

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042512.D
 Acq On : 27 Aug 2019 20:08
 Operator : HP/JU
 Sample : K4551-20MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:58:20 AM

Quant Time: Aug 28 04:28:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33099	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	125286	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98204	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	255892	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	307695	20.00	ng	-0.01
87) Perylene-d12	24.93	264	371445	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	179788	110.01	ng	0.00
7) Phenol-d6	7.16	99	243721	110.40	ng	-0.01
23) Nitrobenzene-d5	9.16	82	135887	74.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	158729	113.72	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	386528	66.57	ng	0.00
79) Terphenyl-d14	20.02	244	876972	61.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	20633	30.253	ng	99
3) Pyridine	3.82	79	47291	27.041	ng	100
4) n-Nitrosodimethylamine	3.74	42	21074	33.738	ng	98
6) Aniline	7.31	93	77835	26.435	ng	98
8) 2-Chlorophenol	7.57	128	73962	37.343	ng	98
9) Benzaldehyde	7.13	77	45315	41.002	ng	95
10) Phenol	7.19	94	94494	42.100	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	61292	34.771	ng	98
12) 1,3-Dichlorobenzene	7.89	146	85708	34.016	ng	98
13) 1,4-Dichlorobenzene	8.03	146	87749	34.382	ng	100
14) 1,2-Dichlorobenzene	8.35	146	83877	34.318	ng	97
15) Benzyl Alcohol	8.24	79	54463	34.292	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	78315	32.779	ng	98
17) 2-Methylphenol	8.45	107	60764	36.755	ng	96
18) Hexachloroethane	9.09	117	29155	33.369	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	48868	34.169	ng	99
20) 3+4-Methylphenols	8.78	107	83341	36.431	ng	98
22) Acetophenone	8.82	105	107584	40.149	ng	# 97
24) Nitrobenzene	9.21	77	70492	38.396	ng	98
25) Isophorone	9.73	82	138807	38.794	ng	99
26) 2-Nitrophenol	9.93	139	47963	41.688	ng	97
27) 2,4-Dimethylphenol	9.99	122	72521	45.759	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	85684	37.995	ng	100
29) 2,4-Dichlorophenol	10.48	162	89780	43.298	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	94049	36.953	ng	95
31) Naphthalene	10.87	128	225822	38.823	ng	98
32) Benzoic acid	10.20	122	3052m	10.371	ng	
33) 4-Chloroaniline	10.98	127	74819	27.864	ng	98
34) Hexachlorobutadiene	11.16	225	62134	36.325	ng	99
35) Caprolactam	11.76	113	28112	40.631	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	83723	42.534	ng	98
37) 2-Methylnaphthalene	12.48	142	185664	39.752	ng	99
38) 1-Methylnaphthalene	12.70	142	175623	39.587	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	122003	38.686	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125167	75.557	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	84959	39.855	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	90436	40.939	nq	96
46) 1,1'-Biphenyl	13.49	154	250253	39.422	nq	98
47) 2-Chloronaphthalene	13.53	162	203899	37.251	nq	98
48) 2-Nitroaniline	13.73	65	49364	37.399	nq	98
49) Acenaphthylene	14.38	152	335885	40.788	nq	98
50) Dimethylphthalate	14.11	163	322187	45.470	nq	100
51) 2,6-Dinitrotoluene	14.23	165	66679	40.598	nq	96
52) Acenaphthene	14.72	154	194212	38.839	nq	100
53) 3-Nitroaniline	14.56	138	48716	29.658	nq	93
54) 2,4-Dinitrophenol	14.78	184	33106	33.823	nq	95
55) Dibenzofuran	15.06	168	339024	40.960	nq	99
56) 4-Nitrophenol	14.88	139	106846	91.542	nq	99
57) 2,4-Dinitrotoluene	15.02	165	100581	42.765	nq	98
58) Fluorene	15.70	166	278430	41.151	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	94074m	43.063	nq	
60) Diethylphthalate	15.47	149	288609	41.666	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	161079	39.493	nq	98
62) 4-Nitroaniline	15.73	138	76030	43.249	nq	96
63) Azobenzene	15.99	77	194633	41.007	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	50289	31.346	nq	97
66) n-Nitrosodiphenylamine	15.91	169	266920	37.930	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	116447	35.876	nq	97
68) Hexachlorobenzene	16.72	284	123767	35.077	nq	95
69) Atrazine	16.86	200	110748	44.503	nq	97
70) Pentachlorophenol	17.07	266	112706	61.476	nq	98
71) Phenanthrene	17.45	178	511379	40.232	nq	98
72) Anthracene	17.54	178	524294	41.319	nq	99
73) Carbazole	17.81	167	487790	43.133	nq	99
74) Di-n-butylphthalate	18.37	149	582895	43.603	nq	100
75) Fluoranthene	19.46	202	725874	46.793	nq	98
77) Benzidine	19.64	184	355946	40.349	nq	99
78) Pyrene	19.82	202	738396	39.142	nq	98
80) Butylbenzylphthalate	20.70	149	282858	38.122	nq	98
81) Benzo(a)anthracene	21.67	228	745309	39.818	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	212877	28.278	nq	98
83) Chrysene	21.73	228	720525	39.915	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	413549	40.142	nq	98
85) Di-n-octyl phthalate	22.78	149	714416	40.320	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	968663	39.486	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	814413	39.882	nq	99
89) Benzo(k)fluoranthene	23.97	252	815189	41.531	nq	99
90) Benzo(a)pyrene	24.78	252	810153	41.809	nq	99
91) Dibenzo(a,h)anthracene	28.69	278	800766	40.814	nq	99
92) Benzo(g,h,i)perylene	29.79	276	807845	41.169	nq	99

