

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032717.D
 Acq On : 15 Feb 2018 17:17
 Operator : SJ/JU
 Sample : J1393-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:27:24 PM

Quant Time: Feb 16 10:43:30 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	25323	20.00	ng	-0.04
21) Naphthalene-d8	11.50	136	110693	20.00	ng	-0.04
38) Acenaphthene-d10	15.28	164	72229	20.00	ng	-0.03
63) Phenanthrene-d10	18.01	188	242493	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	212786	20.00	ng	-0.04
86) Perylene-d12	25.95	264	340143	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	167918	133.04	ng	-0.04
7) Phenol-d6	7.76	99	178881	103.65	ng	-0.04
23) Nitrobenzene-d5	9.83	82	144190	82.79	ng	-0.04
41) 2,4,6-Tribromophenol	16.75	330	187613	168.69	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	538366	93.21	ng	-0.03
78) Terphenyl-d14	20.56	244	1153585	123.56	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.75	88	15156	28.705	ng	# 76
3) Pyridine	4.21	79	30175	22.281	ng	# 86
4) n-Nitrosodimethylamine	4.11	42	25811	40.561	ng	# 68
6) Aniline	7.93	93	22841	11.198	ng	# 95
8) 2-Chlorophenol	8.18	128	66718	45.969	ng	# 82
9) Benzaldehyde	7.73	77	9225	9.045	ng	# 77
10) Phenol	7.78	94	63779	37.998	ng	# 84
11) bis(2-Chloroethyl)ether	8.02	93	56188	41.755	ng	# 82
12) 1,3-Dichlorobenzene	8.51	146	87589	42.790	ng	# 95
13) 1,4-Dichlorobenzene	8.66	146	85418	42.238	ng	# 90
14) 1,2-Dichlorobenzene	9.00	146	90380	44.311	ng	# 95
15) Benzyl Alcohol	8.87	79	63004	48.706	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	9.16	45	43559	30.077	ng	# 70
17) 2-Methylphenol	9.07	107	44270	37.242	ng	# 90
18) Hexachloroethane	9.74	117	33089	44.811	ng	# 84
19) n-Nitroso-di-n-propylamine	9.44	70	43305	37.324	ng	# 88
20) 3+4-Methylphenols	9.41	107	67209	37.409	ng	# 94
22) Acetophenone	9.47	105	92879	39.453	ng	# 94
24) Nitrobenzene	9.87	77	77701	42.609	ng	# 88
25) Isophorone	10.39	82	139730	42.079	ng	# 82
26) 2-Nitrophenol	10.59	139	38541	39.516	ng	# 79
27) 2,4-Dimethylphenol	10.63	122	63327	49.420	ng	# 96
28) bis(2-Chloroethoxy)methane	10.88	93	73336	43.202	ng	# 97
29) 2,4-Dichlorophenol	11.14	162	81614	43.516	ng	# 92
30) 1,2,4-Trichlorobenzene	11.36	180	108097	41.112	ng	# 98
31) Naphthalene	11.56	128	237515	44.190	ng	# 99
32) Benzoic acid	10.76	122	31142	31.942	ng	# 88
33) 4-Chloroaniline	11.66	127	11200	5.252	ng	# 79
34) Hexachlorobutadiene	11.82	225	71476	33.169	ng	# 94
35) Caprolactam	12.41	113	18452	34.645	ng	# 36
36) 4-Chloro-3-methylphenol	12.74	107	79549	47.154	ng	# 90
37) 2-Methylnaphthalene	13.13	142	196213	45.006	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.48	216	150929	44.242	ng	# 96
40) Hexachlorocyclopentadiene	13.46	237	215808	99.962	ng	# 92

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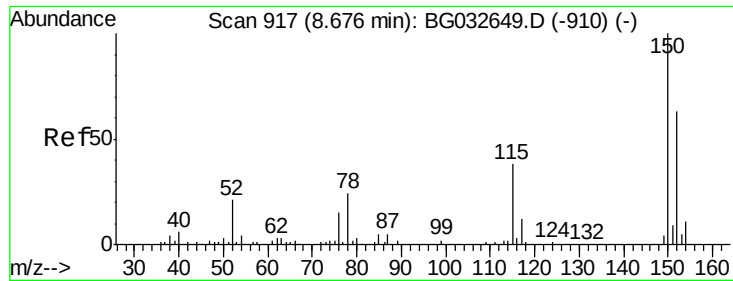
Manual Integrations
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 2/16/2018 2:27:24 PM

Quant Time: Feb 16 10:43:30 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	77999	45.809	nq	98
43) 2,4,5-Trichlorophenol	13.79	196	92264	43.482	nq #	92
45) 1,1'-Biphenyl	14.11	154	242446	40.794	nq	95
46) 2-Chloronaphthalene	14.17	162	193576	41.161	nq	96
47) 2-Nitroaniline	14.36	65	45903	44.872	nq #	72
48) Acenaphthylene	15.00	152	288933	41.760	nq	99
49) Dimethylphthalate	14.71	163	311698	49.924	nq	99
50) 2,6-Dinitrotoluene	14.84	165	55384	43.073	nq #	75
51) Acenaphthene	15.34	154	259839	54.992	nq	99
52) 3-Nitroaniline	15.17	138	13647	12.019	nq #	76
53) 2,4-Dinitrophenol	15.37	184	78426	108.322	nq #	57
54) Dibenzofuran	15.66	168	357439	50.845	nq	96
55) 4-Nitrophenol	15.46	139	91536	106.726	nq #	79
56) 2,4-Dinitrotoluene	15.62	165	90972	51.347	nq #	70
57) Fluorene	16.31	166	243434	42.107	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.89	232	115600	57.865	nq #	84
59) Diethylphthalate	16.05	149	235939	38.838	nq	97
60) 4-Chlorophenyl-phenylether	16.29	204	151547	39.702	nq	93
61) 4-Nitroaniline	16.33	138	31225	26.672	nq	82
62) Azobenzene	16.59	77	155582	39.862	nq	84
64) 4,6-Dinitro-2-methylphenol	16.38	198	51247	31.037	nq #	68
65) n-Nitrosodiphenylamine	16.50	169	223933	31.487	nq	100
66) 4-Bromophenyl-phenylether	17.19	248	115475	33.274	nq	94
67) Hexachlorobenzene	17.31	284	132100	35.440	nq #	92
68) Atrazine	17.43	200	99383	32.580	nq	98
69) Pentachlorophenol	17.65	266	191204	83.791	nq	94
70) Phenanthrene	18.06	178	539264	41.398	nq	99
71) Anthracene	18.14	178	469657	35.237	nq	99
72) Carbazole	18.41	167	475273	41.822	nq	100
73) Di-n-butylphthalate	18.92	149	546922	42.744	nq	99
74) Fluoranthene	20.02	202	719724	41.387	nq	94
76) Benzidine	20.25	184	22837m	4.558	nq	
77) Pyrene	20.38	202	605636	47.842	nq	98
79) Butylbenzylphthalate	21.24	149	226696	54.361	nq #	81
80) Benzo(a)anthracene	22.31	228	551810	41.418	nq	99
81) 3,3'-Dichlorobenzidine	22.21	252	86904	17.466	nq #	96
82) Chrysene	22.39	228	525489	40.001	nq	97
83) Bis(2-ethylhexyl)phthalate	22.16	149	341702	56.821	nq #	96
84) Di-n-octyl phthalate	23.51	149	605812	64.210	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.14	276	853162	54.822	nq #	82
87) Benzo(b)fluoranthene	24.79	252	855942	42.225	nq #	95
88) Benzo(k)fluoranthene	24.87	252	860294	41.008	nq #	96
89) Benzo(a)pyrene	25.78	252	821383	41.593	nq #	96
90) Dibenzo(a,h)anthracene	30.22	278	756856	38.497	nq #	95
91) Benzo(g,h,i)perylene	31.46	276	790090	41.573	nq #	90

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



#1

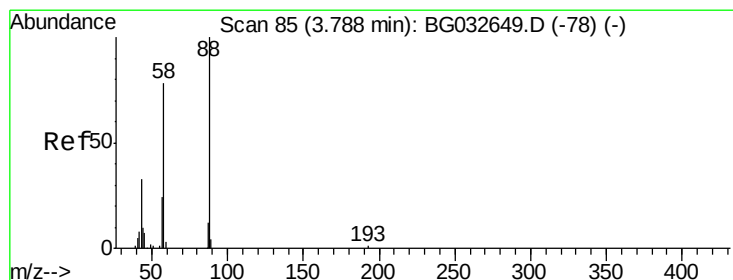
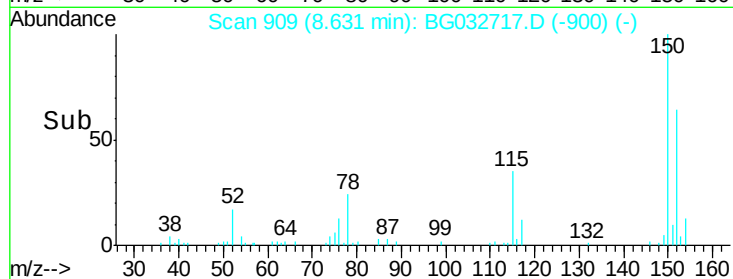
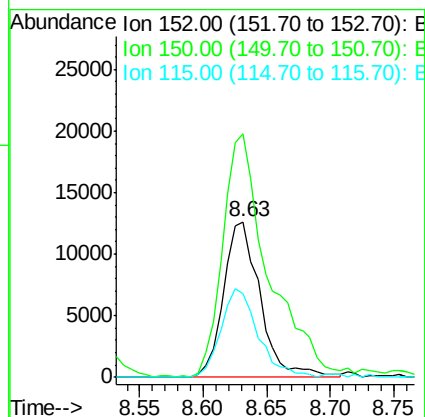
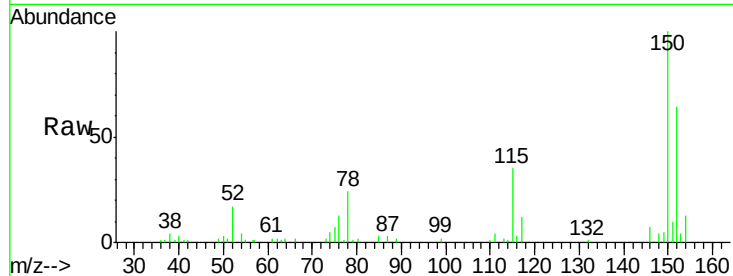
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	54.1	53.0	79.4

Manual Integrations
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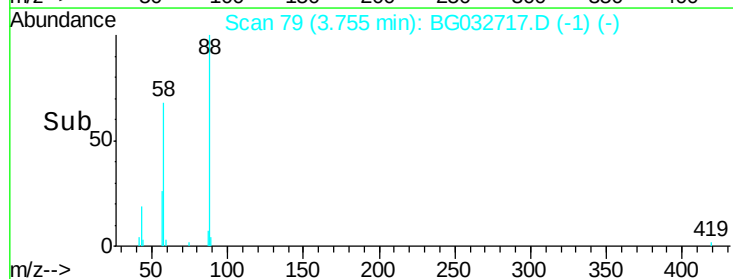
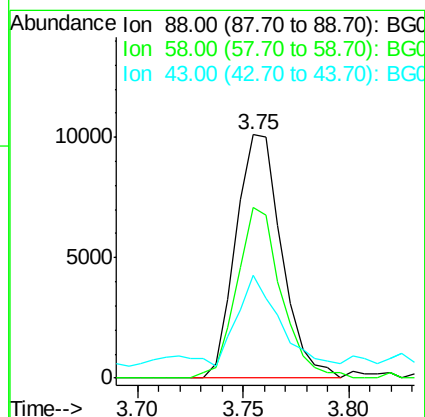
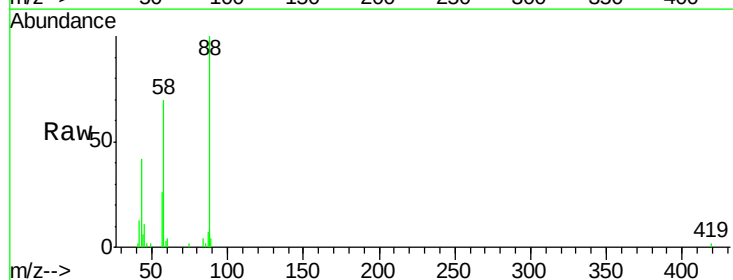
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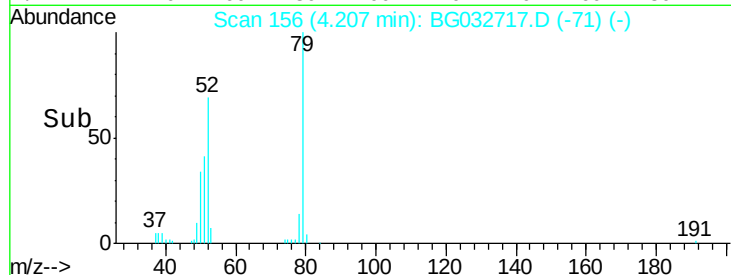
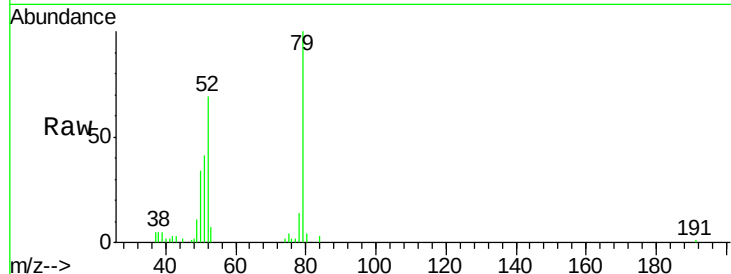
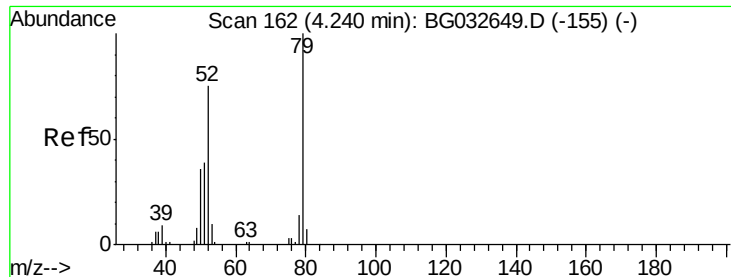


#2

1,4-Dioxane
Concen: 28.705 ng
RT: 3.75 min Scan# 79
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	79.6	119.4#
43	33.9	27.4	41.0





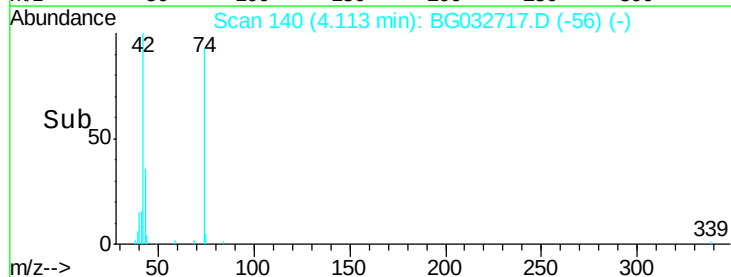
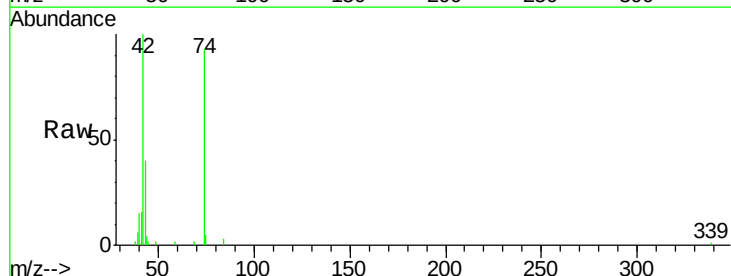
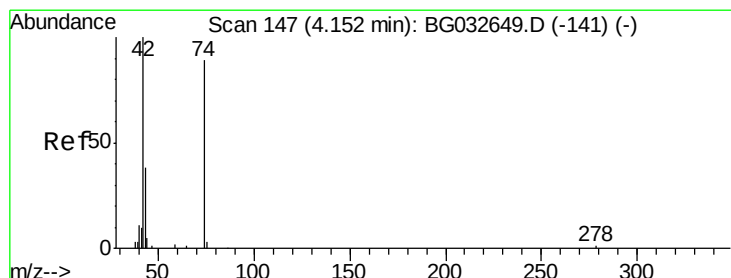
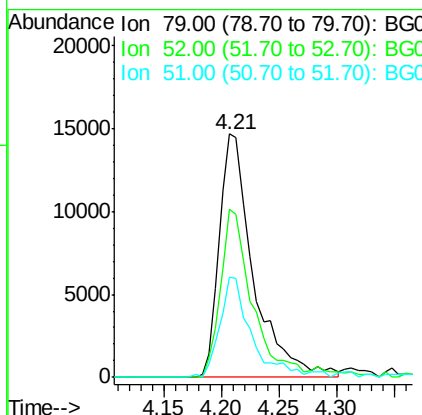
#3
 Pvridine
 Concen: 22.281 ng
 RT: 4.21 min Scan# 156
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	69.2		69.9	104.9#
51	41.0		34.0	51.0

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

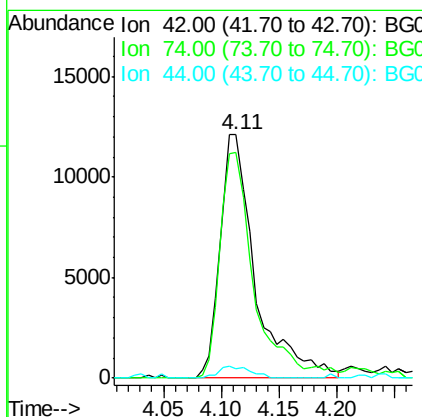
Manual Integrations
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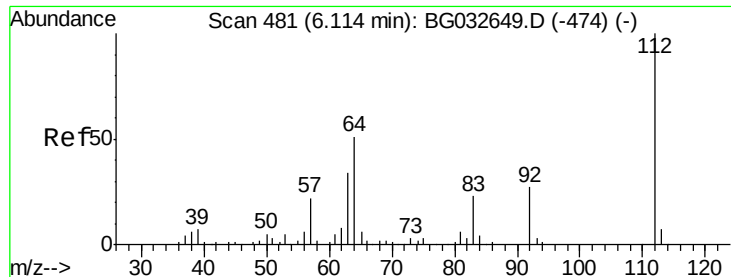
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#4
 n-Nitrosodimethylamine
 Concen: 40.561 ng
 RT: 4.11 min Scan# 140
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	92.9		102.5	153.7#
44	3.9		18.9	28.3#





#5

2-Fluorophenol

Concen: 133.042 ng

RT: 6.08 min Scan# 474

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

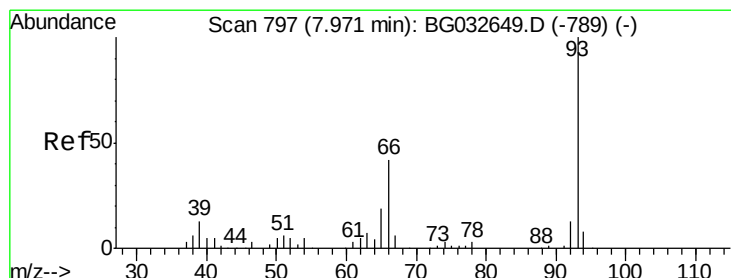
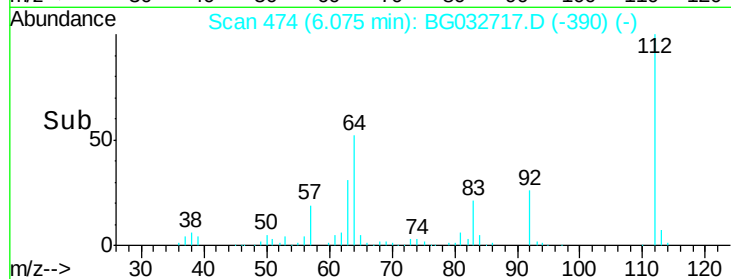
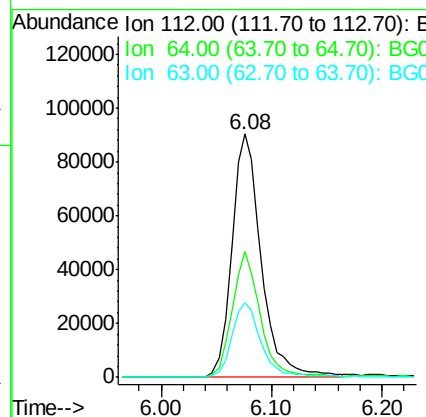
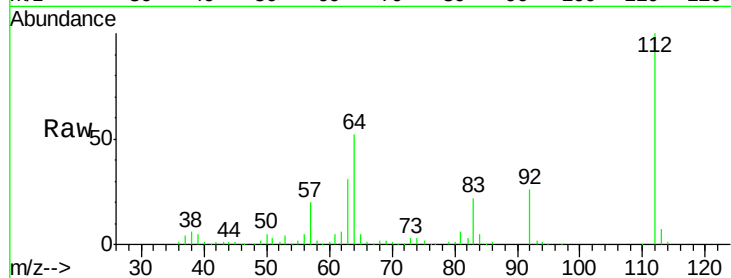
ClientSampleId :

HR-06-021418-AMSD

Tot Ion:	112	Resp:	167918
Ion Ratio	Lower	Upper	
112	100		
64	51.9	56.3	84.5#
63	30.7	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 11.198 ng

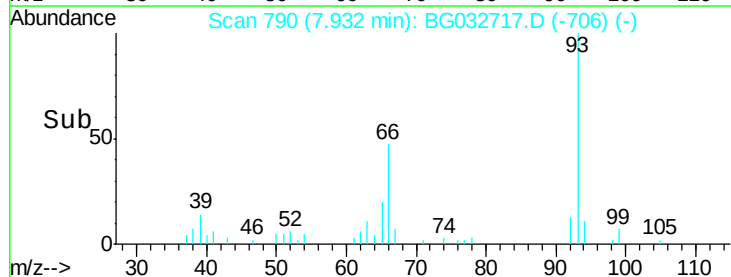
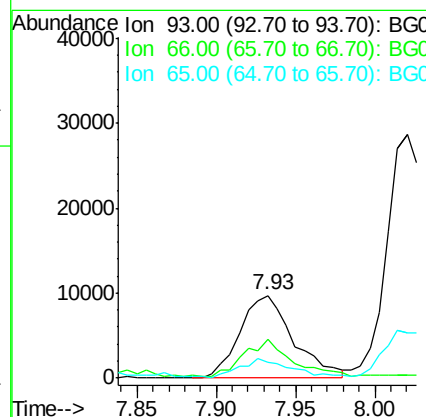
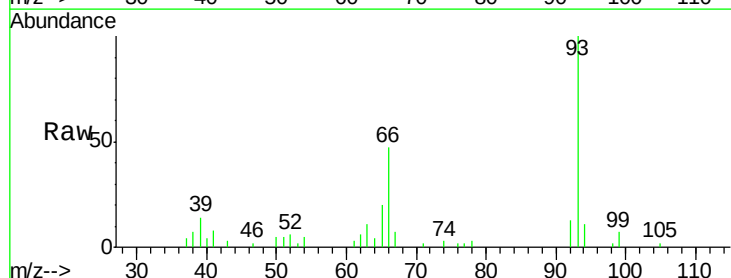
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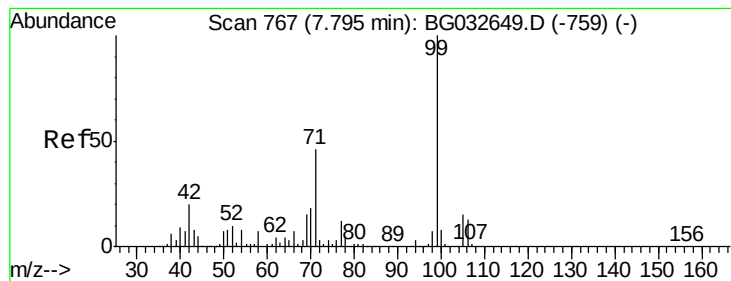
Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion:	93	Resp:	22841
Ion Ratio	Lower	Upper	
93	100		
66	46.9	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 103.648 ng

RT: 7.76 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

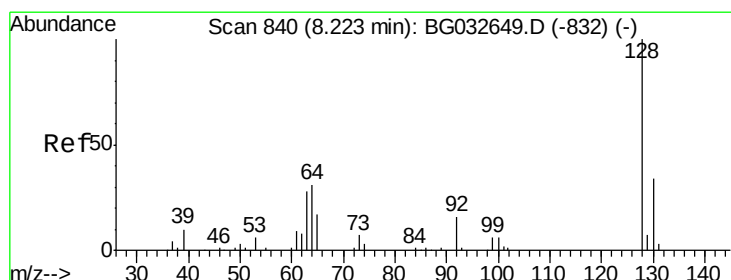
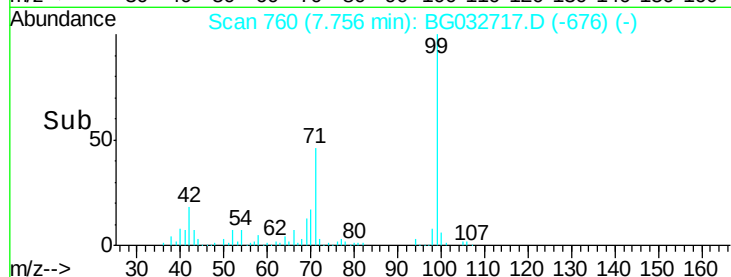
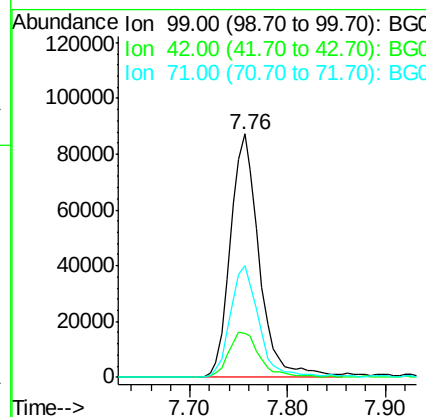
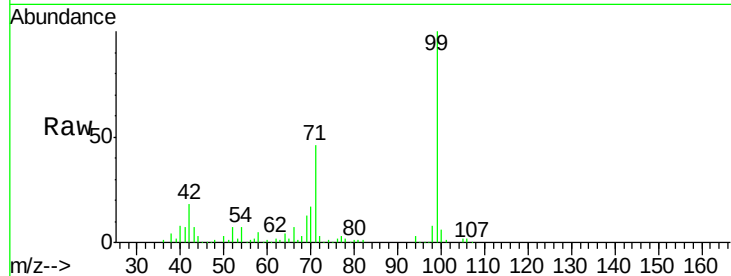
ClientSampleId :

HR-06-021418-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		178881		
42	18.1	14.1	21.1		
71	46.1	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 45.969 ng

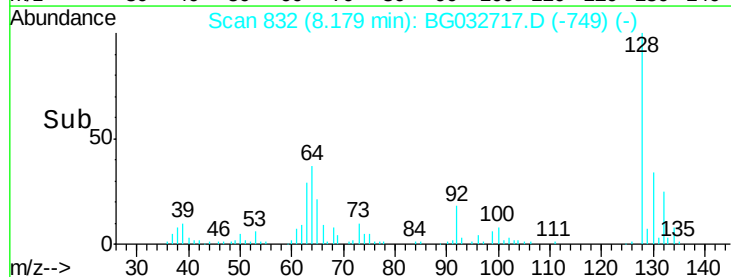
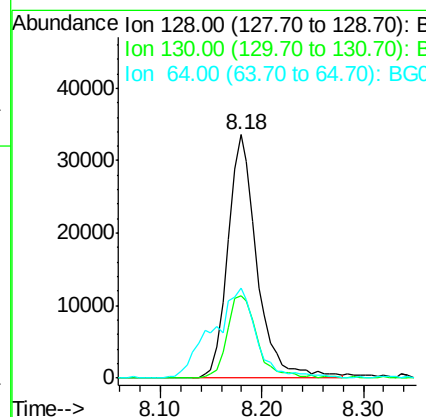
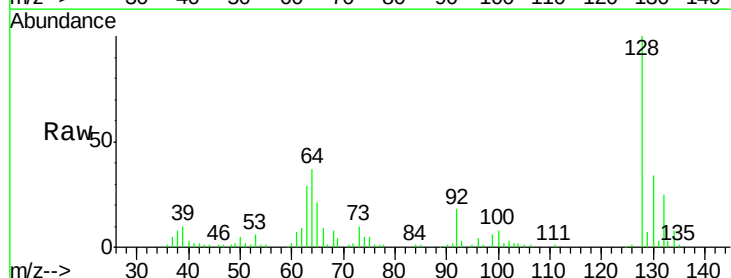
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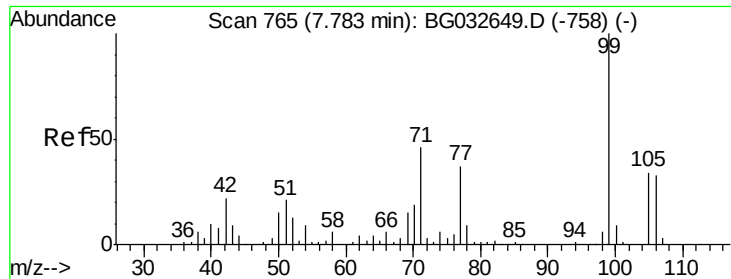
Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		66718		
130	33.9	14.0	54.0		
64	37.1	37.7	77.7#		





#9

Benzaldehyde

Concen: 9.045 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.05 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

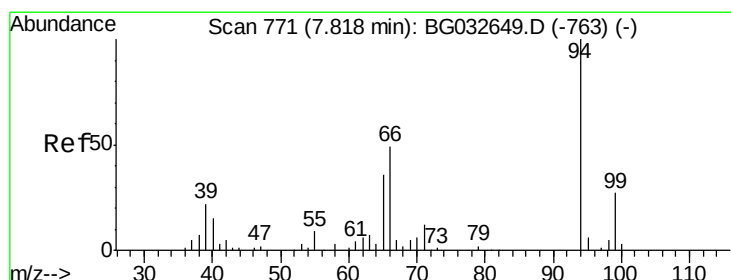
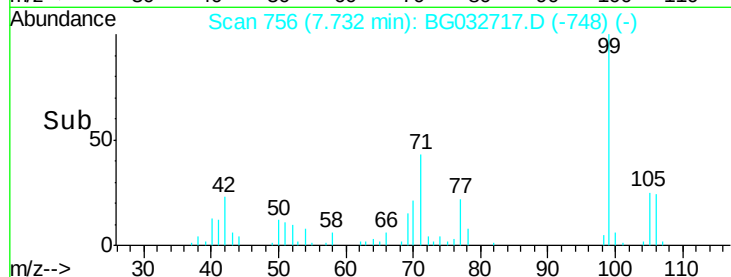
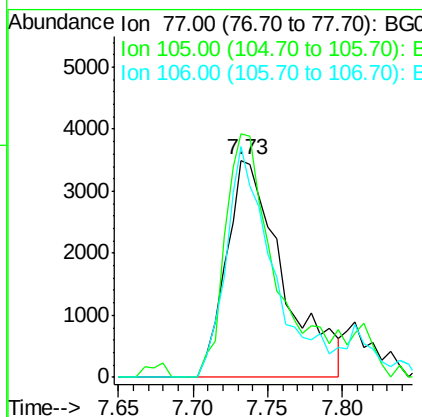
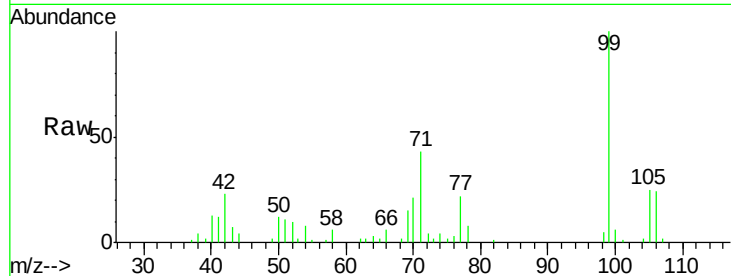
ClientSampleID :

