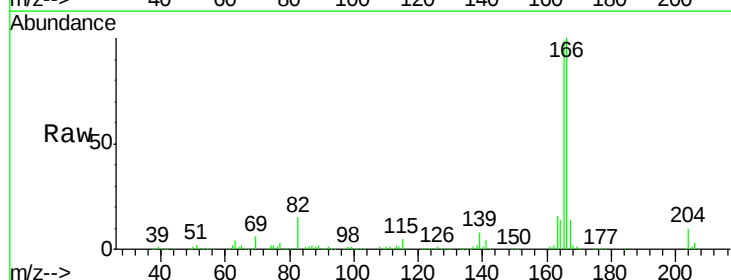
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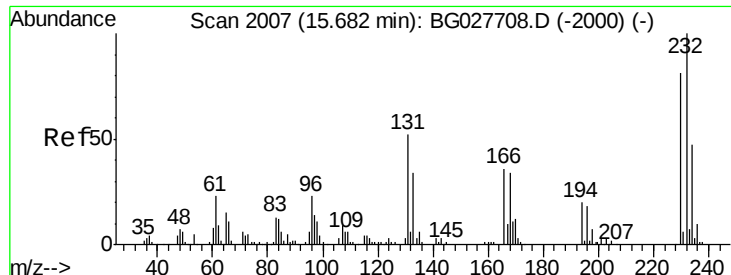
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#57
 Fluorene
 Concen: 43.261 ng
 RT: 16.06 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.6	78.6	117.8
167	14.1	11.6	17.4





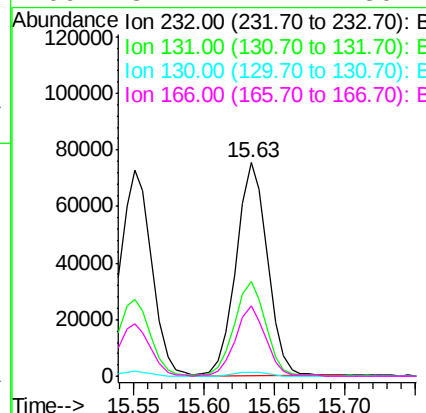
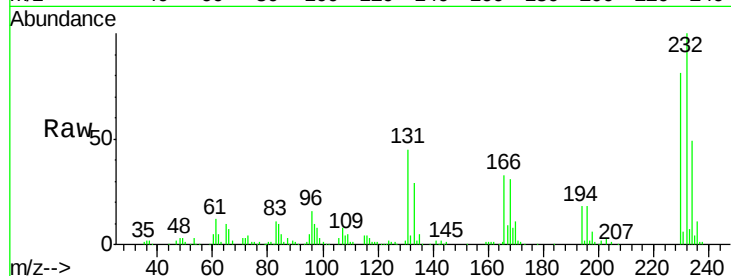
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.578 ng
 RT: 15.63 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	116594		
131	44.1	34.9	52.3	
130	2.1	2.3	3.5	
166	32.1	24.2	36.4	

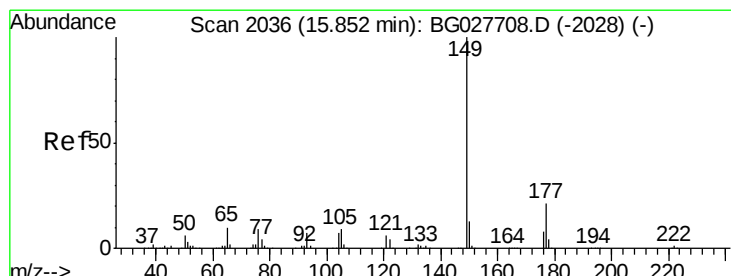
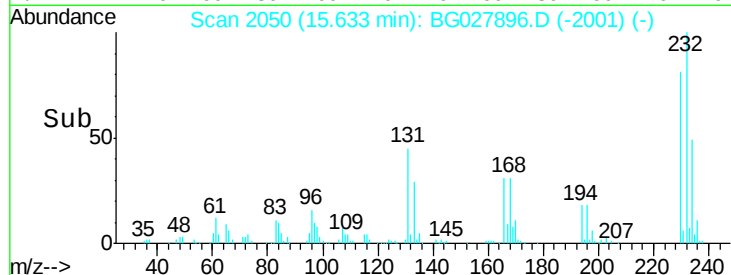
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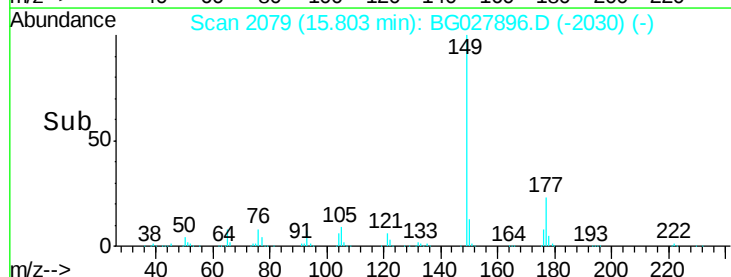
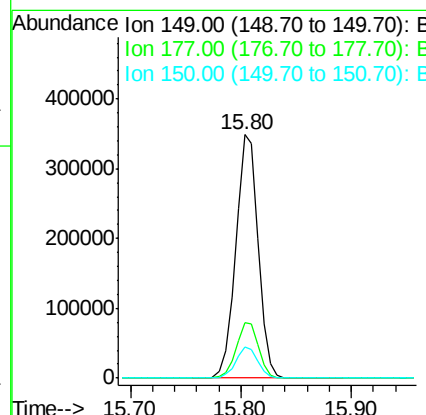
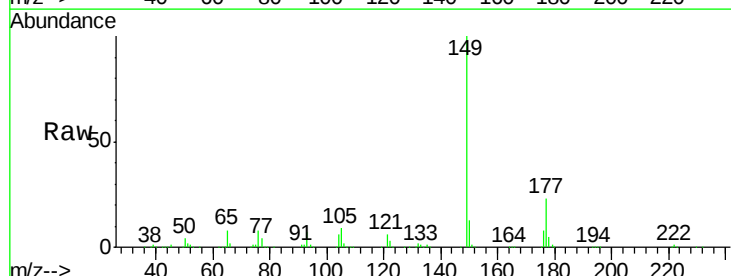
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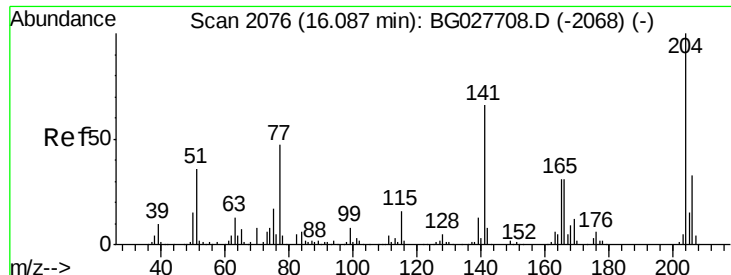
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#59
 Diethylphthalate
 Concen: 42.009 ng
 RT: 15.80 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	493449		
177	22.8	20.1	30.1	
150	12.9	10.2	15.2	





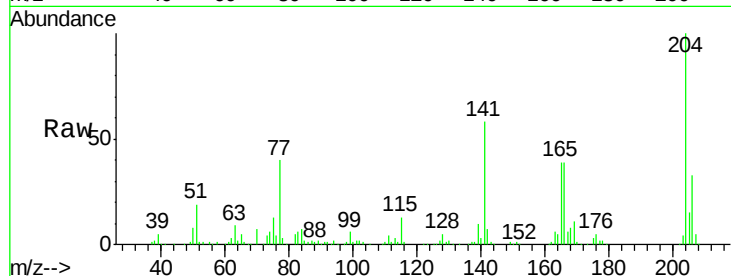
#60
 4-Chlorophenyl-phenylether
 Concen: 43.298 ng
 RT: 16.04 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

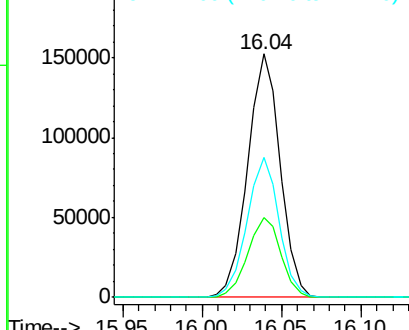
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.8	30.1	45.1
141	57.5	50.6	76.0

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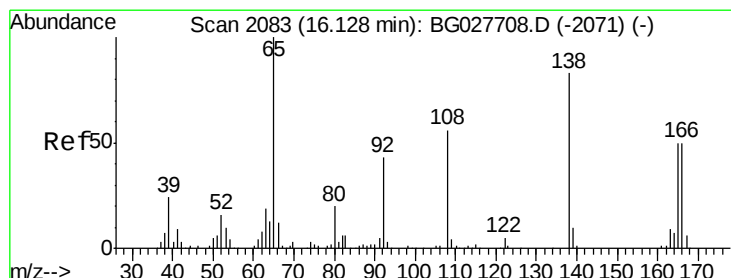
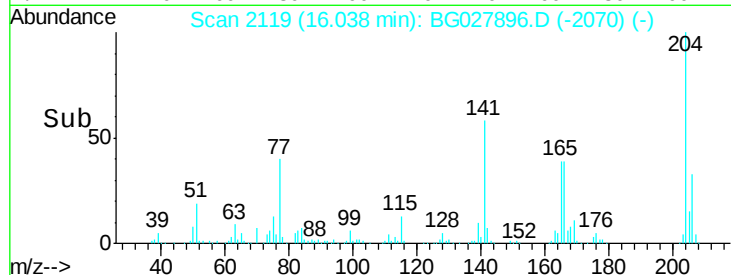


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



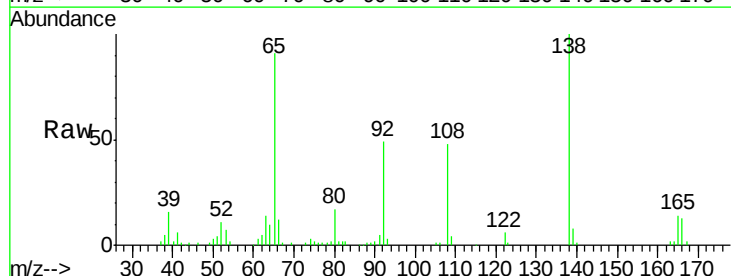
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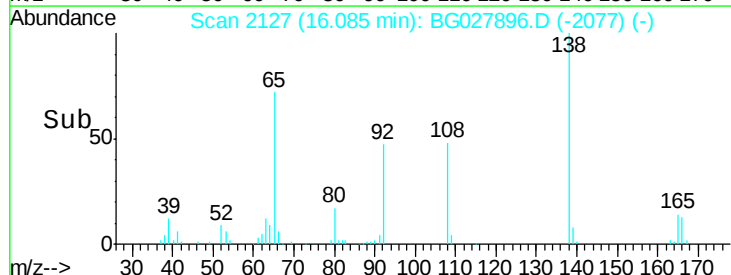
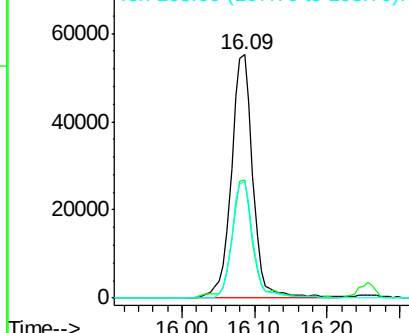