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



#1

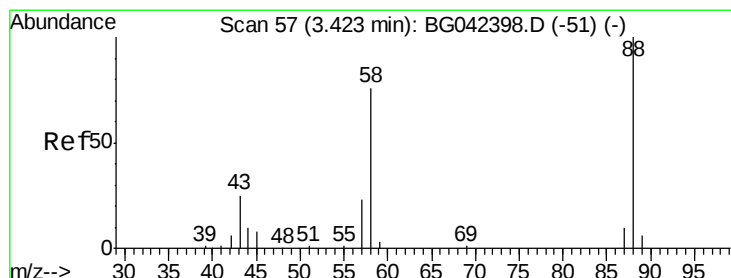
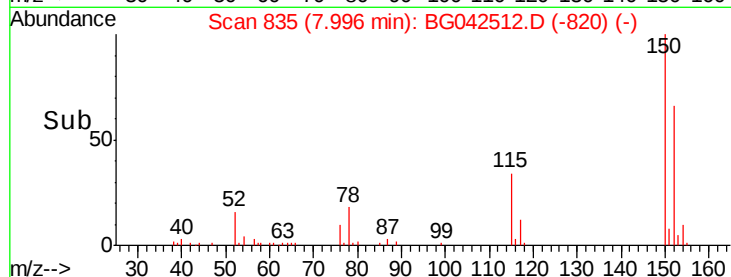
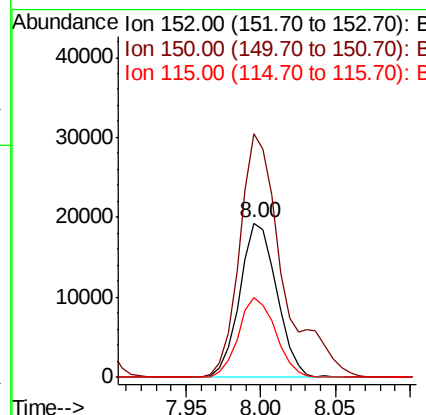
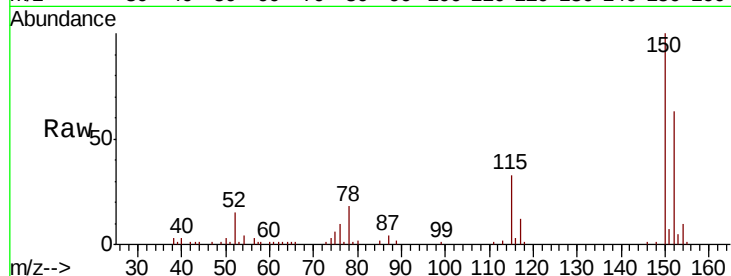
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.4	188.0
115	51.3	38.5	57.7

Manual Integrations
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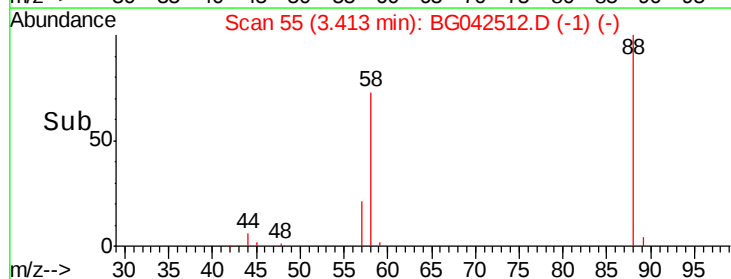
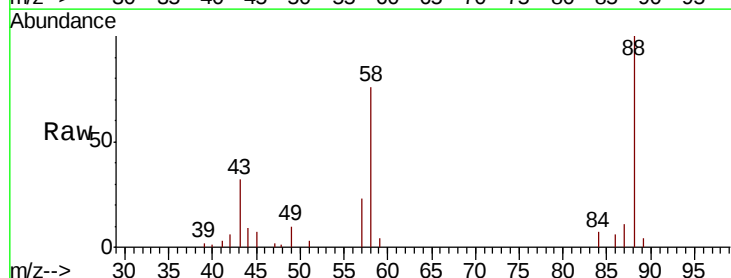
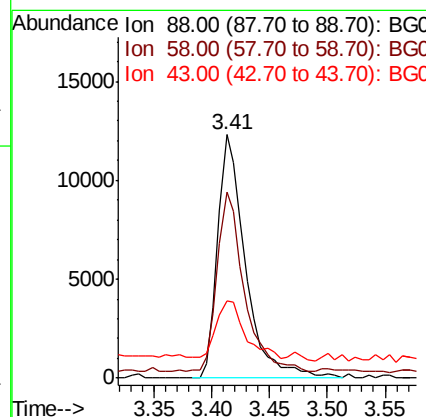
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#2

