

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032716.D
 Acq On : 15 Feb 2018 16:39
 Operator : SJ/JU
 Sample : J1393-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:27:23 PM

Quant Time: Feb 16 10:43:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	28612	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	103203	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	82679	20.00	ng	-0.03
63) Phenanthrene-d10	18.01	188	226925	20.00	ng	-0.03
75) Chrysene-d12	22.34	240	289894	20.00	ng	-0.03
86) Perylene-d12	25.96	264	298449	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	167770	117.64	ng	-0.03
7) Phenol-d6	7.75	99	186205	95.49	ng	-0.04
23) Nitrobenzene-d5	9.83	82	135938	83.71	ng	-0.05
41) 2,4,6-Tribromophenol	16.76	330	223291	175.39	ng	-0.03
44) 2-Fluorobiphenyl	13.90	172	560953	84.84	ng	-0.03
78) Terphenyl-d14	20.56	244	1179459	92.73	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.76	88	16539	27.724	ng	# 70
3) Pyridine	4.21	79	19187	12.539	ng	84
4) n-Nitrosodimethylamine	4.11	42	29148	40.539	ng	# 59
6) Aniline	7.93	93	13920	6.040	ng	# 96
8) 2-Chlorophenol	8.18	128	70103	42.749	ng	# 82
9) Benzaldehyde	7.74	77	9545	8.283	ng	# 82
10) Phenol	7.78	94	61114	32.225	ng	84
11) bis(2-Chloroethyl)ether	8.02	93	53315	35.066	ng	84
12) 1,3-Dichlorobenzene	8.66	146	91371	39.506	ng	96
13) 1,4-Dichlorobenzene	8.66	146	91371	39.988	ng	100
14) 1,2-Dichlorobenzene	8.99	146	90202	39.140	ng	97
15) Benzyl Alcohol	8.87	79	54948	37.595	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.16	45	53639	32.780	ng	70
17) 2-Methylphenol	9.08	107	51506	38.348	ng	93
18) Hexachloroethane	9.74	117	27243	32.653	ng	# 84
19) n-Nitroso-di-n-propylamine	9.44	70	48435	36.947	ng	# 92
20) 3+4-Methylphenols	9.40	107	71952	35.445	ng	95
22) Acetophenone	9.47	105	105095	47.881	ng	# 95
24) Nitrobenzene	9.87	77	62423	36.715	ng	# 85
25) Isophorone	10.39	82	121159	39.134	ng	# 86
26) 2-Nitrophenol	10.60	139	40506	44.544	ng	# 79
27) 2,4-Dimethylphenol	10.64	122	66252	55.455	ng	95
28) bis(2-Chloroethoxy)methane	10.87	93	65768	41.555	ng	# 93
29) 2,4-Dichlorophenol	11.14	162	79993	45.747	ng	89
30) 1,2,4-Trichlorobenzene	11.36	180	101277	41.314	ng	96
31) Naphthalene	11.56	128	225175	44.934	ng	100
32) Benzoic acid	10.77	122	28675	31.600	ng	# 77
33) 4-Chloroaniline	11.67	127	7274	3.658	ng	# 87
34) Hexachlorobutadiene	11.83	225	81873	40.752	ng	99
35) Caprolactam	12.42	113	17845	35.937	ng	# 38
36) 4-Chloro-3-methylphenol	12.75	107	84661	53.827	ng	# 82
37) 2-Methylnaphthalene	13.13	142	201769	49.639	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.49	216	156525	40.083	ng	95
40) Hexachlorocyclopentadiene	13.46	237	219006	88.622	ng	92

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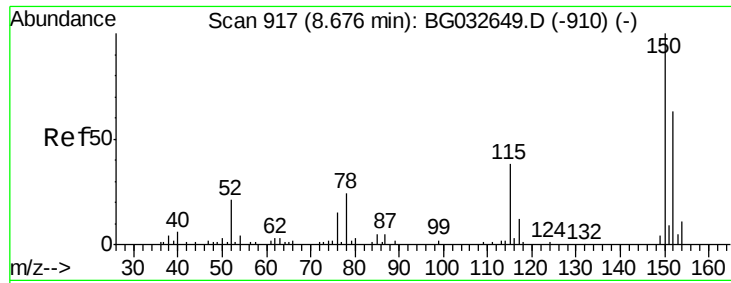
Manual Integrations
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Quant Time: Feb 16 10:43:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	91811	47.106	nq	98
43) 2,4,5-Trichlorophenol	13.79	196	86918	35.785	nq	# 93
45) 1,1'-Biphenyl	14.11	154	274523	40.354	nq	92
46) 2-Chloronaphthalene	14.16	162	223662	41.548	nq	96
47) 2-Nitroaniline	14.36	65	47521	40.582	nq	# 77
48) Acenaphthylene	15.00	152	325749	41.130	nq	99
49) Dimethylphthalate	14.70	163	258569	36.180	nq	100
50) 2,6-Dinitrotoluene	14.84	165	62380	42.382	nq	# 78
51) Acenaphthene	15.34	154	253222	46.818	nq	97
52) 3-Nitroaniline	15.17	138	6457	4.968	nq	# 60
53) 2,4-Dinitrophenol	15.37	184	72970	90.192	nq	# 62
54) Dibenzofuran	15.67	168	347265	43.154	nq	98
55) 4-Nitrophenol	15.47	139	68987	72.142	nq	# 78
56) 2,4-Dinitrotoluene	15.62	165	100695	49.652	nq	# 68
57) Fluorene	16.31	166	248862	37.605	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.89	232	109337	47.812	nq	# 86
59) Diethylphthalate	16.05	149	246367	35.429	nq	100
60) 4-Chlorophenyl-phenylether	16.29	204	156374	35.789	nq	94
61) 4-Nitroaniline	16.33	138	25318	18.893	nq	# 74
62) Azobenzene	16.58	77	185655	41.555	nq	85
64) 4,6-Dinitro-2-methylphenol	16.38	198	54046	34.340	nq	# 72
65) n-Nitrosodiphenylamine	16.51	169	217859	32.735	nq	99
66) 4-Bromophenyl-phenylether	17.18	248	138421	42.622	nq	95
67) Hexachlorobenzene	17.31	284	143948	41.268	nq	# 89
68) Atrazine	17.43	200	59759	20.935	nq	97
69) Pentachlorophenol	17.65	266	187504	87.807	nq	99
70) Phenanthrene	18.05	178	513495	42.124	nq	100
71) Anthracene	18.15	178	541772	43.436	nq	98
72) Carbazole	18.41	167	381365	35.861	nq	96
73) Di-n-butylphthalate	18.92	149	534864	44.669	nq	98
74) Fluoranthene	20.03	202	699716	42.997	nq	96
77) Pyrene	20.39	202	722953	41.919	nq	99
79) Butylbenzylphthalate	21.24	149	245697	43.246	nq	# 76
80) Benzo(a)anthracene	22.31	228	758345	41.781	nq	99
81) 3,3'-Dichlorobenzidine	22.21	252	25732	3.796	nq	# 97
82) Chrysene	22.39	228	731661	40.881	nq	99
83) Bis(2-ethylhexyl)phthalate	22.16	149	349118	42.613	nq	# 97
84) Di-n-octyl phthalate	23.51	149	548504	42.672	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.16	276	1026252	48.404	nq	# 83
87) Benzo(b)fluoranthene	24.78	252	691474	38.877	nq	# 96
88) Benzo(k)fluoranthene	24.87	252	656794	35.681	nq	# 96
89) Benzo(a)pyrene	25.79	252	784892	45.298	nq	# 95
90) Dibenzo(a,h)anthracene	30.23	278	866060	50.206	nq	# 94
91) Benzo(g,h,i)perylene	31.46	276	822751	49.339	nq	# 89

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



#1

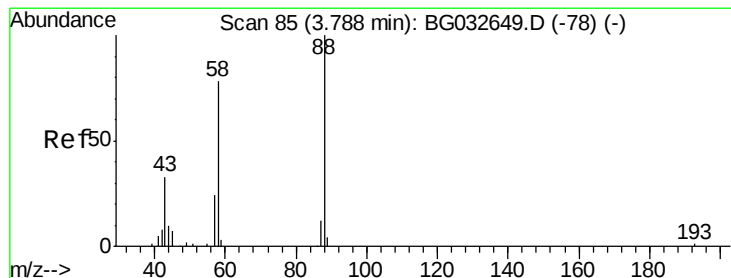
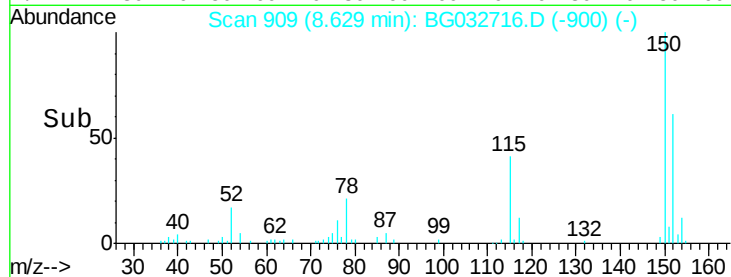
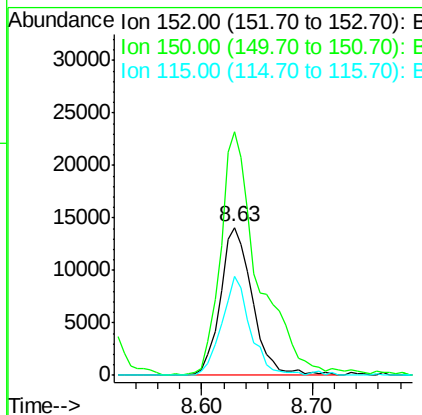
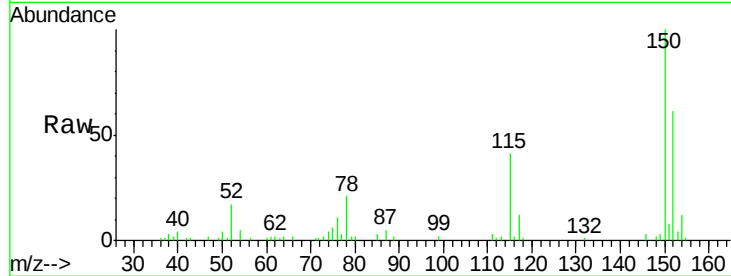
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.6	189.8
115	67.0	53.0	79.4

Manual Integrations
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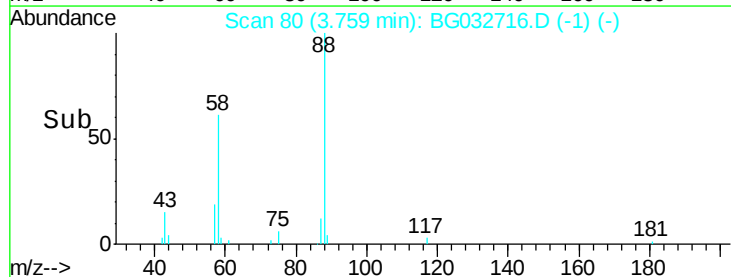
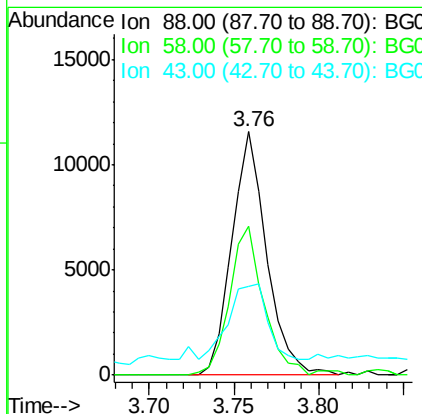
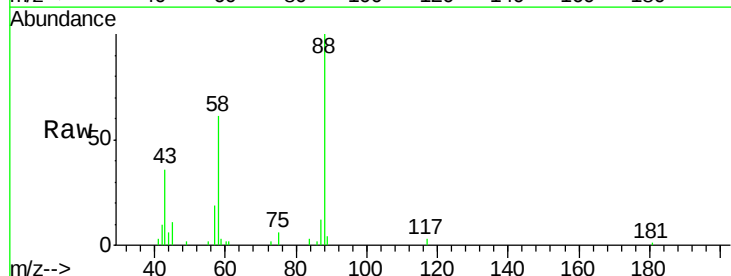
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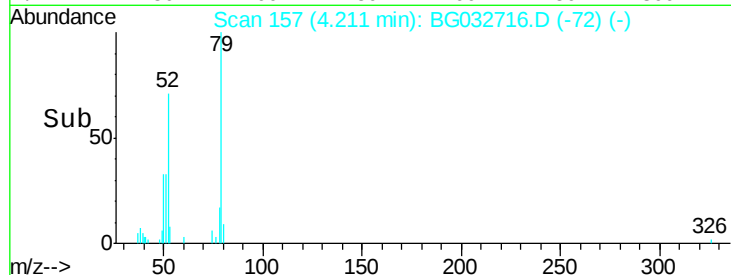
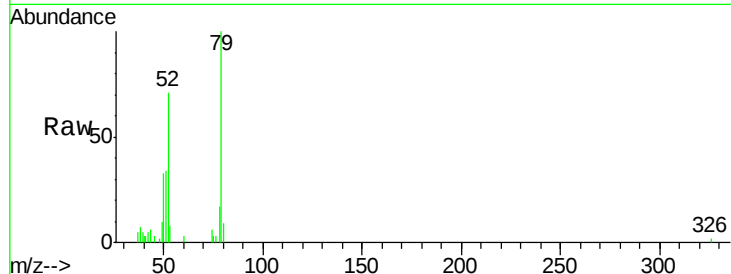
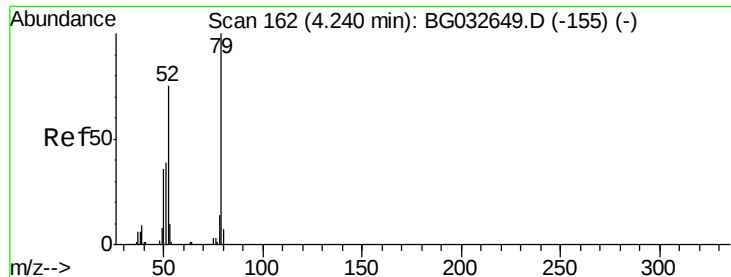


#2

1,4-Dioxane
Concen: 27.724 ng
RT: 3.76 min Scan# 80
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	79.6	119.4#
43	36.0	27.4	41.0





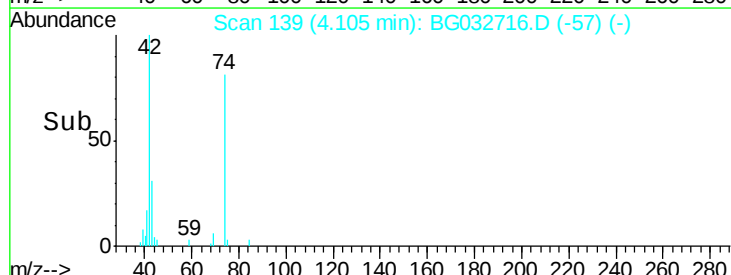
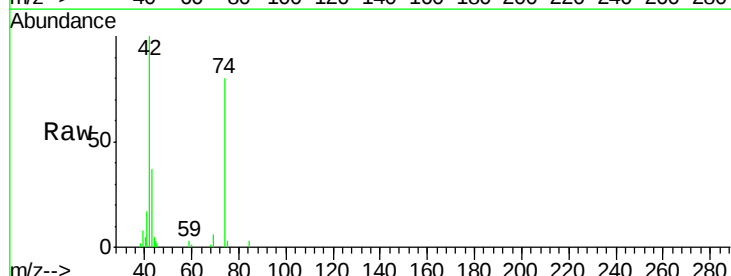
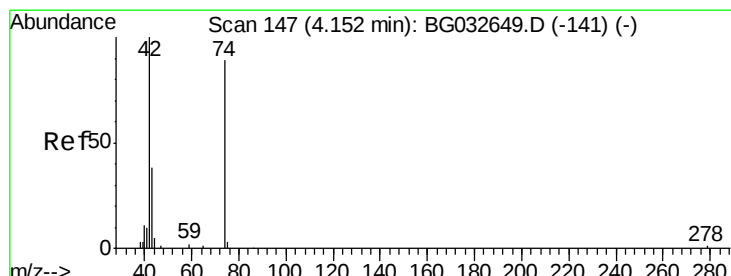
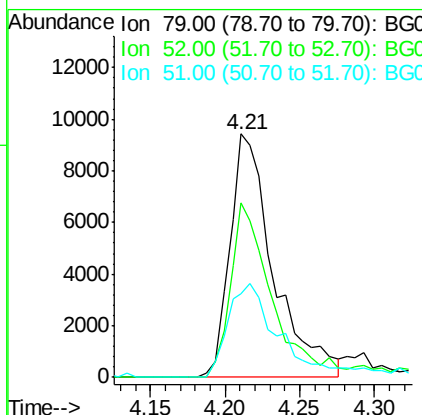
#3
 Pvridine
 Concen: 12.539 ng
 RT: 4.21 min Scan# 157
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tot Ion:	79	Resp:	19187
Ion	Ratio	Lower	Upper
79	100		
52	71.4	69.9	104.9
51	34.4	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

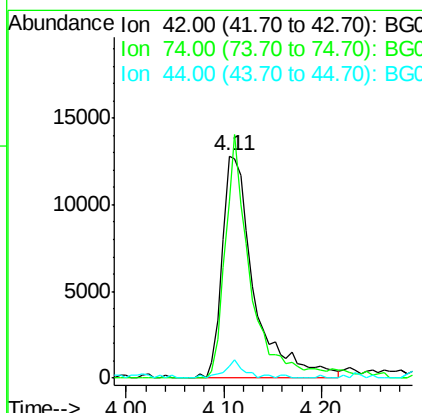
Manual Integrations
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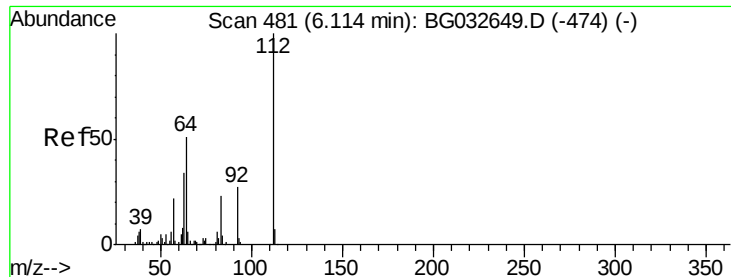
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#4
 n-Nitrosodimethylamine
 Concen: 40.539 ng
 RT: 4.11 min Scan# 139
 Delta R.T. -0.05 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion:	42	Resp:	29148
Ion	Ratio	Lower	Upper
42	100		
74	79.6	102.5	153.7#
44	5.3	18.9	28.3#





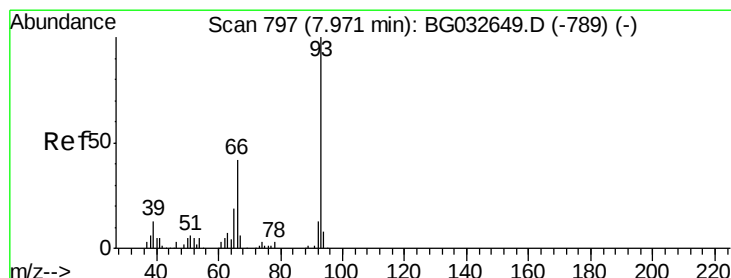
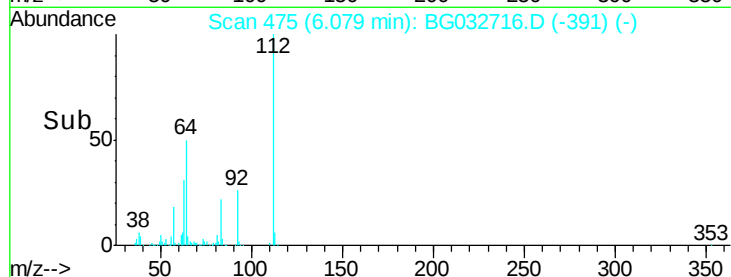
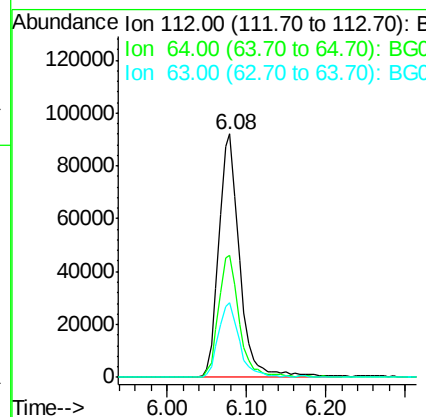
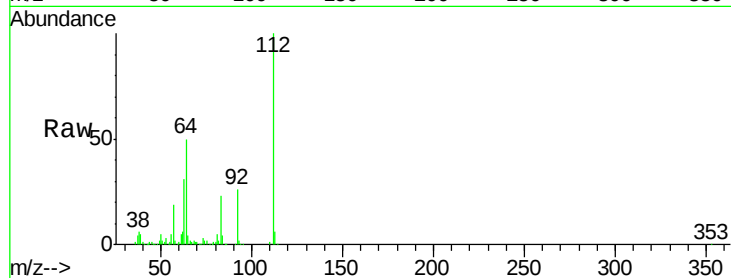
#5
2-Fluorophenol
Concen: 117.645 ng
RT: 6.08 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	50.2	56.3	84.5#
63	30.5	30.1	45.1

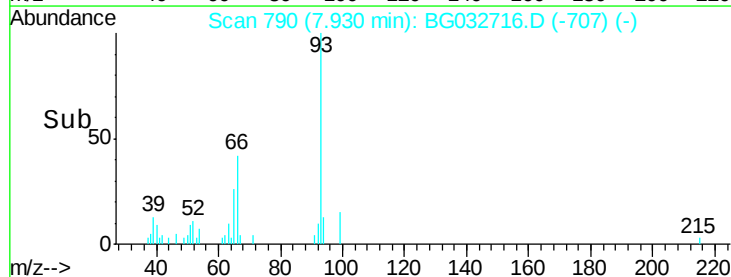
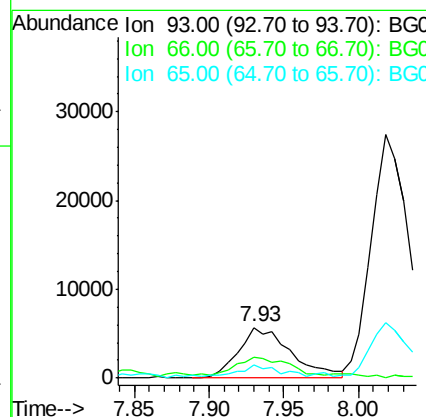
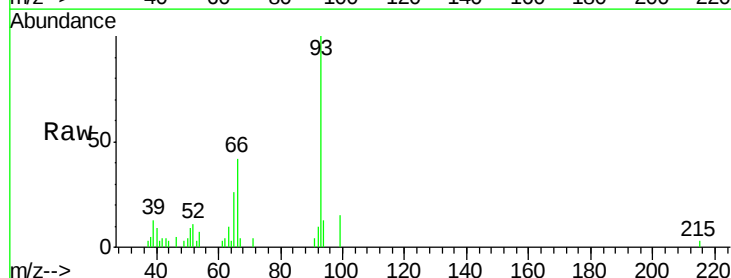
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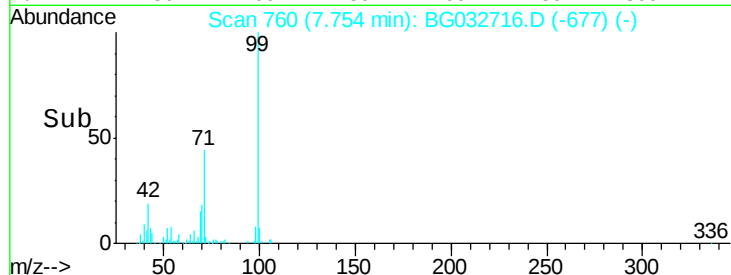
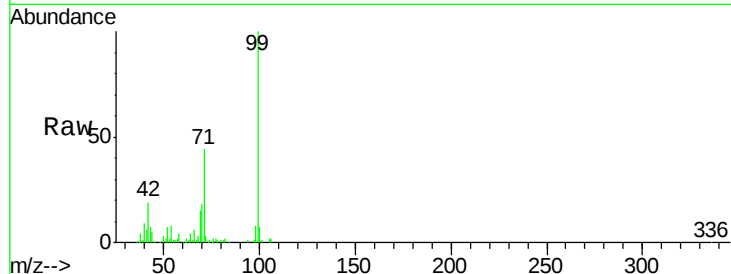
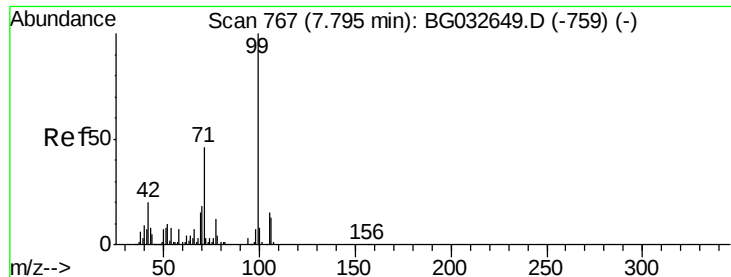
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#6
Aniline
Concen: 6.040 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.0	33.7	50.5
65	25.7	16.1	24.1#





#7

Phenol-d6

Concen: 95.490 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032716.D

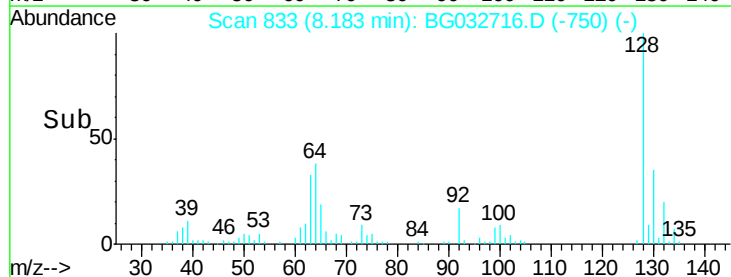
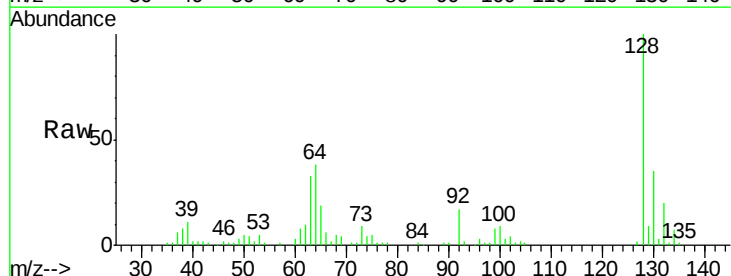
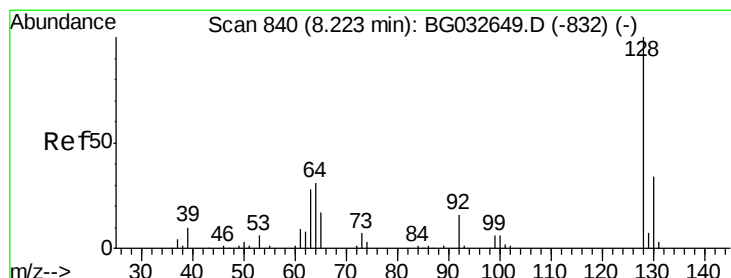
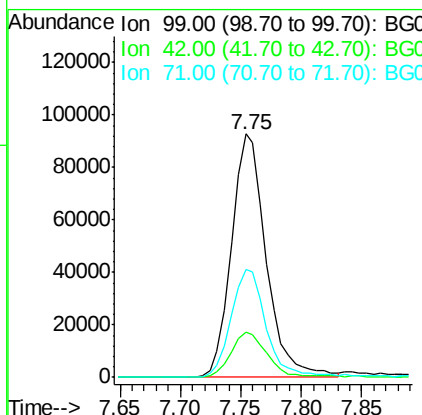
Acq: 15 Feb 2018 16:39

Tot Ion	Ratio	Resp	Lower	Upper
99	100	186205		
42	18.7		14.1	21.1
71	44.4		26.1	39.1

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#8

2-Chlorophenol

Concen: 42.749 ng

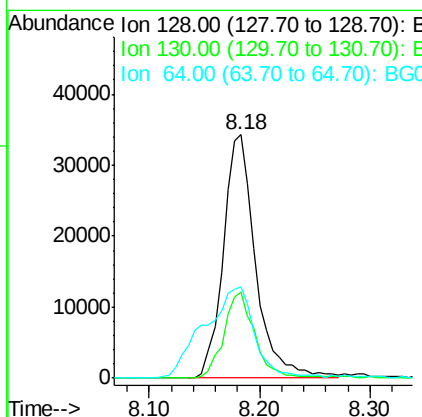
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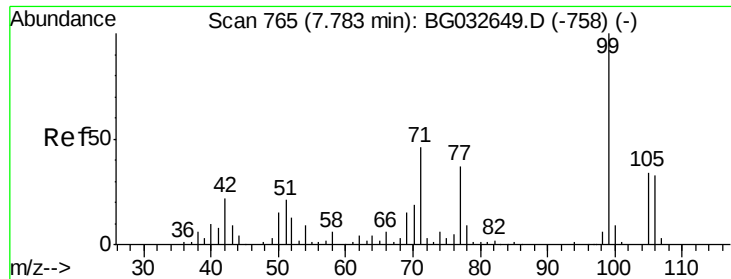
Delta R.T. -0.04 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	70103		
130	35.5		14.0	54.0
64	37.6		37.7	77.7





