

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042291.D
 Acq On : 17 Aug 2019 15:27
 Operator : HP/JU
 Sample : K3616-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Manual Integrations
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 8/19/2019 2:19:48 PM

Quant Time: Aug 19 08:37:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60368	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	229670	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	173416	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	417787	20.00	ng	0.00
76) Chrysene-d12	21.70	240	452884	20.00	ng	0.00
87) Perylene-d12	24.95	264	545583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	396036	127.64	ng	0.00
7) Phenol-d6	7.17	99	504834	120.69	ng	0.00
23) Nitrobenzene-d5	9.18	82	330548	99.04	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	356503	180.99	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1002465	101.96	ng	0.00
79) Terphenyl-d14	20.03	244	1909176	96.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	44872	30.726	ng	# 45
3) Pyridine	3.84	79	95216	23.776	ng	# 79
4) n-Nitrosodimethylamine	3.75	42	44303	27.906	ng	# 74
6) Aniline	7.33	93	72758	12.353	ng	93
8) 2-Chlorophenol	7.57	128	167427	47.123	ng	87
9) Benzaldehyde	7.14	77	55749	18.941	ng	81
10) Phenol	7.20	94	169947	39.052	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	138300	38.657	ng	85
12) 1,3-Dichlorobenzene	7.90	146	191302	41.254	ng	96
13) 1,4-Dichlorobenzene	8.04	146	194054	41.822	ng	96
14) 1,2-Dichlorobenzene	8.37	146	184775	41.734	ng	94
15) Benzyl Alcohol	8.25	79	123754	37.605	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	181876	28.575	ng	89
17) 2-Methylphenol	8.45	107	136708	43.195	ng	95
18) Hexachloroethane	9.10	117	64763	40.759	ng	87
19) n-Nitroso-di-n-propylamine	8.82	70	110240	36.300	ng	# 80
20) 3+4-Methylphenols	8.79	107	187872	43.379	ng	96
22) Acetophenone	8.84	105	235165	45.777	ng	# 87
24) Nitrobenzene	9.22	77	161334	45.886	ng	91
25) Isophorone	9.75	82	315573	43.467	ng	93
26) 2-Nitrophenol	9.93	139	101807	62.389	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	160450	55.711	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	197458	43.523	ng	99
29) 2,4-Dichlorophenol	10.48	162	195386	55.709	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	207196	46.586	ng	97
31) Naphthalene	10.88	128	509392	48.461	ng	97
32) Benzoic acid	10.13	122	57128	31.445	ng	94
33) 4-Chloroaniline	11.00	127	13108	2.630	ng	# 89
34) Hexachlorobutadiene	11.17	225	133188	44.371	ng	97
35) Caprolactam	11.76	113	48508m	39.797	ng	
36) 4-Chloro-3-methylphenol	12.12	107	186515	53.640	ng	95
37) 2-Methylnaphthalene	12.49	142	408370	49.082	ng	98
38) 1-Methylnaphthalene	12.71	142	392106	49.730	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	254583	46.378	ng	98

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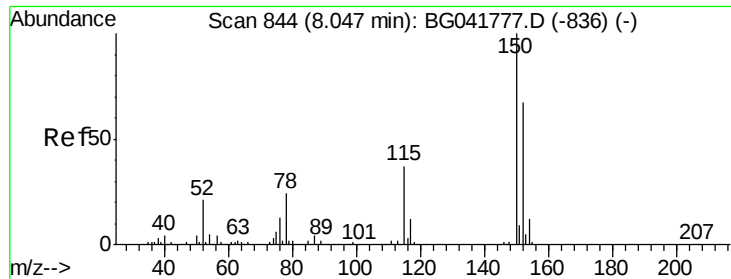
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	239457	77.588	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	181701	52.371	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	200023	55.478	nq #	94
46) 1,1'-Biphenyl	13.50	154	542048	48.624	nq	95
47) 2-Chloronaphthalene	13.54	162	443575	46.736	nq	94
48) 2-Nitroaniline	13.74	65	108814	45.205	nq #	69
49) Acenaphthylene	14.39	152	715372	50.389	nq	97
50) Dimethylphthalate	14.12	163	620364	52.380	nq	99
51) 2,6-Dinitrotoluene	14.24	165	145729	58.844	nq #	78
52) Acenaphthene	14.73	154	423897	45.908	nq	99
53) 3-Nitroaniline	14.56	138	46568	17.577	nq #	83
54) 2,4-Dinitrophenol	14.78	184	108768	74.372	nq #	77
55) Dibenzofuran	15.07	168	707828	50.117	nq	94
56) 4-Nitrophenol	14.89	139	232372	115.545	nq #	80
57) 2,4-Dinitrotoluene	15.03	165	208275	61.154	nq #	83
58) Fluorene	15.72	166	584829	51.599	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202600	56.736	nq #	90
60) Diethylphthalate	15.48	149	594013	51.086	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	340419	49.198	nq	92
62) 4-Nitroaniline	15.73	138	143740	50.089	nq	91
63) Azobenzene	16.00	77	418729	44.084	nq	87
65) 4,6-Dinitro-2-methylphenol	15.80	198	102046	49.633	nq	80
66) n-Nitrosodiphenylamine	15.92	169	560458	49.248	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	240125	46.660	nq	96
68) Hexachlorobenzene	16.73	284	249170	46.280	nq #	89
69) Atrazine	16.87	200	214674	48.011	nq	99
70) Pentachlorophenol	17.07	266	317163	103.698	nq	98
71) Phenanthrene	17.46	178	1012092	50.539	nq	94
72) Anthracene	17.56	178	1027377	51.440	nq	94
73) Carbazole	17.82	167	947714	52.868	nq	94
74) Di-n-butylphthalate	18.38	149	1068406	52.572	nq #	95
75) Fluoranthene	19.48	202	1313845	53.975	nq	92
77) Benzidine	19.65	184	246079	16.647	nq	95
78) Pyrene	19.83	202	1317806	49.112	nq	92
80) Butylbenzylphthalate	20.72	149	535642	52.066	nq #	85
81) Benzo(a)anthracene	21.68	228	1324911	49.447	nq	94
82) 3,3'-Dichlorobenzidine	21.59	252	266619	24.783	nq #	96
83) Chrysene	21.74	228	1274517	49.622	nq	94
84) Bis(2-ethylhexyl)phthalate	21.59	149	751548	52.960	nq	97
85) Di-n-octyl phthalate	22.81	149	1277861	53.506	nq #	86
86) Indeno(1,2,3-cd)pyrene	28.67	276	1741268	51.213	nq #	95
88) Benzo(b)fluoranthene	23.92	252	1443946	48.380	nq #	96
89) Benzo(k)fluoranthene	23.98	252	1444501	49.686	nq #	96
90) Benzo(a)pyrene	24.79	252	1442339	50.389	nq #	95
91) Dibenzo(a,h)anthracene	28.72	278	1426988	50.771	nq #	97
92) Benzo(g,h,i)perylene	29.83	276	1452744	51.735	nq #	93

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



#1

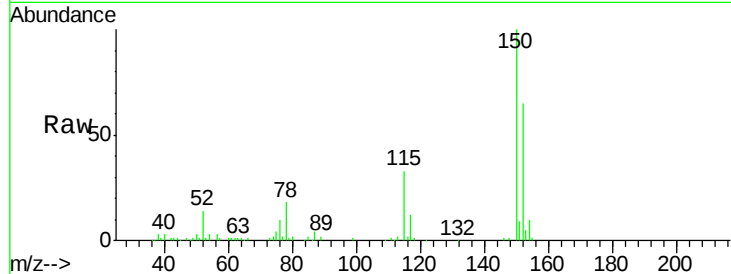
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

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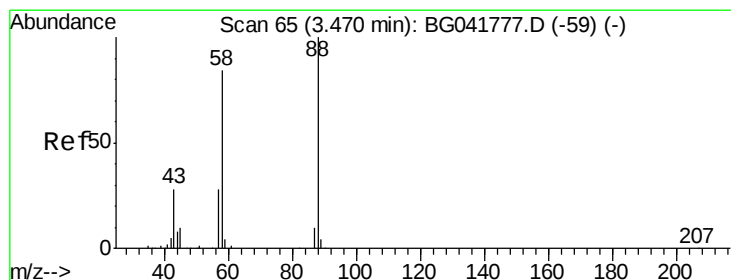
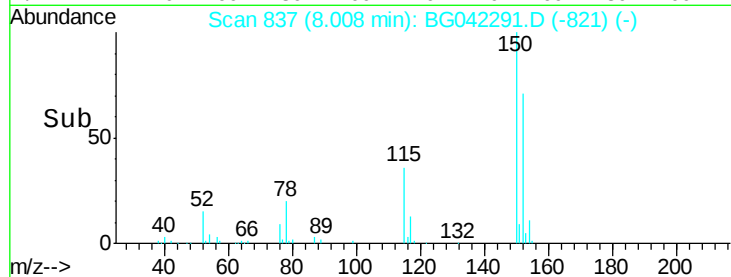
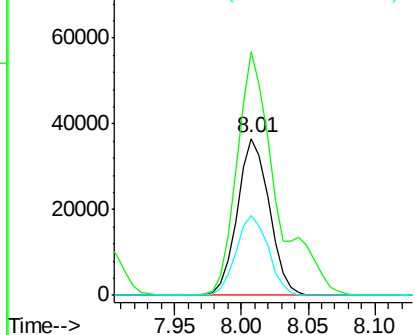
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.9	190.3
115	50.7	45.0	67.6

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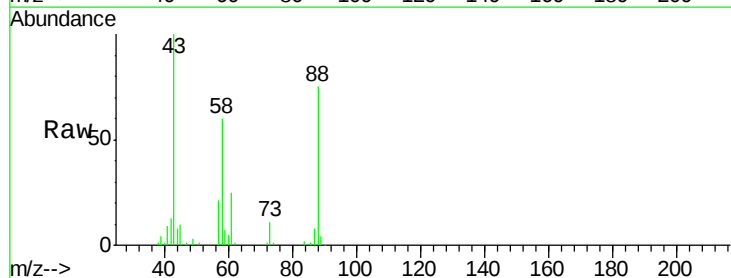
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



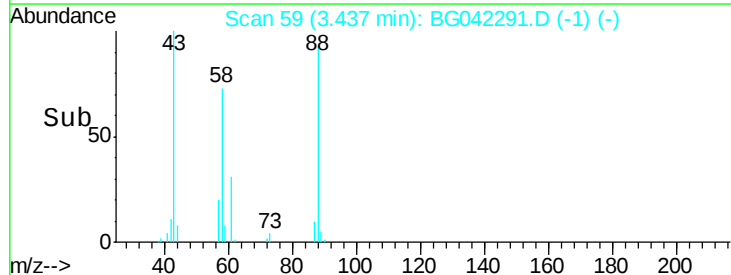
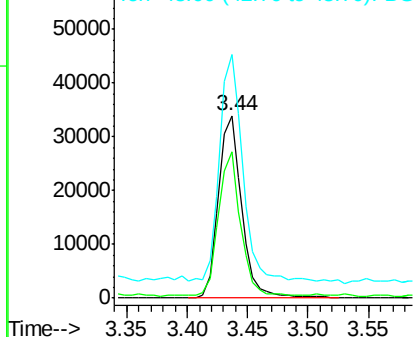
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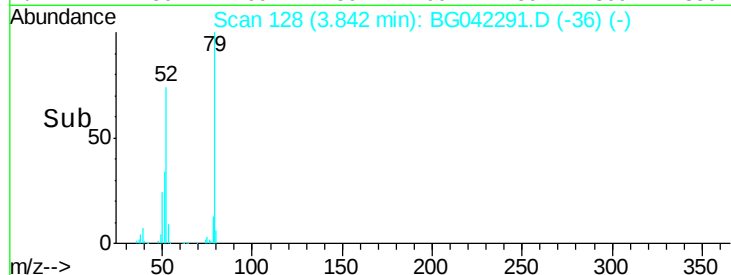
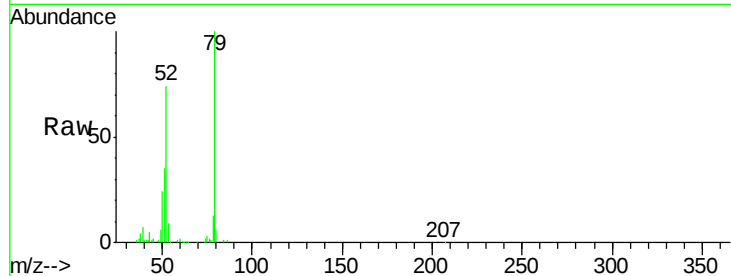
1,4-Dioxane
Concen: 30.726 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	76.2	114.2
43	123.0	27.2	40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





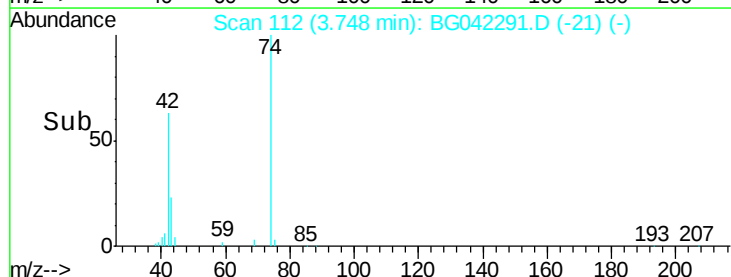
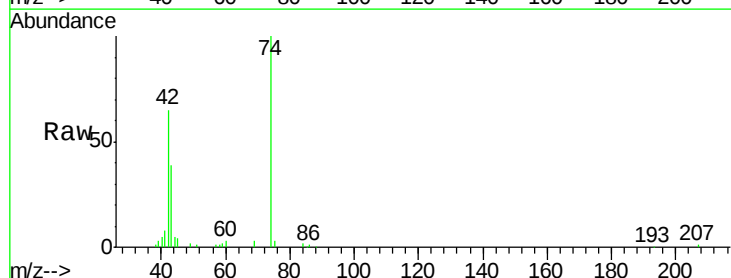
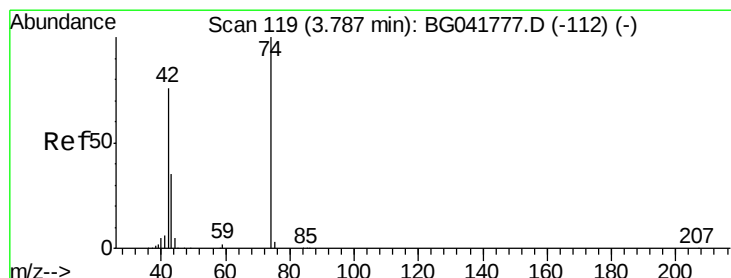
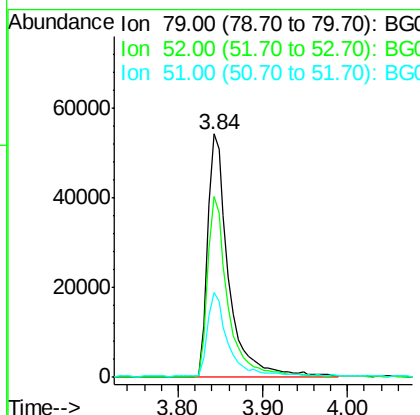
#3
 Pvridine
 Concen: 23.776 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.5	77.1	115.7#
51	34.8	37.8	56.8#

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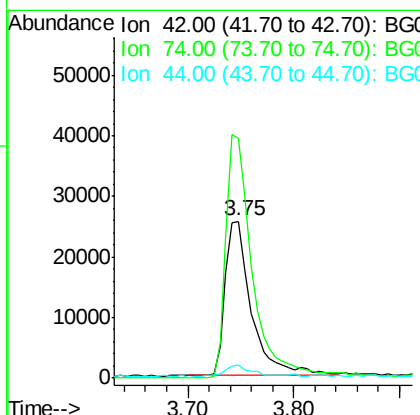
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#4
 n-Nitrosodimethylamine
 Concen: 27.906 ng
 RT: 3.75 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.9	97.4	146.2#
44	8.0	6.6	9.8





#5

2-Fluorophenol

Concen: 127.640 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

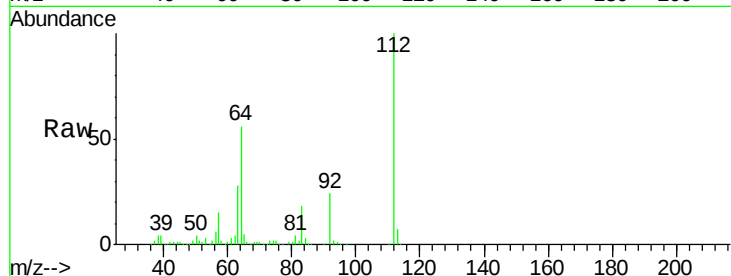
ClientSampleId :

JC-03-081519-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		396036		
64	55.6	55.4	83.2		
63	28.2	29.1	43.7		

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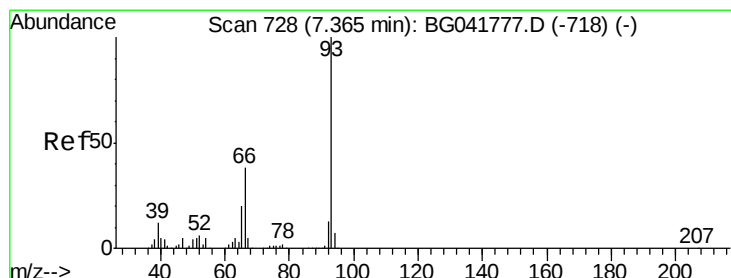
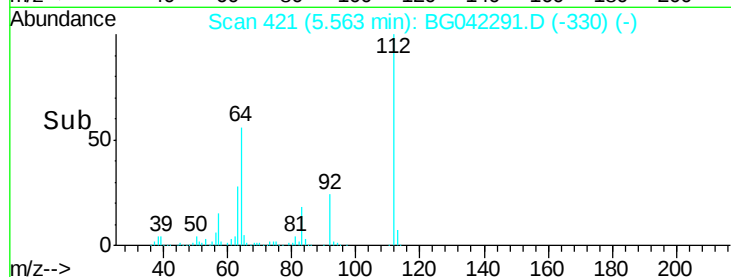
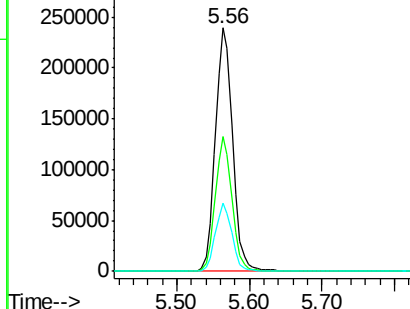
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.353 ng

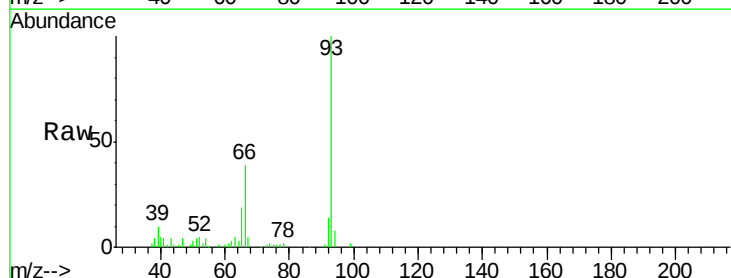
RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

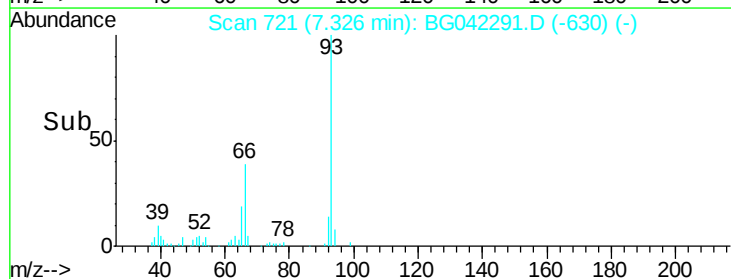
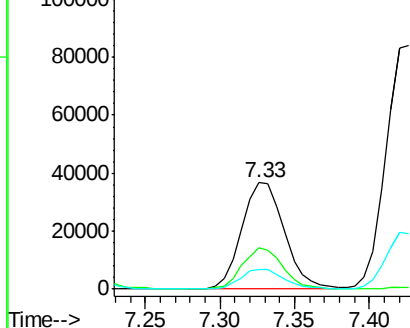
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		72758		
66	38.7	34.2	51.2		
65	18.7	18.2	27.2		

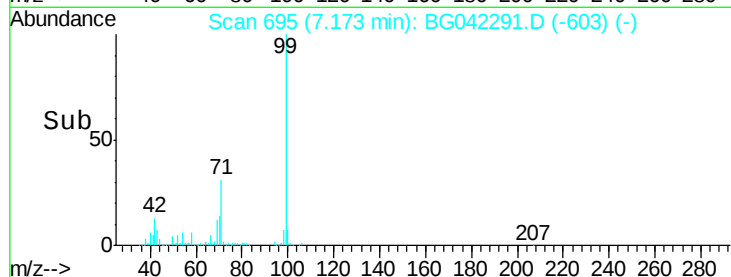
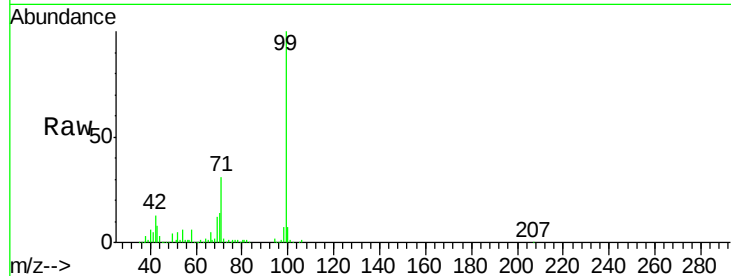
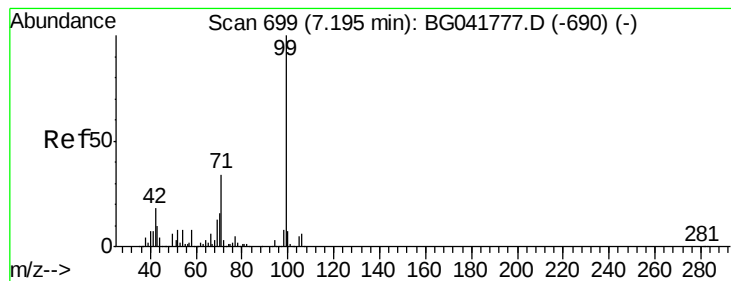


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.686 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tot Ion:	99	Resp:	504834
Ion Ratio	Lower	Upper	
99	100		
42	13.4	17.6	26.4#
71	30.9	27.8	41.6

Instrument :

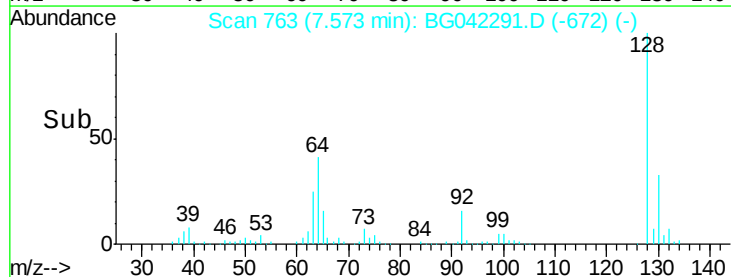
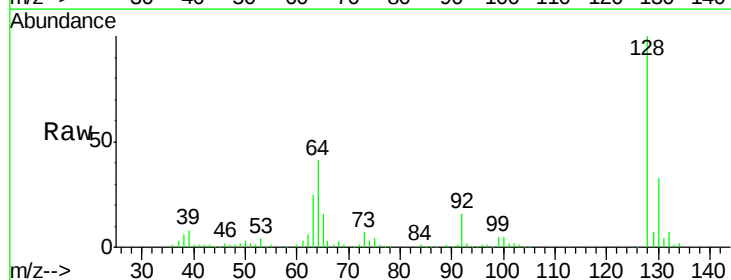
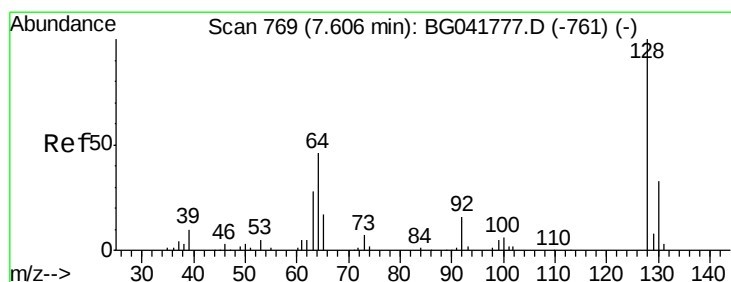
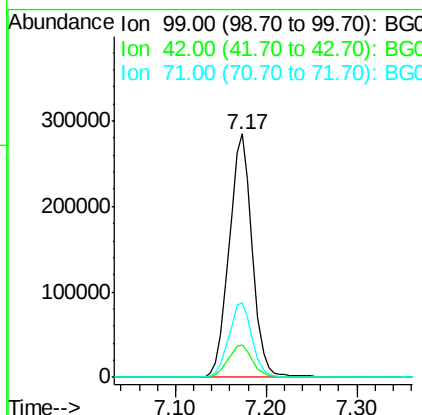
BNA_G

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#8

2-Chlorophenol

Concen: 47.123 ng

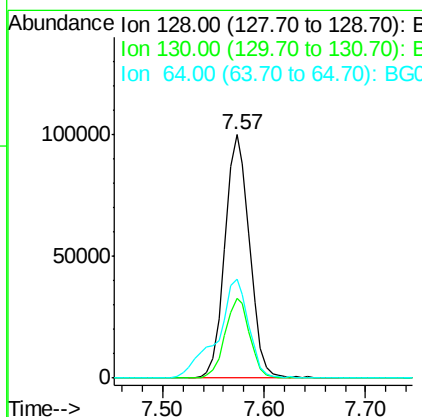
RT: 7.57 min Scan# 763

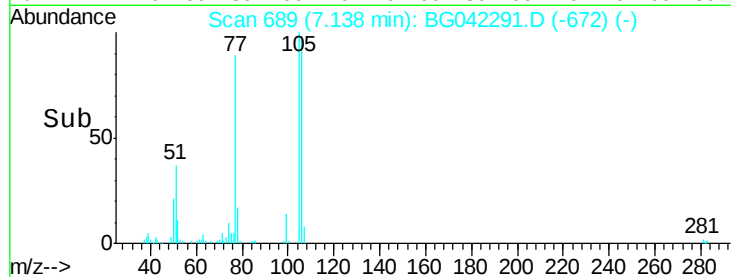
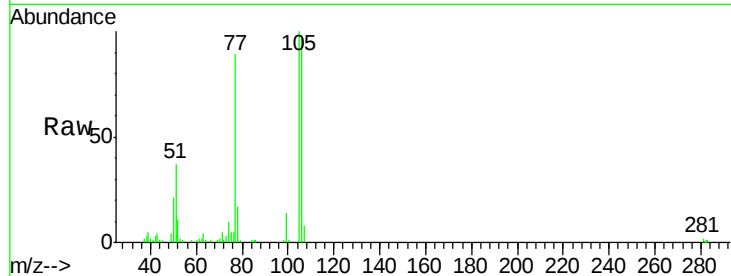
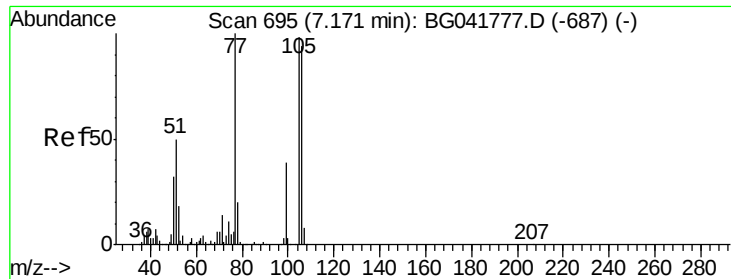
Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	128	Resp:	167427
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.4	52.4
64	40.8	34.9	74.9





#9

Benzaldehyde

Concen: 18.941 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tot Ion:	77	Resp:	55749
Ion	Ratio	Lower	Upper
77	100		
105	112.5	74.6	114.6
106	110.3	71.1	111.1

Instrument :

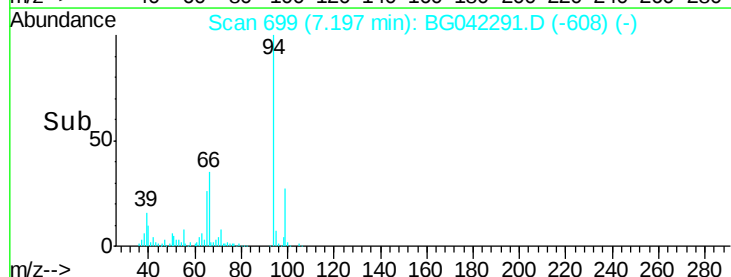
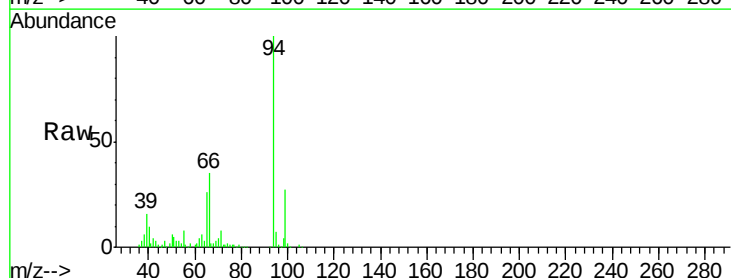
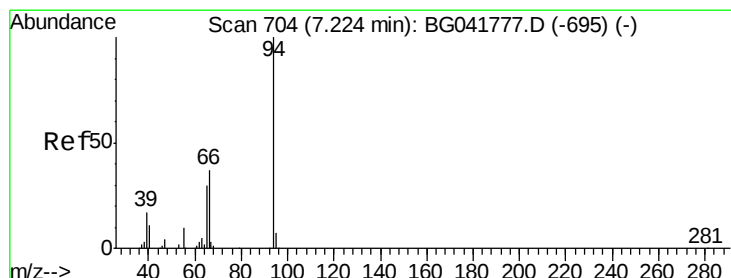
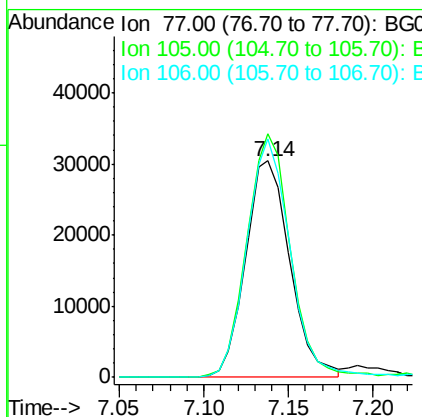
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#10