1,4-Dioxane
Concen: 30.253 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.3	87.5
43	23.5	20.2	30.2





#3

Pvridine

Concen: 27.041 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

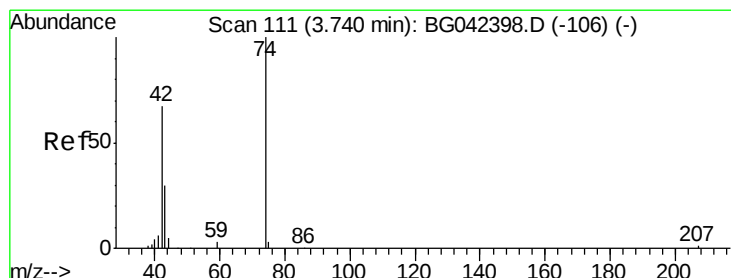
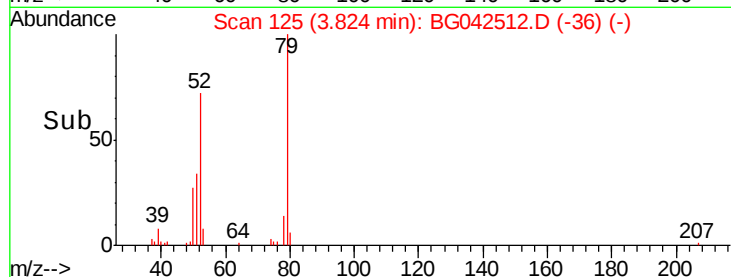
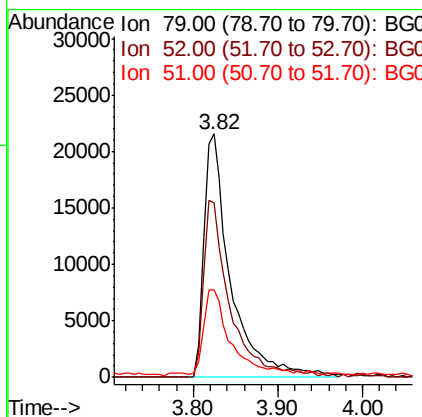
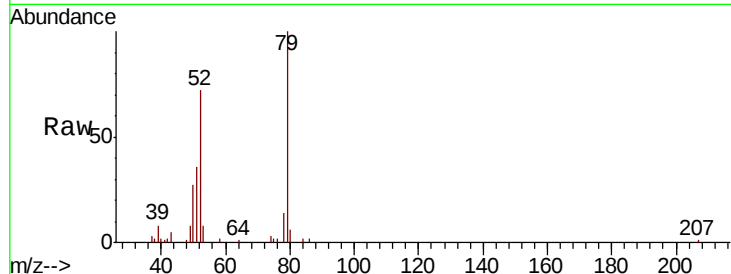
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion:	79	Resp:	47291
Ion	Ratio	Lower	Upper
79	100		
52	71.9	57.7	86.5
51	36.1	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 33.738 ng