HR-06-021418-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	112.3	71.3	111.3#
106	106.6	64.2	104.2#

Manual Integrations
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#10

Phenol

Concen: 37.998 ng

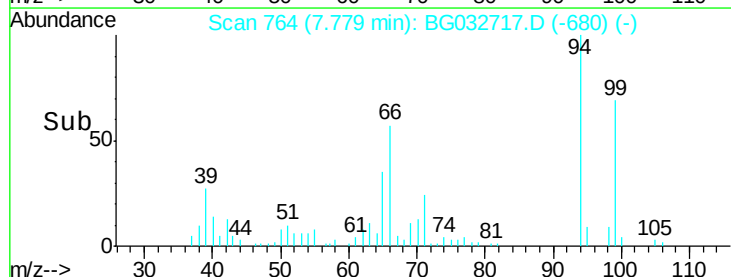
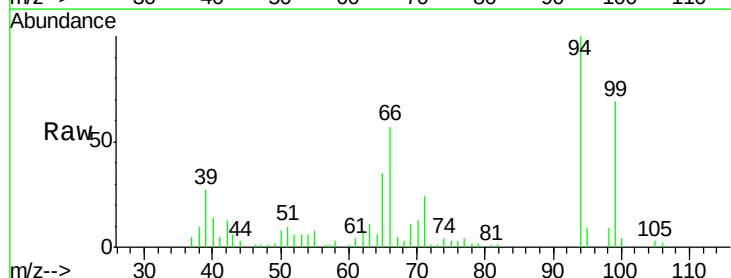
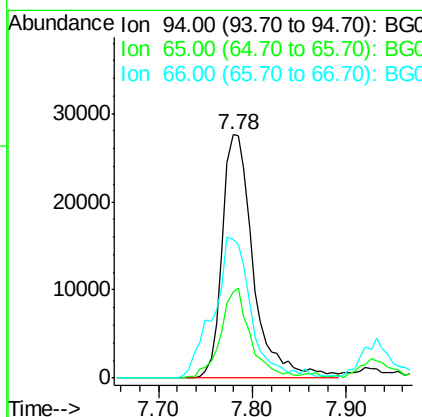
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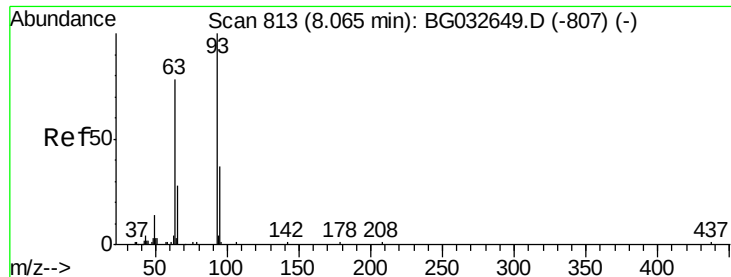
Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.2	11.9	51.9
66	56.7	22.2	62.2





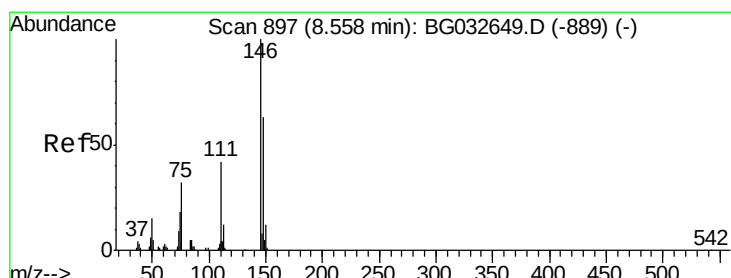
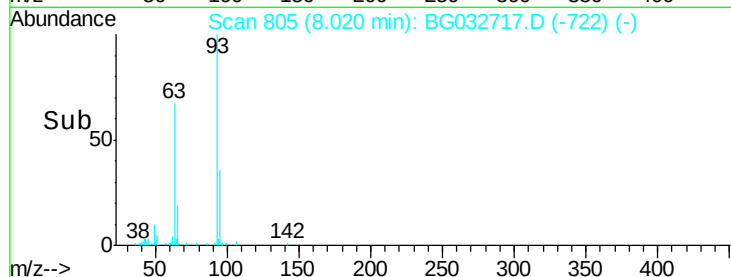
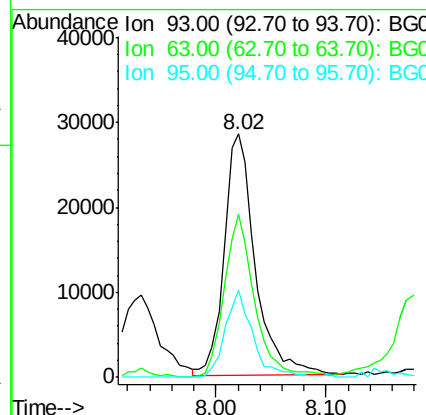
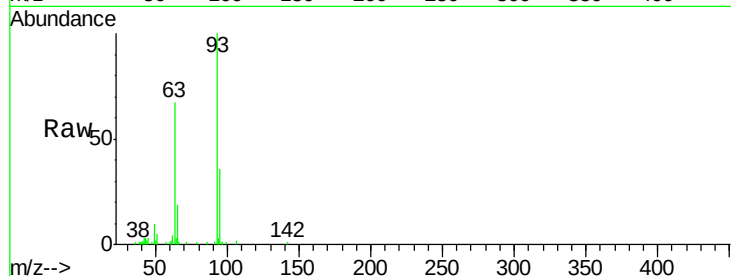
#11
bis(2-Chloroethyl)ether
Concen: 41.755 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.1	67.1	107.1#
95	35.9	11.5	51.5

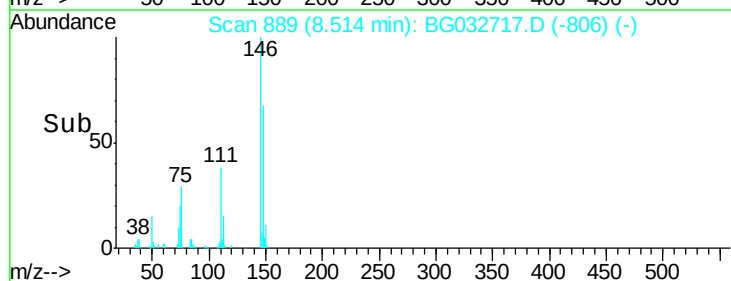
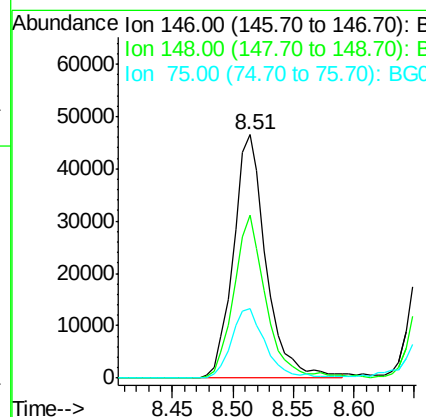
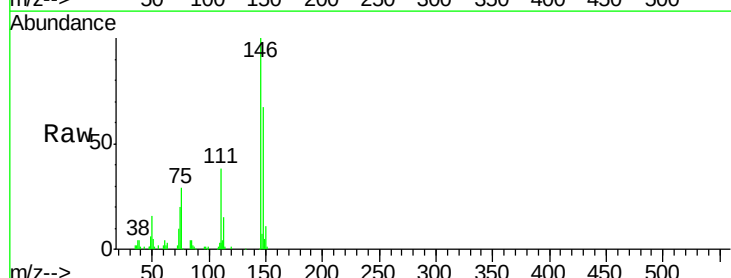
Manual Integrations
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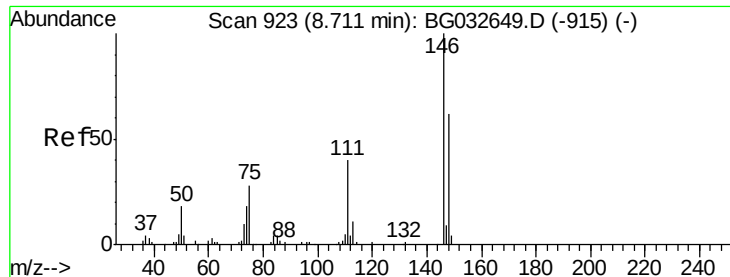
Sohil
2/16/2018 2:27:24 PM



#12
1,3-Dichlorobenzene
Concen: 42.790 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.4	77.2
75	28.8	26.6	39.8





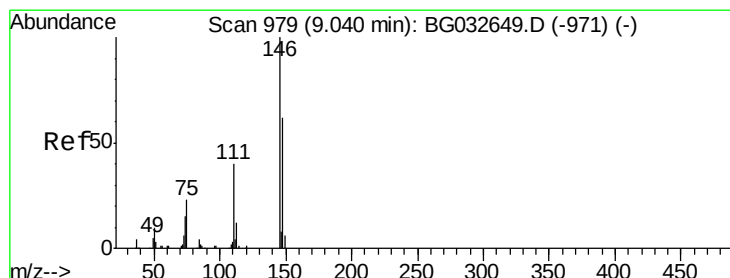
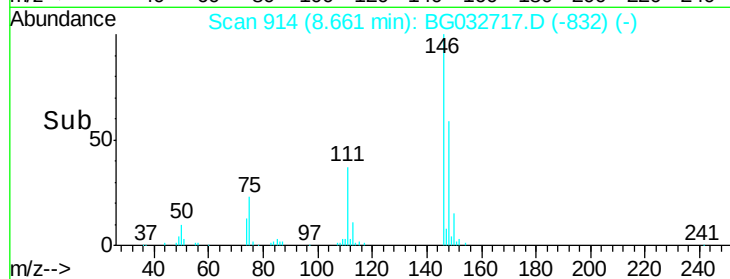
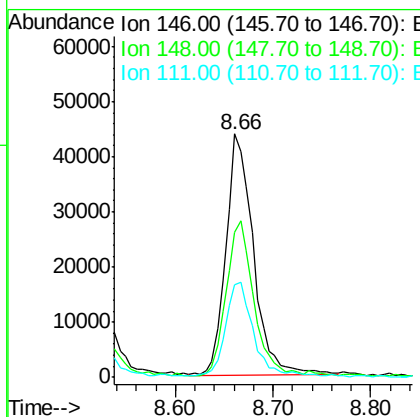
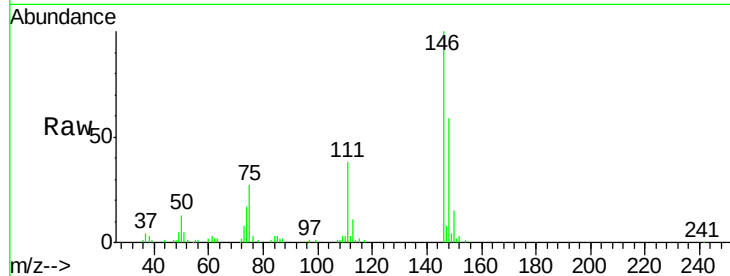
#13
 1,4-Dichlorobenzene
 Concen: 42.238 ng
 RT: 8.66 min Scan# 914
 Delta R.T. -0.05 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.4	53.7	80.5
111	37.9	35.2	52.8

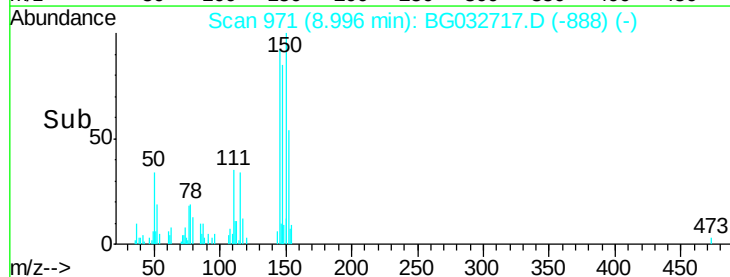
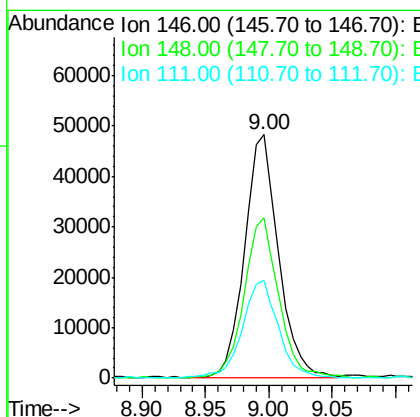
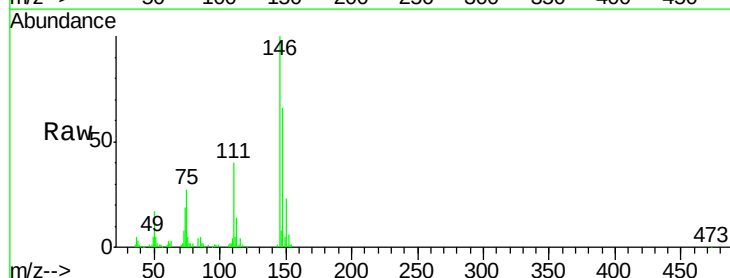
Manual Integrations
 APPROVED

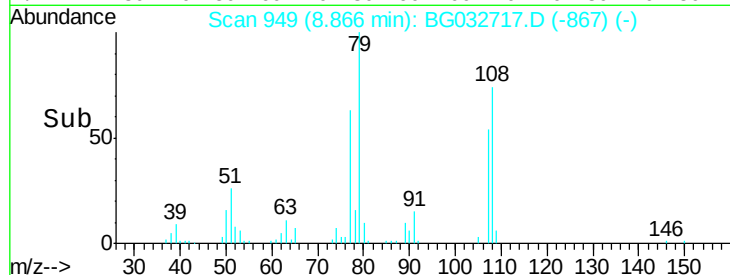
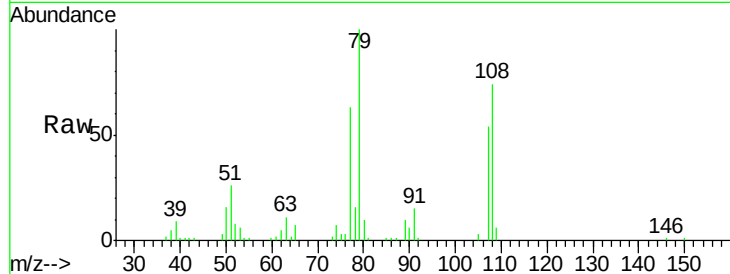
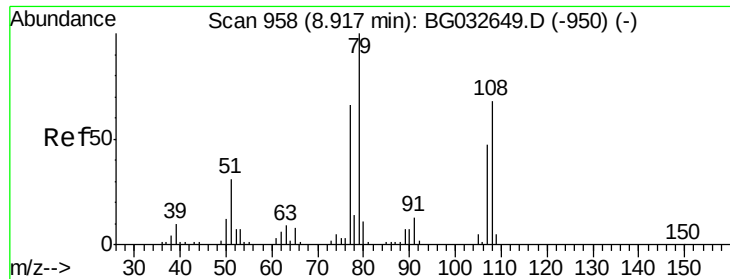
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 44.311 ng
 RT: 9.00 min Scan# 971
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	49.3	73.9
111	40.3	34.3	51.5





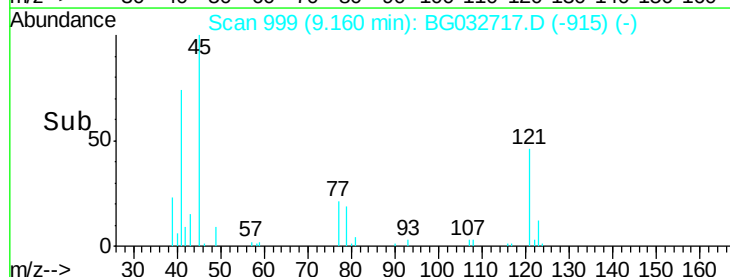
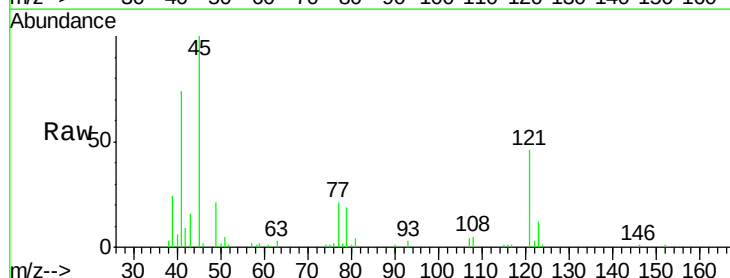
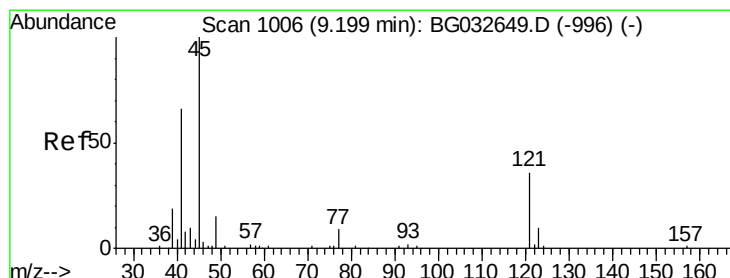
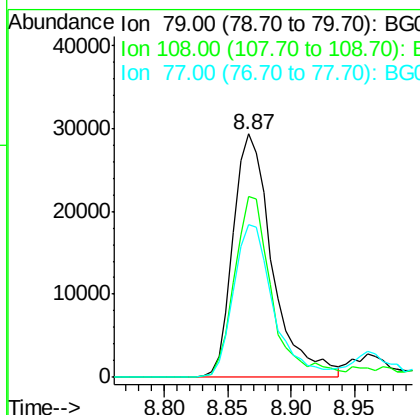
#15
Benzyl Alcohol
Concen: 48.706 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.05 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	57.2	85.8
77	62.5	46.1	69.1

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

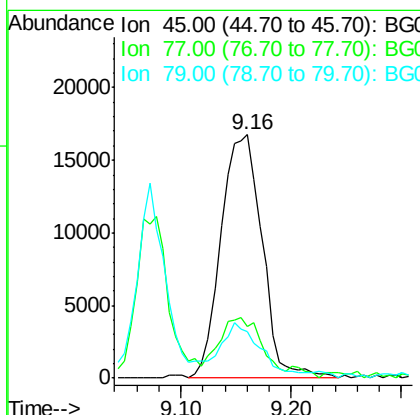
Manual Integrations
APPROVED

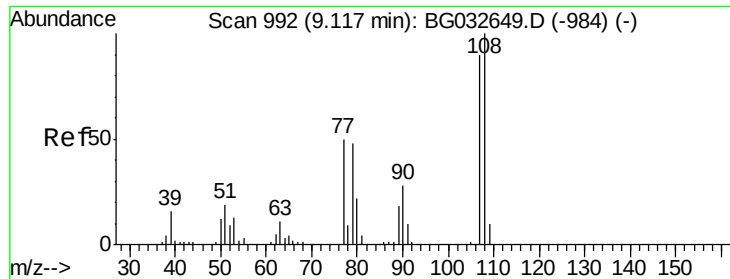
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.077 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.0	30.2
79	19.0	0.0	27.9





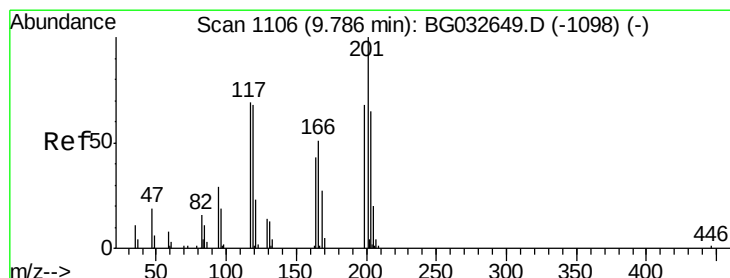
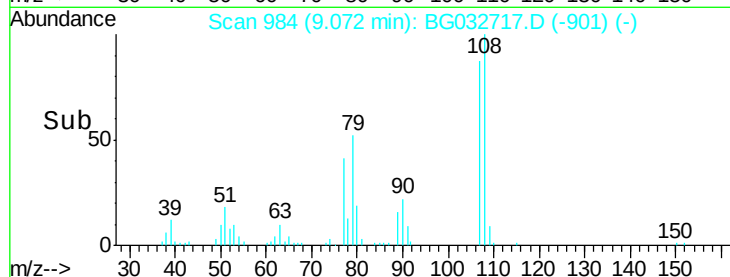
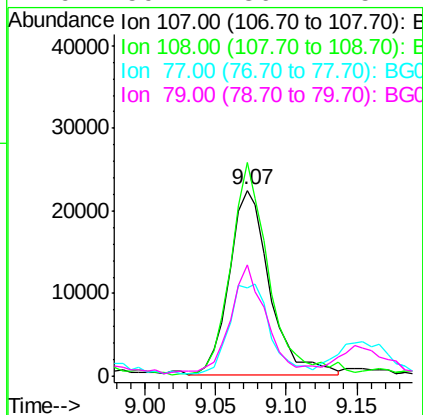
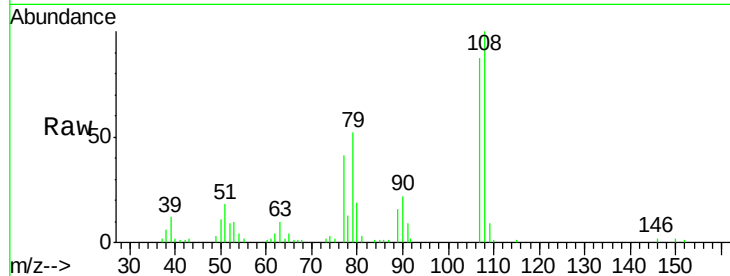
#17
2-Methylphenol
Concen: 37.242 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	107	Resp	44270
Ion Ratio	Lower	Upper	
107	100		
108	114.8	83.9	125.9
77	47.1	37.2	55.8
79	59.7	36.2	54.2#

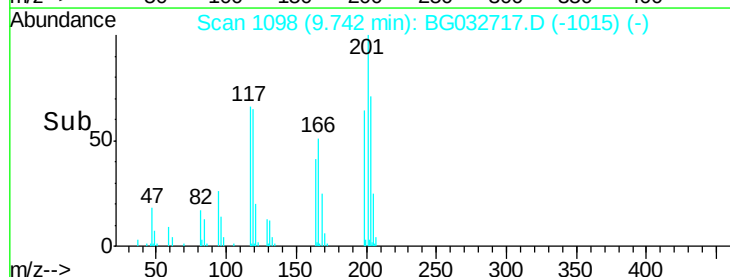
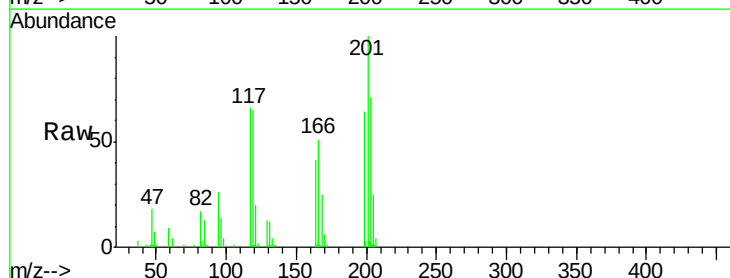
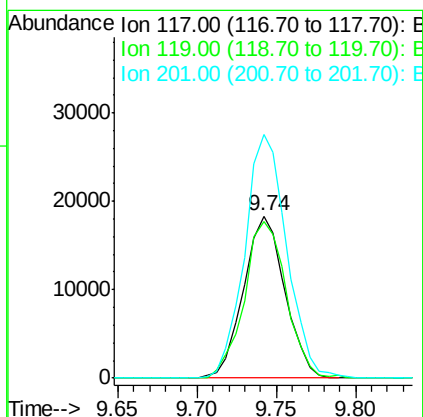
Manual Integrations
APPROVED

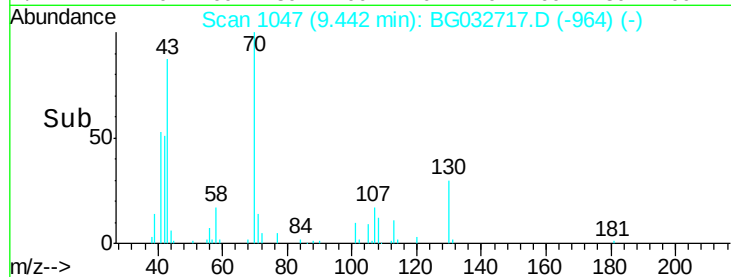
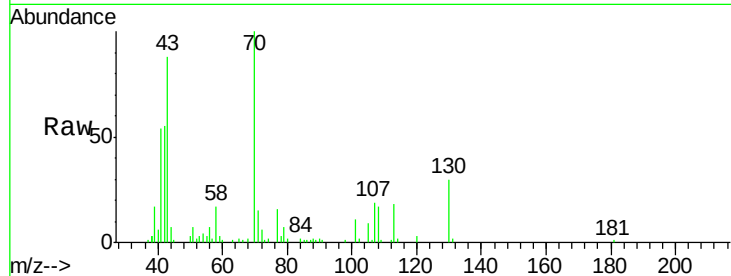
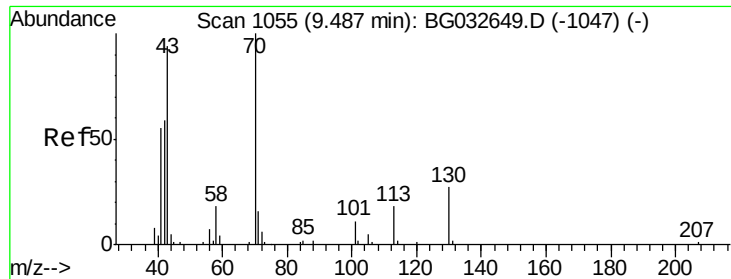
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#18
Hexachloroethane
Concen: 44.811 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	117	Resp	33089
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.7	115.1
201	150.5	95.7	143.5#





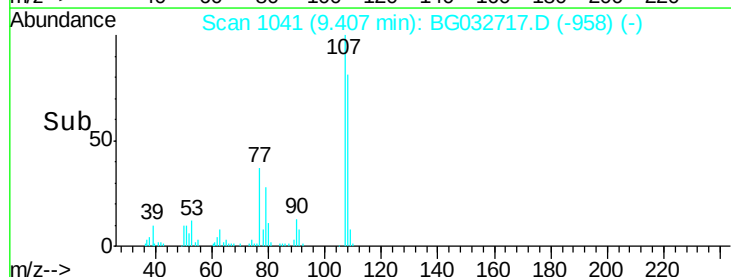
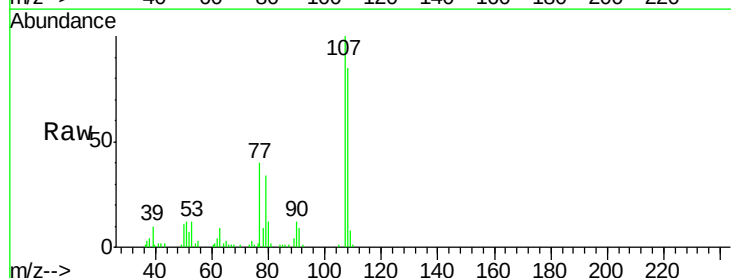
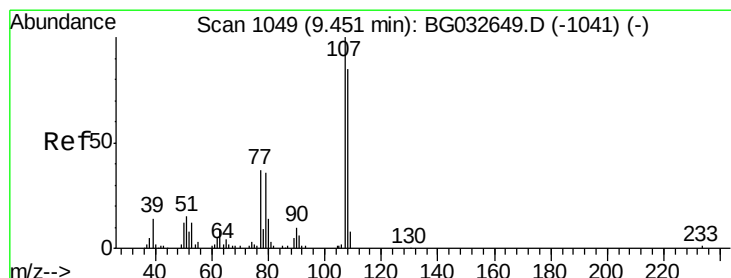
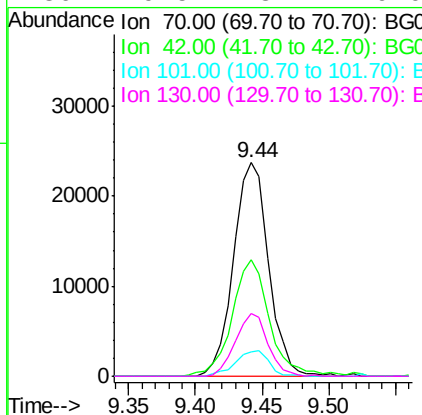
#19
n-Nitroso-di-n-propylamine
Concen: 37.324 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.1	73.7
101	11.4	8.5	12.7
130	29.5	13.4	20.0

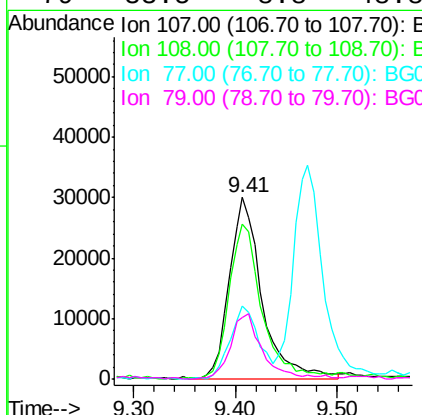
Manual Integrations
APPROVED

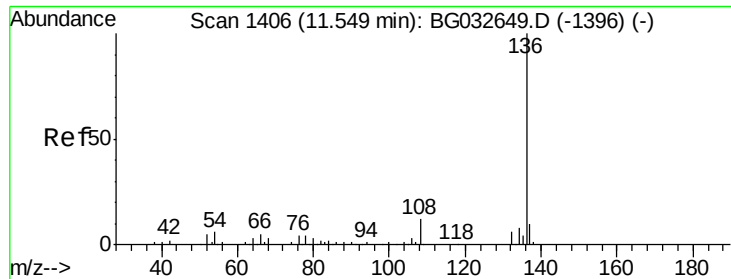
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#20
3+4-Methylphenols
Concen: 37.409 ng
RT: 9.41 min Scan# 1041
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	61.6	101.6
77	40.2	13.9	53.9
79	33.5	8.8	48.8