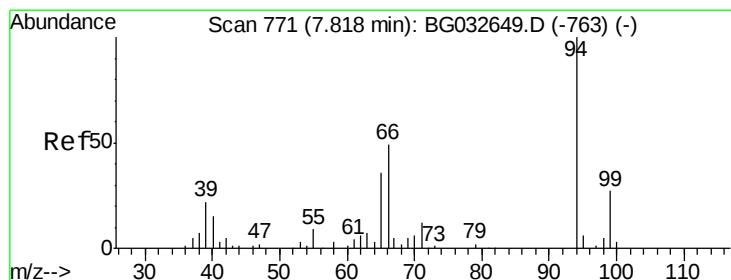
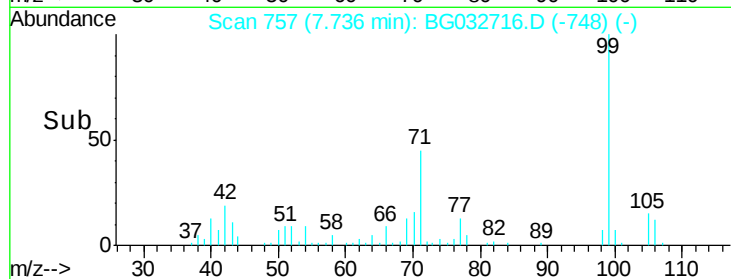
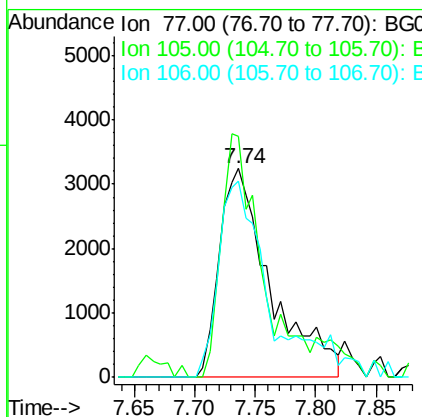
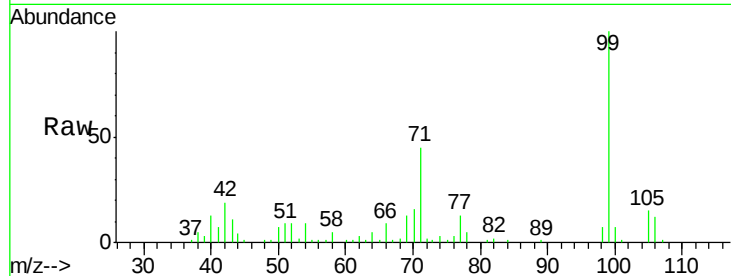
#9
Benzaldehyde
Concen: 8.283 ng
RT: 7.74 min Scan# 757
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	115.4	71.3	111.3#
106	94.0	64.2	104.2

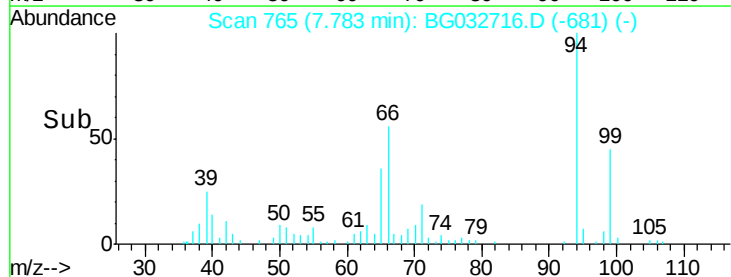
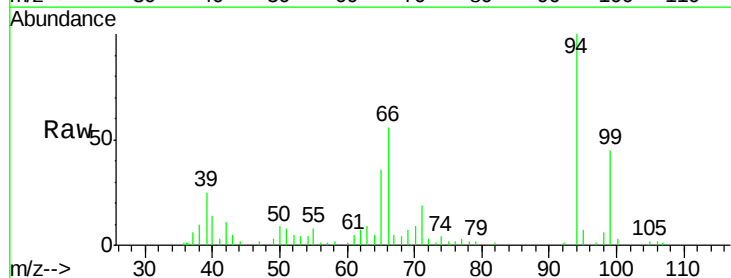
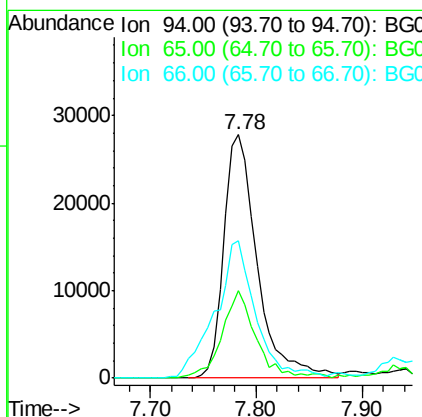
Manual Integrations
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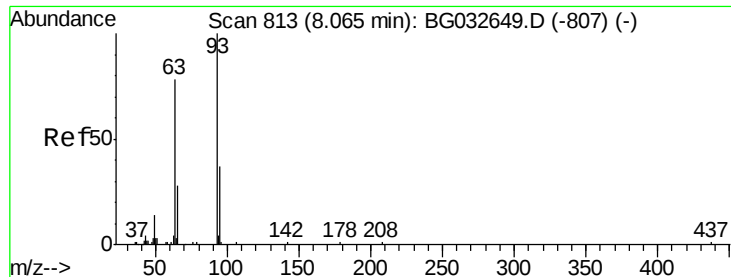
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#10
Phenol
Concen: 32.225 ng
RT: 7.78 min Scan# 765
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	11.9	51.9
66	56.3	22.2	62.2





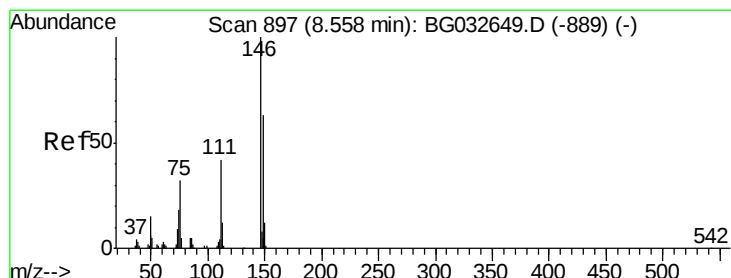
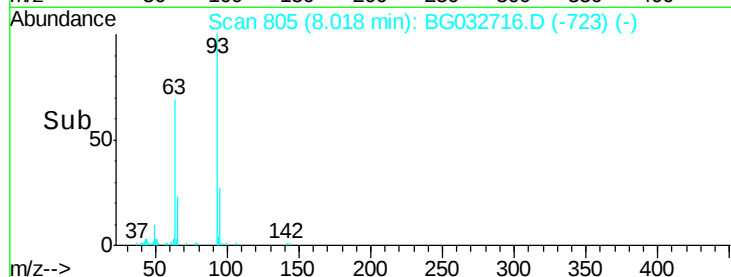
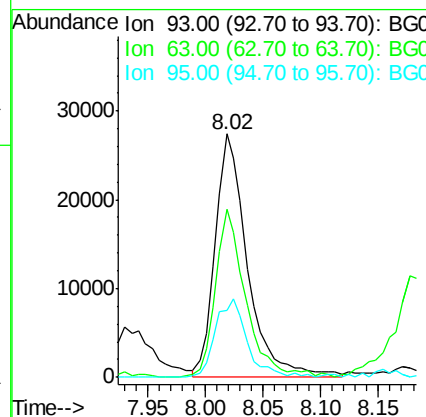
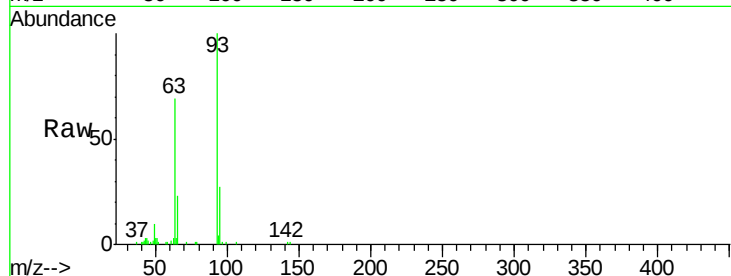
#11
bis(2-Chloroethyl)ether
Concen: 35.066 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	69.3	67.1	107.1	
95	27.4	11.5	51.5	

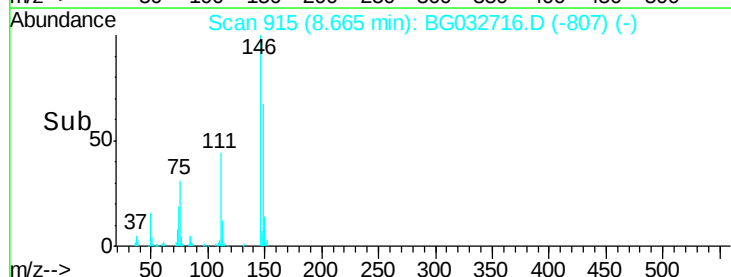
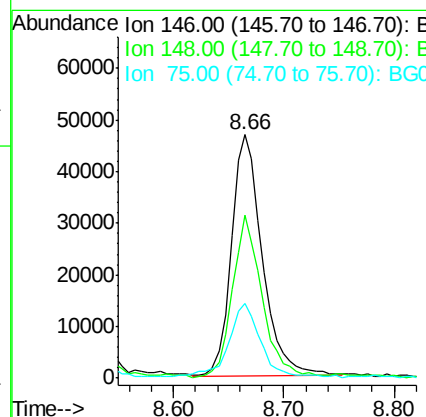
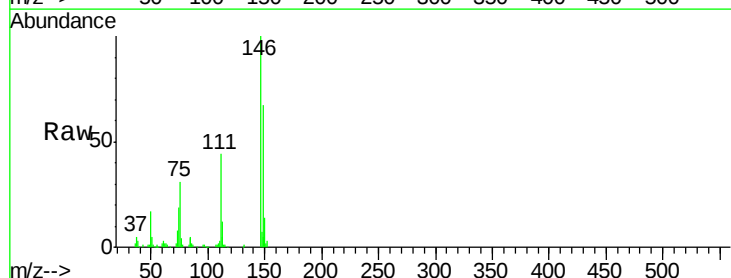
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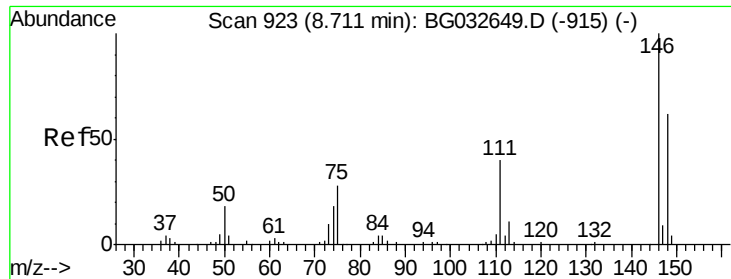
Sohil
2/16/2018 2:27:23 PM



#12
1,3-Dichlorobenzene
Concen: 39.506 ng
RT: 8.66 min Scan# 915
Delta R.T. 0.11 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.0	51.4	77.2	
75	30.6	26.6	39.8	





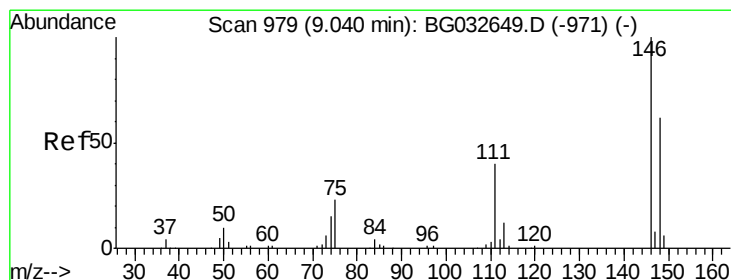
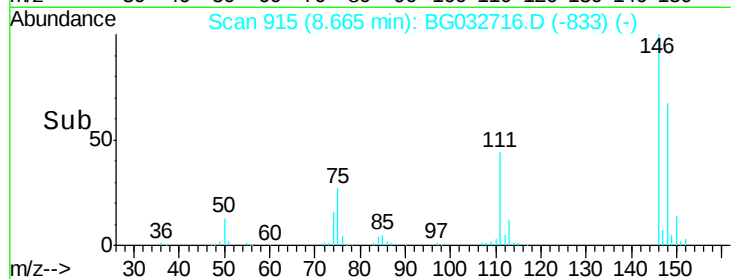
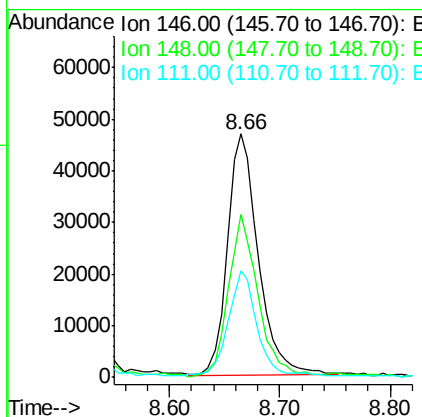
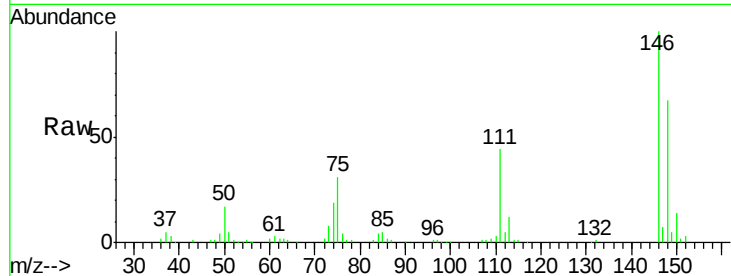
#13
 1,4-Dichlorobenzene
 Concen: 39.988 ng
 RT: 8.66 min Scan# 915
 Delta R.T. -0.05 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.7	80.5
111	43.7	35.2	52.8

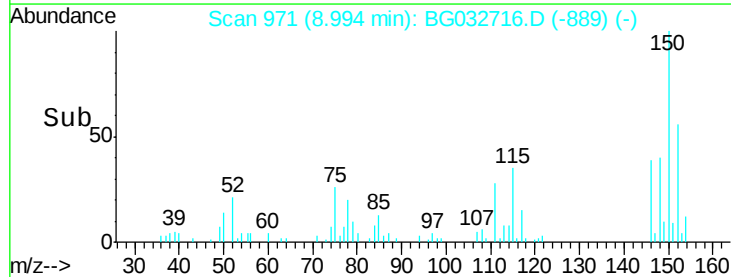
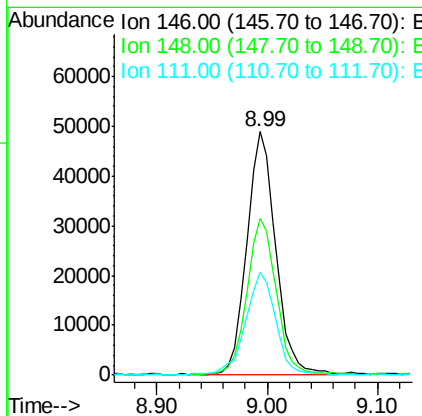
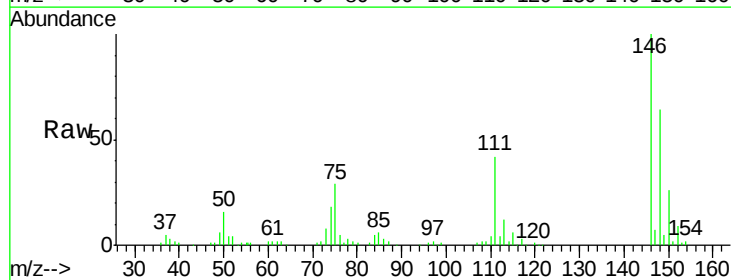
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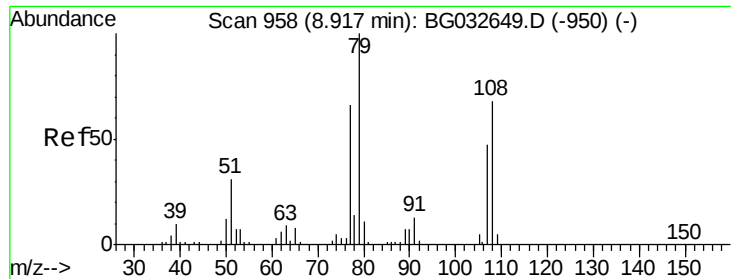
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.140 ng
 RT: 8.99 min Scan# 971
 Delta R.T. -0.05 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.3	73.9
111	42.2	34.3	51.5





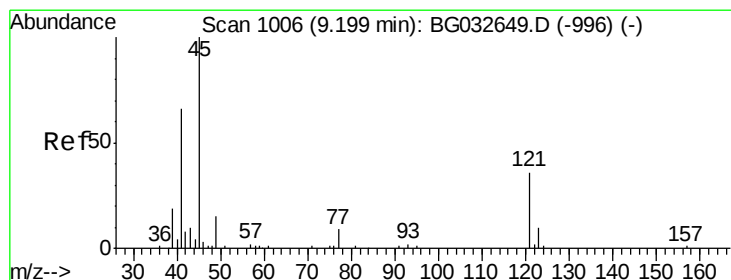
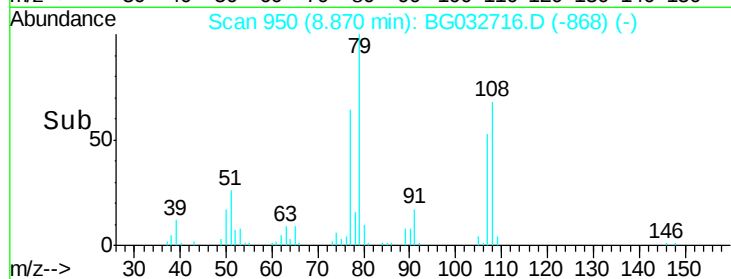
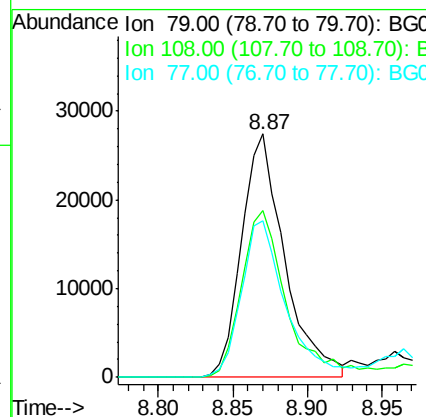
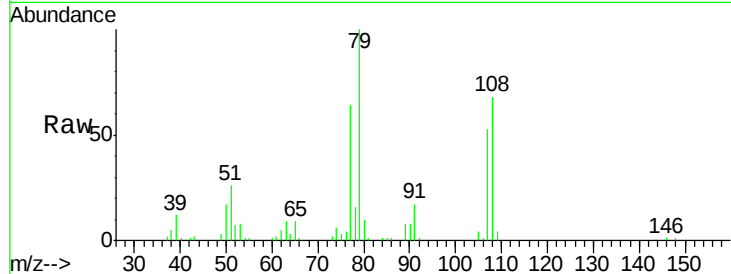
#15
Benzyl Alcohol
Concen: 37.595 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.3	57.2	85.8
77	64.1	46.1	69.1

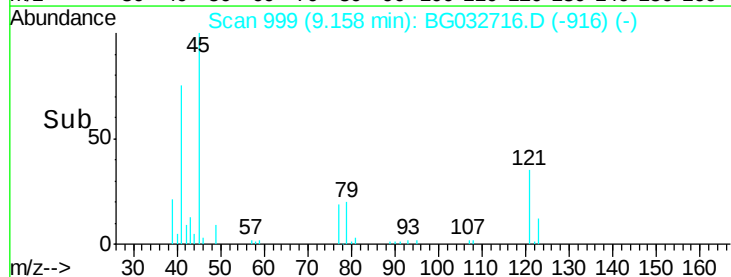
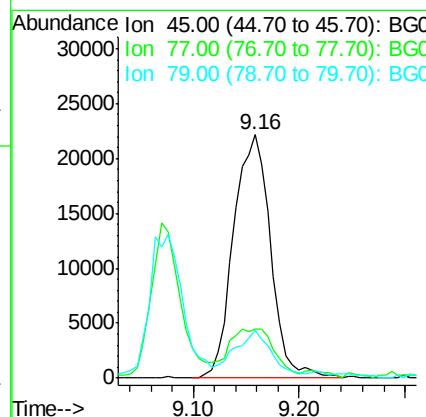
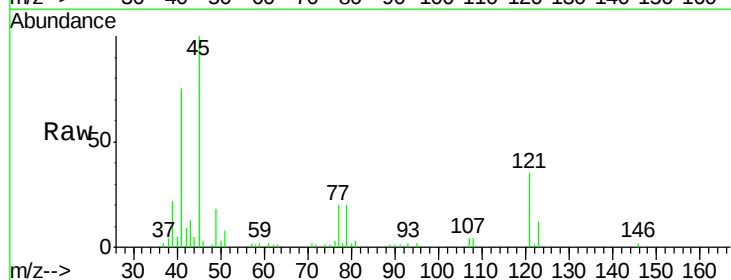
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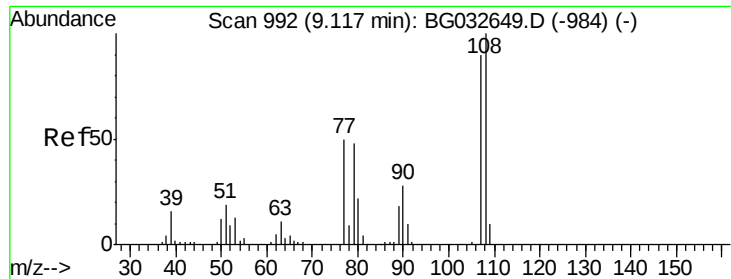
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.780 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.0	30.2
79	19.6	0.0	27.9





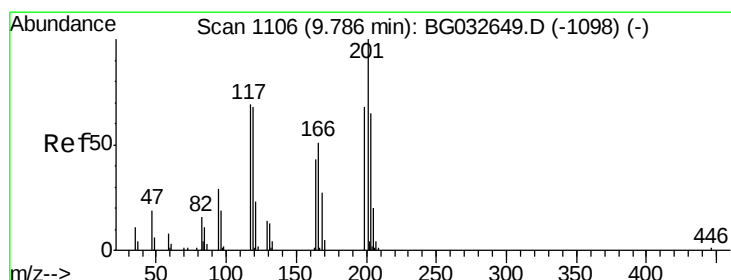
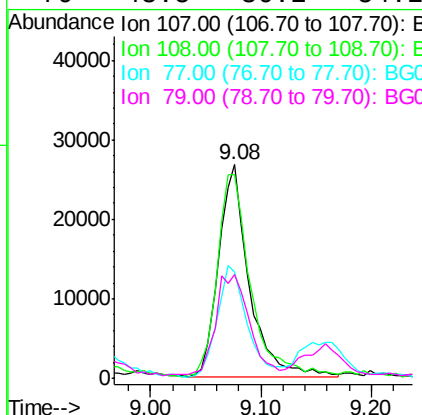
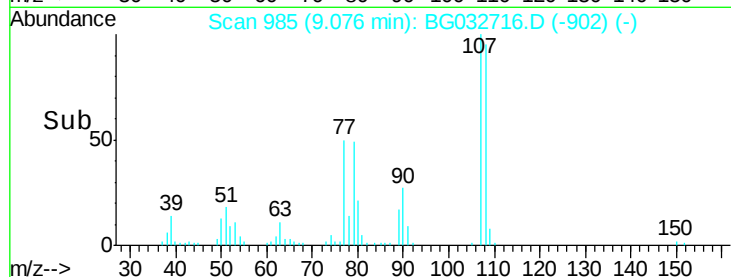
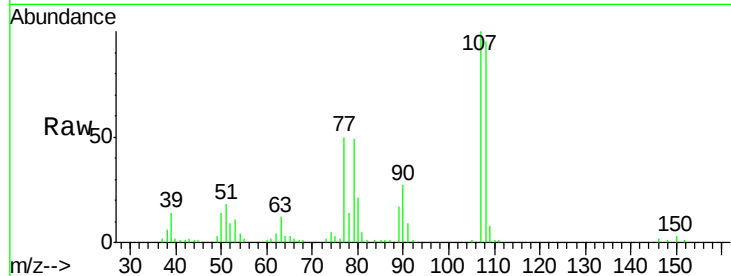
#17
2-Methylphenol
Concen: 38.348 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion:	107	Resp:	51506
Ion Ratio	Lower	Upper	
107	100		
108	95.4	83.9	125.9
77	49.8	37.2	55.8
79	48.5	36.2	54.2

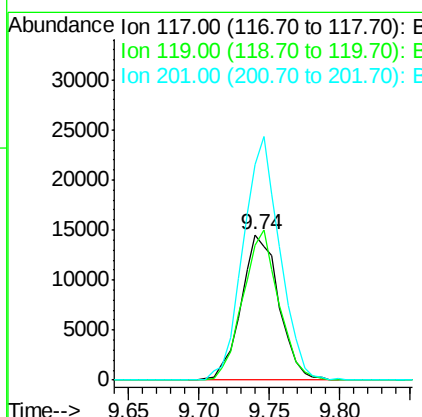
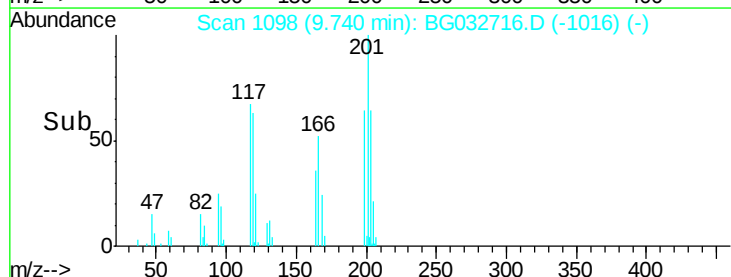
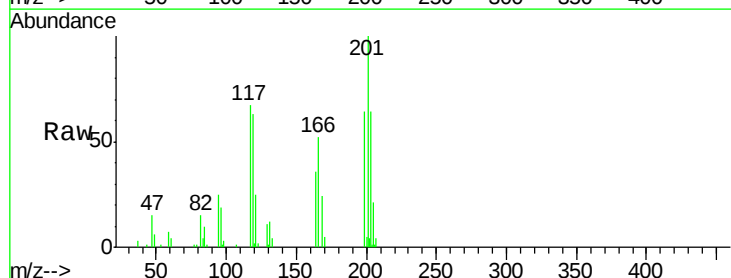
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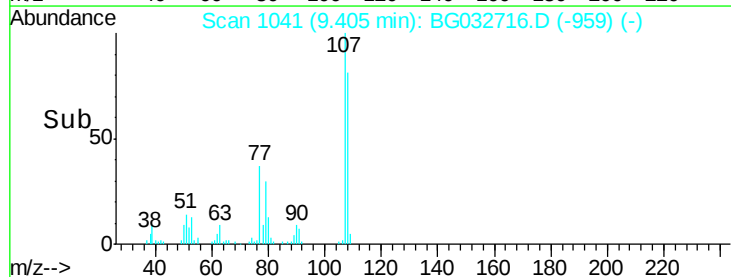
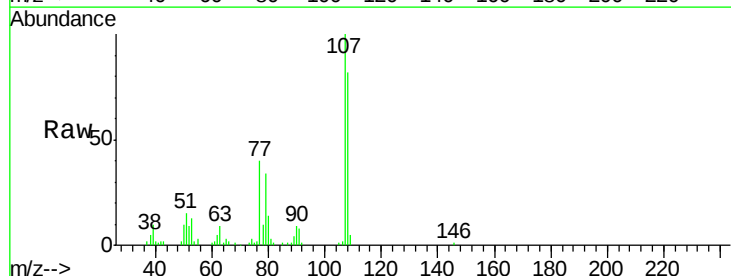
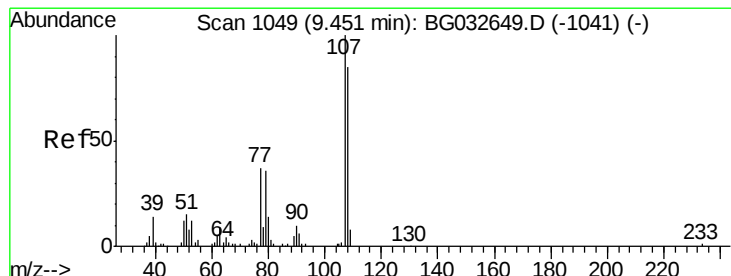
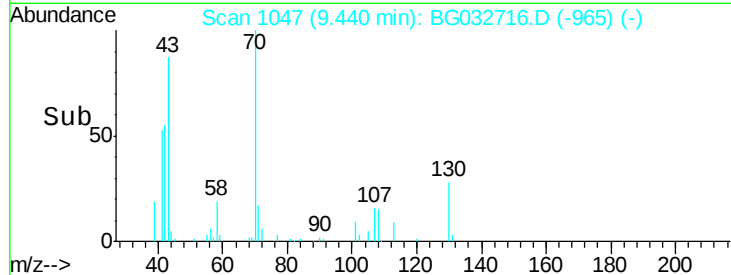
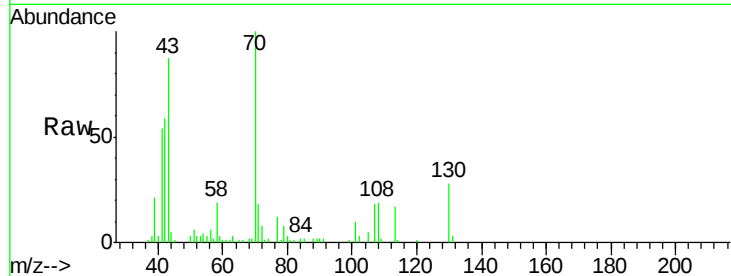
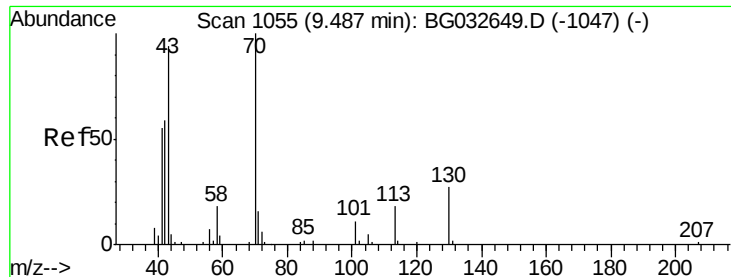
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#18
Hexachloroethane
Concen: 32.653 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion:	117	Resp:	27243
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.7	115.1
201	148.2	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 36.947 ng

RT: 9.44 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

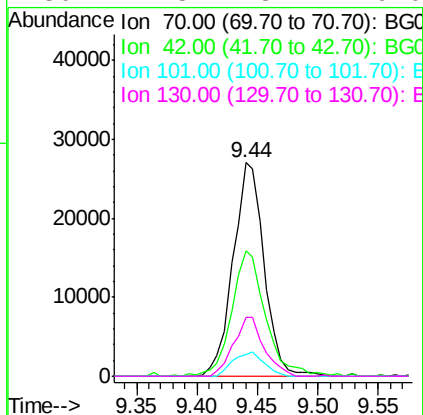
ClientSampleId :

HR-06-021418-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	49.1	73.7	
101	10.0	8.5	12.7	
130	27.8	13.4	20.0	

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#20

3+4-Methylphenols

Concen: 35.445 ng

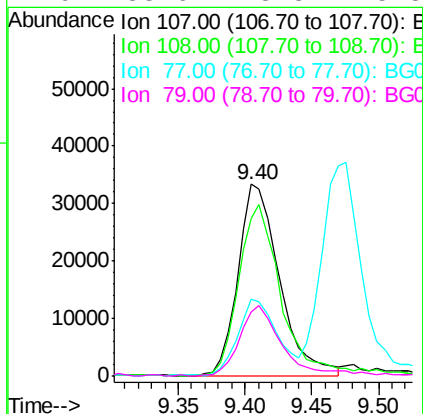
RT: 9.40 min Scan# 1041

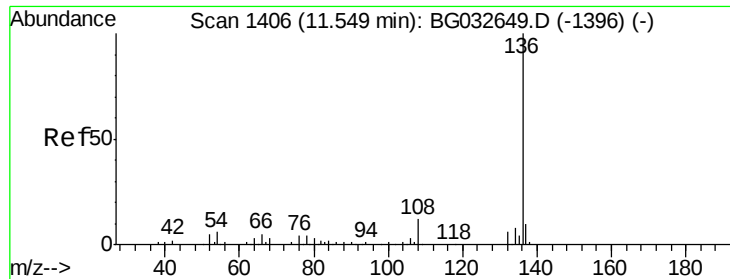
Delta R.T. -0.05 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.1	61.6	101.6	
77	39.8	13.9	53.9	
79	33.6	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