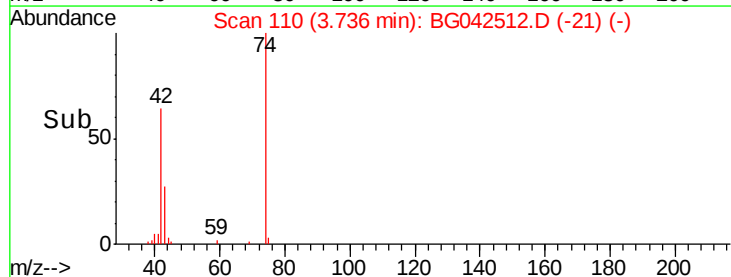
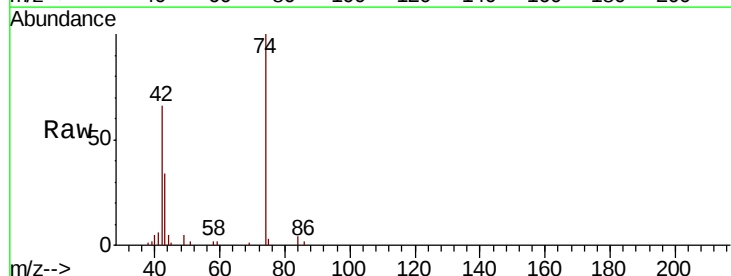
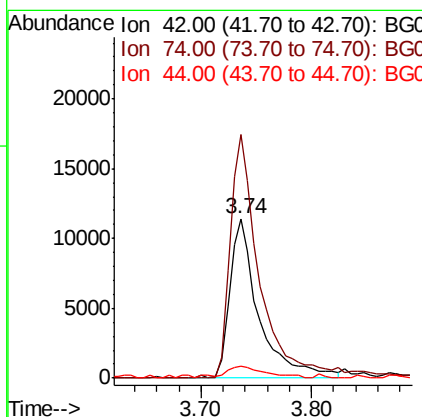
RT: 3.74 min Scan# 110

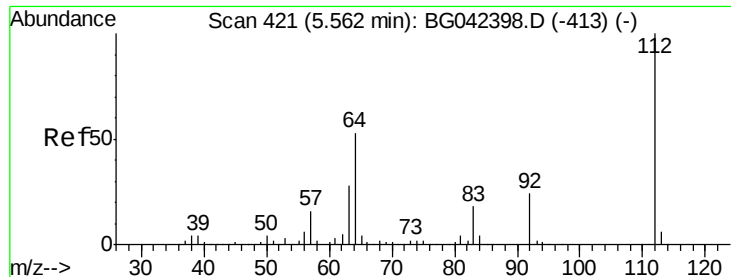
Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	42	Resp:	21074
Ion	Ratio	Lower	Upper
42	100		
74	152.6	119.6	179.4
44	7.7	6.5	9.7





#5

2-Fluorophenol

Concen: 110.010 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

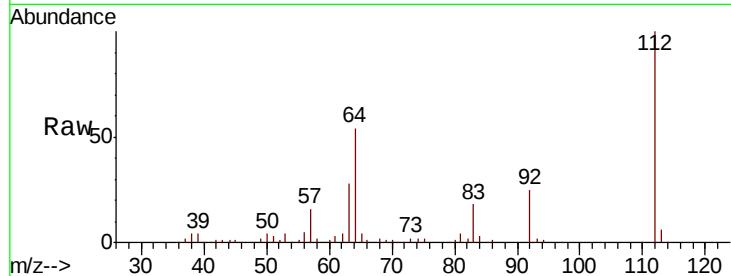
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

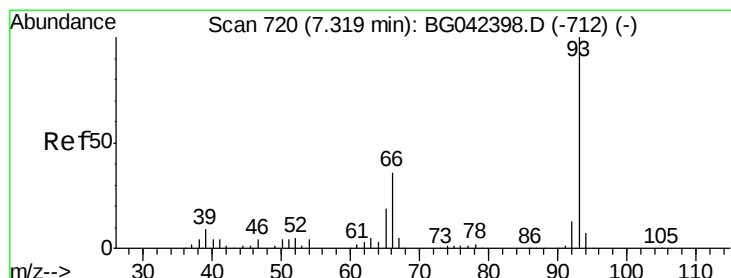
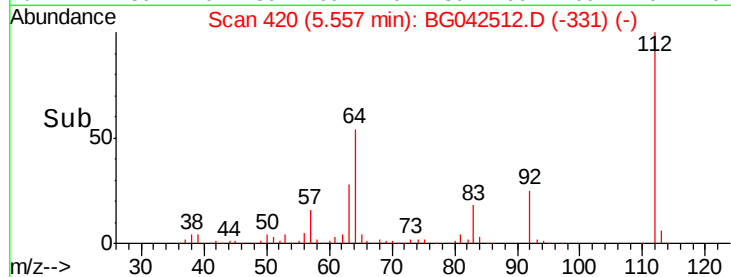
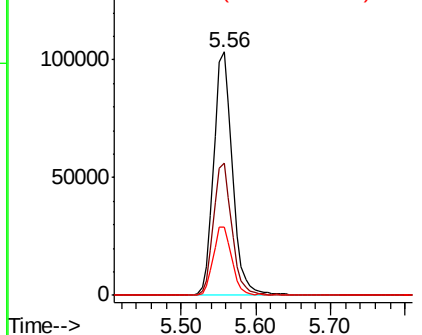
Tot Ion:	112	Resp:	179788
Ion Ratio	Lower	Upper	
112	100		
64	54.2	42.8	64.2
63	28.0	22.7	34.1

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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: 26.435 ng