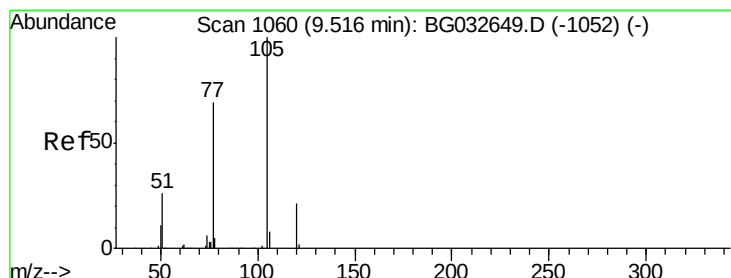
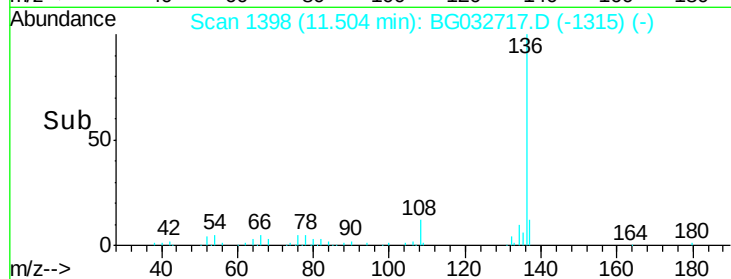
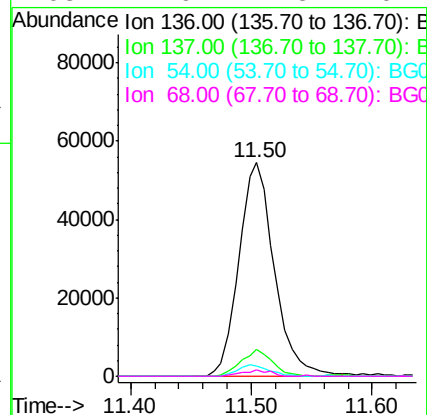
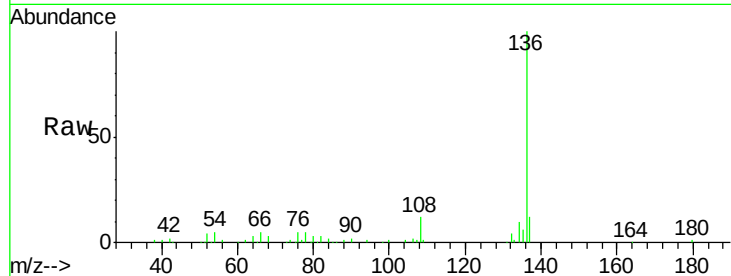
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	110693		
137	12.3	9.2	13.8	
54	4.7	10.3	15.5	
68	2.9	4.5	6.7	

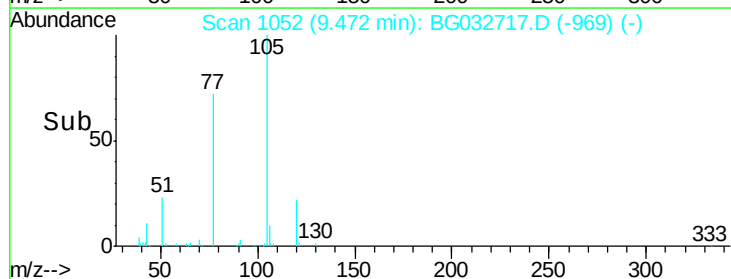
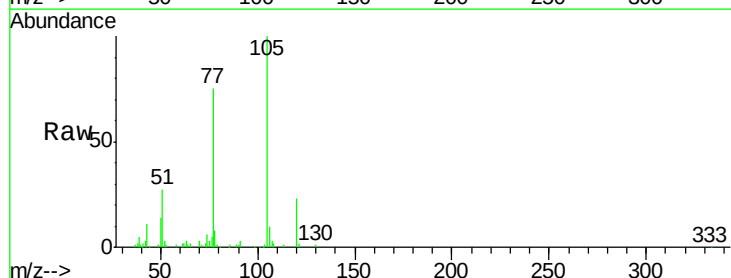
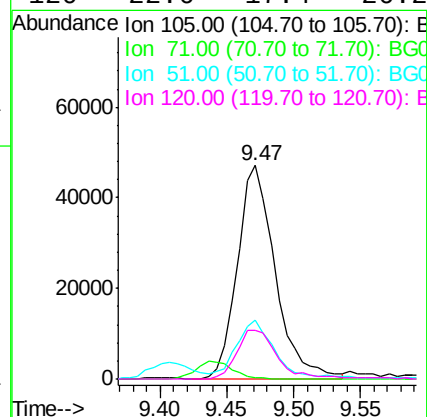
Manual Integrations
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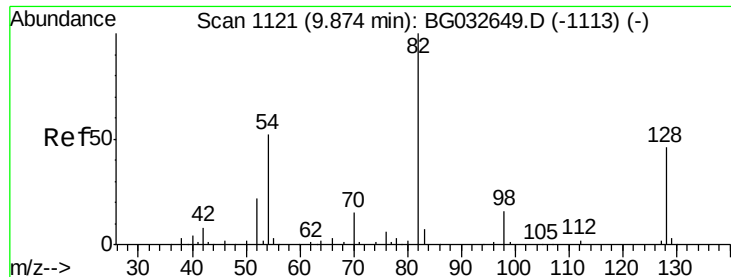
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#22
Acetophenone
Concen: 39.453 ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	92879		
71	0.6	3.0	4.4	
51	27.5	26.1	39.1	
120	22.6	17.4	26.2	





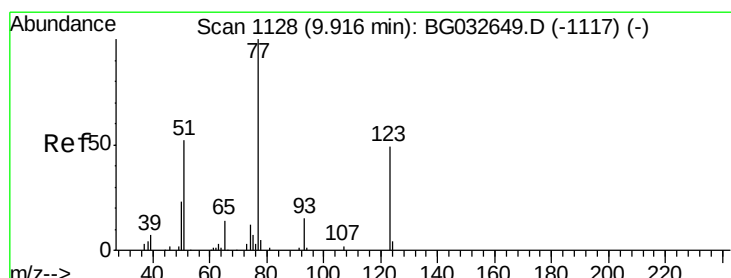
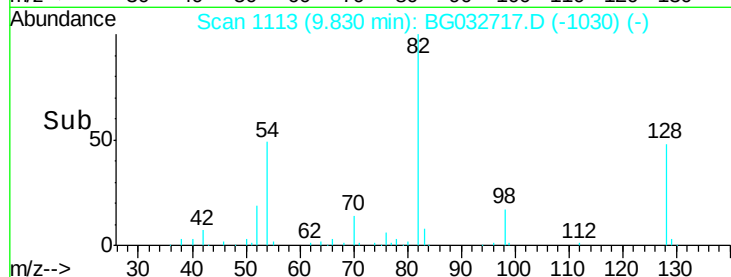
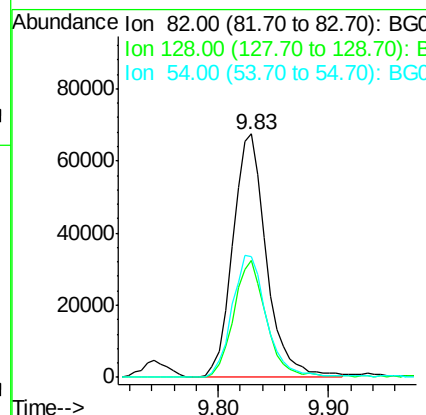
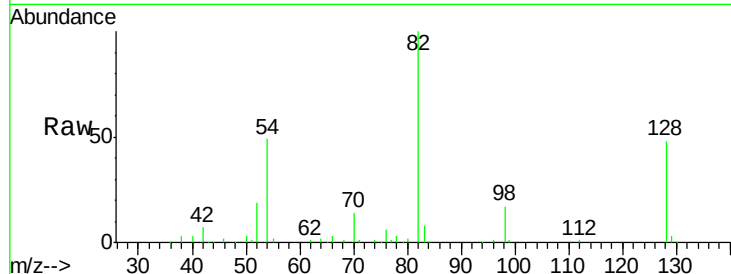
#23
Nitrobenzene-d5
Concen: 82.788 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	29.7	44.5#	
54	49.3	43.1	64.7	

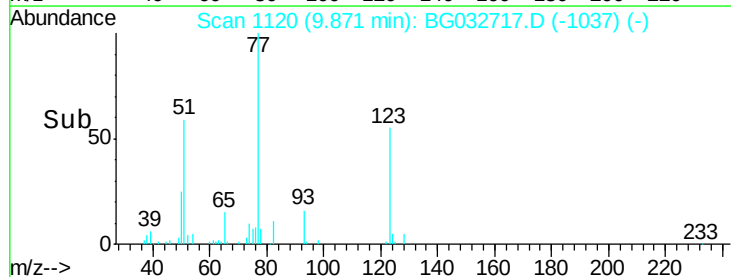
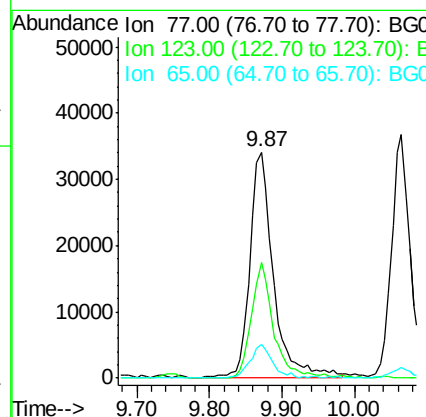
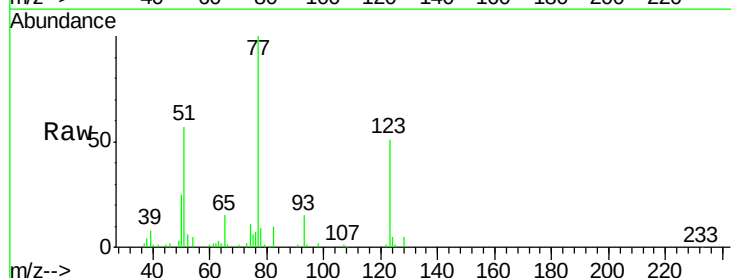
Manual Integrations
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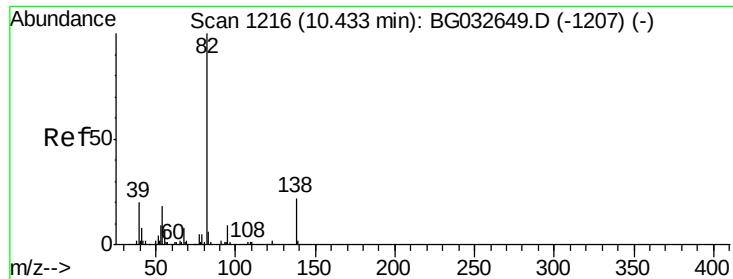
Sohil
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#24
Nitrobenzene
Concen: 42.609 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	33.0	49.6#	
65	14.7	13.0	19.6	





#25

Isophorone

Concen: 42.079 ng

RT: 10.39 min Scan# 1208

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

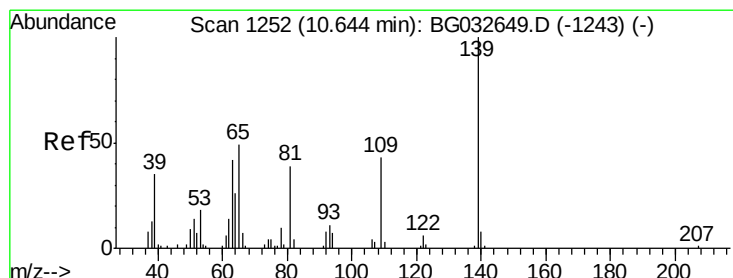
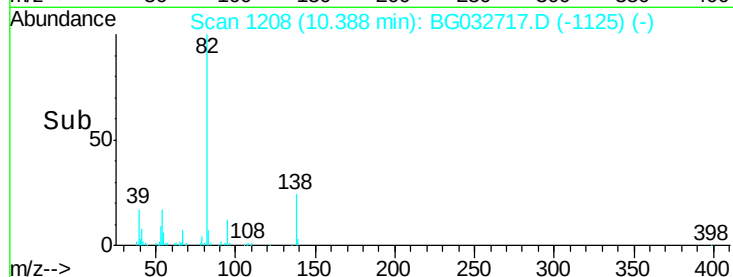
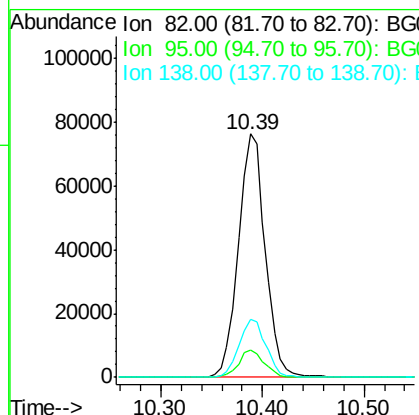
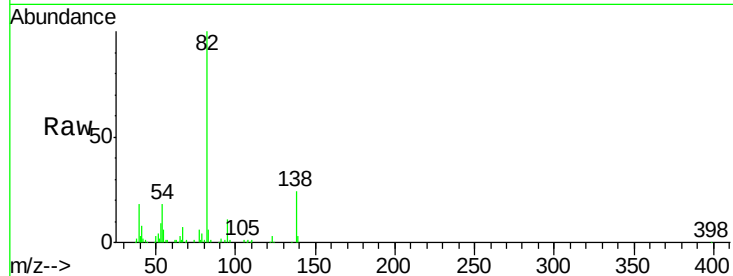
ClientSampleId :

HR-06-021418-AMSD

Tot Ion	82	Resp	139730
Ion	Ratio	Lower	Upper
82	100		
95	11.5	6.2	9.2#
138	24.0	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.516 ng

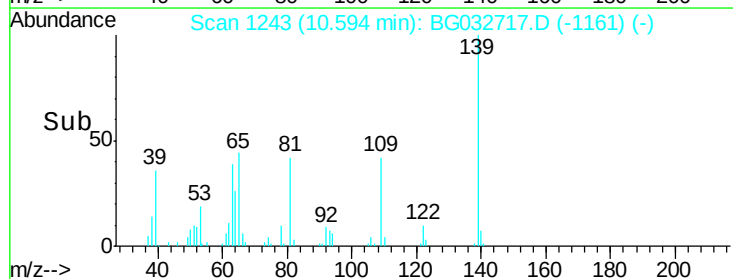
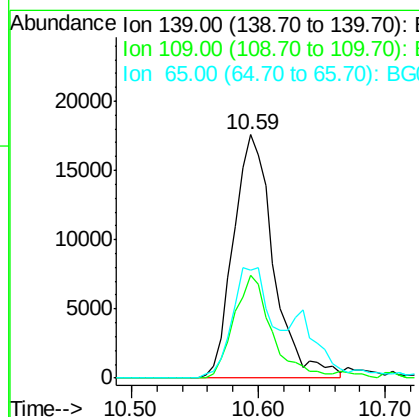
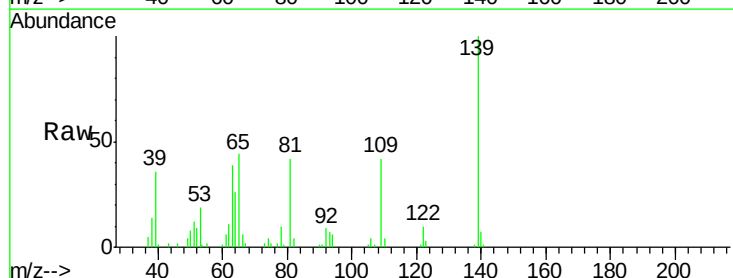
RT: 10.59 min Scan# 1243

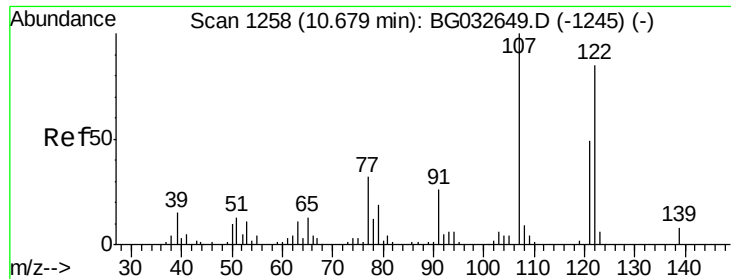
Delta R.T. -0.05 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion	139	Resp	38541
Ion	Ratio	Lower	Upper
139	100		
109	42.3	24.2	36.2#
65	44.2	47.4	71.0#





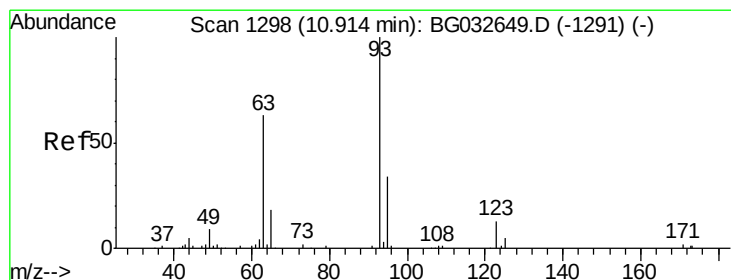
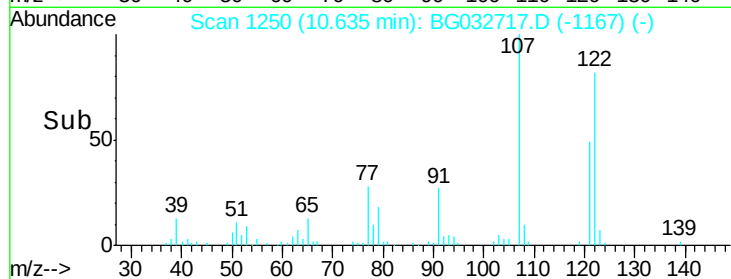
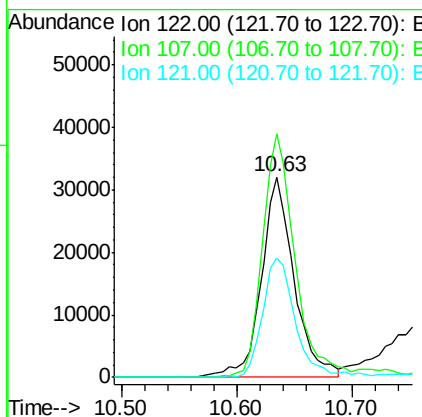
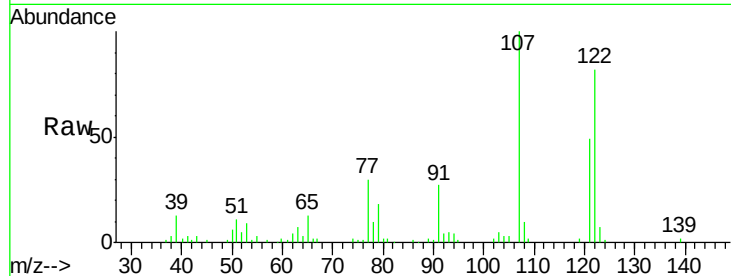
#27
2,4-Dimethylphenol
Concen: 49.420 ng
RT: 10.63 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	100.2	150.2
121	59.8	44.4	66.6

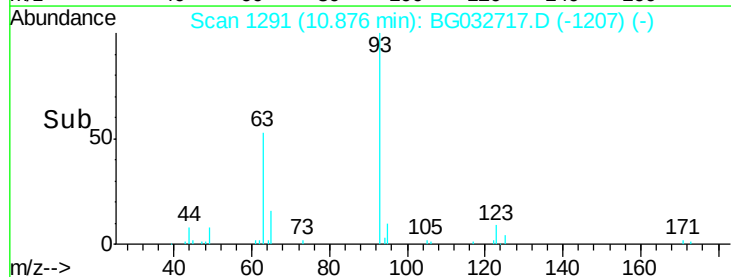
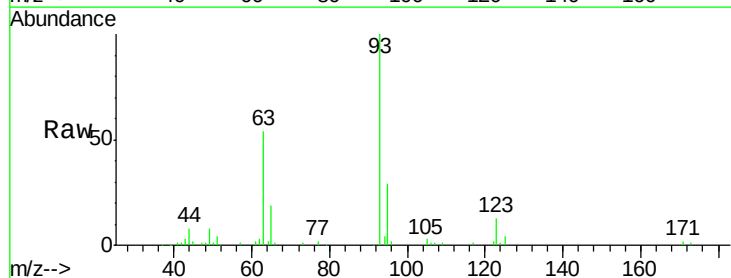
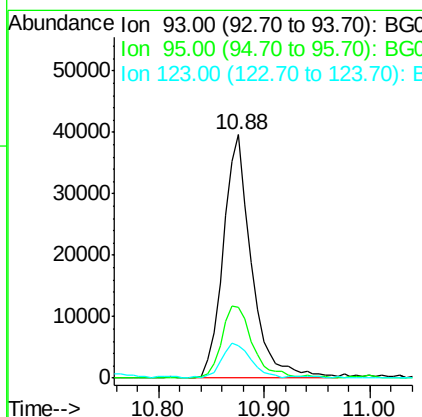
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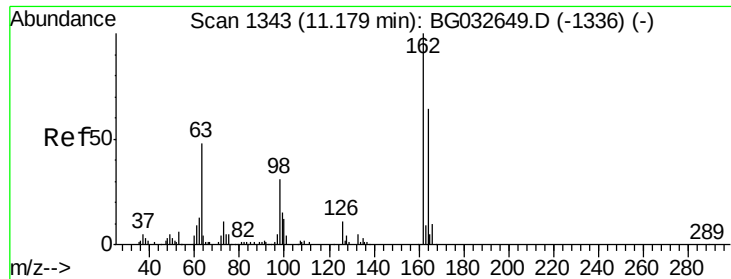
Sohil
2/16/2018 2:27:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.202 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.3	24.3	36.5
123	13.1	8.4	12.6#





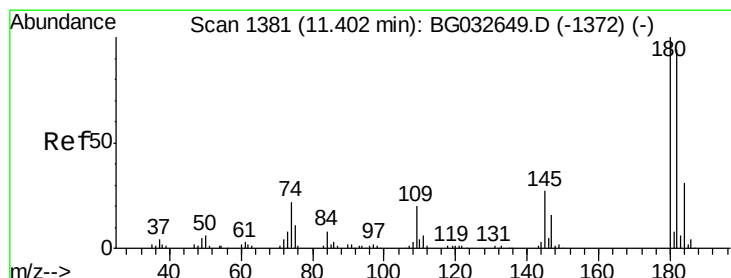
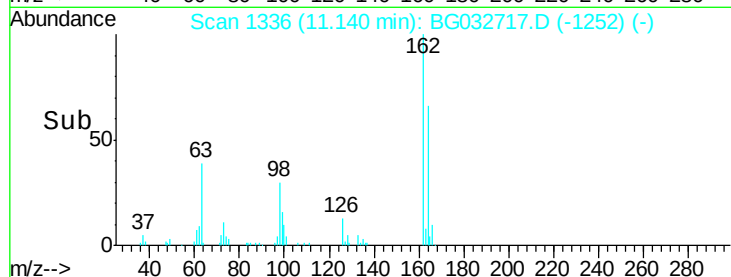
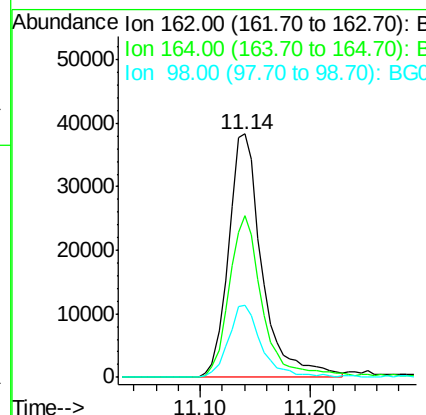
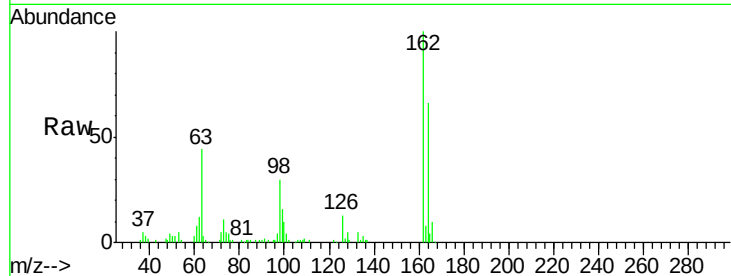
#29
2,4-Dichlorophenol
Concen: 43.516 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	81614		
164	66.3	48.0	88.0	
98	29.6	21.1	61.1	

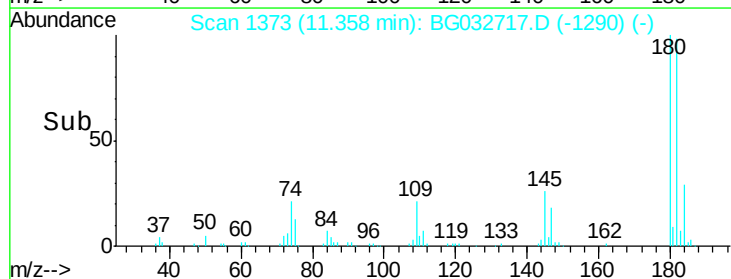
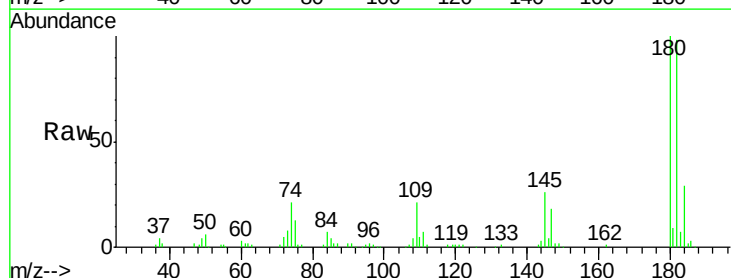
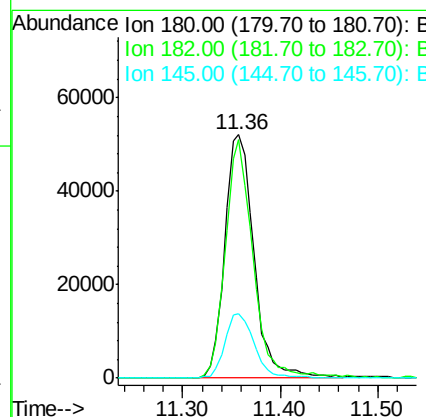
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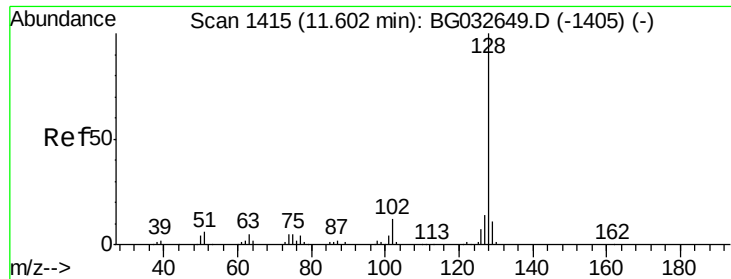
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.112 ng
RT: 11.36 min Scan# 1373
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108097		
182	97.8	77.5	116.3	
145	26.3	23.4	35.2	





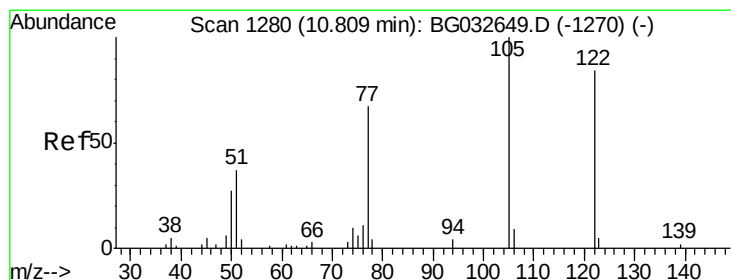
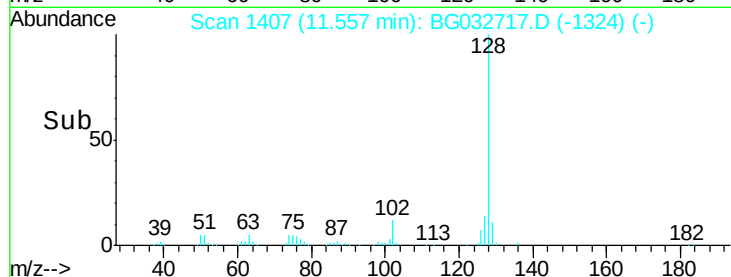
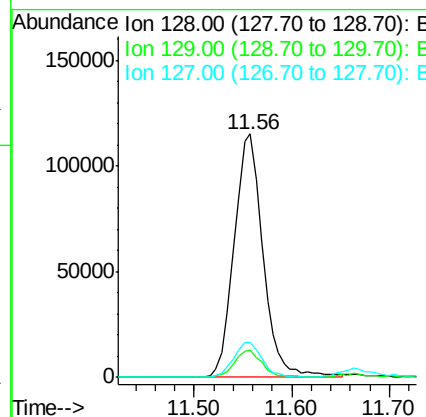
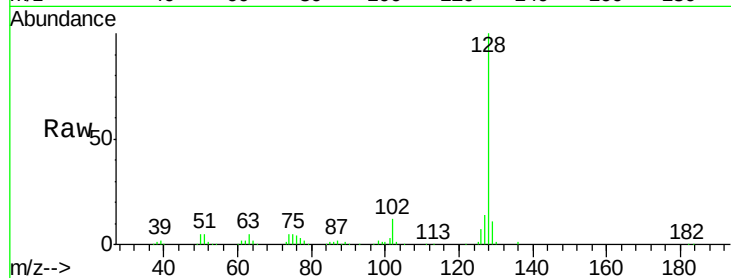
#31
Naphthalene
Concen: 44.190 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	237515		
129	11.0		8.6	12.8
127	14.2		11.6	17.4

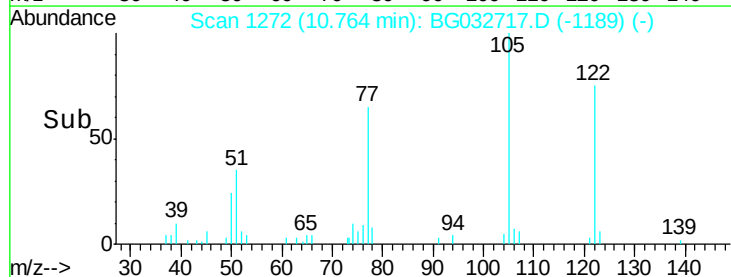
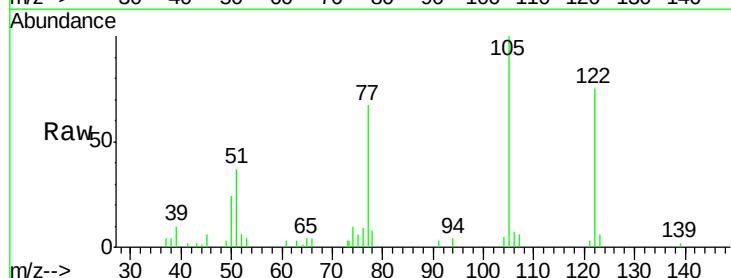
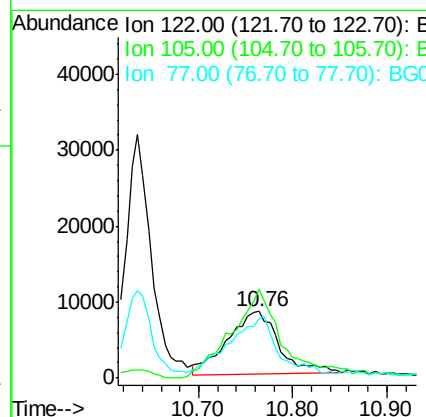
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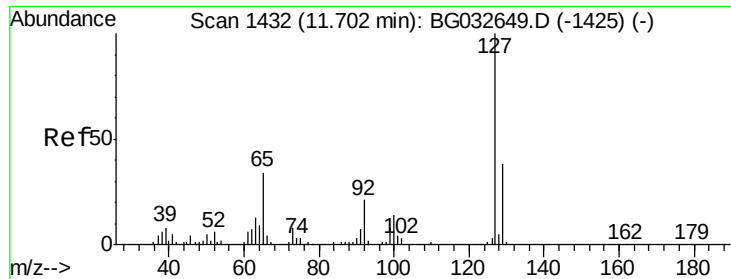
Sohil
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#32
Benzoic acid
Concen: 31.942 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	31142		
105	132.7		123.5	163.5
77	88.8		85.7	125.7