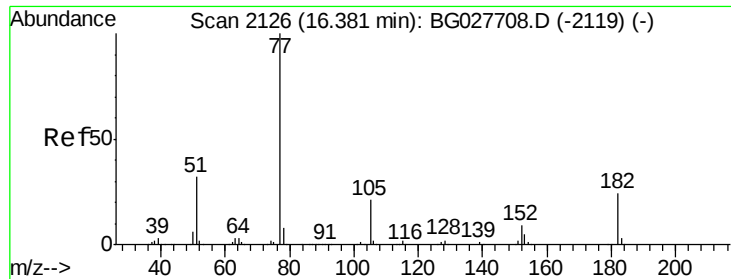
#61
 4-Nitroaniline
 Concen: 40.578 ng
 RT: 16.09 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	48.6	44.2	84.2
108	48.1	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: 40.825 ng

RT: 16.33 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG027896.D

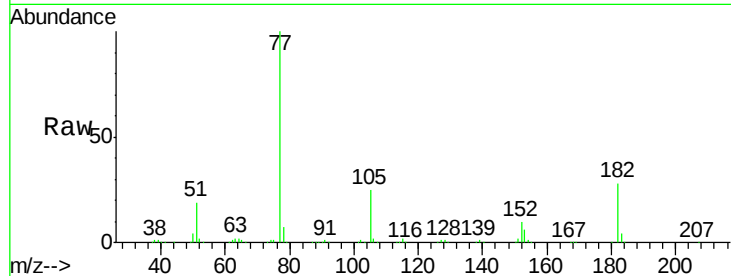
Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

ClientSampleId :

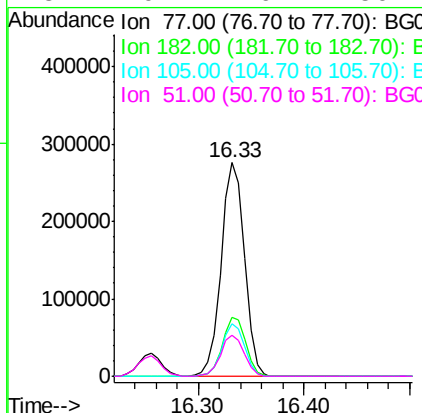
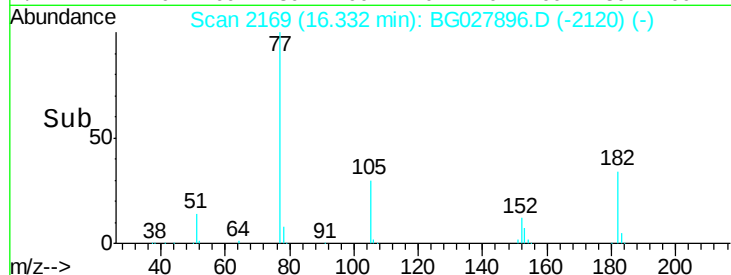
HR-06-070617-AMSD



Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.7	44.7
105	24.8	0.0	36.3
51	19.4	16.4	56.4

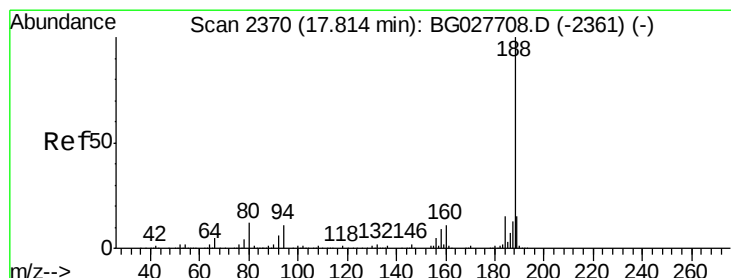
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#63

Phenanthrene-d10

Concen: 20.000 ng

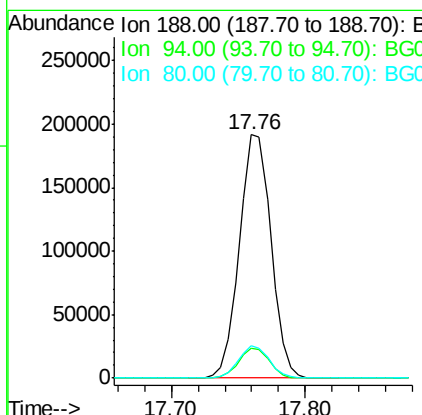
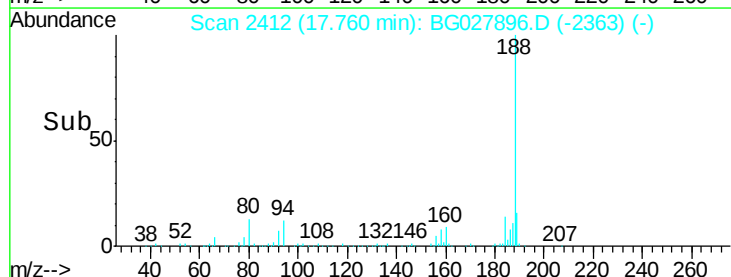
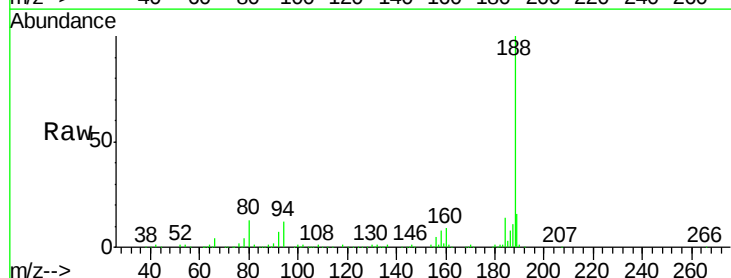
RT: 17.76 min Scan# 2412

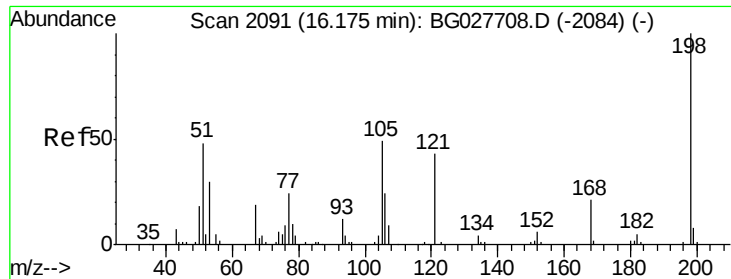
Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.8	8.8#
80	13.4	7.5	11.3#





#64

4,6-Dinitro-2-methylphenol

Concen: 41.758 ng

RT: 16.13 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

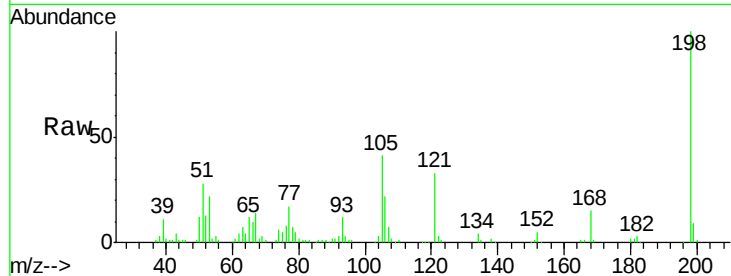
ClientSampleId :

HR-06-070617-AMSD

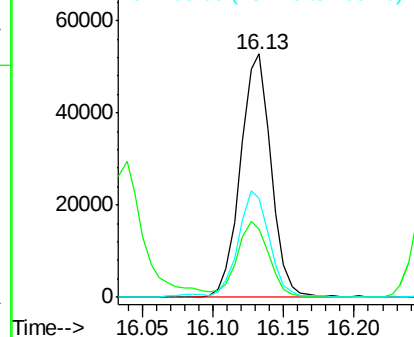
Tgt Ion:	198	Resp:	80010
Ion Ratio	Lower	Upper	
198	100		
51	28.2	22.6	62.6
105	40.9	14.4	54.4

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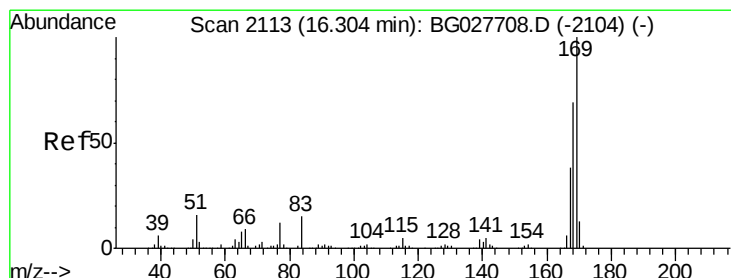
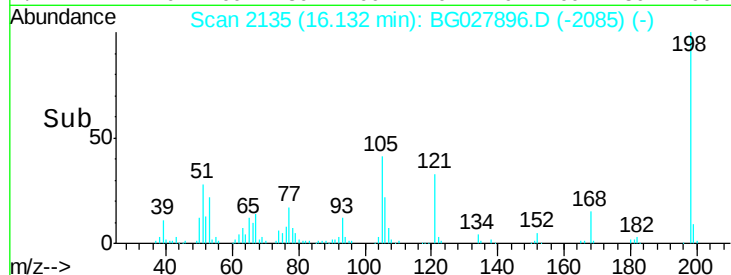


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 42.327 ng

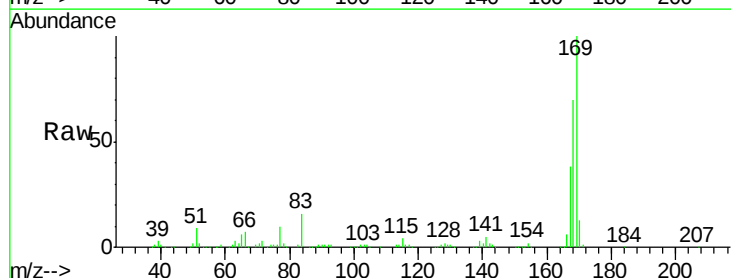
RT: 16.26 min Scan# 2156

Delta R.T. -0.01 min

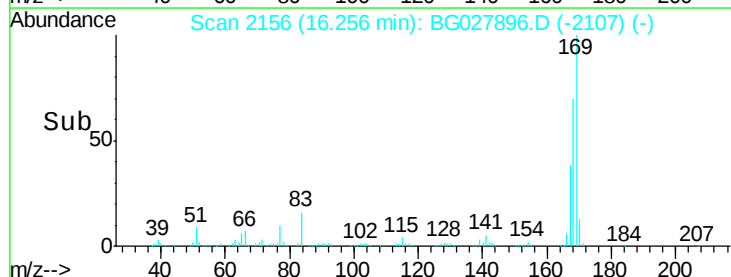
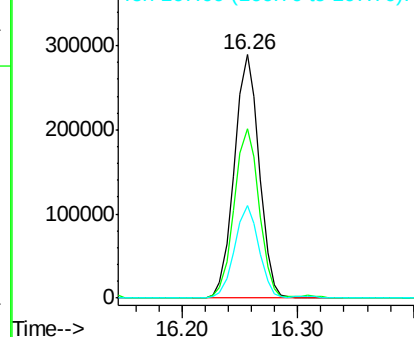
Lab File: BG027896.D