Phenol

Concen: 39.052 ng

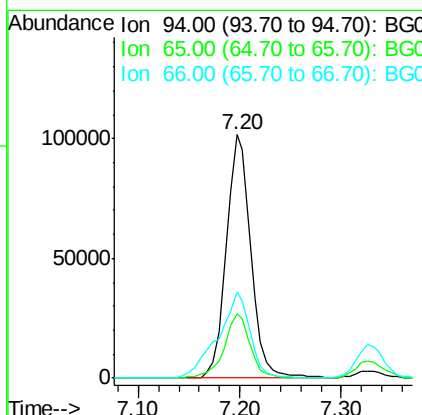
RT: 7.20 min Scan# 699

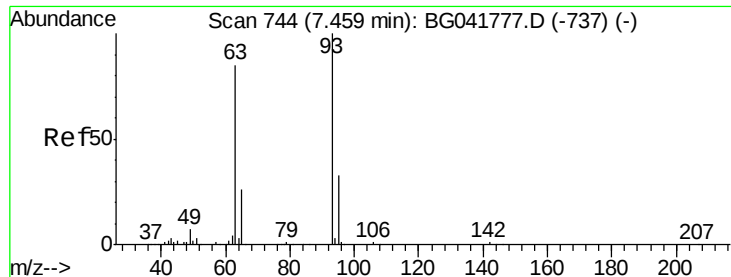
Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	94	Resp:	169947
Ion	Ratio	Lower	Upper
94	100		
65	26.4	10.6	50.6
66	35.3	18.2	58.2





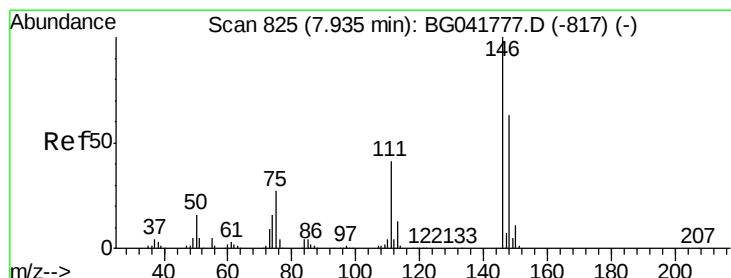
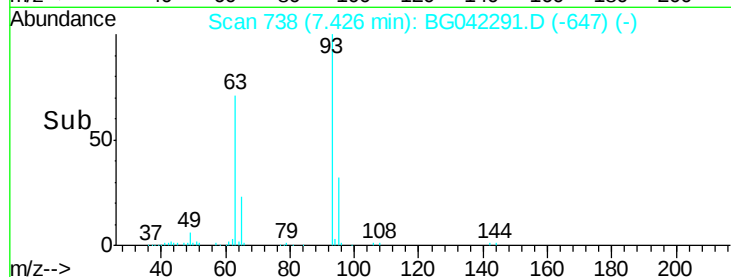
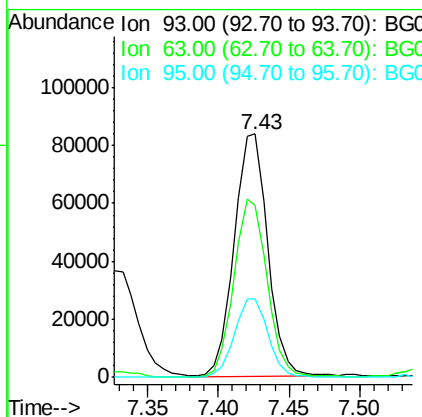
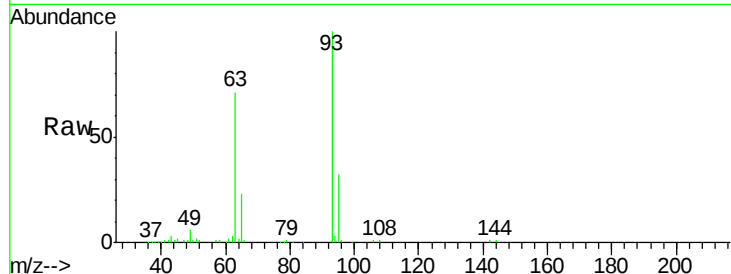
#11
bis(2-Chloroethyl)ether
Concen: 38.657 ng
RT: 7.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion:	93	Resp:	138300
Ion	Ratio	Lower	Upper
93	100		
63	70.9	70.4	110.4
95	32.2	12.8	52.8

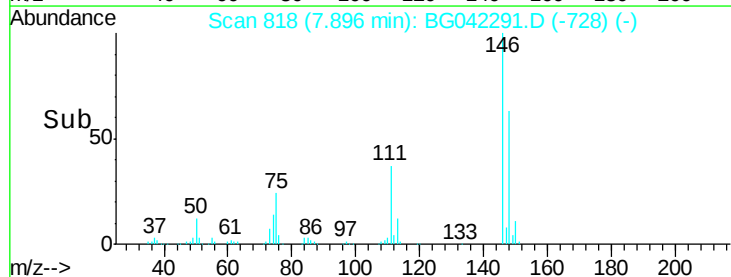
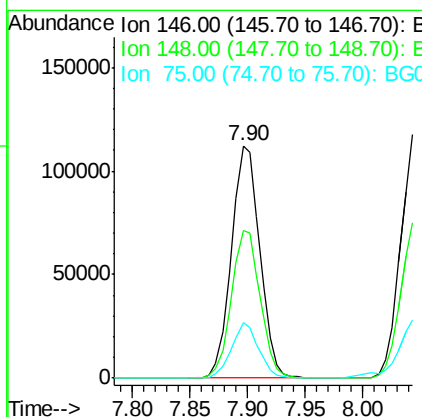
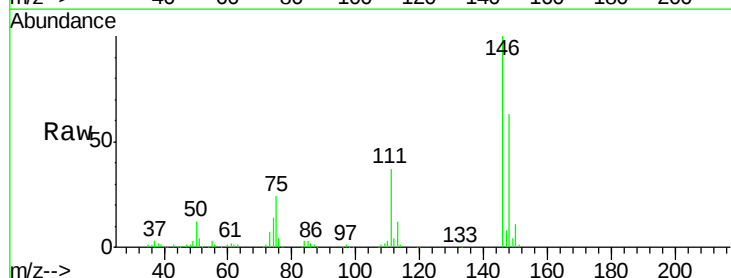
Manual Integrations
APPROVED

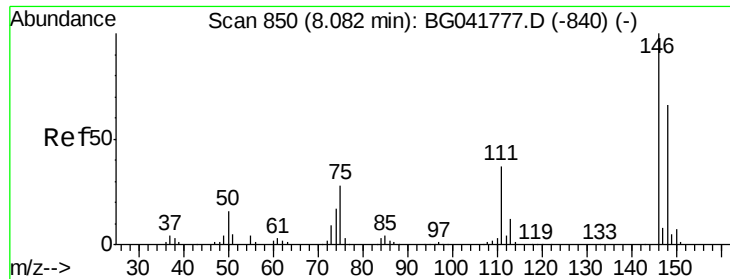
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 41.254 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:	146	Resp:	191302
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
75	23.7	23.2	34.8





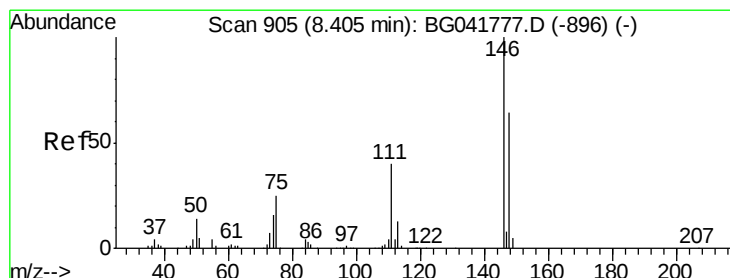
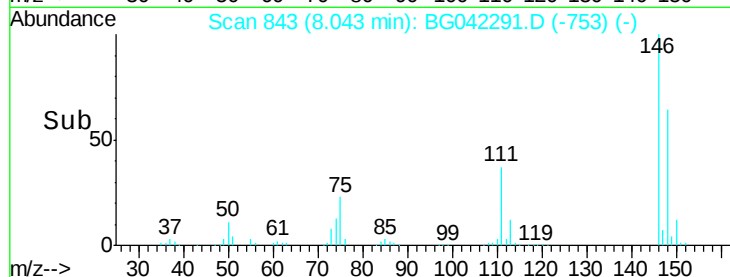
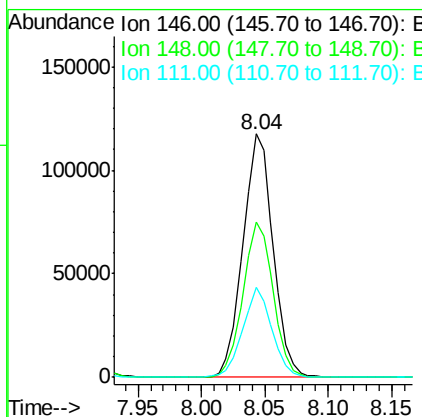
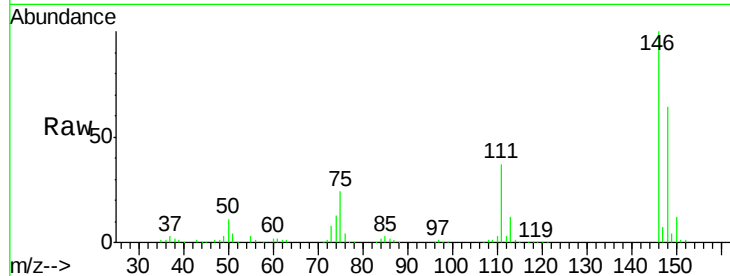
#13
 1,4-Dichlorobenzene
 Concen: 41.822 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	79.0
111	36.7	32.5	48.7

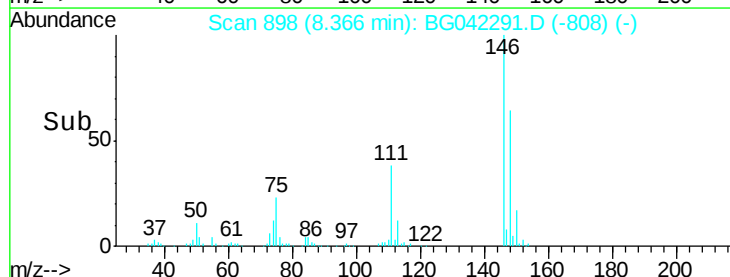
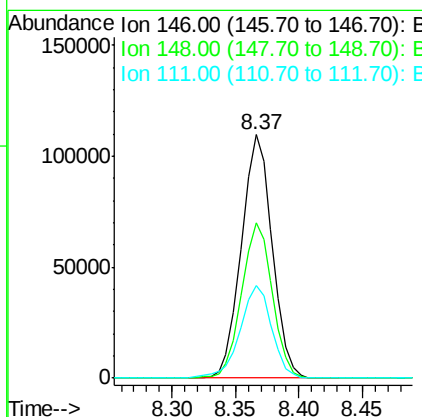
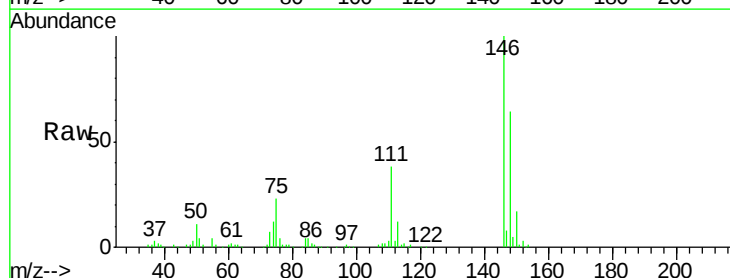
Manual Integrations
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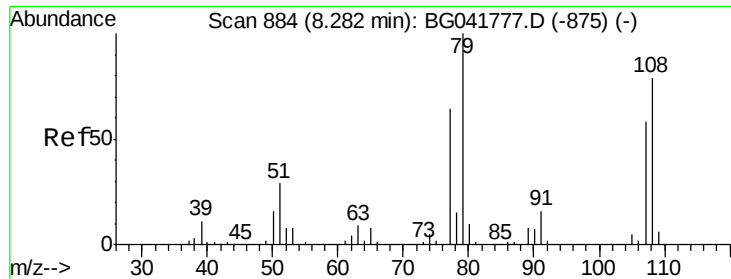
Jagrut
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#14
 1,2-Dichlorobenzene
 Concen: 41.734 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.5	80.3
111	38.0	35.4	53.0





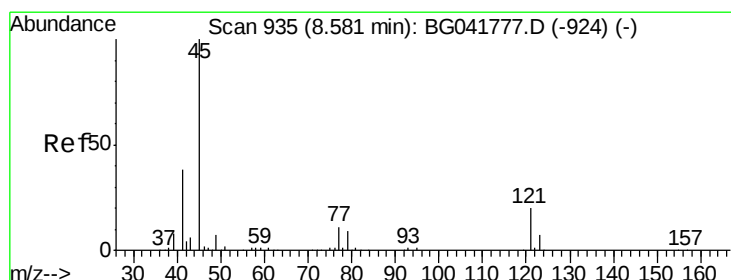
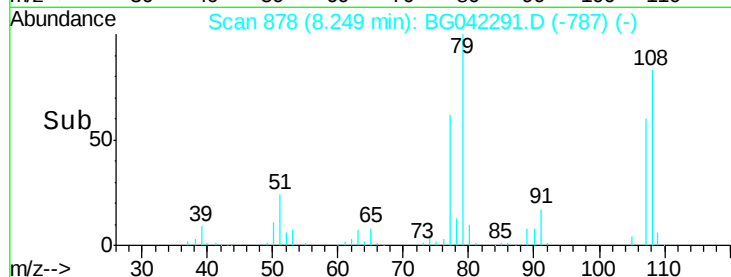
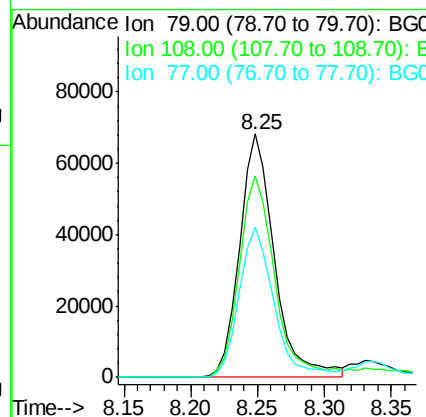
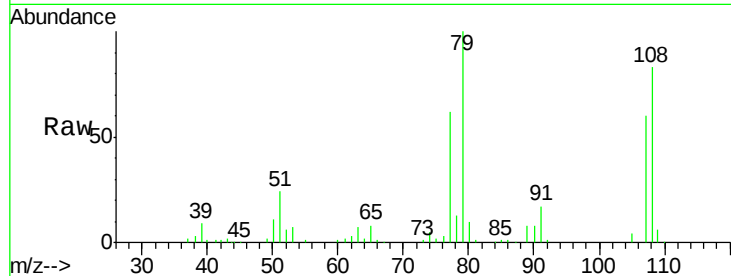
#15
Benzyl Alcohol
Concen: 37.605 ng
RT: 8.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.8	60.5	90.7	
77	61.9	50.6	75.8	

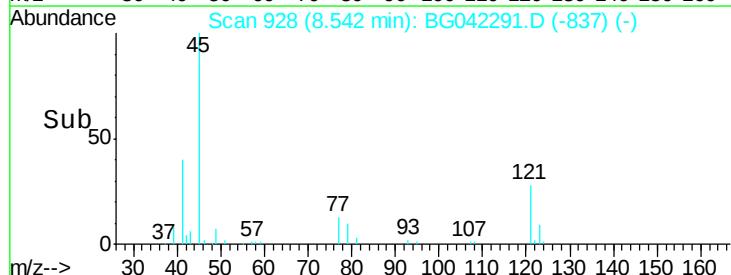
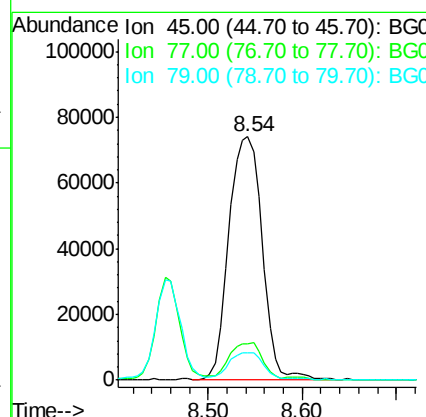
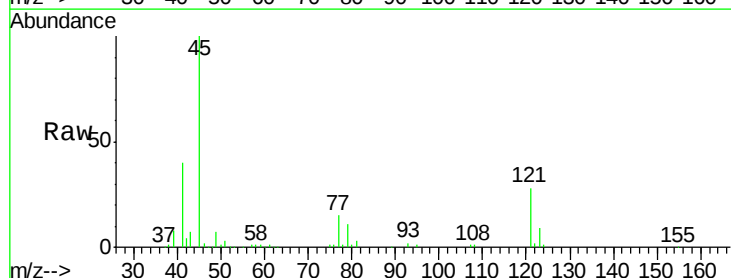
Manual Integrations
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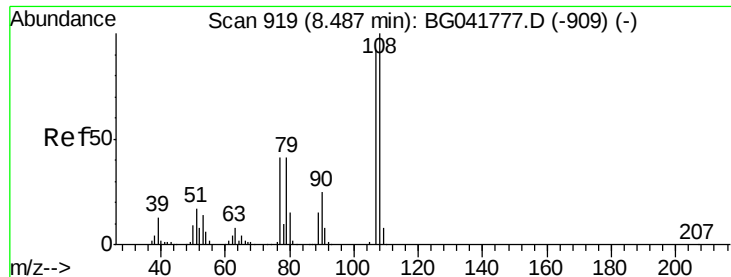
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.575 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.9	0.0	30.4	
79	11.4	0.0	27.9	





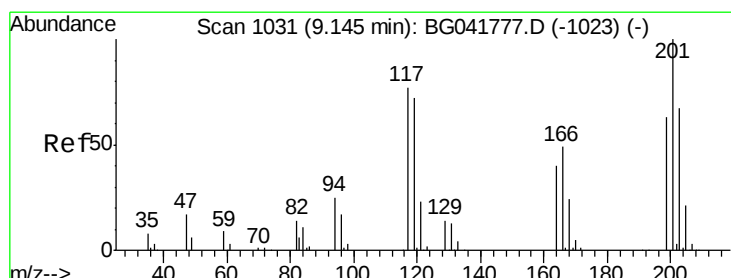
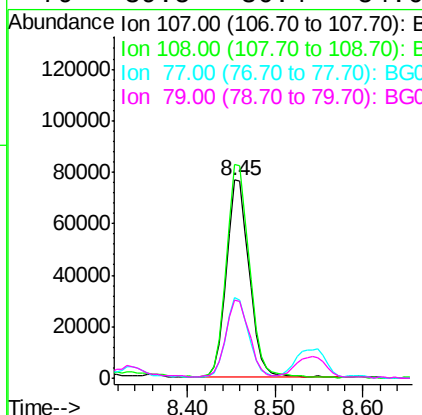
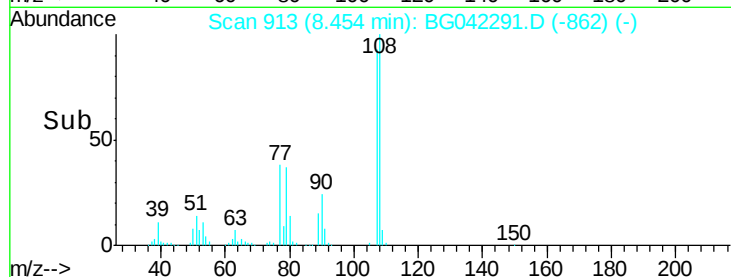
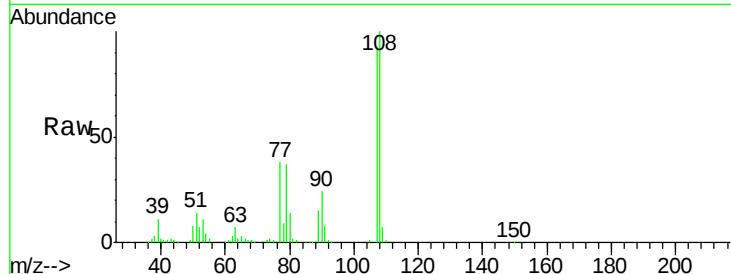
#17
2-Methylphenol
Concen: 43.195 ng
RT: 8.45 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	107	Resp	136708
Ion Ratio	Lower	Upper	
107	100		
108	107.7	87.6	131.4
77	40.5	36.1	54.1
79	39.5	36.4	54.6

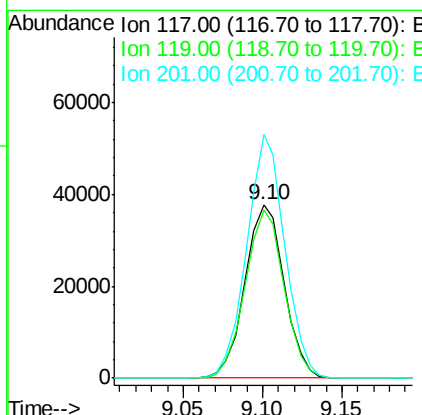
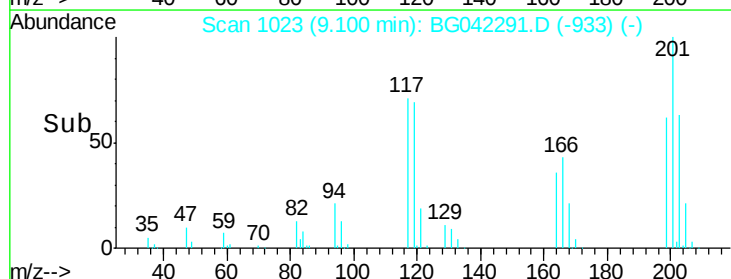
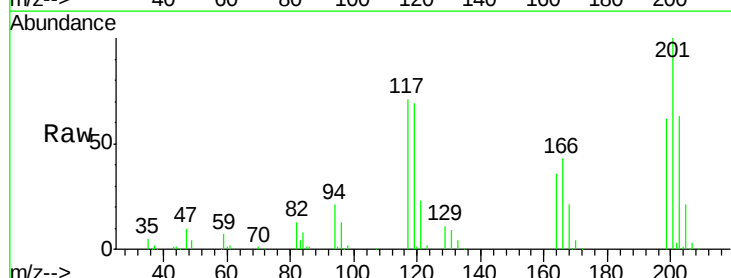
Manual Integrations
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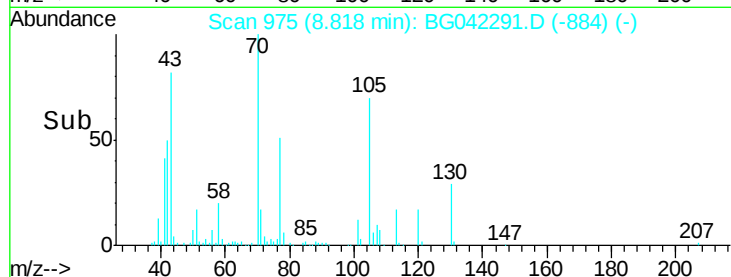
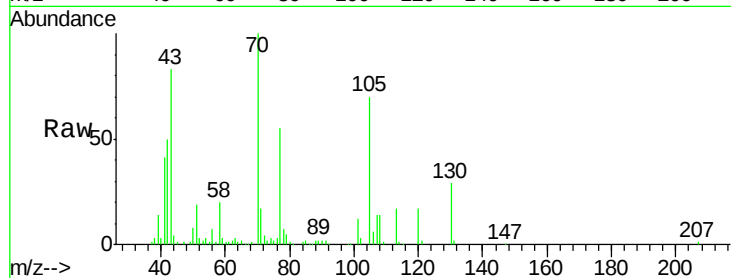
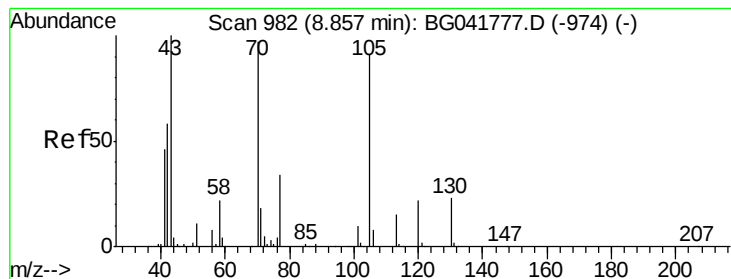
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#18
Hexachloroethane
Concen: 40.759 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	117	Resp	64763
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.2	114.2
201	140.6	94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 36.300 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tot Ion: 70 Resp: 110240

Ion Ratio Lower Upper

70 100

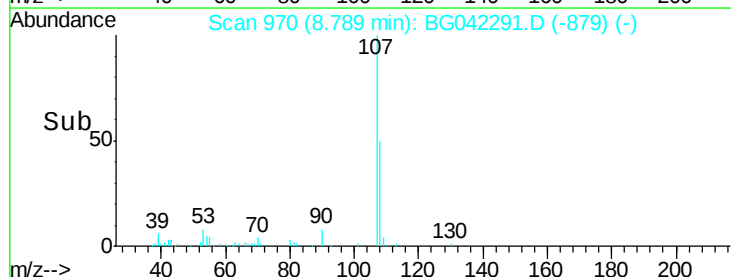
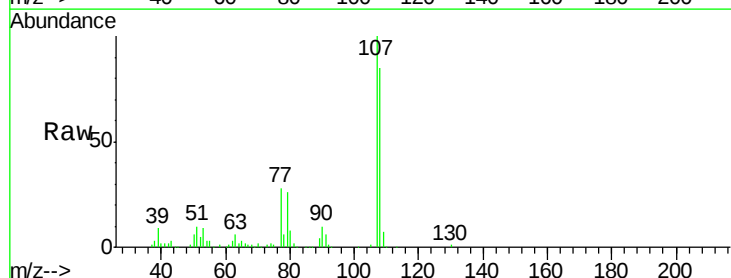
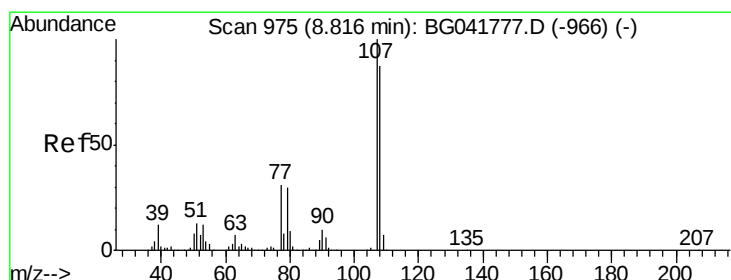
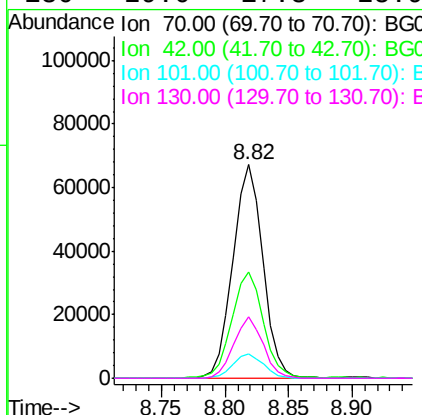
42 50.1 55.8 83.6#

101 11.6 8.1 12.1

130 29.0 17.3 25.9#

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#20

3+4-Methylphenols

Concen: 43.379 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion: 107 Resp: 187872

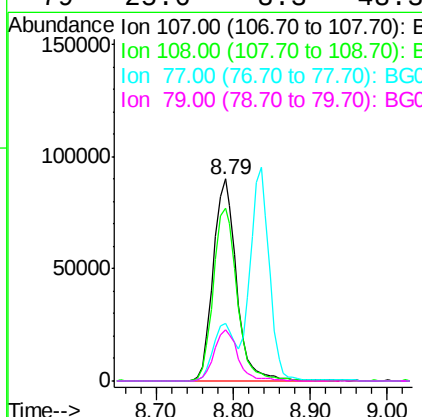
Ion Ratio Lower Upper

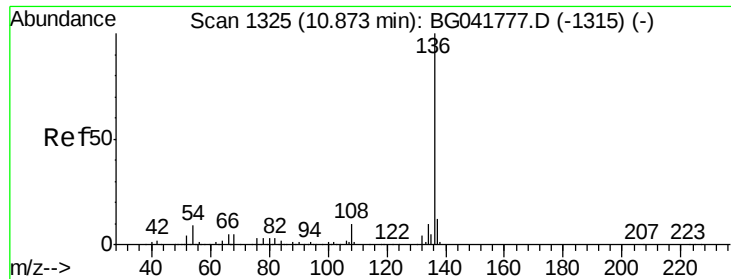
107 100

108 85.2 67.5 107.5

77 28.3 12.3 52.3

79 25.6 8.3 48.3





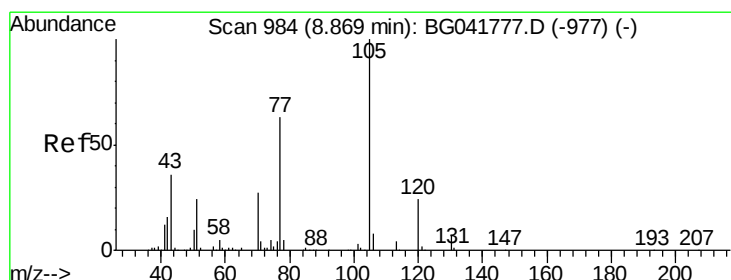
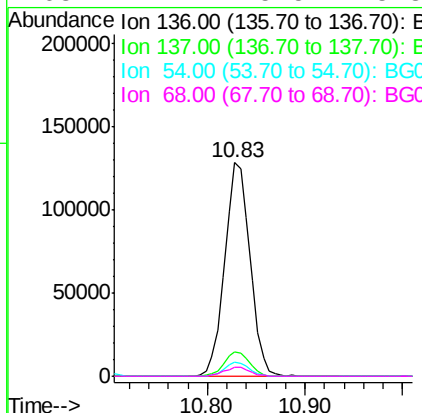
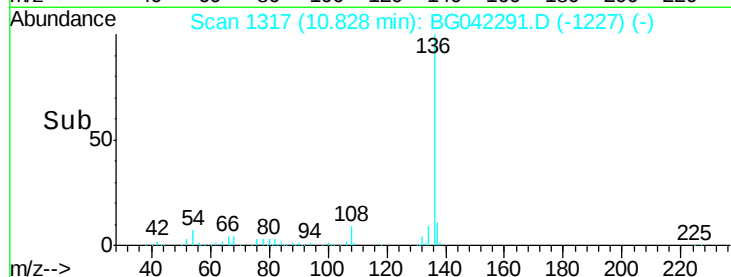
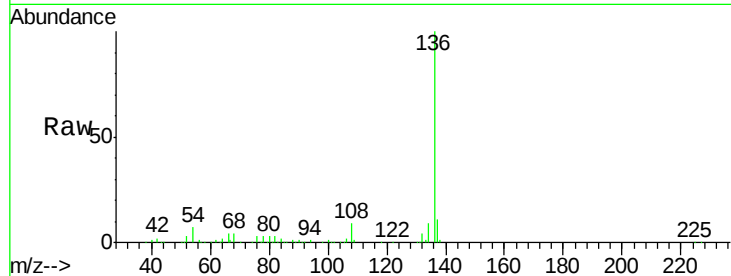
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	229670		
137	11.4	9.2	13.8	
54	6.6	8.7	13.1#	
68	4.4	5.5	8.3#	