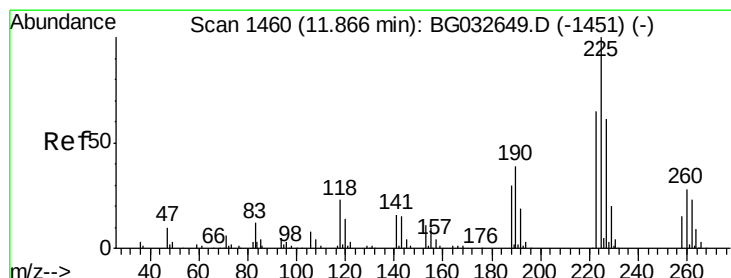
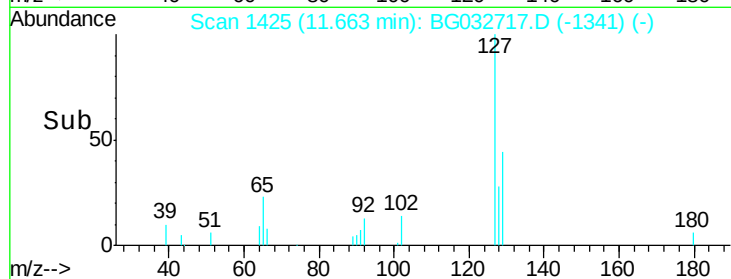
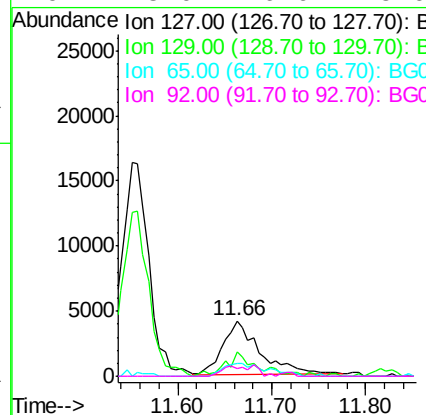
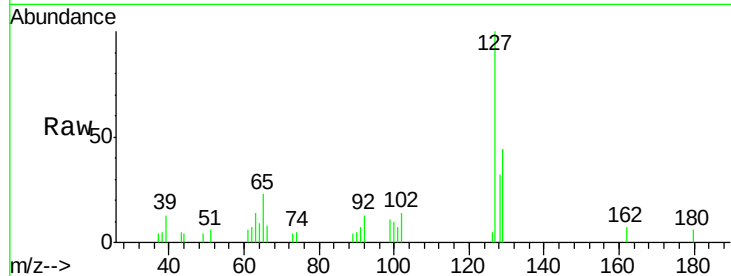
#33
4-Chloroaniline
Concen: 5.252 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		11200		
129	43.9	24.0	36.0#		
65	22.8	27.0	40.4#		
92	13.0	16.6	25.0#		

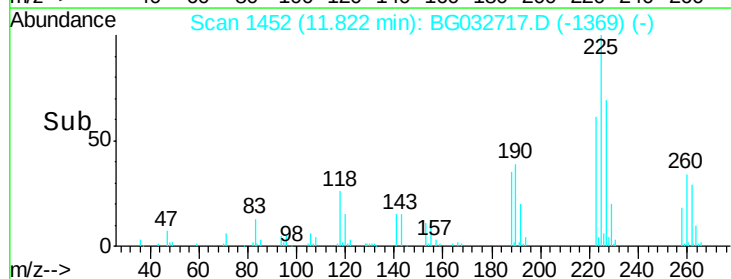
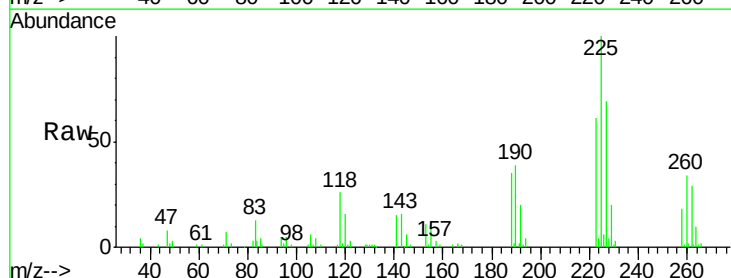
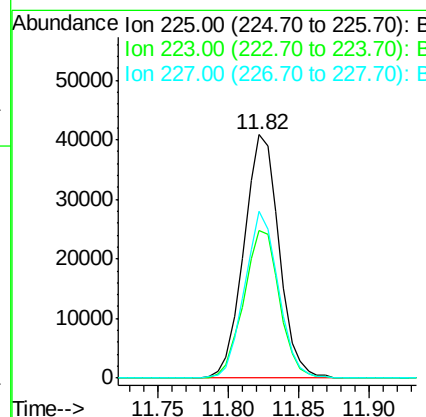
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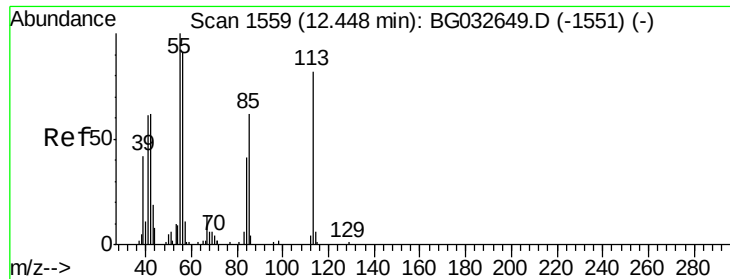
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#34
Hexachlorobutadiene
Concen: 33.169 ng
RT: 11.82 min Scan# 1452
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		71476		
223	60.8	49.7	74.5		
227	68.5	48.1	72.1		





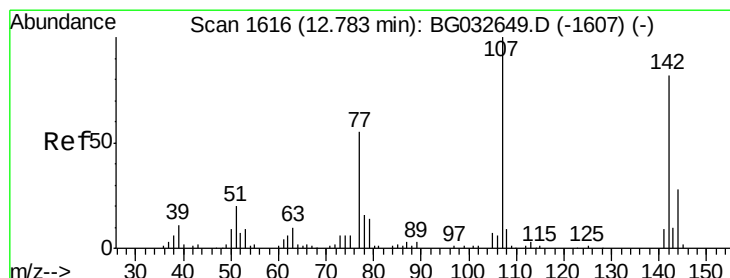
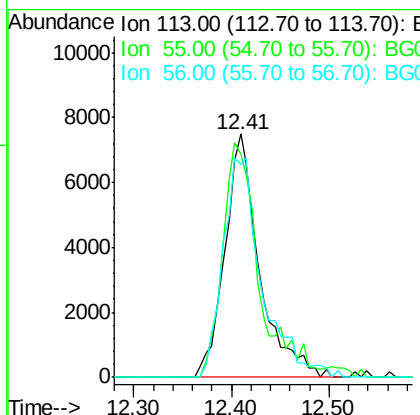
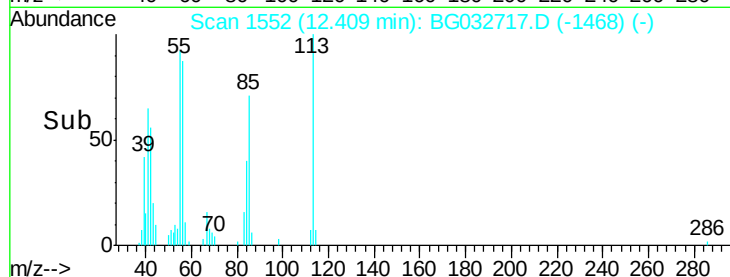
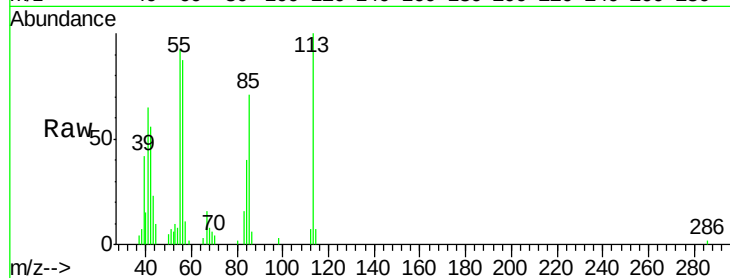
#35
 Caprolactam
 Concen: 34.645 ng
 RT: 12.41 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	91.7	186.9	226.9#
56	87.4	130.9	170.9#

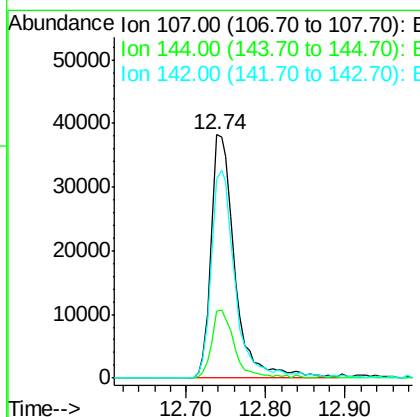
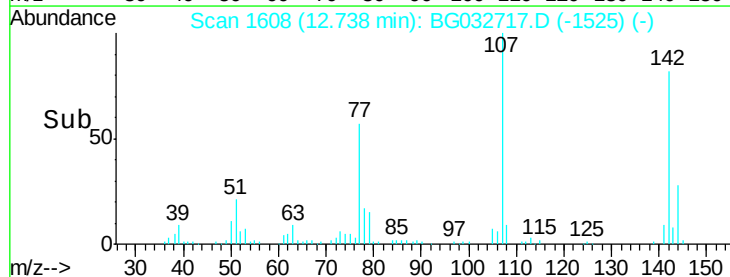
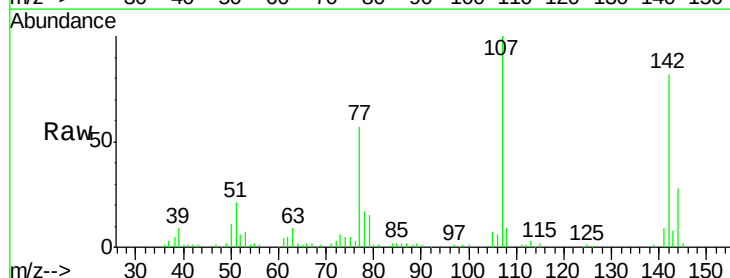
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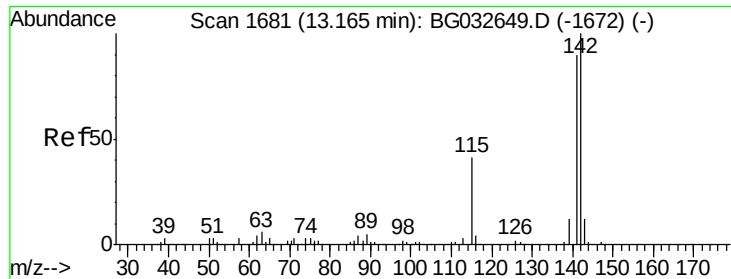
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 47.154 ng
 RT: 12.74 min Scan# 1608
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	18.2	27.4#
142	81.9	59.0	88.4





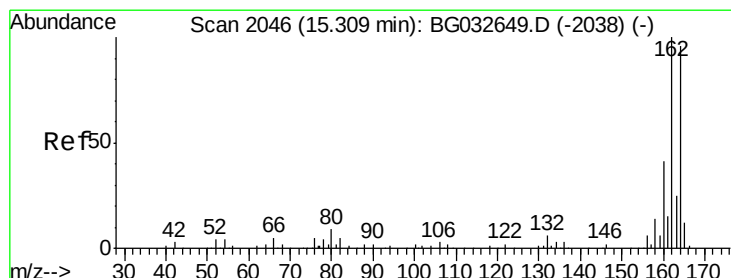
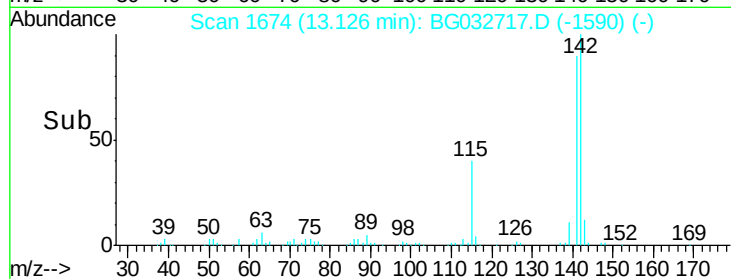
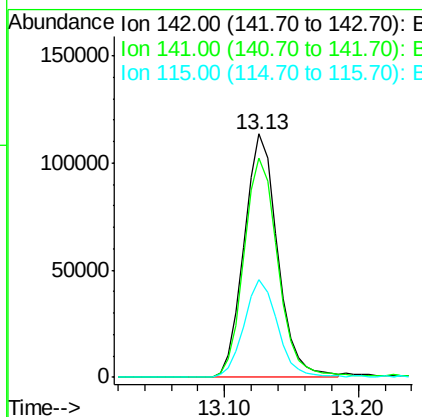
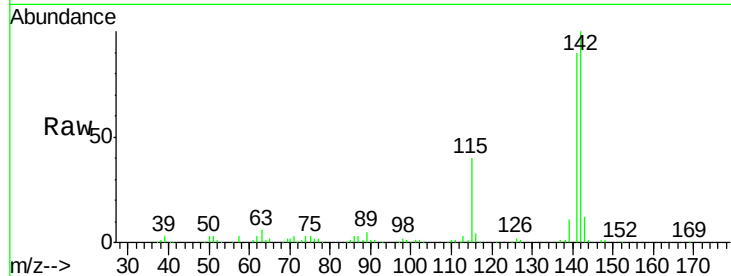
#37
2-Methylnaphthalene
Concen: 45.006 ng
RT: 13.13 min Scan# 1674
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.1	100.7
115	40.2	30.7	46.1

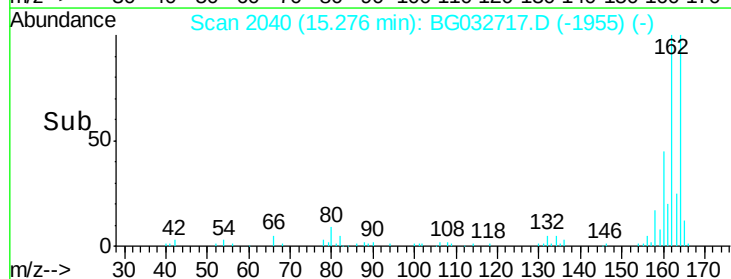
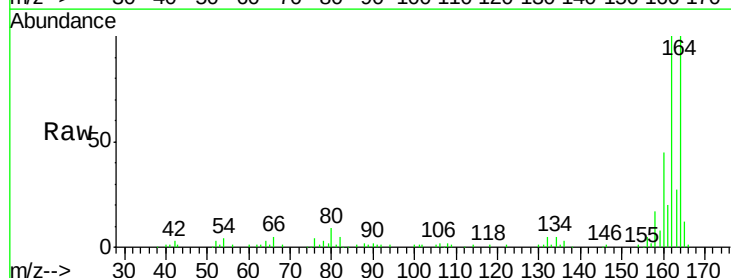
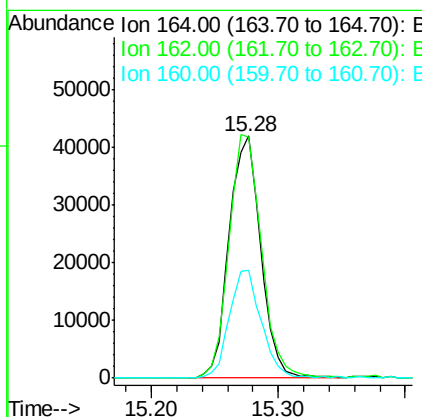
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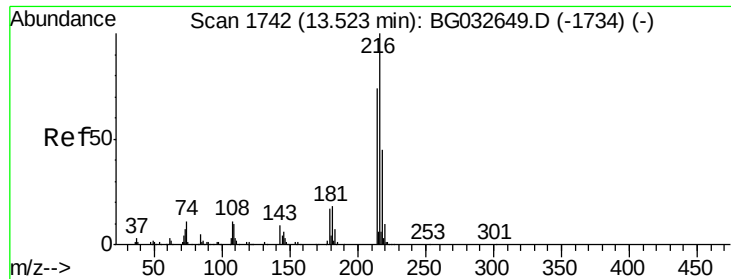
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.28 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	44.5	35.4	53.0





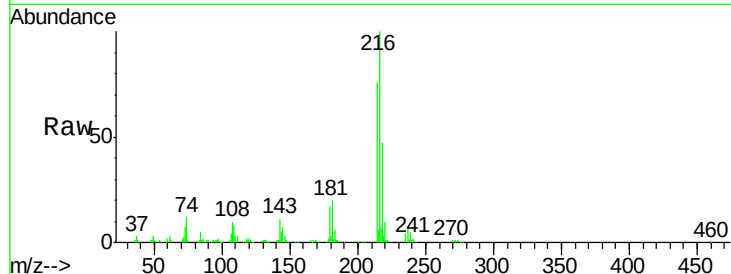
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.242 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

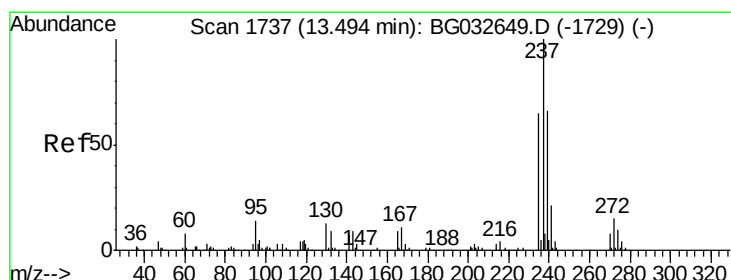
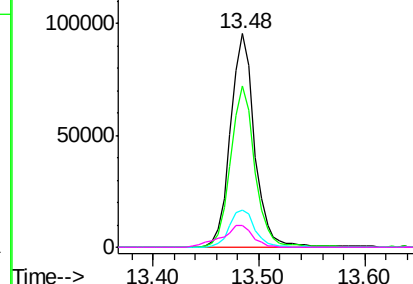
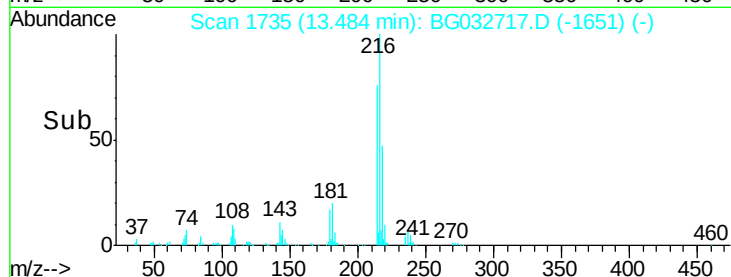
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	75.8		63.0	94.4	
179	18.4		17.0	25.6	
108	13.3		12.8	19.2	

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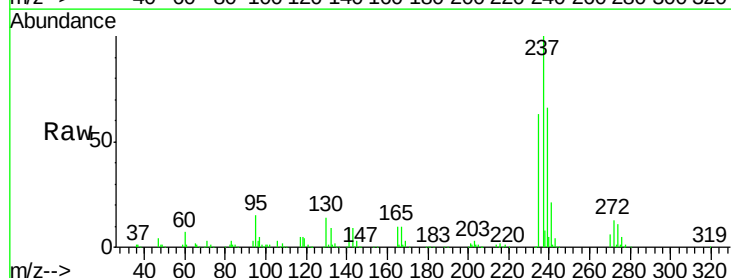


Abundance Ion 216.00 (215.70 to 216.70): E
 150000
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

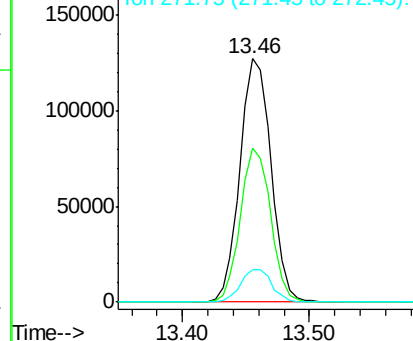
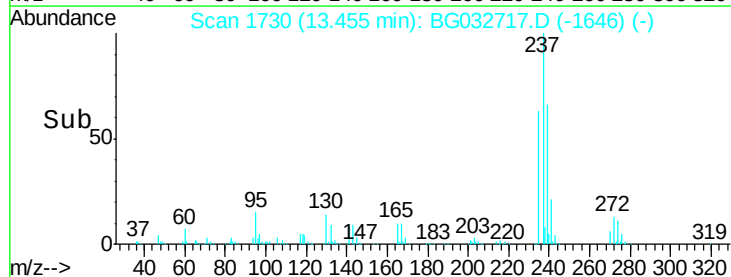


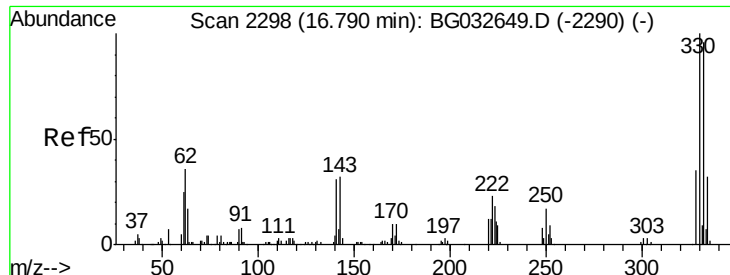
#40
 Hexachlorocyclopentadiene
 Concen: 99.962 ng
 RT: 13.46 min Scan# 1730
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2		50.4	90.4	
272	13.3		0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 150000
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





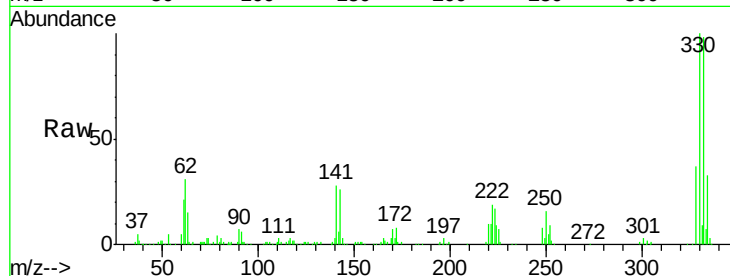
#41
 2,4,6-Tribromophenol
 Concen: 168.690 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187613		
332	97.5	77.0	115.6	
141	26.1	25.2	37.8	

Manual Integrations
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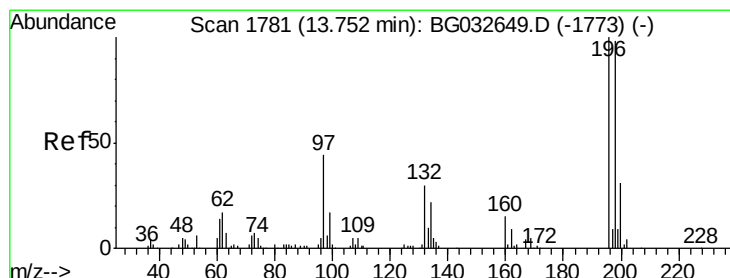
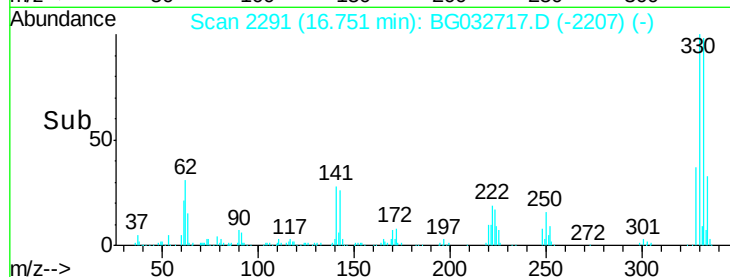
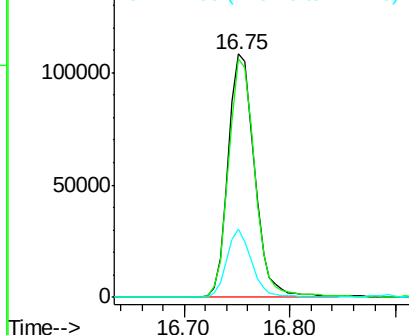


Abundance

Ion 329.80 (329.50 to 330.50): E

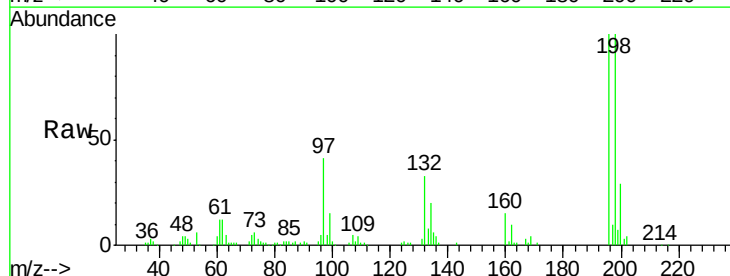
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.809 ng
 RT: 13.72 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77999		
198	99.7	78.2	117.2	
200	29.1	24.6	36.8	

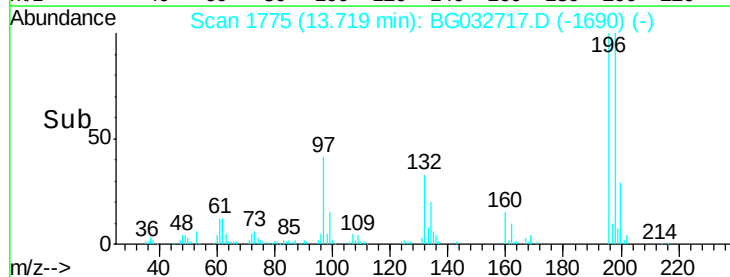
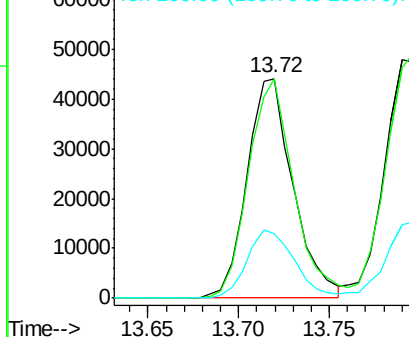


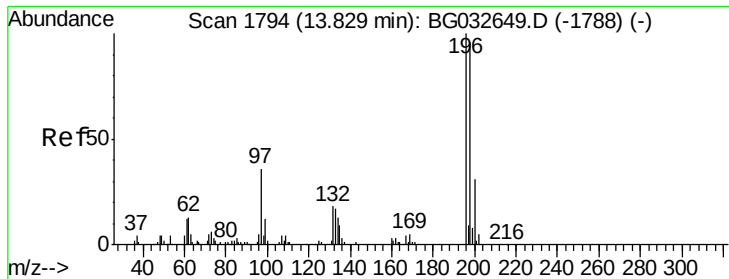
Abundance

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





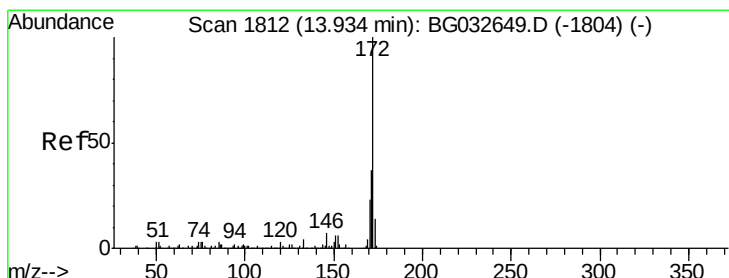
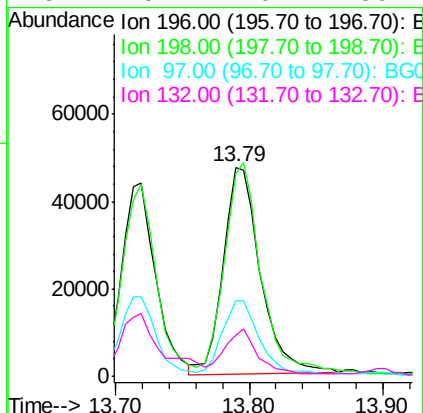
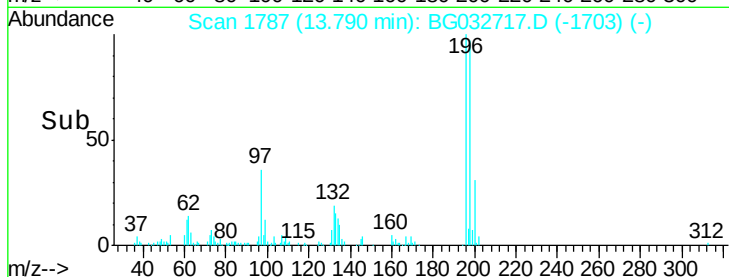
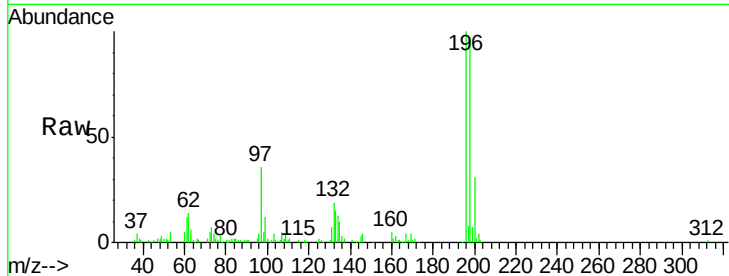
#43
 2,4,5-Trichlorophenol
 Concen: 43.482 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92264		
198	96.6	76.2	114.4	
97	36.2	38.7	58.1#	
132	19.4	20.2	30.2#	

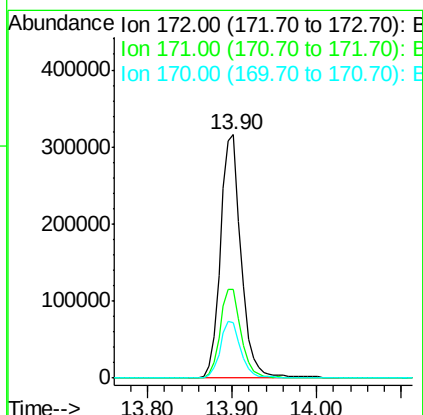
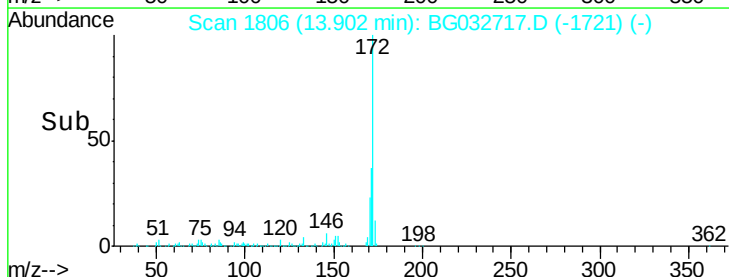
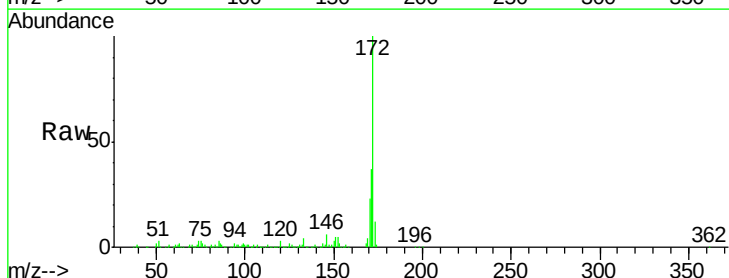
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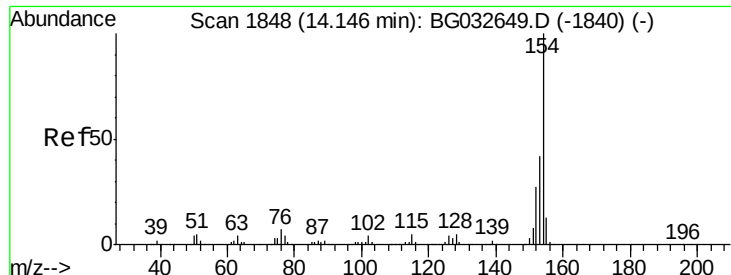
Sohil
 2/16/2018 2:27:24 PM



#44
 2-Fluorobiphenyl
 Concen: 93.209 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	538366		
171	36.6	30.0	45.0	
170	22.7	19.5	29.3	