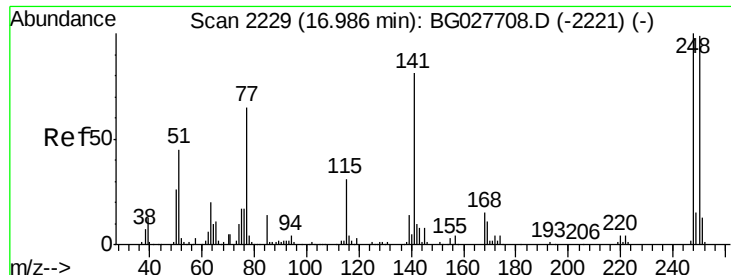
Acq: 10 Jul 2017 20:47

Tgt Ion:	169	Resp:	432049
Ion Ratio	Lower	Upper	
169	100		
168	69.7	55.7	83.5
167	38.0	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





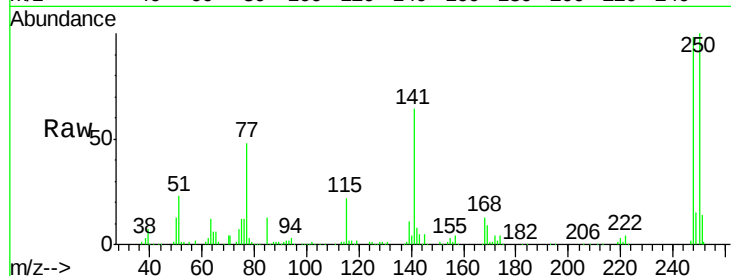
#66
 4-Bromophenyl-phenylether
 Concen: 45.403 ng
 RT: 16.94 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

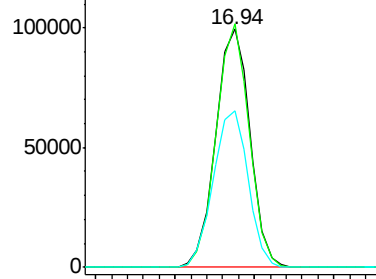
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	149007		
250	102.1	75.0	112.6	
141	65.5	55.2	82.8	

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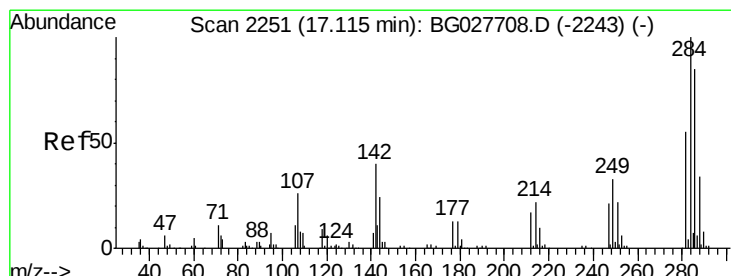
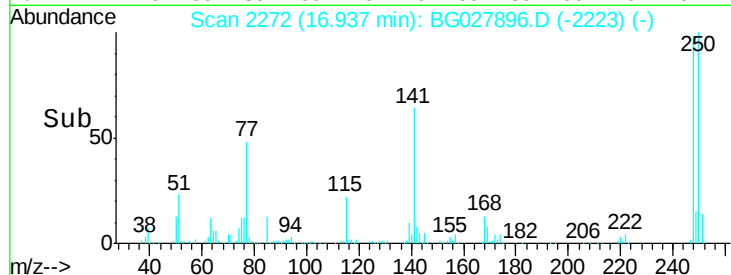


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



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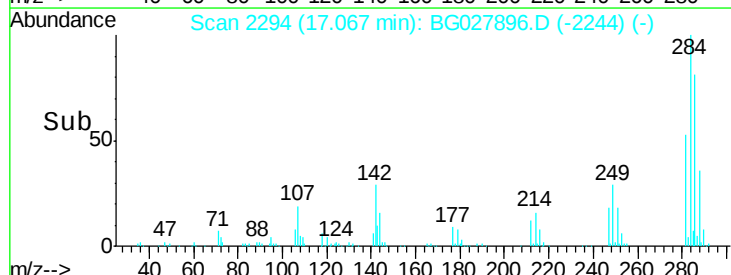
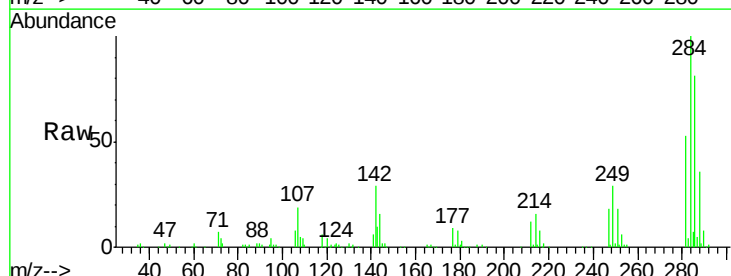
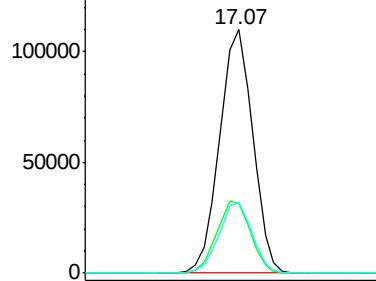
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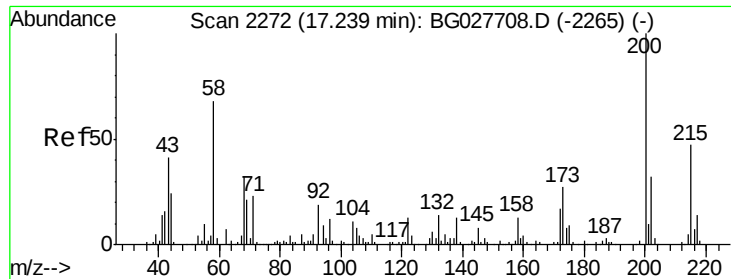


#67
 Hexachlorobenzene
 Concen: 48.385 ng
 RT: 17.07 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	168169		
142	28.6	29.9	44.9#	
249	29.0	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





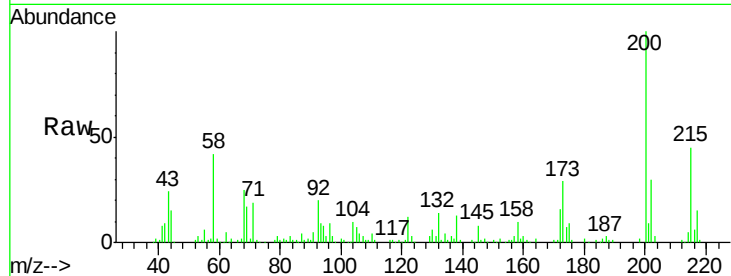
#68
Atrazine
Concen: 32.458 ng
RT: 17.20 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

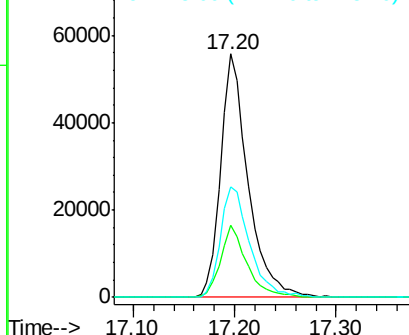
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	3.0	43.0
215	45.3	28.4	68.4

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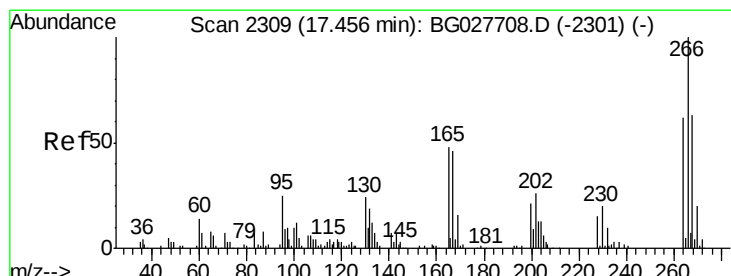
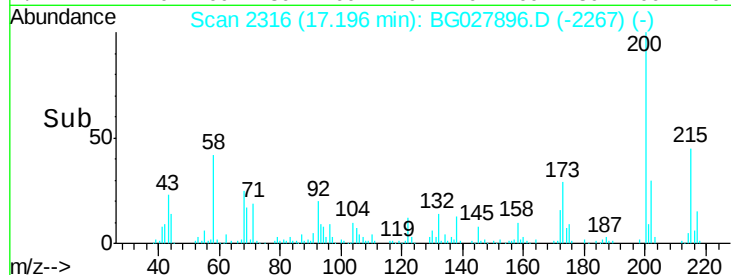


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



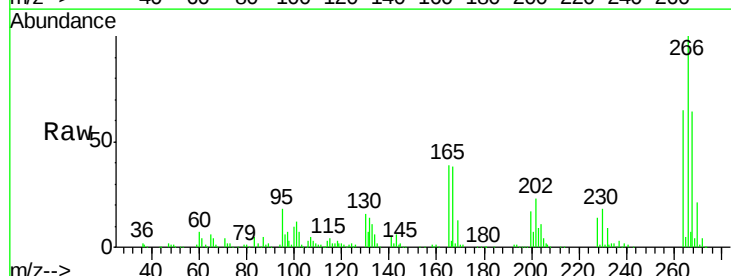
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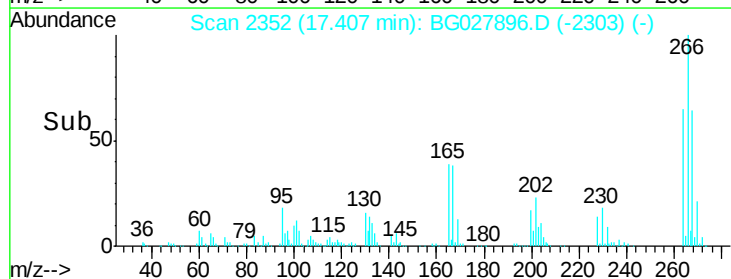
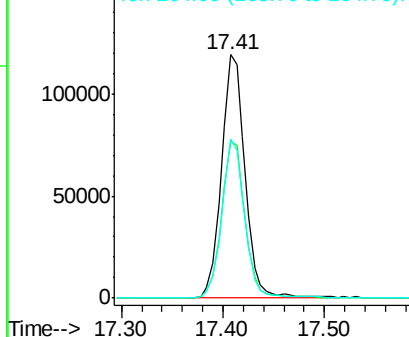


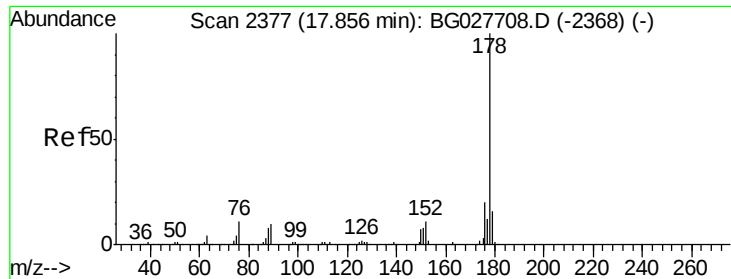
#69
Pentachlorophenol
Concen: 85.933 ng
RT: 17.41 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	48.6	72.8
264	65.2	50.1	75.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