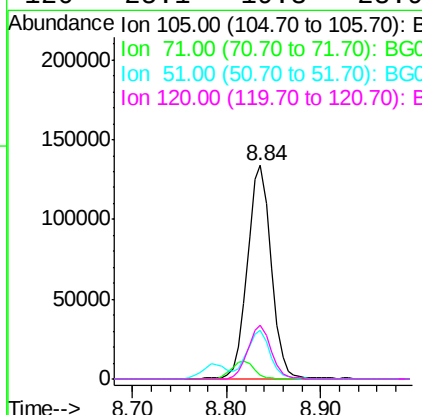
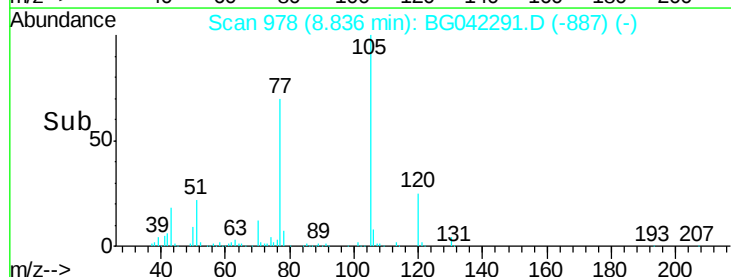
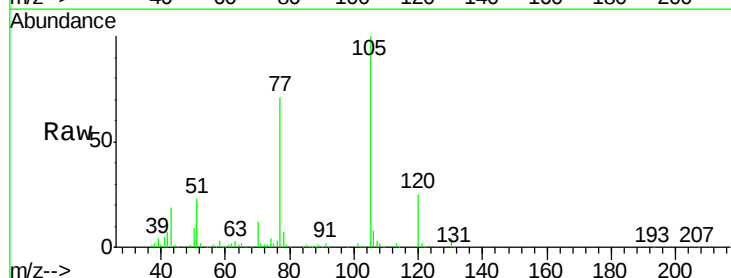
Manual Integrations
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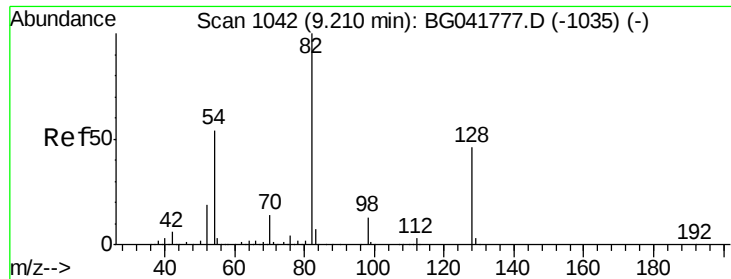
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#22
Acetophenone
Concen: 45.777 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235165		
71	1.8	5.9	8.9#	
51	22.9	27.7	41.5#	
120	25.1	19.3	28.9	





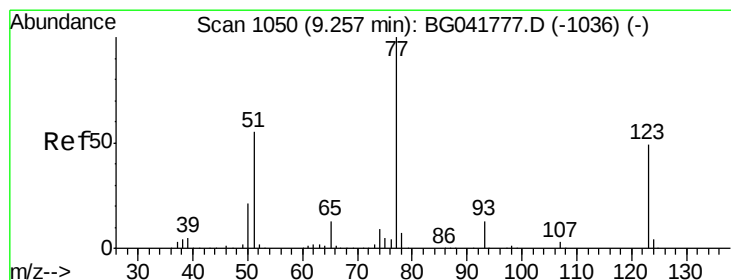
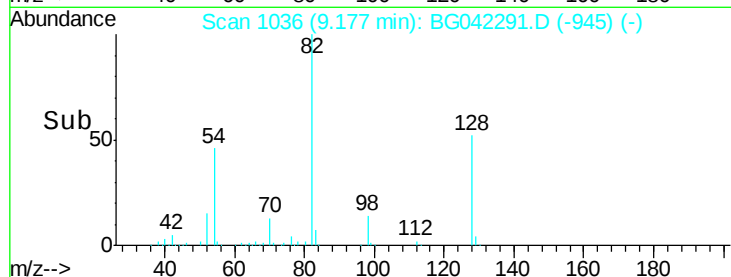
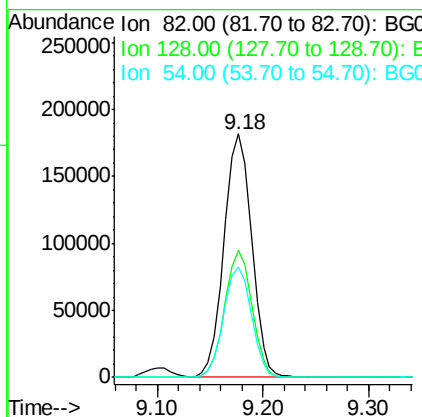
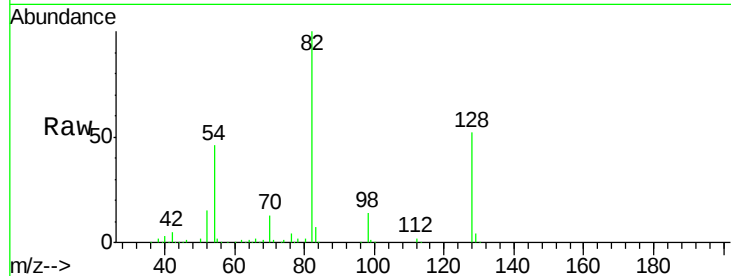
#23
Nitrobenzene-d5
Concen: 99.042 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.2	35.1	52.7
54	45.5	48.7	73.1

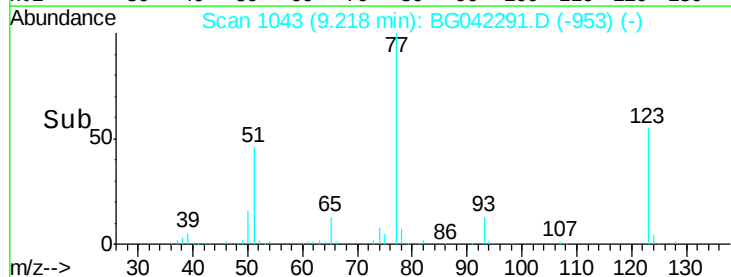
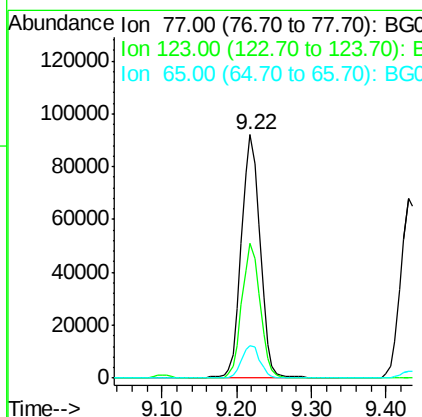
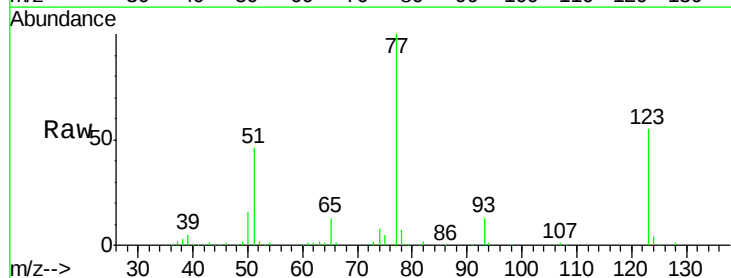
Manual Integrations
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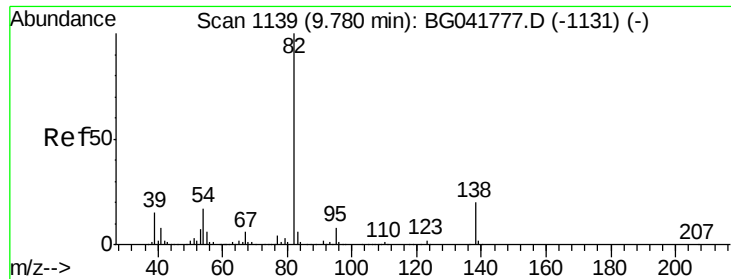
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#24
Nitrobenzene
Concen: 45.886 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.3	38.1	57.1
65	13.4	11.0	16.6





#25

Isophorone

Concen: 43.467 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

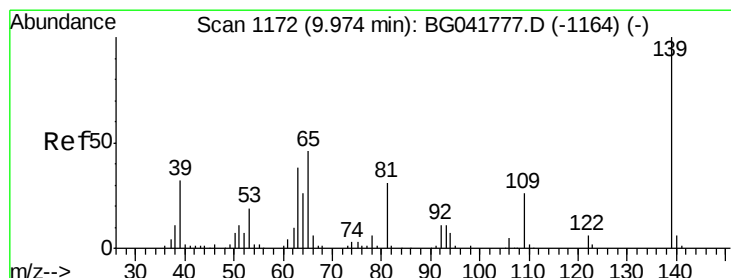
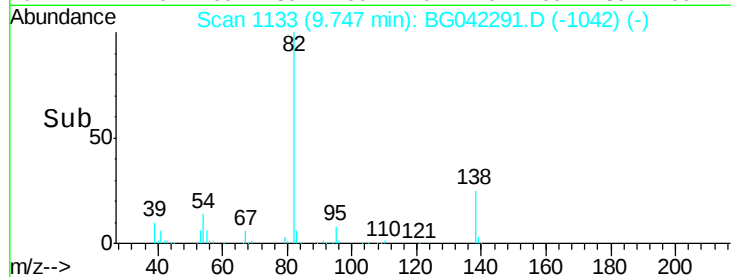
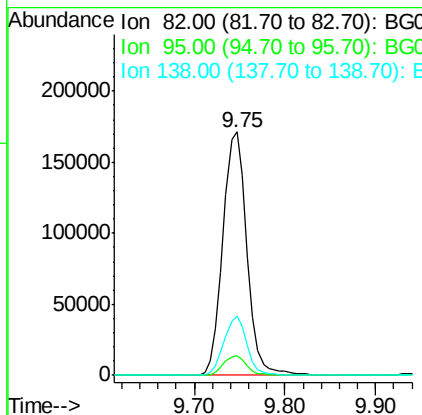
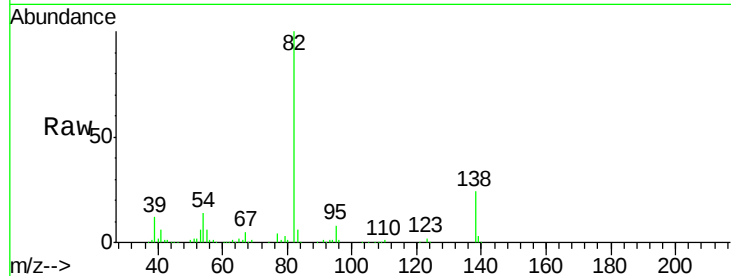
ClientSampleId :

JC-03-081519-AMSD

Tot Ion:	82	Resp:	315573
Ion Ratio		Lower	Upper
82	100		
95	8.2	5.9	8.9
138	24.1	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 62.389 ng

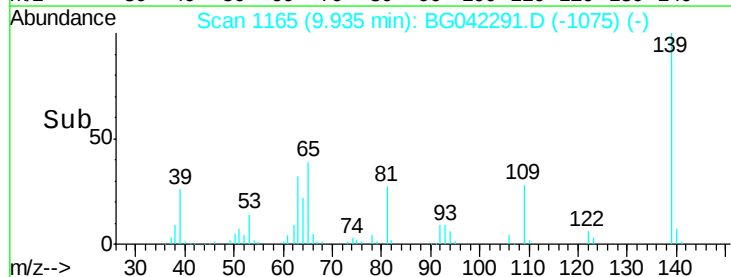
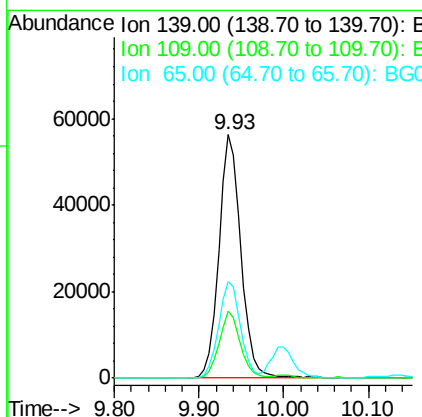
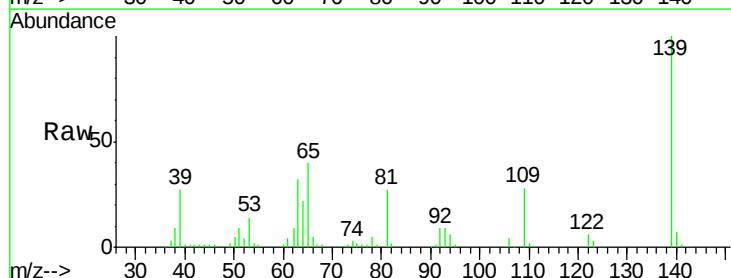
RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	139	Resp:	101807
Ion Ratio		Lower	Upper
139	100		
109	27.8	22.7	34.1
65	39.8	41.1	61.7#





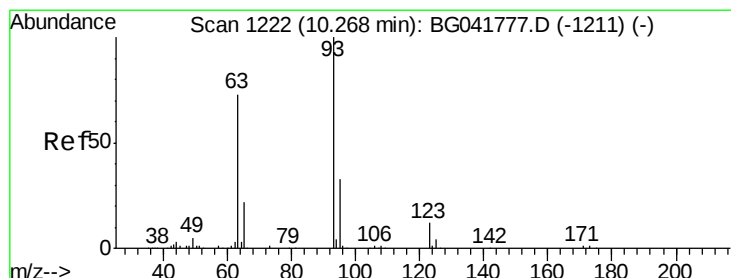
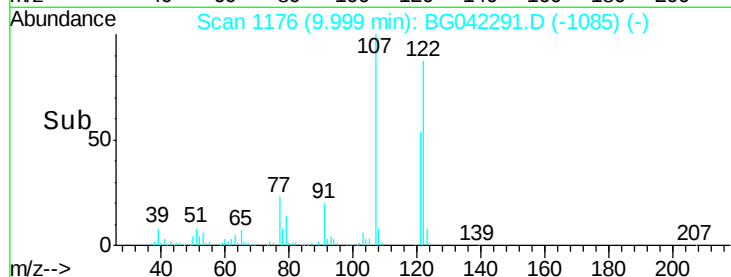
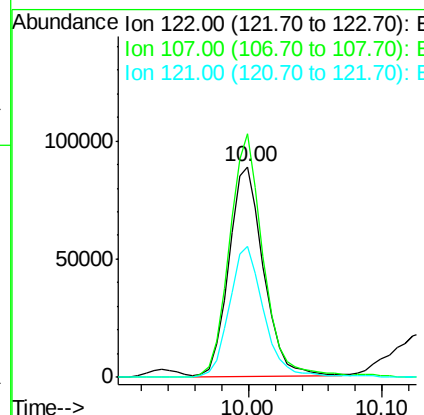
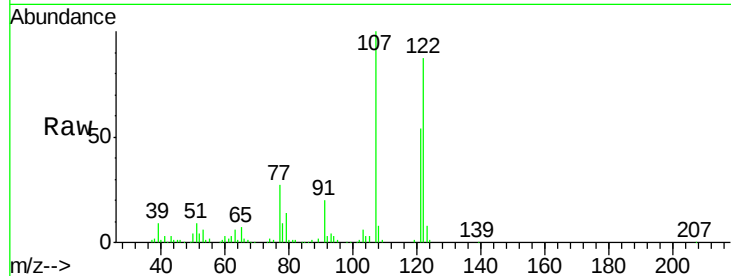
#27
2,4-Dimethylphenol
Concen: 55.711 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.3	136.9
121	62.3	49.2	73.8

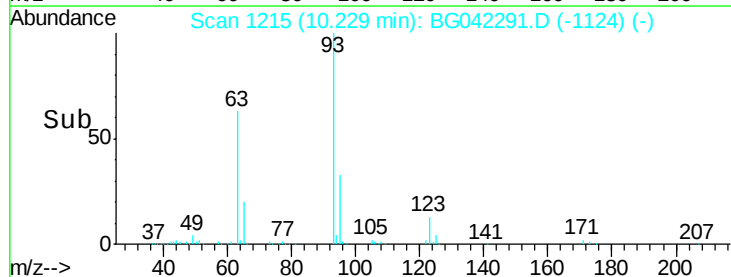
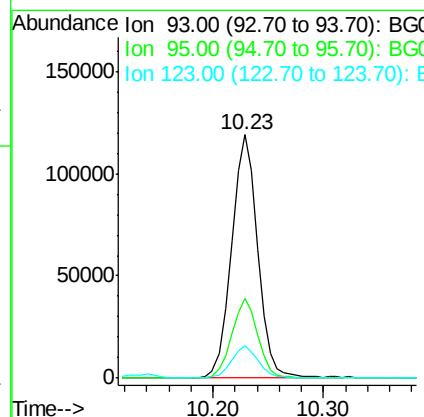
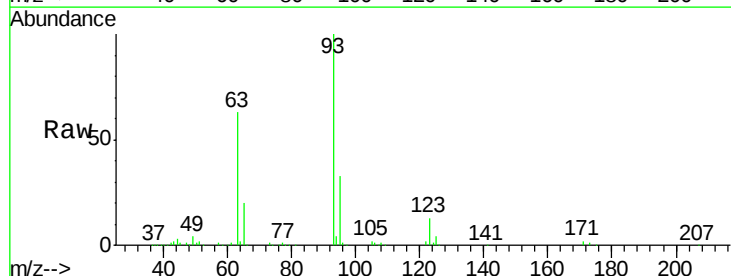
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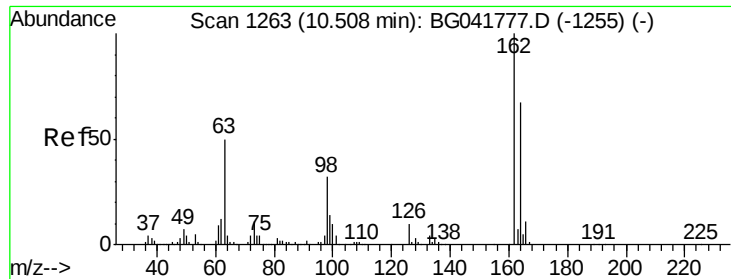
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#28
bis(2-Chloroethoxy)methane
Concen: 43.523 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	13.3	9.9	14.9





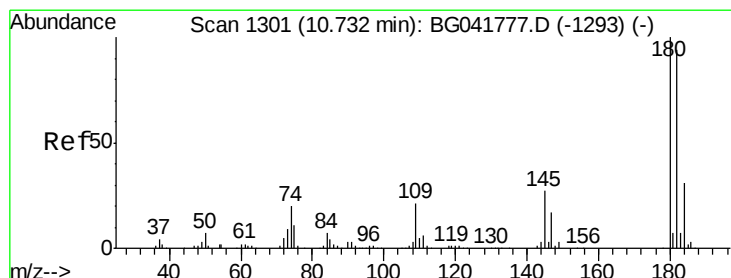
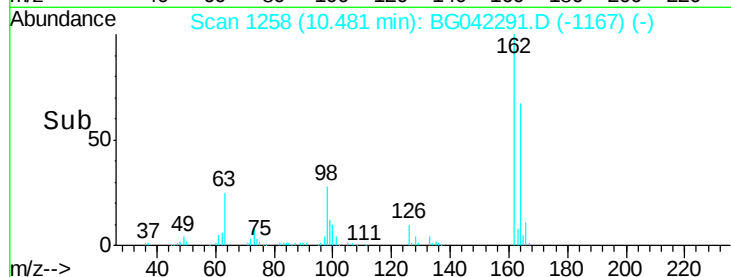
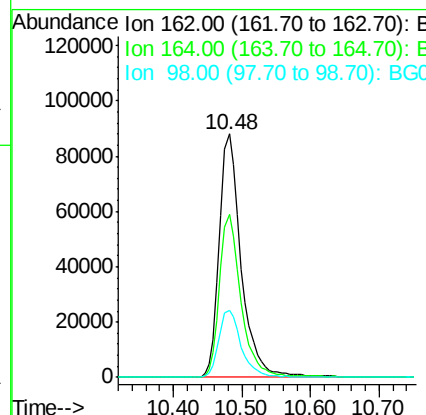
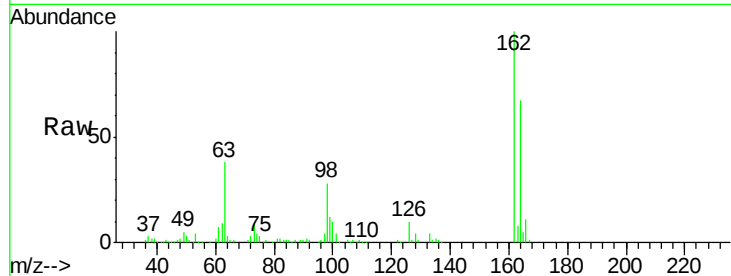
#29
2,4-Dichlorophenol
Concen: 55.709 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	195386		
164	67.2	46.1	86.1	
98	27.8	14.7	54.7	

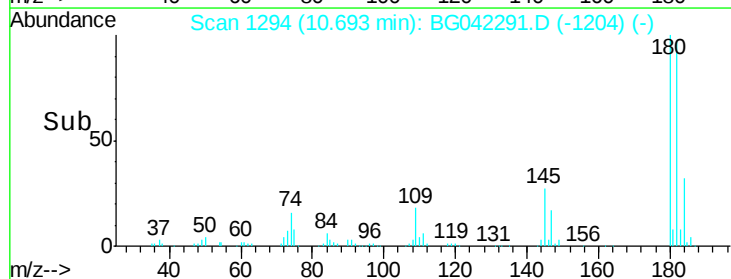
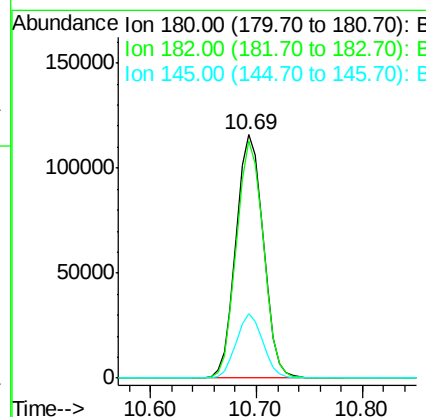
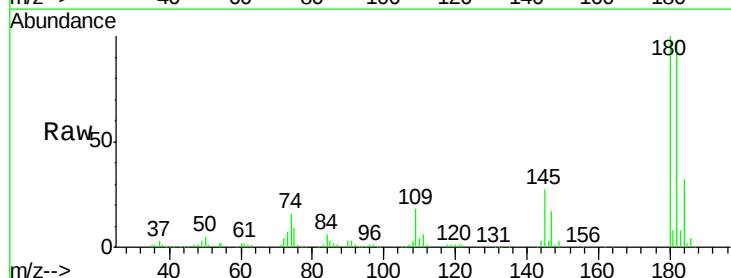
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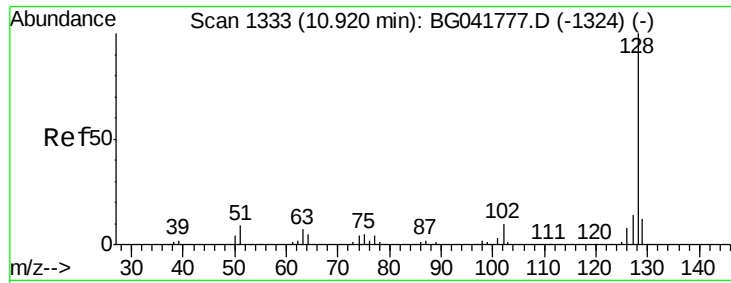
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#30
1,2,4-Trichlorobenzene
Concen: 46.586 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207196		
182	97.4	76.2	114.2	
145	26.7	23.8	35.8	





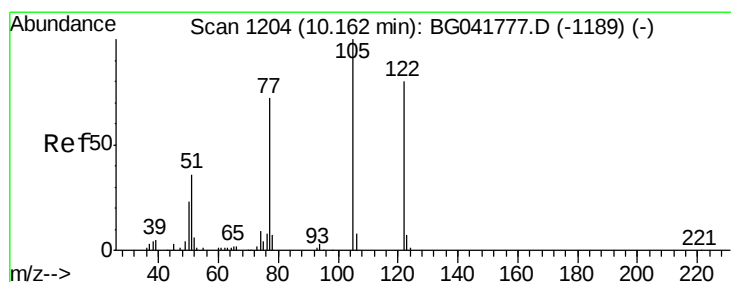
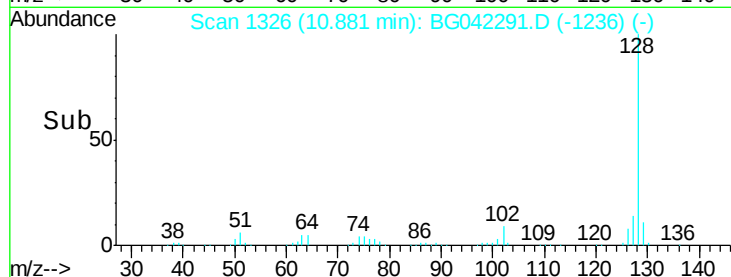
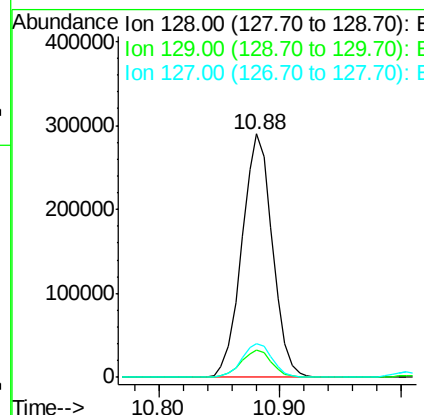
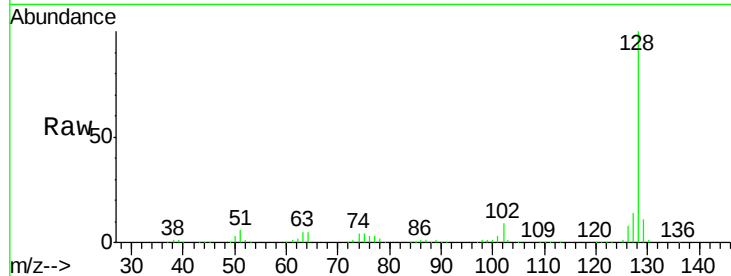
#31
Naphthalene
Concen: 48.461 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	509392		
129	11.4	10.0	15.0	
127	14.1	12.3	18.5	

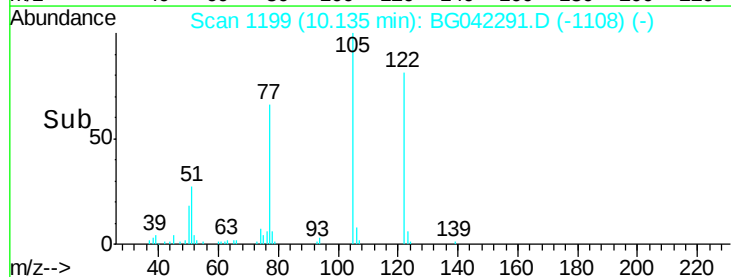
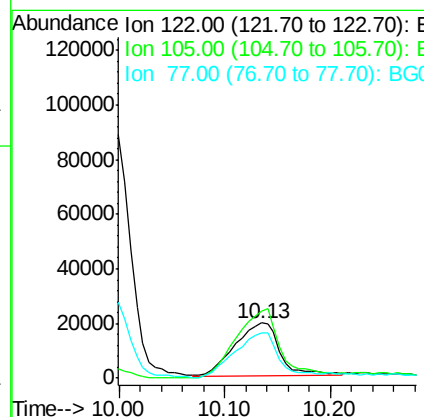
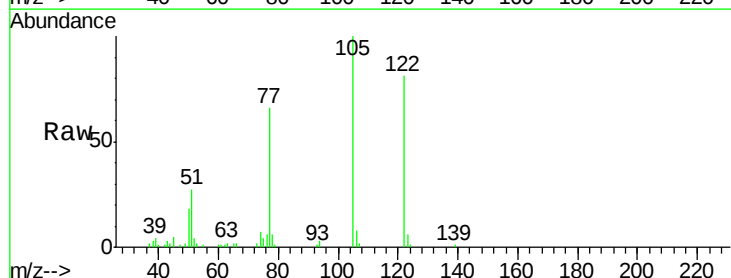
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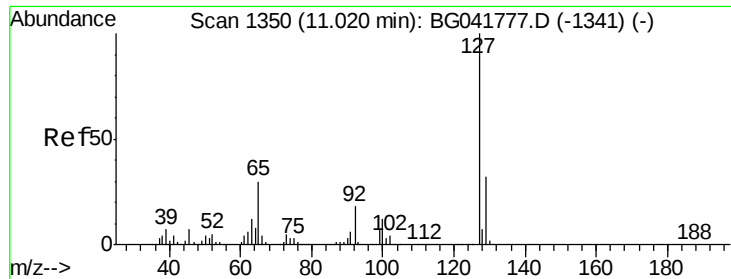
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#32
Benzoic acid
Concen: 31.445 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57128		
105	122.9	101.5	141.5	
77	81.7	73.0	113.0	





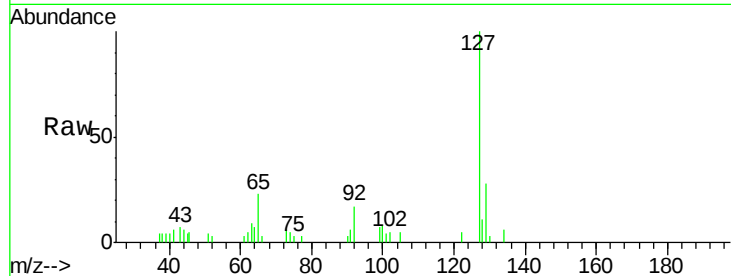
#33
4-Chloroaniline
Concen: 2.630 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