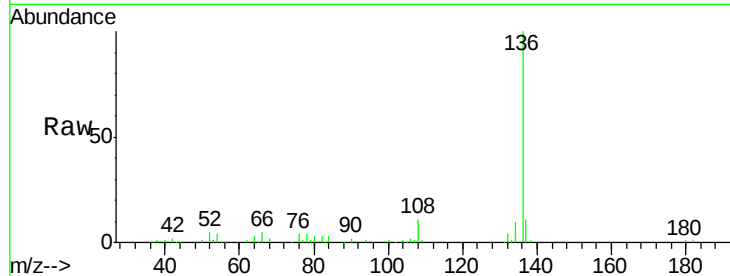
ClientSampleId :

HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	4.3	10.3	15.5	
68	2.1	4.5	6.7	

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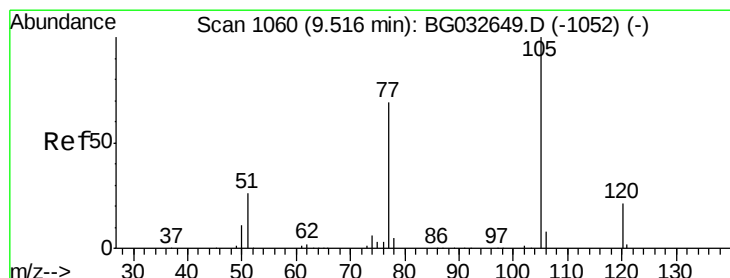
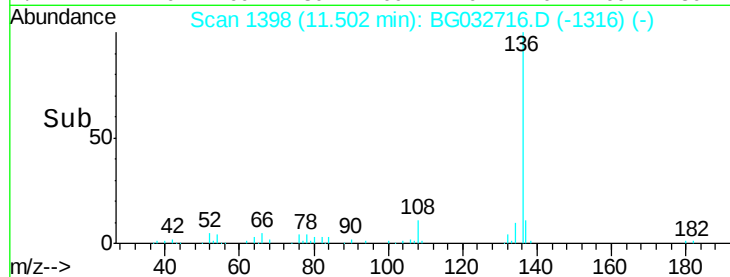
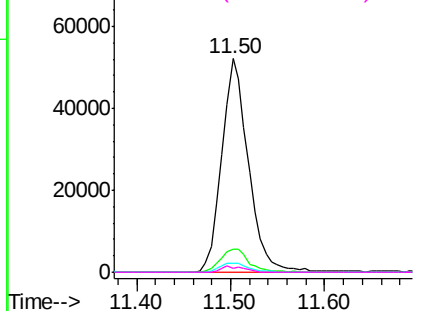


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.881 ng

RT: 9.47 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

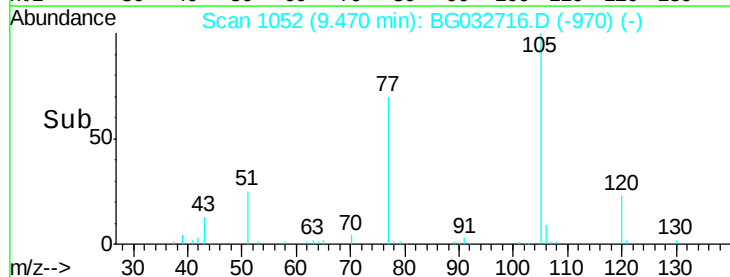
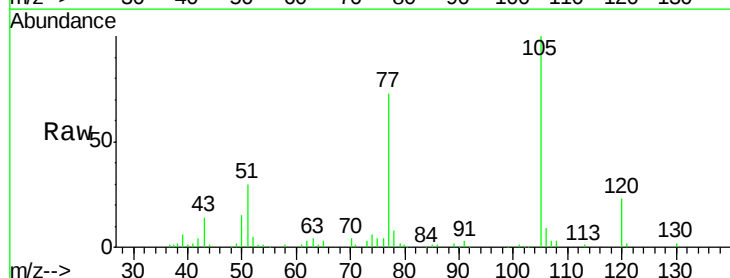
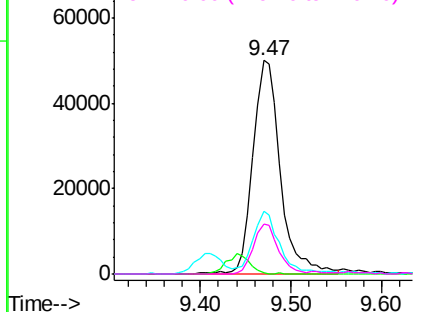
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	3.0	4.4	
51	29.5	26.1	39.1	
120	23.4	17.4	26.2	

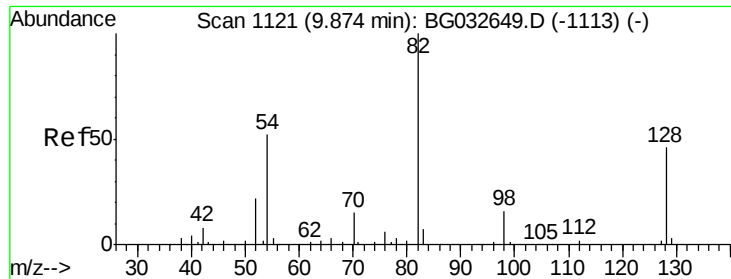
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





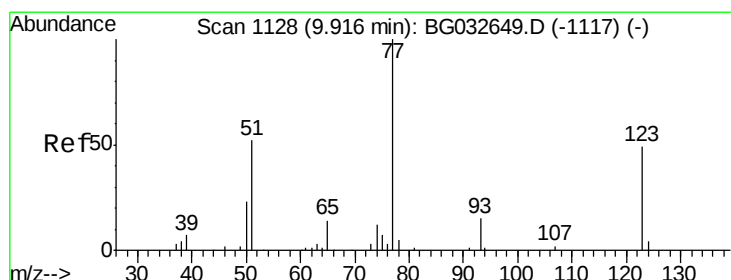
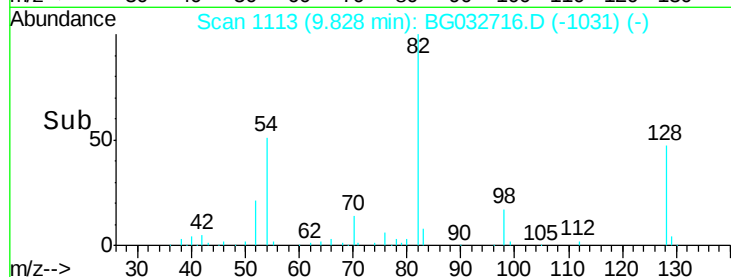
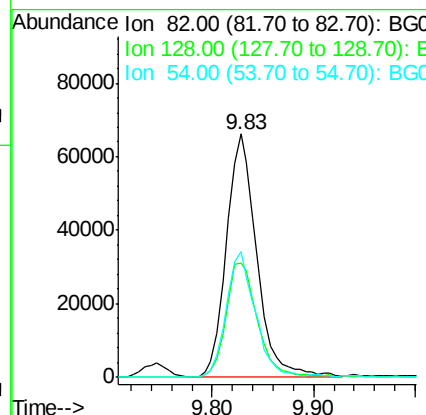
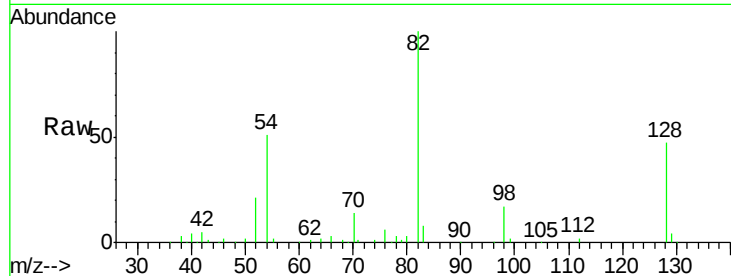
#23
 Nitrobenzene-d5
 Concen: 83.714 ng
 RT: 9.83 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.8	29.7	44.5#	
54	51.5	43.1	64.7	

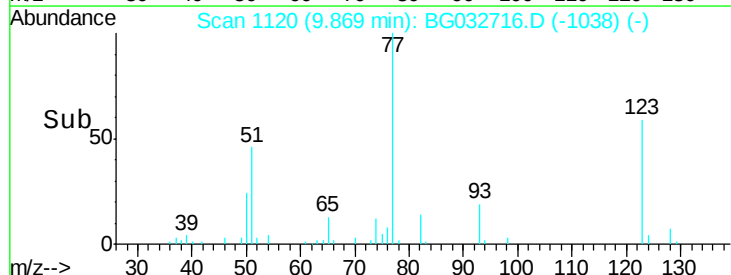
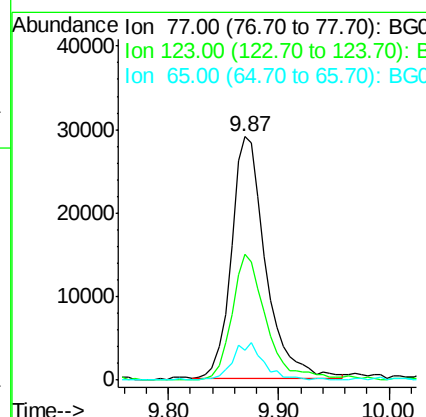
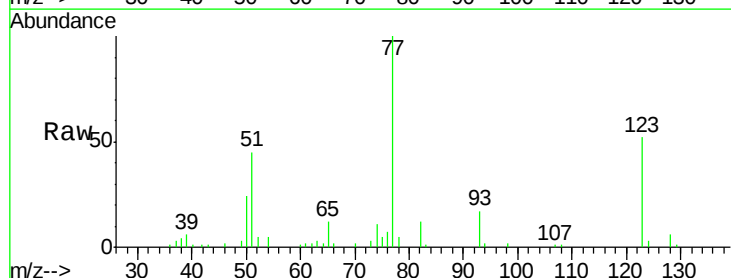
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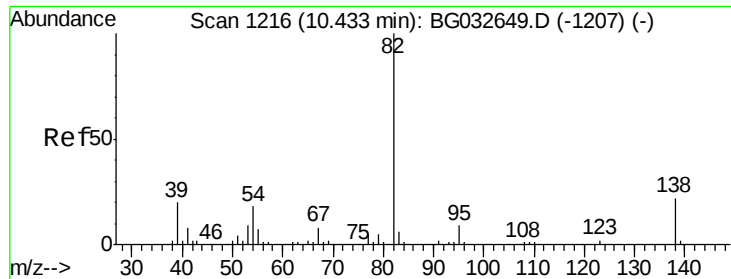
Sohil
 2/16/2018 2:27:23 PM



#24
 Nitrobenzene
 Concen: 36.715 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.05 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.7	33.0	49.6#	
65	12.4	13.0	19.6#	





#25

Isophorone

Concen: 39.134 ng

RT: 10.39 min Scan# 1209

Delta R.T. -0.04 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

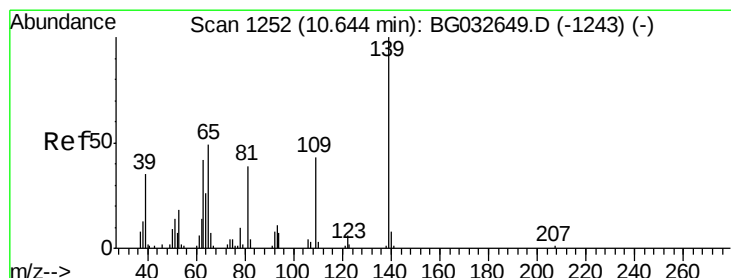
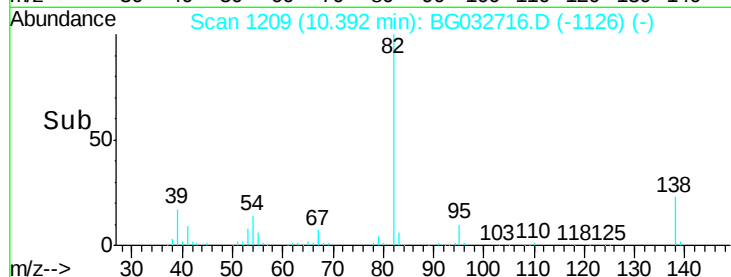
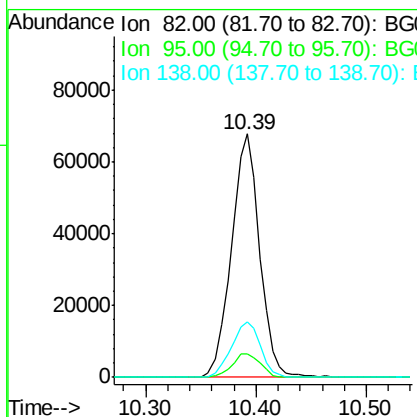
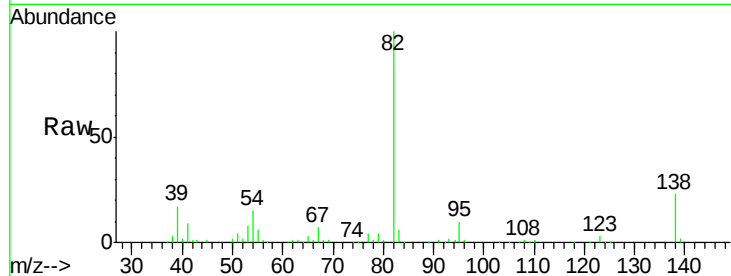
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	82	Resp:	121159
Ion Ratio		Lower	Upper
82	100		
95	9.8	6.2	9.2#
138	22.7	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.544 ng

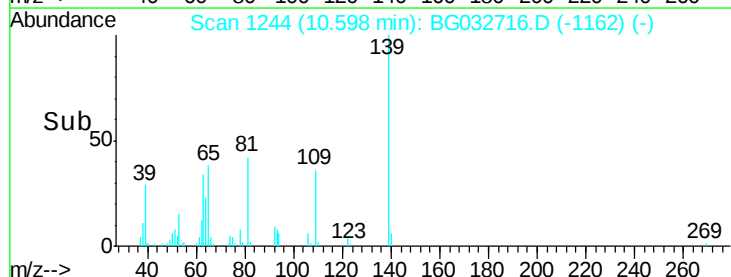
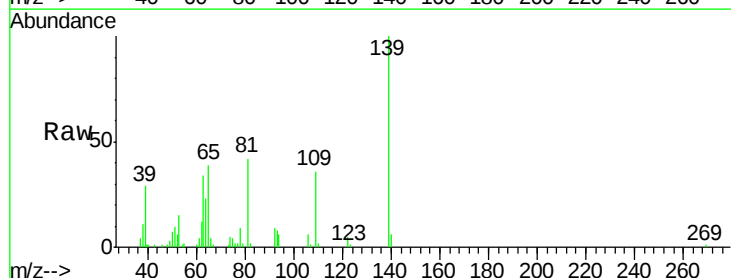
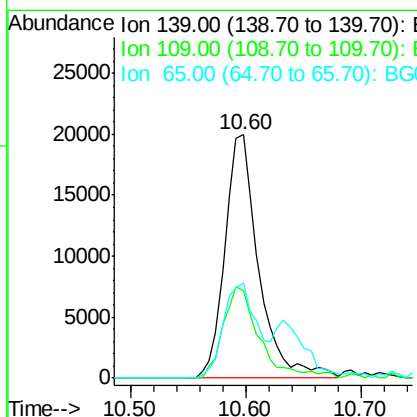
RT: 10.60 min Scan# 1244

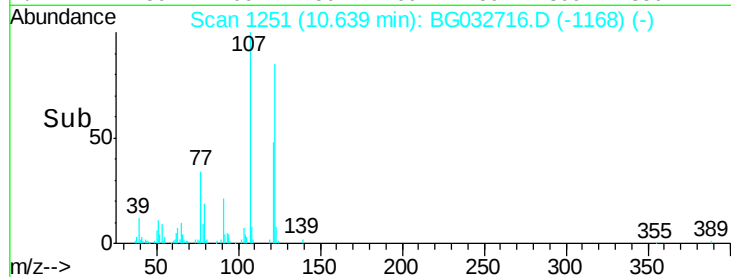
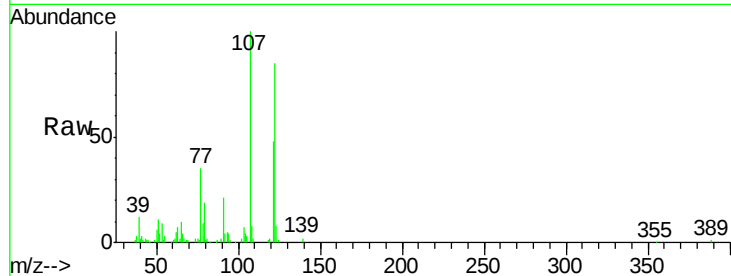
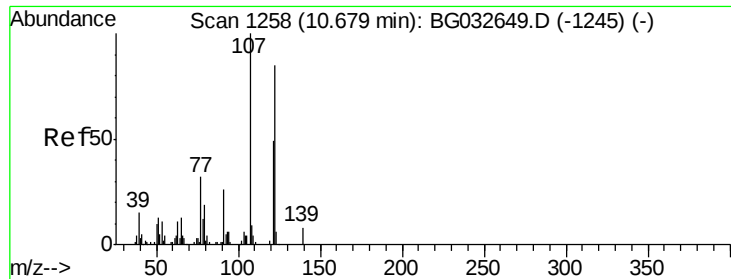
Delta R.T. -0.05 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	139	Resp:	40506
Ion Ratio		Lower	Upper
139	100		
109	35.9	24.2	36.2
65	39.2	47.4	71.0#





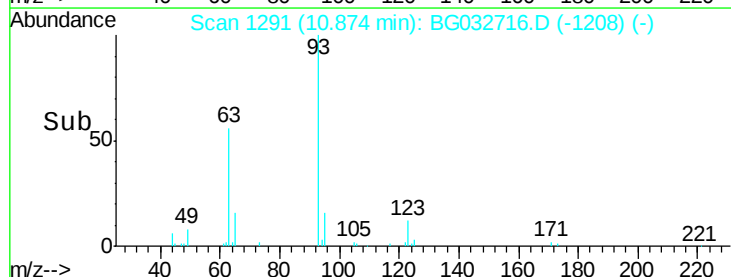
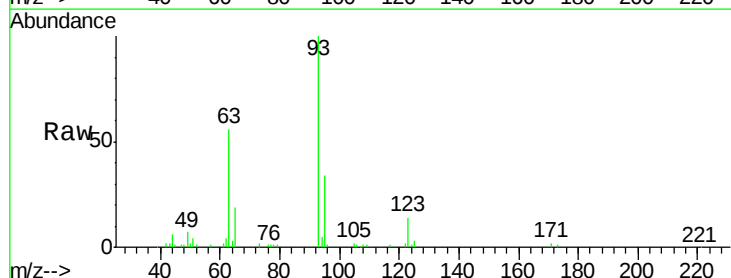
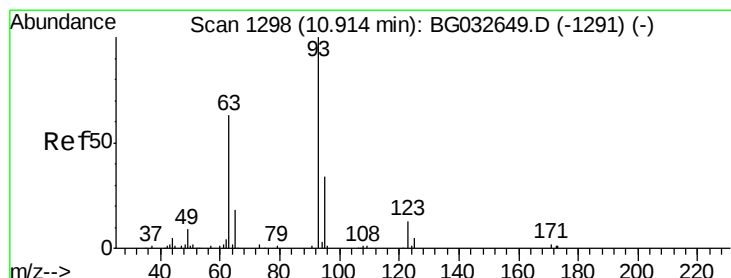
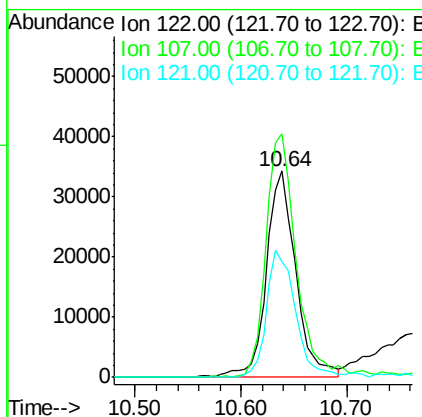
#27
2,4-Dimethylphenol
Concen: 55.455 ng
RT: 10.64 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	100.2	150.2
121	56.4	44.4	66.6

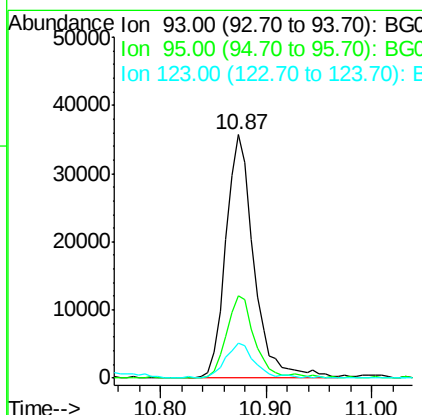
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#28
bis(2-Chloroethoxy)methane
Concen: 41.555 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.3	36.5
123	14.4	8.4	12.6





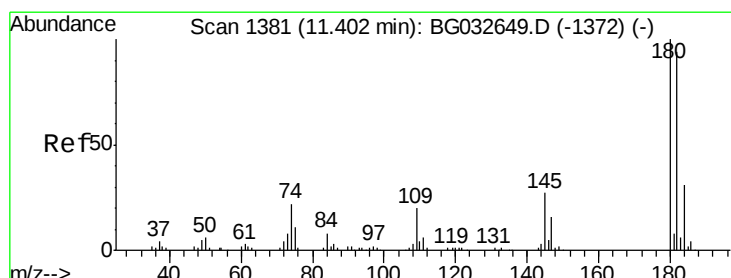
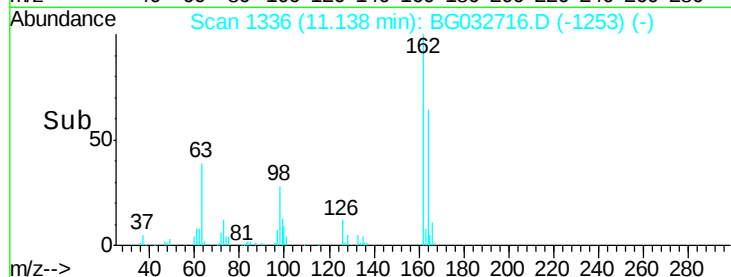
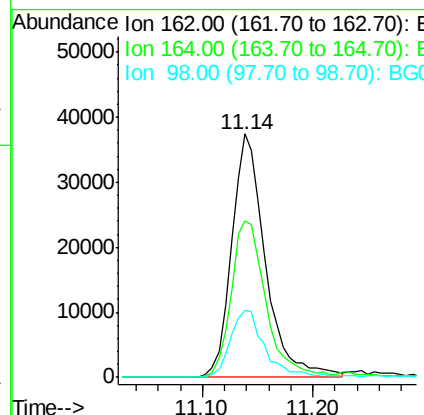
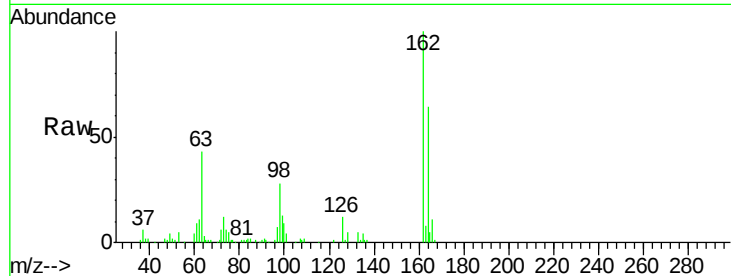
#29
2,4-Dichlorophenol
Concen: 45.747 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	79993		
164	64.2	48.0	88.0	
98	27.7	21.1	61.1	

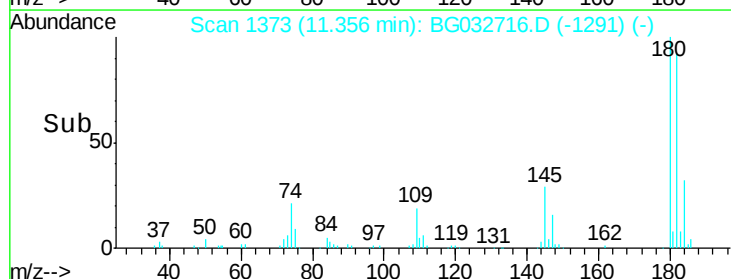
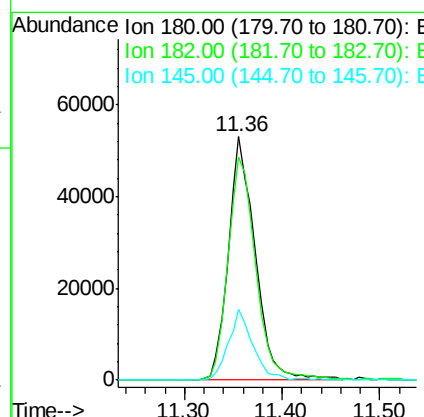
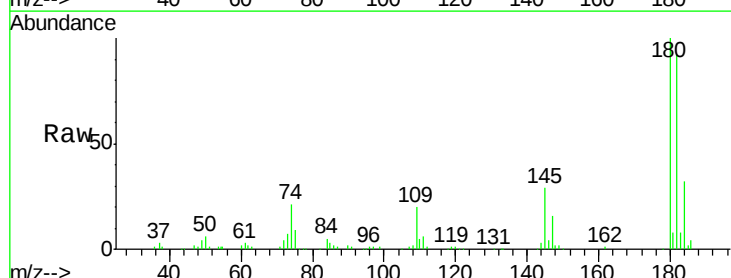
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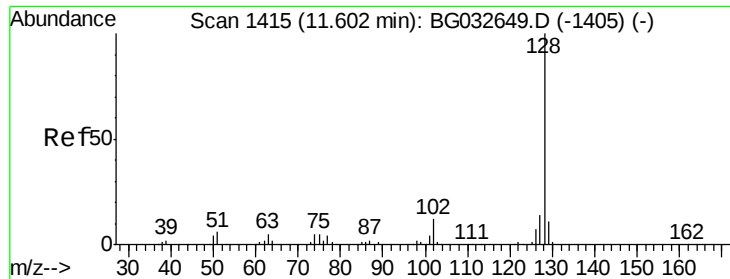
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#30
1,2,4-Trichlorobenzene
Concen: 41.314 ng
RT: 11.36 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101277		
182	91.8	77.5	116.3	
145	29.1	23.4	35.2	





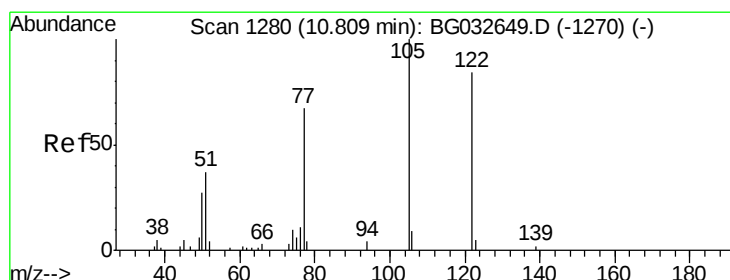
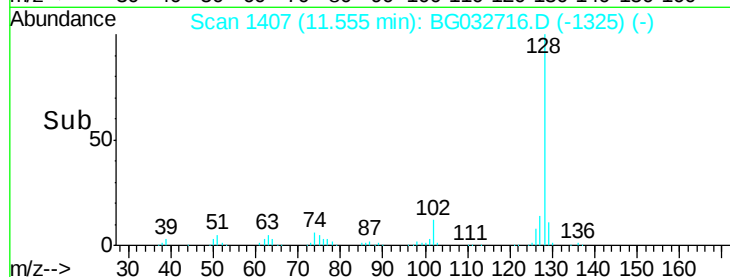
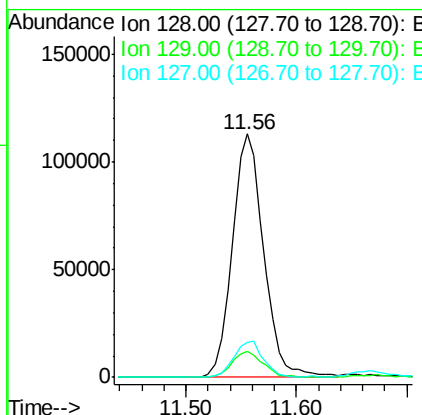
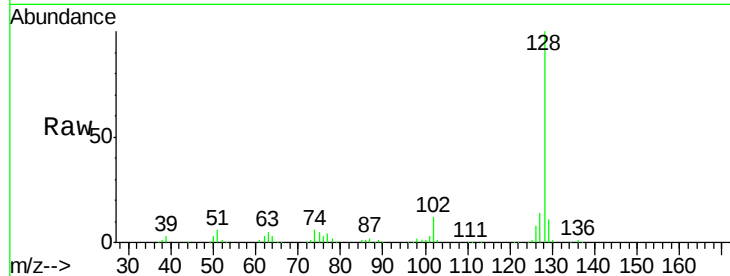
#31
Naphthalene
Concen: 44.934 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.05 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	225175		
129	10.6		8.6	12.8
127	14.4		11.6	17.4