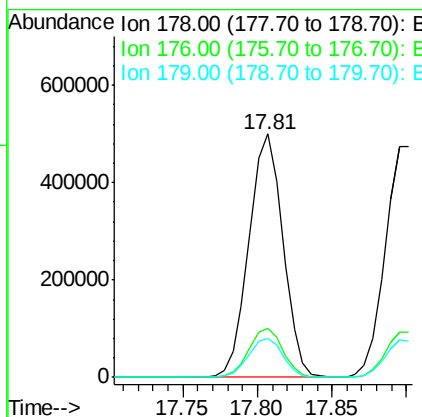
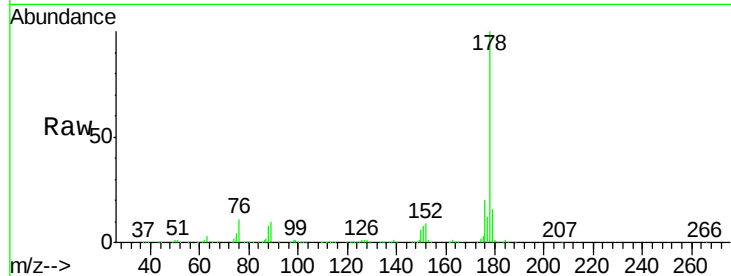
#70
Phenanthrene
Concen: 43.524 ng
RT: 17.81 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

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

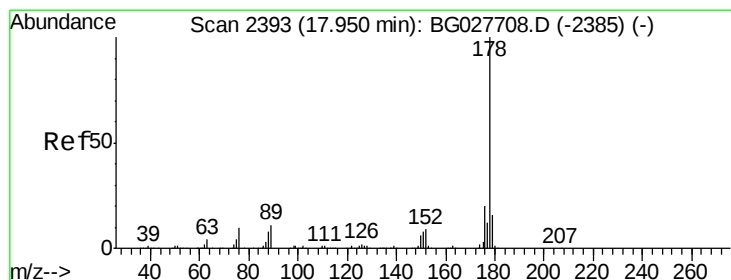
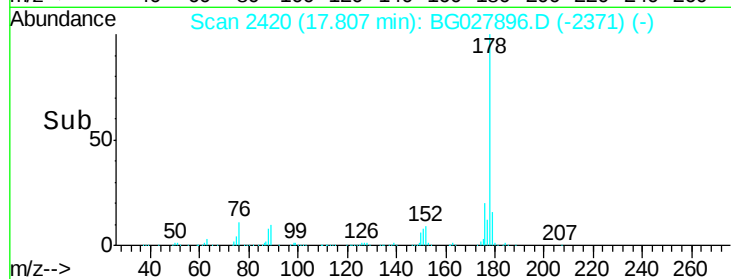
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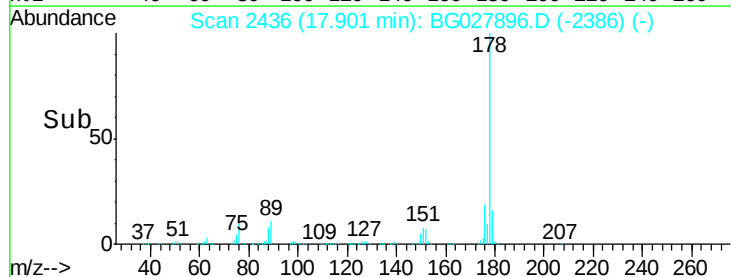
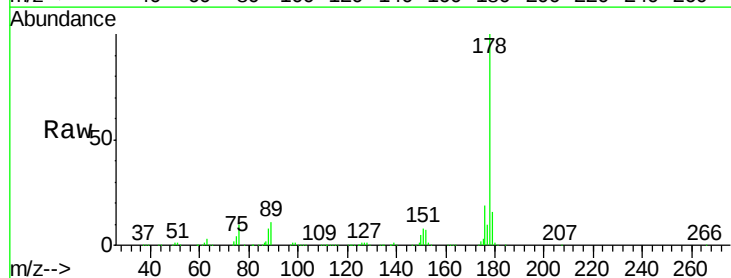
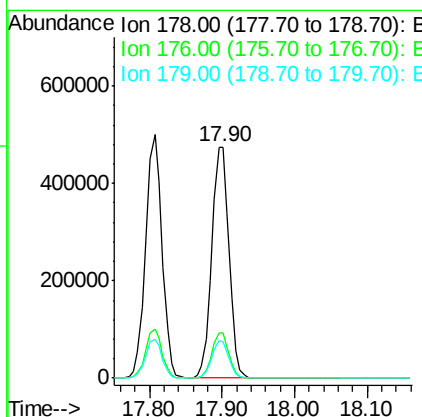
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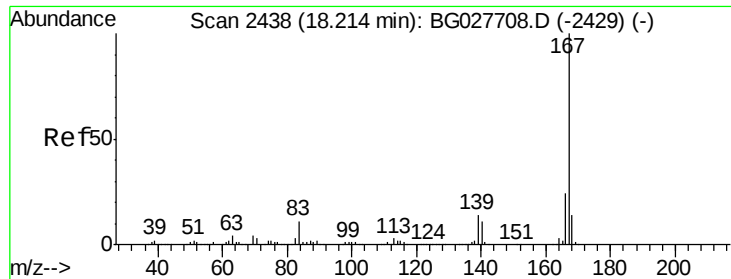
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#71
Anthracene
Concen: 42.850 ng
RT: 17.90 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.8	13.8	20.8





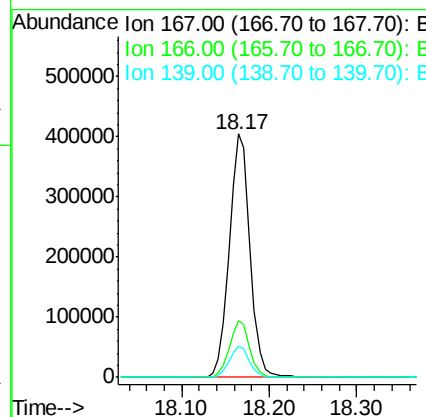
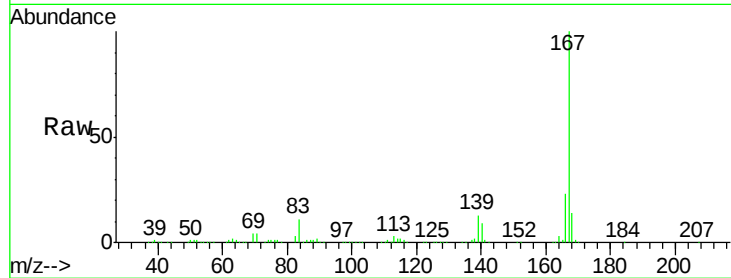
#72
 Carbazole
 Concen: 36.473 ng
 RT: 18.17 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	20.2	30.2
139	13.0	12.8	19.2

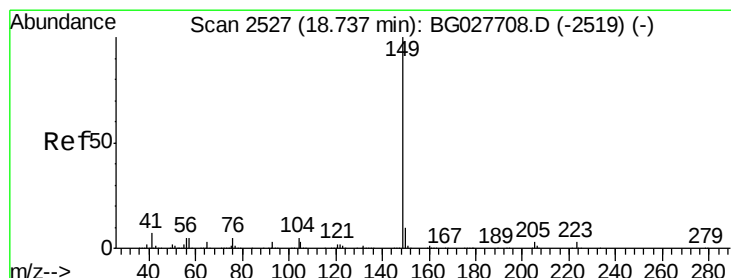
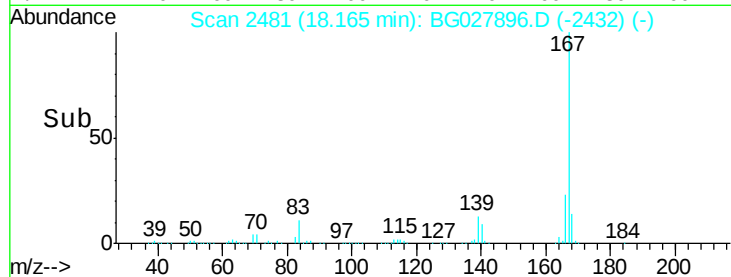
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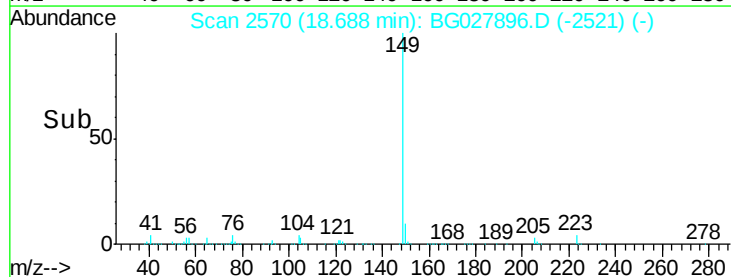
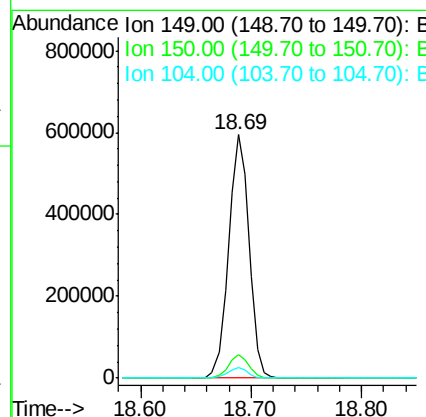
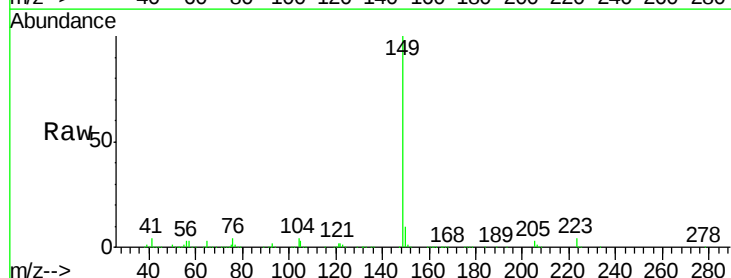
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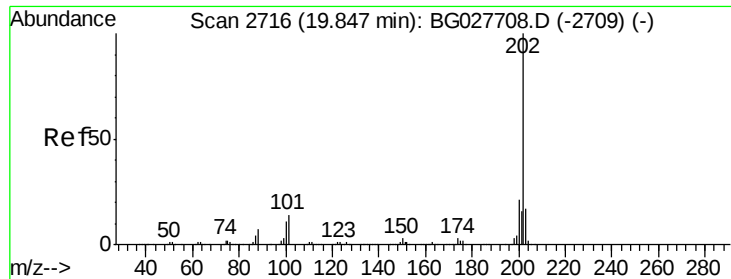
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#73
 Di-n-butylphthalate
 Concen: 38.795 ng
 RT: 18.69 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	4.2	6.7	10.1#





#74

Fluoranthene

Concen: 39.658 ng

RT: 19.80 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

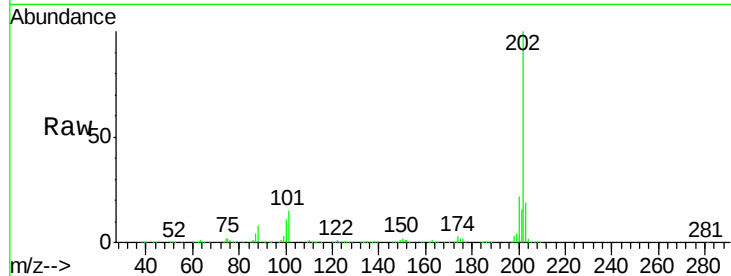
ClientSampleId :

HR-06-070617-AMSD

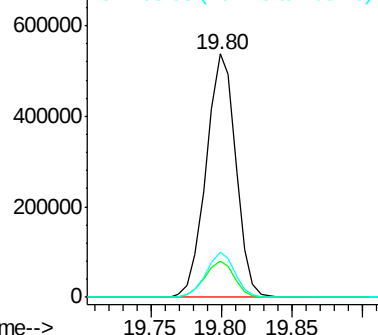
Tgt Ion:	202	Resp:	785147
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	30.1
203	18.6	1.3	41.3