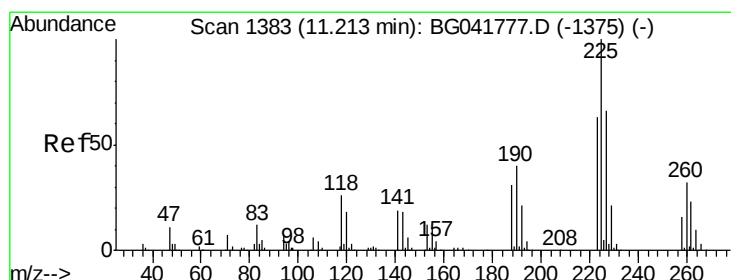
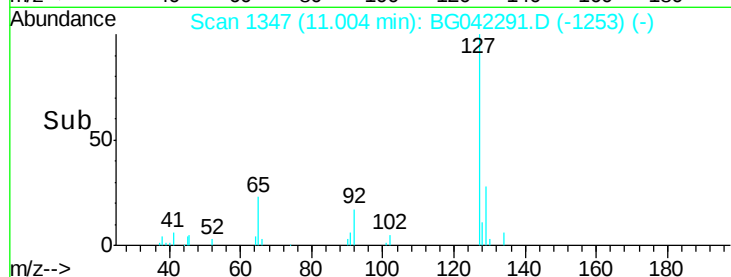
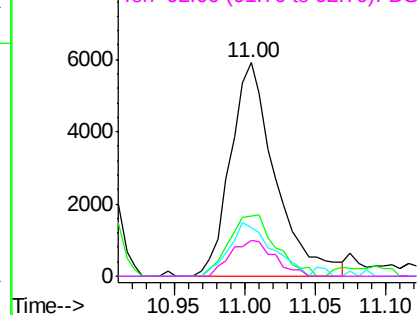
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.1	25.8	38.8		
65	22.7	26.7	40.1		
92	16.7	15.4	23.0		

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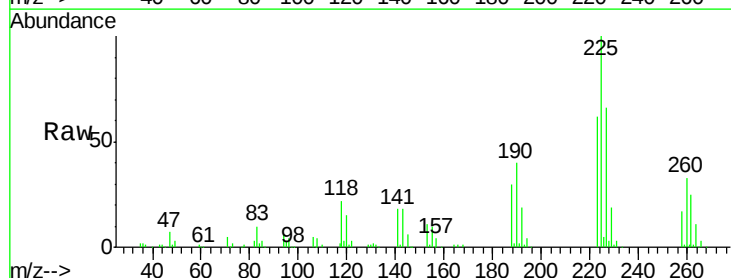


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

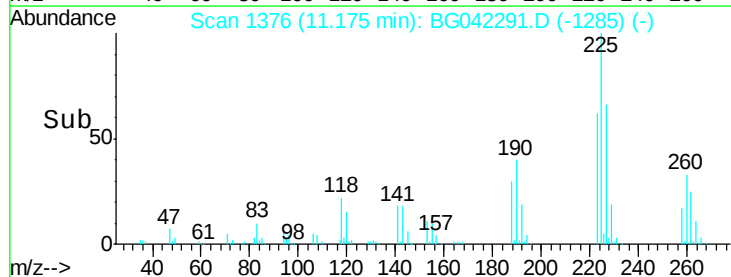
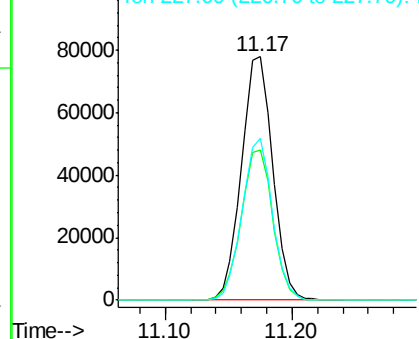


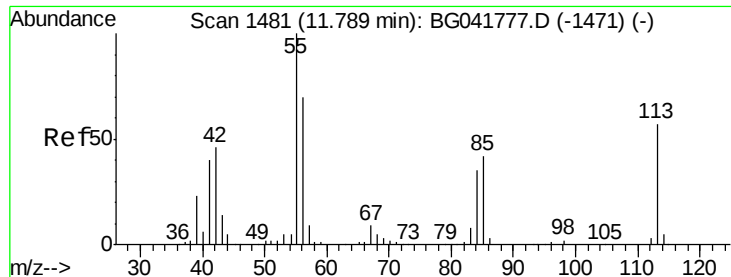
#34
Hexachlorobutadiene
Concen: 44.371 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	51.1	76.7		
227	66.3	50.9	76.3		



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





#35

Caprolactam

Concen: 39.797 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tot Ion:113 Resp: 48508

Ion Ratio Lower Upper

113 100

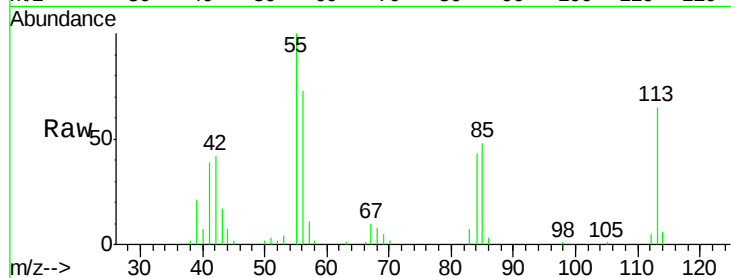
55 153.4 199.4 239.4#

56 111.8 133.6 173.6#

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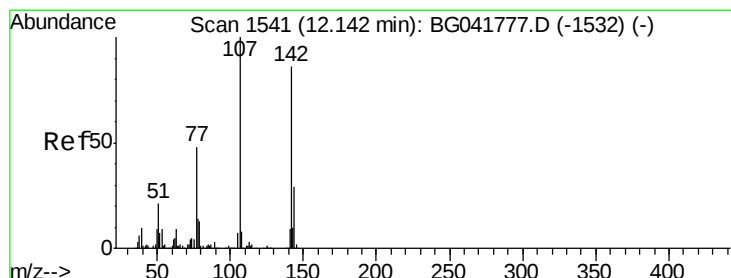
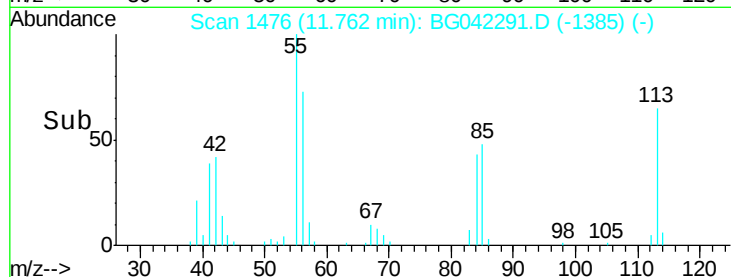
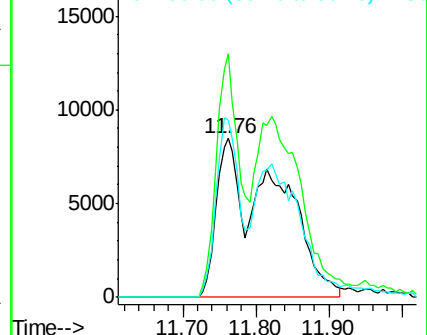
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.640 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

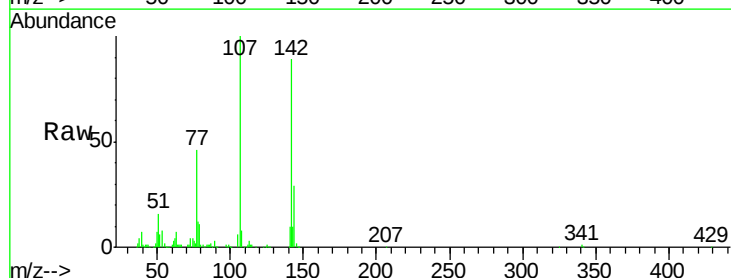
Tgt Ion:107 Resp: 186515

Ion Ratio Lower Upper

107 100

144 28.7 22.2 33.2

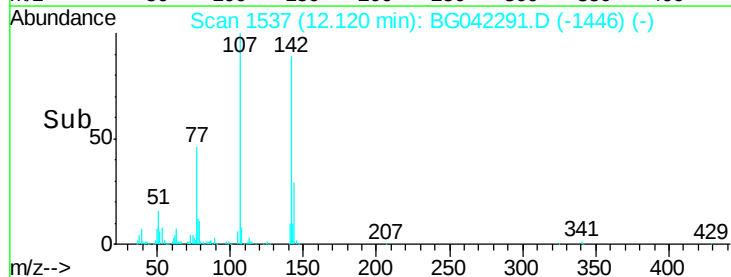
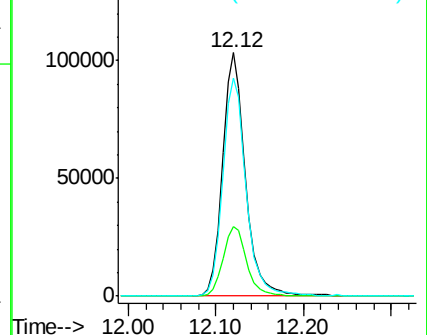
142 89.4 67.3 100.9

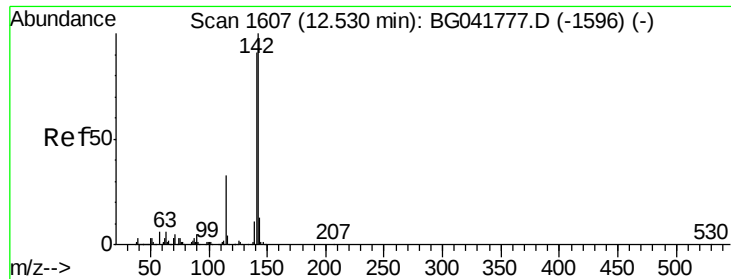


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.082 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

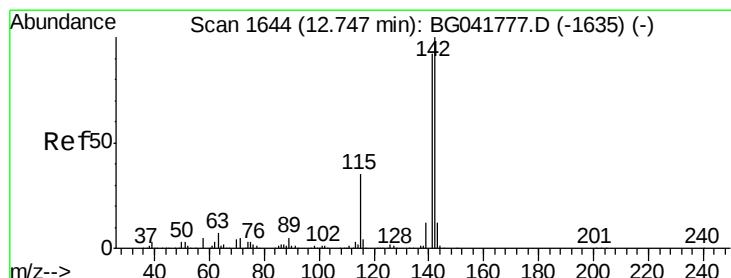
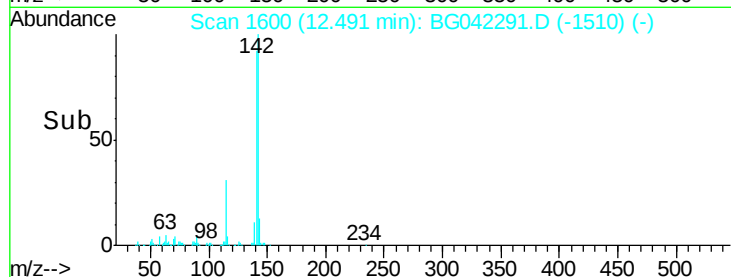
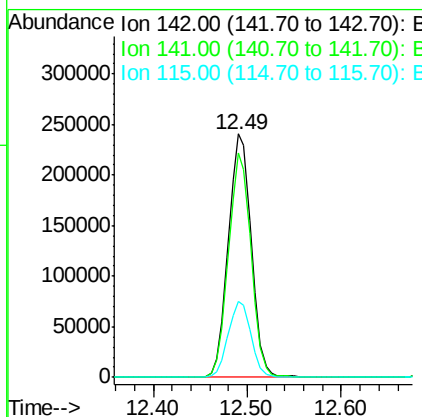
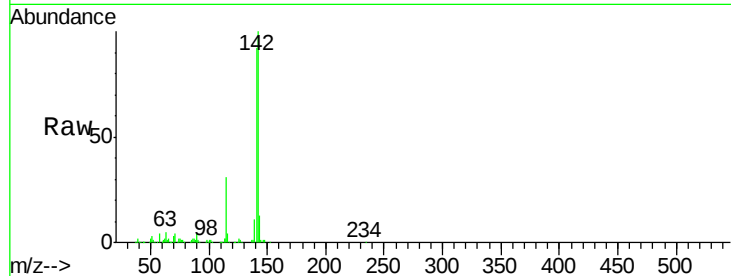
ClientSampleId :

JC-03-081519-AMSD

Tot Ion:	142	Resp:	408370
Ion Ratio	Lower	Upper	
142	100		
141	91.9	72.7	109.1
115	31.2	27.0	40.4

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#38

1-Methylnaphthalene

Concen: 49.730 ng

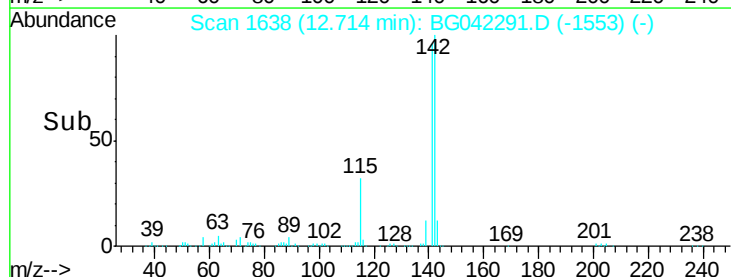
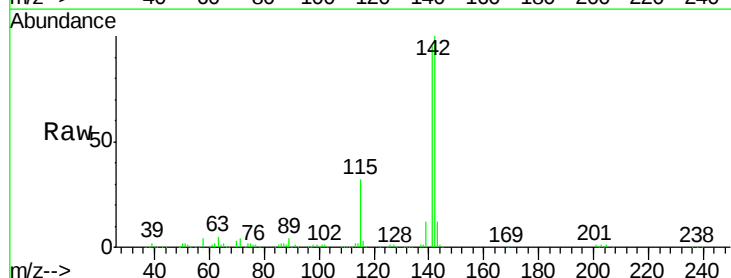
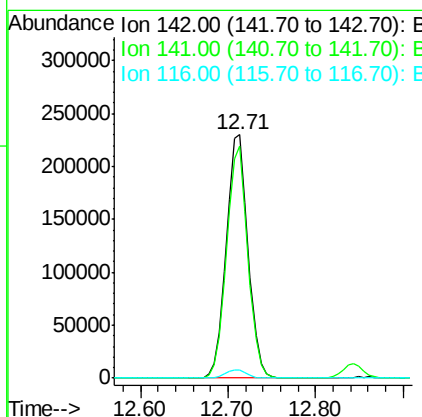
RT: 12.71 min Scan# 1638

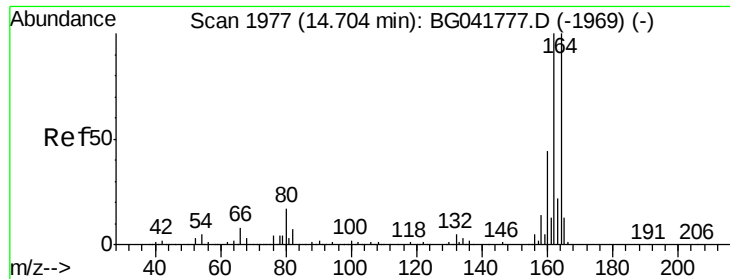
Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	142	Resp:	392106
Ion Ratio	Lower	Upper	
142	100		
141	95.4	75.4	113.2
116	3.3	3.2	4.8





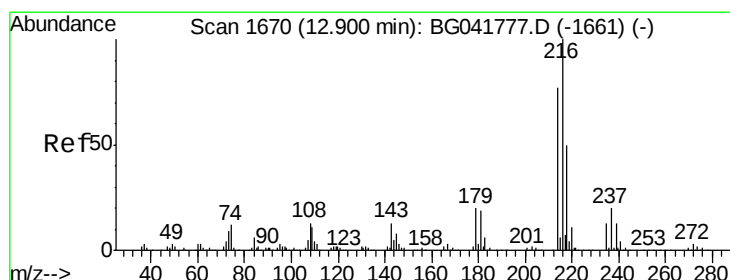
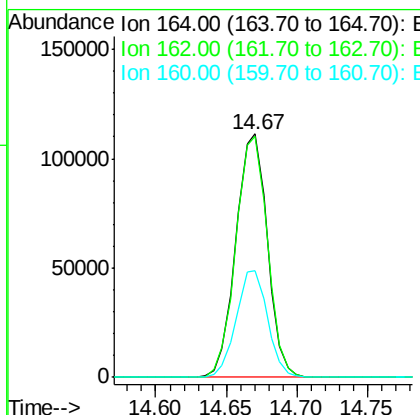
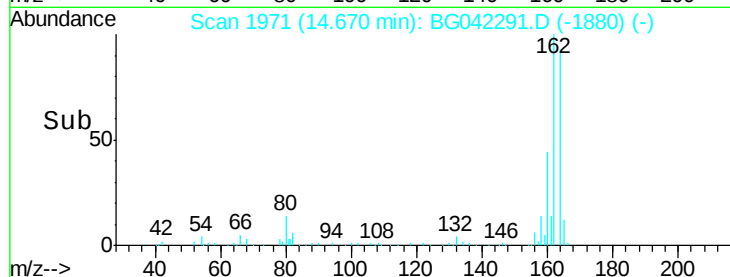
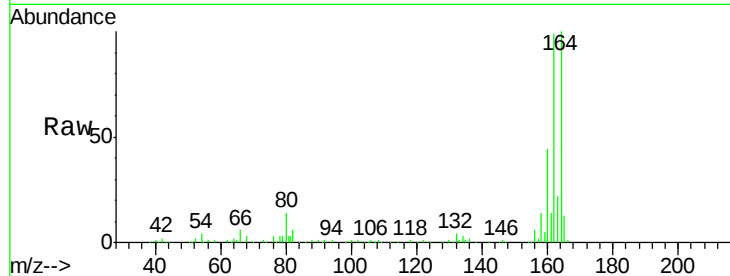
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.6	119.4
160	43.7	35.4	53.0

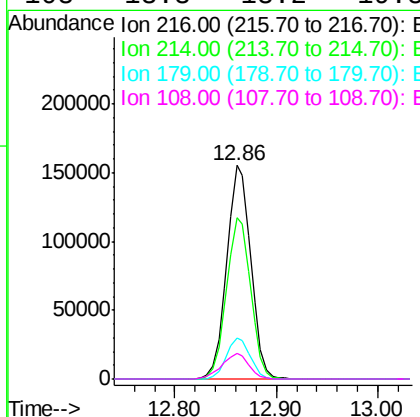
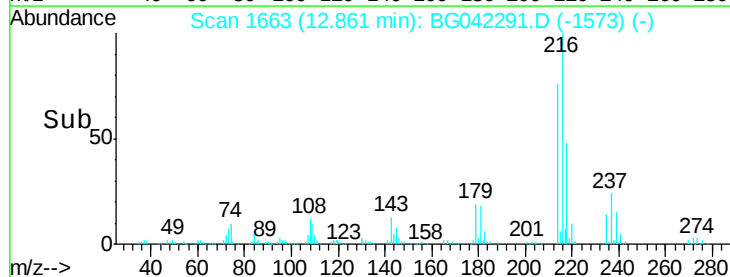
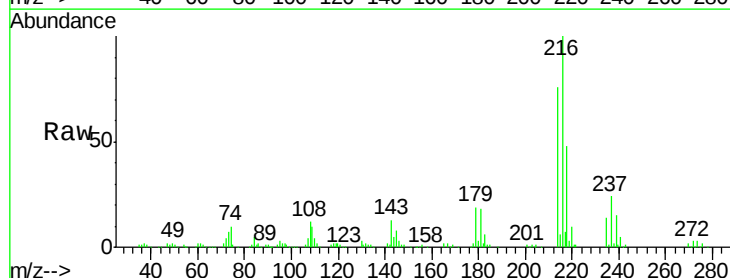
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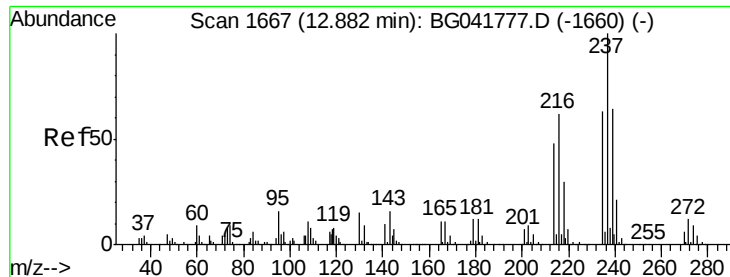
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.378 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.1	61.5	92.3
179	19.1	16.2	24.2
108	13.3	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 77.588 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

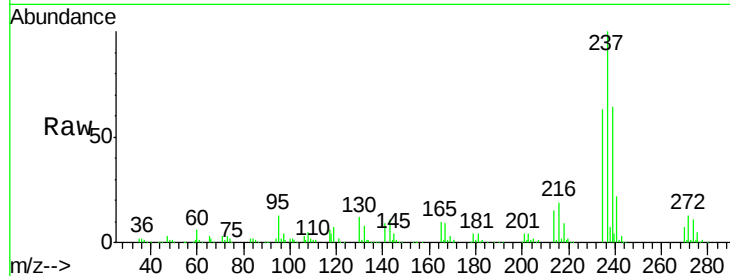
ClientSampleId :

JC-03-081519-AMSD

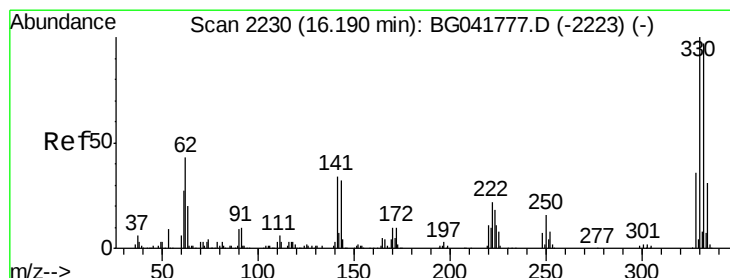
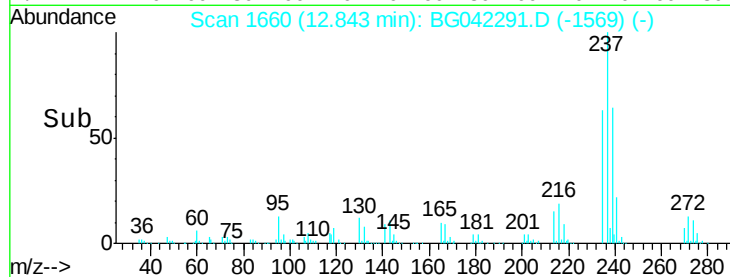
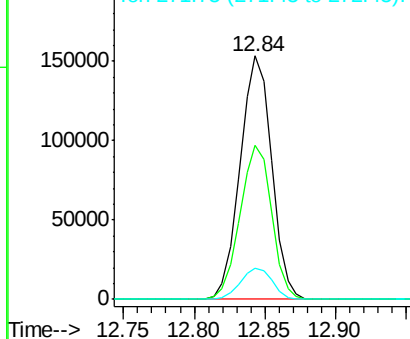
Tot Ion:	237	Resp:	239457
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.5	83.5
272	12.8	0.0	31.2

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



#42

2,4,6-Tribromophenol

Concen: 180.987 ng

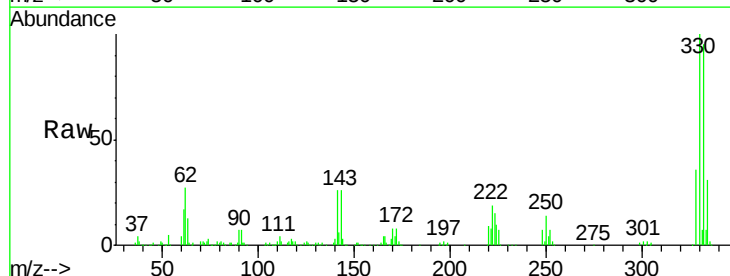
RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

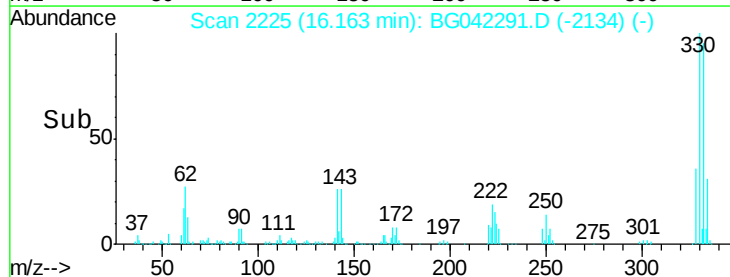
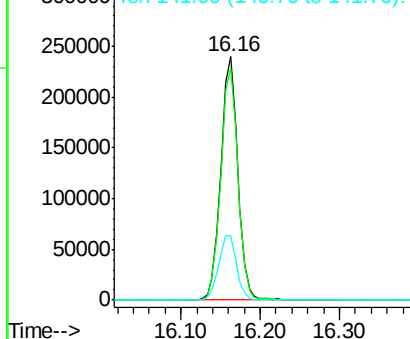
Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	330	Resp:	356503
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.4	116.0
141	27.9	31.9	47.9#



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





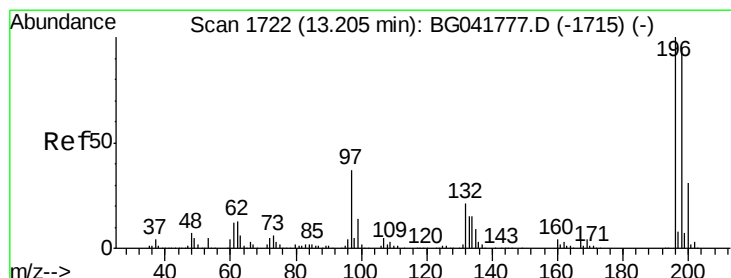
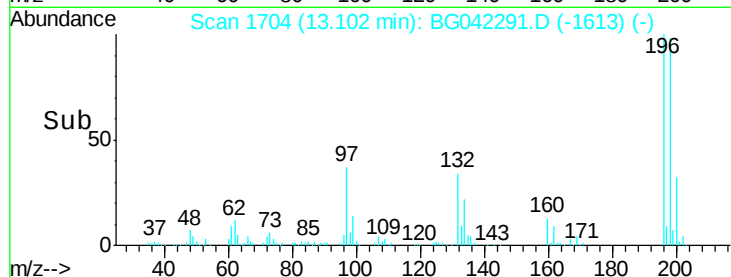
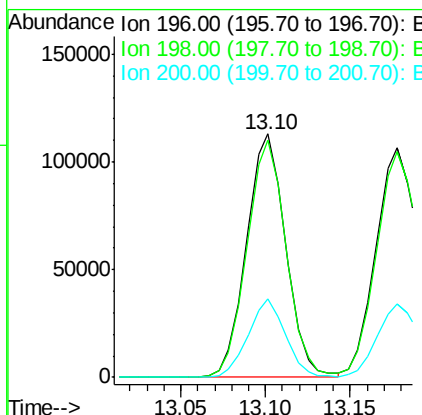
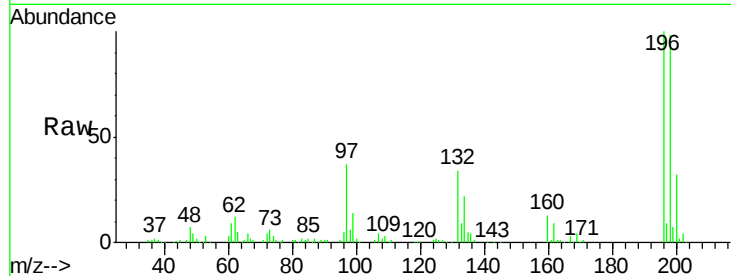
#43
 2,4,6-Trichlorophenol
 Concen: 52.371 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	181701		
198	97.7	79.6	119.4	
200	32.2	25.2	37.8	

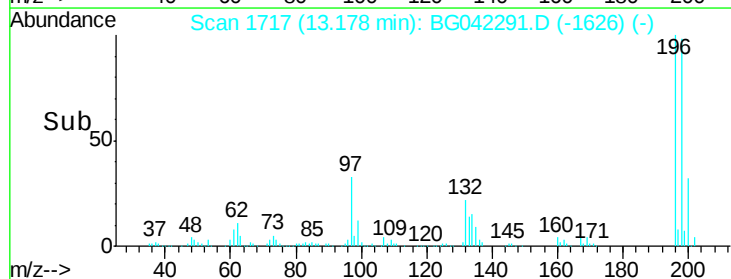
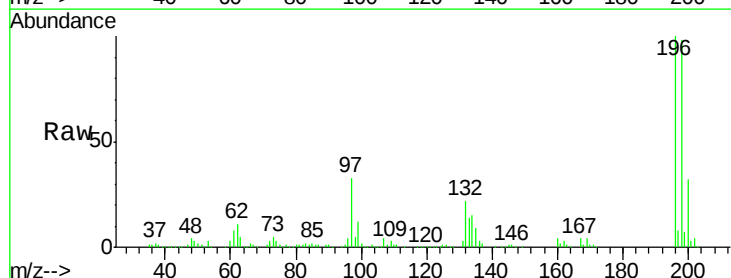
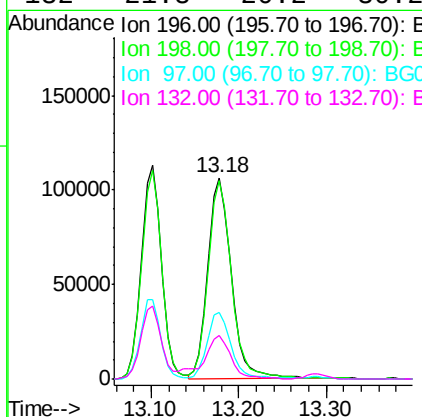
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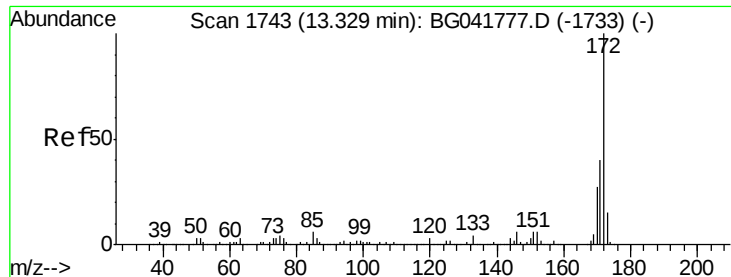
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#44
 2,4,5-Trichlorophenol
 Concen: 55.478 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200023		
198	98.4	80.6	121.0	
97	33.0	33.9	50.9	
132	21.8	20.2	30.2	