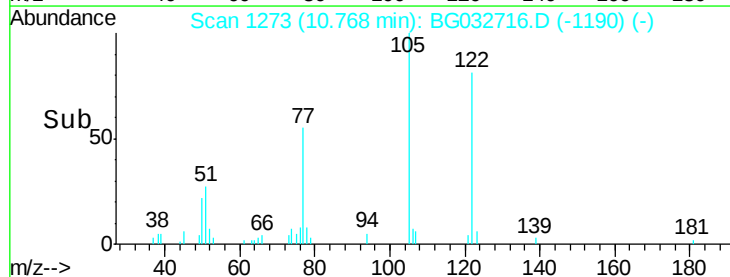
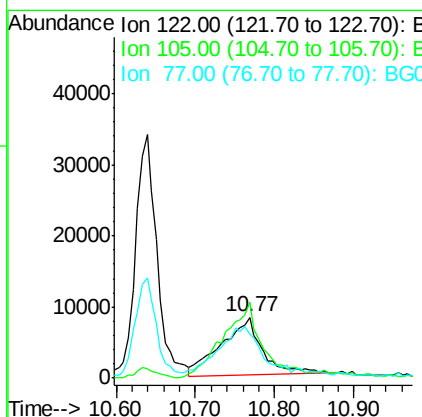
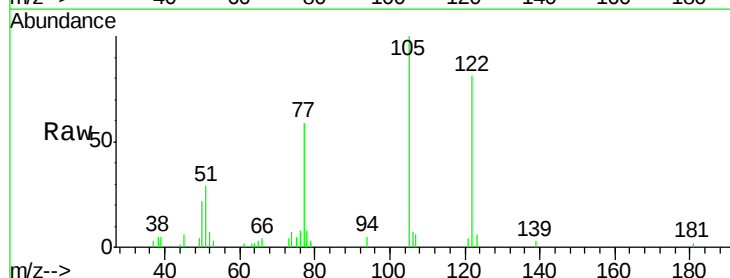
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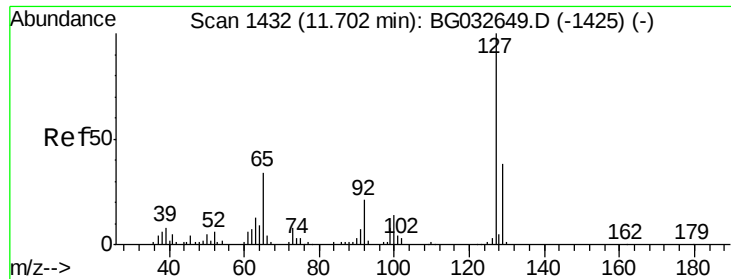
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#32
Benzoic acid
Concen: 31.600 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	28675		
105	123.6		123.5	163.5
77	72.3		85.7	125.7#





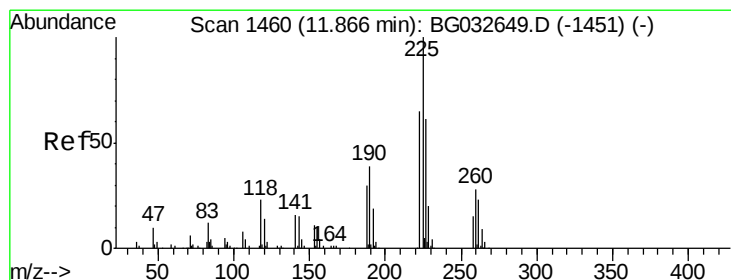
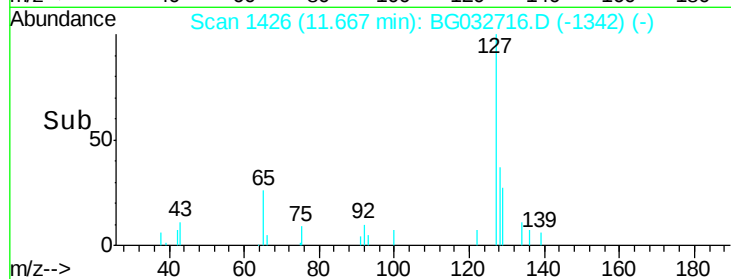
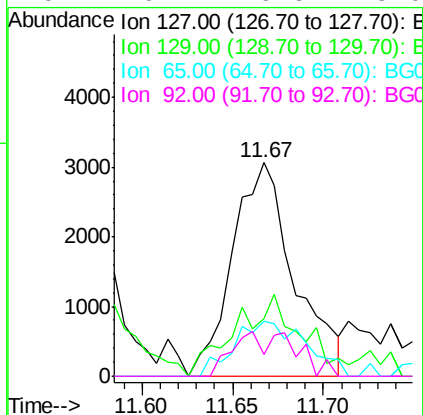
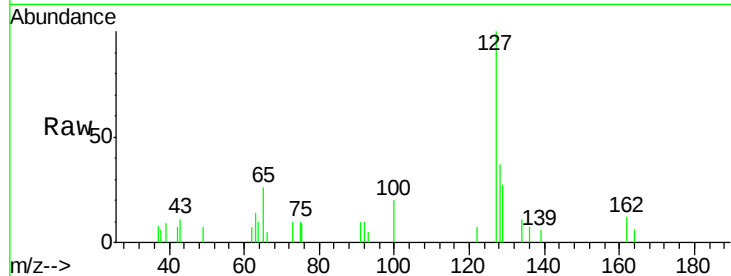
#33
4-Chloroaniline
Concen: 3.658 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.1	24.0	36.0
65	25.7	27.0	40.4#
92	10.4	16.6	25.0#

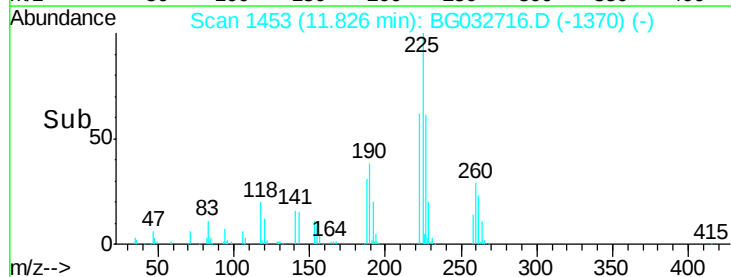
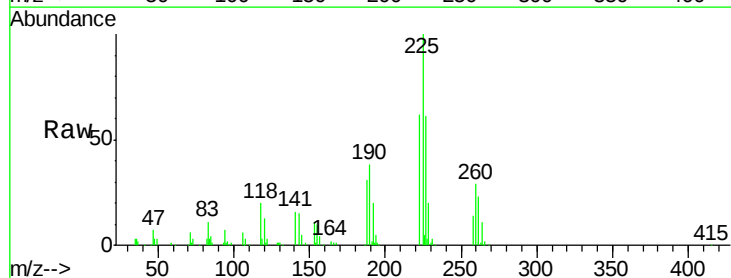
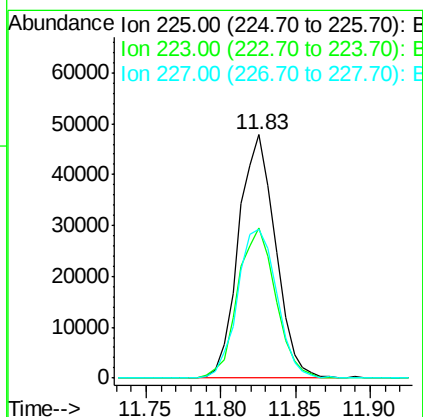
Manual Integrations
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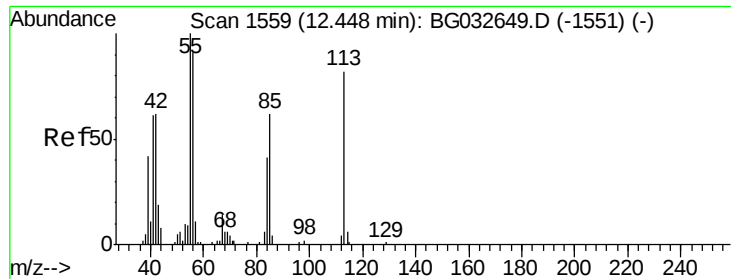
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#34
Hexachlorobutadiene
Concen: 40.752 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	60.9	48.1	72.1





#35

Caprolactam

Concen: 35.937 ng

RT: 12.42 min Scan# 1554

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

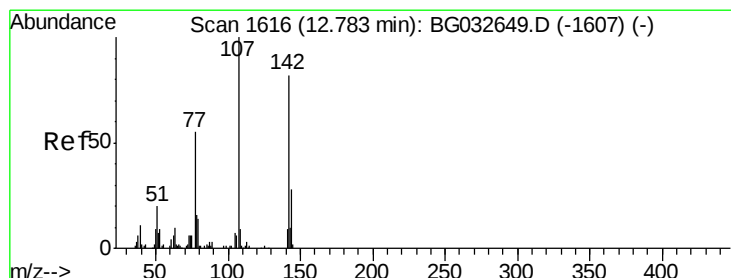
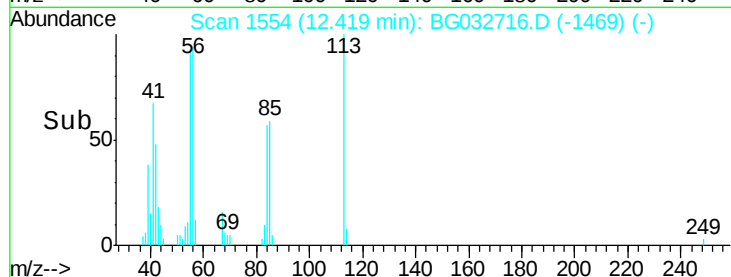
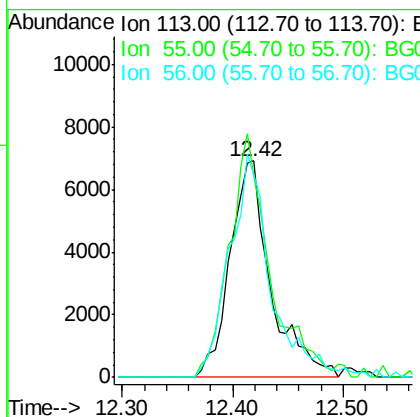
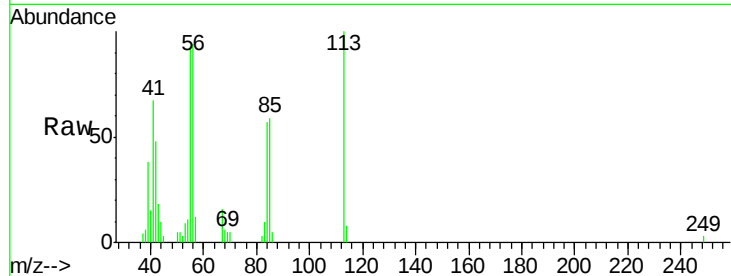
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	113	Resp:	17845
Ion Ratio	Lower	Upper	
113	100		
55	93.1	186.9	226.9#
56	93.5	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 53.827 ng

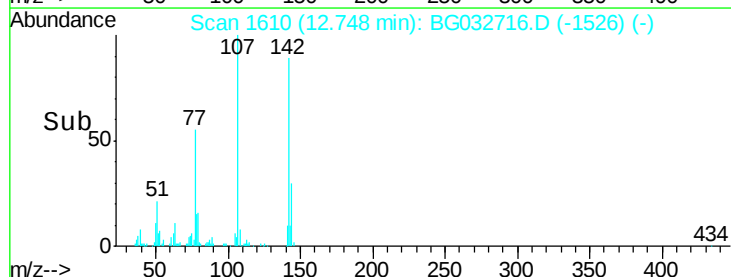
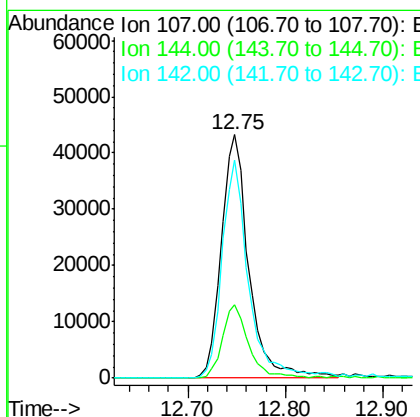
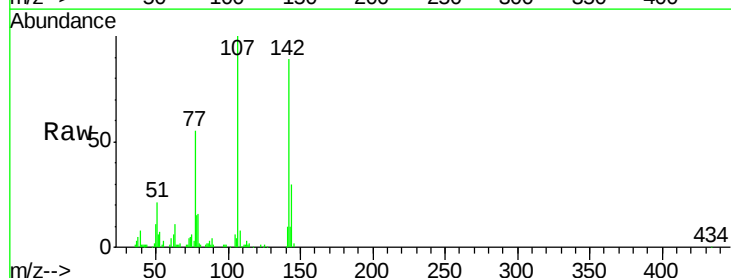
RT: 12.75 min Scan# 1610

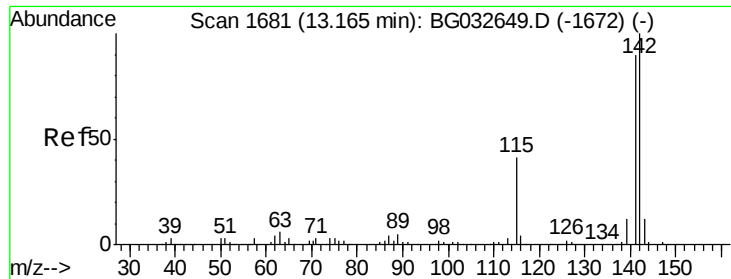
Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	107	Resp:	84661
Ion Ratio	Lower	Upper	
107	100		
144	30.1	18.2	27.4#
142	89.5	59.0	88.4#





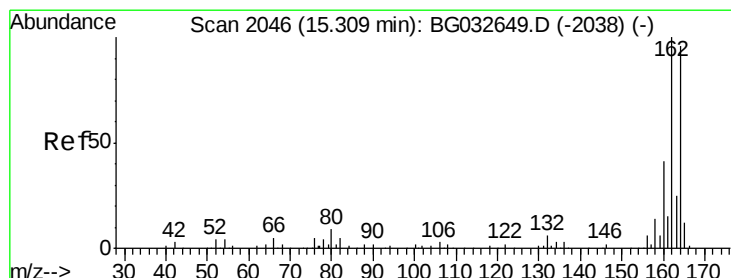
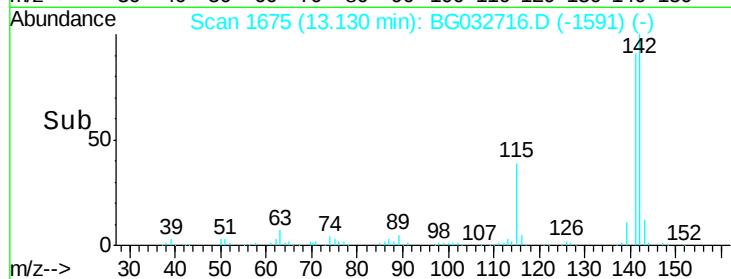
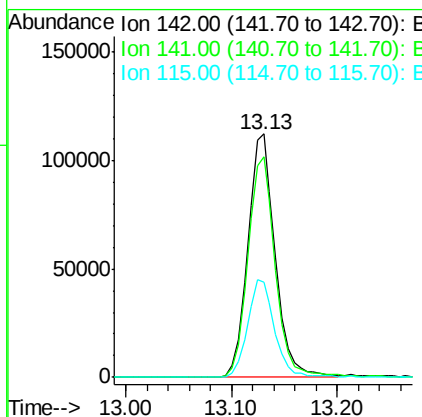
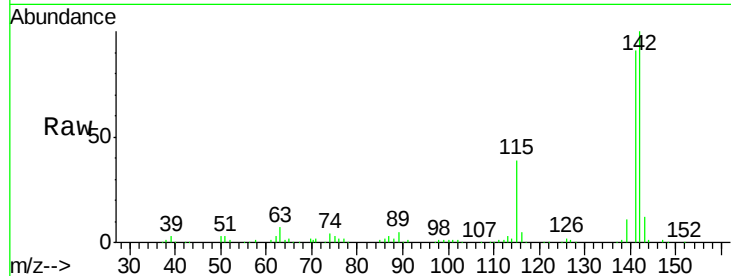
#37
 2-Methylnaphthalene
 Concen: 49.639 ng
 RT: 13.13 min Scan# 1675
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	38.9	30.7	46.1

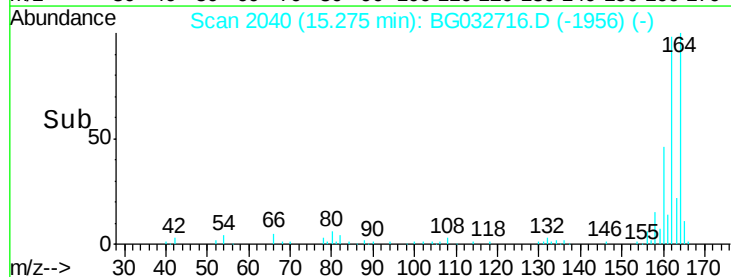
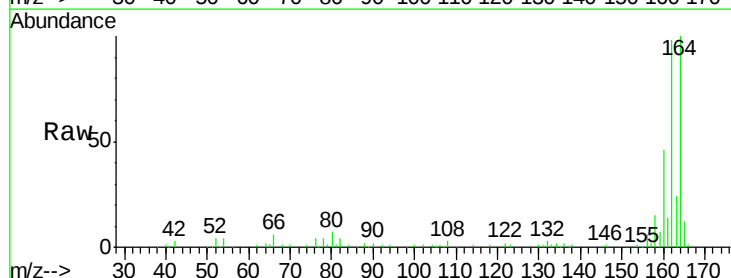
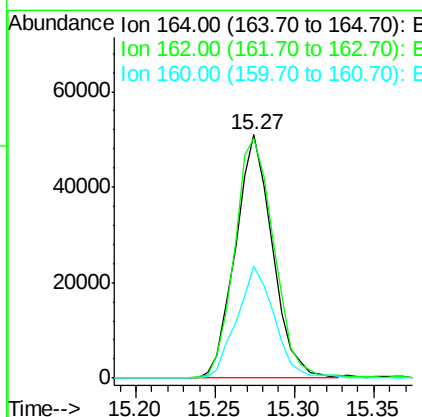
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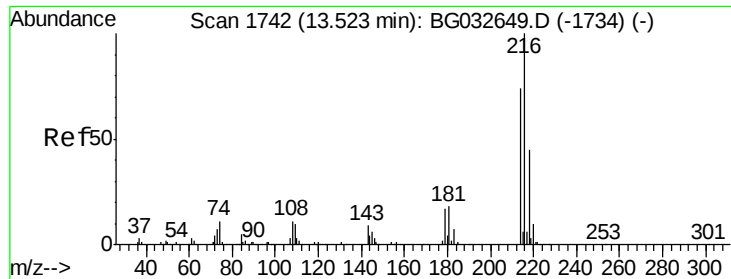
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	46.1	35.4	53.0





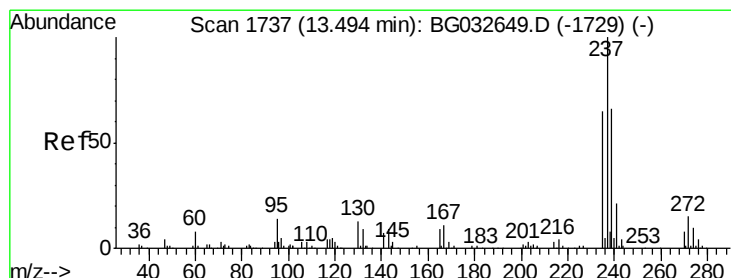
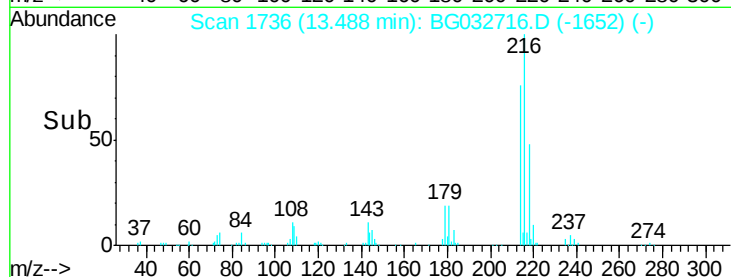
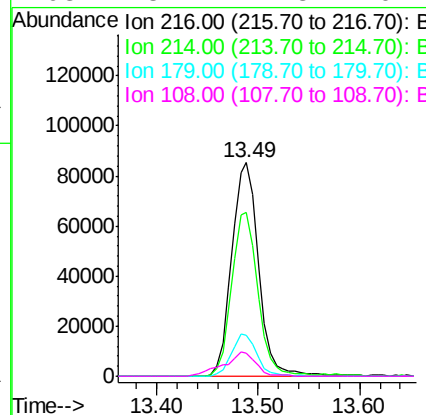
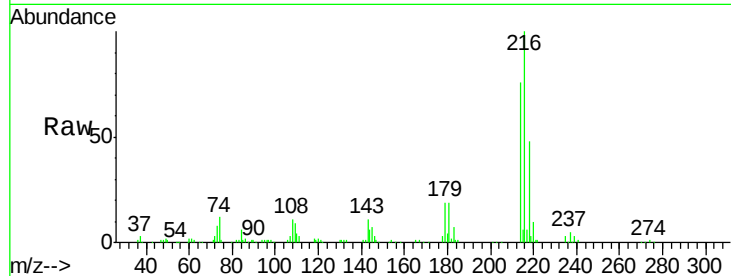
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.083 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	75.3		63.0	94.4	
179	18.6		17.0	25.6	
108	13.4		12.8	19.2	

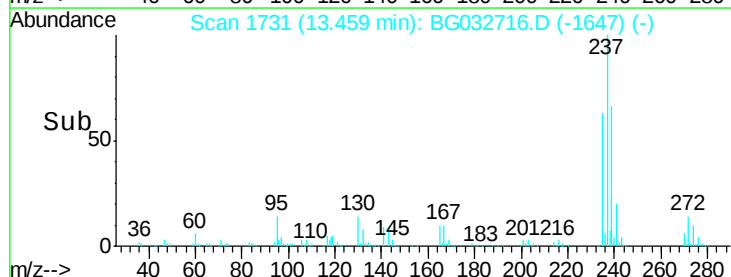
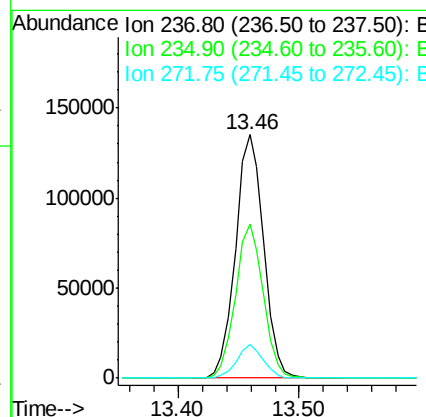
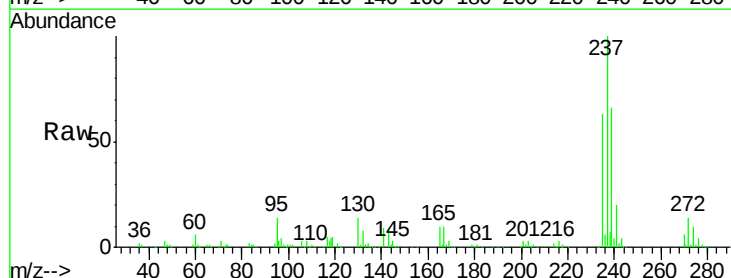
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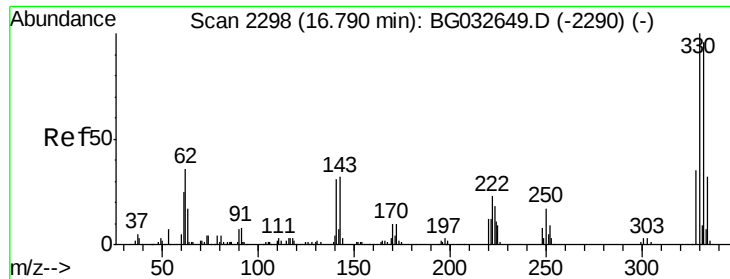
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#40
 Hexachlorocyclopentadiene
 Concen: 88.622 ng
 RT: 13.46 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1		50.4	90.4	
272	13.8		0.0	31.8	





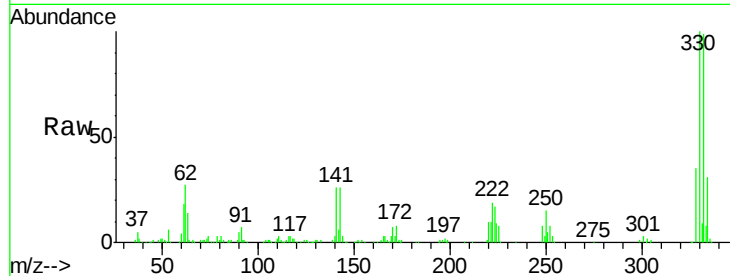
#41
 2,4,6-Tribromophenol
 Concen: 175.394 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

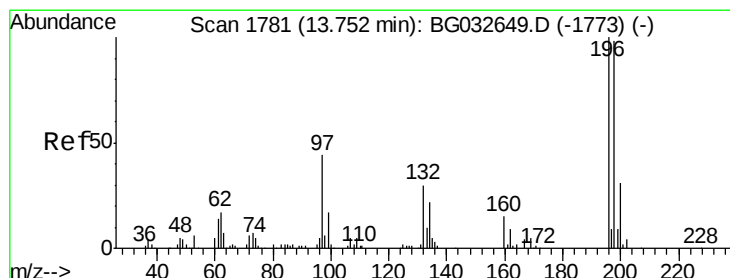
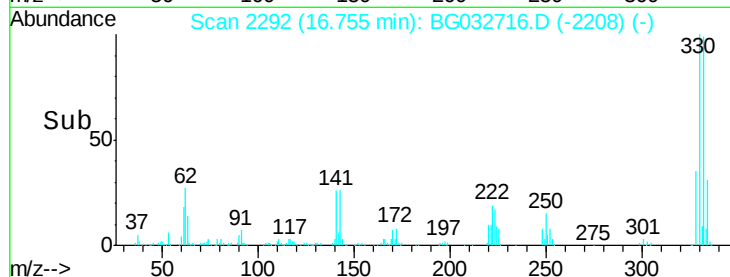
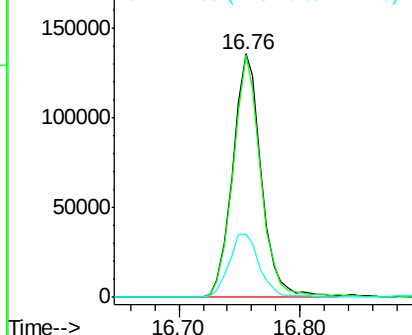
Tot Ion	Ratio	Resp	Lower	Upper
330	100	223291		
332	97.4	77.0	115.6	
141	28.1	25.2	37.8	

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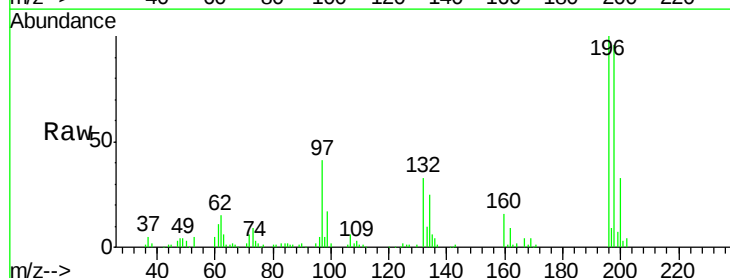


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

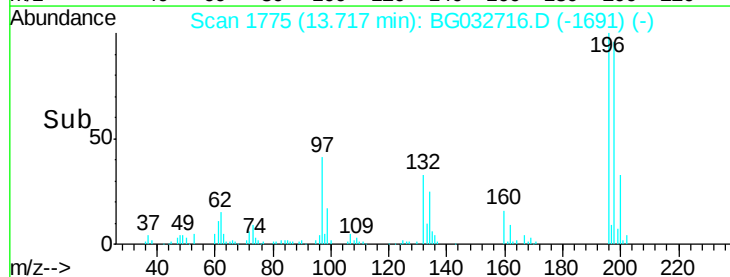
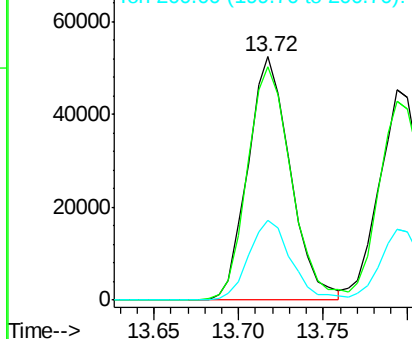


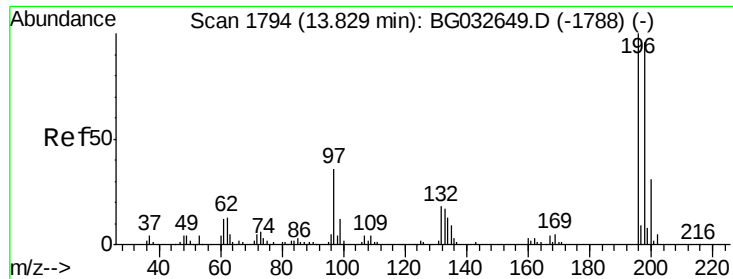
#42
 2,4,6-Trichlorophenol
 Concen: 47.106 ng
 RT: 13.72 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91811		
198	96.0	78.2	117.2	
200	32.9	24.6	36.8	



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





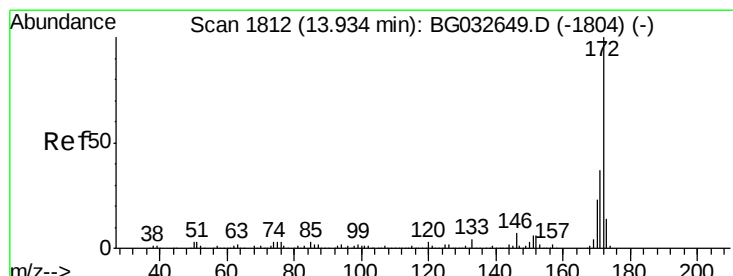
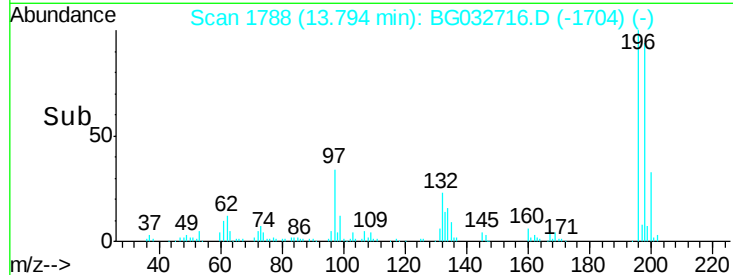
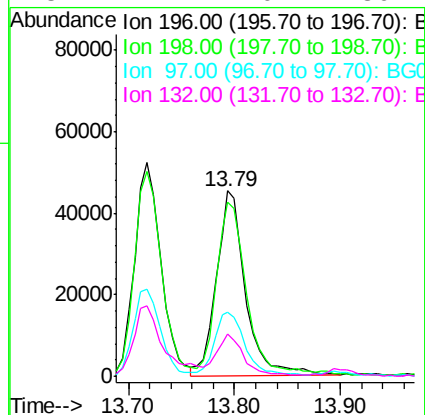
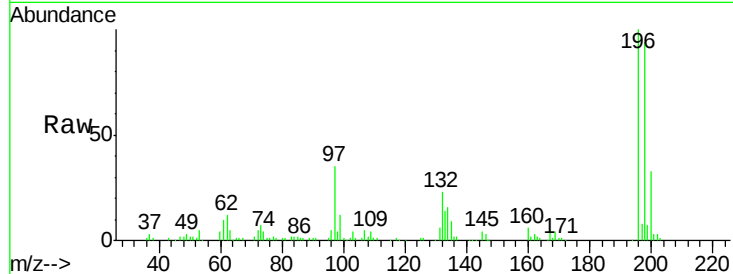
#43
 2,4,5-Trichlorophenol
 Concen: 35.785 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.4
97	34.5	38.7	58.1
132	22.7	20.2	30.2