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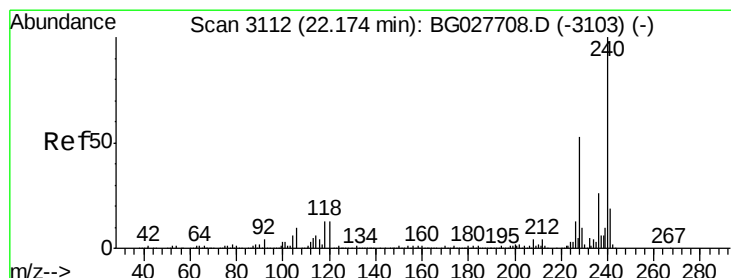
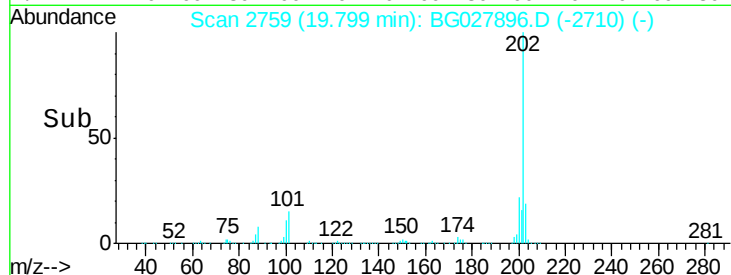


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

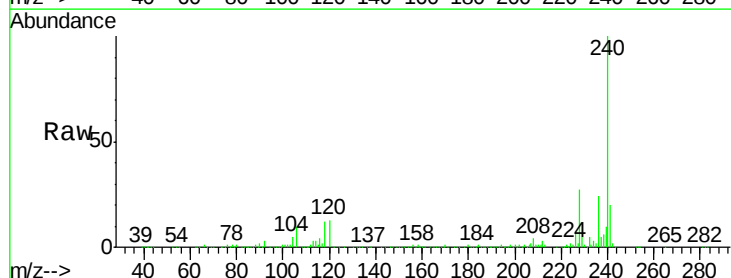
RT: 22.11 min Scan# 3153

Delta R.T. -0.01 min

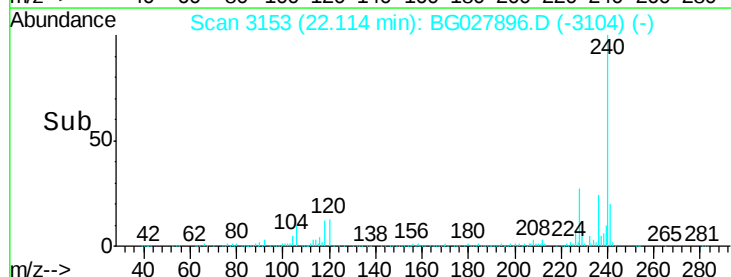
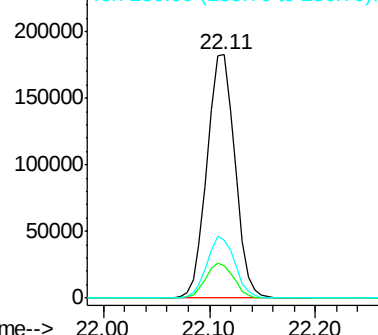
Lab File: BG027896.D

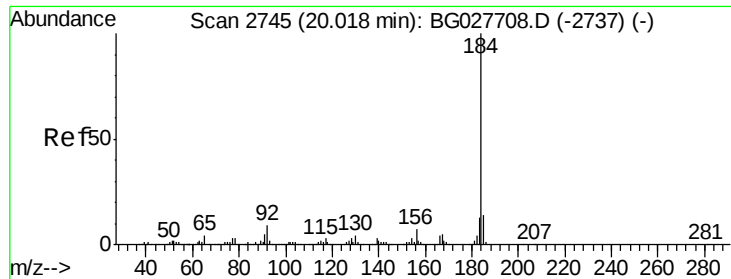
Acq: 10 Jul 2017 20:47

Tgt Ion:	240	Resp:	334038
Ion Ratio	Lower	Upper	
240	100		
120	13.4	5.7	8.5#
236	24.0	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: 3.722 ng

RT: 20.01 min Scan# 2795

Delta R.T. 0.02 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

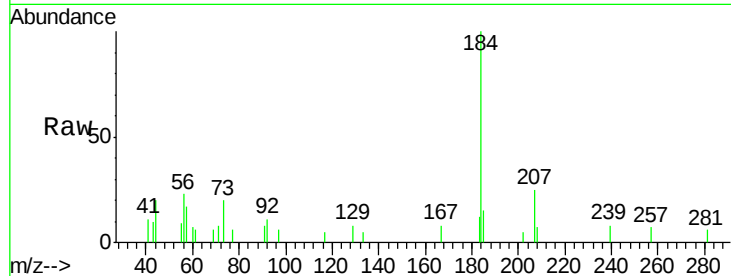
ClientSampleId :

HR-06-070617-AMSD

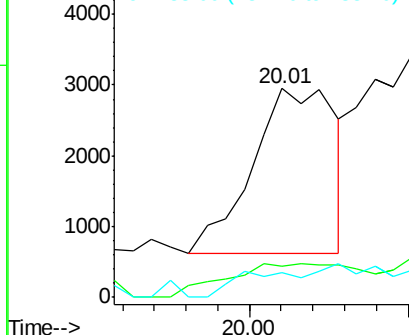
Tgt Ion:	184	Resp:	4301
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.6
183	12.0	11.0	16.6

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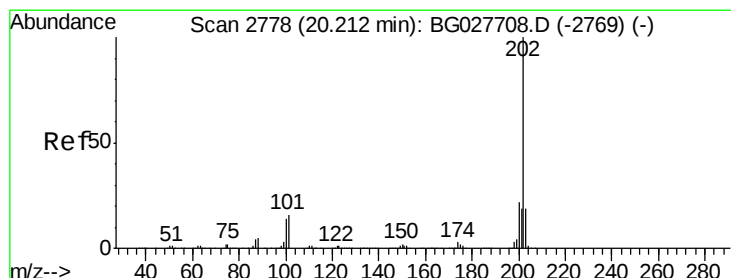
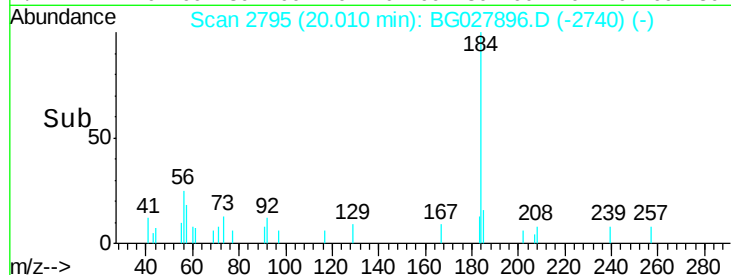


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 38.214 ng

RT: 20.16 min Scan# 2821

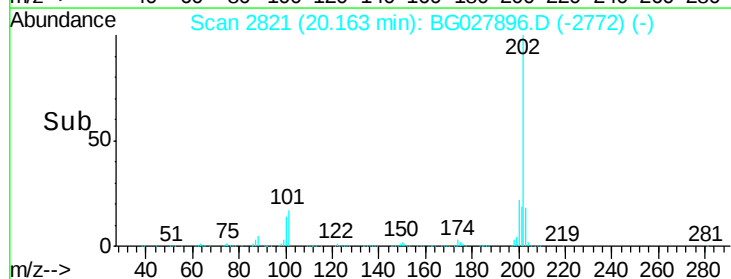
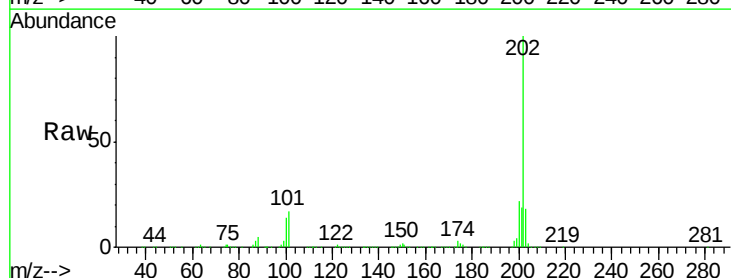
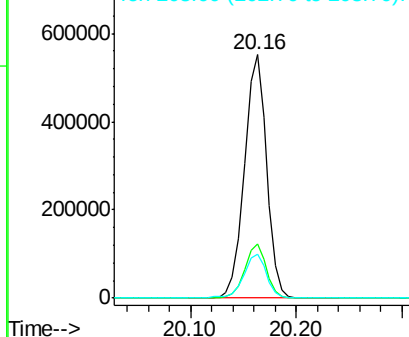
Delta R.T. -0.01 min

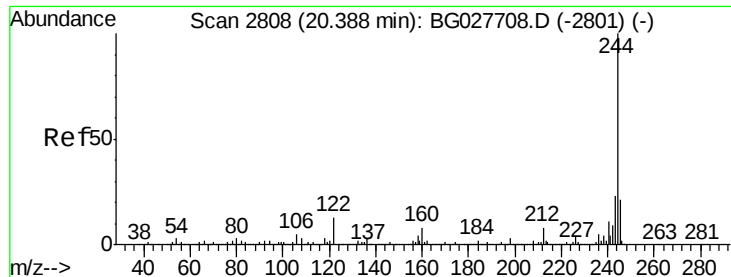
Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Tgt Ion:	202	Resp:	801082
Ion Ratio	Lower	Upper	
202	100		
200	22.1	19.6	29.4
203	18.2	15.8	23.8

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





#78

Terphenyl-d14

Concen: 84.901 ng

RT: 20.35 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

ClientSampleId :

HR-06-070617-AMSD

Tgt Ion:244 Resp: 1209718

Ion Ratio Lower Upper

244 100

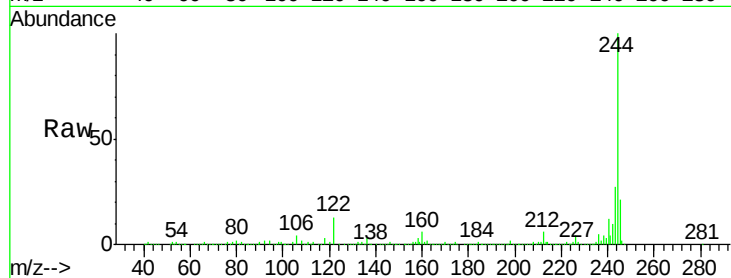
212 6.2 10.0 15.0#

122 12.8 8.6 12.8

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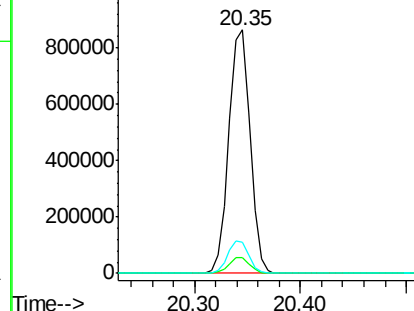
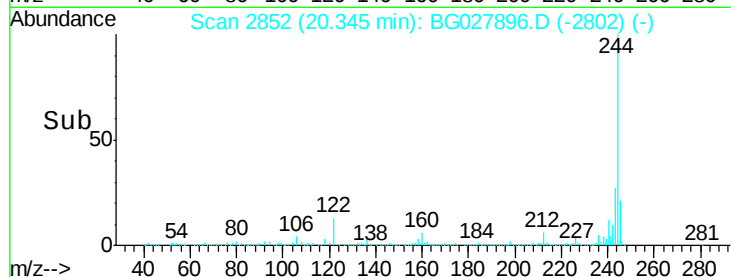
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Abundance Ion 244.00 (243.70 to 244.70): E