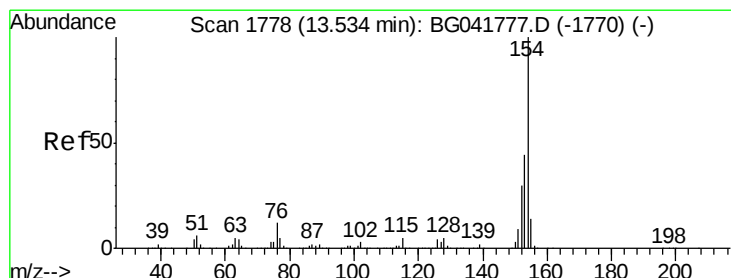
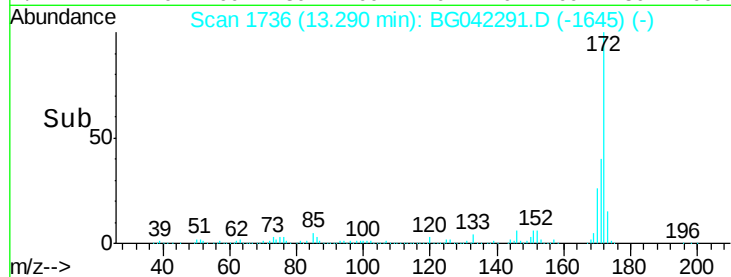
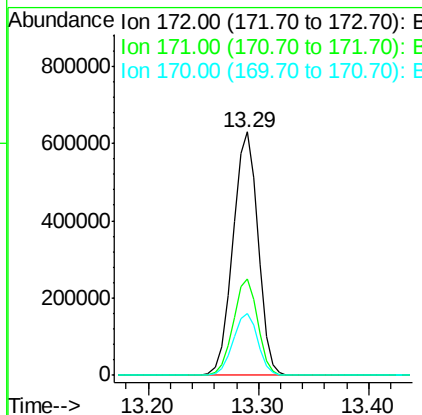
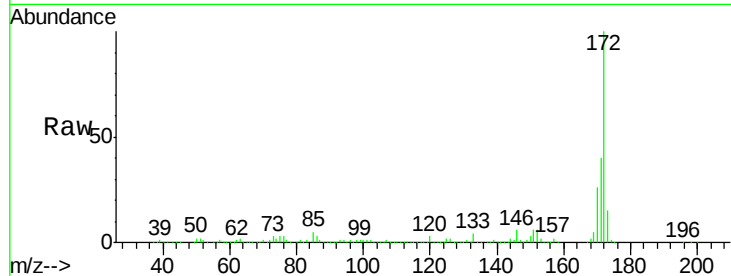
#45
 2-Fluorobiphenyl
 Concen: 101.955 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	35.0	52.4
170	25.7	23.5	35.3

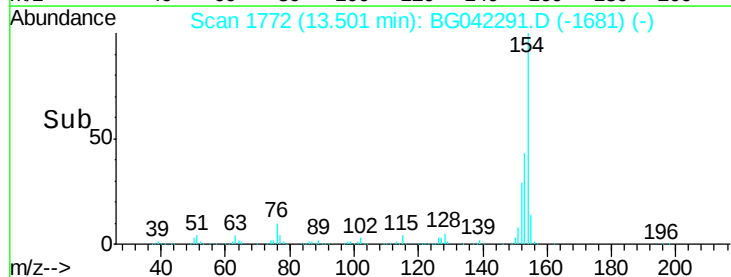
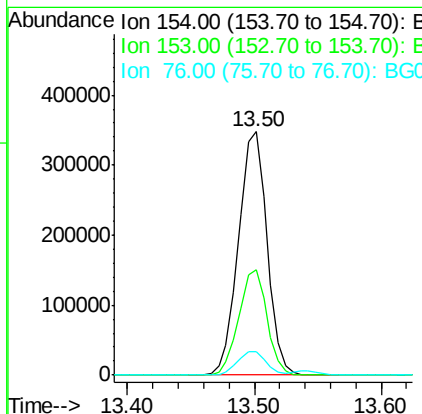
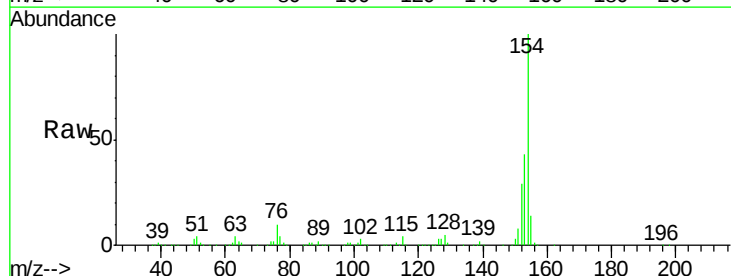
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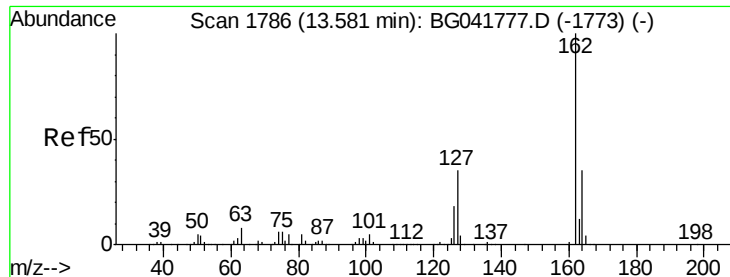
Jagrut
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#46
 1,1'-Biphenyl
 Concen: 48.624 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	25.0	65.0
76	9.9	0.0	34.5





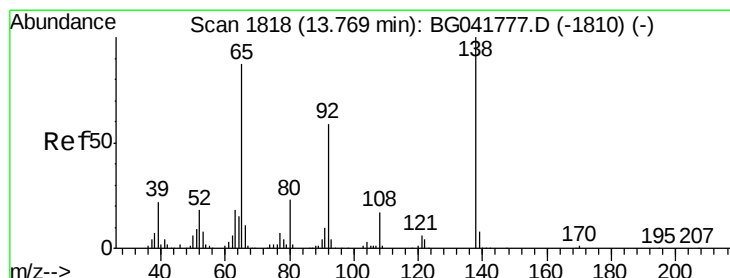
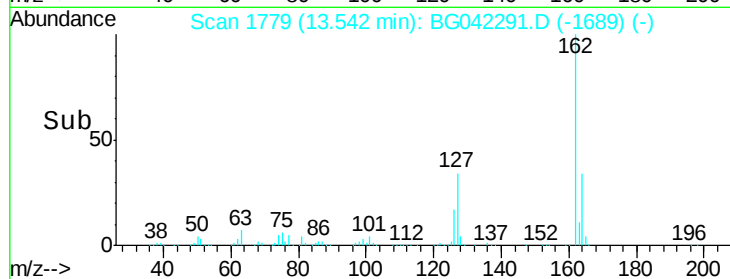
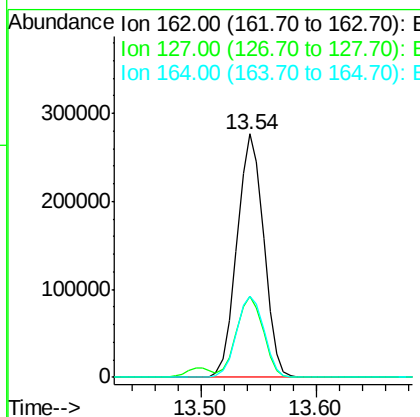
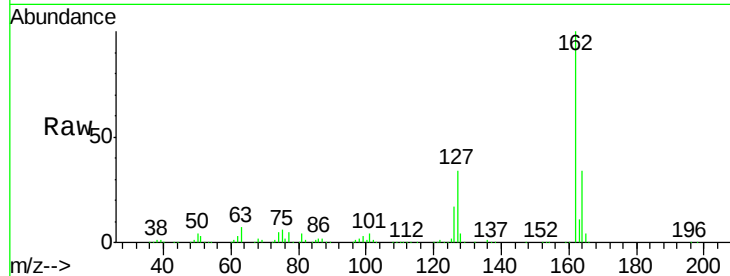
#47
 2-Chloronaphthalene
 Concen: 46.736 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	443575		
127	33.5		30.4	45.6
164	33.5		28.6	42.8

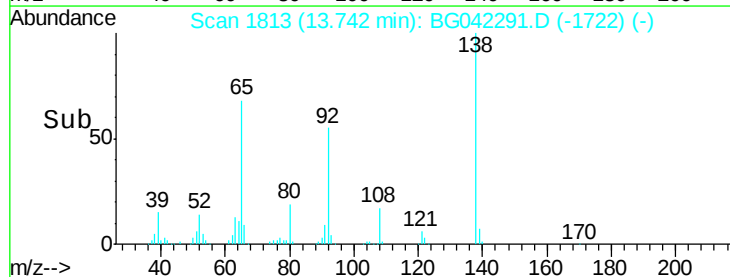
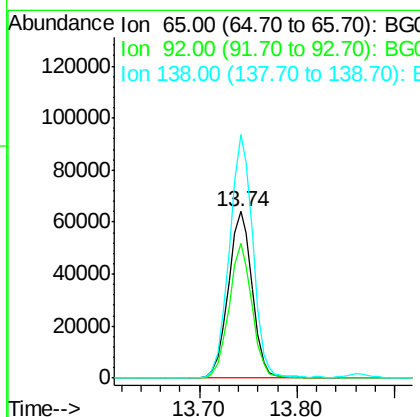
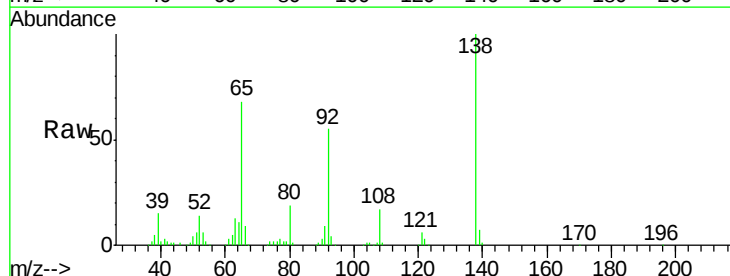
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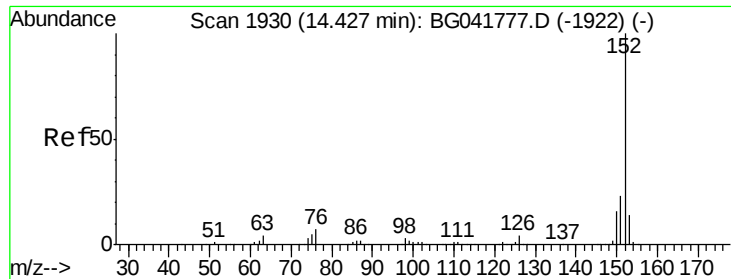
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#48
 2-Nitroaniline
 Concen: 45.205 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108814		
92	81.1		53.9	80.9#
138	146.2		83.5	125.3#





#49

Acenaphthylene

Concen: 50.389 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

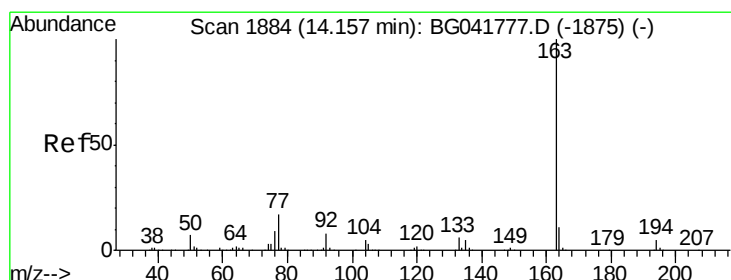
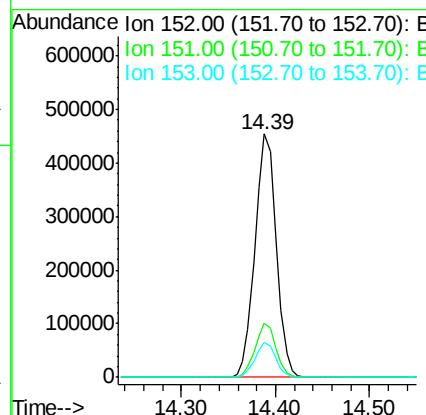
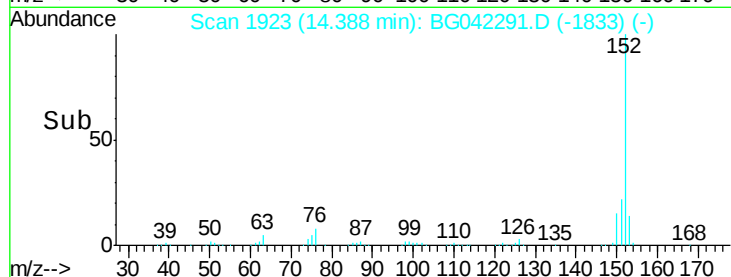
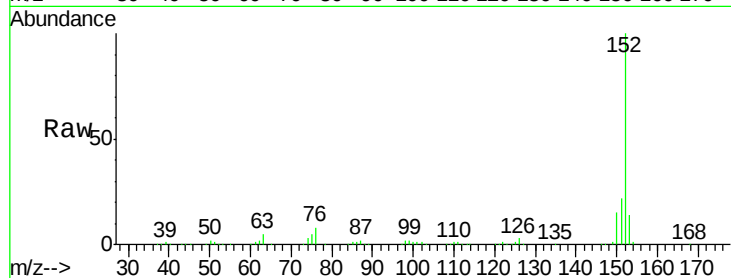
ClientSampleId :

JC-03-081519-AMSD

Tot Ion:	152	Resp:	715372
Ion Ratio	Lower	Upper	
152	100		
151	22.1	18.7	28.1
153	14.1	12.4	18.6

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#50

Dimethylphthalate

Concen: 52.380 ng

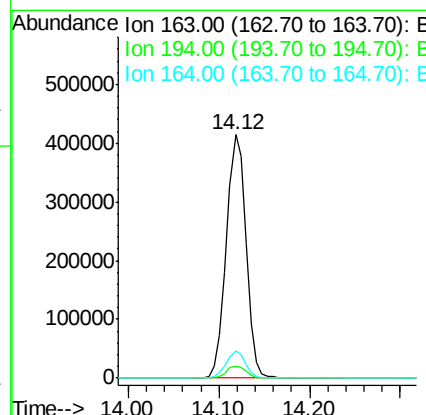
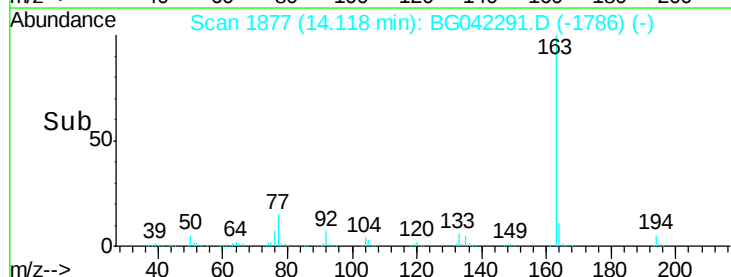
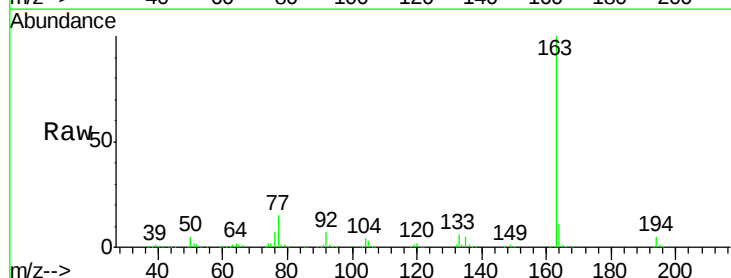
RT: 14.12 min Scan# 1877

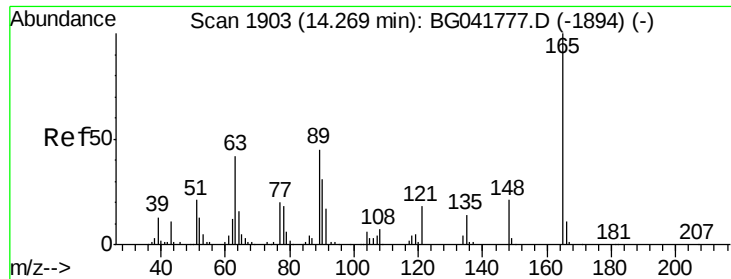
Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	163	Resp:	620364
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.2	6.2
164	11.2	9.4	14.2





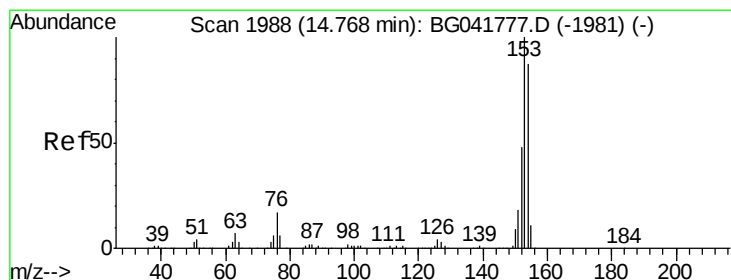
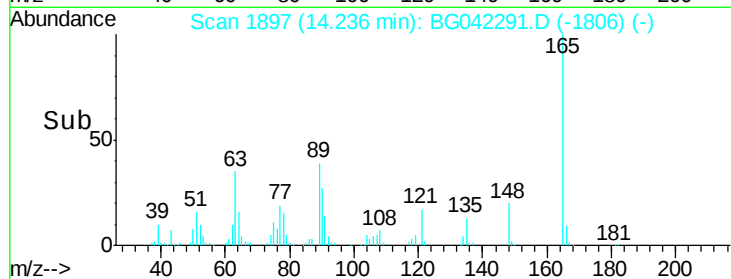
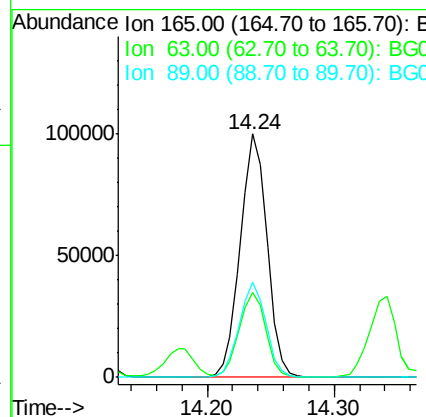
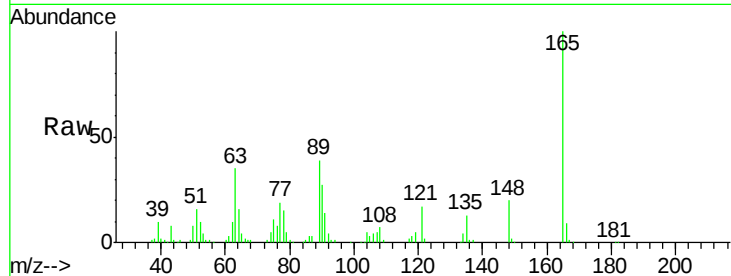
#51
 2,6-Dinitrotoluene
 Concen: 58.844 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145729		
63	34.7		42.4	63.6#
89	39.3		42.1	63.1#

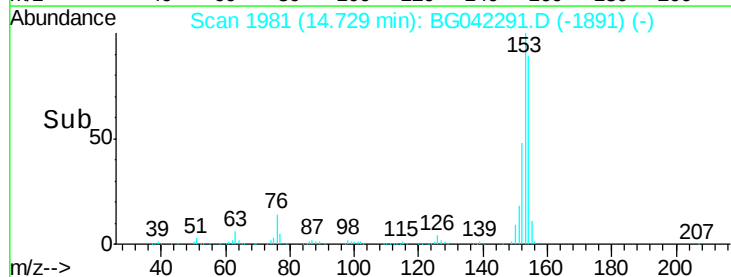
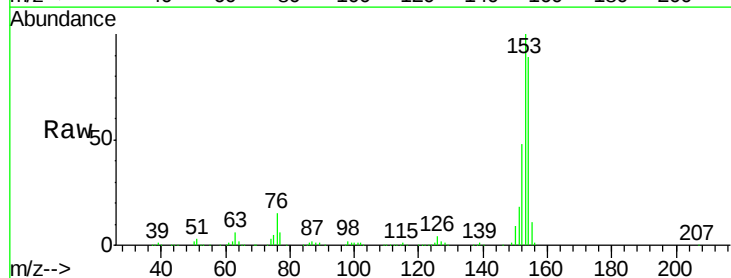
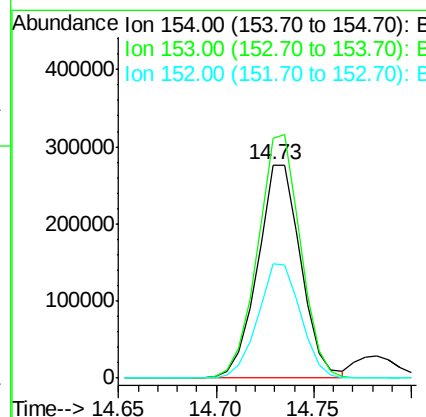
Manual Integrations
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#52
 Acenaphthene
 Concen: 45.908 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	423897		
153	112.4		89.8	134.6
152	53.8		44.9	67.3





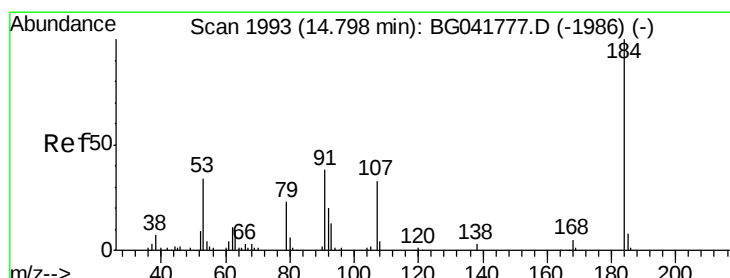
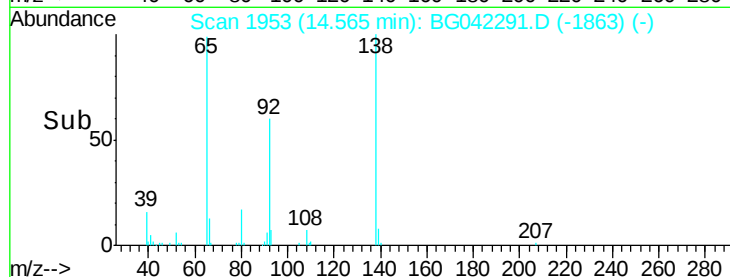
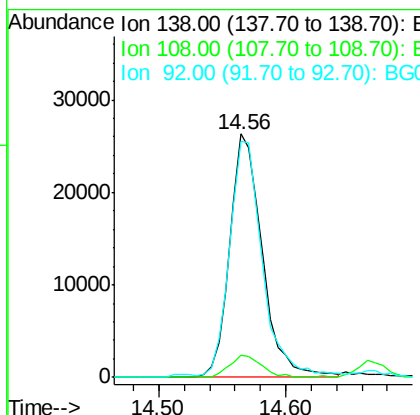
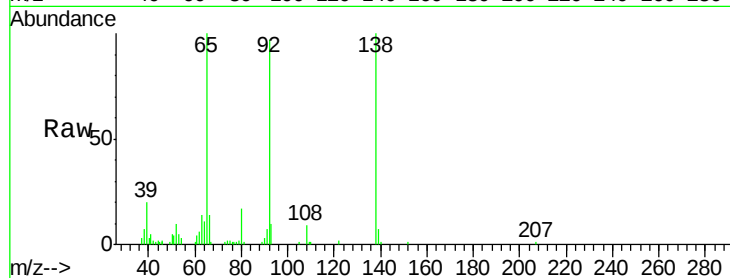
#53
3-Nitroaniline
Concen: 17.577 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	10.3	15.5#
92	96.7	93.0	139.4

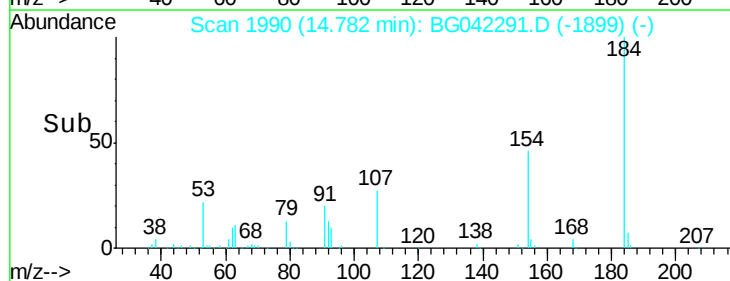
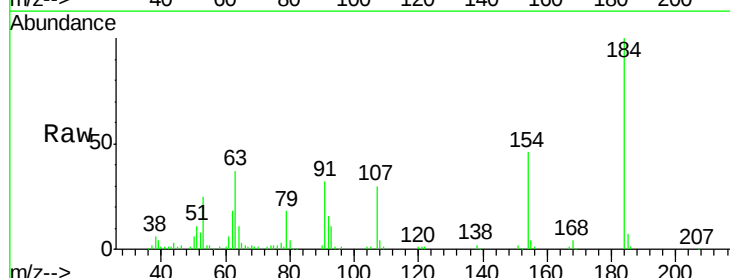
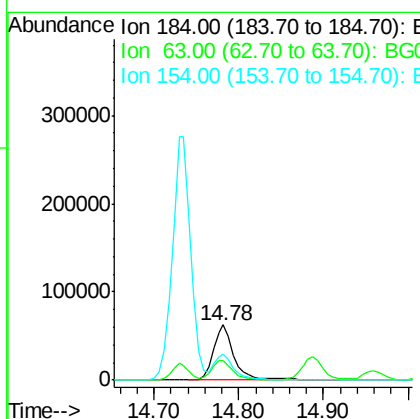
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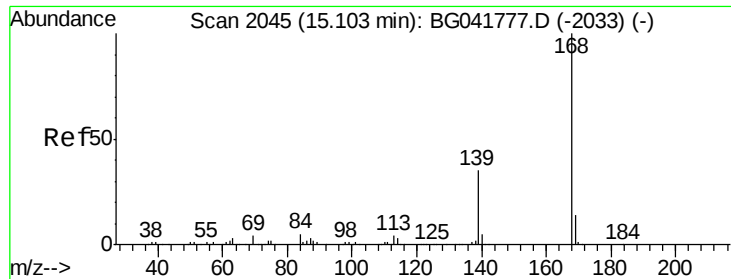
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#54
2,4-Dinitrophenol
Concen: 74.372 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.6	43.2	64.8#
154	46.4	51.4	77.2#





#55

Dibenzenofuran

Concen: 50.117 ng

RT: 15.07 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

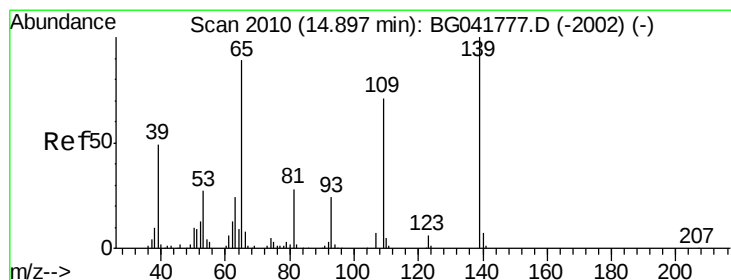
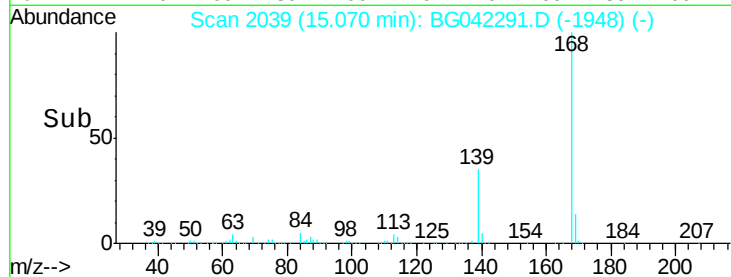
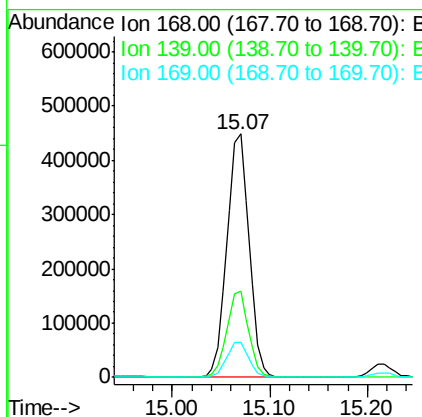
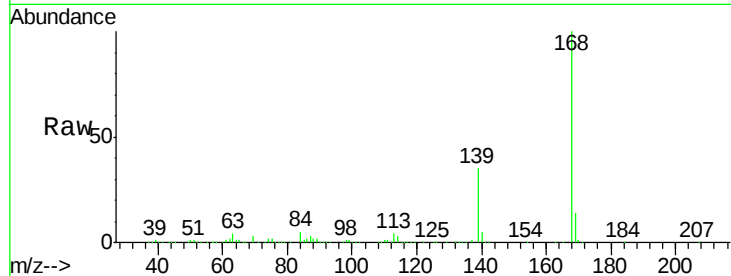
ClientSampleId :

JC-03-081519-AMSD

Tot Ion:	168	Resp:	707828
Ion Ratio	Lower	Upper	
168	100		
139	35.2	31.9	47.9
169	14.3	12.5	18.7

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#56

4-Nitrophenol

Concen: 115.545 ng

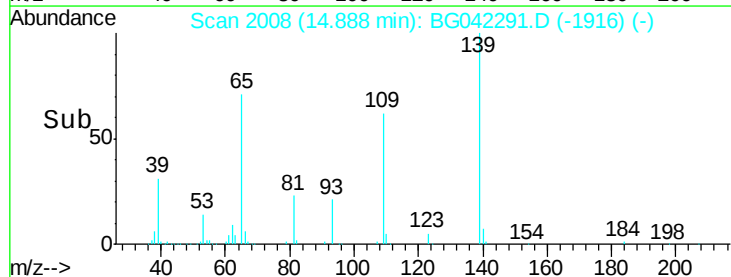
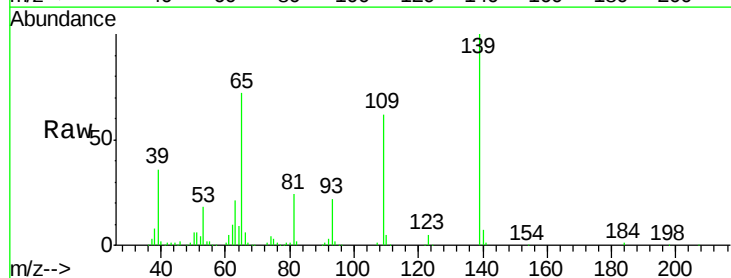
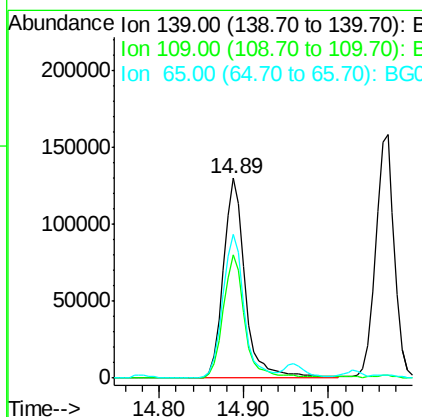
RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	139	Resp:	232372
Ion Ratio	Lower	Upper	
139	100		
109	61.6	51.3	91.3
65	71.9	77.6	117.6#