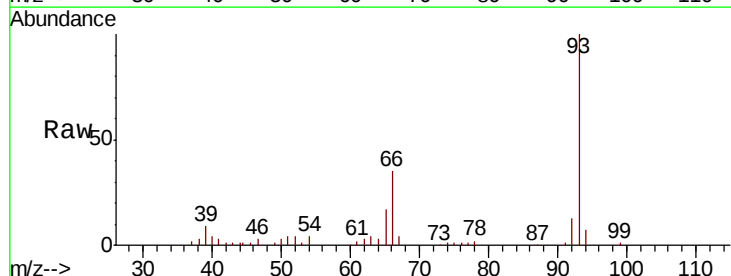
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

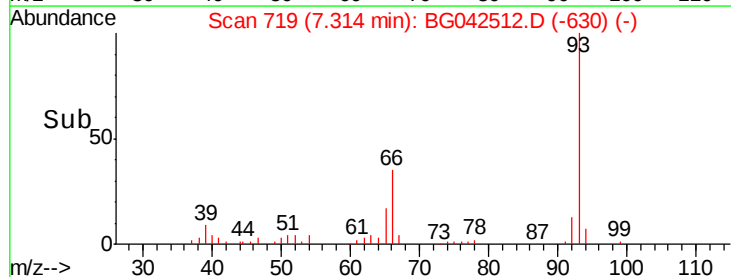
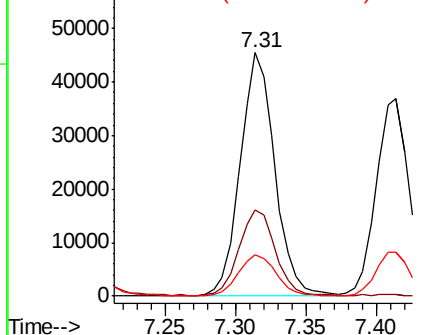
Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	93	Resp:	77835
Ion Ratio	Lower	Upper	
93	100		
66	35.4	29.0	43.6
65	17.1	15.2	22.8



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: 110.404 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

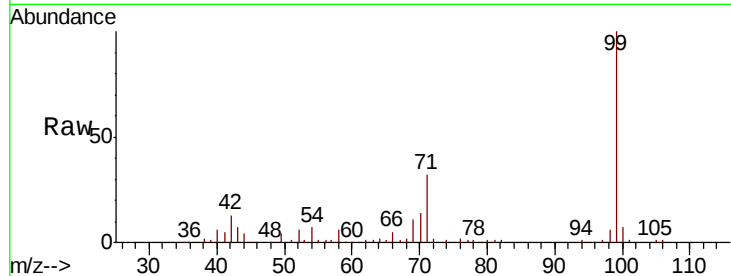
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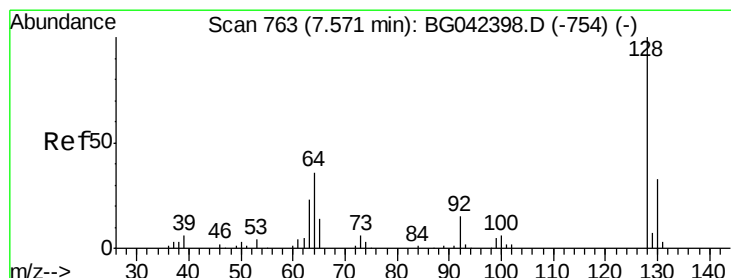
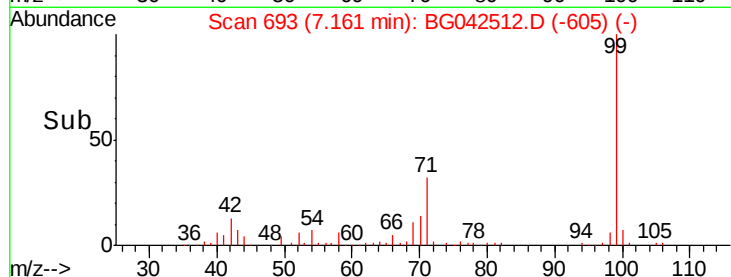
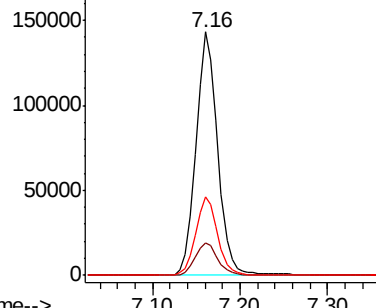
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		243721		
42	13.4	12.0	18.0		
71	32.3	26.3	39.5		