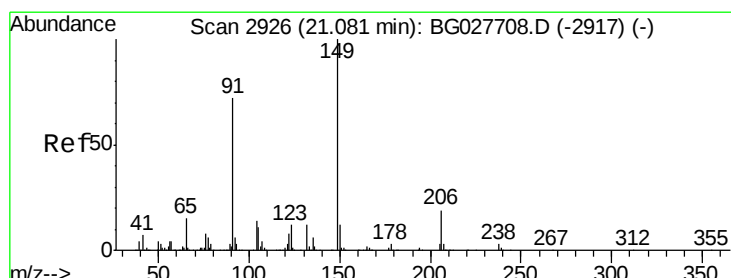
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 36.912 ng

RT: 21.03 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

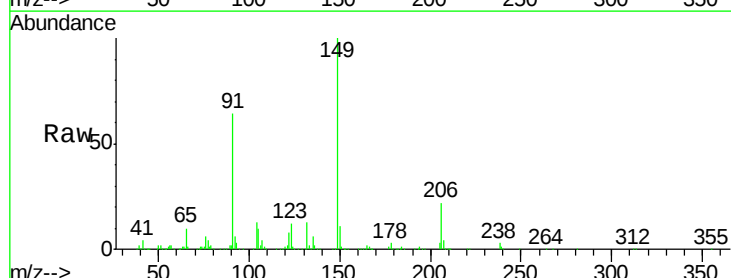
Tgt Ion:149 Resp: 348505

Ion Ratio Lower Upper

149 100

91 64.4 63.5 95.3

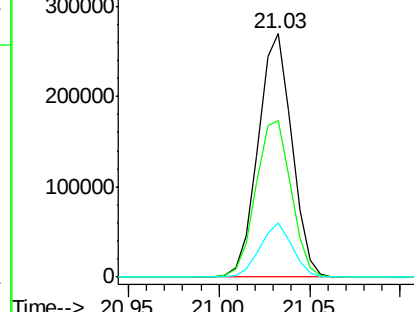
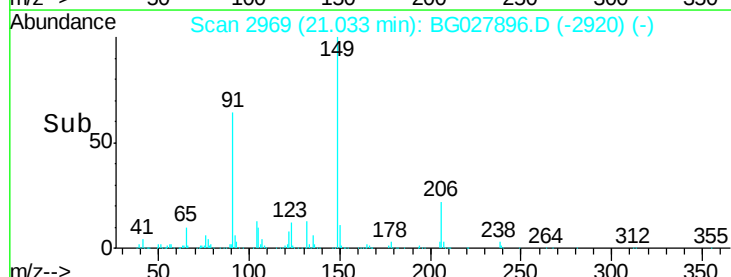
206 22.0 21.0 31.6

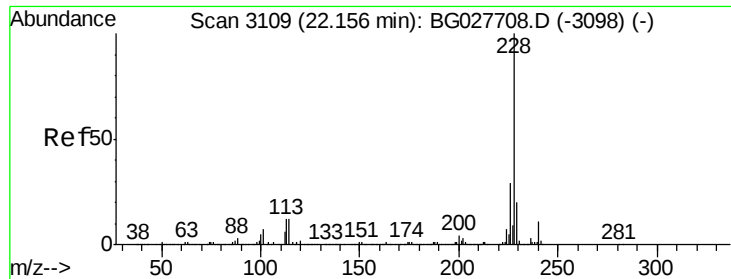


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





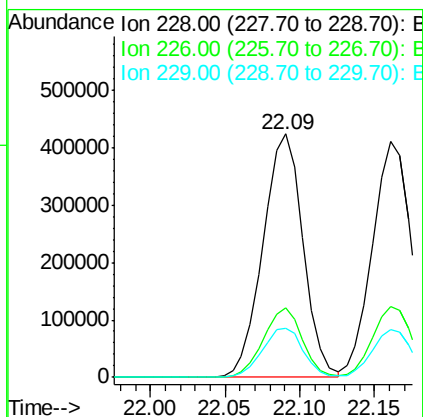
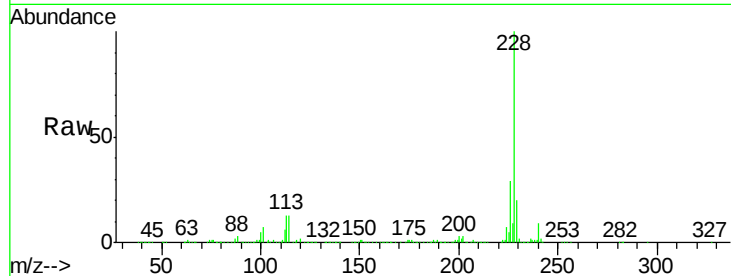
#80
Benzo(a)anthracene
Concen: 39.254 ng
RT: 22.09 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.9	37.3
229	20.2	18.2	27.2

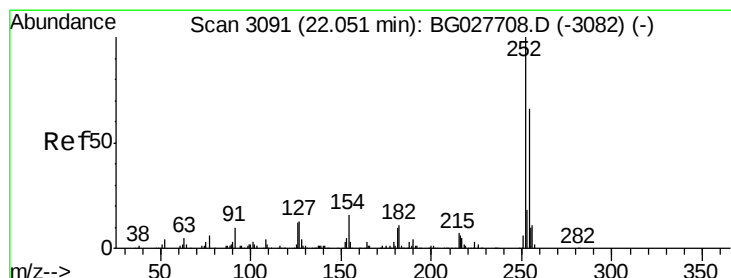
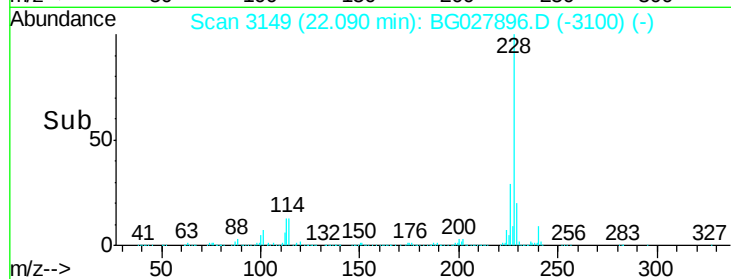
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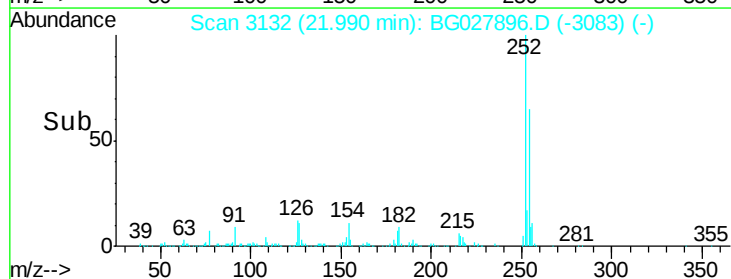
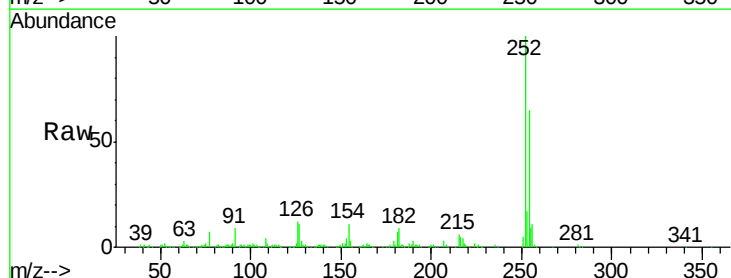
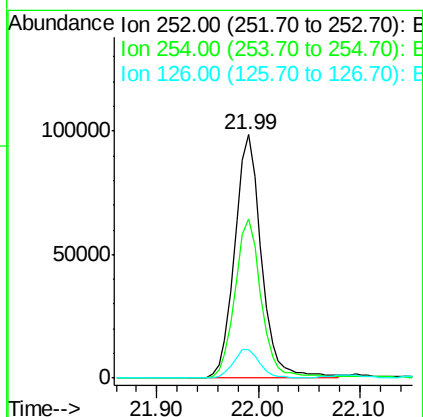
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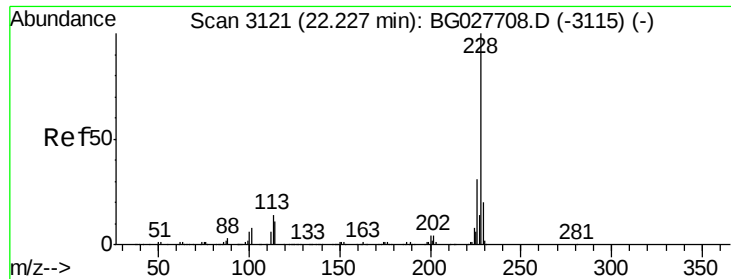
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#81
3,3'-Dichlorobenzidine
Concen: 24.686 ng
RT: 21.99 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.1	79.7
126	12.0	7.0	10.4





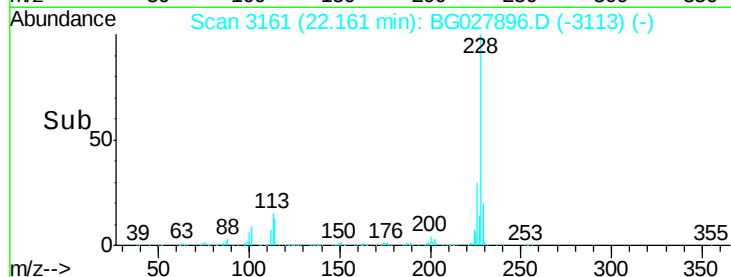
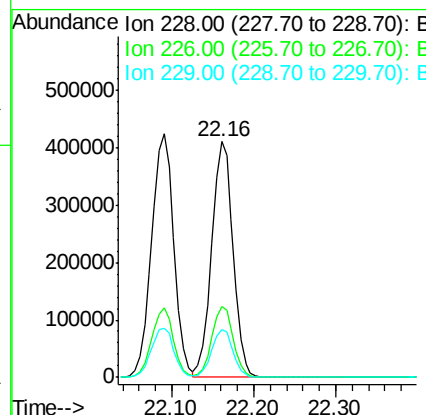
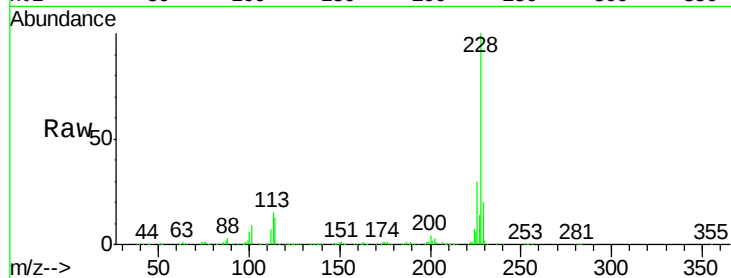
#82
 Chrysene
 Concen: 39.404 ng
 RT: 22.16 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	27.0	40.4
229	20.4	17.8	26.6