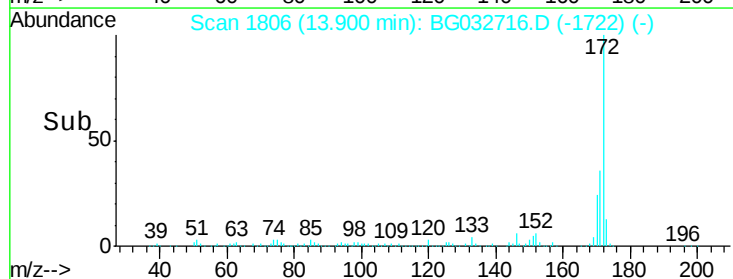
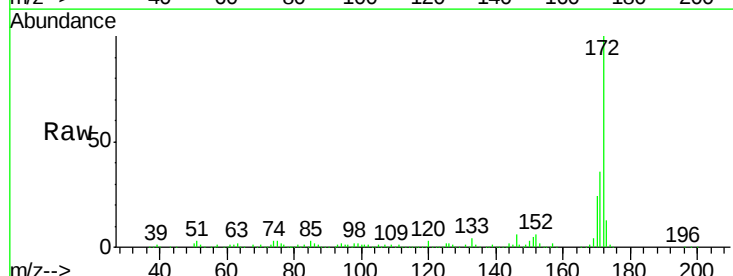
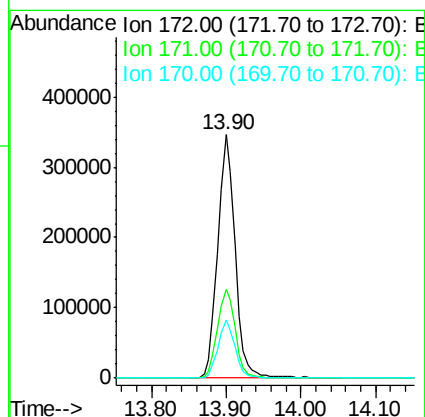
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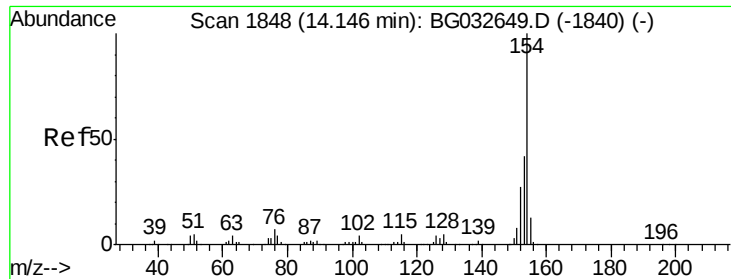
Sohil
 2/16/2018 2:27:23 PM



#44
 2-Fluorobiphenyl
 Concen: 84.845 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.6	19.5	29.3





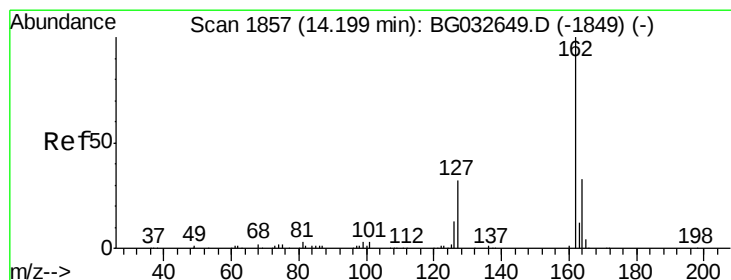
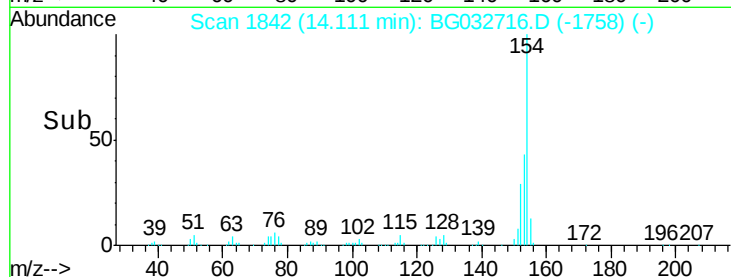
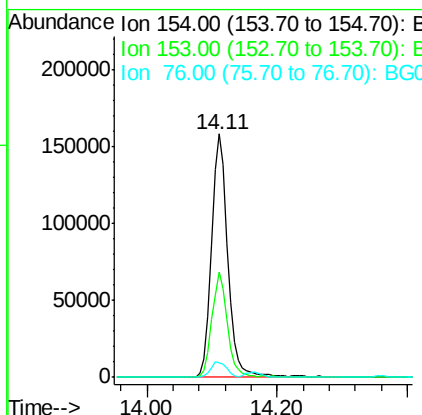
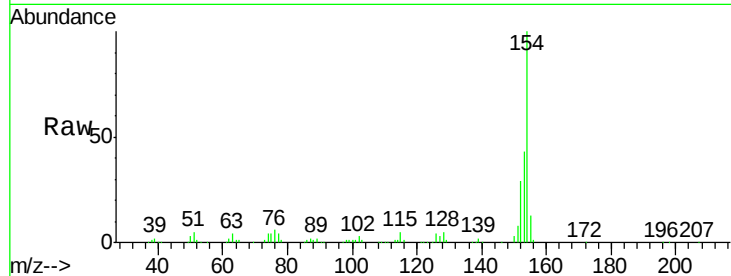
#45
 1,1'-Biphenyl
 Concen: 40.354 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.8	59.8
76	6.2	0.0	31.9

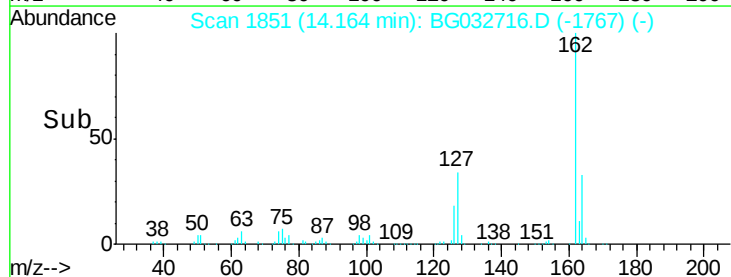
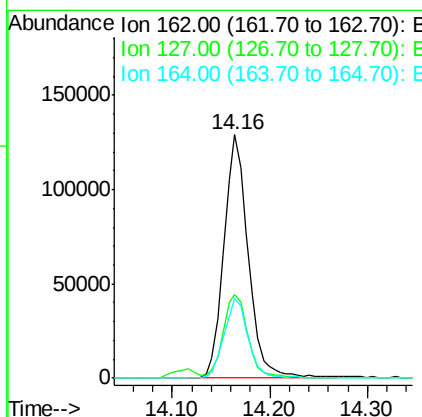
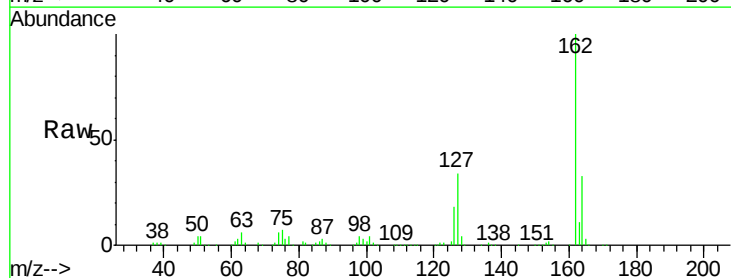
Manual Integrations
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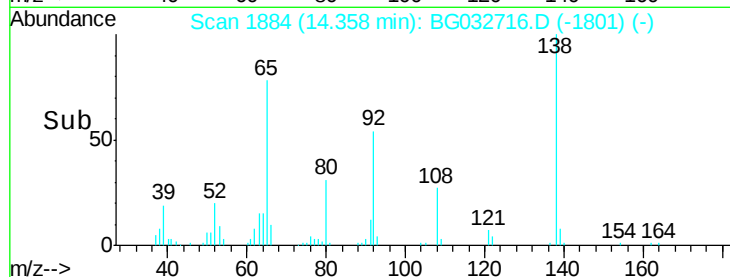
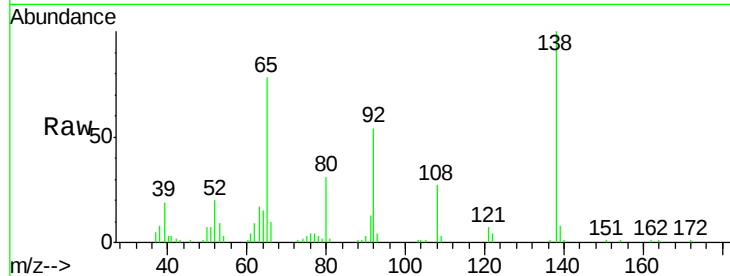
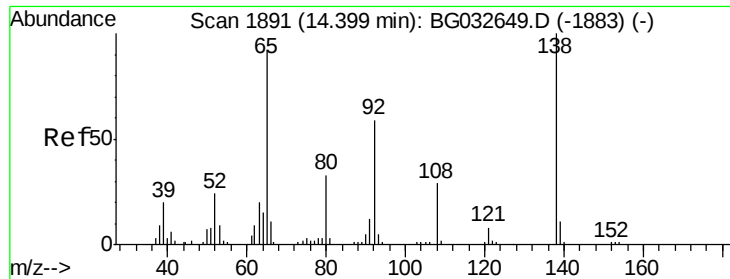
Sohil
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#46
 2-Chloronaphthalene
 Concen: 41.548 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.4	30.7	46.1
164	32.6	26.0	39.0





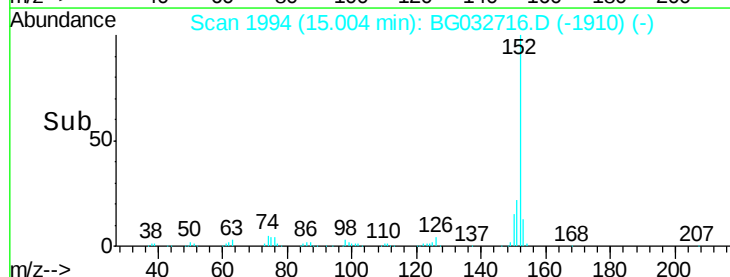
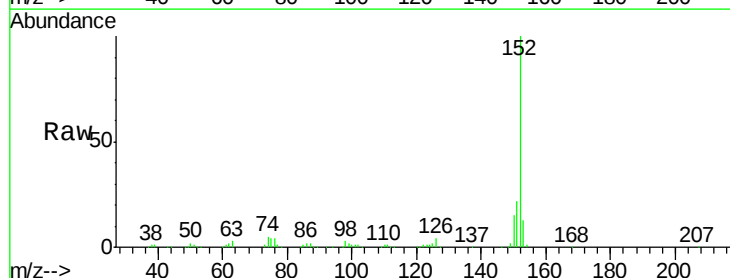
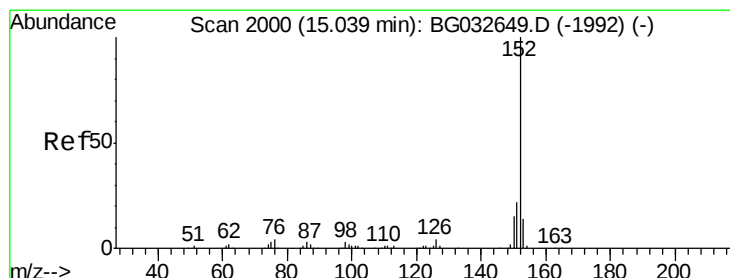
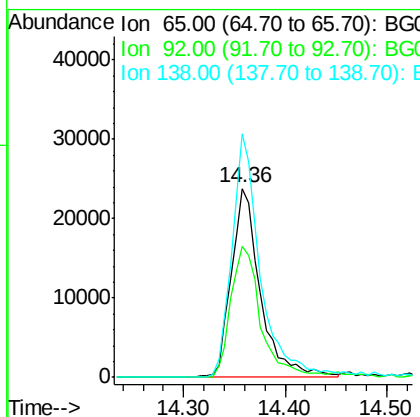
#47
2-Nitroaniline
Concen: 40.582 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	82.0
138	128.8	72.9	109.3

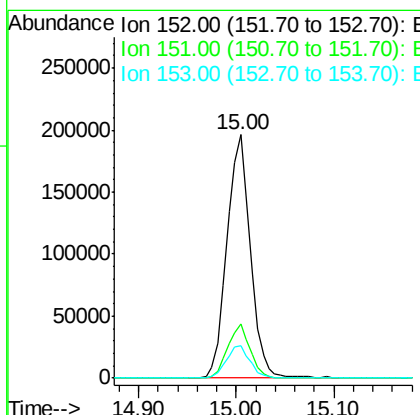
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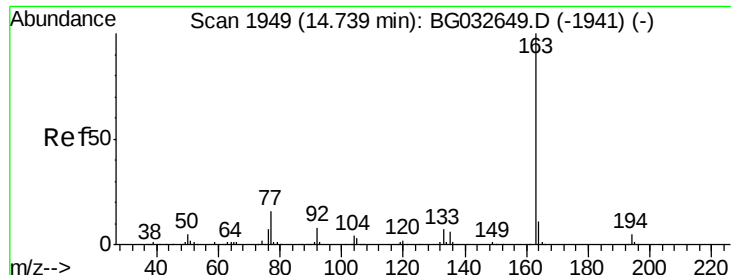
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#48
Acenaphthylene
Concen: 41.130 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.2	25.8
153	13.2	10.2	15.4





#49

Dimethylphthalate

Concen: 36.180 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

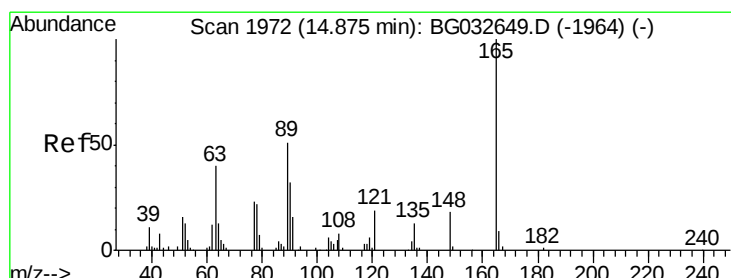
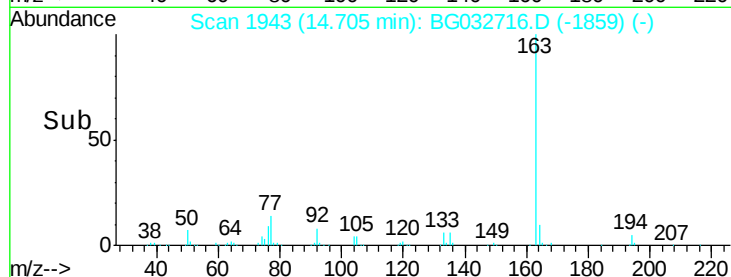
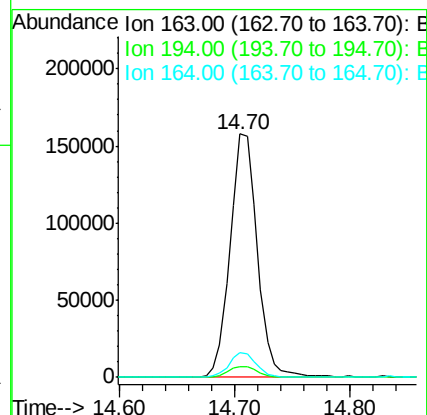
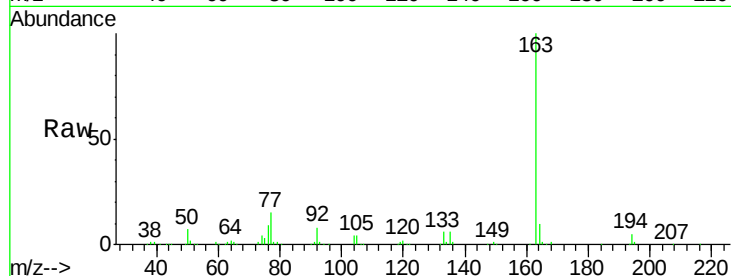
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	163	Resp:	258569
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	10.3	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 42.382 ng

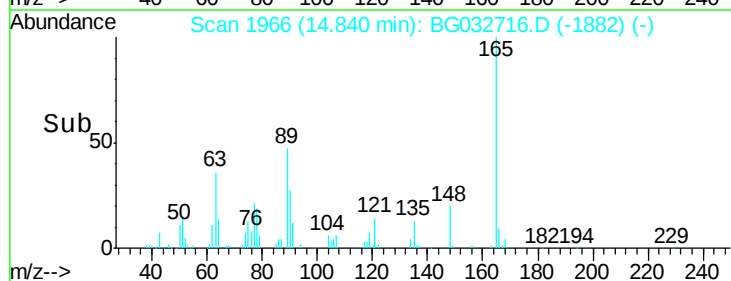
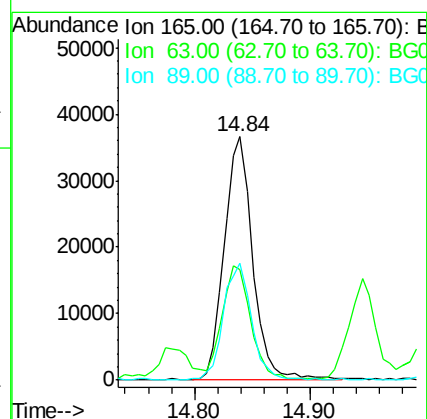
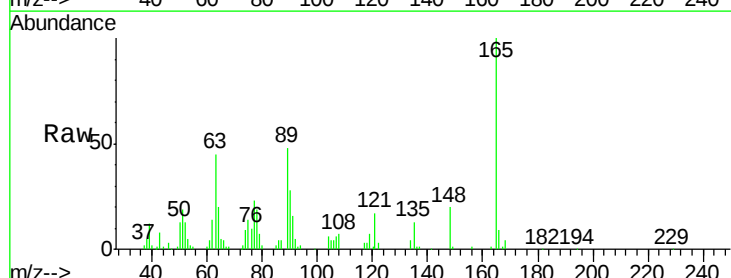
RT: 14.84 min Scan# 1966

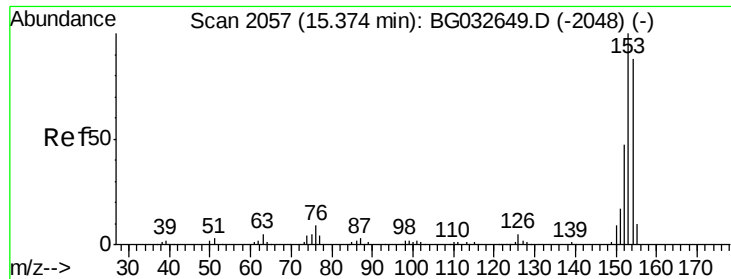
Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	165	Resp:	62380
Ion Ratio	Lower	Upper	
165	100		
63	45.4	52.7	79.1#
89	47.9	49.2	73.8#





#51

Acenaphthene

Concen: 46.818 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

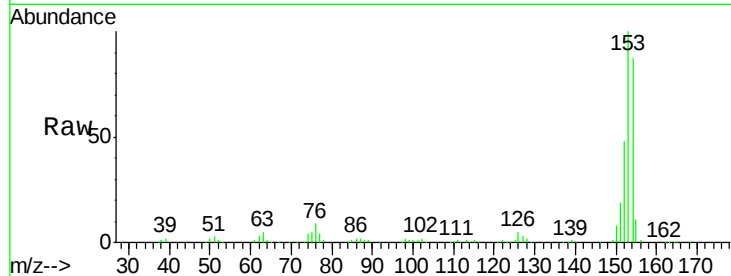
ClientSampleId :

HR-06-021418-AMS

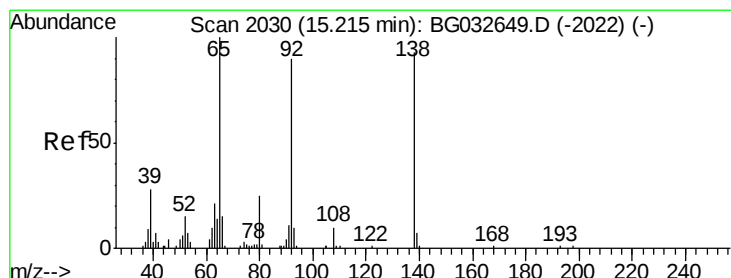
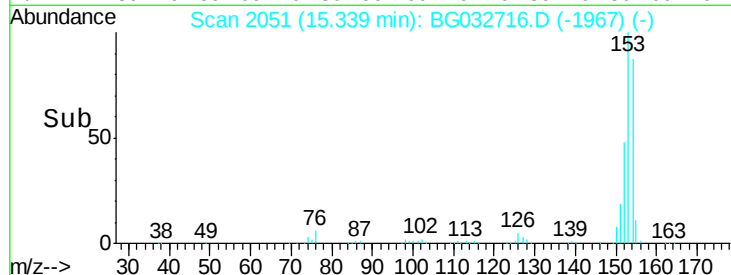
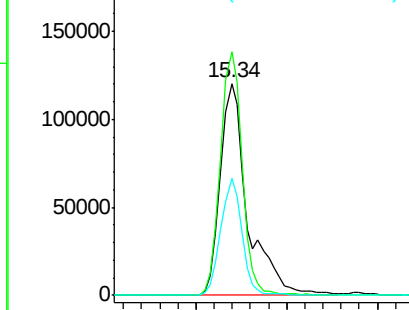
Tot Ion:	154	Resp:	253222
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.4	135.6
152	55.2	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.968 ng

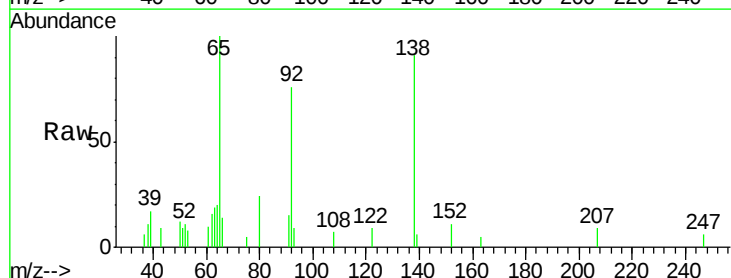
RT: 15.17 min Scan# 2023

Delta R.T. -0.04 min

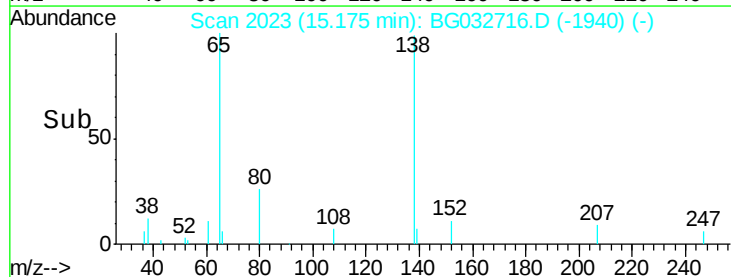
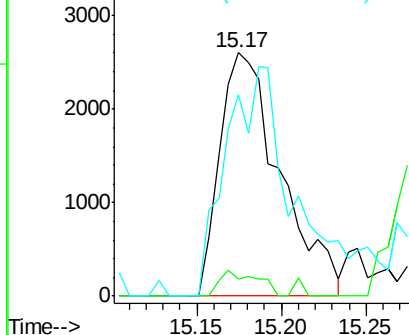
Lab File: BG032716.D

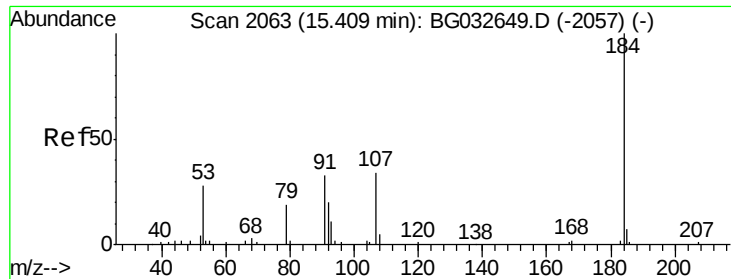
Acq: 15 Feb 2018 16:39

Tgt Ion:	138	Resp:	6457
Ion Ratio	Lower	Upper	
138	100		
108	7.3	17.5	26.3#
92	82.8	105.8	158.8#



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





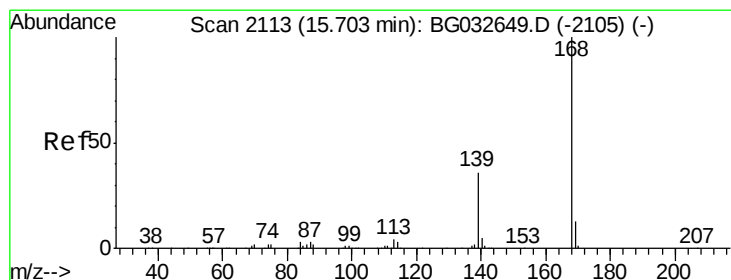
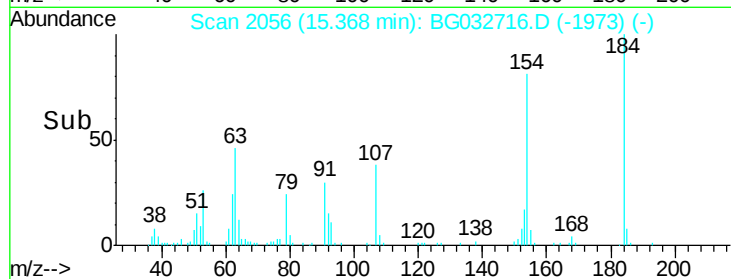
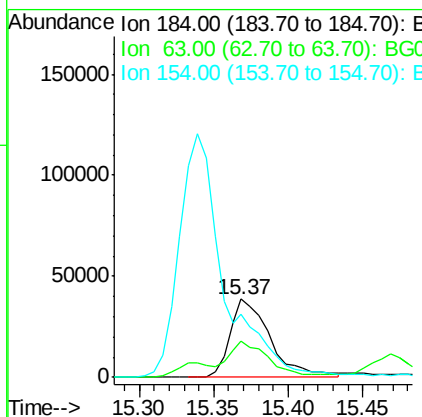
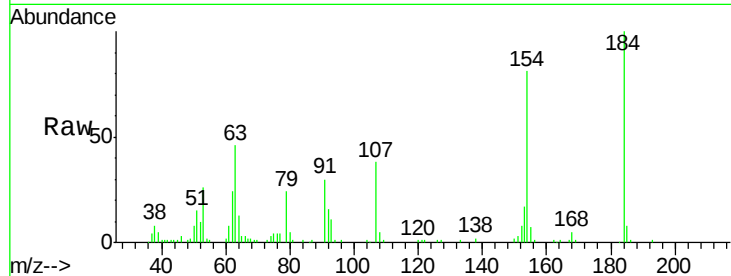
#53
2,4-Dinitrophenol
Concen: 90.192 ng
RT: 15.37 min Scan# 2056
Delta R.T. -0.04 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.2	59.8	89.8#
154	81.3	101.8	152.8#

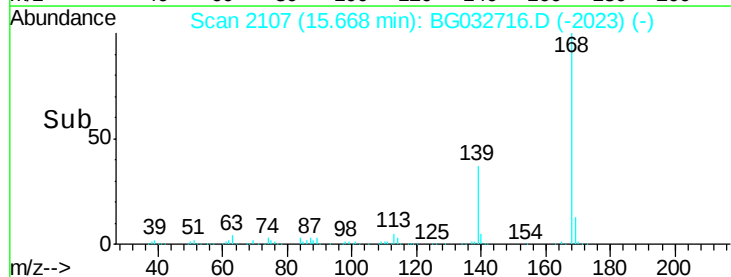
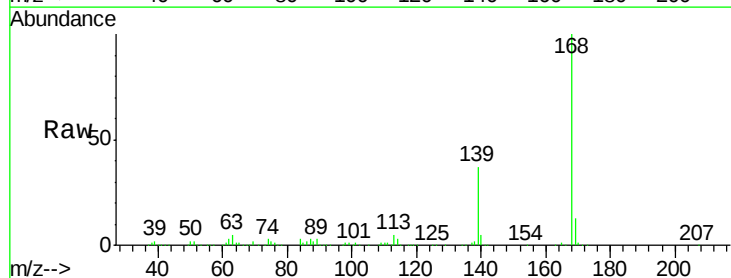
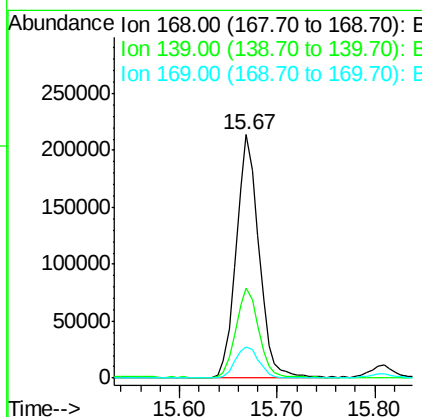
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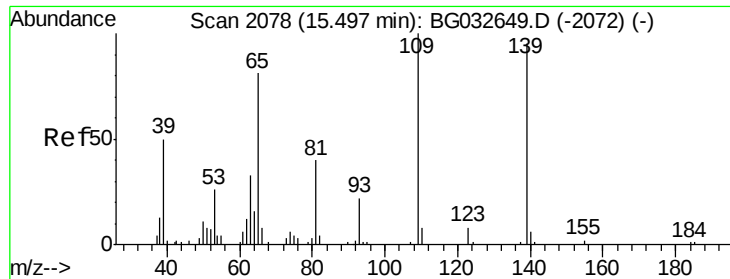
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#54
Dibenzofuran
Concen: 43.154 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.6	43.0
169	12.6	11.2	16.8





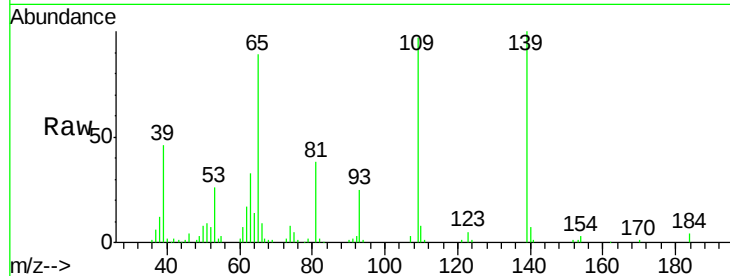
#55
4-Nitrophenol
Concen: 72.142 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	68987		
109	96.9	62.2	102.2	
65	88.8	97.2	137.2	