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



#8

2-Chlorophenol

Concen: 37.343 ng

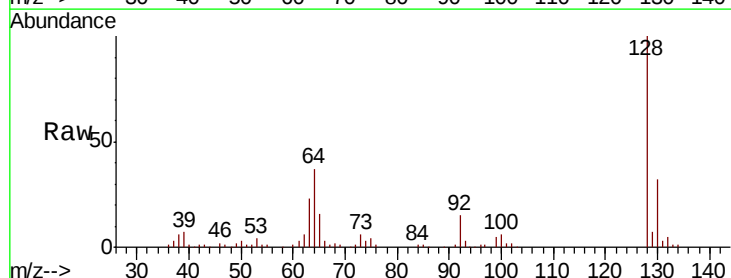
RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

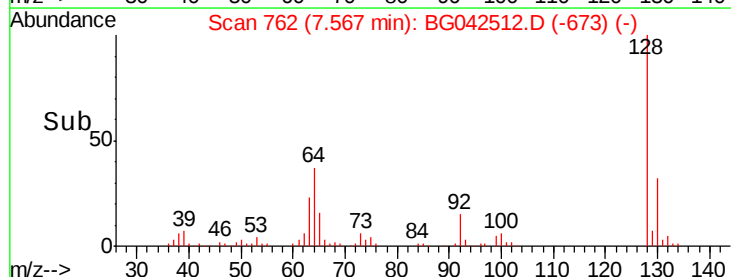
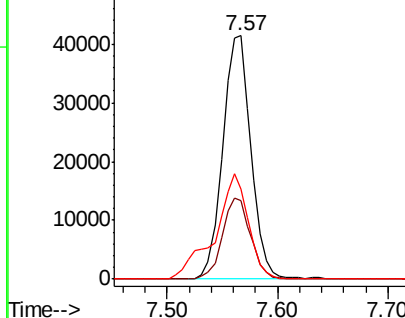
Lab File: BG042512.D

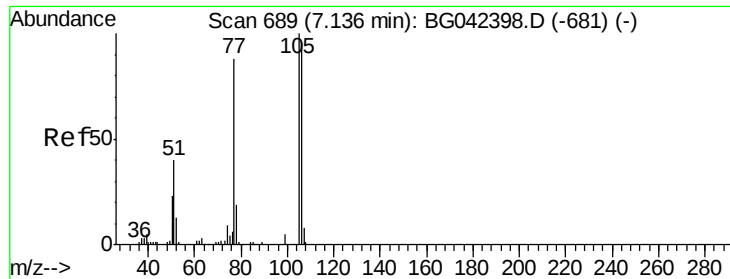
Acq: 27 Aug 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		73962		
130	32.4	12.8	52.8		
64	37.2	19.2	59.2		



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





#9

Benzaldehyde

Concen: 41.002 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

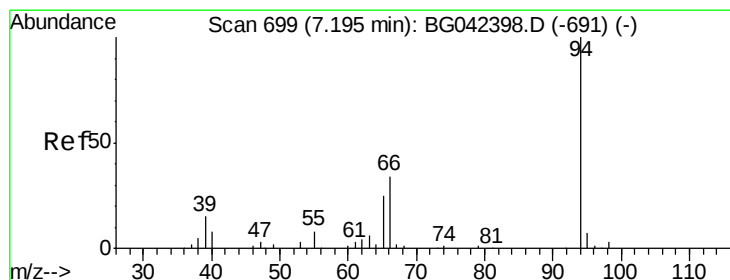
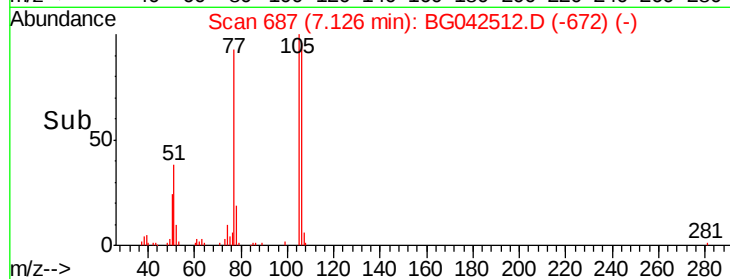
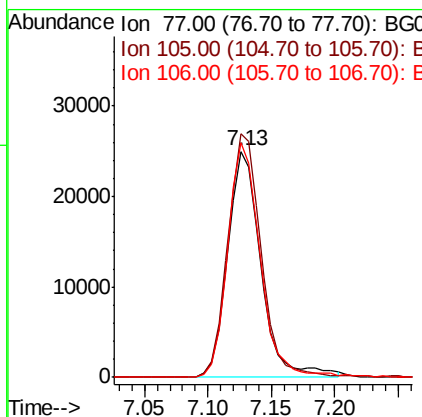
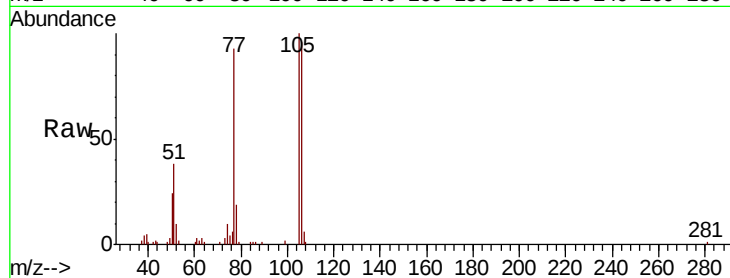
ClientSampleId :