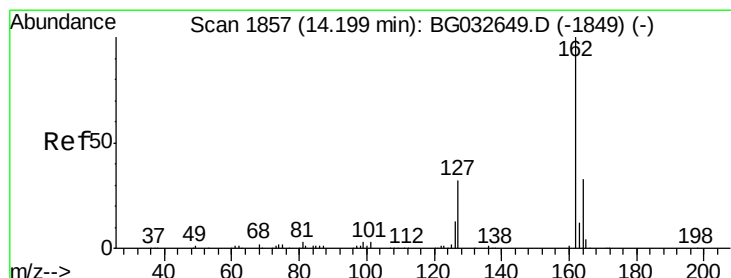
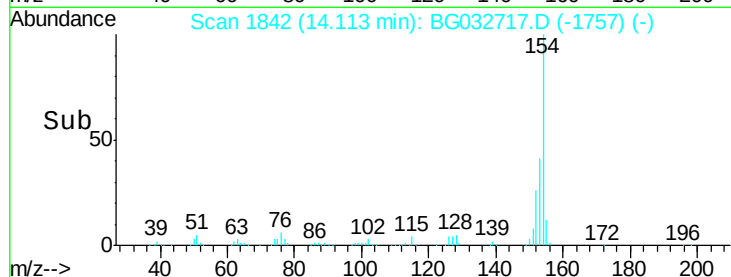
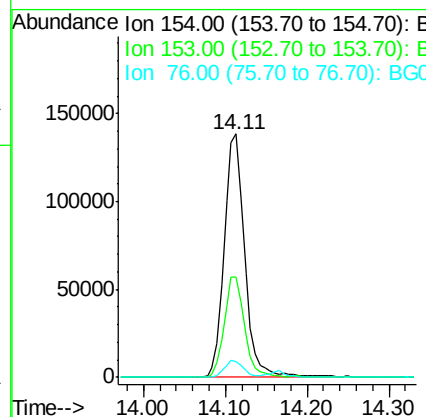
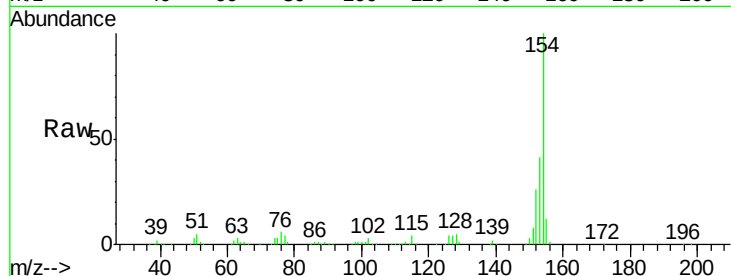
#45
 1,1'-Biphenyl
 Concen: 40.794 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	6.4	0.0	31.9

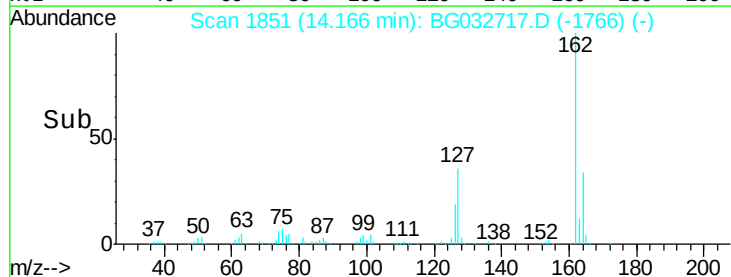
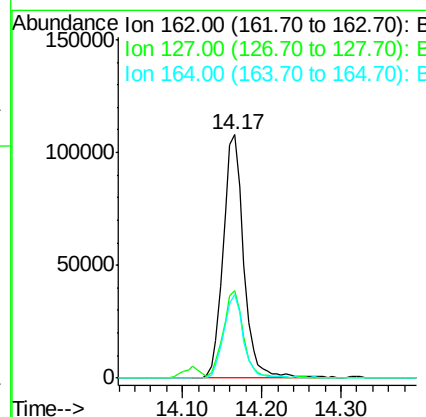
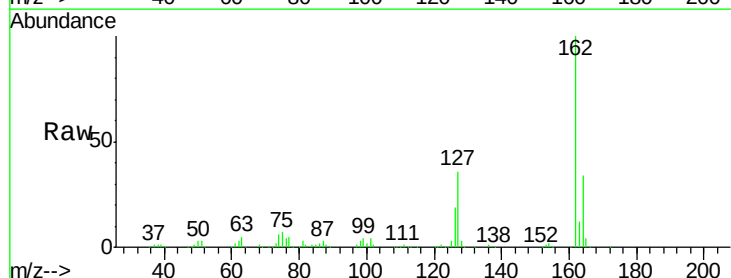
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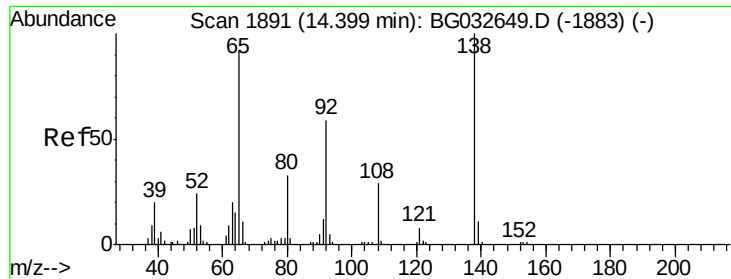
Sohil
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#46
 2-Chloronaphthalene
 Concen: 41.161 ng
 RT: 14.17 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.7	46.1
164	34.3	26.0	39.0





#47

2-Nitroaniline

Concen: 44.872 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

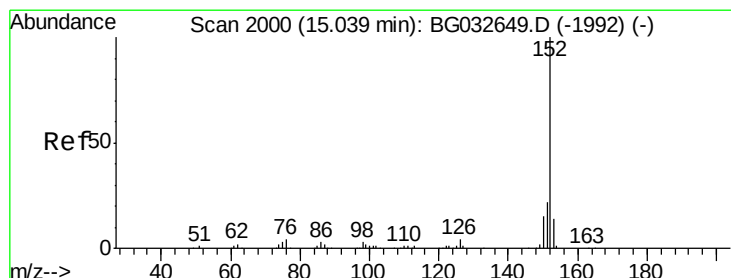
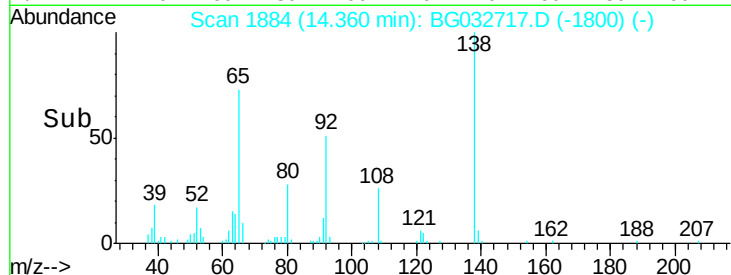
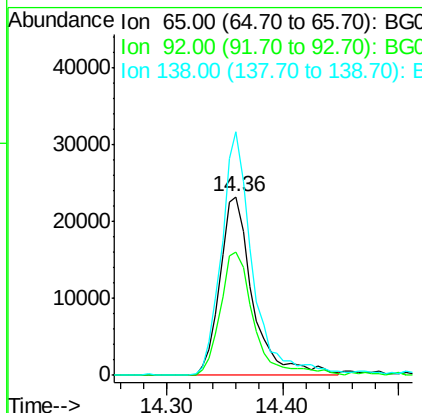
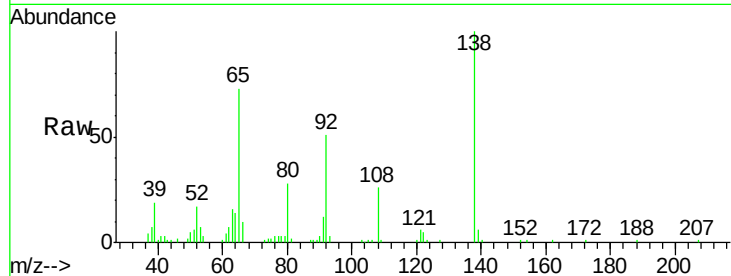
ClientSampleId :

HR-06-021418-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.6	82.0
138	136.5	72.9	109.3

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#48

Acenaphthylene

Concen: 41.760 ng

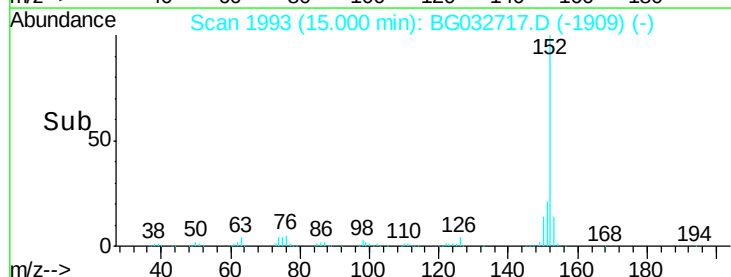
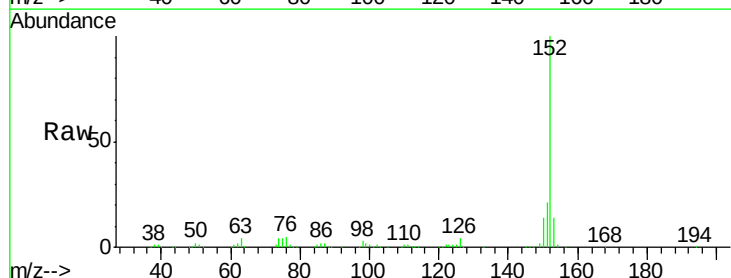
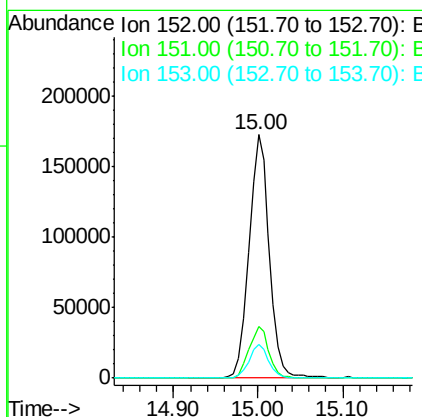
RT: 15.00 min Scan# 1993

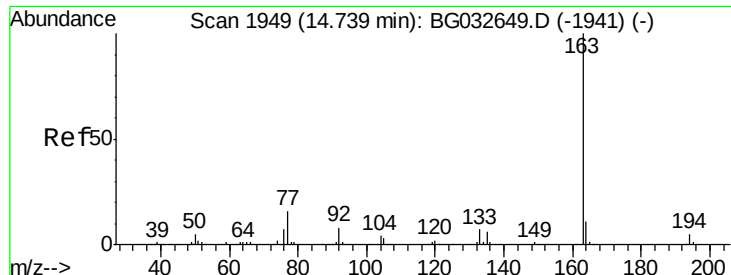
Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.6	10.2	15.4





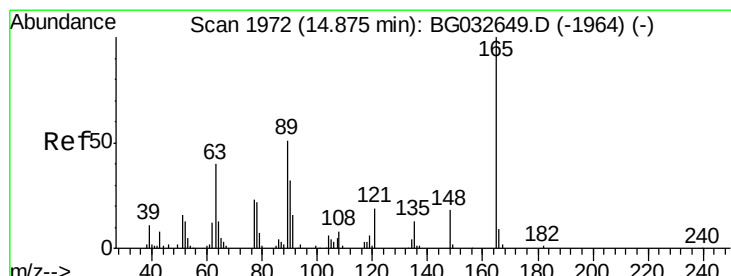
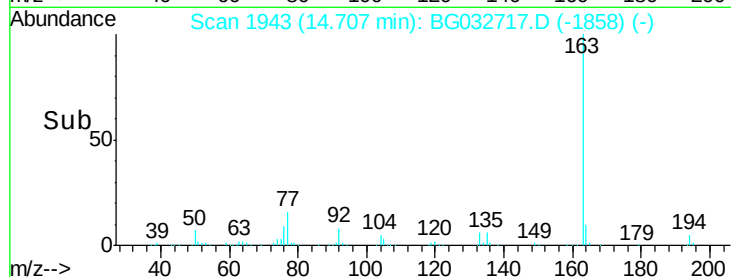
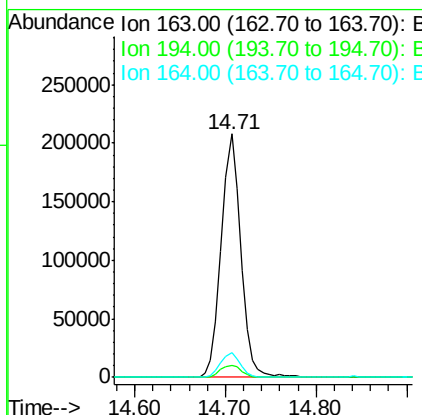
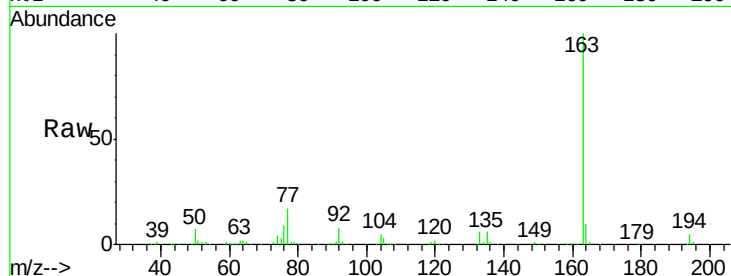
#49
Dimethylphthalate
Concen: 49.924 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	311698		
194	5.0		3.4	5.2
164	10.3		8.2	12.4

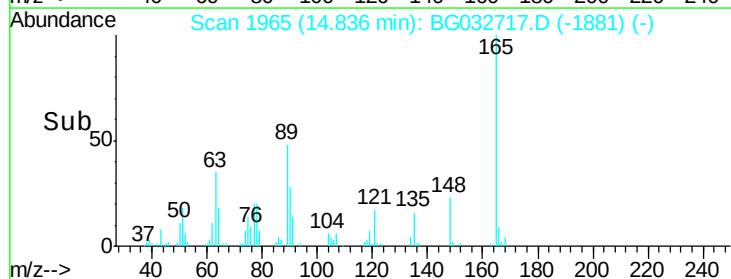
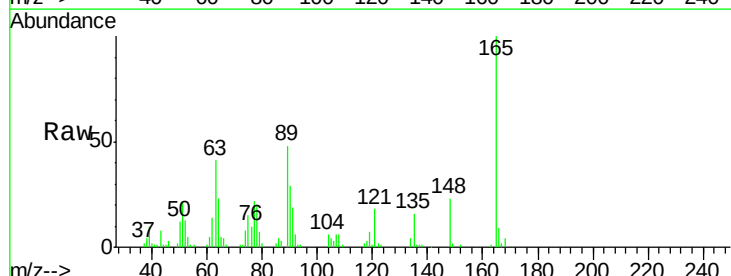
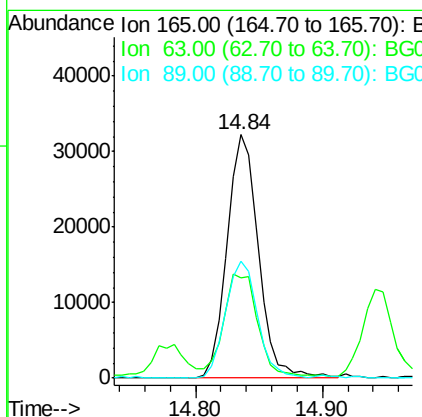
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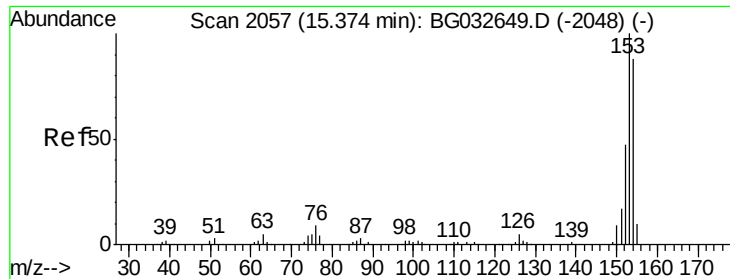
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#50
2,6-Dinitrotoluene
Concen: 43.073 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	55384		
63	41.0		52.7	79.1#
89	48.0		49.2	73.8#





#51

Acenaphthene

Concen: 54.992 ng

RT: 15.34 min Scan# 2050

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

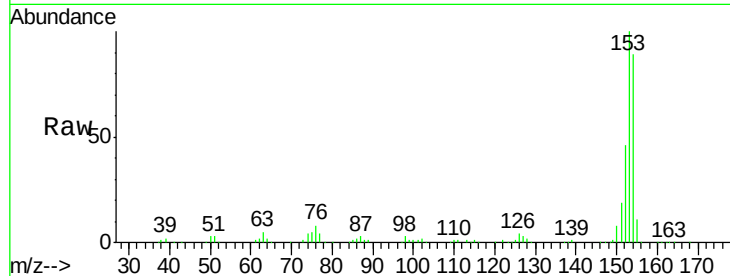
ClientSampleId :

HR-06-021418-AMSD

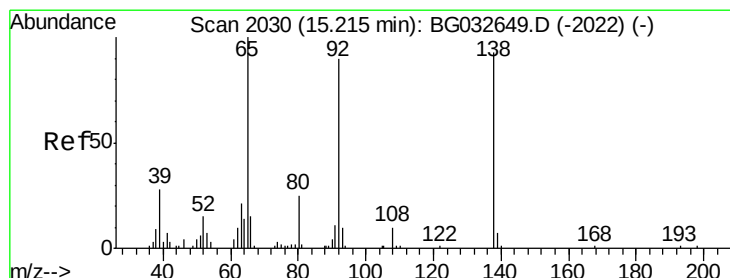
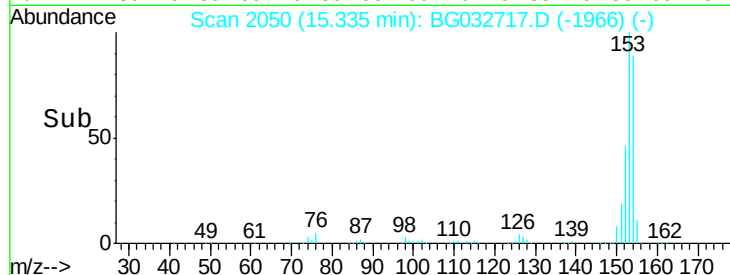
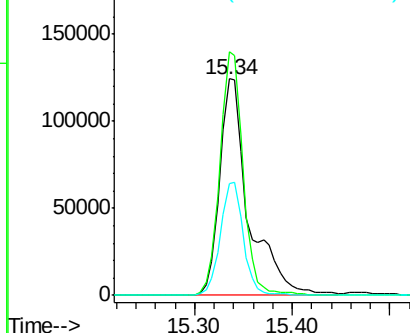
Tot Ion:	154	Resp:	259839
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.4	135.6
152	51.4	41.6	62.4

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: 12.019 ng

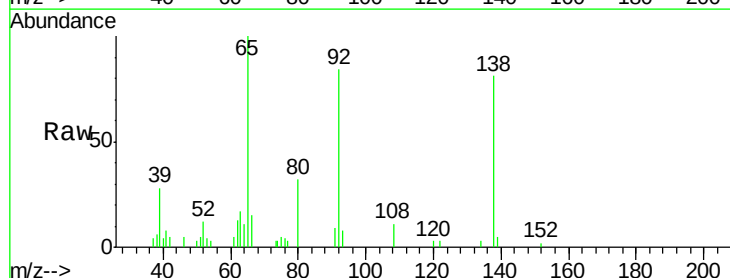
RT: 15.17 min Scan# 2022

Delta R.T. -0.04 min

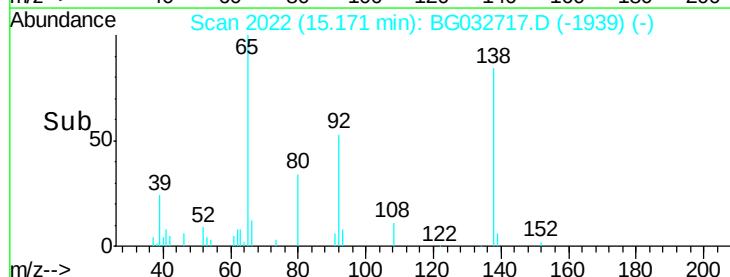
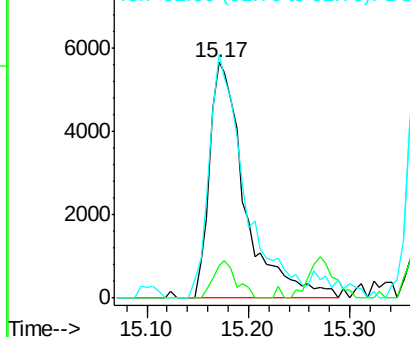
Lab File: BG032717.D

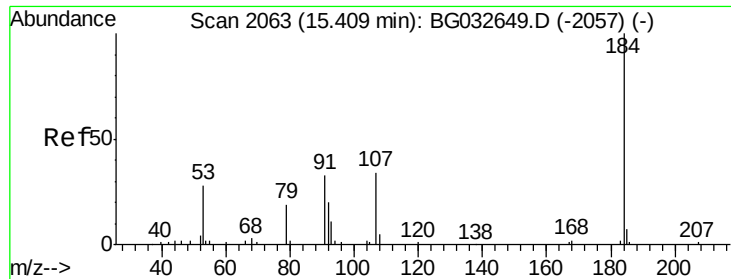
Acq: 15 Feb 2018 17:17

Tgt Ion:	138	Resp:	13647
Ion Ratio	Lower	Upper	
138	100		
108	13.6	17.5	26.3#
92	103.4	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





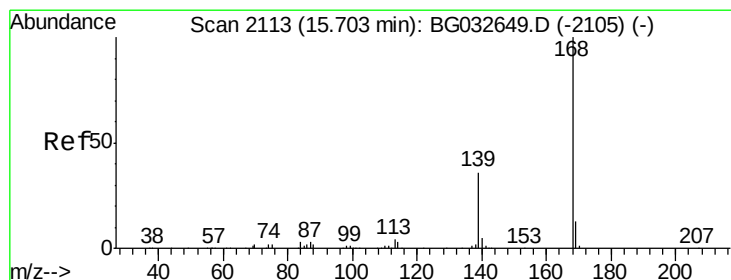
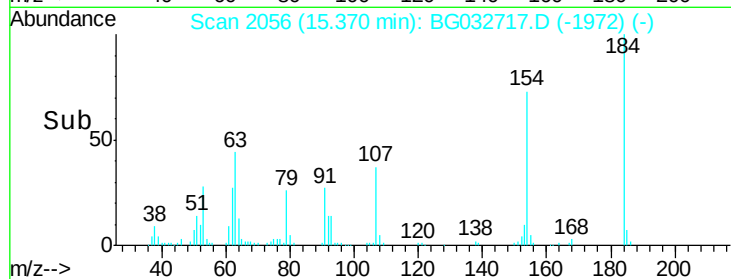
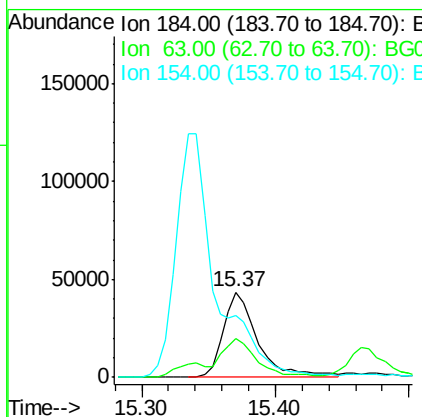
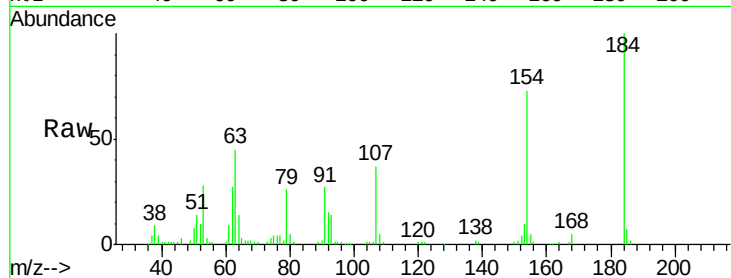
#53
 2,4-Dinitrophenol
 Concen: 108.322 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion:184 Resp: 78426
 Ion Ratio Lower Upper
 184 100
 63 45.4 59.8 89.8#
 154 72.5 101.8 152.8#

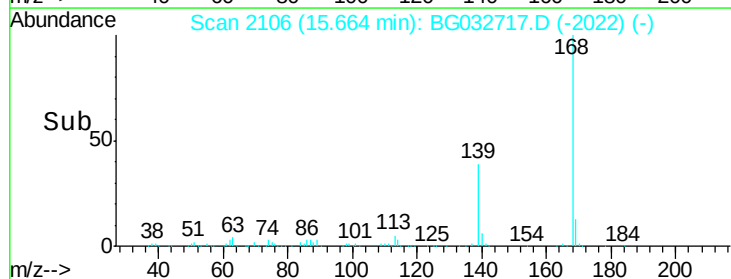
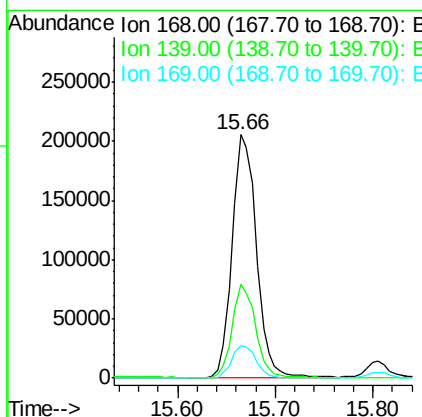
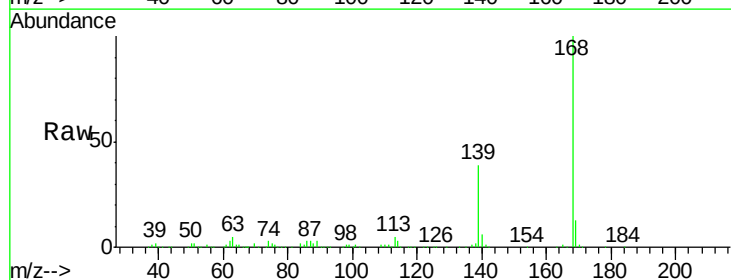
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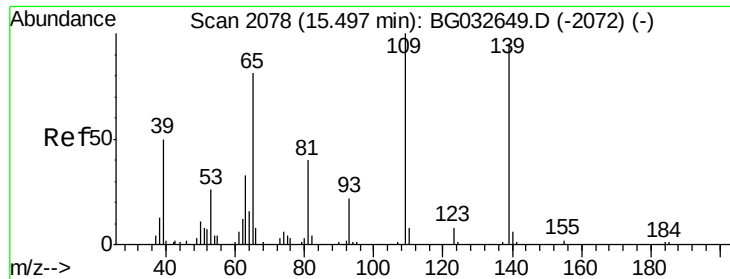
Sohil
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#54
 Dibenzofuran
 Concen: 50.845 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion:168 Resp: 357439
 Ion Ratio Lower Upper
 168 100
 139 38.7 28.6 43.0
 169 13.4 11.2 16.8





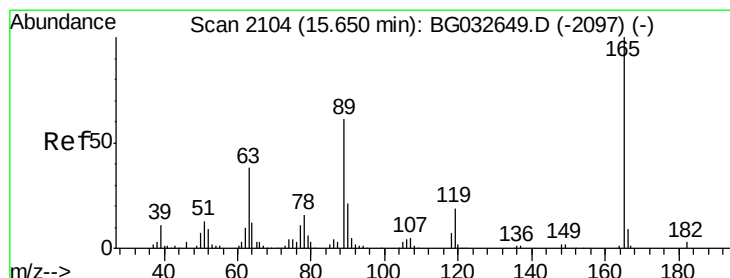
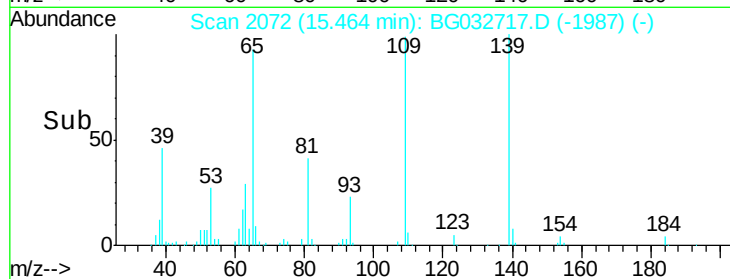
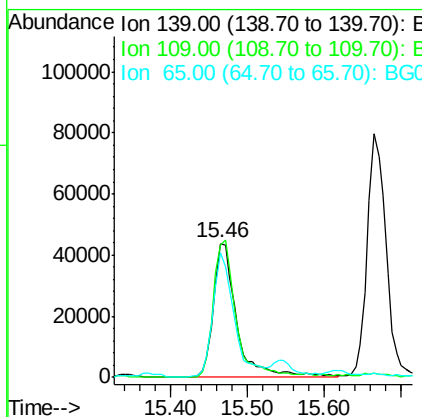
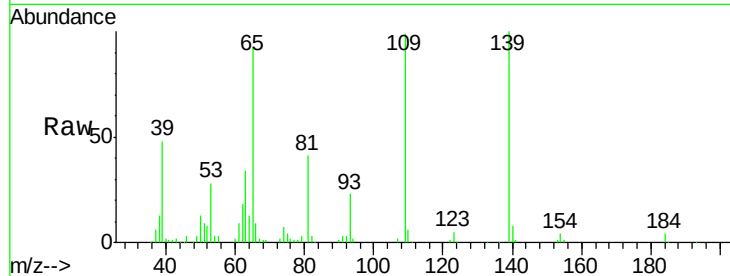
#55
4-Nitrophenol
Concen: 106.726 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	98.7	62.2	102.2	
65	92.8	97.2	137.2	

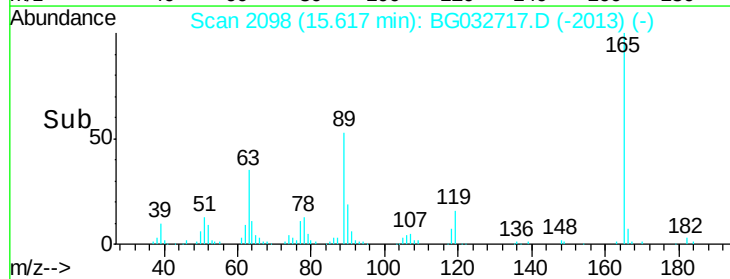
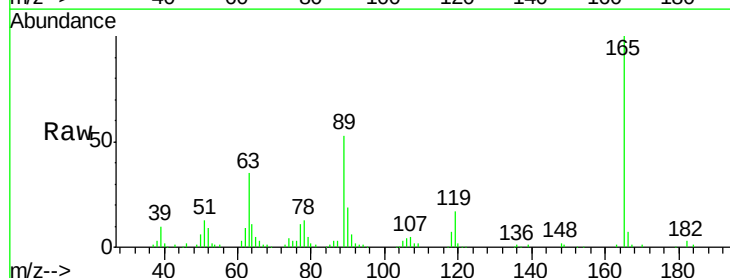
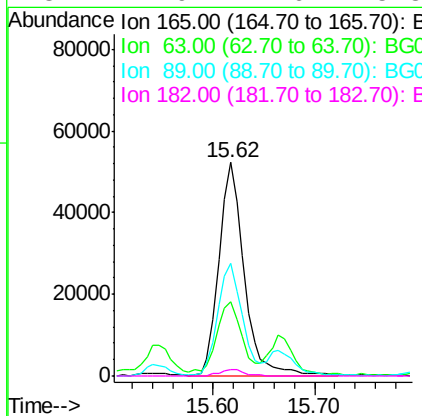
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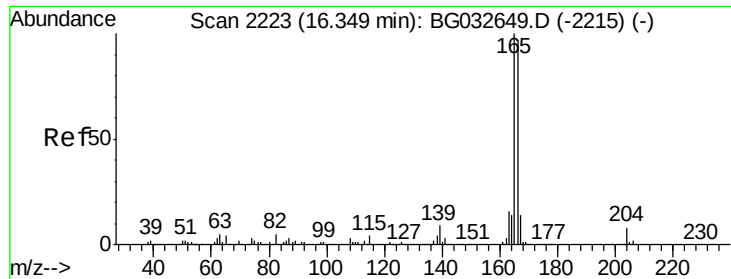
Sohil
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#56
2,4-Dinitrotoluene
Concen: 51.347 ng
RT: 15.62 min Scan# 2098
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.6	42.0	63.0	
89	52.9	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 42.107 ng