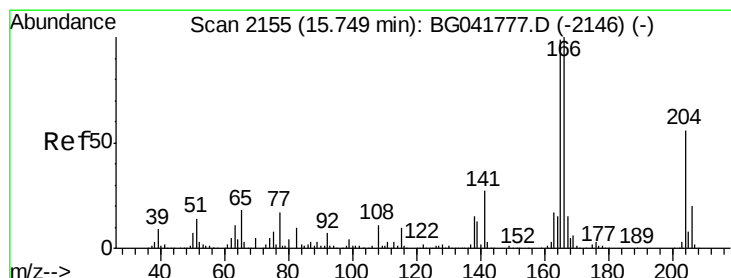
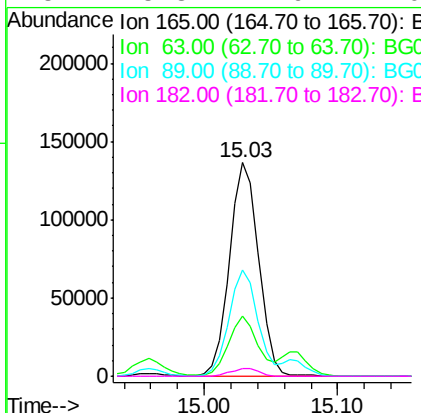
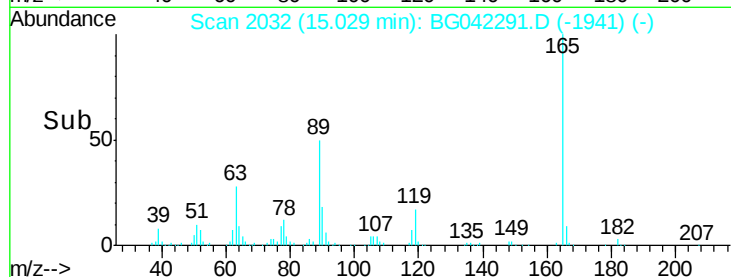
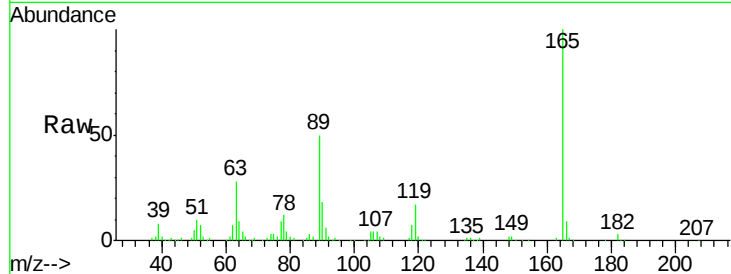
#57
2,4-Dinitrotoluene
Concen: 61.154 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	28.4	31.7	47.5#
89	49.8	50.2	75.4#
182	3.3	2.6	4.0

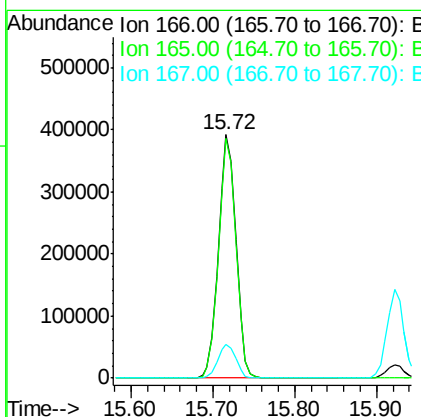
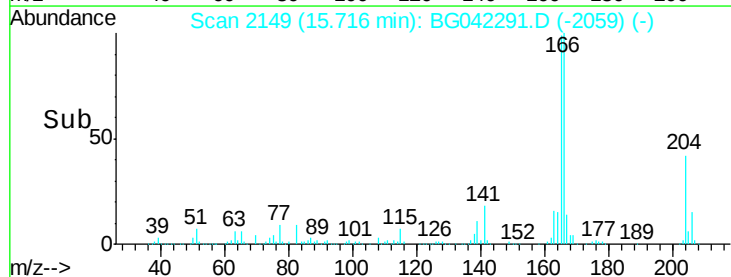
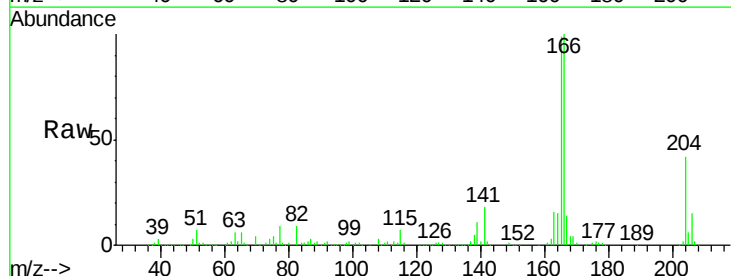
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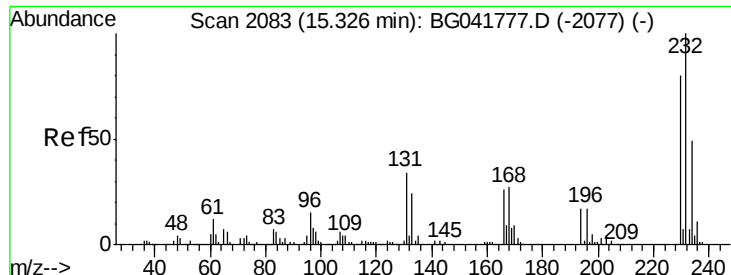
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#58
Fluorene
Concen: 51.599 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.6	80.5	120.7
167	13.9	12.4	18.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.736 ng

RT: 15.30 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tot Ion:232 Resp: 202600
Ion Ratio Lower Upper

232 100

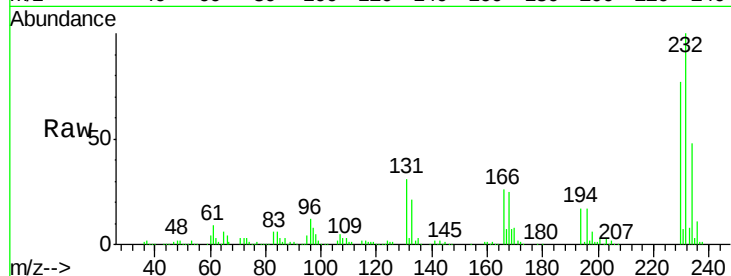
131 31.5 31.8 47.6#

130 0.9 1.8 2.8#

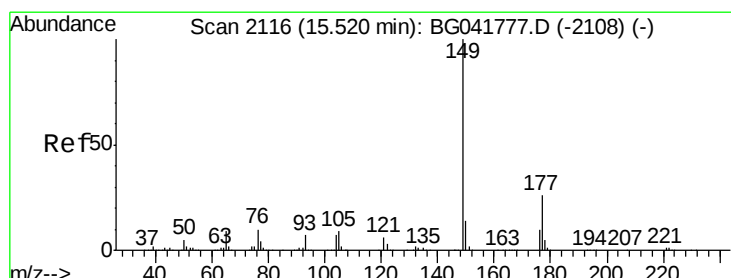
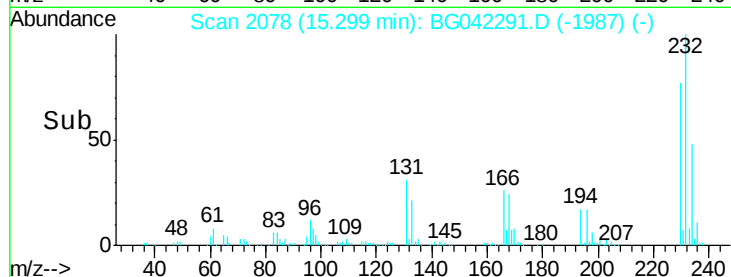
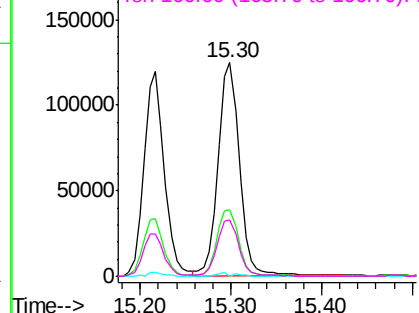
166 26.7 23.5 35.3

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



#60

Diethylphthalate

Concen: 51.086 ng

RT: 15.48 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

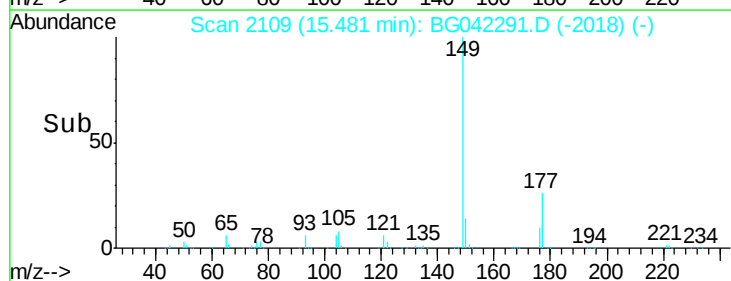
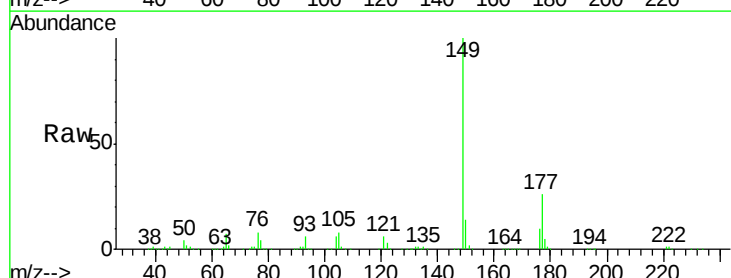
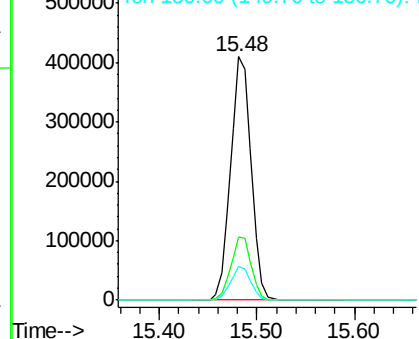
Tgt Ion:149 Resp: 594013
Ion Ratio Lower Upper

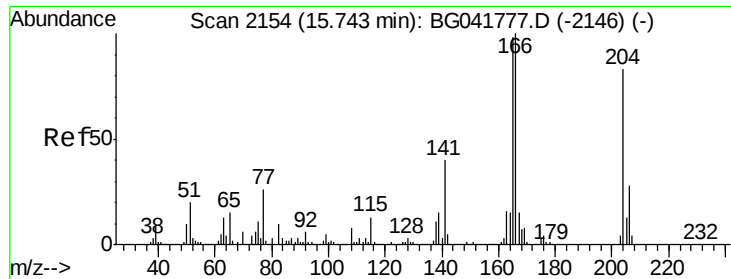
149 100

177 26.0 20.7 31.1

150 14.0 11.5 17.3

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





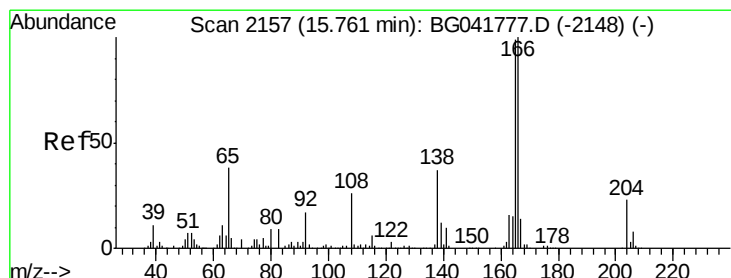
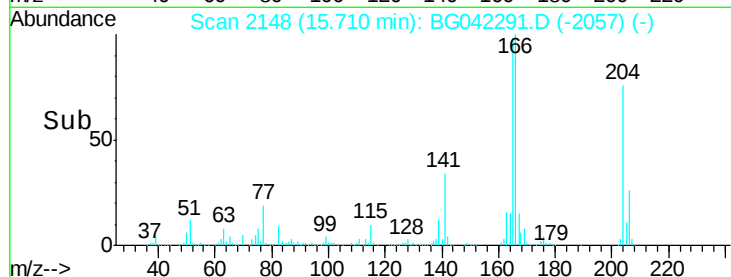
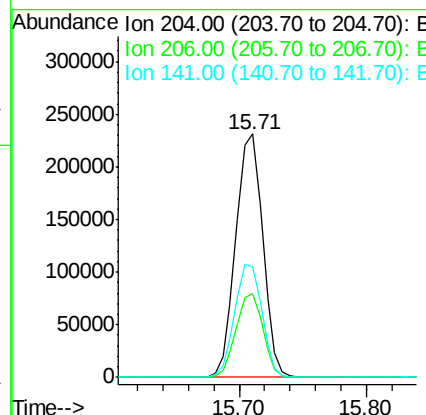
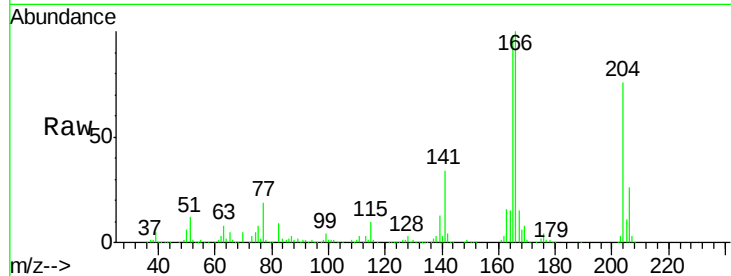
#61
4-Chlorophenyl-phenylether
Concen: 49.198 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	340419		
206	34.1	28.6	42.8	
141	45.3	42.9	64.3	

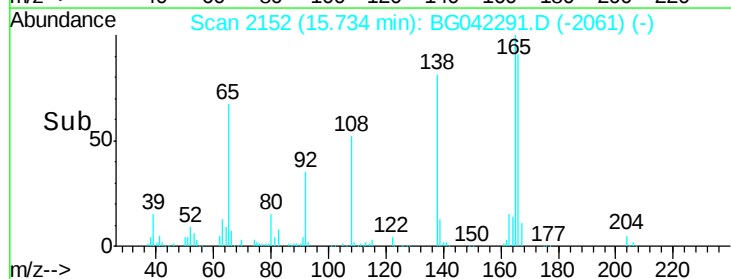
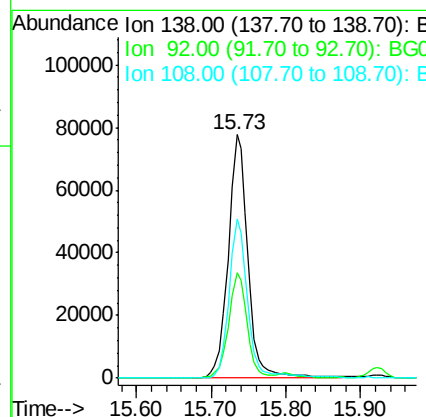
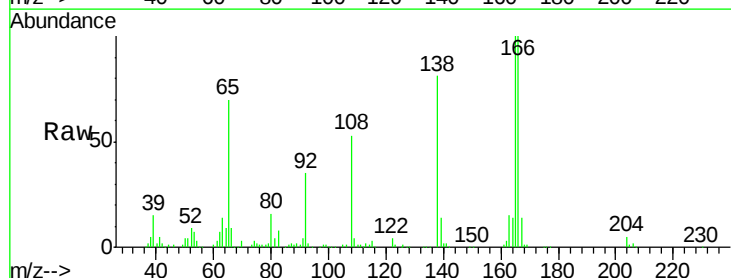
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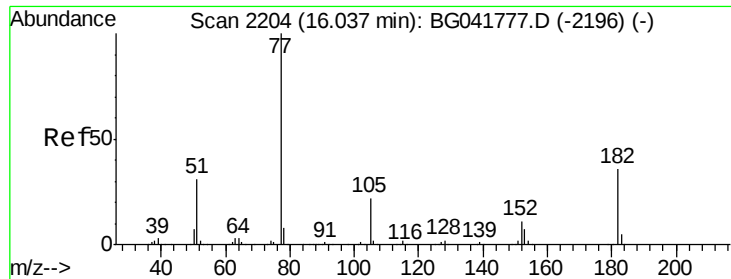
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#62
4-Nitroaniline
Concen: 50.089 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	143740		
92	43.2	29.8	69.8	
108	65.4	52.2	92.2	





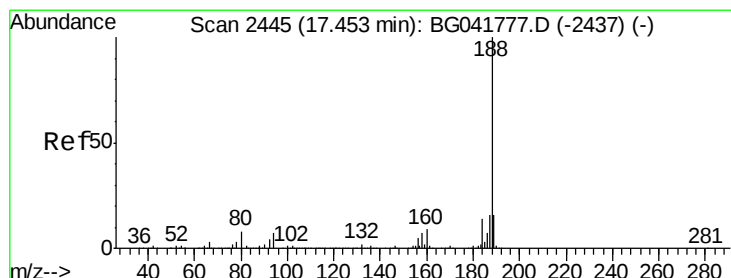
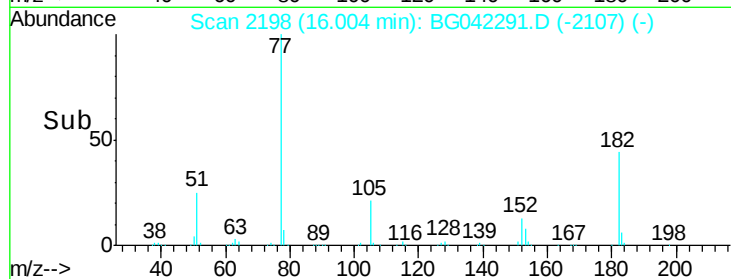
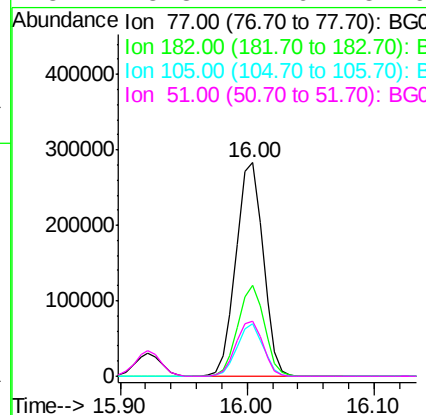
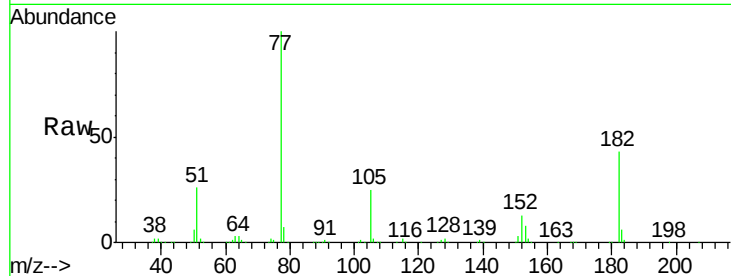
#63
Azobenzene
Concen: 44.084 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	42.7	13.2	53.2	
105	24.6	2.2	42.2	
51	25.8	14.6	54.6	

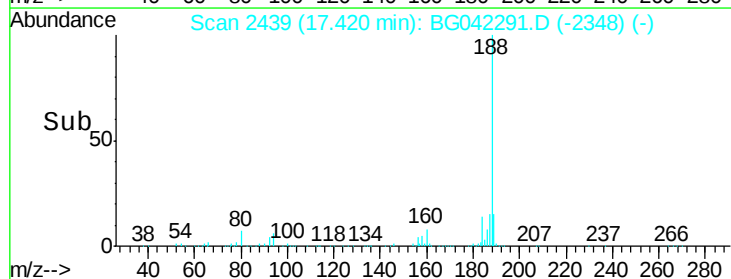
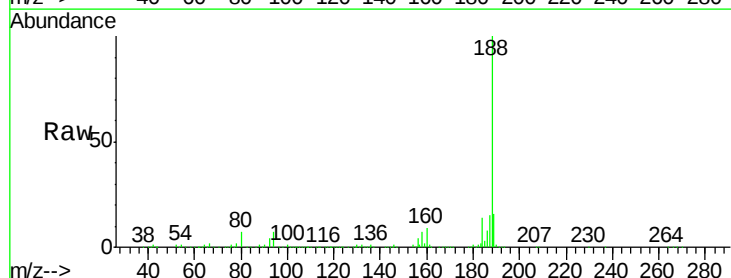
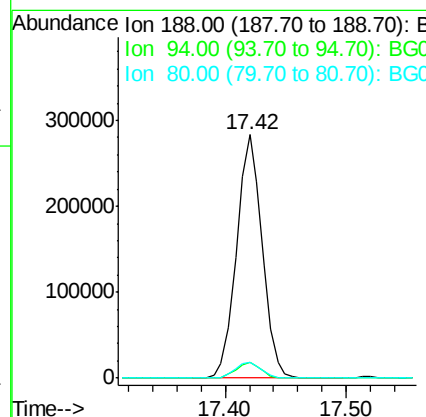
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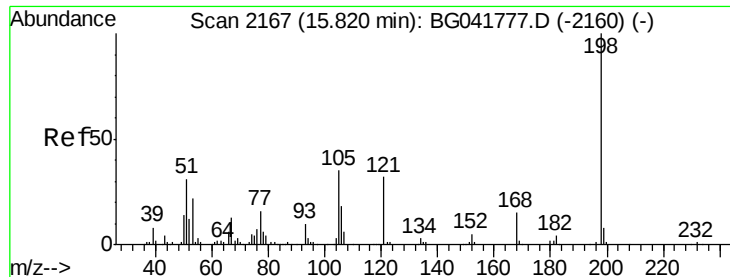
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	6.9	10.3#	
80	6.7	8.0	12.0#	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.633 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

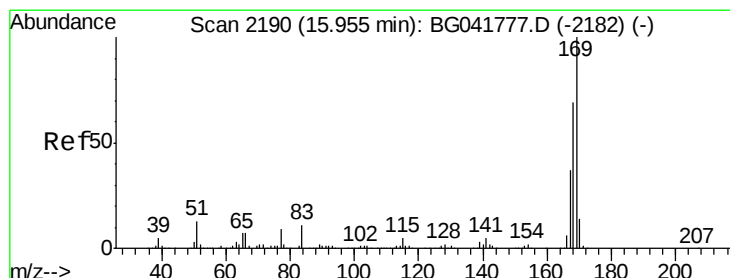
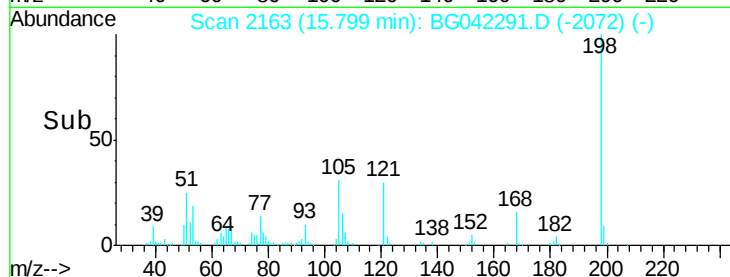
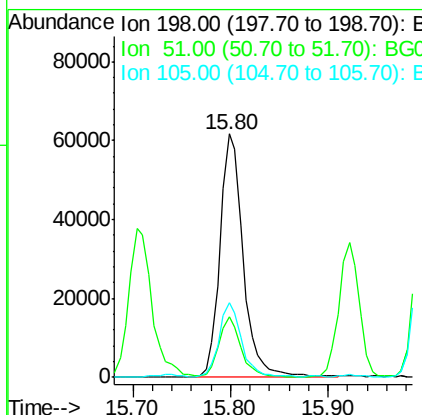
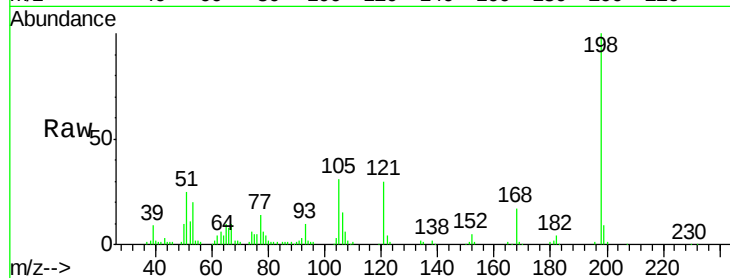
ClientSampleId :

JC-03-081519-AMSD

Tot Ion:	198	Resp:	102046
Ion Ratio	Lower	Upper	
198	100		
51	25.1	22.3	62.3
105	30.7	18.0	58.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 49.248 ng

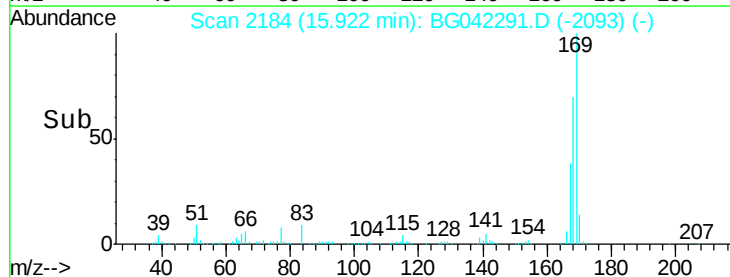
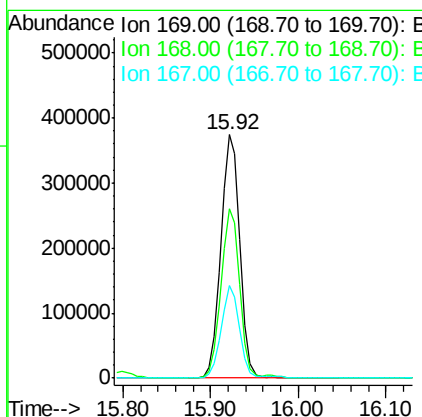
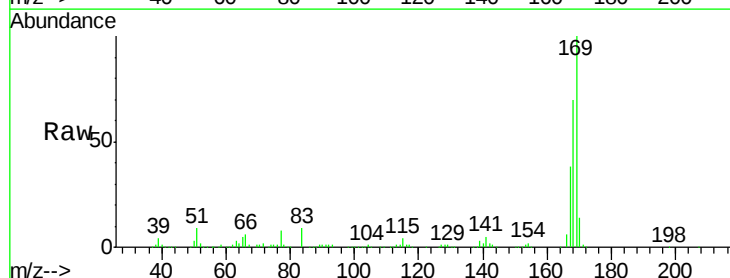
RT: 15.92 min Scan# 2184

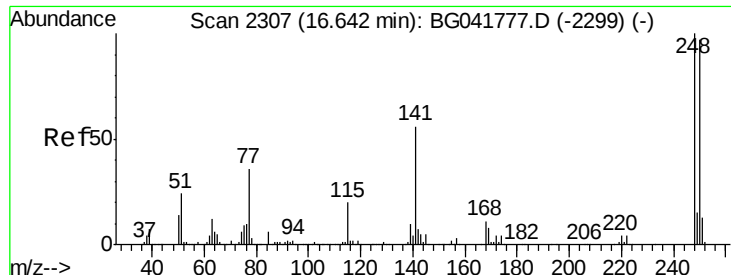
Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	169	Resp:	560458
Ion Ratio	Lower	Upper	
169	100		
168	69.7	56.9	85.3
167	38.0	31.5	47.3





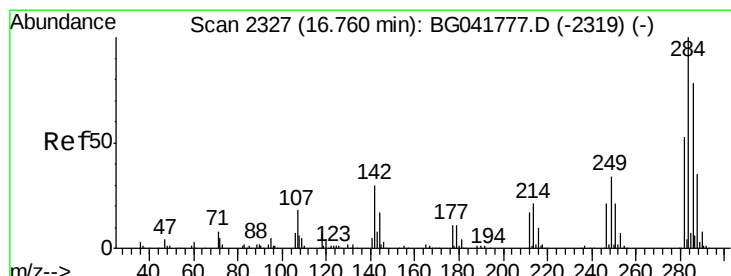
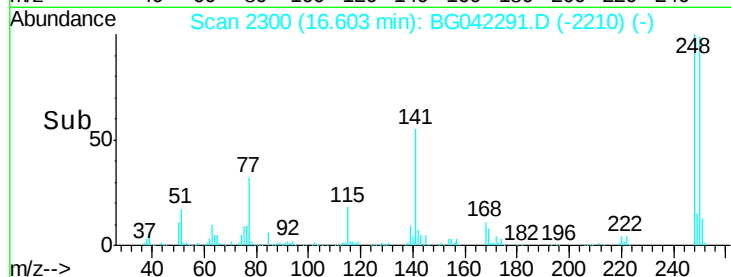
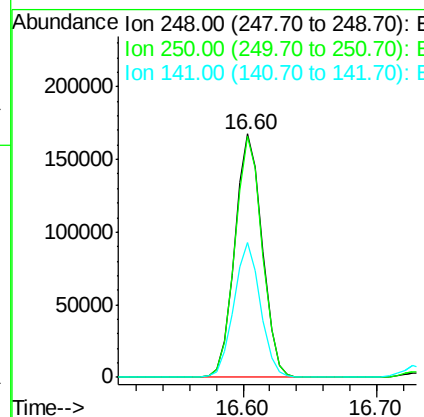
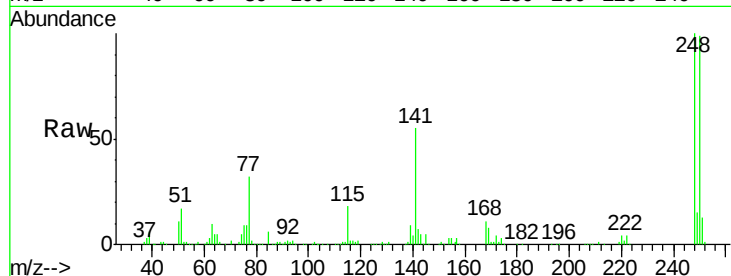
#67
 4-Bromophenyl-phenylether
 Concen: 46.660 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.1	117.1
141	55.4	49.6	74.4

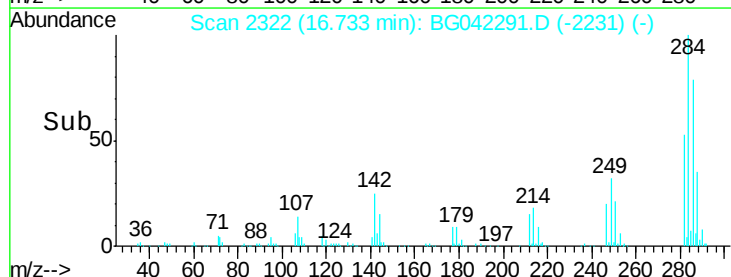
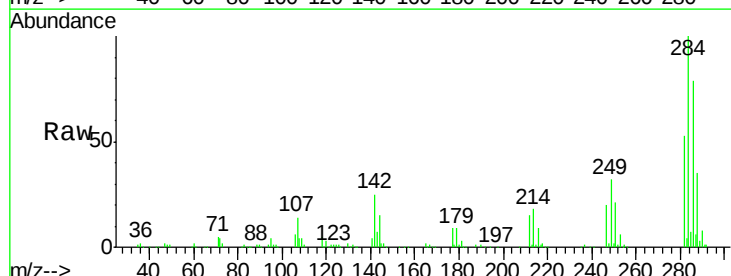
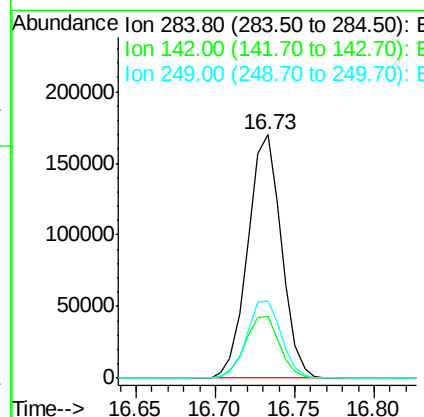
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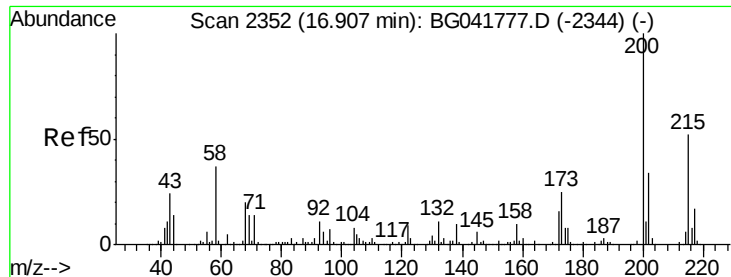
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#68
 Hexachlorobenzene
 Concen: 46.280 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	27.0	40.6#
249	31.8	28.4	42.6