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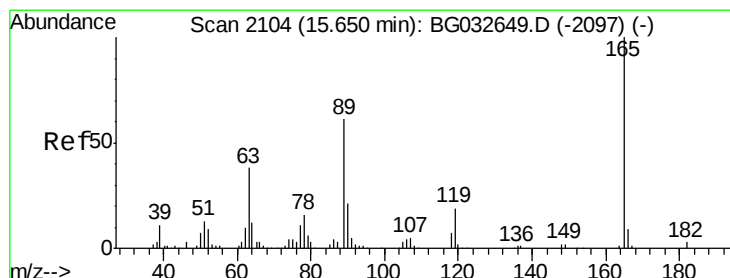
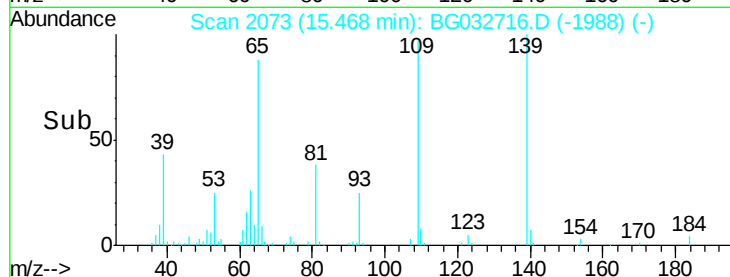
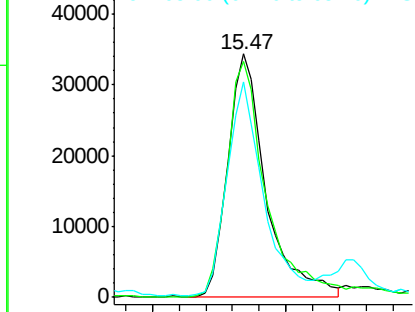


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 49.652 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100695		
63	33.5	42.0	63.0	
89	51.5	66.9	100.3	
182	2.6	2.6	3.8	

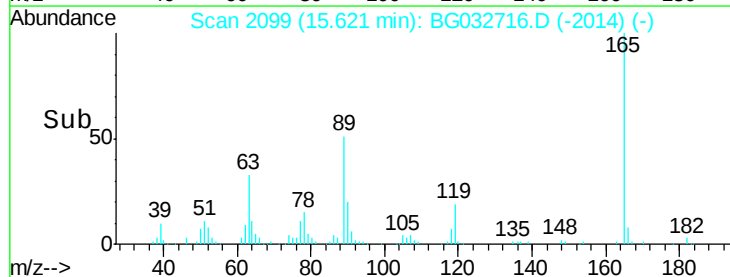
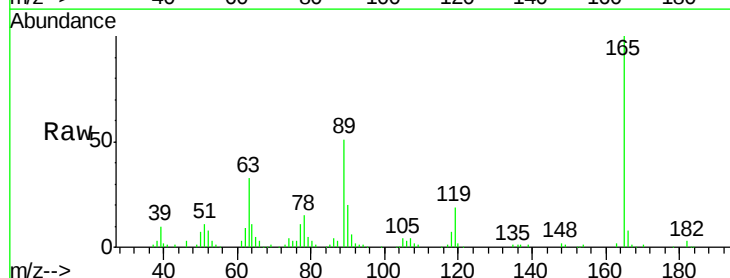
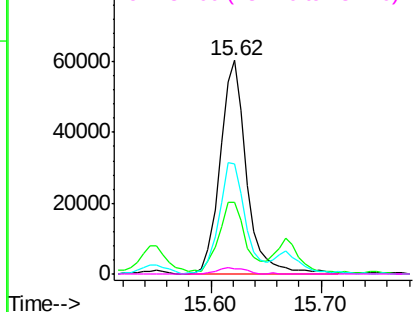
Abundance

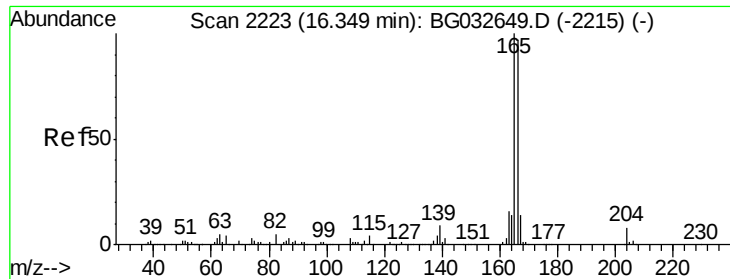
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.605 ng

RT: 16.31 min Scan# 2217

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

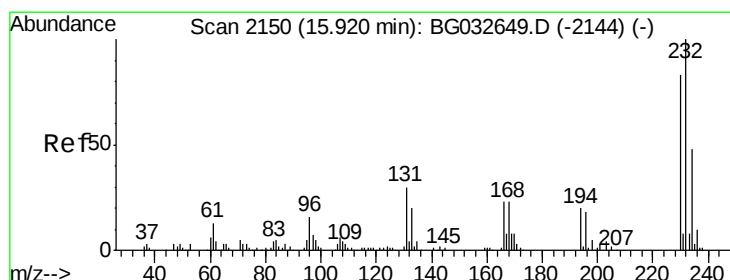
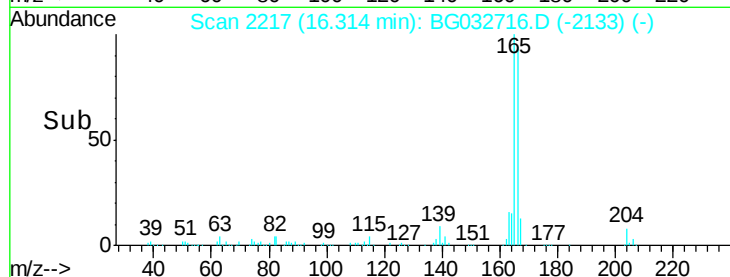
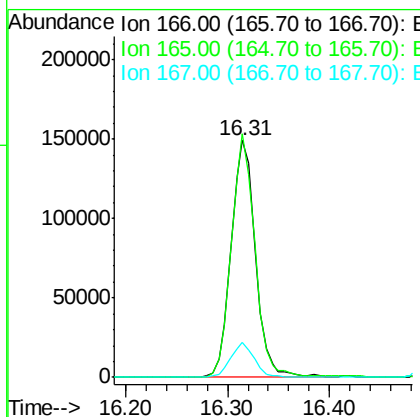
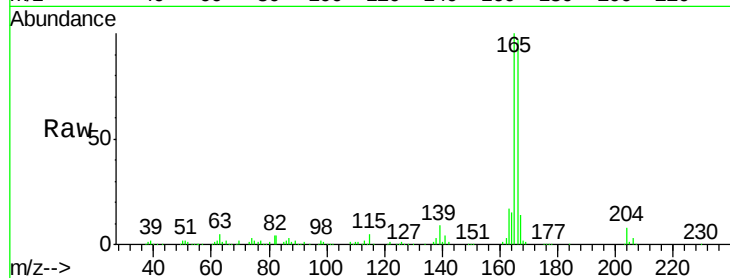
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	166	Resp:	248862
Ion Ratio	Lower	Upper	
166	100		
165	102.7	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.812 ng

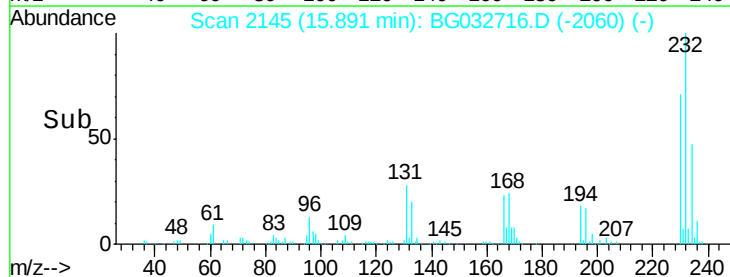
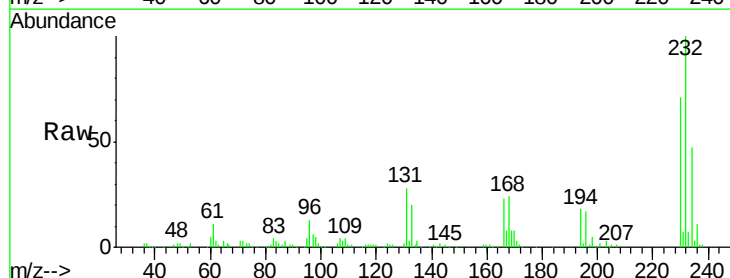
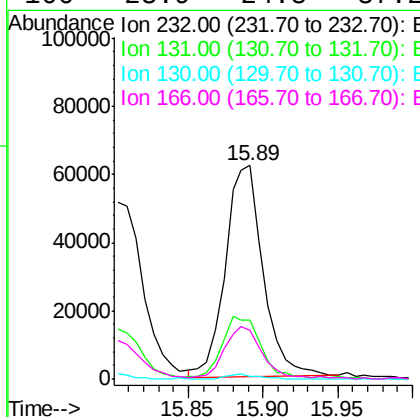
RT: 15.89 min Scan# 2145

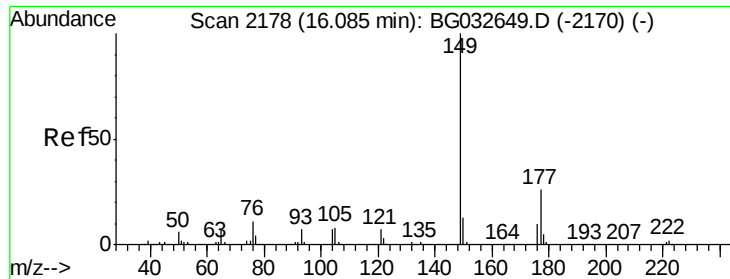
Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	232	Resp:	109337
Ion Ratio	Lower	Upper	
232	100		
131	31.9	33.5	50.3#
130	2.0	2.2	3.2#
166	23.9	24.8	37.2#





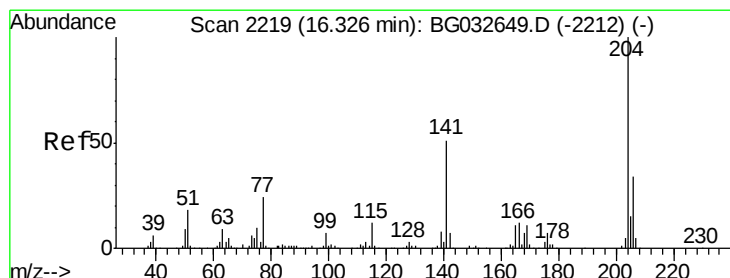
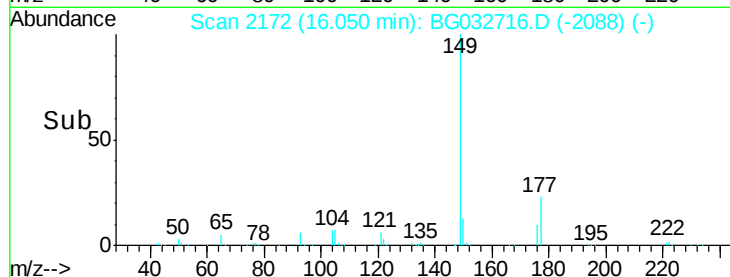
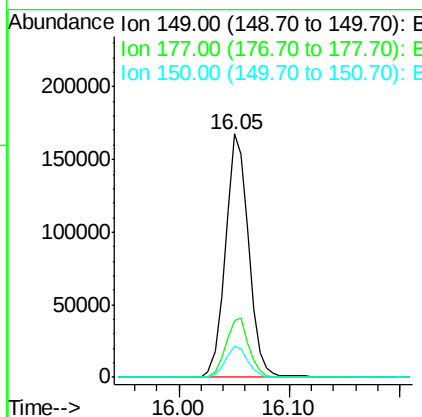
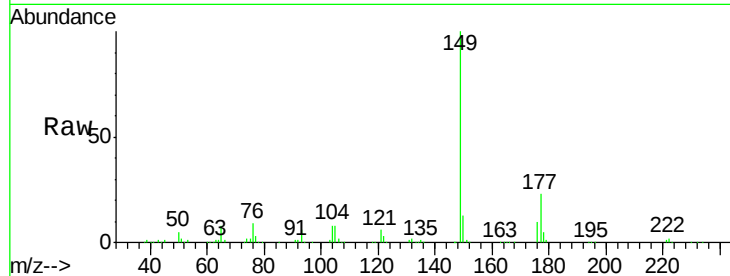
#59
Diethylphthalate
Concen: 35.429 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	246367		
177	23.1	18.5	27.7	
150	12.6	10.2	15.2	

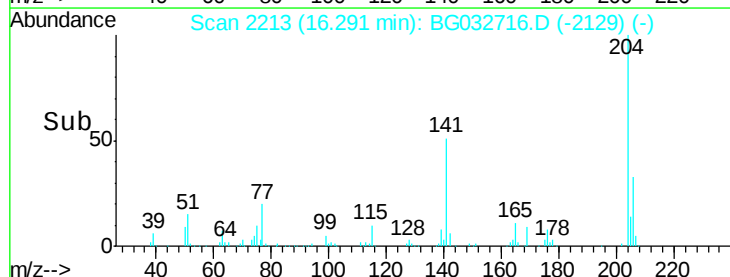
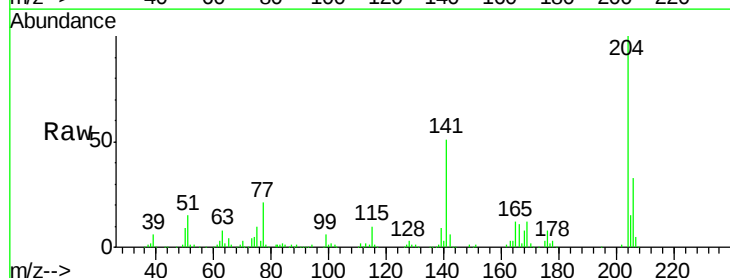
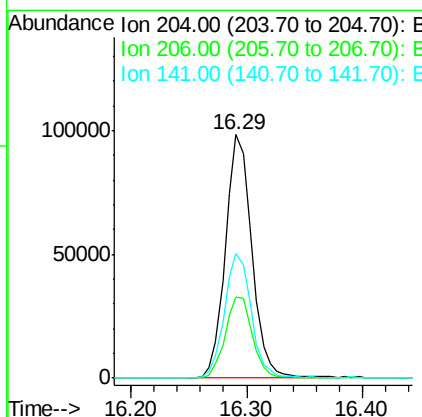
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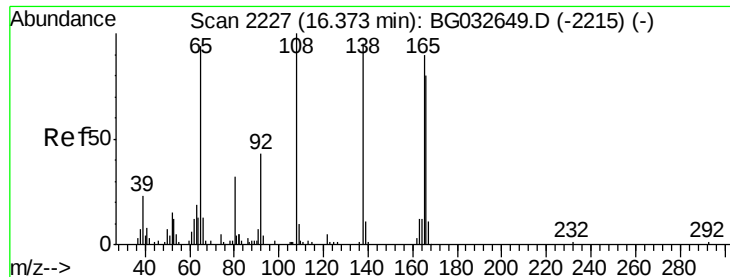
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 35.789 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156374		
206	33.0	26.2	39.2	
141	51.0	45.8	68.6	





#61

4-Nitroaniline

Concen: 18.893 ng

RT: 16.33 min Scan# 2220

Delta R.T. -0.04 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-AMS

Tot Ion: 138 Resp: 25318

Ion Ratio Lower Upper

138 100

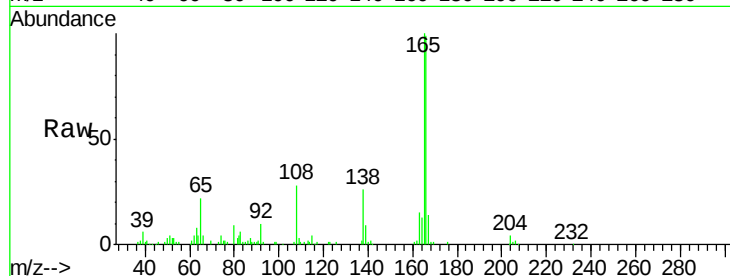
92 36.9 40.1 80.1#

108 106.0 65.4 105.4#

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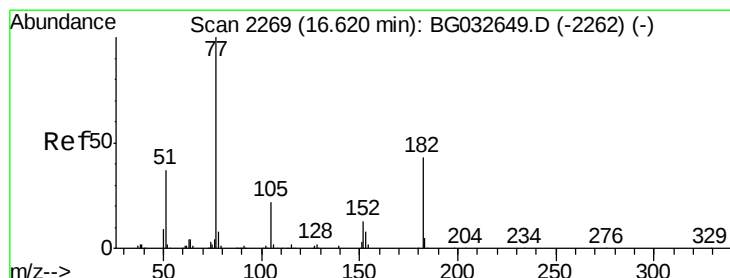
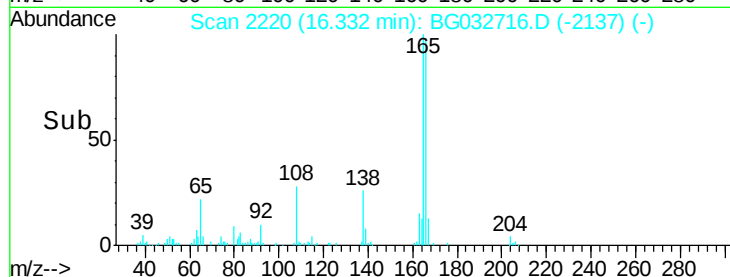
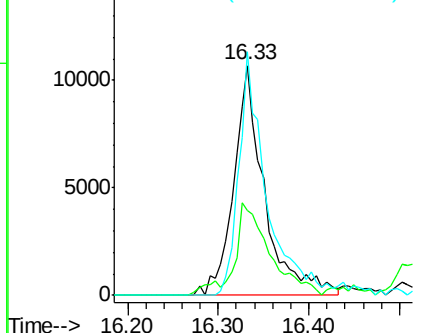
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.555 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion: 77 Resp: 185655

Ion Ratio Lower Upper

77 100

182 43.7 7.4 47.4

105 21.0 0.3 40.3

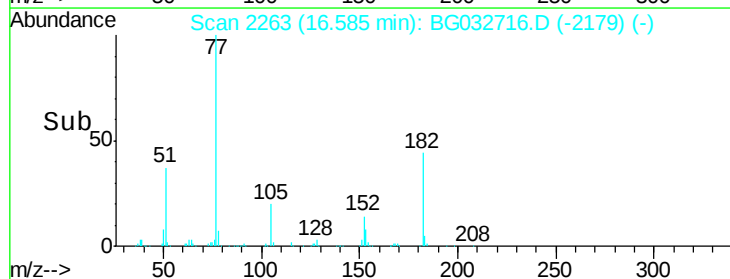
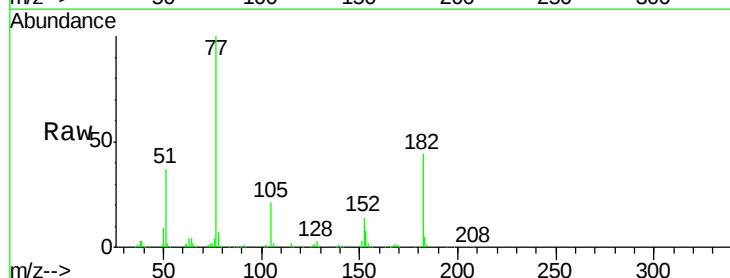
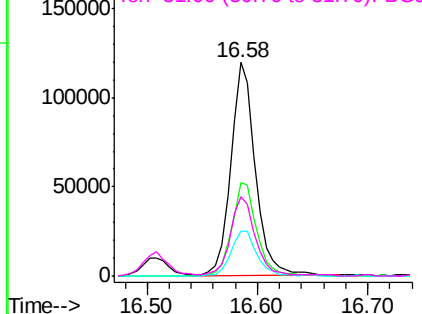
51 37.1 11.6 51.6

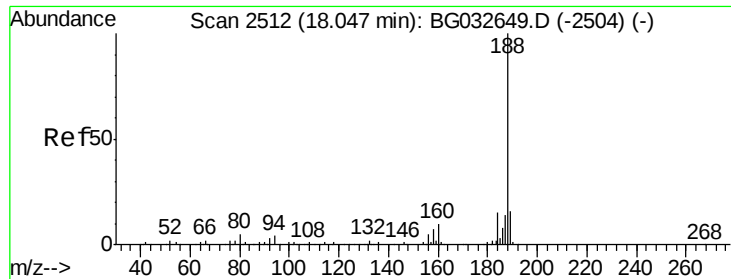
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.01 min Scan# 2506

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

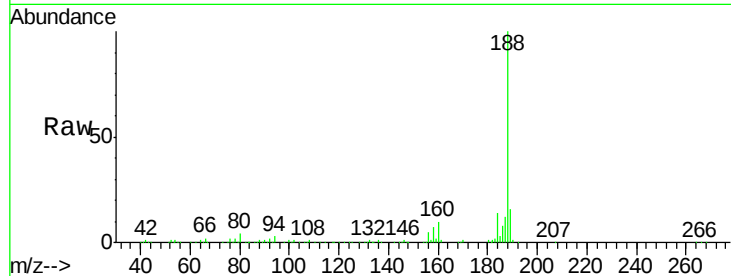
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	188	Resp:	226925
Ion Ratio	Lower	Upper	
188	100		
94	3.4	6.9	10.3#
80	3.9	7.7	11.5#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

18.01

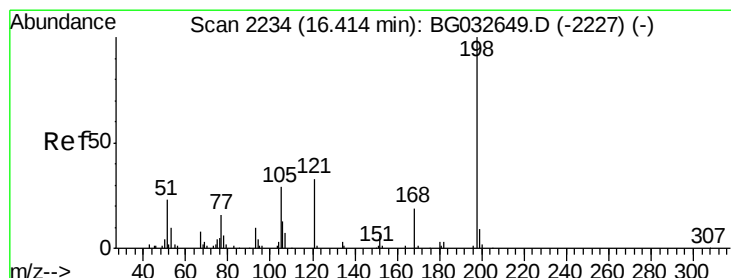
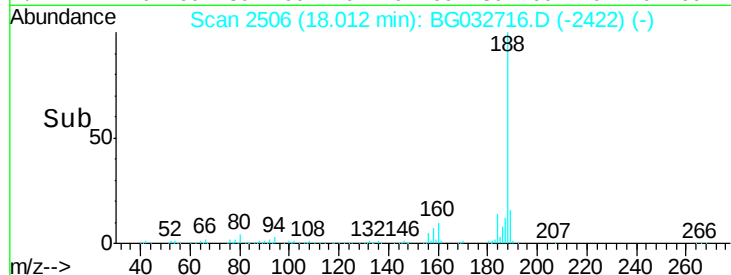
150000

100000

50000

0

Time--> 17.90 18.00 18.10



#64

4,6-Dinitro-2-methylphenol

Concen: 34.340 ng

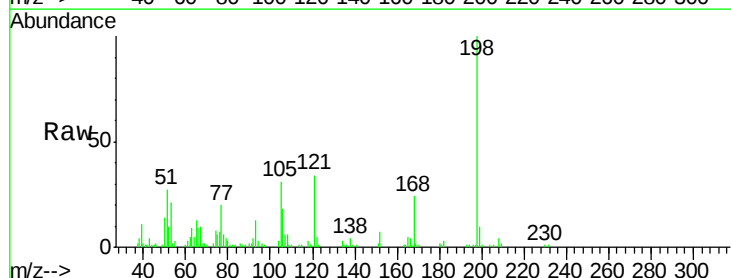
RT: 16.38 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	198	Resp:	54046
Ion Ratio	Lower	Upper	
198	100		
51	26.7	30.6	70.6#
105	30.8	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

16.38

40000

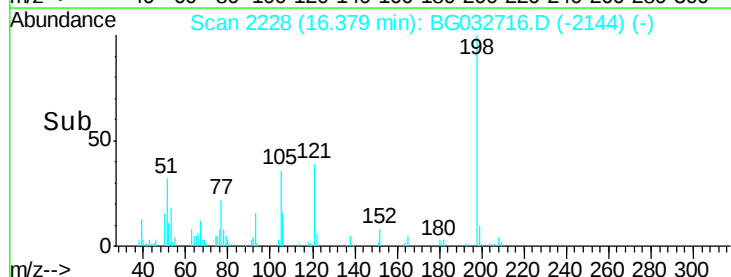
30000

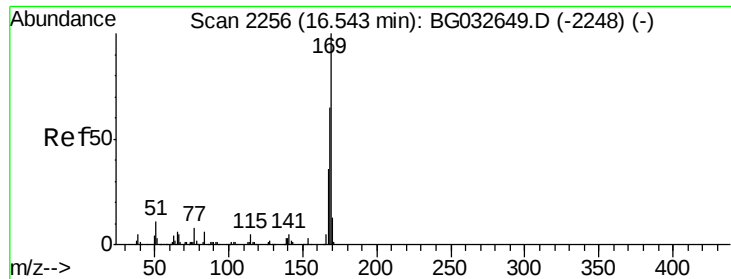
20000

10000

0

Time--> 16.30 16.40 16.50





#65

n-Nitrosodiphenylamine

Concen: 32.735 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

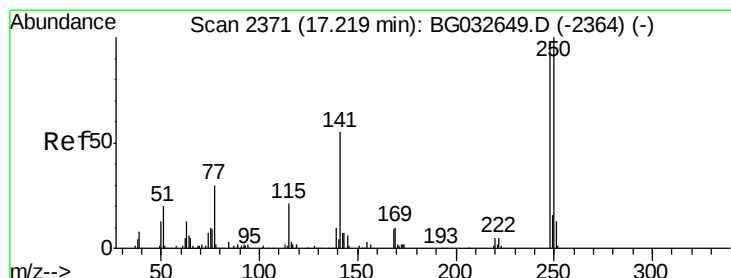
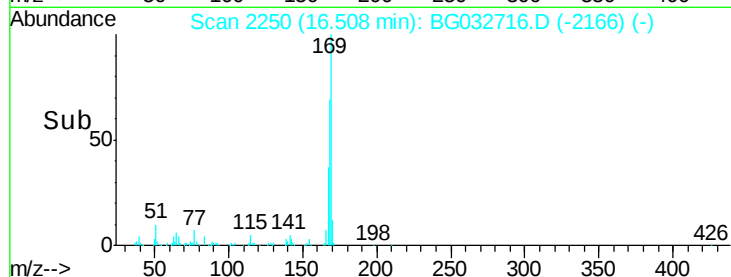
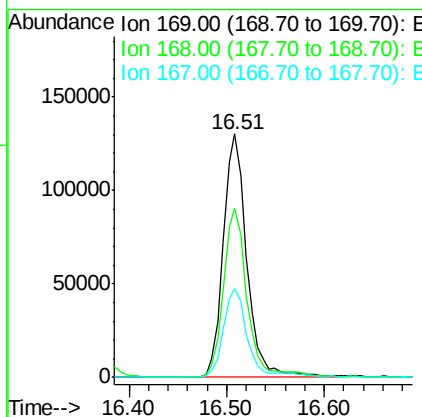
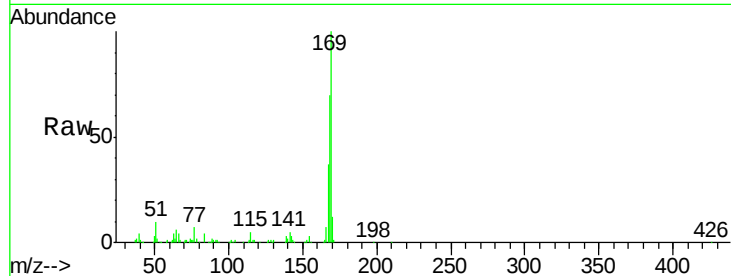
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	169	Resp:	217859
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.7	83.5
167	36.6	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 42.622 ng

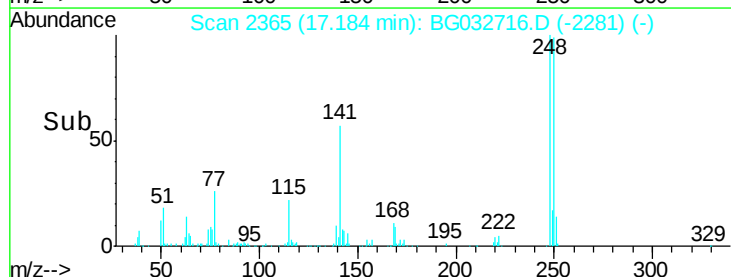
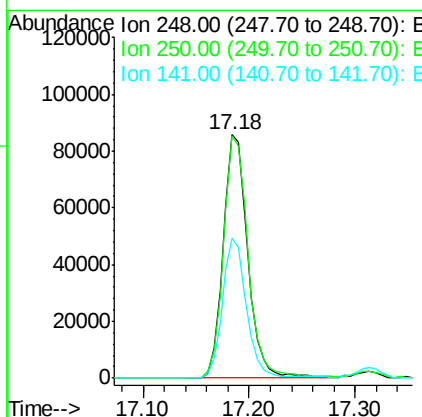
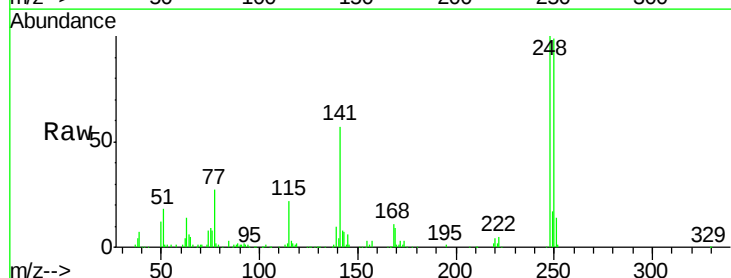
RT: 17.18 min Scan# 2365

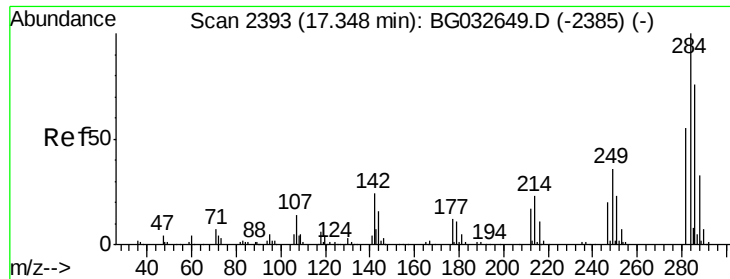
Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	248	Resp:	138421
Ion Ratio	Lower	Upper	
248	100		
250	99.4	77.1	115.7
141	57.5	50.8	76.2