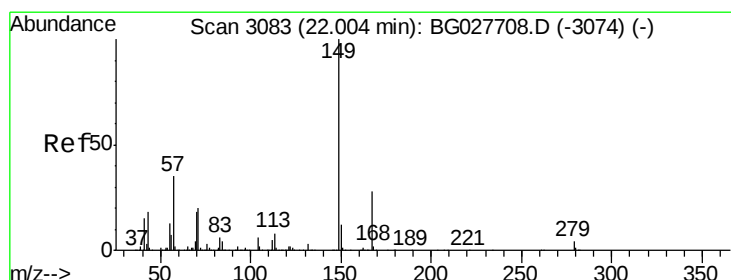
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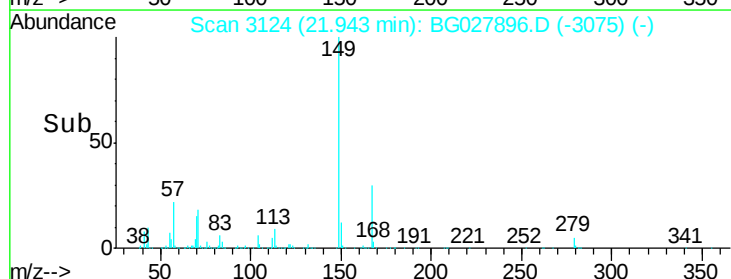
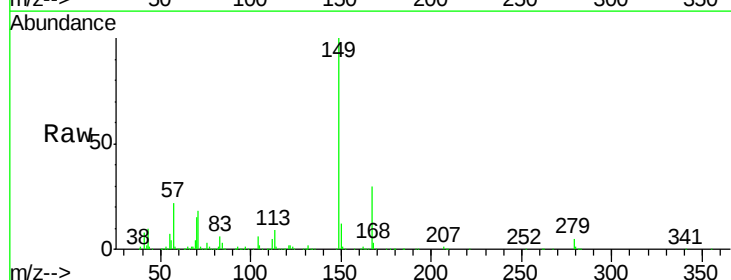
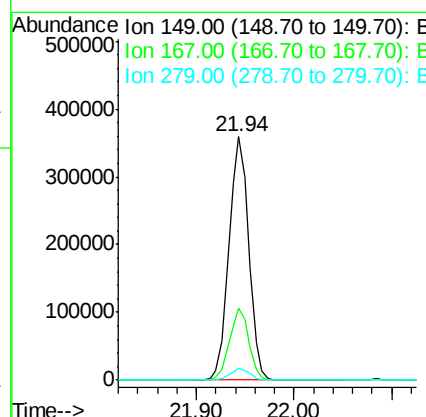
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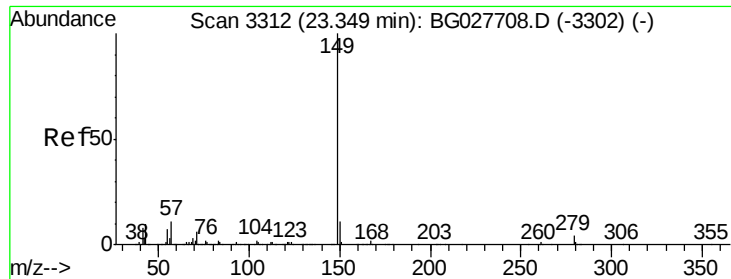
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.476 ng
 RT: 21.94 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BG027896.D
 Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	4.8	4.6	6.8





#84

Di-n-octyl phthalate

Concen: 38.027 ng

RT: 23.27 min Scan# 3350

Delta R.T. -0.02 min

Lab File: BG027896.D

Acq: 10 Jul 2017 20:47

Instrument :

BNA_G

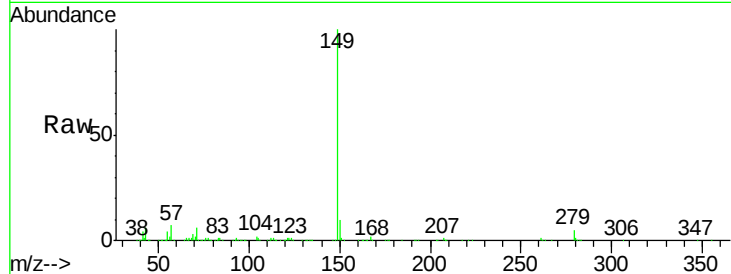
ClientSampleId :

HR-06-070617-AMSD

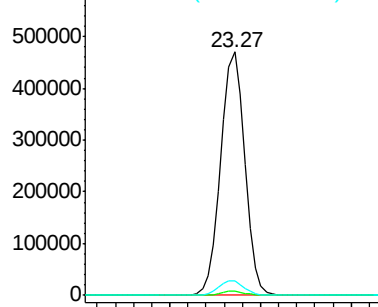
Tgt Ion:	149	Resp:	866816
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.2
43	6.2	11.8	17.6#

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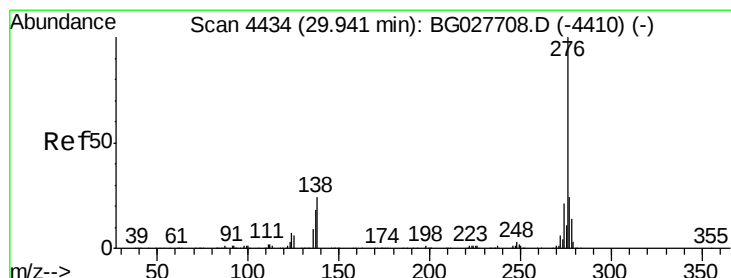
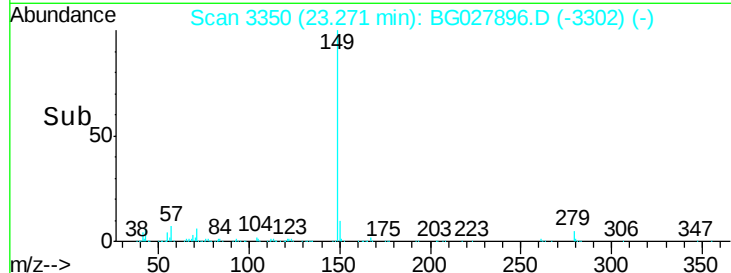


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



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#85

Indeno(1,2,3-cd)pyrene

Concen: 43.711 ng

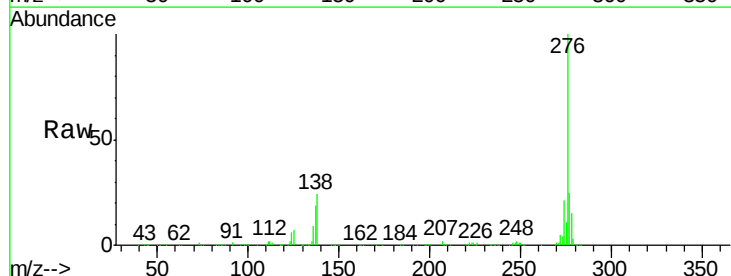
RT: 29.77 min Scan# 4456

Delta R.T. -0.03 min

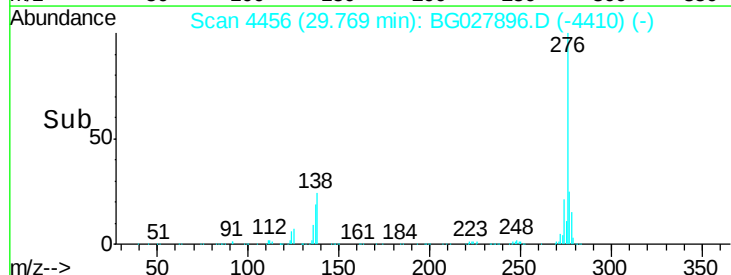
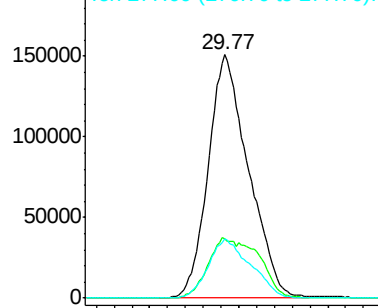
Lab File: BG027896.D

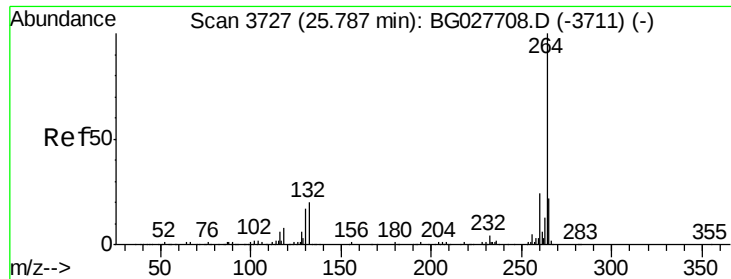
Acq: 10 Jul 2017 20:47

Tgt Ion:	276	Resp:	945703
Ion Ratio	Lower	Upper	
276	100		
138	31.2	4.7	7.1#
277	25.6	20.6	31.0



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





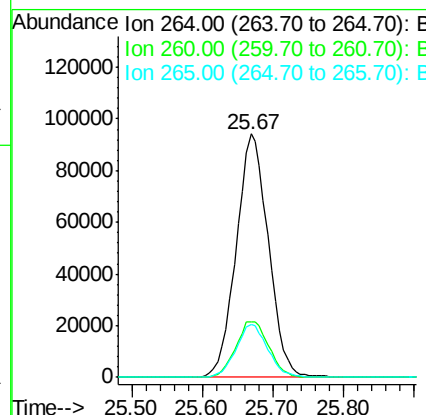
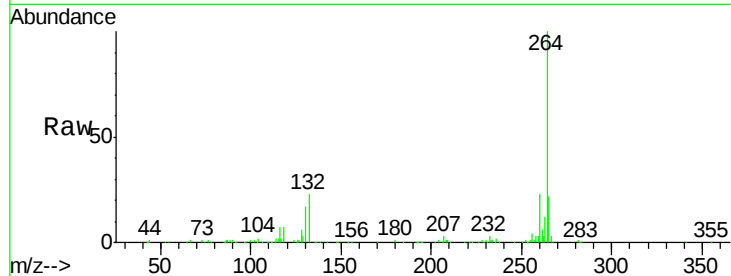
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	21.7	18.2	27.4