RT: 16.31 min Scan# 2216

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

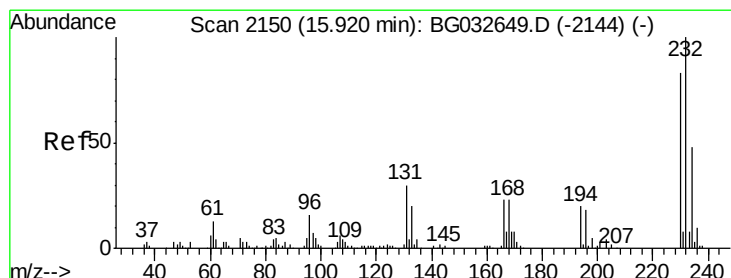
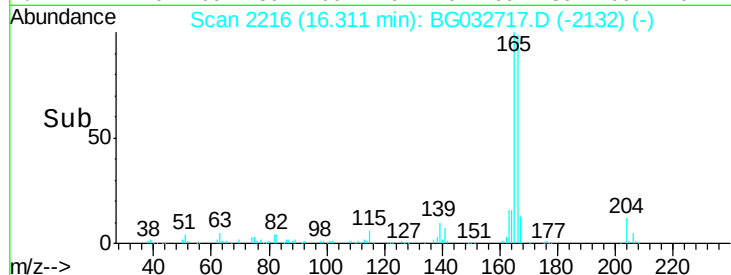
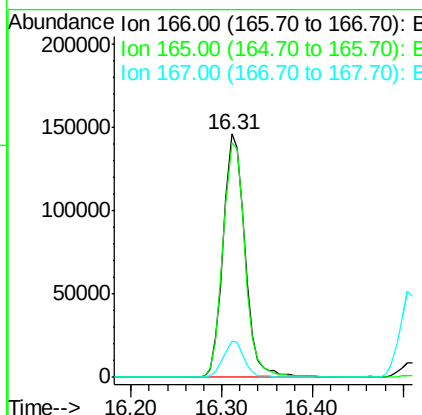
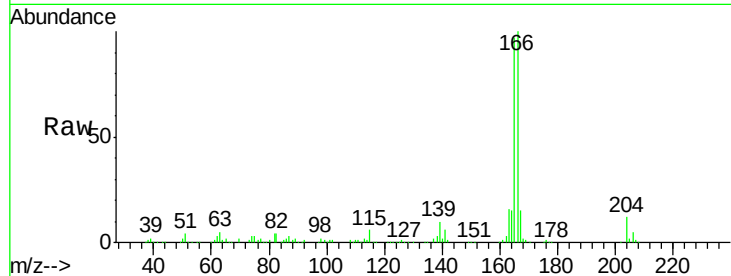
ClientSampleId :

HR-06-021418-AMSD

Tot Ion:	166	Resp:	243434
Ion Ratio	Lower	Upper	
166	100		
165	96.6	80.6	121.0
167	14.8	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.865 ng

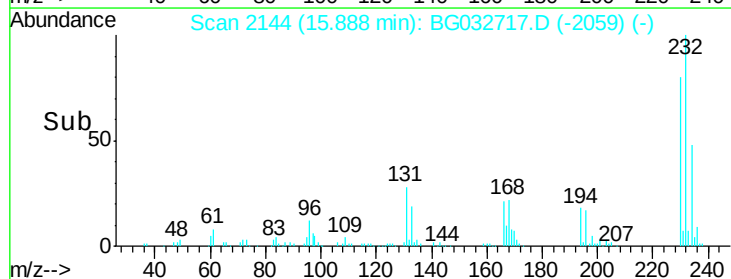
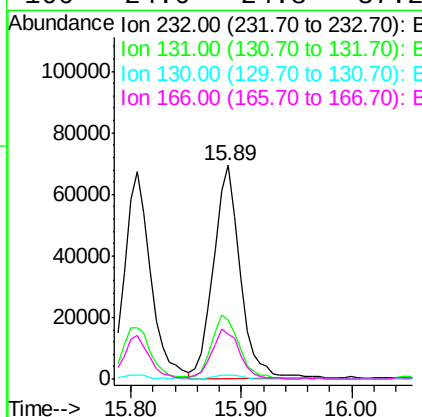
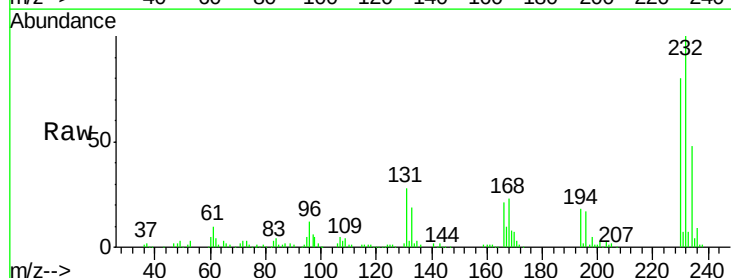
RT: 15.89 min Scan# 2144

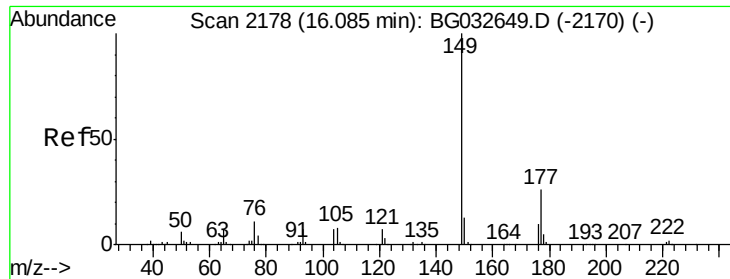
Delta R.T. -0.03 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion:	232	Resp:	115600
Ion Ratio	Lower	Upper	
232	100		
131	29.9	33.5	50.3#
130	2.0	2.2	3.2#
166	24.0	24.8	37.2#





#59

Diethylphthalate

Concen: 38.838 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

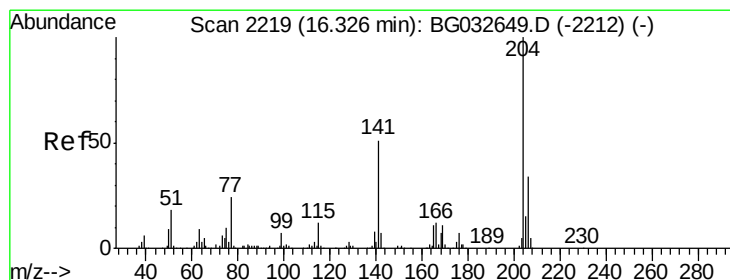
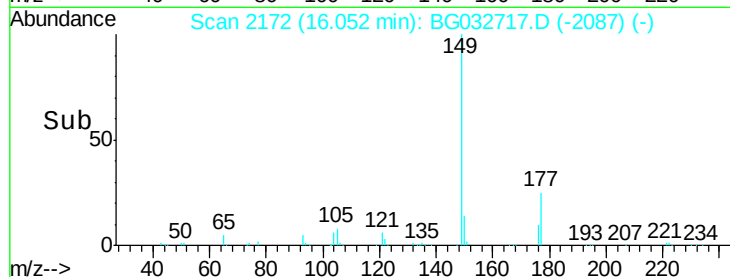
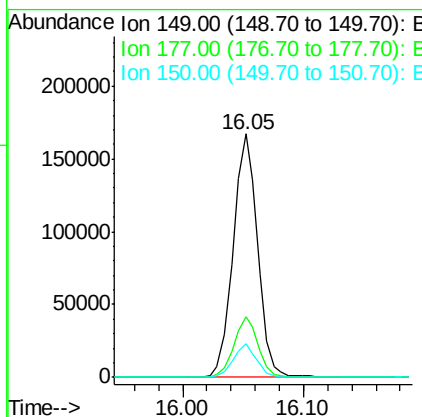
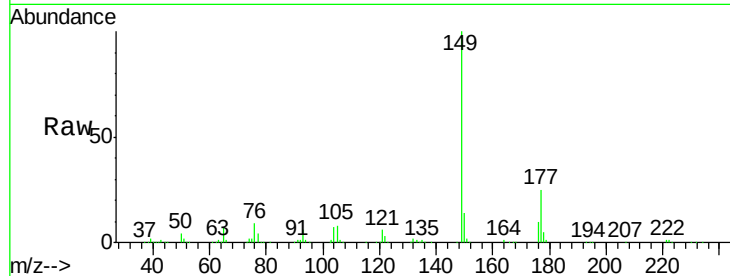
ClientSampleId :

HR-06-021418-AMSD

Tot Ion:	149	Resp:	235939
Ion Ratio	Lower	Upper	
149	100		
177	25.0	18.5	27.7
150	13.7	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 39.702 ng

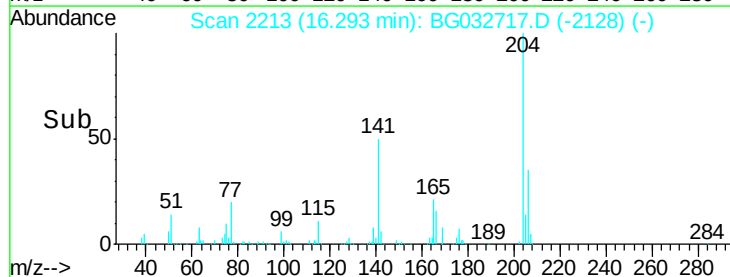
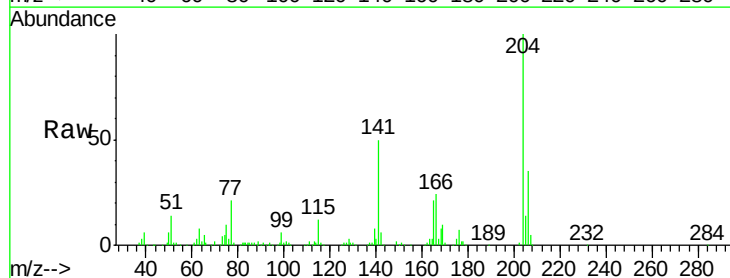
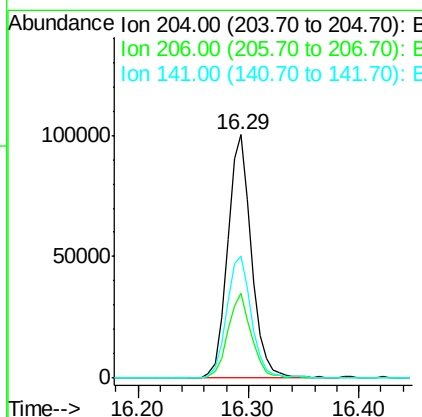
RT: 16.29 min Scan# 2213

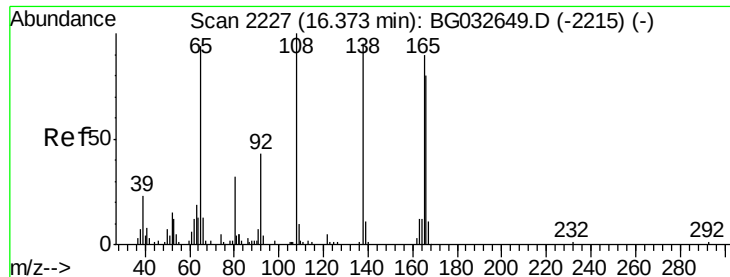
Delta R.T. -0.03 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion:	204	Resp:	151547
Ion Ratio	Lower	Upper	
204	100		
206	35.1	26.2	39.2
141	50.3	45.8	68.6





#61

4-Nitroaniline

Concen: 26.672 ng

RT: 16.33 min Scan# 2220

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

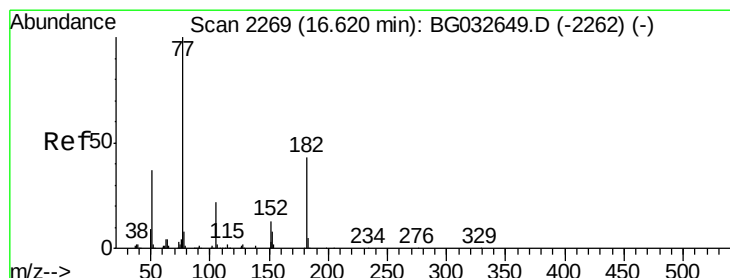
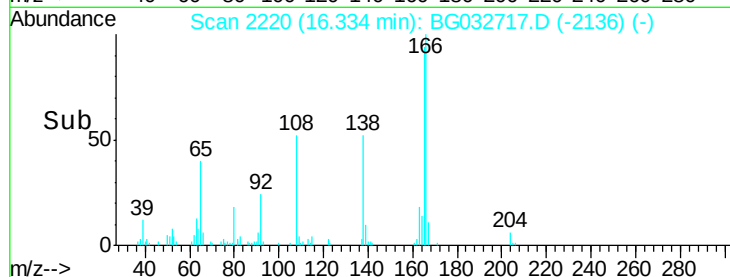
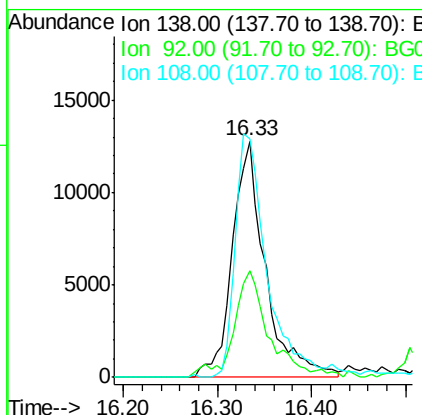
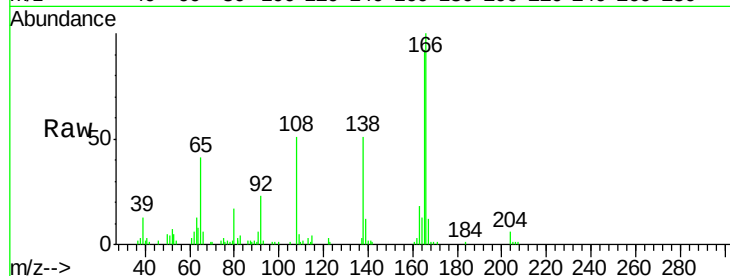
ClientSampleId :

HR-06-021418-AMSD

Tot Ion:	138	Resp:	31225
Ion	Ratio	Lower	Upper
138	100		
92	45.2	40.1	80.1
108	100.6	65.4	105.4

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#62

Azobenzene

Concen: 39.862 ng

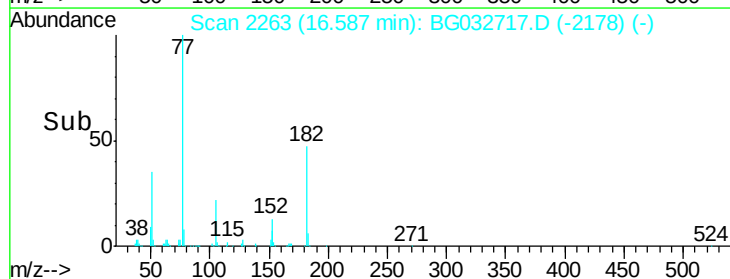
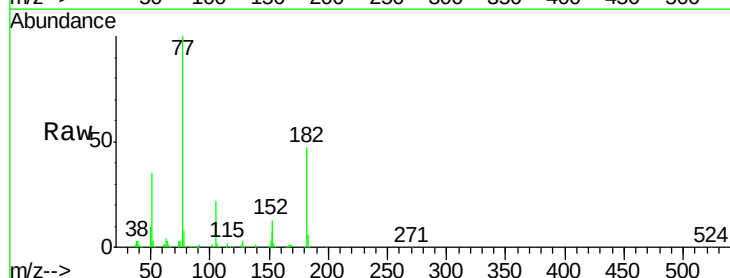
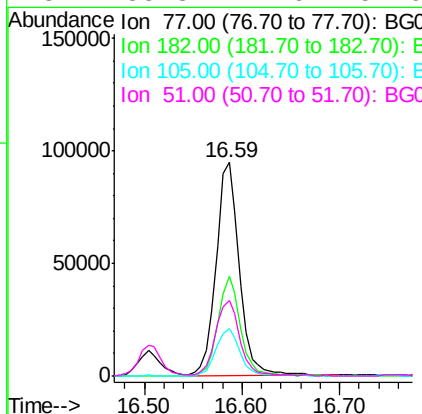
RT: 16.59 min Scan# 2263

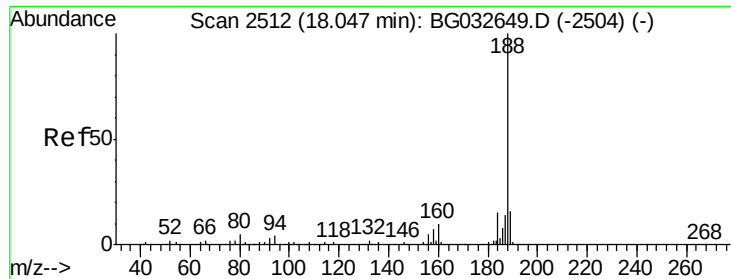
Delta R.T. -0.03 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion:	77	Resp:	155582
Ion	Ratio	Lower	Upper
77	100		
182	46.5	7.4	47.4
105	22.3	0.3	40.3
51	35.3	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.01 min Scan# 2505

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

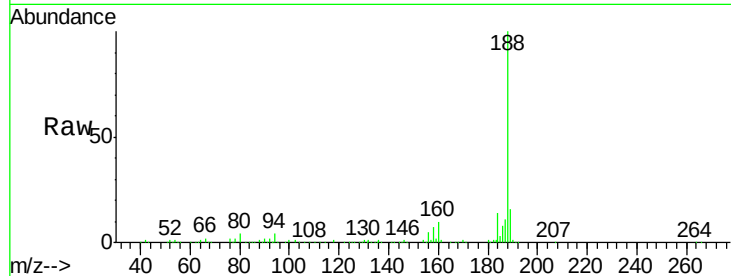
ClientSampleId :

HR-06-021418-AMSD

Tot Ion:188	Resp:	242493
Ion Ratio	Lower	Upper
188 100		
94 4.2	6.9	10.3#
80 4.4	7.7	11.5#

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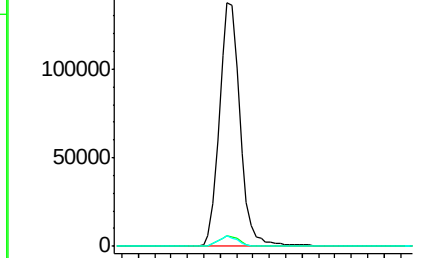
Sohil
2/16/2018 2:27:24 PM



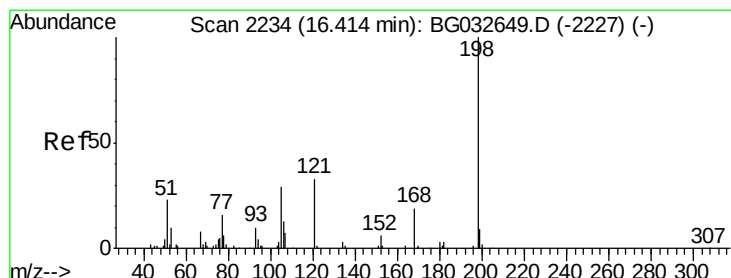
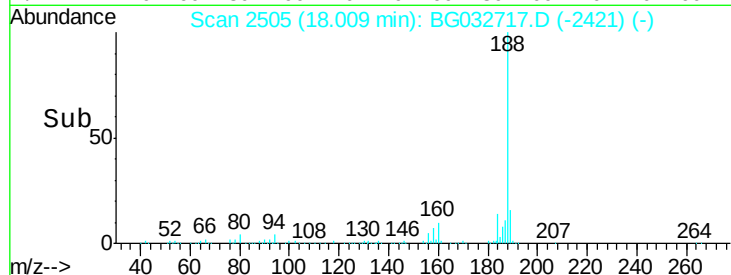
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 31.037 ng

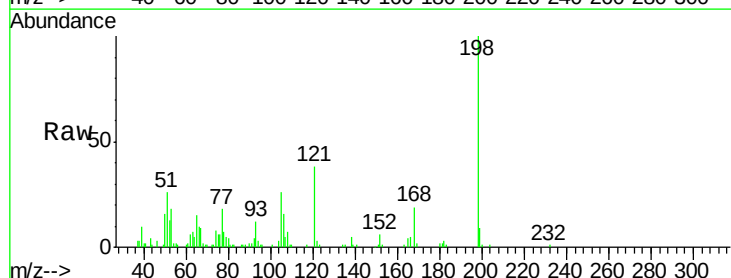
RT: 16.38 min Scan# 2227

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

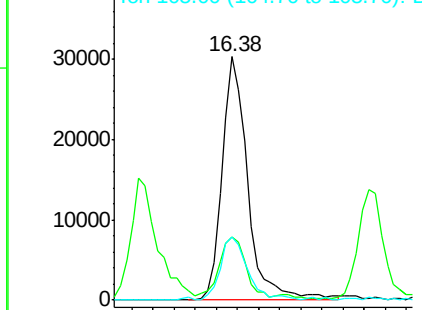
Tgt Ion:198	Resp:	51247
Ion Ratio	Lower	Upper
198 100		
51 26.1	30.6	70.6#
105 25.8	23.8	63.8



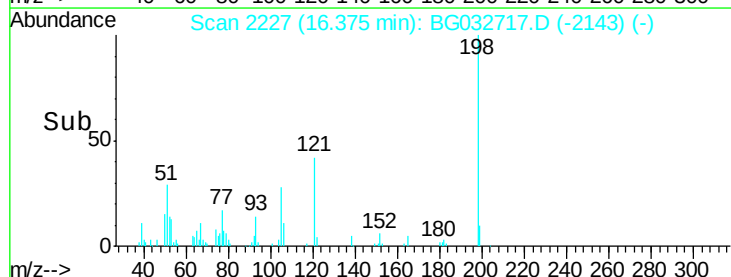
Abundance Ion 198.00 (197.70 to 198.70): E

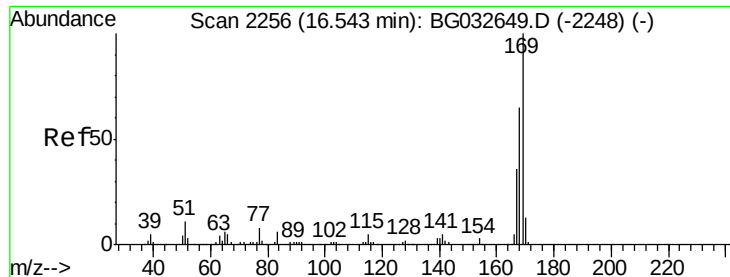
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





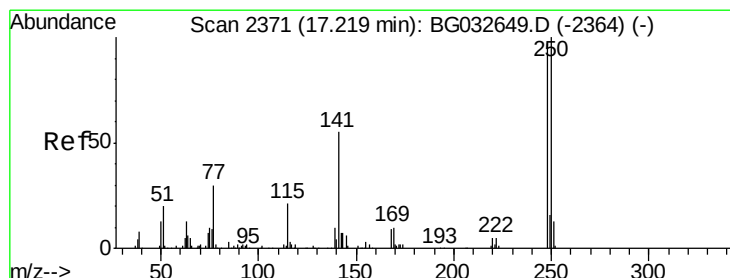
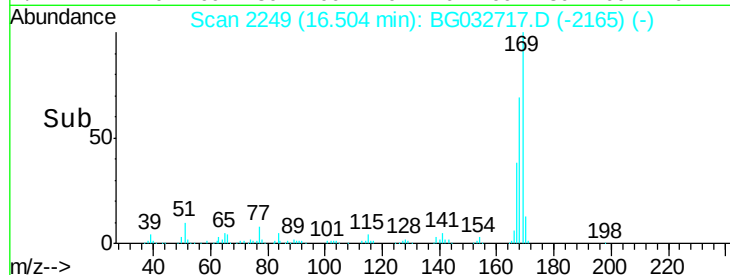
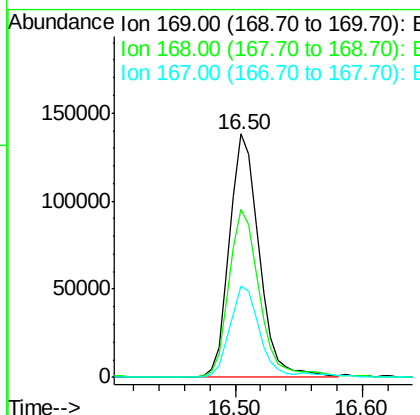
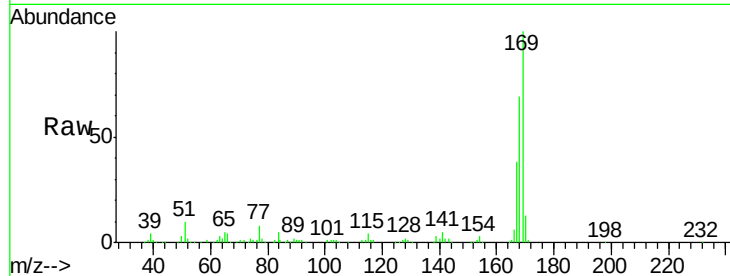
#65
 n-Nitrosodiphenylamine
 Concen: 31.487 ng
 RT: 16.50 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	223933		
168	69.3		55.7	83.5
167	37.6		30.1	45.1

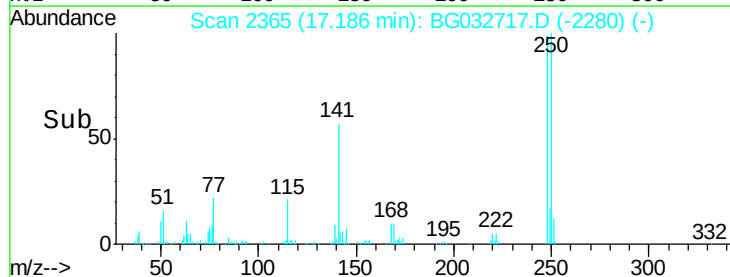
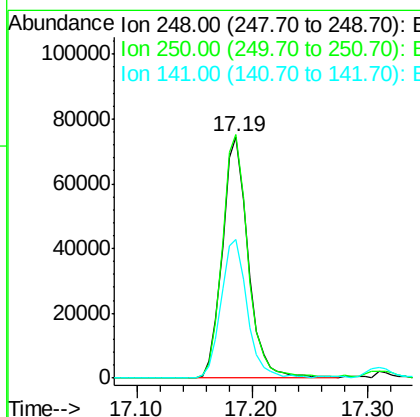
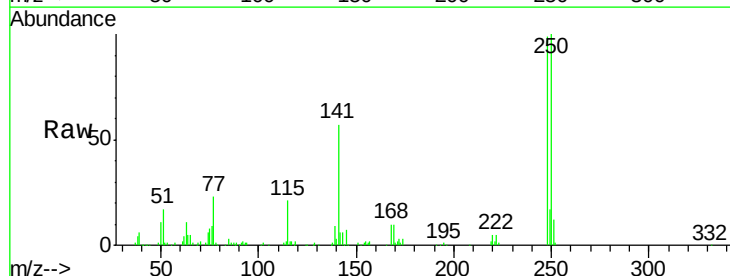
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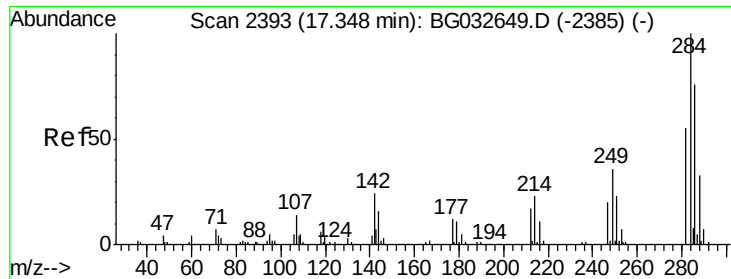
Sohil
 2/16/2018 2:27:24 PM



#66
 4-Bromophenyl-phenylether
 Concen: 33.274 ng
 RT: 17.19 min Scan# 2365
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	115475		
250	100.9		77.1	115.7
141	57.6		50.8	76.2





#67

Hexachlorobenzene

Concen: 35.440 ng

RT: 17.31 min Scan# 2386

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

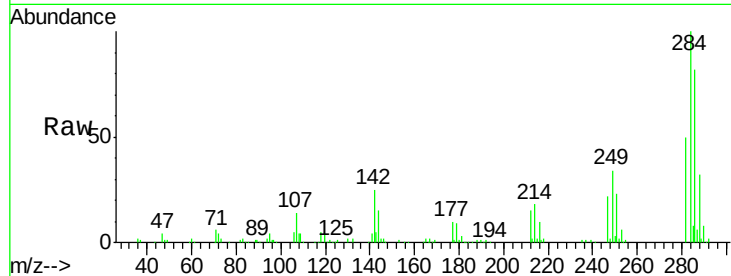
ClientSampleId :

HR-06-021418-AMSD

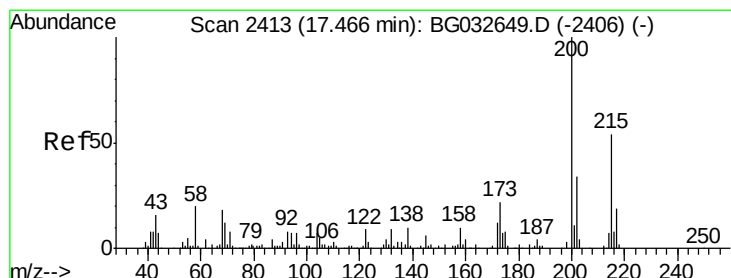
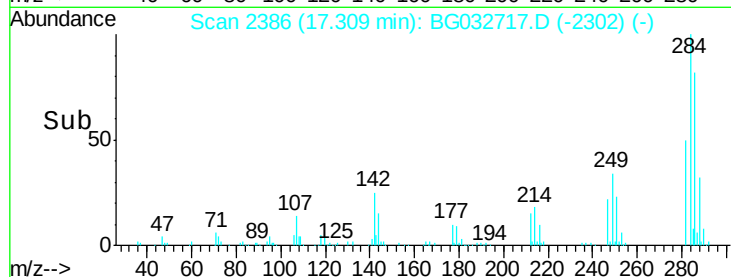
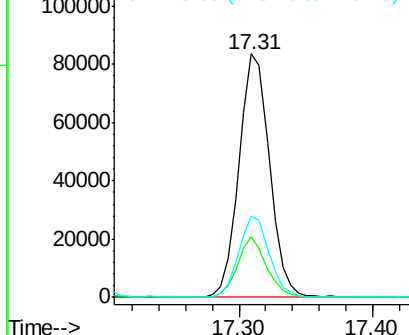
Tot Ion:	284	Resp:	132100
Ion Ratio	Lower	Upper	
284	100		
142	24.8	26.8	40.2#
249	33.5	26.3	39.5