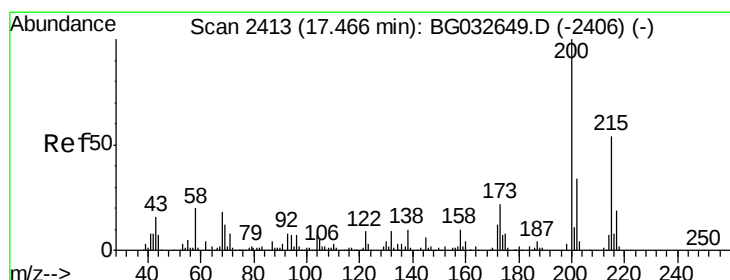
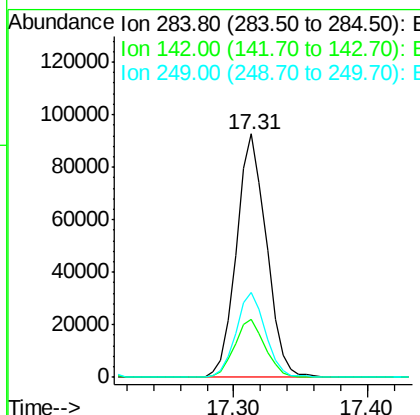
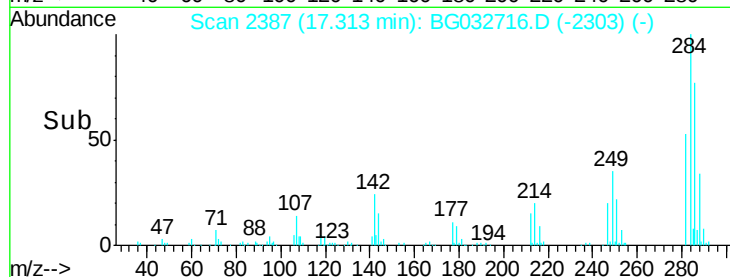
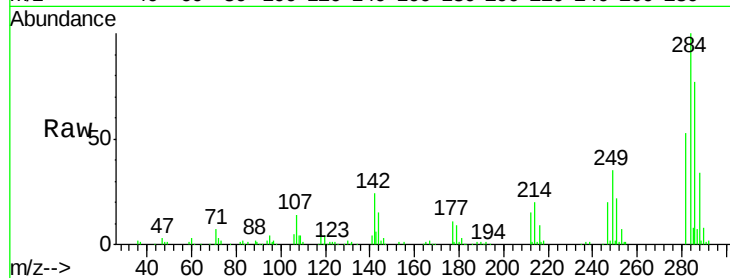
#67
Hexachlorobenzene
Concen: 41.268 ng
RT: 17.31 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	143948		
142	23.8	26.8	40.2	
249	35.1	26.3	39.5	

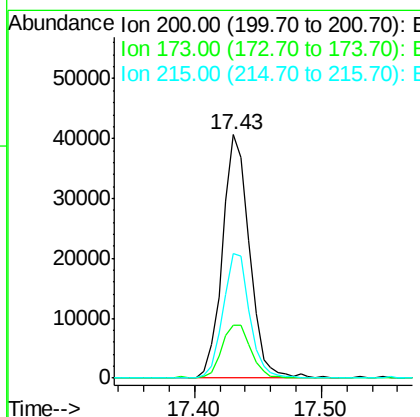
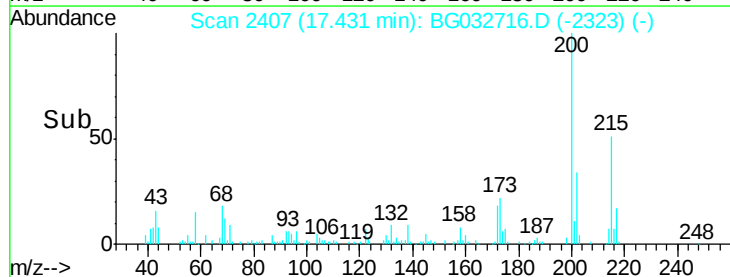
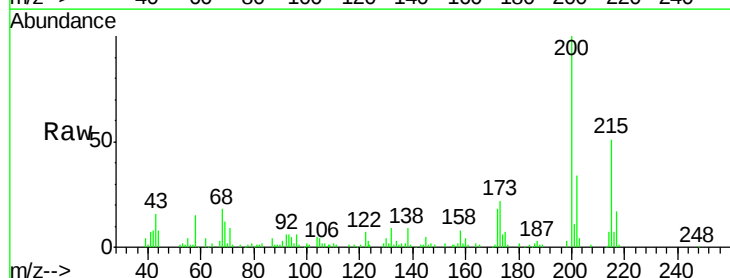
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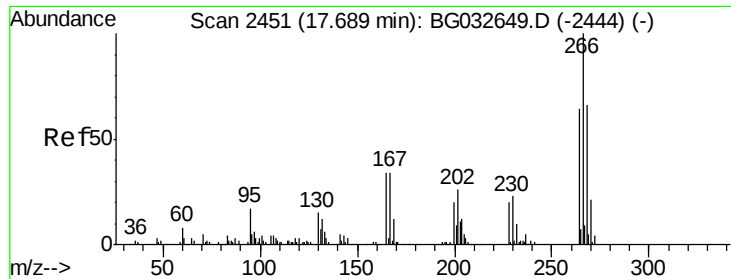
Sohil
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#68
Atrazine
Concen: 20.935 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	59759		
173	21.5	5.2	45.2	
215	51.1	30.4	70.4	





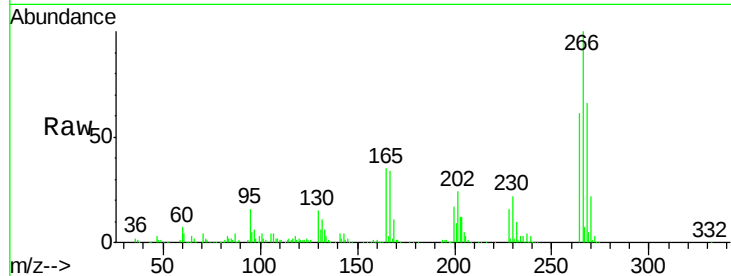
#69
 Pentachlorophenol
 Concen: 87.807 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.1	76.7
264	61.5	49.6	74.4

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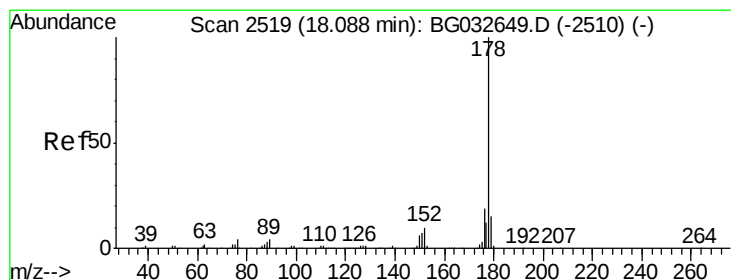
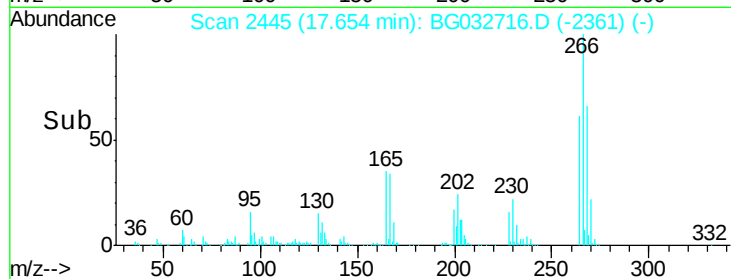
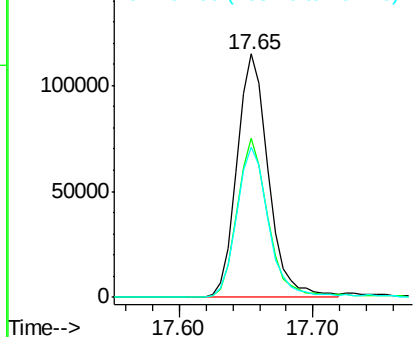


Abundance

Ion 265.70 (265.40 to 266.40): E

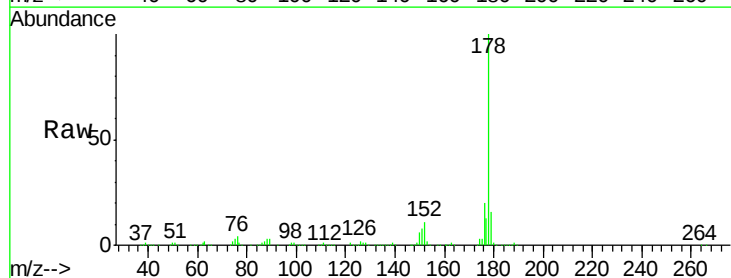
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.124 ng
 RT: 18.05 min Scan# 2513
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.6	12.5	18.7

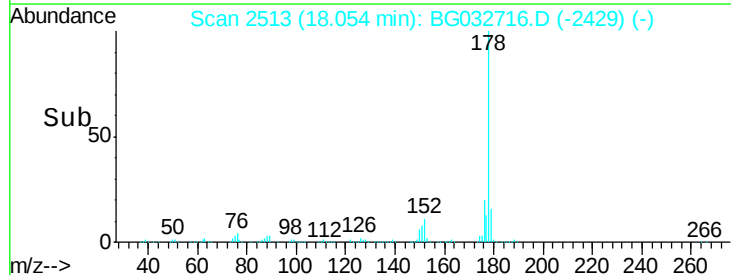
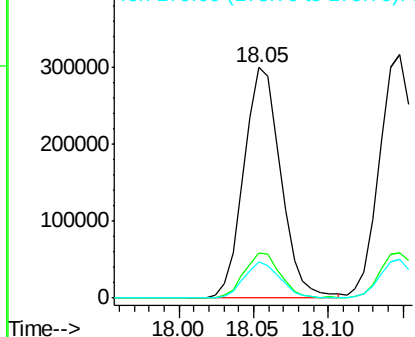


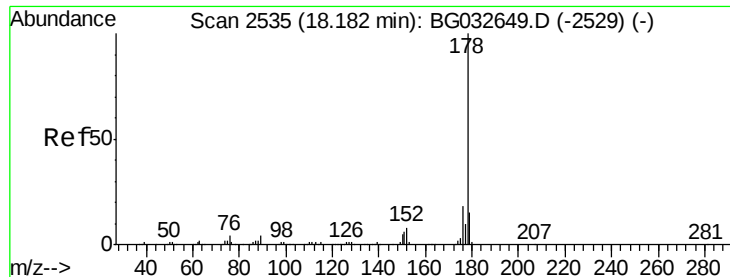
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





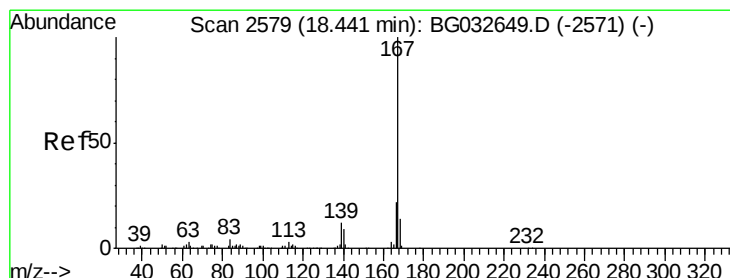
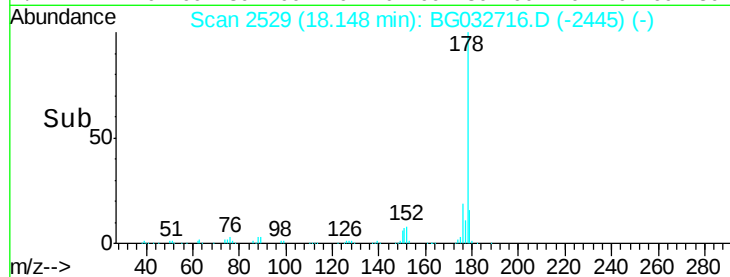
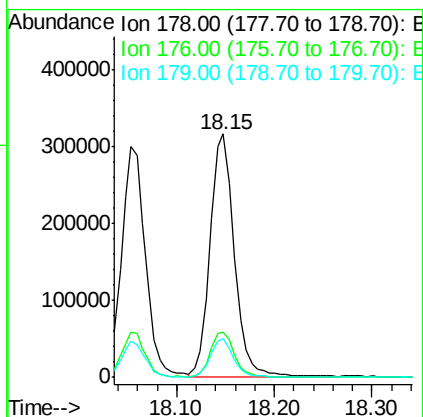
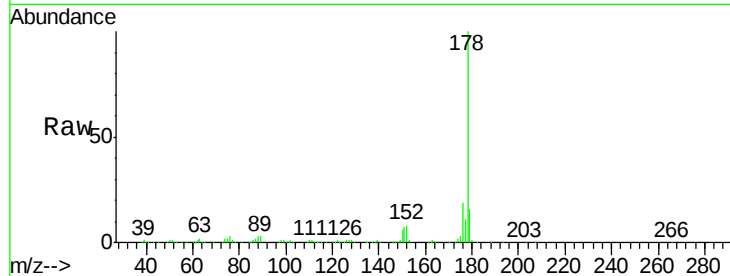
#71
 Anthracene
 Concen: 43.436 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.7	12.5	18.7

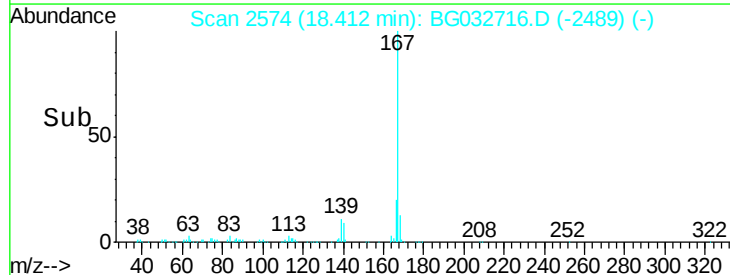
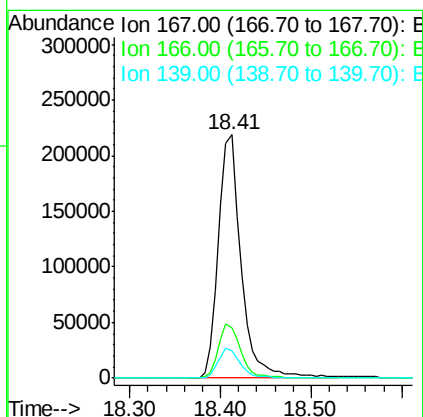
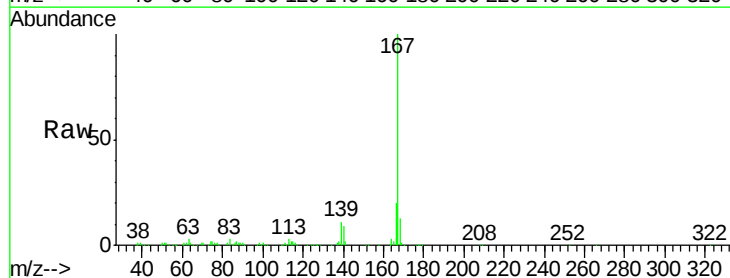
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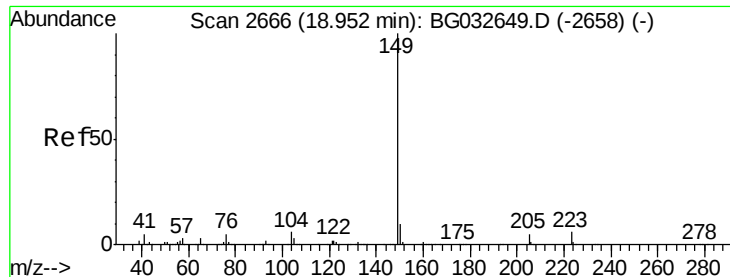
Sohil
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#72
 Carbazole
 Concen: 35.861 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.03 min
 Lab File: BG032716.D
 Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.5	18.2	27.4
139	11.4	9.4	14.2





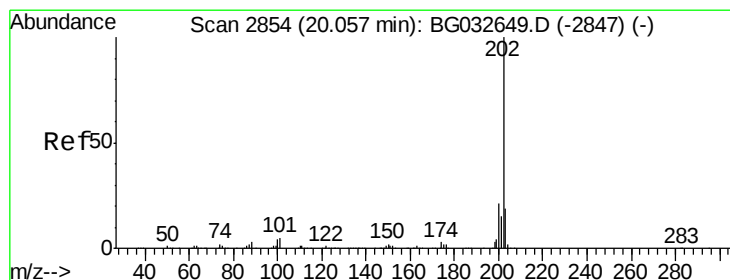
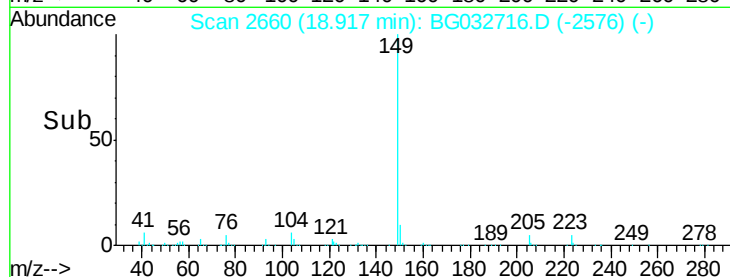
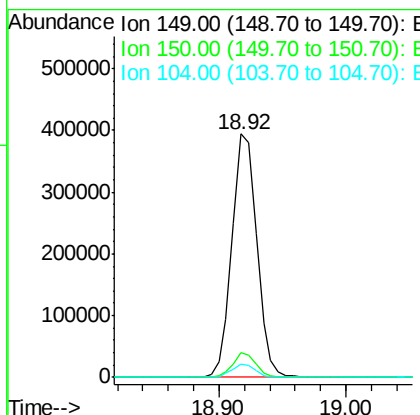
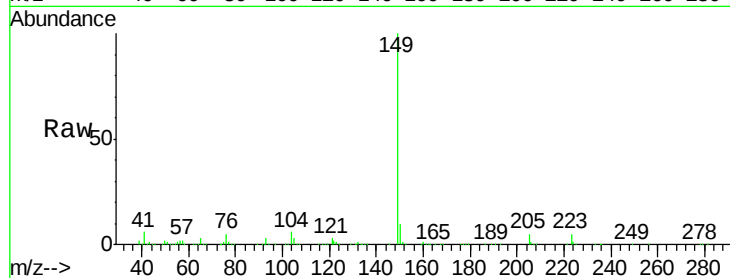
#73
Di-n-butylphthalate
Concen: 44.669 ng
RT: 18.92 min Scan# 2660
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.6	3.9	5.9

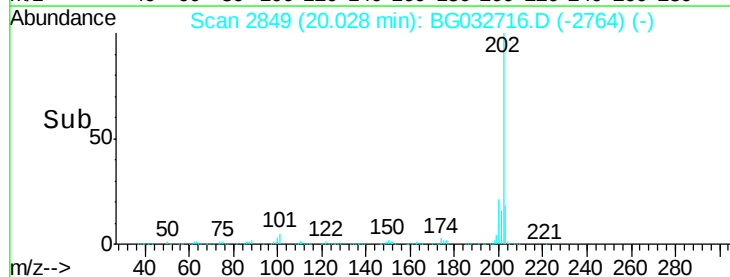
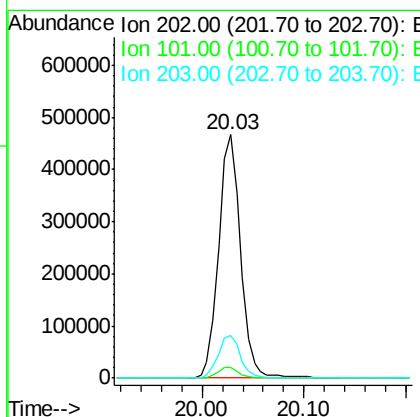
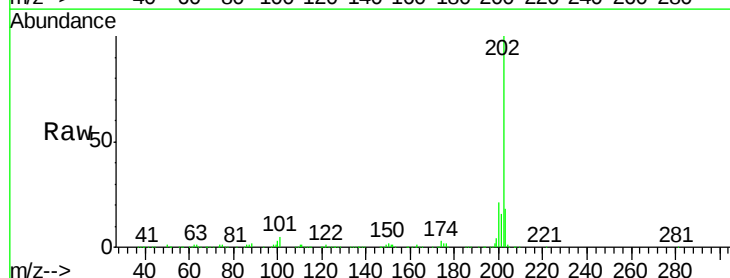
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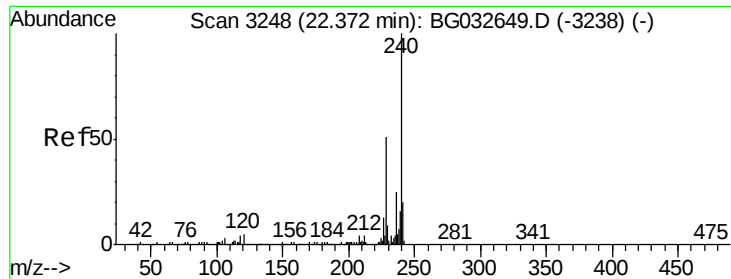
Sohil
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#74
Fluoranthene
Concen: 42.997 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	28.9
203	17.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

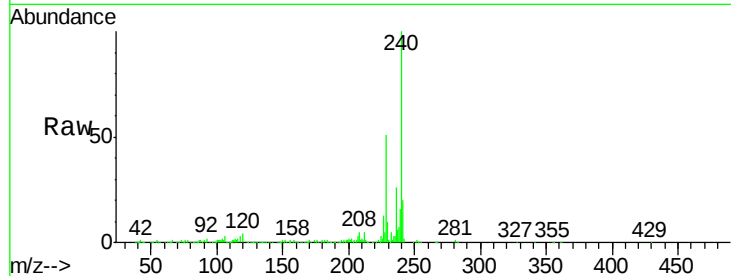
ClientSampleId :

HR-06-021418-AMS

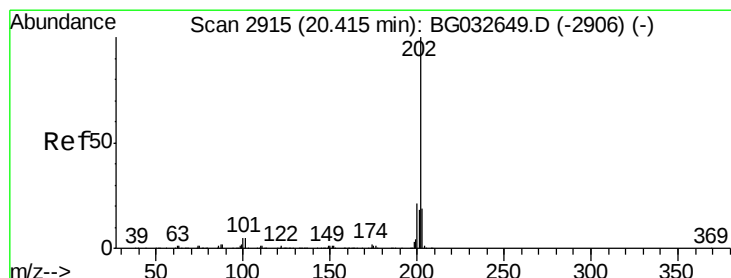
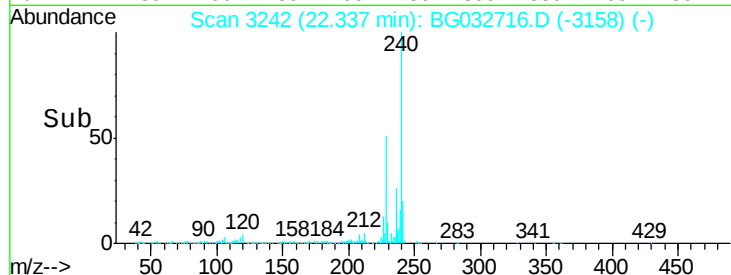
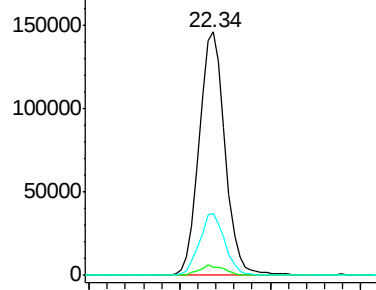
Tot Ion:	240	Resp:	289894
Ion Ratio	Lower	Upper	
240	100		
120	3.6	6.8	10.2#
236	25.5	20.9	31.3

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



#77

Pyrene

Concen: 41.919 ng

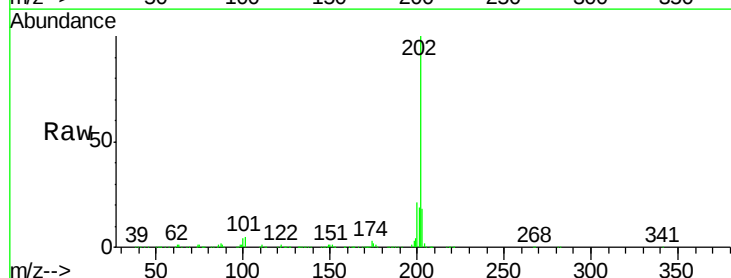
RT: 20.39 min Scan# 2910

Delta R.T. -0.03 min

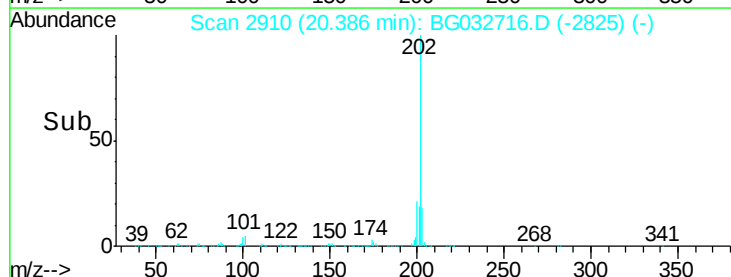
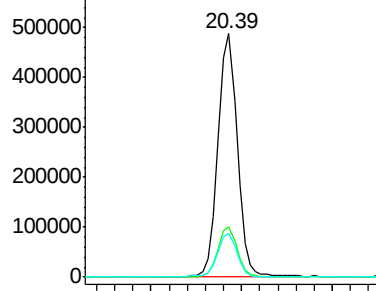
Lab File: BG032716.D

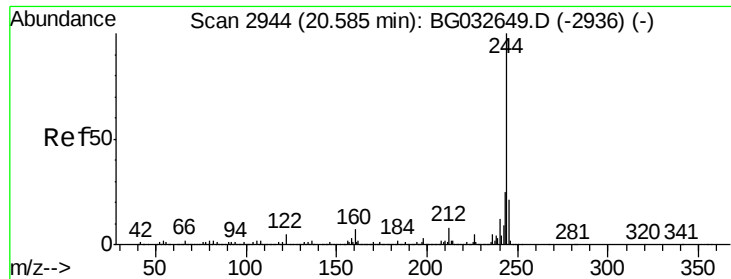
Acq: 15 Feb 2018 16:39

Tgt Ion:	202	Resp:	722953
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.9	25.3
203	17.9	13.9	20.9



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: 92.732 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-AMS

Tot Ion:244 Resp: 1179459

Ion Ratio Lower Upper

244 100

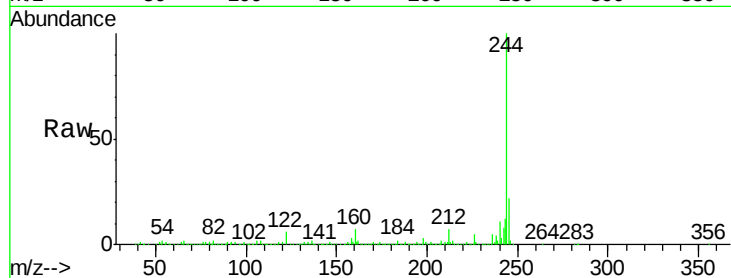
212 7.5 5.8 8.8

122 5.5 7.0 10.4#

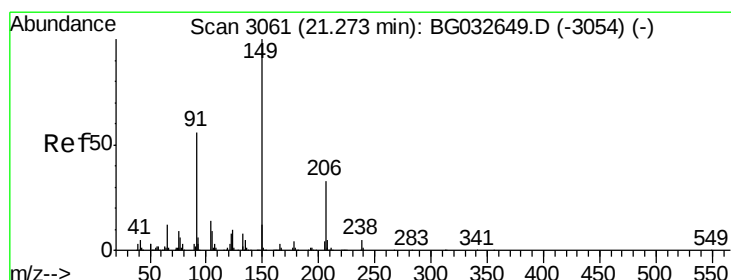
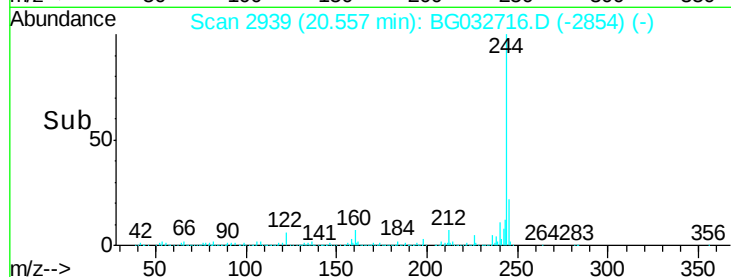
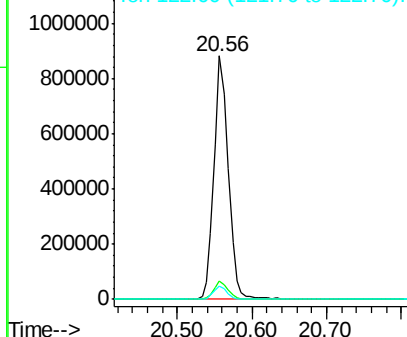
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.246 ng

RT: 21.24 min Scan# 3056

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

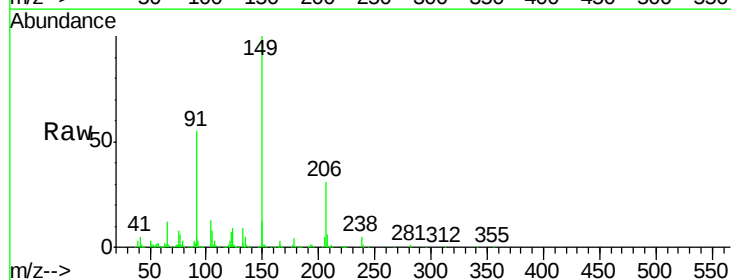
Tgt Ion:149 Resp: 245697

Ion Ratio Lower Upper

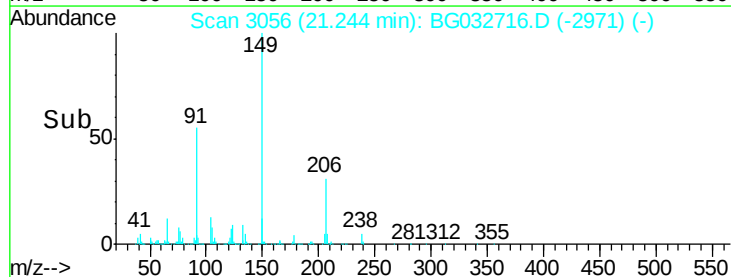
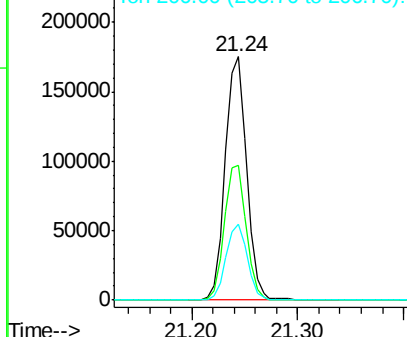
149 100