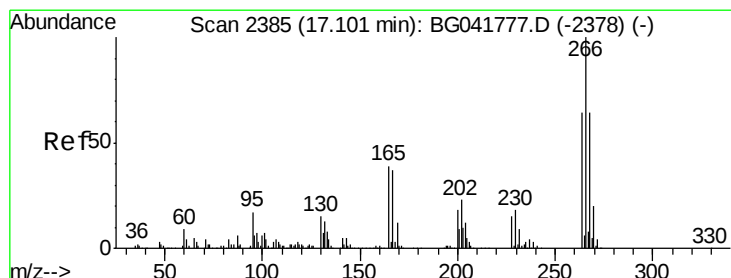
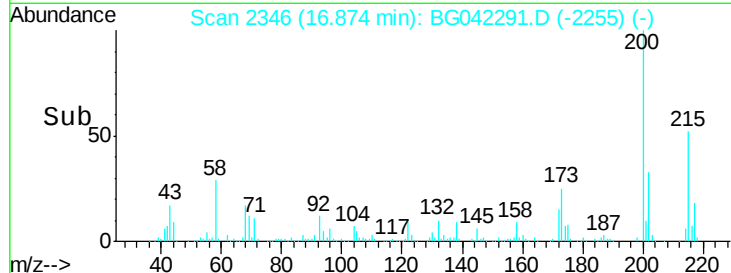
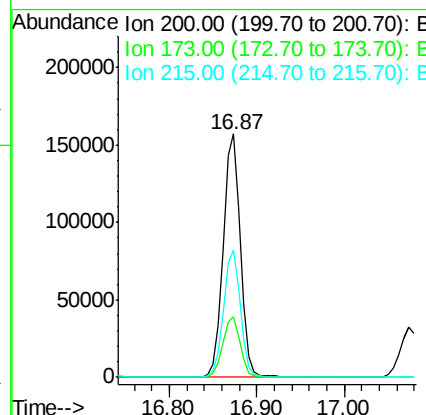
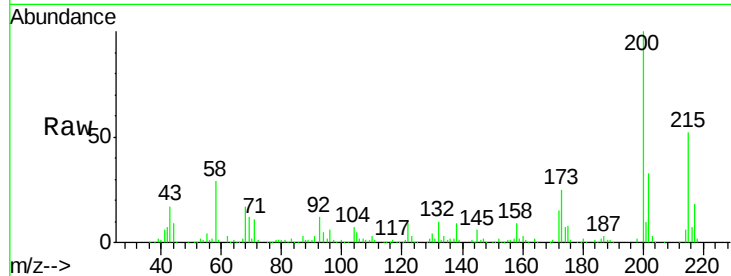
#69
 Atrazine
 Concen: 48.011 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.3	45.3
215	52.2	31.8	71.8

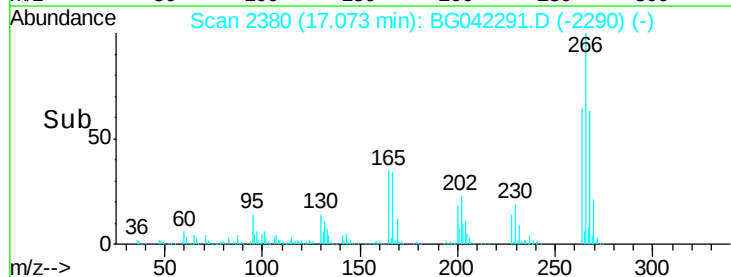
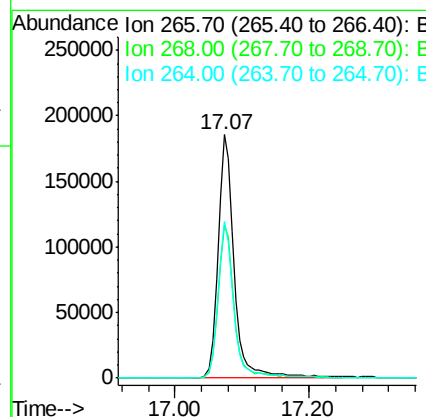
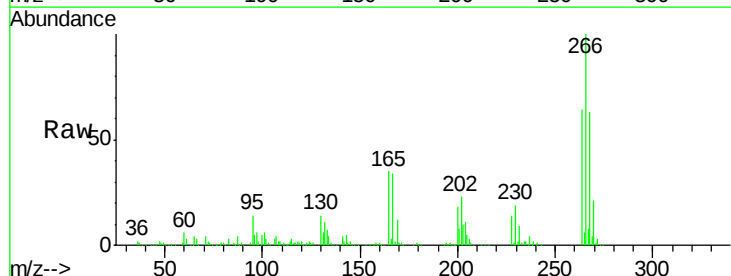
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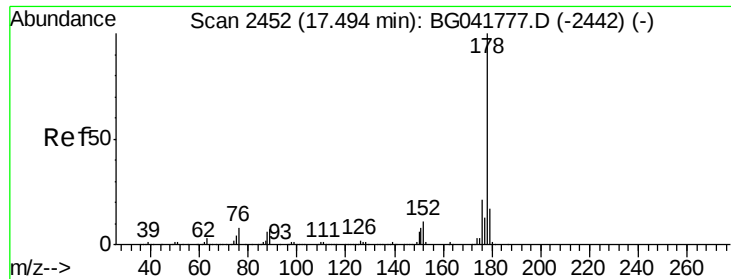
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#70
 Pentachlorophenol
 Concen: 103.698 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.9	79.3
264	64.5	51.4	77.2





#71

Phenanthrene

Concen: 50.539 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tot Ion:178 Resp: 1012092

Ion Ratio Lower Upper

178 100

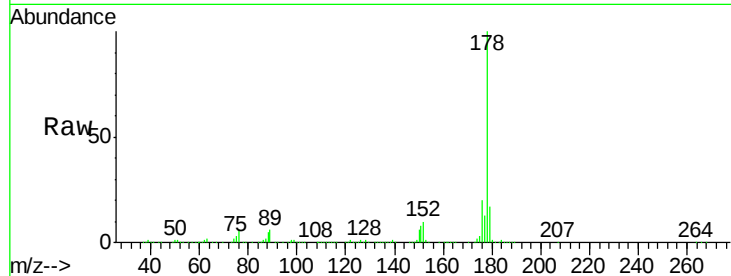
176 20.3 18.6 28.0

179 16.7 15.4 23.0

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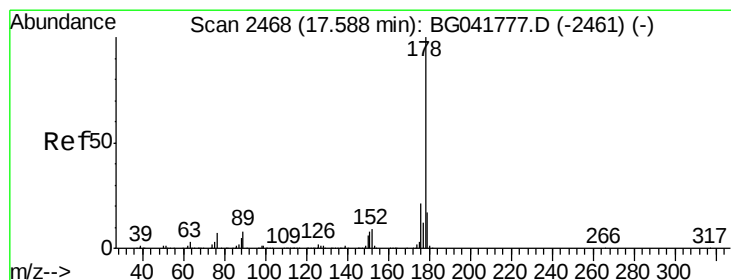
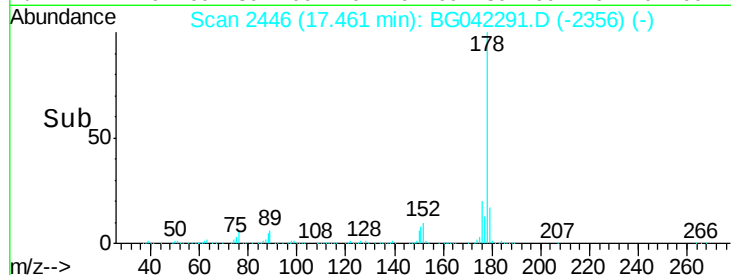
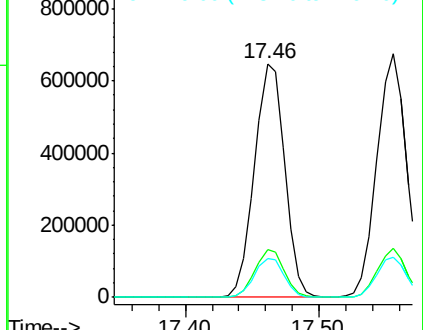
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.440 ng

RT: 17.56 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

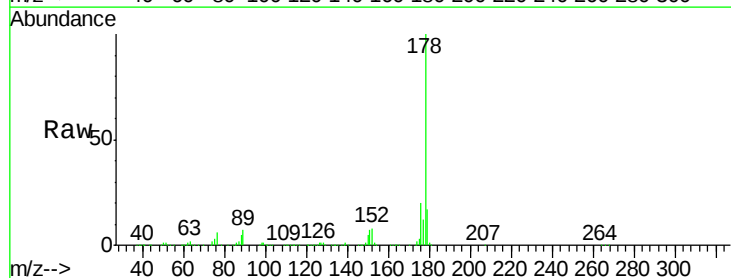
Tgt Ion:178 Resp: 1027377

Ion Ratio Lower Upper

178 100

176 19.9 18.6 28.0

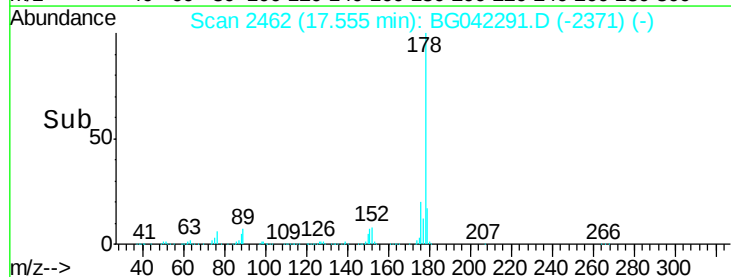
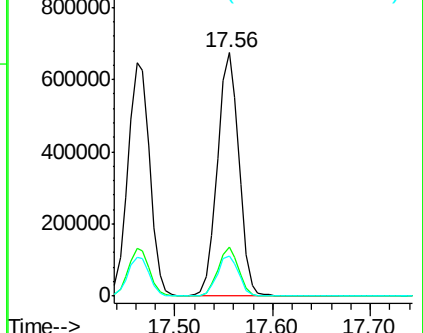
179 16.7 15.1 22.7

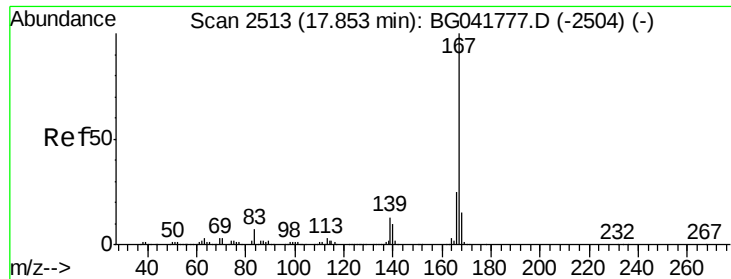


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





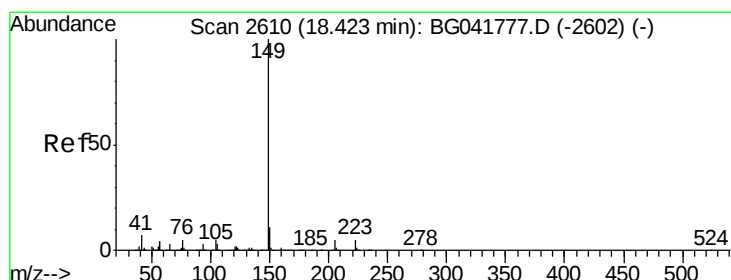
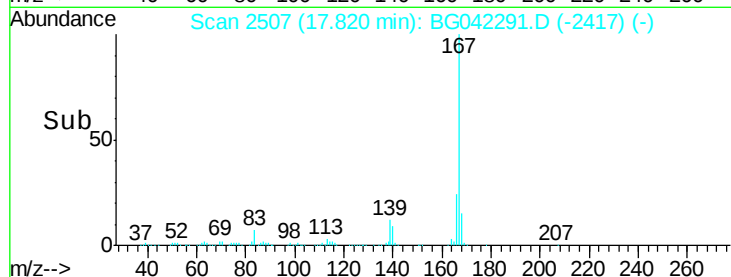
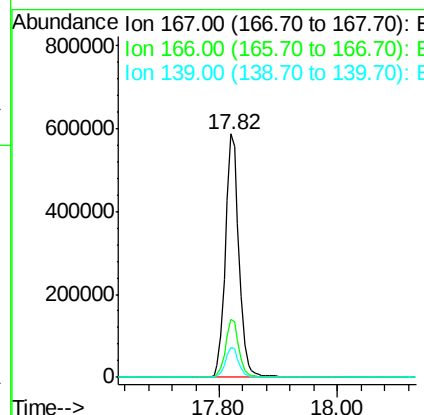
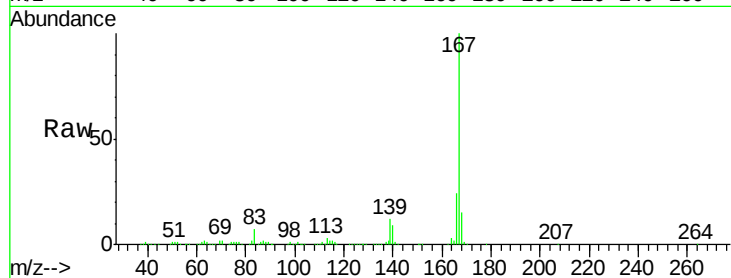
#73
 Carbazole
 Concen: 52.868 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	21.4	32.2
139	12.5	12.1	18.1

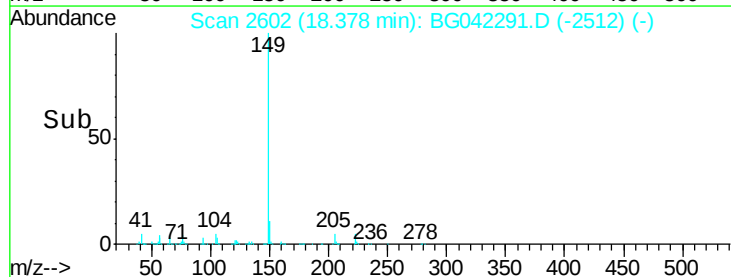
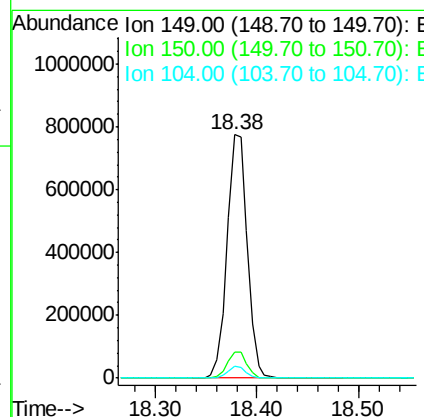
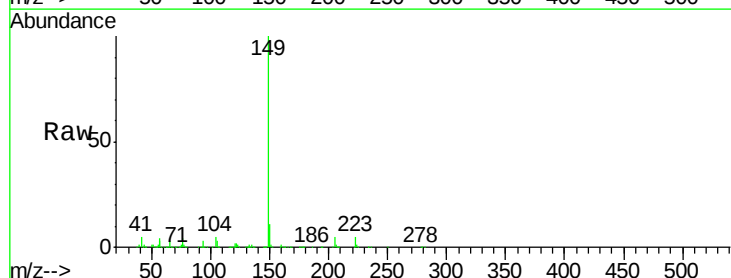
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#74
 Di-n-butylphthalate
 Concen: 52.572 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	10.2	15.2
104	4.7	5.3	7.9#





#75

Fluoranthene

Concen: 53.975 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

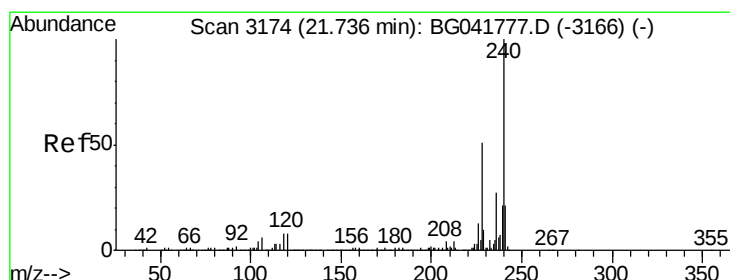
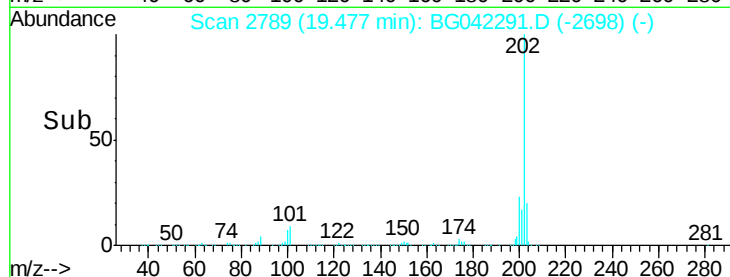
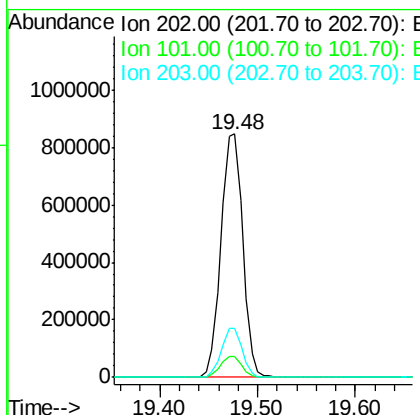
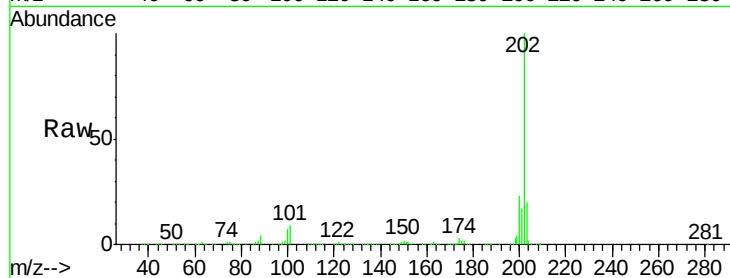
ClientSampleId :

JC-03-081519-AMSD

Tot Ion:	202	Resp:	1313845
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	32.8
203	20.1	3.7	43.7

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#76

Chrysene-d12

Concen: 20.000 ng

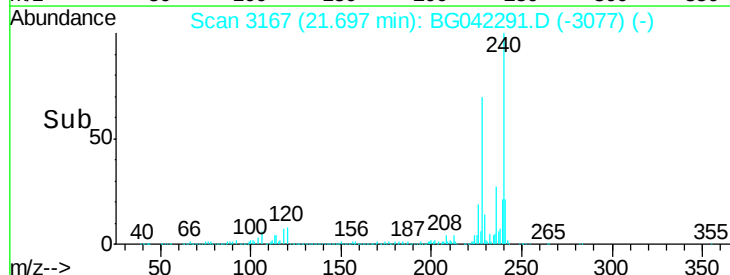
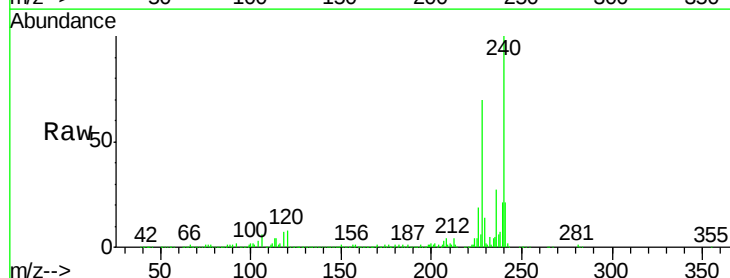
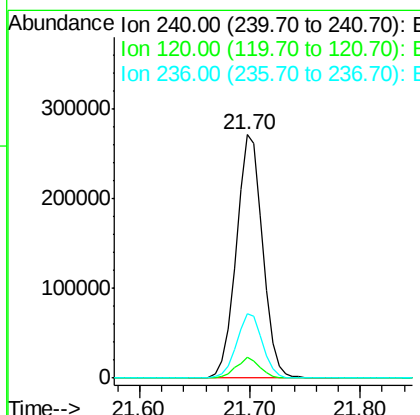
RT: 21.70 min Scan# 3167

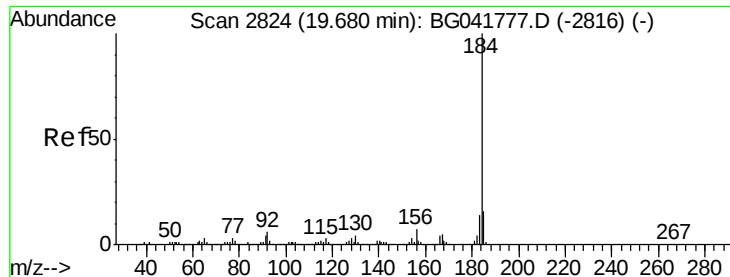
Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion:	240	Resp:	452884
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.0	12.0
236	26.7	22.6	33.8





#77

Benzidine

Concen: 16.647 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tot Ion:184 Resp: 246079

Ion Ratio Lower Upper

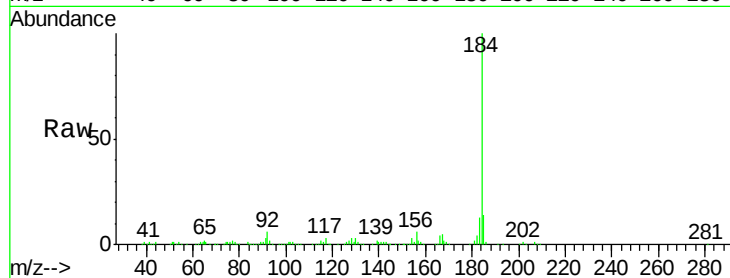
184 100

185 14.3 13.0 19.4

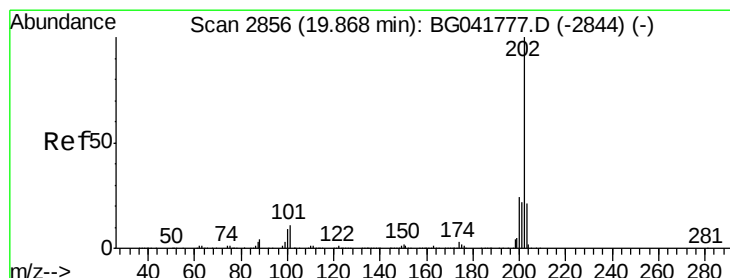
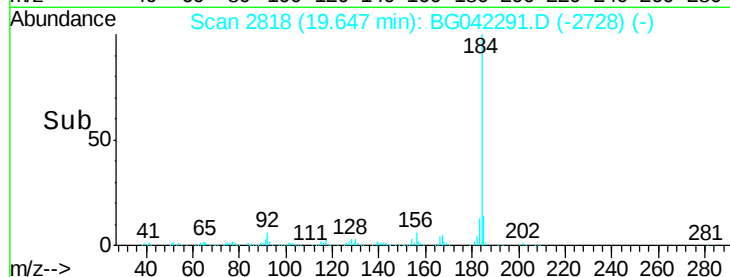
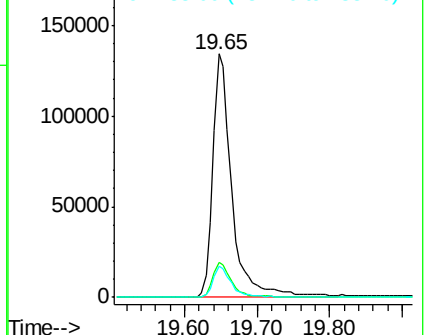
183 12.8 11.8 17.6

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



#78

Pyrene

Concen: 49.112 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

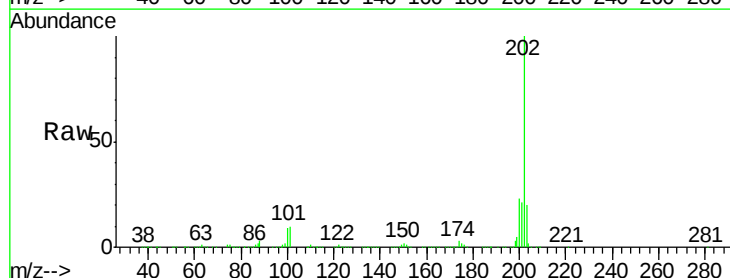
Tgt Ion:202 Resp: 1317806

Ion Ratio Lower Upper

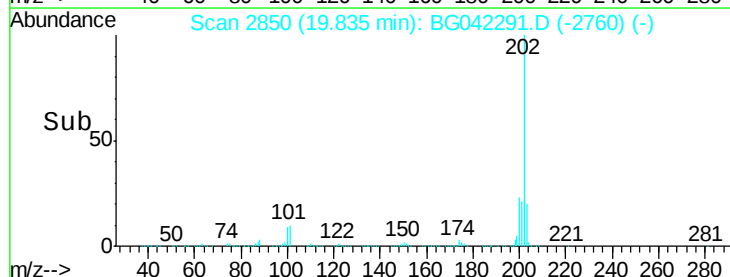
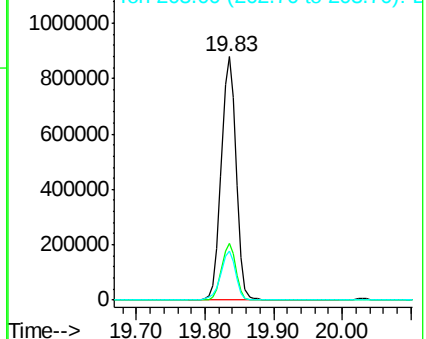
202 100

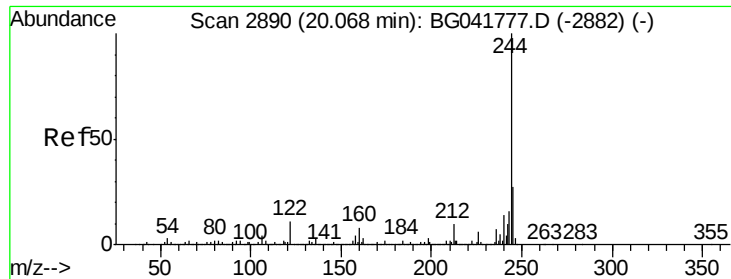
200 23.4 22.2 33.2

203 20.3 18.9 28.3



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





#79

Terphenyl-d14

Concen: 96.464 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMSD

Tot Ion:244 Resp: 1909176

Ion Ratio Lower Upper

244 100

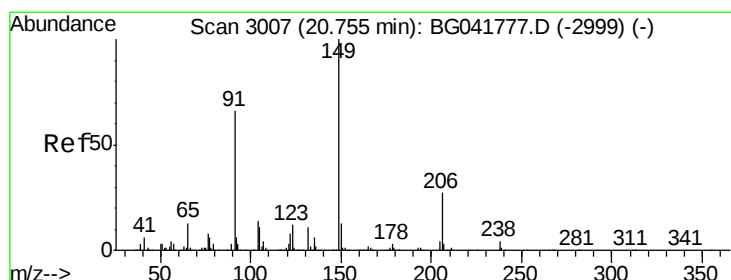
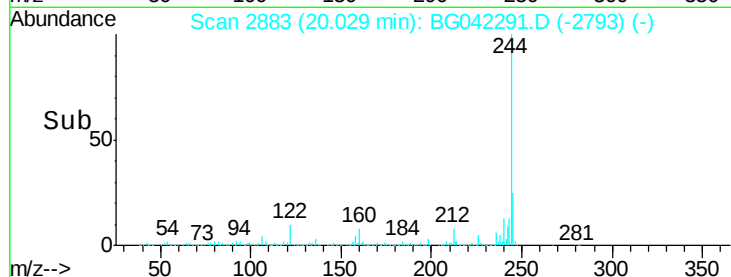
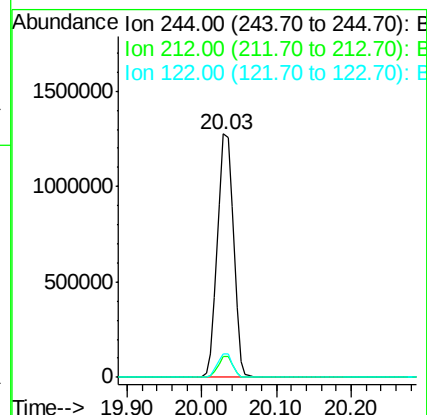
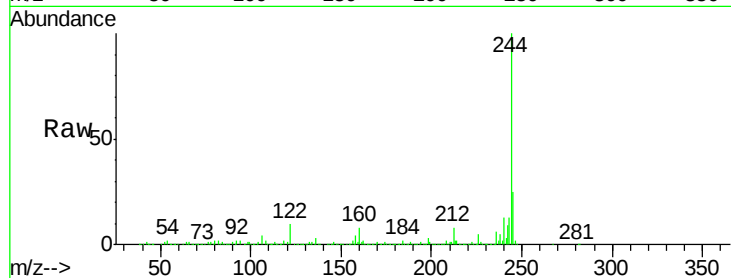
212 8.4 9.7 14.5#

122 9.9 12.5 18.7#

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#80

Butylbenzylphthalate

Concen: 52.066 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

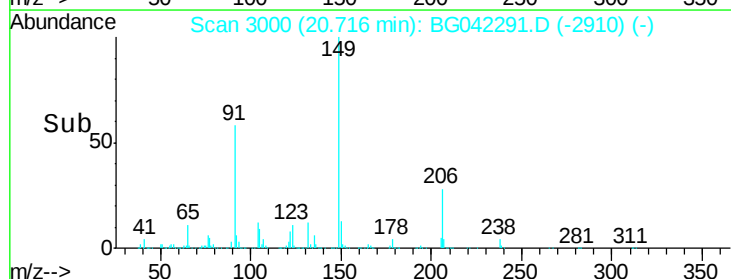
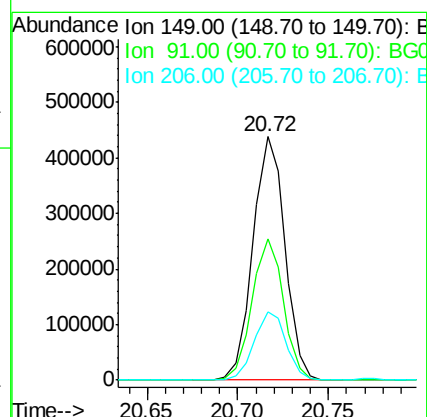
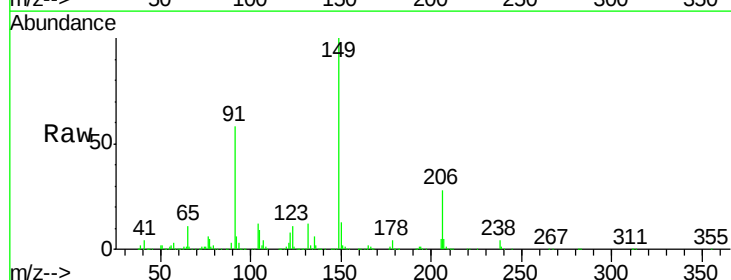
Tgt Ion:149 Resp: 535642