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



#68

Atrazine

Concen: 32.580 ng

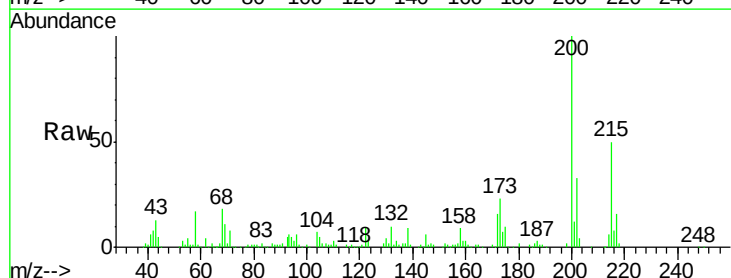
RT: 17.43 min Scan# 2407

Delta R.T. -0.03 min

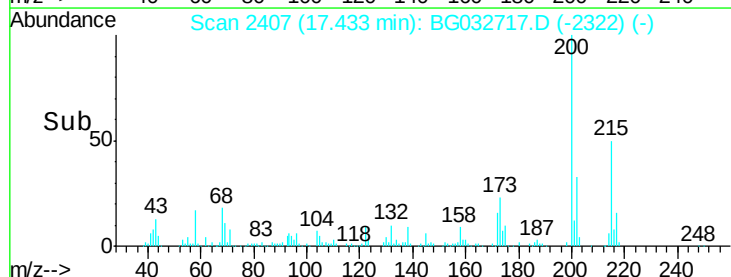
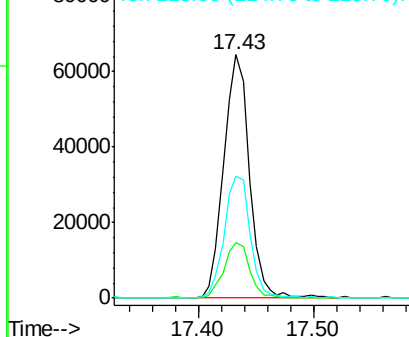
Lab File: BG032717.D

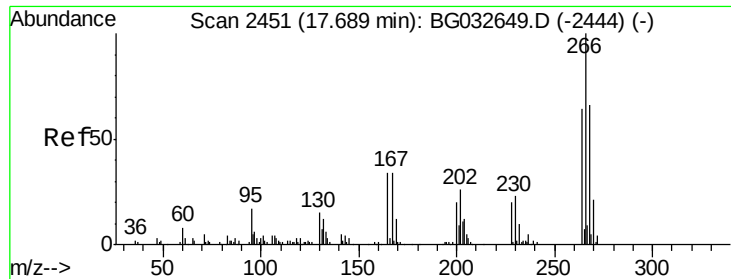
Acq: 15 Feb 2018 17:17

Tgt Ion:	200	Resp:	99383
Ion Ratio	Lower	Upper	
200	100		
173	22.7	5.2	45.2
215	50.4	30.4	70.4



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





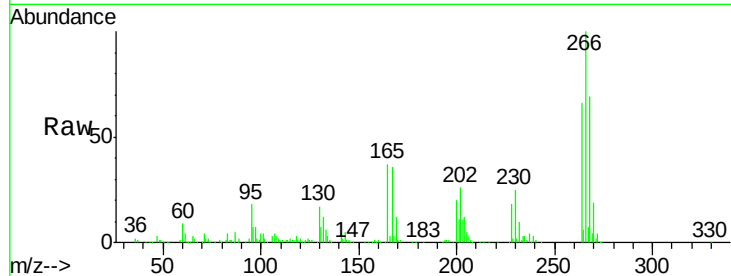
#69
 Pentachlorophenol
 Concen: 83.791 ng
 RT: 17.65 min Scan# 2444
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.7	51.1	76.7
264	65.7	49.6	74.4

Manual Integrations
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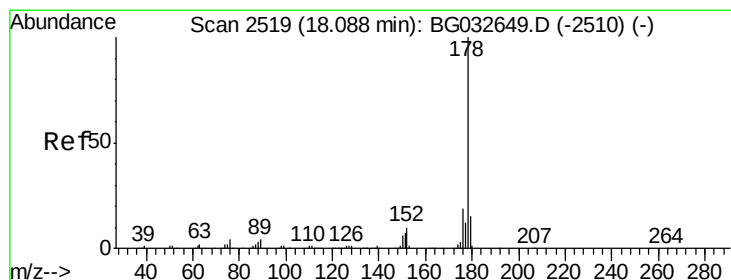
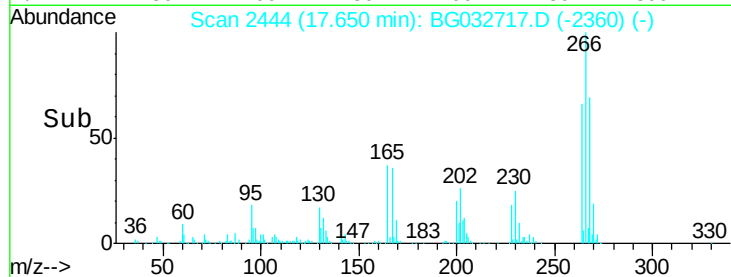
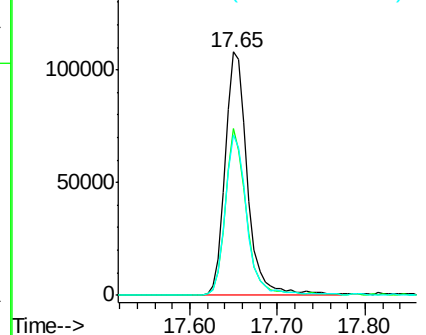


Abundance

Ion 265.70 (265.40 to 266.40): E

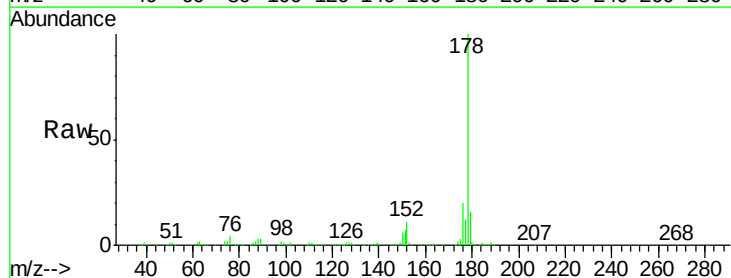
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 41.398 ng
 RT: 18.06 min Scan# 2513
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.8	12.5	18.7

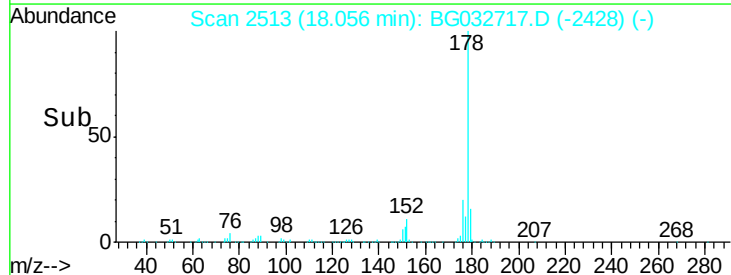
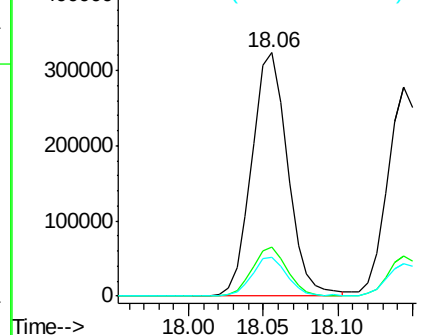


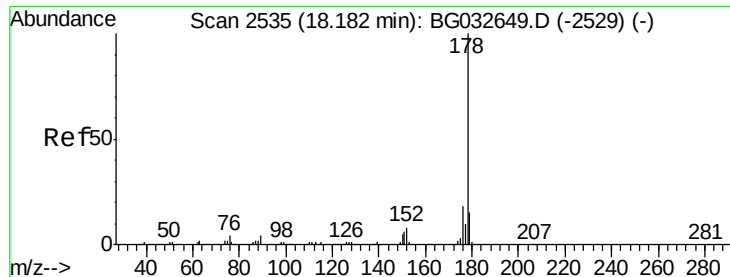
Abundance

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





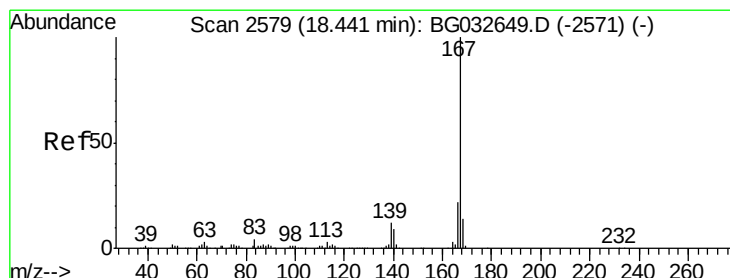
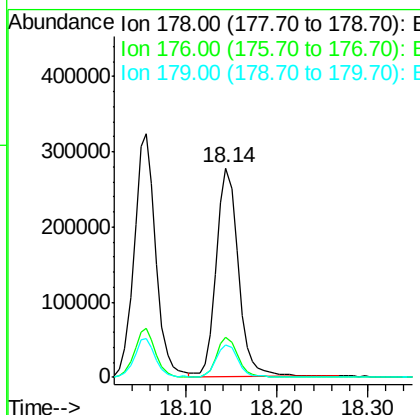
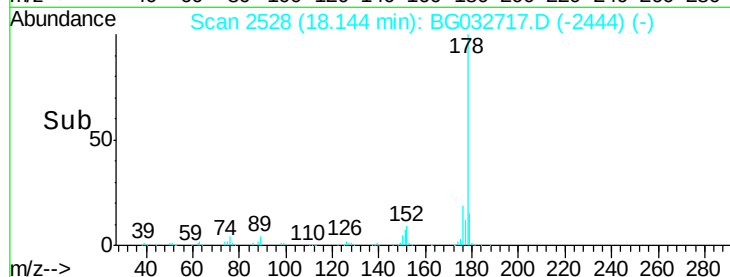
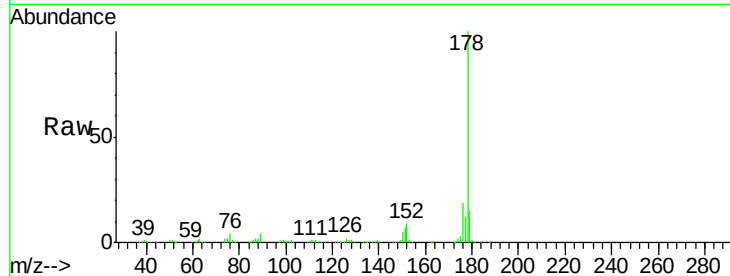
#71
 Anthracene
 Concen: 35.237 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.2	12.5	18.7

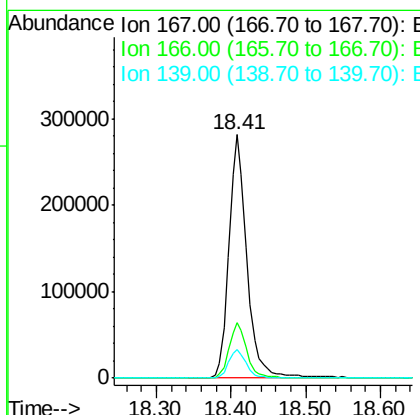
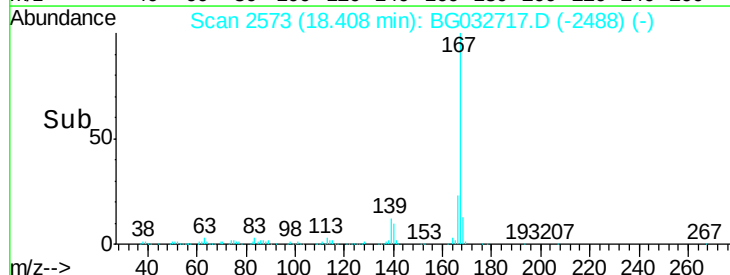
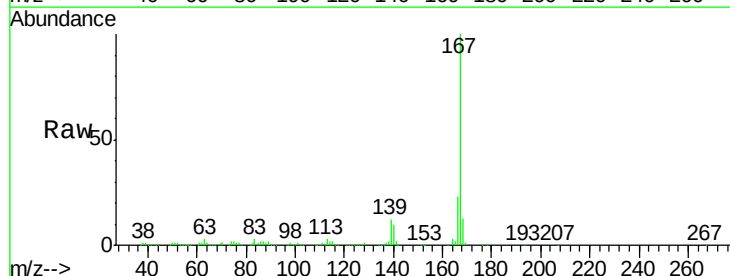
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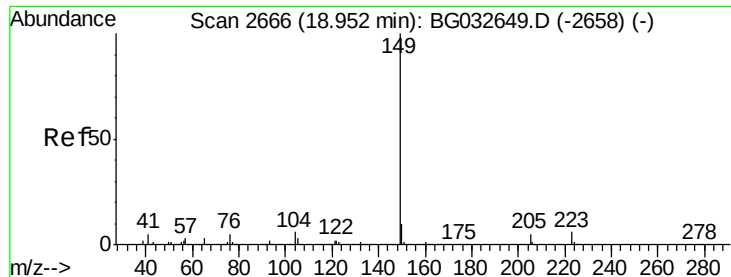
Sohil
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#72
 Carbazole
 Concen: 41.822 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	11.7	9.4	14.2





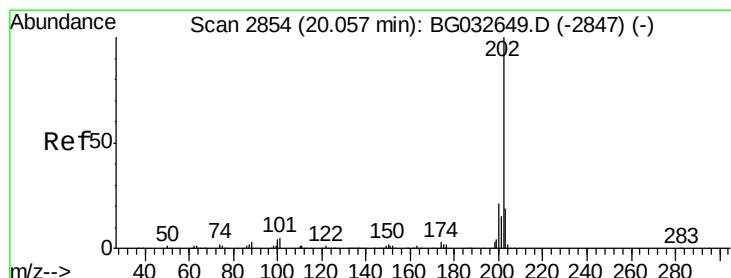
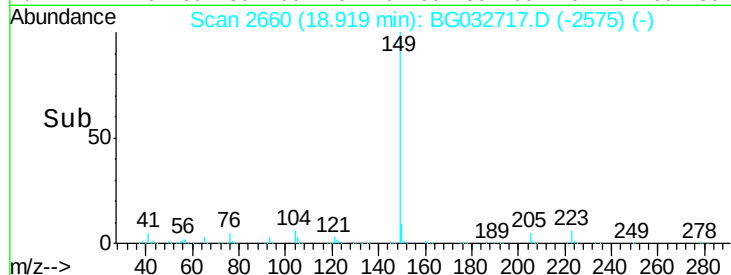
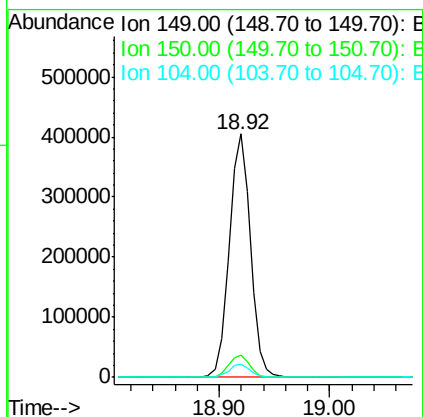
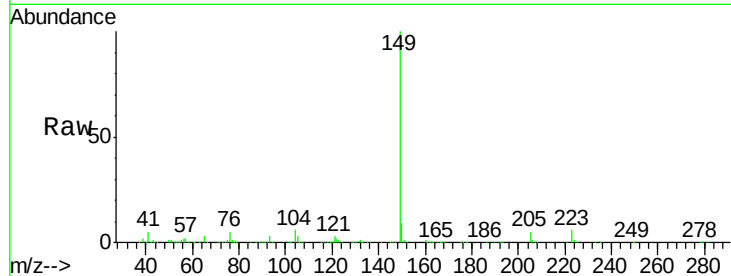
#73
Di-n-butylphthalate
Concen: 42.744 ng
RT: 18.92 min Scan# 2660
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	5.7	3.9	5.9	

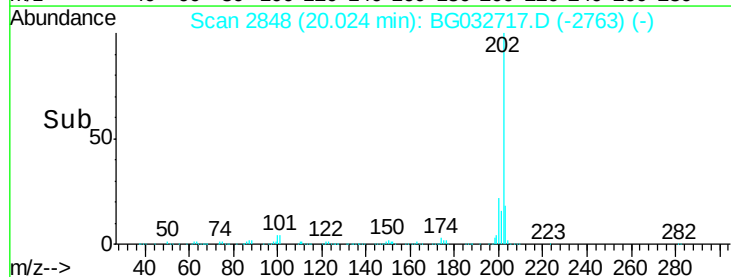
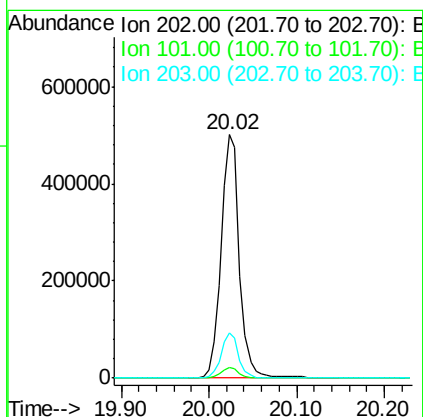
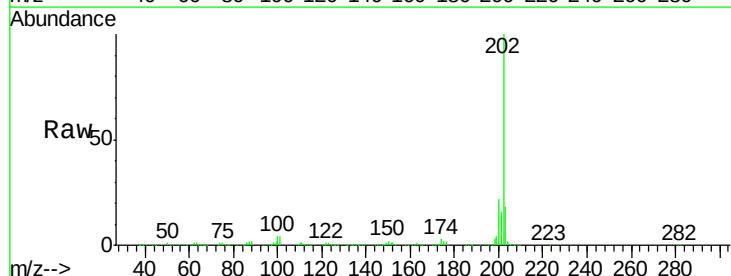
Manual Integrations
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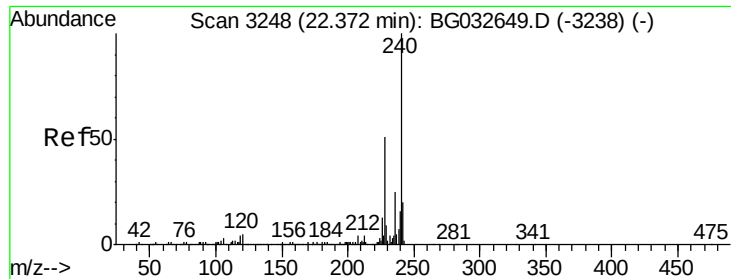
Sohil
2/16/2018 2:27:24 PM



#74
Fluoranthene
Concen: 41.387 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	4.2	0.0	28.9	
203	18.5	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.33 min Scan# 3241

Delta R.T. -0.04 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

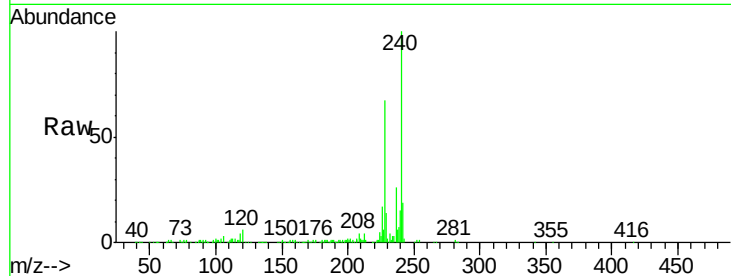
ClientSampleId :

HR-06-021418-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.8	20.9	31.3

Manual Integrations
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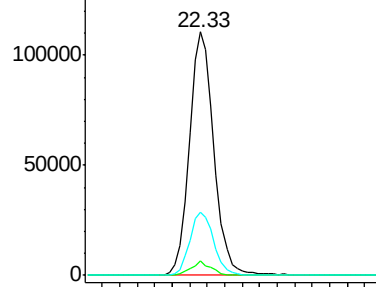
Sohil
2/16/2018 2:27:24 PM



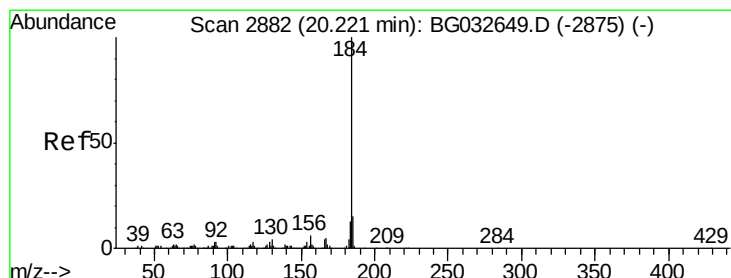
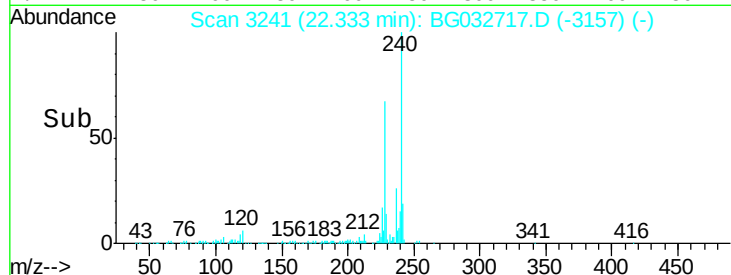
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 4.558 ng m

RT: 20.25 min Scan# 2887

Delta R.T. 0.03 min

Lab File: BG032717.D

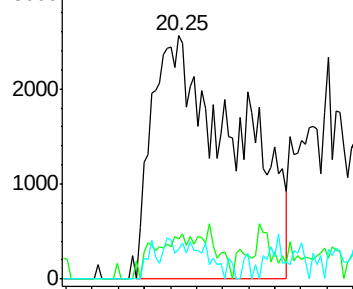
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	12.2	10.6	16.0

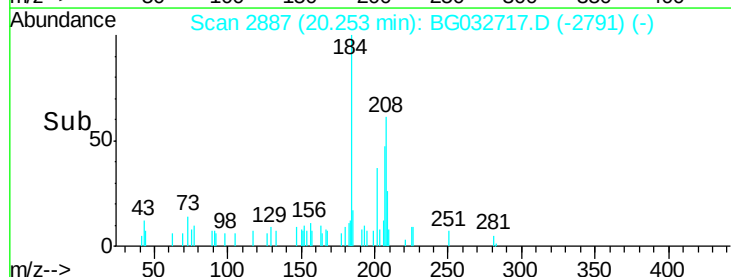
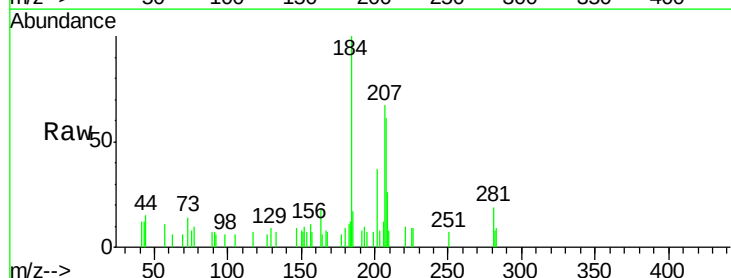
Abundance Ion 184.00 (183.70 to 184.70): E

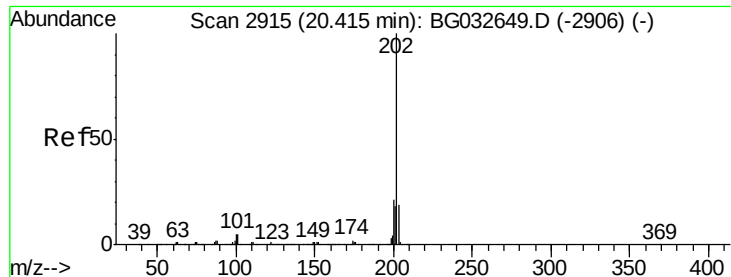
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 47.842 ng

RT: 20.38 min Scan# 2909

Delta R.T. -0.03 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

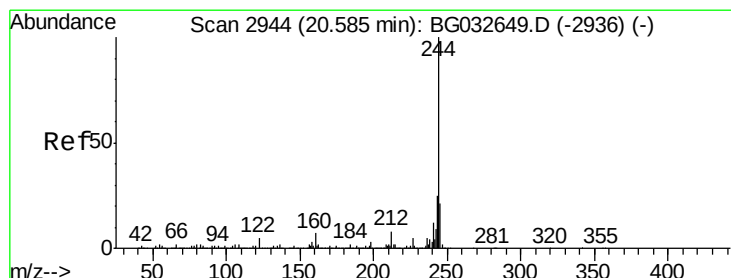
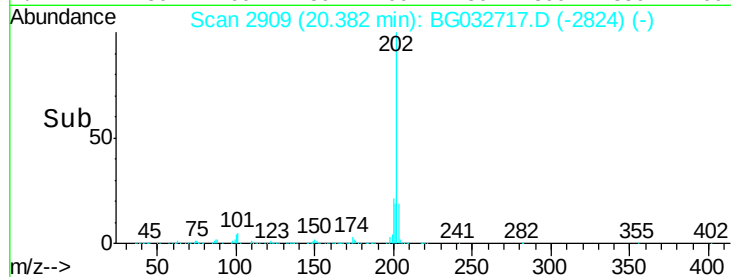
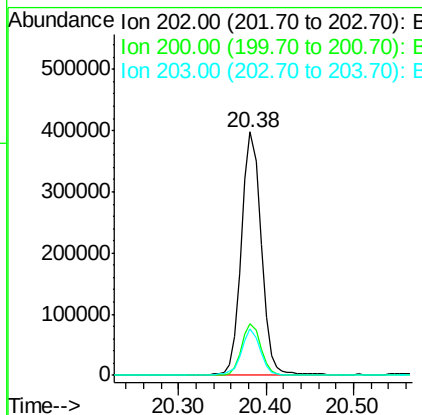
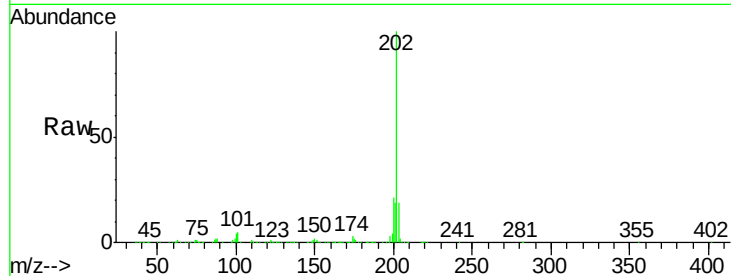
ClientSampleId :

HR-06-021418-AMSD

Tot Ion:	202	Resp:	605636
Ion Ratio		Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.8	13.9	20.9

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#78

Terphenyl-d14

Concen: 123.564 ng

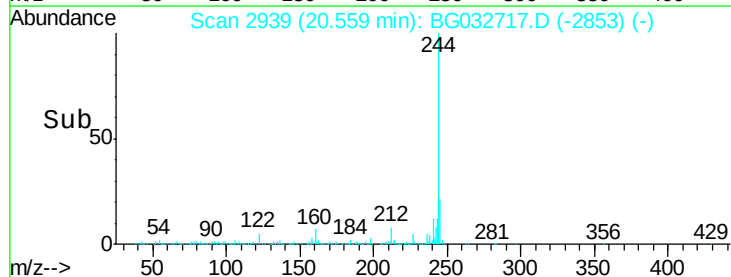
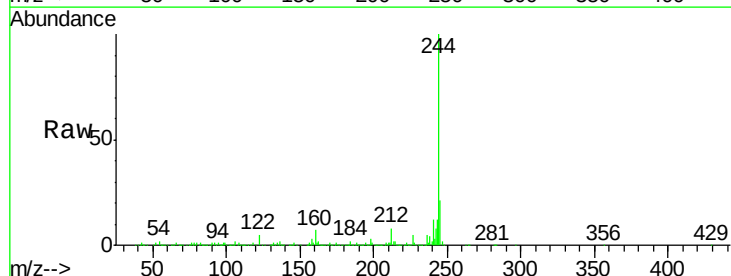
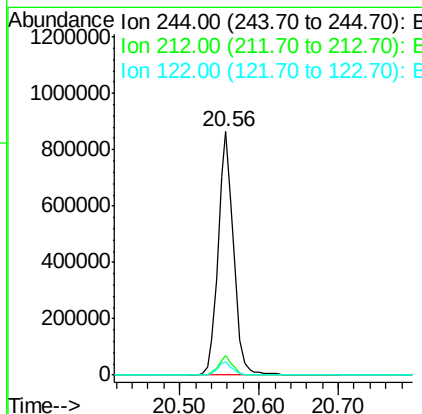
RT: 20.56 min Scan# 2939

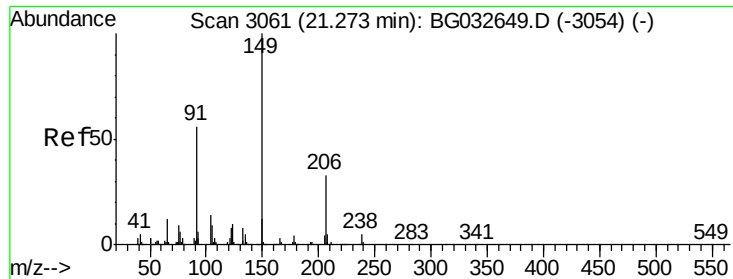
Delta R.T. -0.03 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Tgt Ion:	244	Resp:	1153585
Ion Ratio		Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.2	7.0	10.4#





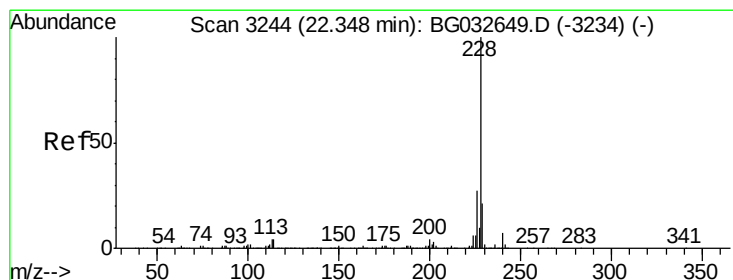
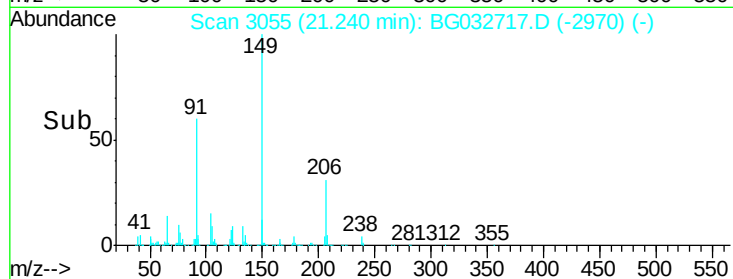
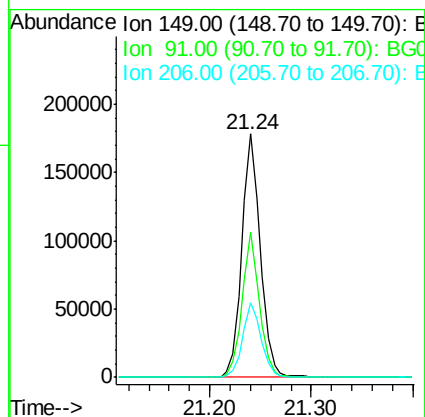
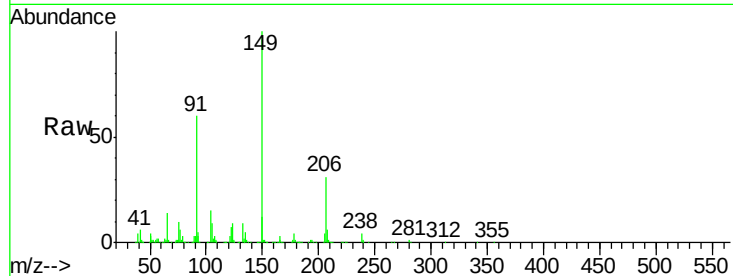
#79
Butylbenzylphthalate
Concen: 54.361 ng
RT: 21.24 min Scan# 3055
Delta R.T. -0.03 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	59.8	62.2	93.2#
206	30.5	18.6	27.8#