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Tot Ion:	77	Resp:	45315
Ion	Ratio	Lower	Upper
77	100		
105	107.6	93.4	133.4
106	103.6	88.4	128.4

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#10

Phenol

Concen: 42.100 ng

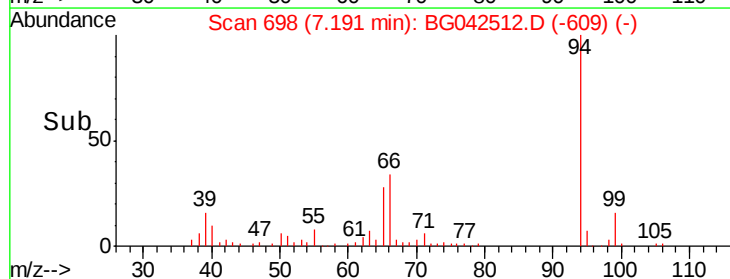
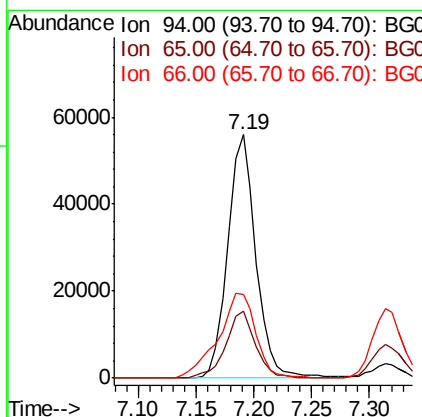
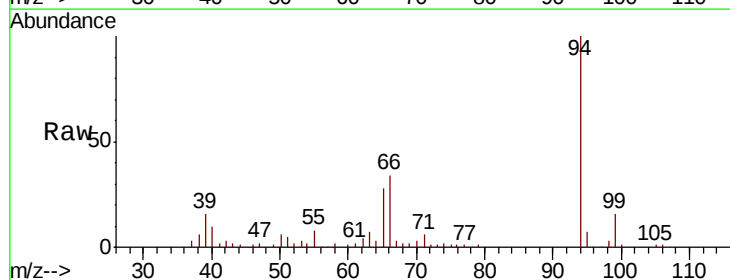
RT: 7.19 min Scan# 698

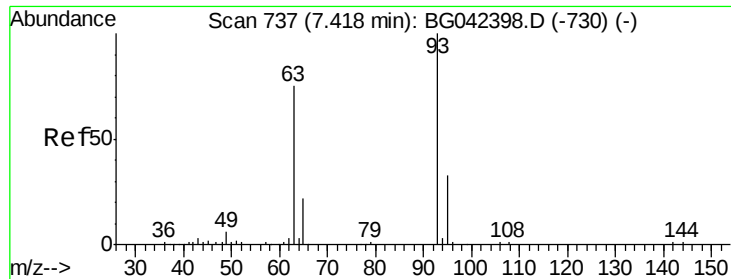
Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	94	Resp:	94494
Ion	Ratio	Lower	Upper
94	100		
65	27.6	5.6	45.6
66	34.4	16.0	56.0





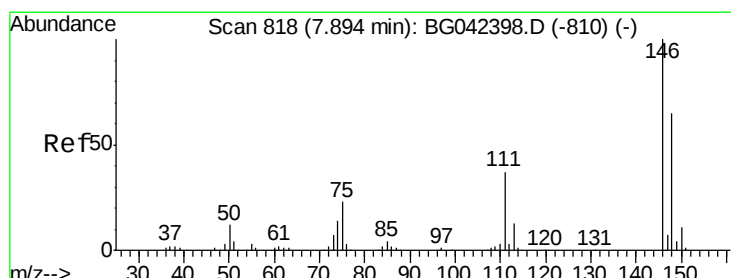
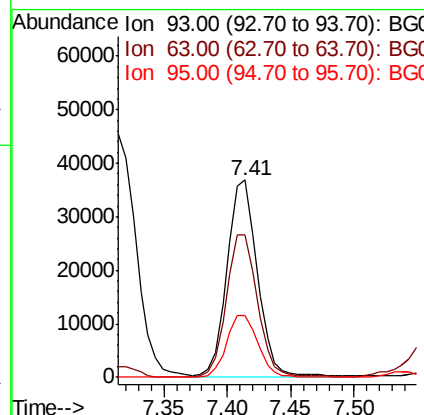
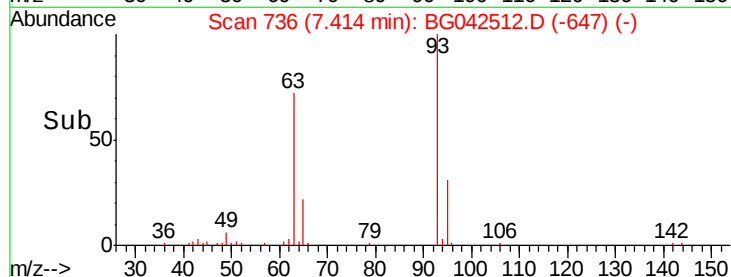
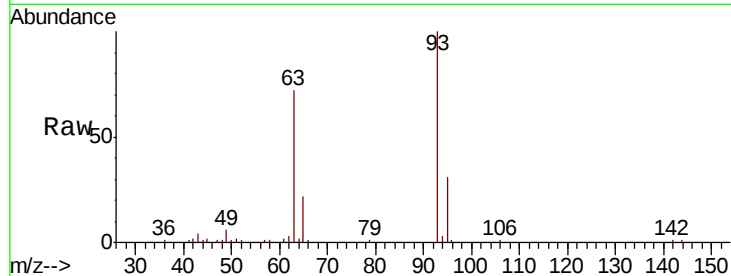
#11
bis(2-Chloroethyl)ether
Concen: 34.771 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	53.8	93.8
95	31.3	13.1	53.1