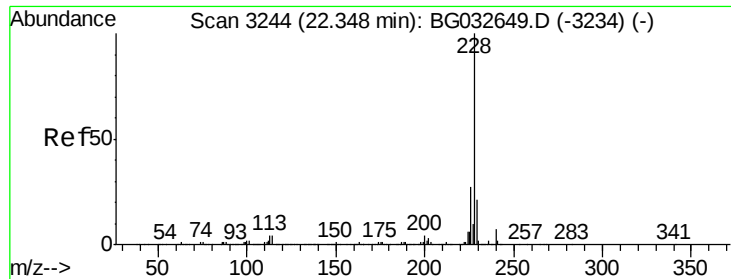
91 55.3 62.2 93.2#

206 31.4 18.6 27.8#



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





#80

Benzo(a)anthracene

Concen: 41.781 ng

RT: 22.31 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

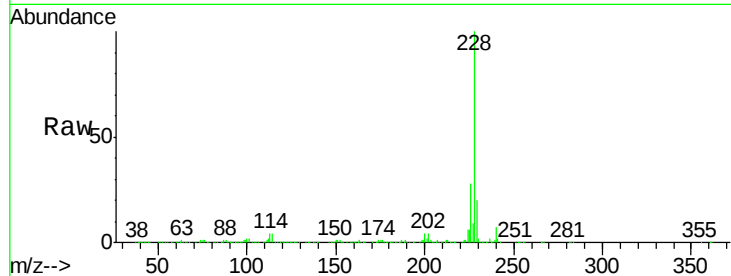
ClientSampleId :

HR-06-021418-AMS

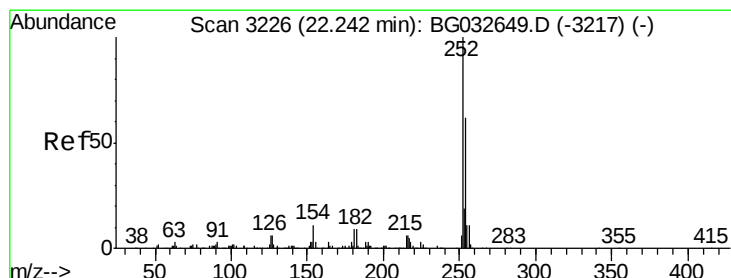
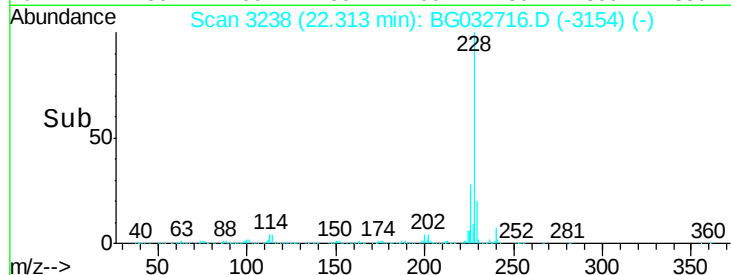
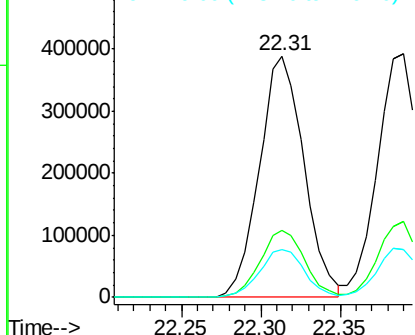
Tot Ion:	228	Resp:	758345
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.7	34.1
229	19.8	16.2	24.2

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



#81

3,3'-Dichlorobenzidine

Concen: 3.796 ng

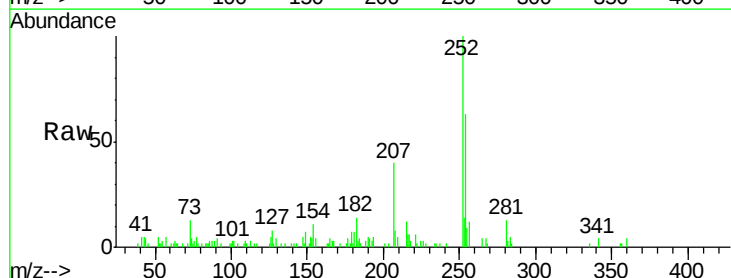
RT: 22.21 min Scan# 3221

Delta R.T. -0.03 min

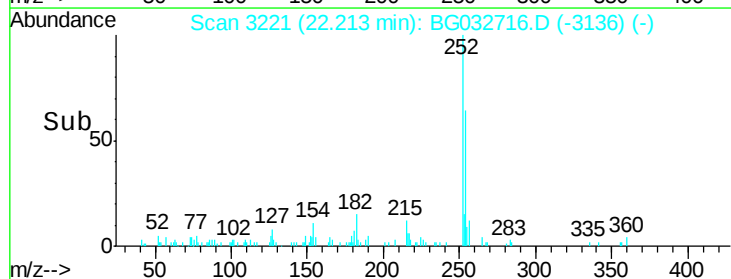
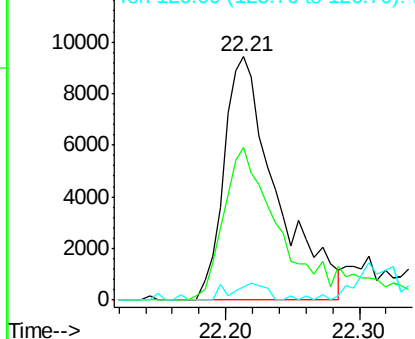
Lab File: BG032716.D

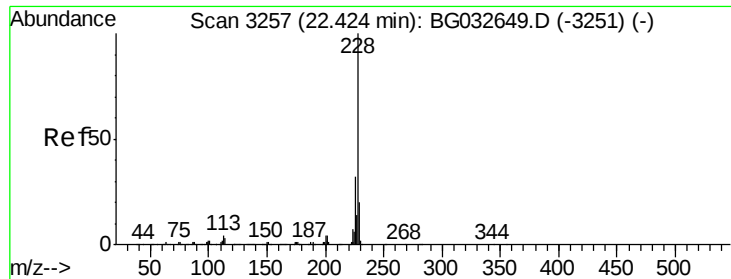
Acq: 15 Feb 2018 16:39

Tgt Ion:	252	Resp:	25732
Ion Ratio	Lower	Upper	
252	100		
254	62.5	50.8	76.2
126	5.2	7.4	11.2#



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





#82

Chrysene

Concen: 40.881 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

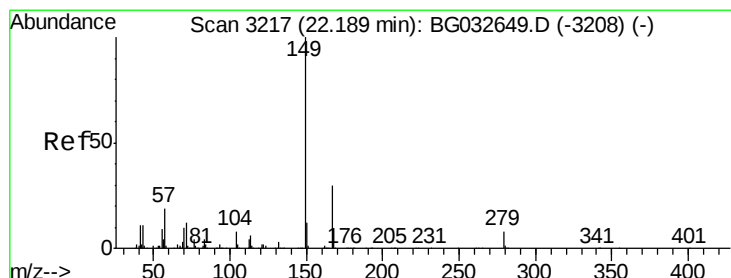
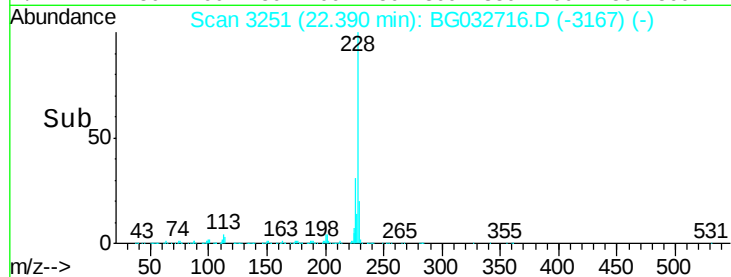
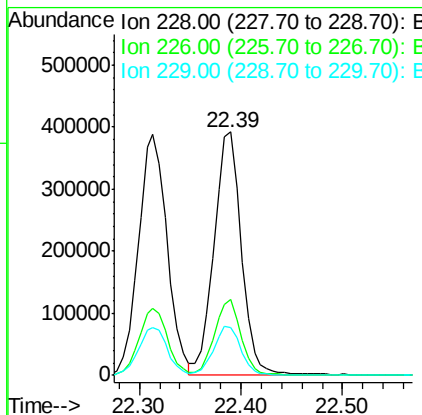
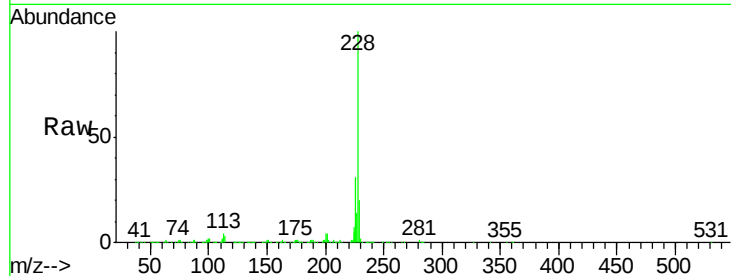
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	228	Resp:	731661
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	19.5	15.0	22.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 42.613 ng

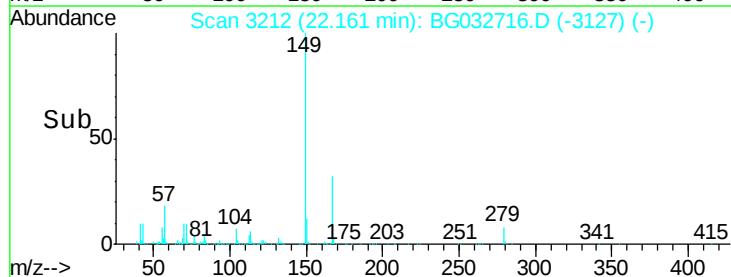
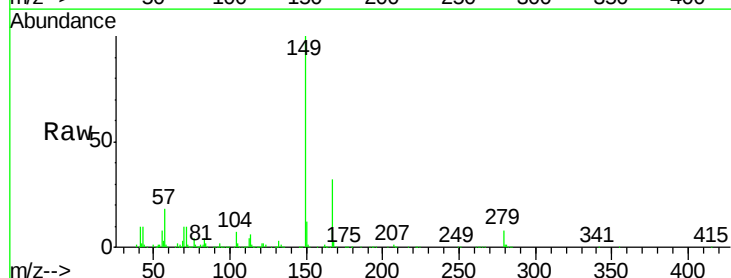
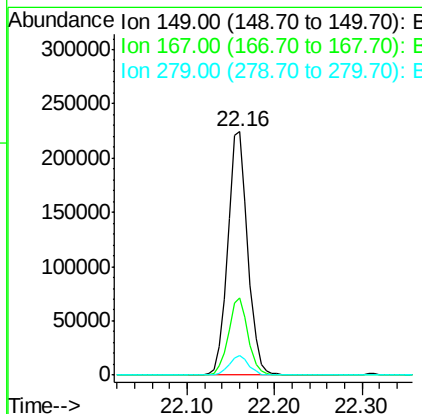
RT: 22.16 min Scan# 3212

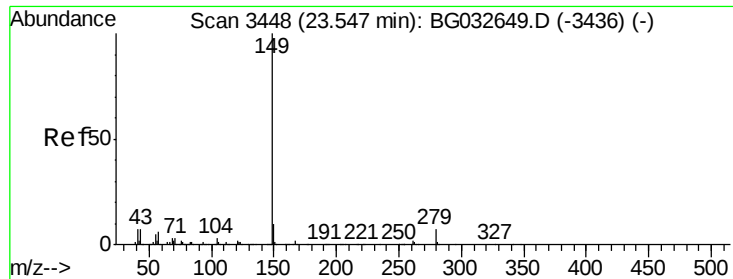
Delta R.T. -0.03 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	149	Resp:	349118
Ion Ratio	Lower	Upper	
149	100		
167	31.6	24.3	36.5
279	8.1	4.0	6.0#





#84

Di-n-octyl phthalate

Concen: 42.672 ng

RT: 23.51 min Scan# 3441

Delta R.T. -0.04 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

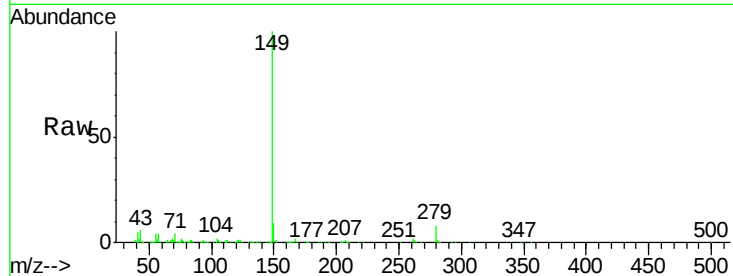
ClientSampleId :

HR-06-021418-AMS

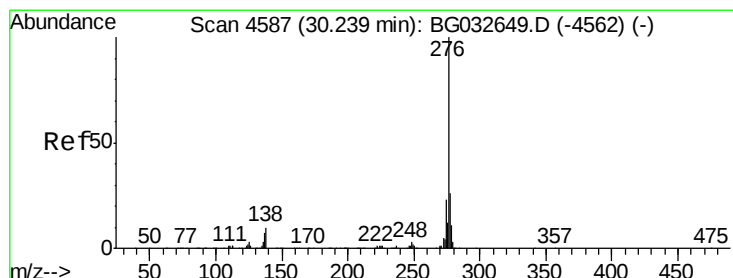
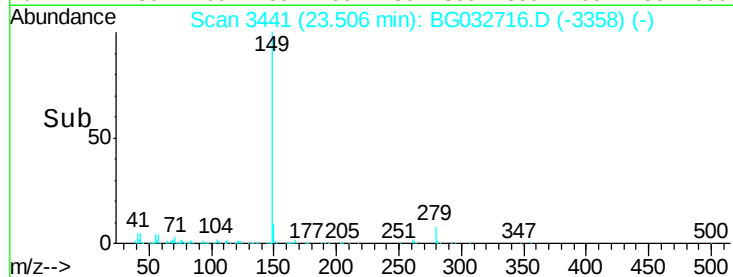
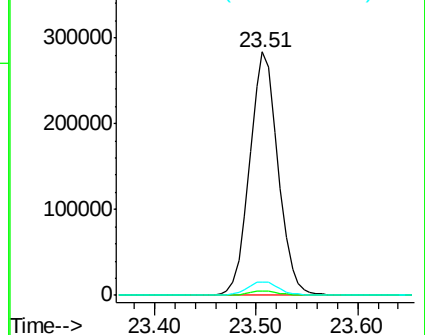
Tot Ion:	149	Resp:	548504
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.1	8.9	13.3#

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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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.404 ng

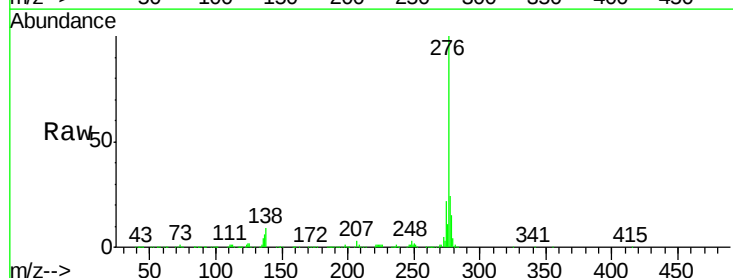
RT: 30.16 min Scan# 4573

Delta R.T. -0.08 min

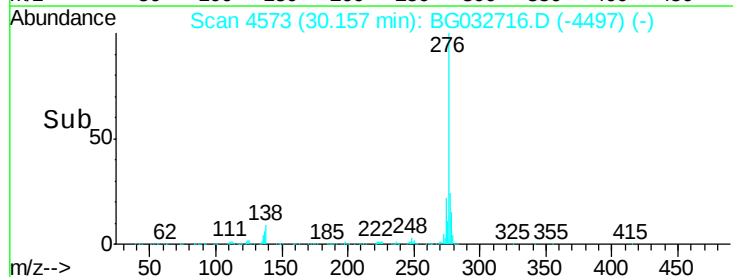
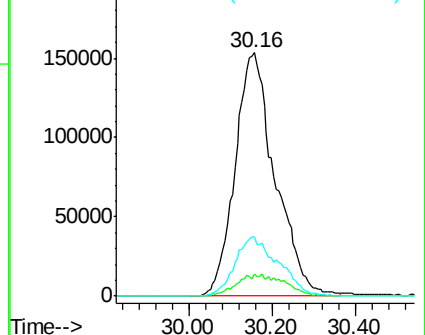
Lab File: BG032716.D

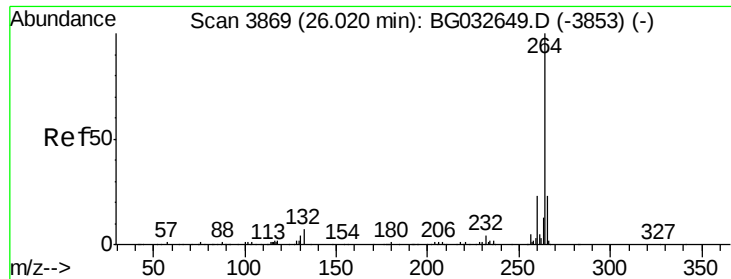
Acq: 15 Feb 2018 16:39

Tgt Ion:	276	Resp:	1026252
Ion Ratio	Lower	Upper	
276	100		
138	3.8	16.0	24.0#
277	26.3	20.0	30.0



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





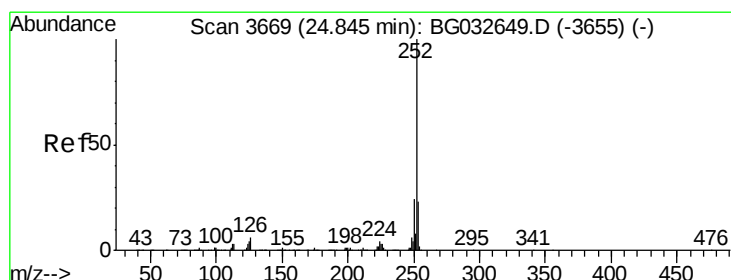
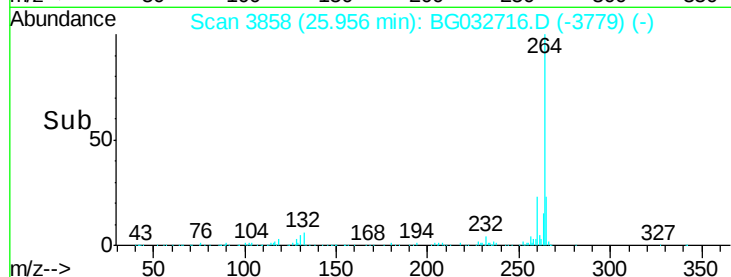
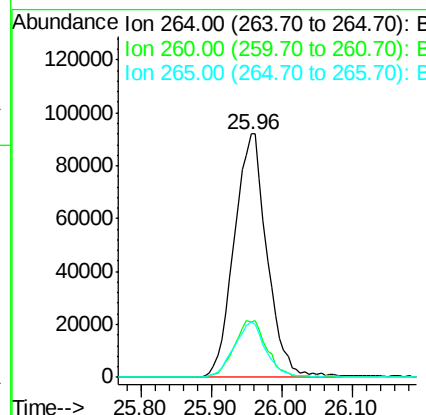
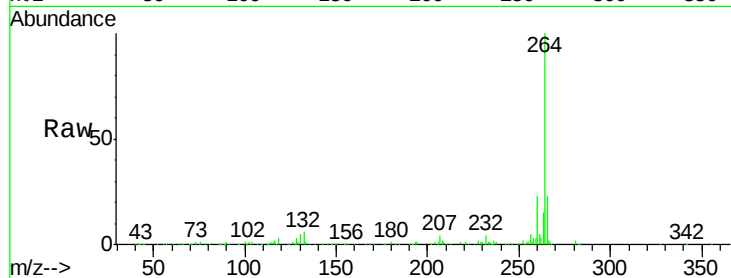
#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3858
Delta R.T. -0.06 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.0	17.4	26.0		
265	22.8	17.7	26.5		

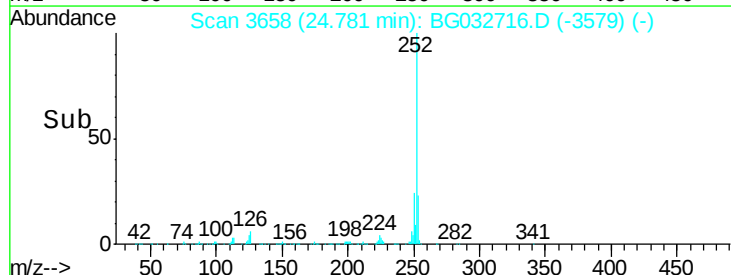
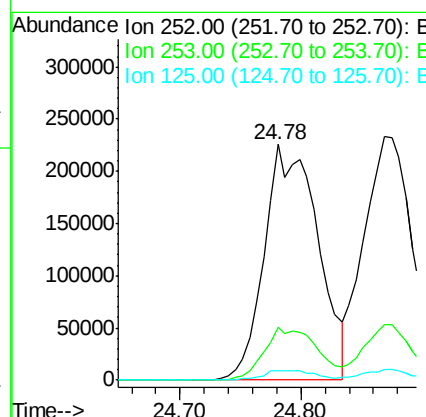
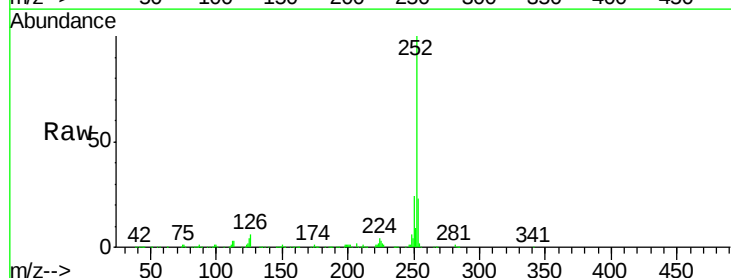
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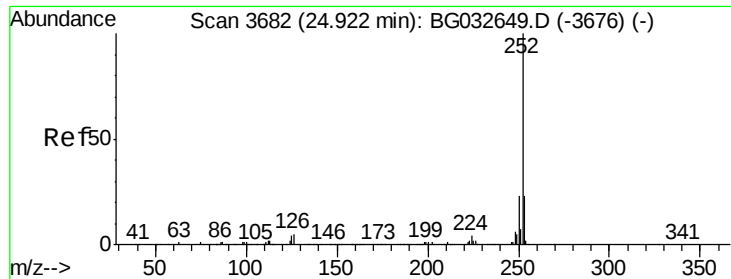
Sohil
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#87
Benzo(b)fluoranthene
Concen: 38.877 ng
RT: 24.78 min Scan# 3658
Delta R.T. -0.06 min
Lab File: BG032716.D
Acq: 15 Feb 2018 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.5	18.2	27.4		
125	3.8	7.2	10.8		





#88

Benzo(k)fluoranthene

Concen: 35.681 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

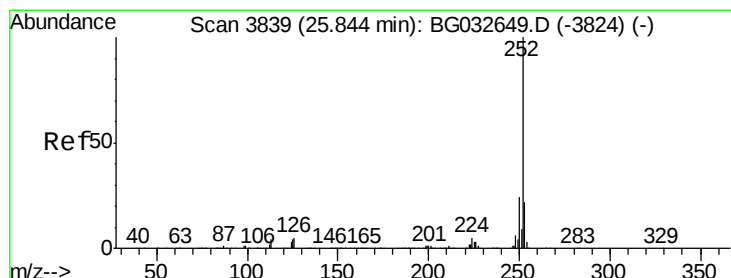
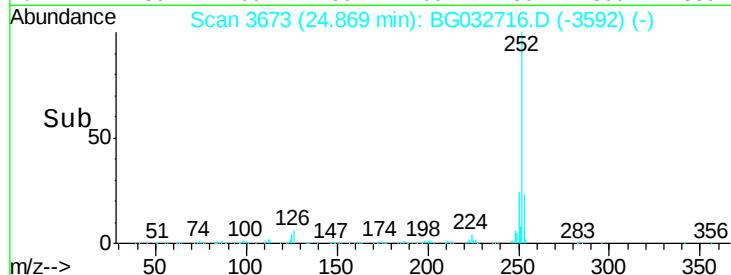
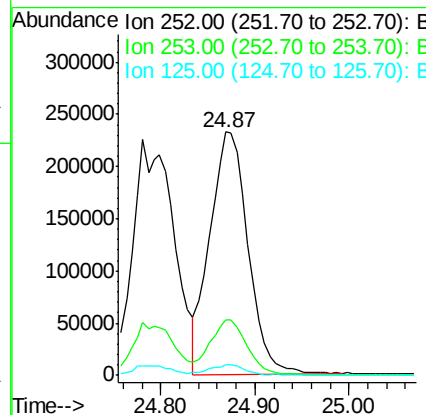
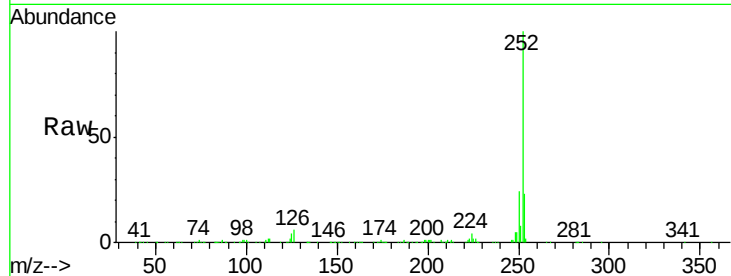
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	252	Resp:	656794
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	4.2	6.6	9.8#

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#89

Benzo(a)pyrene

Concen: 45.298 ng

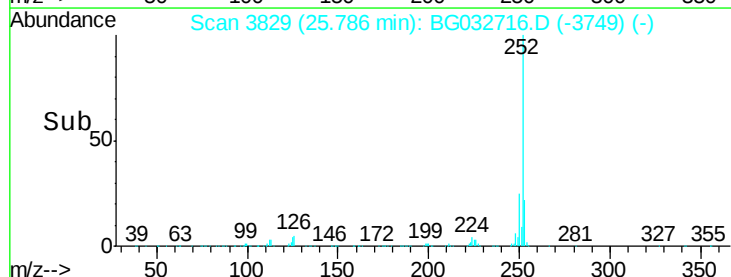
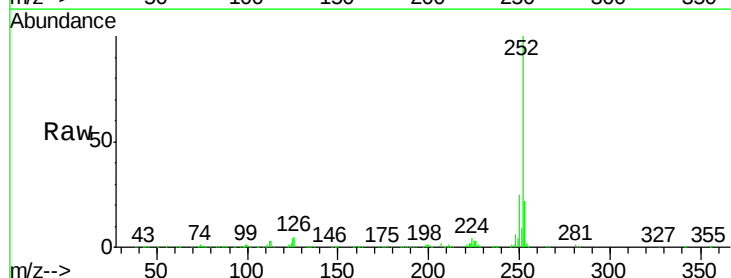
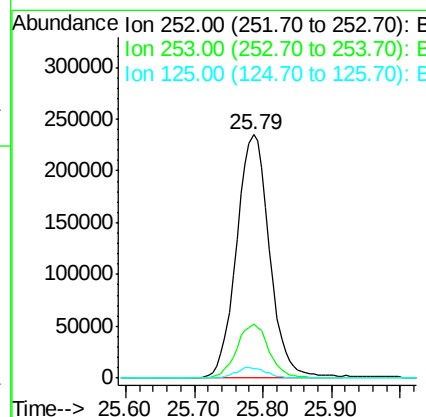
RT: 25.79 min Scan# 3829

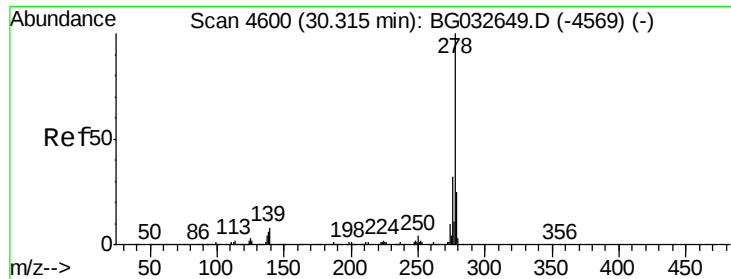
Delta R.T. -0.06 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	252	Resp:	784892
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.3	27.5
125	3.9	7.3	10.9#





#90

Dibenzo(a,h)anthracene

Concen: 50.206 ng

RT: 30.23 min Scan# 4585

Delta R.T. -0.09 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Instrument :

BNA_G

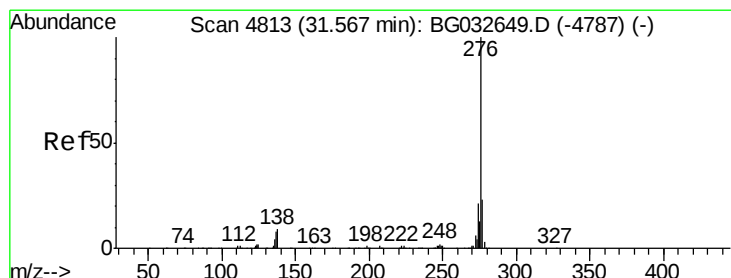
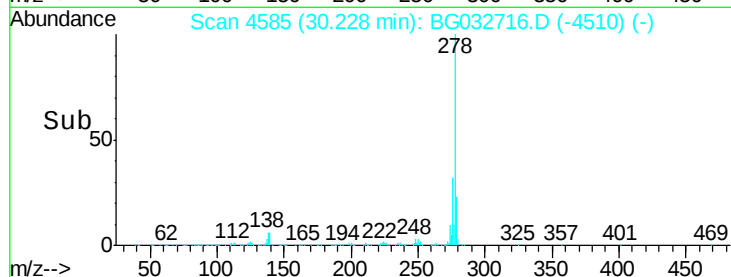
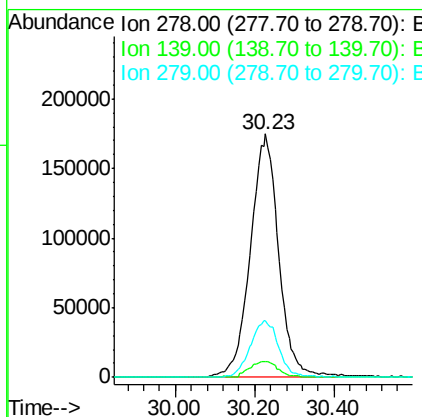
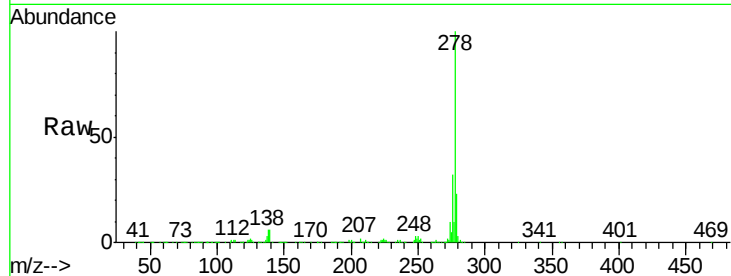
ClientSampleId :

HR-06-021418-AMS

Tot Ion:	278	Resp:	866060
Ion Ratio	Lower	Upper	
278	100		
139	6.3	9.8	14.6#
279	23.2	18.4	27.6

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#91

Benzo(g,h,i)perylene

Concen: 49.339 ng

RT: 31.46 min Scan# 4795

Delta R.T. -0.11 min

Lab File: BG032716.D

Acq: 15 Feb 2018 16:39

Tgt Ion:	276	Resp:	822751
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.3	27.5
138	8.1	13.9	20.9#