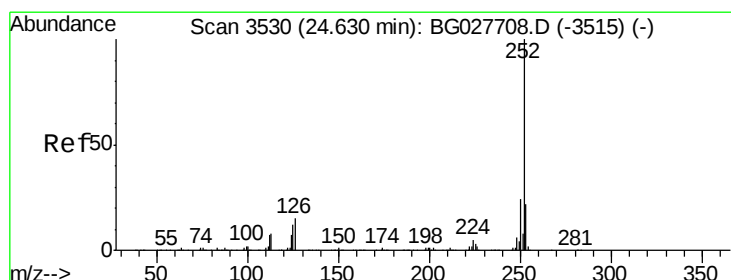
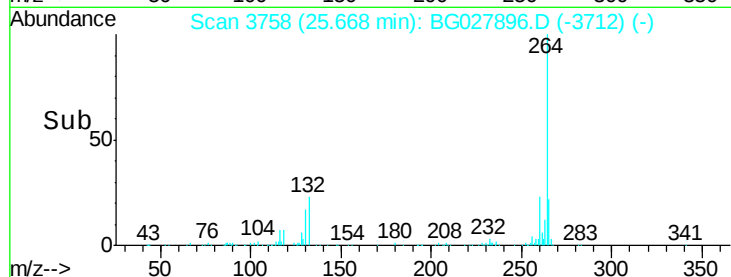
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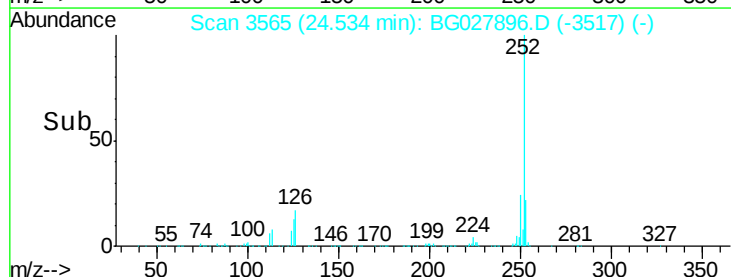
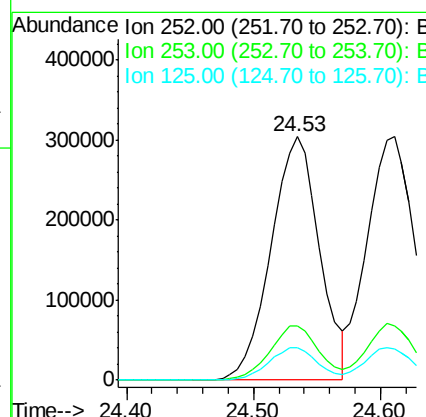
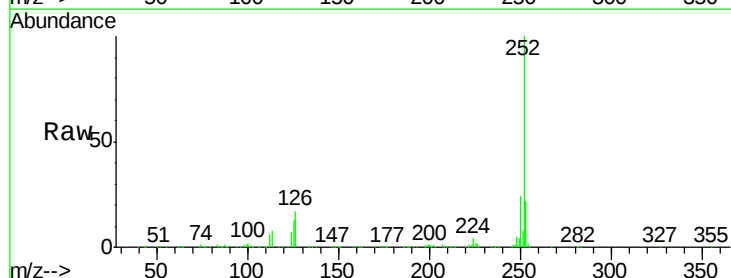
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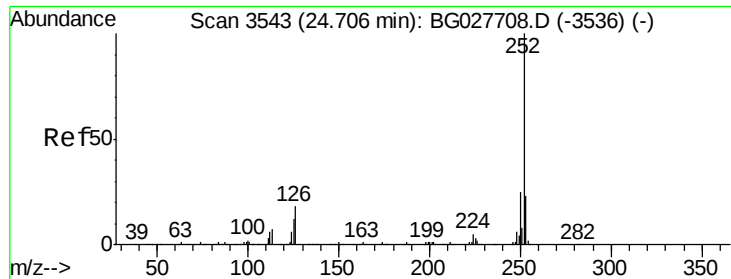
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#87
Benzo(b)fluoranthene
Concen: 42.240 ng
RT: 24.53 min Scan# 3565
Delta R.T. -0.02 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	13.2	5.3	7.9





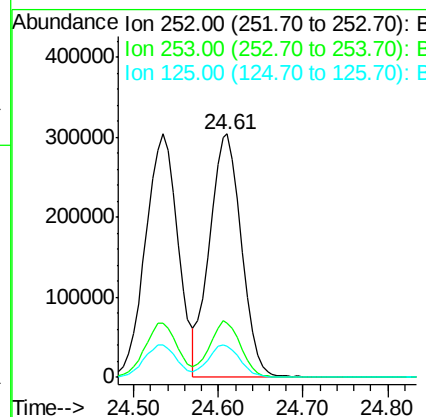
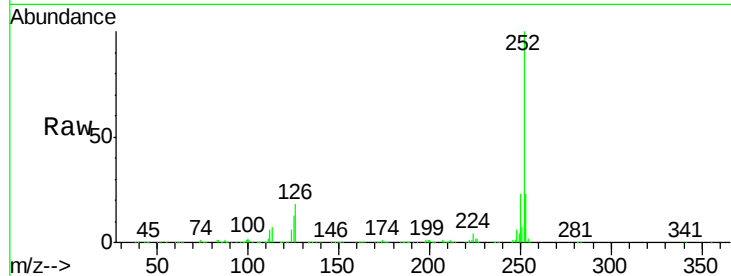
#88
Benzo(k)fluoranthene
Concen: 42.261 ng
RT: 24.61 min Scan# 3578
Delta R.T. -0.02 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.2	30.2
125	12.6	5.1	7.7#

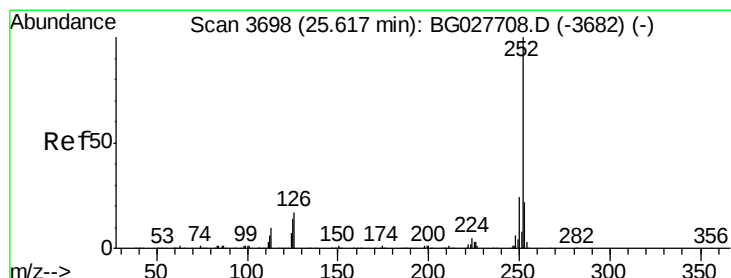
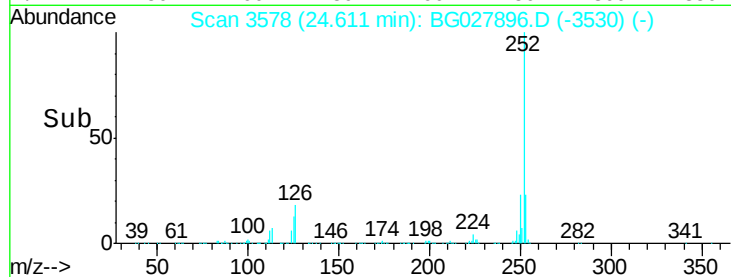
Manual Integrations
APPROVED

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7/11/2017 3:34:43 PM



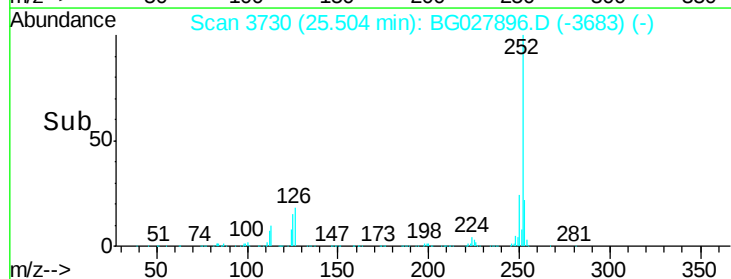
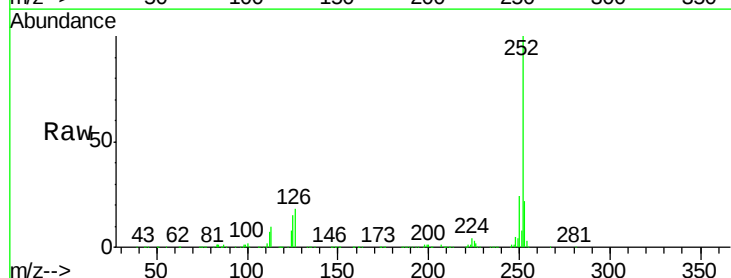
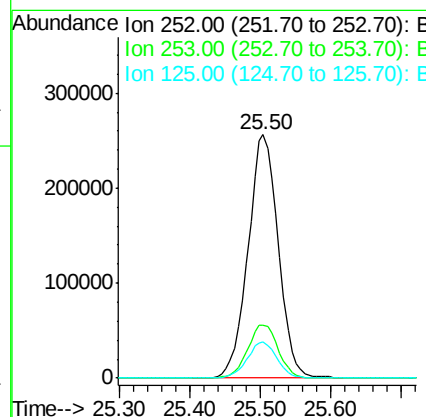
mohammad

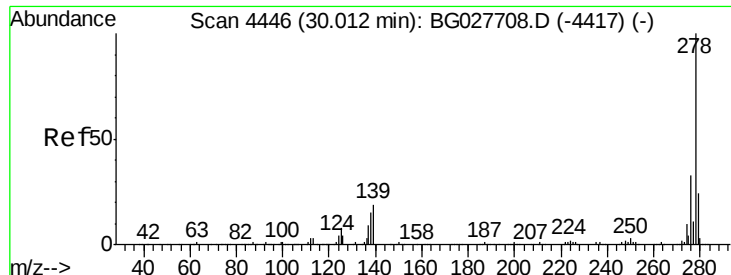
7/11/2017 3:34:43 PM



#89
Benzo(a)pyrene
Concen: 42.552 ng
RT: 25.50 min Scan# 3730
Delta R.T. -0.03 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.2	28.8
125	15.0	5.4	8.0#





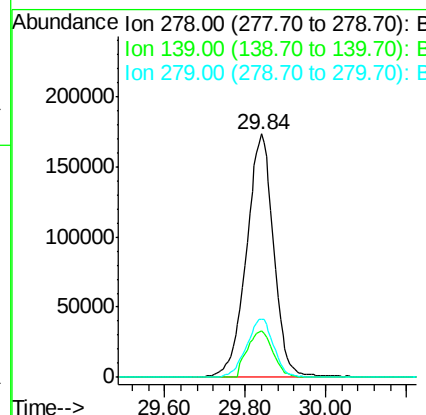
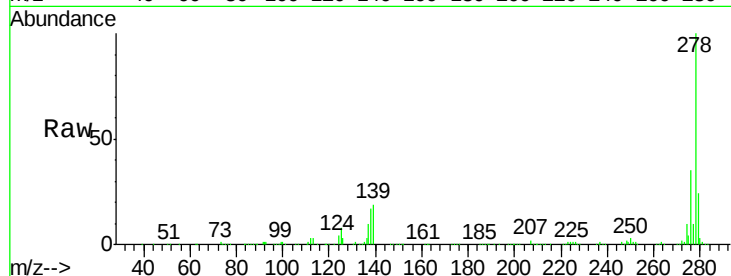
#90
Dibenzo(a,h)anthracene
Concen: 44.800 ng
RT: 29.84 min Scan# 4468
Delta R.T. -0.03 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Instrument :
BNA_G
ClientSampleId :
HR-06-070617-AMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	7.7	11.5#
279	23.8	19.1	28.7

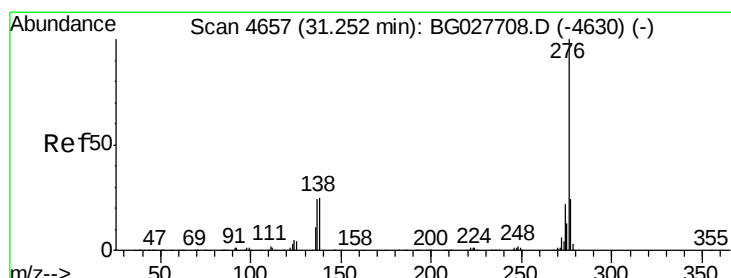
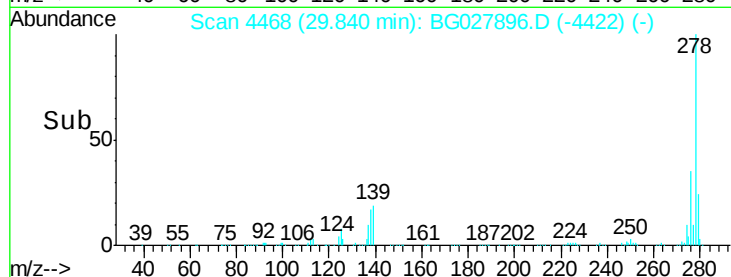
Manual Integrations
APPROVED

mohammad
7/11/2017 3:34:43 PM



mohammad

7/11/2017 3:34:43 PM



#91
Benzo(g,h,i)perylene
Concen: 43.338 ng
RT: 31.06 min Scan# 4676
Delta R.T. -0.03 min
Lab File: BG027896.D
Acq: 10 Jul 2017 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	26.2	8.1	12.1#