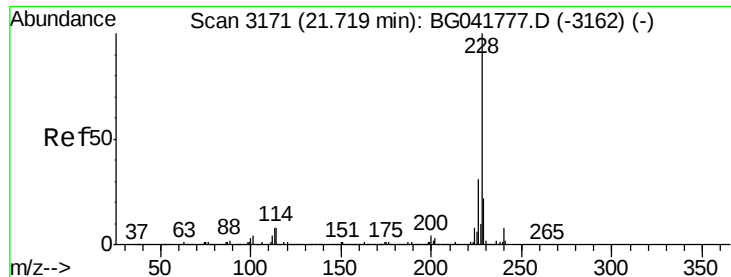
Ion Ratio Lower Upper

149 100

91 58.0 58.9 88.3#

206 28.0 20.8 31.2





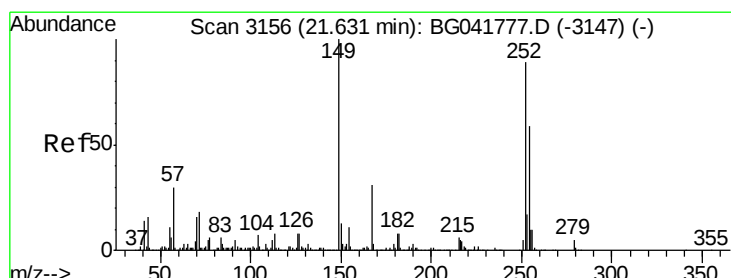
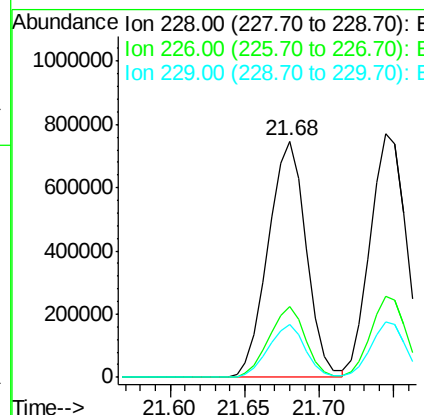
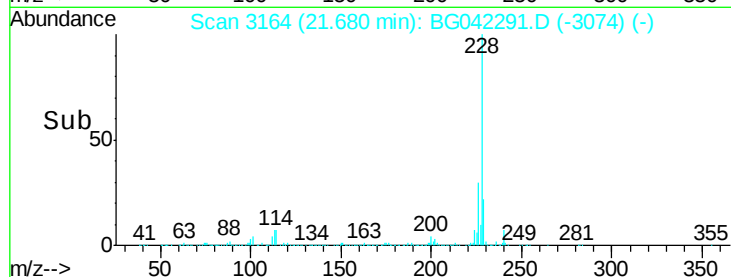
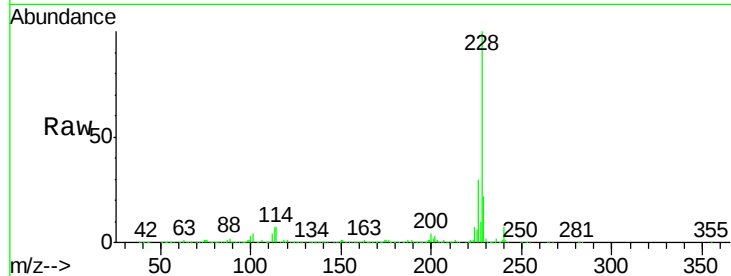
#81
Benzo(a)anthracene
Concen: 49.447 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion:228 Resp: 1324911
Ion Ratio Lower Upper
228 100
226 29.9 27.3 40.9
229 22.2 19.7 29.5

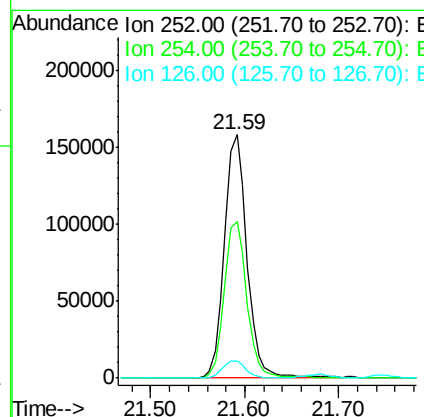
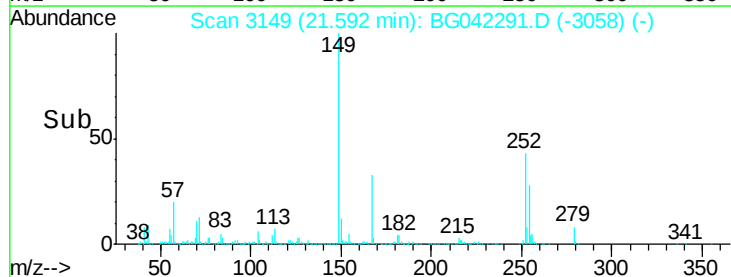
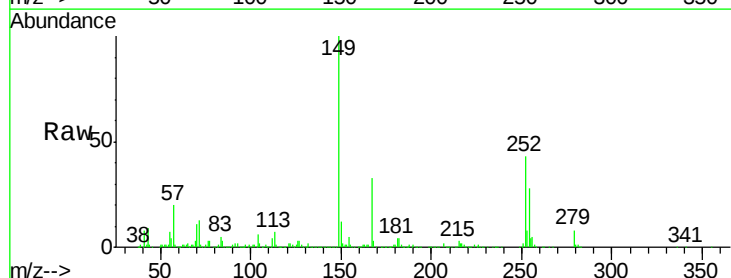
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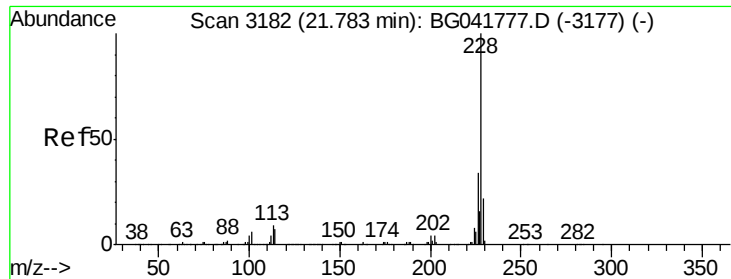
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#82
3,3'-Dichlorobenzidine
Concen: 24.783 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion:252 Resp: 266619
Ion Ratio Lower Upper
252 100
254 64.2 53.8 80.6
126 6.8 7.8 11.8#





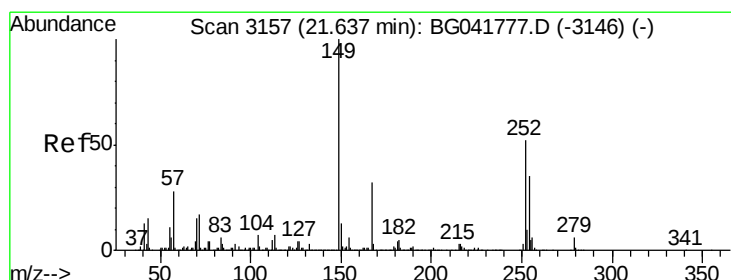
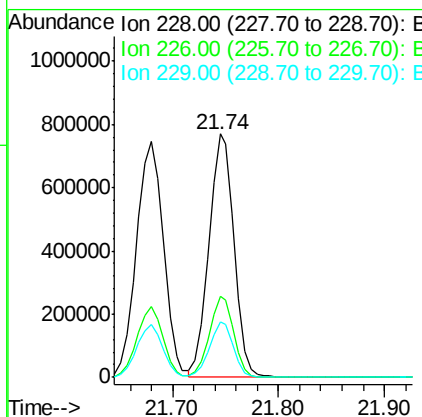
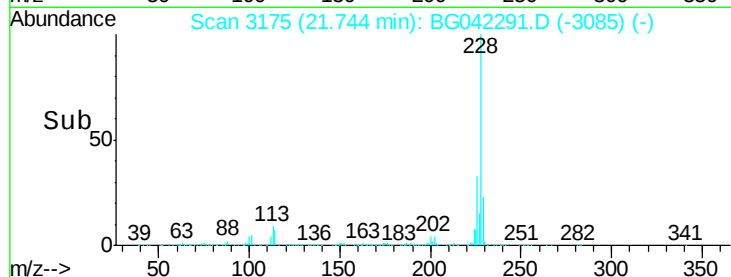
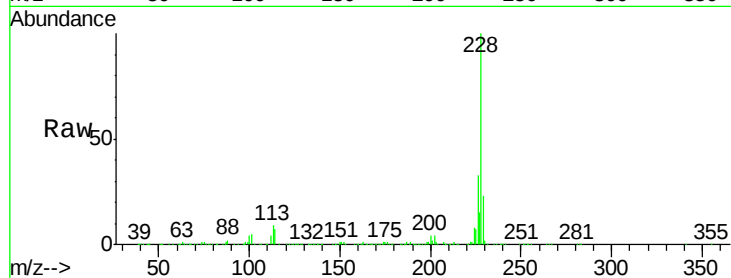
#83
 Chrysene
 Concen: 49.622 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	33.4	30.1	45.1	
229	22.8	19.8	29.6	

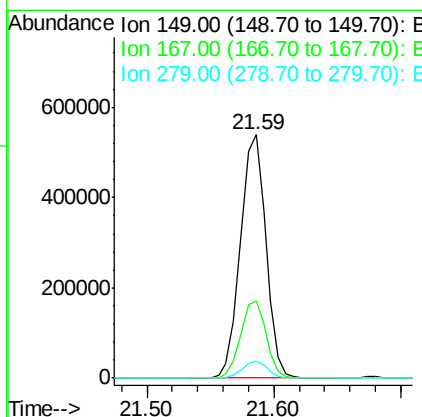
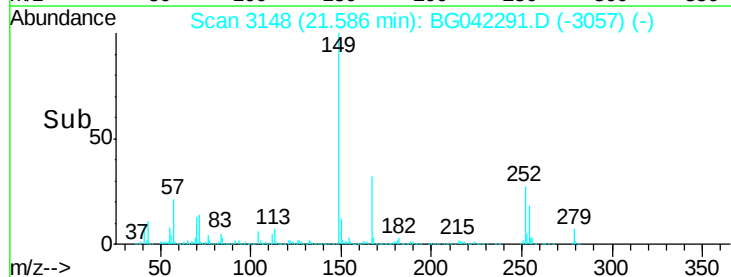
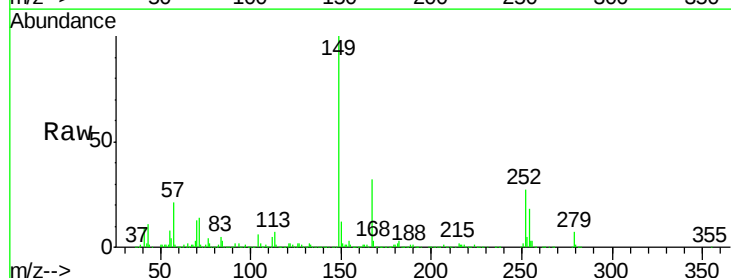
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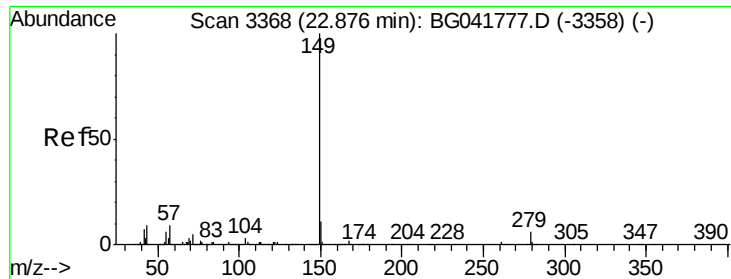
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.960 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG042291.D
 Acq: 17 Aug 2019 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	31.7	27.0	40.4	
279	7.0	5.0	7.6	





#85

Di-n-octyl phthalate

Concen: 53.506 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Instrument :

BNA_G

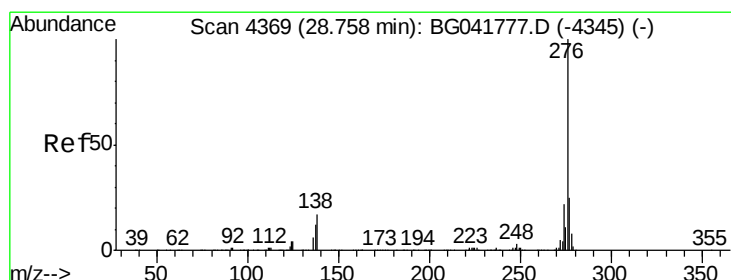
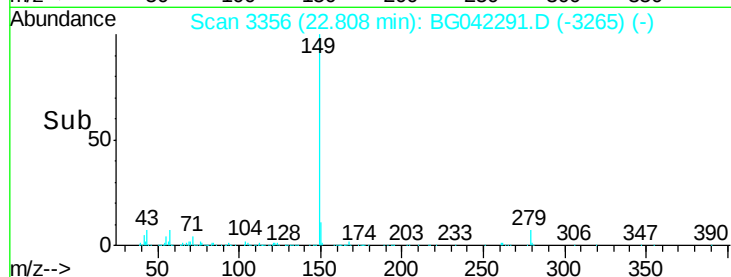
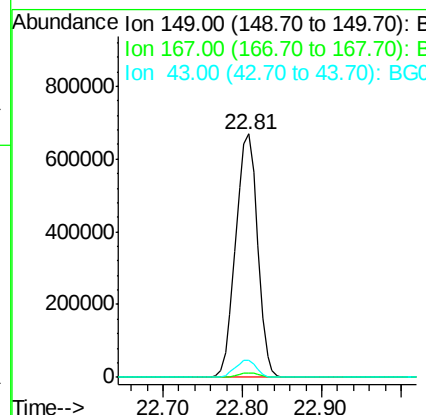
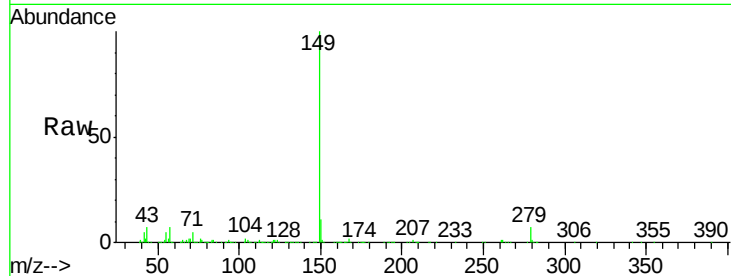
ClientSampleId :

JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	6.7	10.6	16.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.213 ng

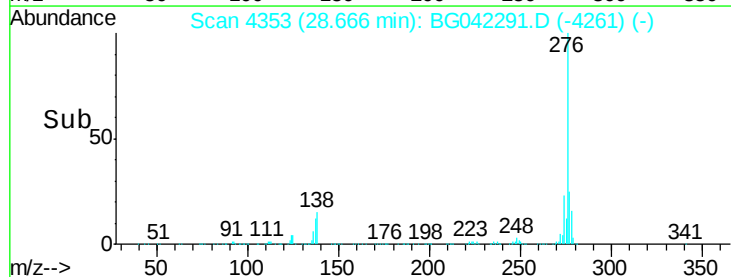
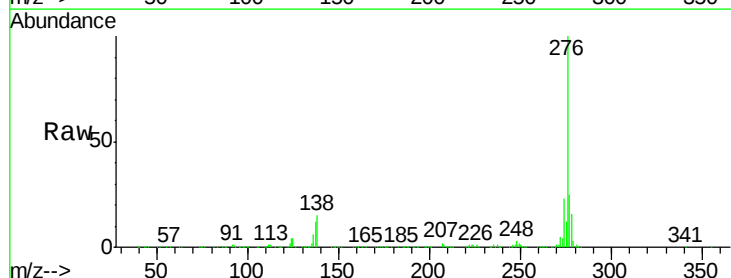
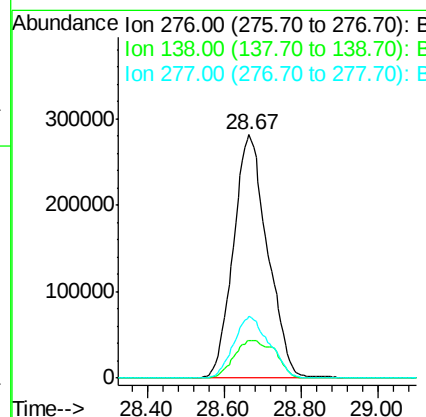
RT: 28.67 min Scan# 4353

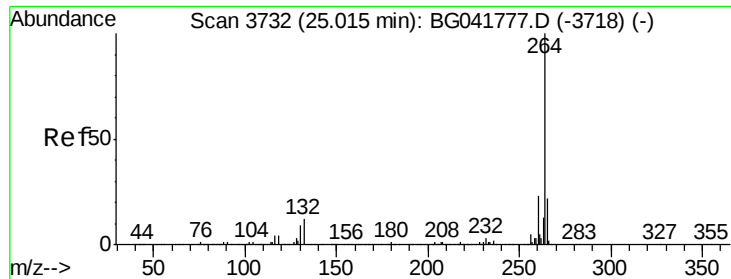
Delta R.T. 0.01 min

Lab File: BG042291.D

Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	19.4	29.0
277	26.4	21.2	31.8





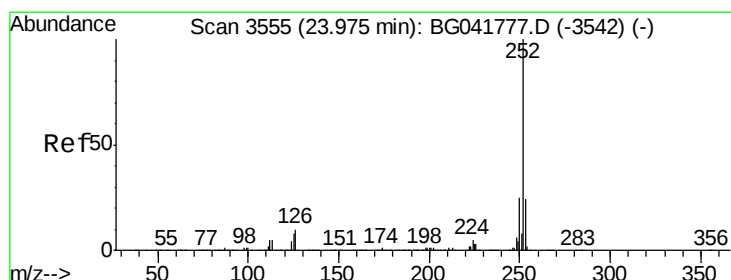
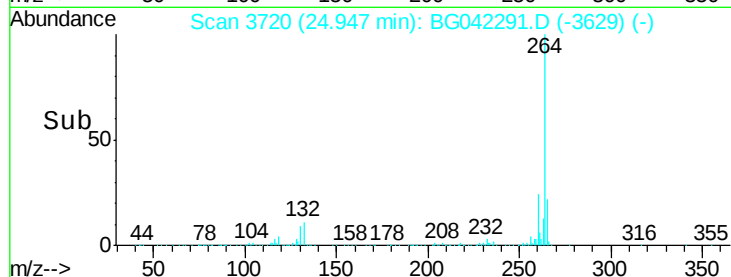
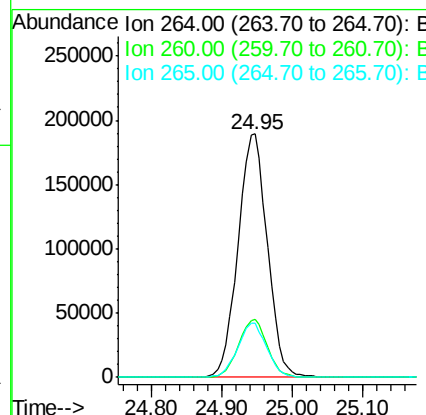
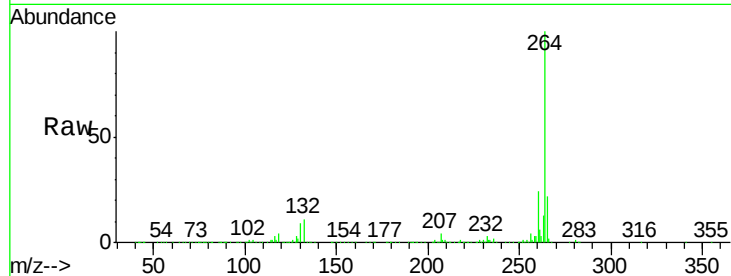
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	18.0	27.0

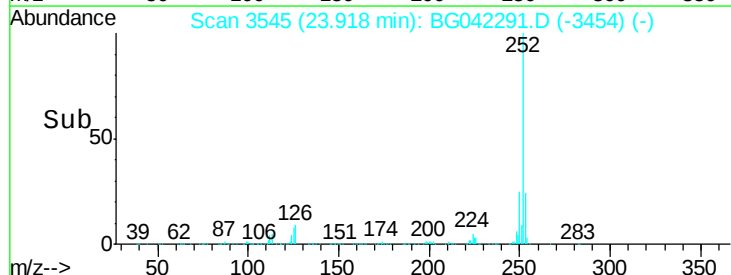
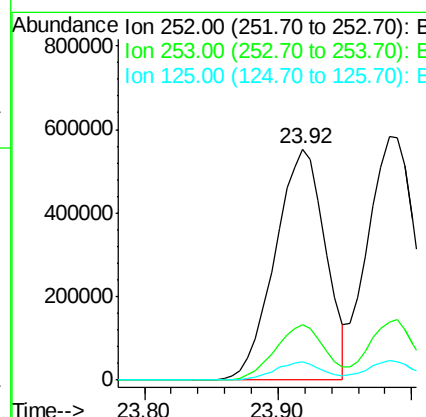
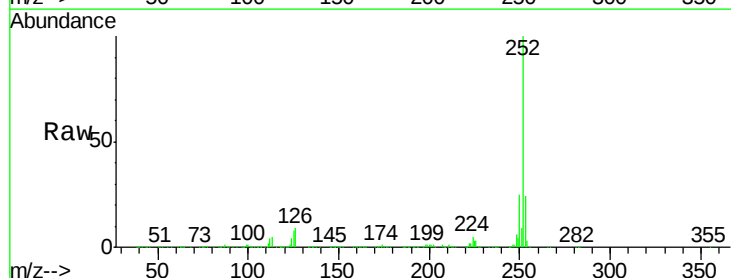
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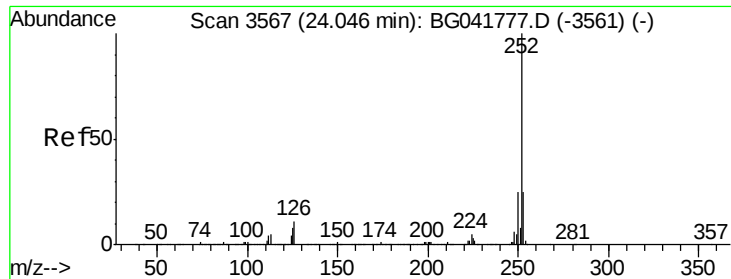
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#88
Benzo(b)fluoranthene
Concen: 48.380 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	30.8
125	7.7	8.0	12.0#





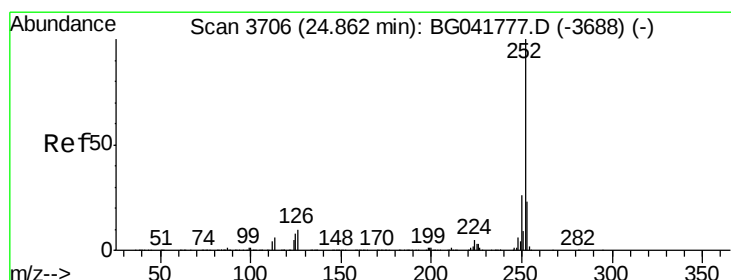
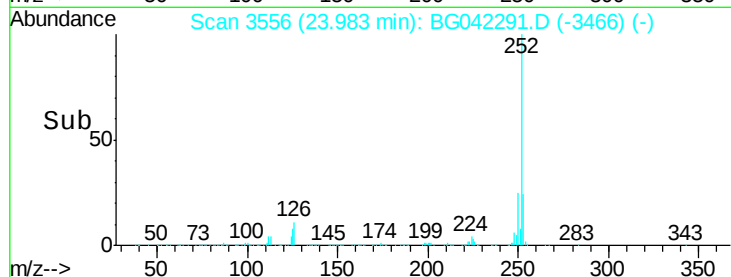
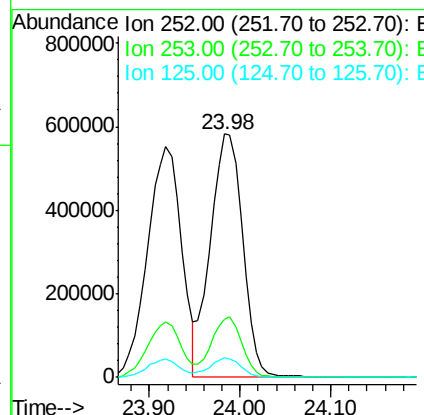
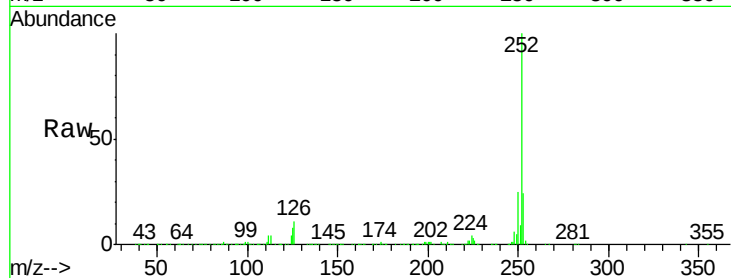
#89
Benzo(k)fluoranthene
Concen: 49.686 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.5	30.7
125	7.9	8.4	12.6

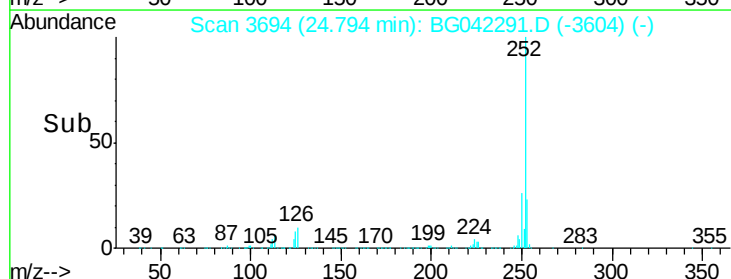
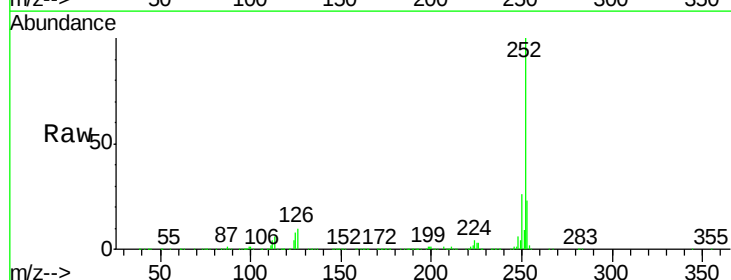
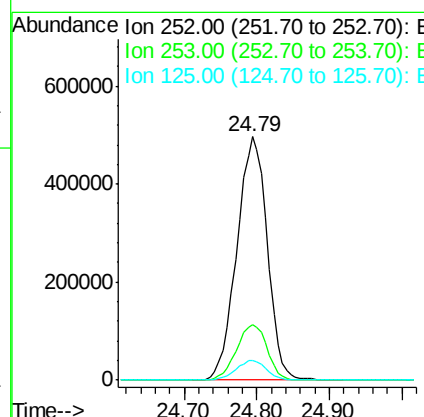
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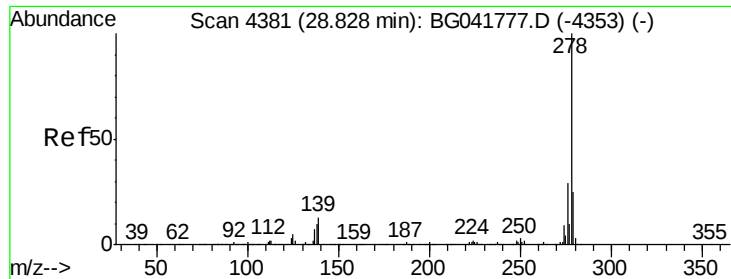
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#90
Benzo(a)pyrene
Concen: 50.389 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.8	29.8
125	8.0	8.8	13.2





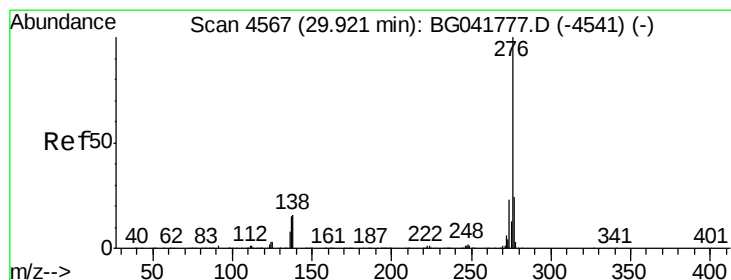
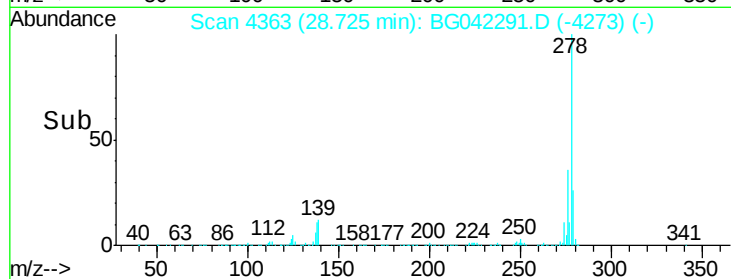
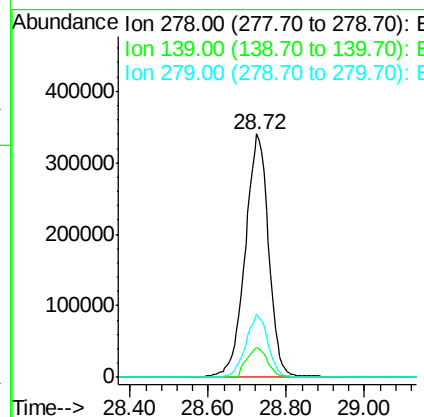
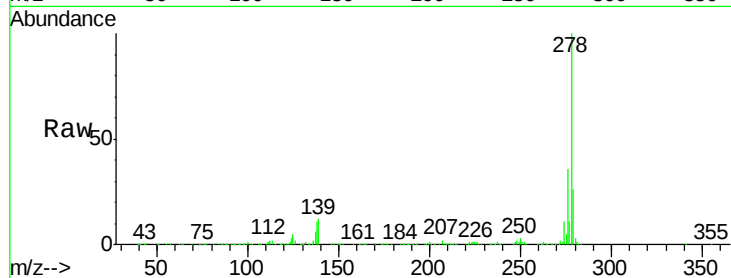
#91
Dibenzo(a,h)anthracene
Concen: 50.771 ng
RT: 28.72 min Scan# 4363
Delta R.T. -0.00 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	12.6	19.0#
279	25.8	20.5	30.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.735 ng
RT: 29.83 min Scan# 4551
Delta R.T. 0.01 min
Lab File: BG042291.D
Acq: 17 Aug 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	15.2	16.6	25.0#