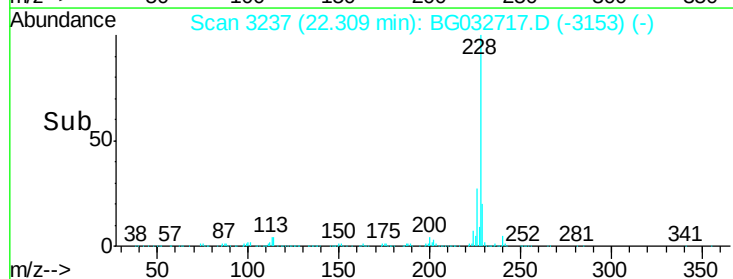
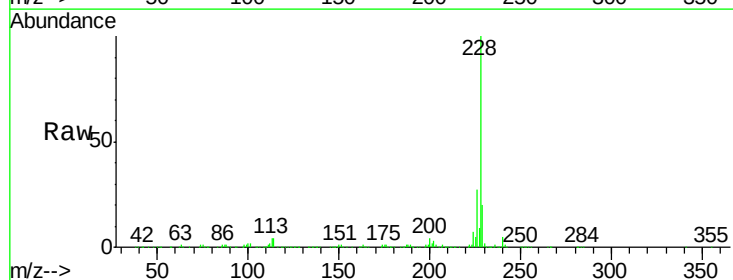
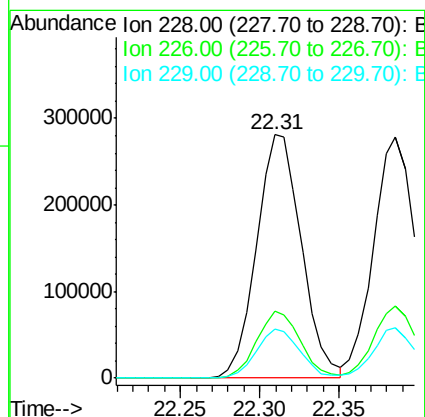
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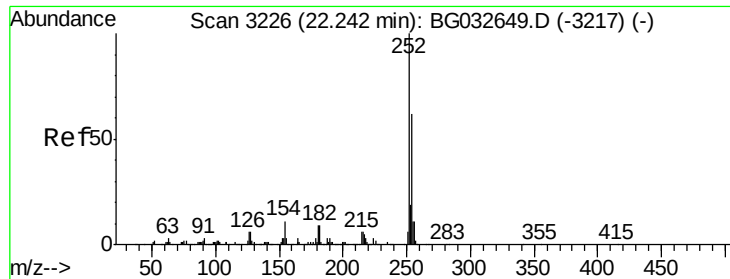
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#80
Benzo(a)anthracene
Concen: 41.418 ng
RT: 22.31 min Scan# 3237
Delta R.T. -0.04 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	22.7	34.1
229	20.2	16.2	24.2





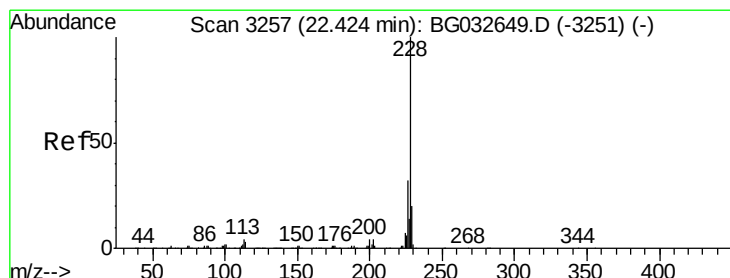
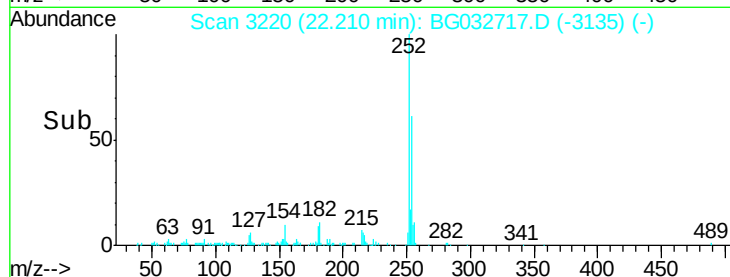
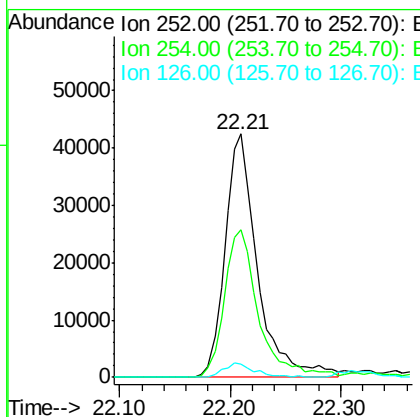
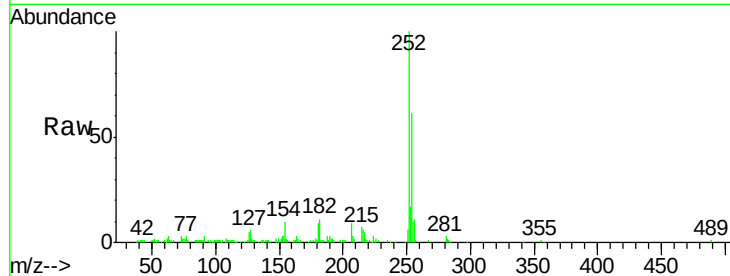
#81
 3,3'-Dichlorobenzidine
 Concen: 17.466 ng
 RT: 22.21 min Scan# 3220
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.8	50.8	76.2
126	5.2	7.4	11.2

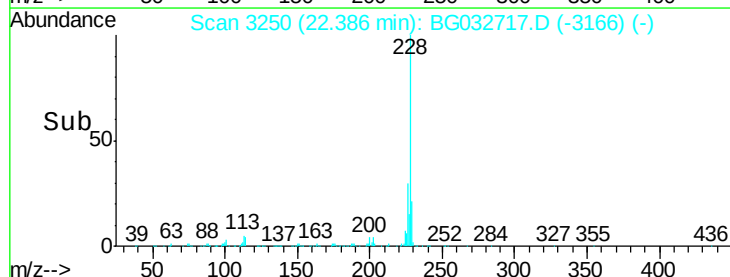
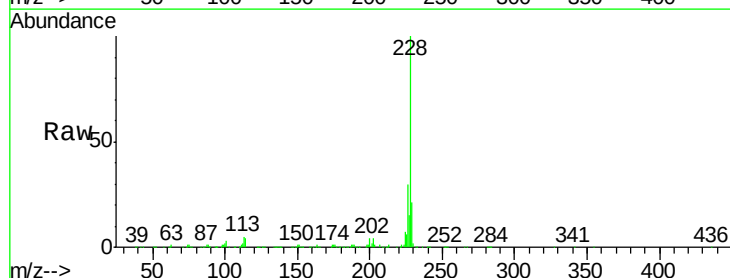
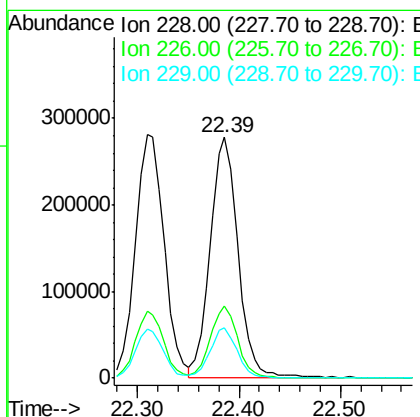
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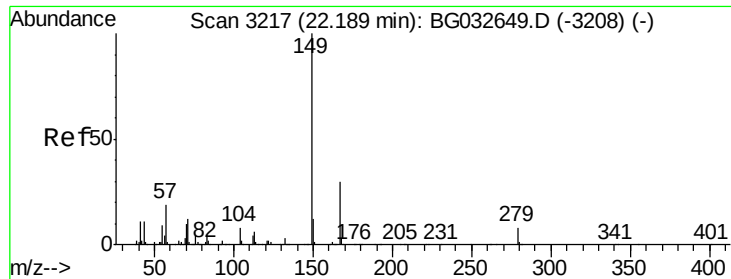
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#82
 Chrysene
 Concen: 40.001 ng
 RT: 22.39 min Scan# 3250
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.8	15.0	22.4





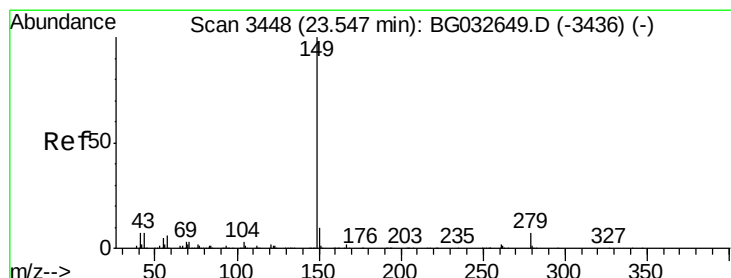
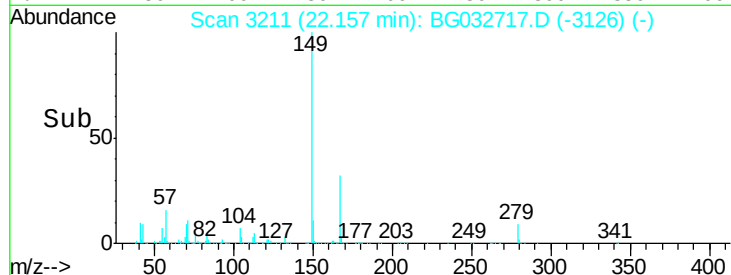
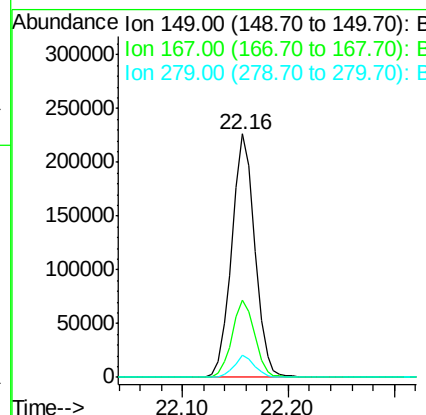
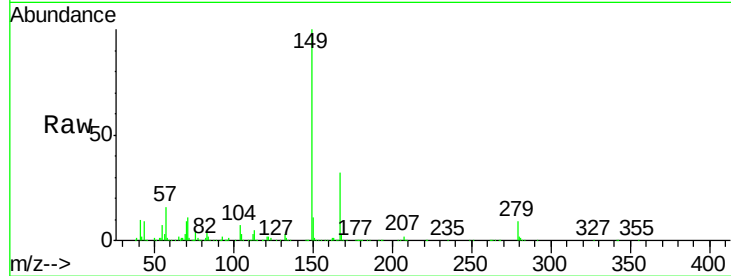
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.821 ng
 RT: 22.16 min Scan# 3211
 Delta R.T. -0.03 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.0	24.3	36.5
279	9.0	4.0	6.0

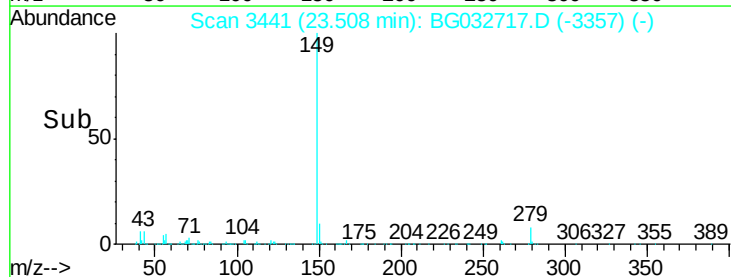
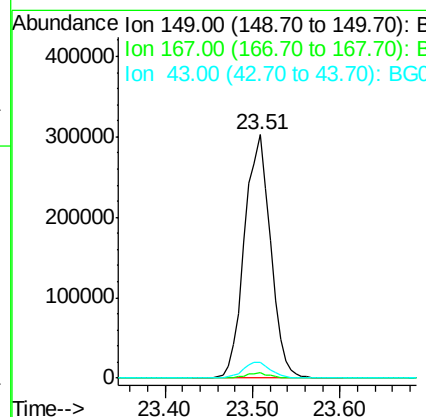
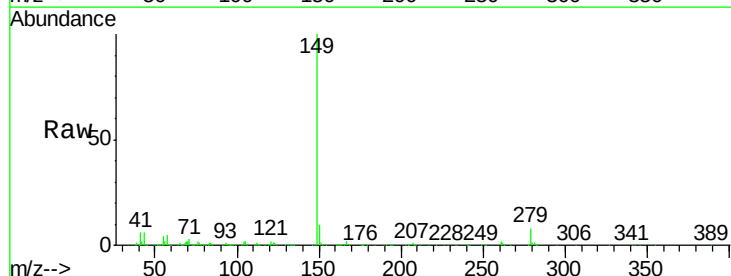
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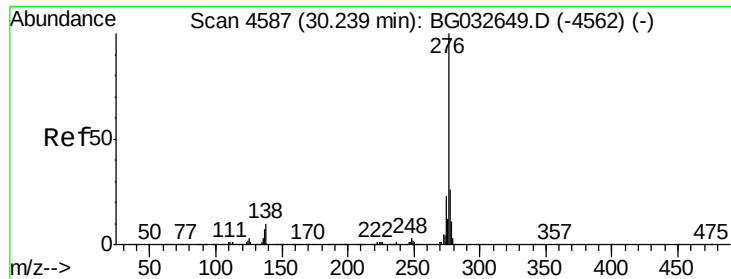
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#84
 Di-n-octyl phthalate
 Concen: 64.210 ng
 RT: 23.51 min Scan# 3441
 Delta R.T. -0.04 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.5	8.9	13.3





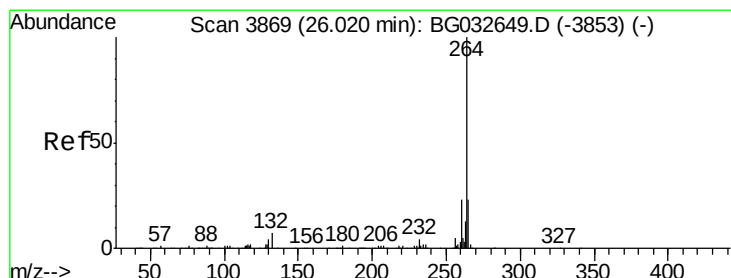
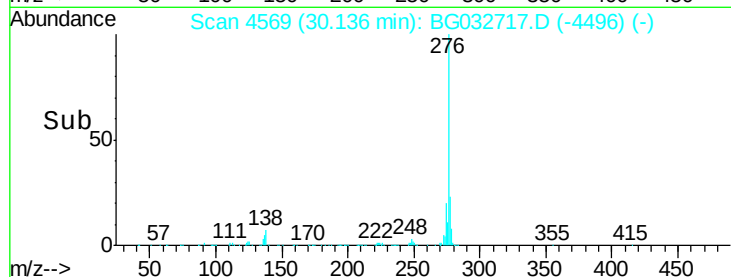
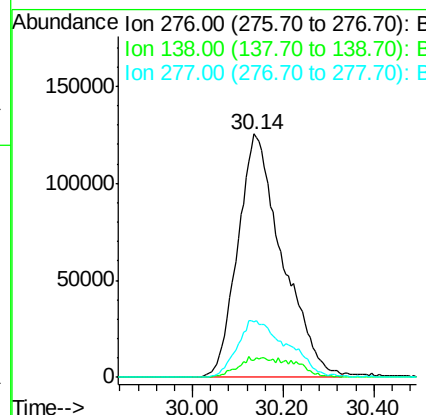
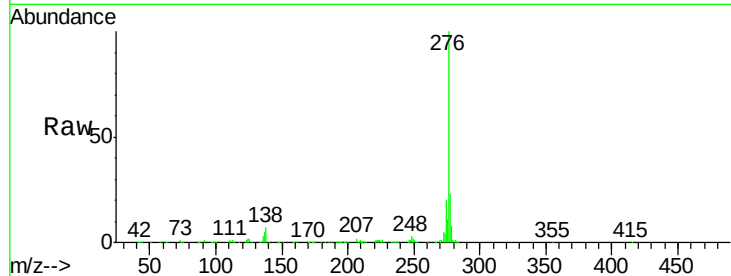
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.822 ng
 RT: 30.14 min Scan# 4569
 Delta R.T. -0.10 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.2	16.0	24.0#
277	26.3	20.0	30.0

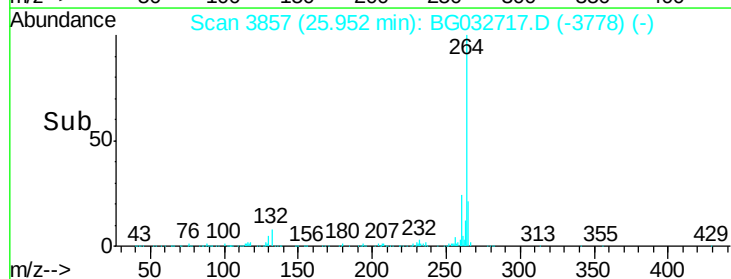
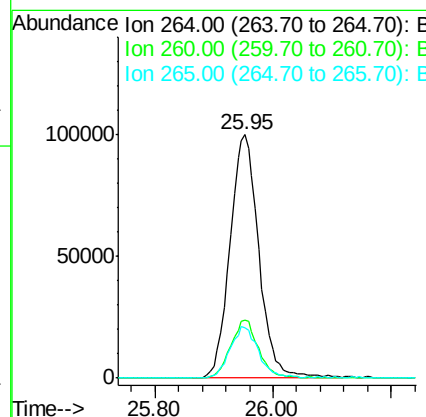
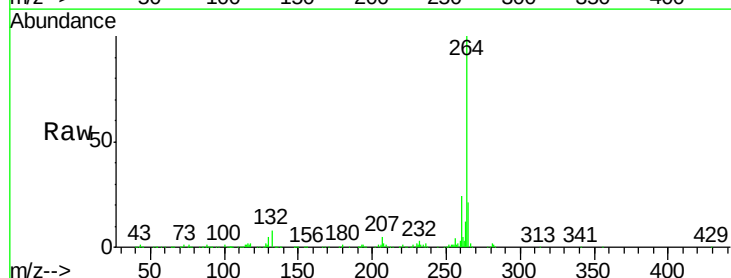
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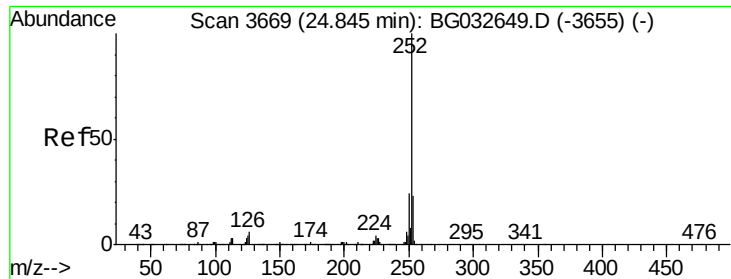
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.95 min Scan# 3857
 Delta R.T. -0.07 min
 Lab File: BG032717.D
 Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.7	17.7	26.5





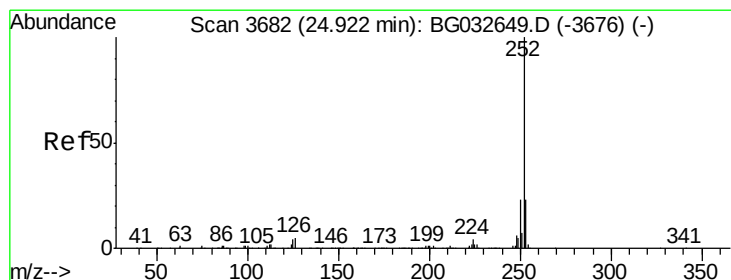
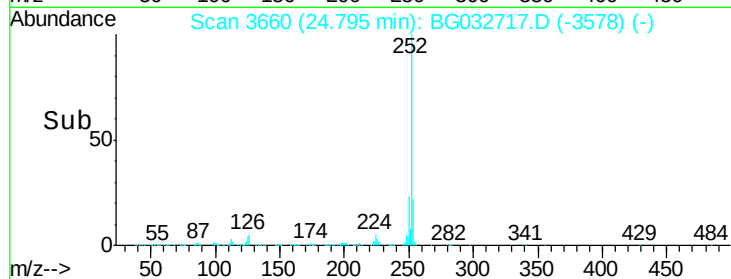
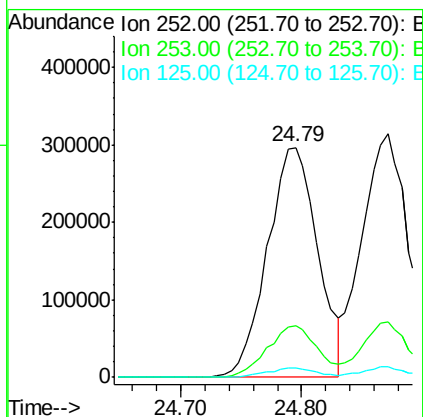
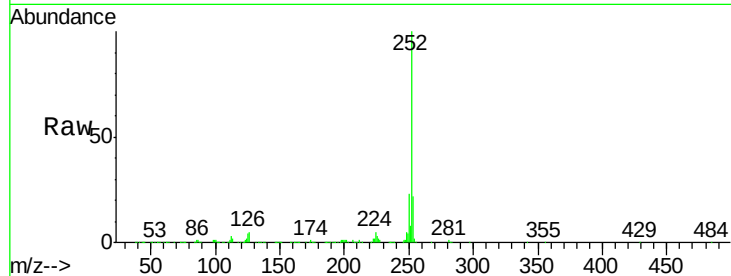
#87
Benzo(b)fluoranthene
Concen: 42.225 ng
RT: 24.79 min Scan# 3660
Delta R.T. -0.05 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	3.8	7.2	10.8

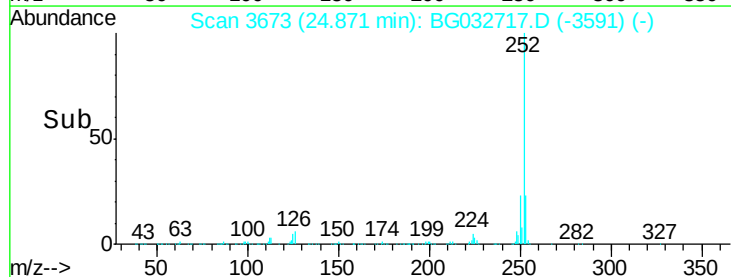
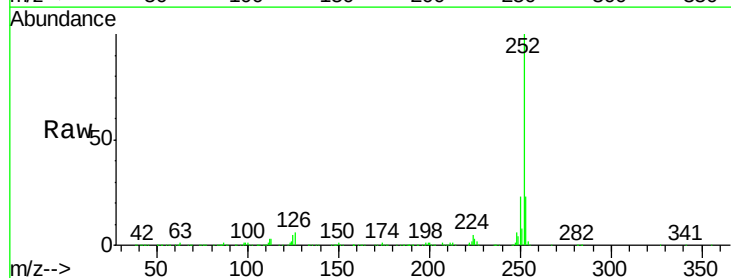
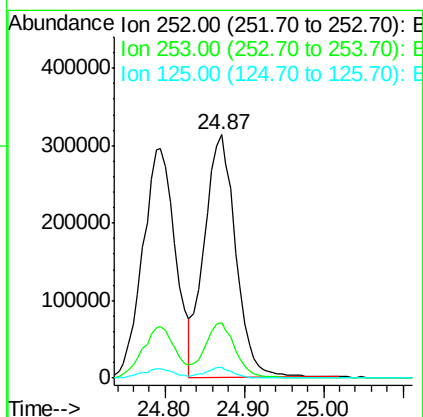
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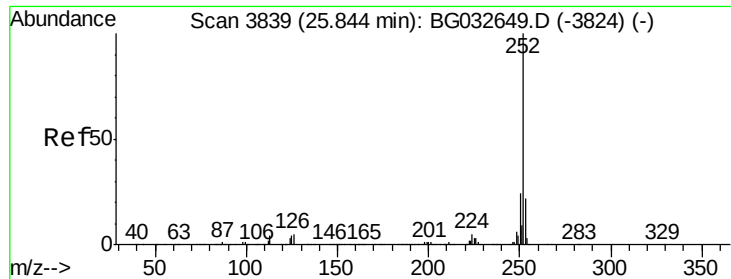
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#88
Benzo(k)fluoranthene
Concen: 41.008 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	4.6	6.6	9.8





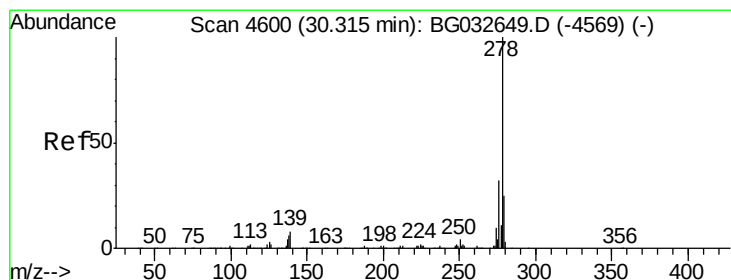
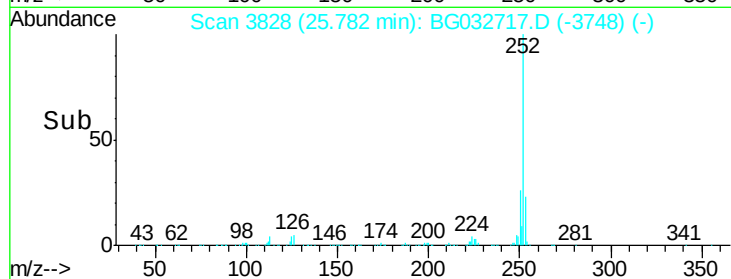
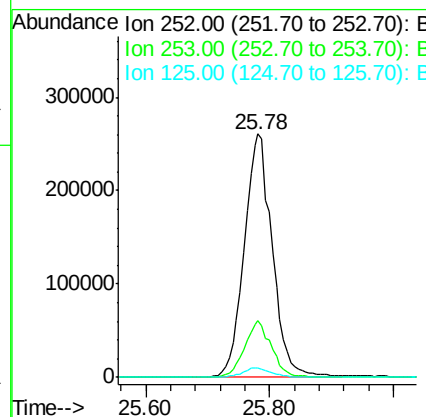
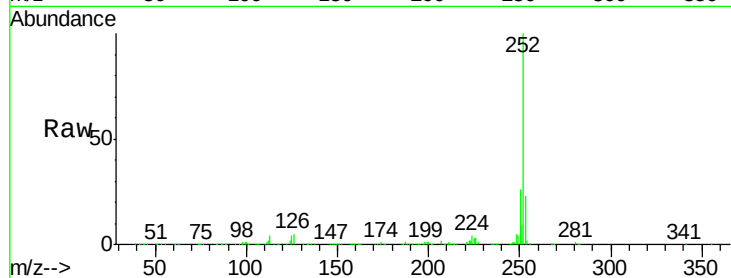
#89
Benzo(a)pyrene
Concen: 41.593 ng
RT: 25.78 min Scan# 3828
Delta R.T. -0.06 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	4.1	7.3	10.9#

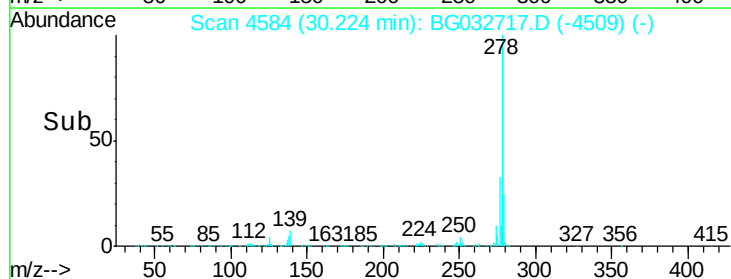
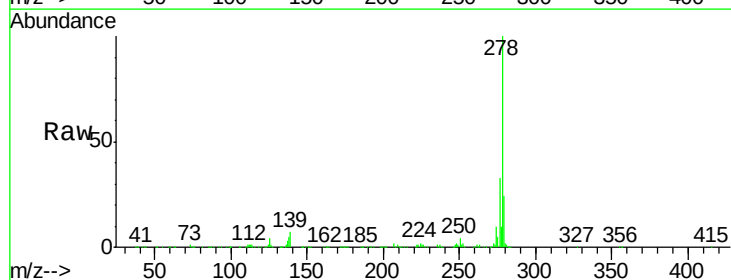
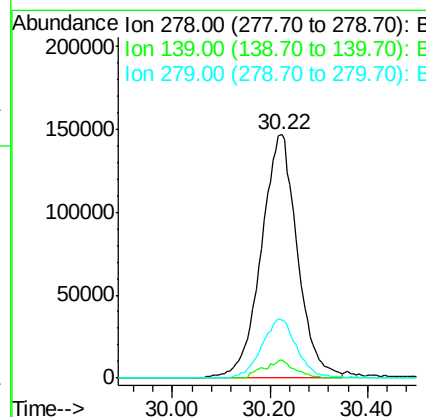
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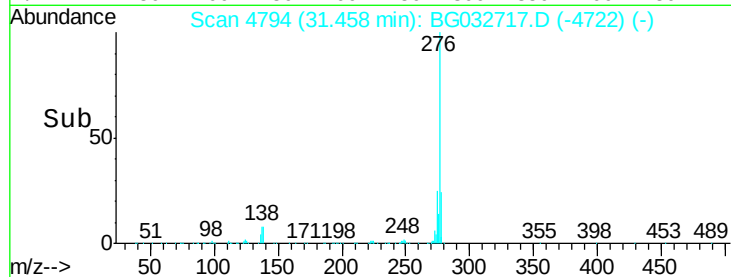
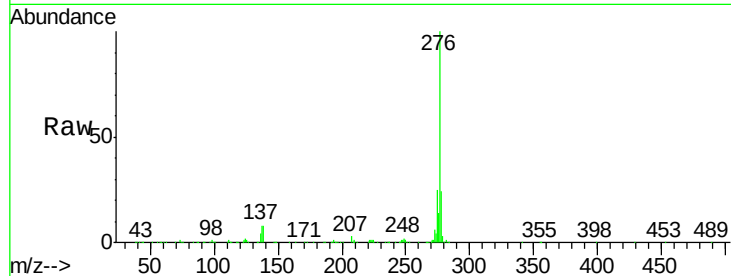
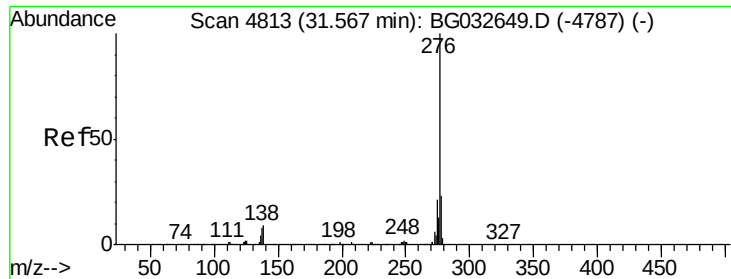
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#90
Dibenzo(a,h)anthracene
Concen: 38.497 ng
RT: 30.22 min Scan# 4584
Delta R.T. -0.09 min
Lab File: BG032717.D
Acq: 15 Feb 2018 17:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.4	9.8	14.6#
279	23.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 41.573 ng

RT: 31.46 min Scan# 4794

Delta R.T. -0.11 min

Lab File: BG032717.D

Acq: 15 Feb 2018 17:17

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-AMSD

Tot Ion:	276	Resp:	790090
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.3	27.5
138	8.0	13.9	20.9#

Manual Integrations
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