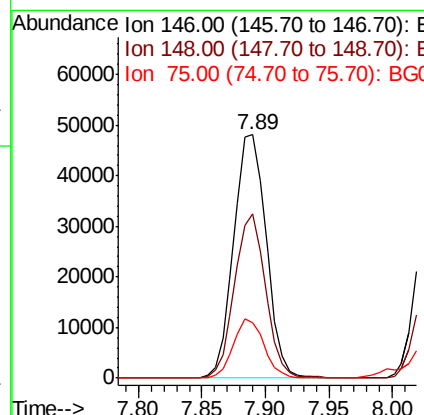
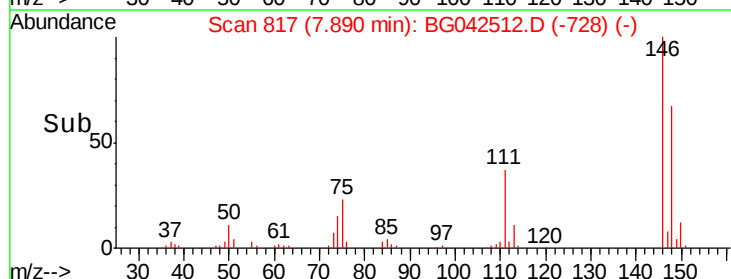
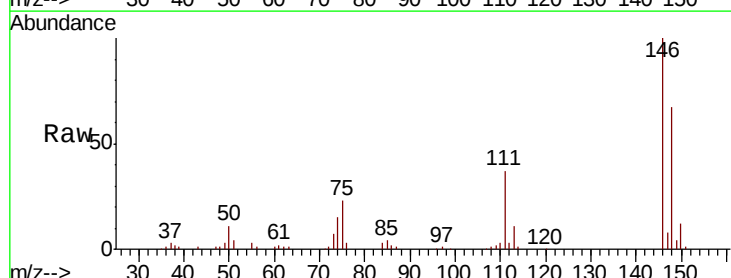
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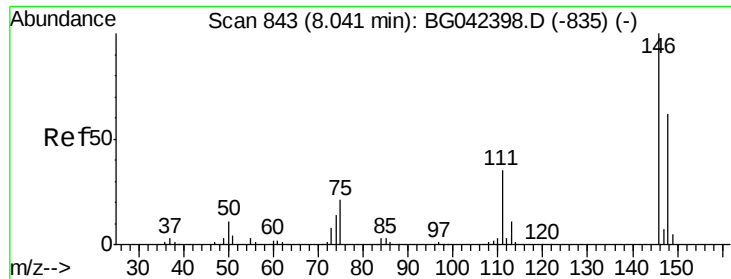
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.016 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.2	78.2
75	22.6	18.0	27.0





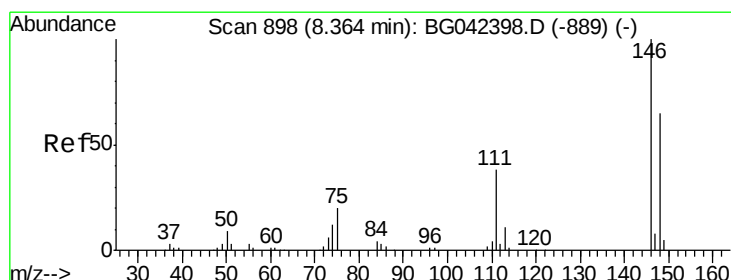
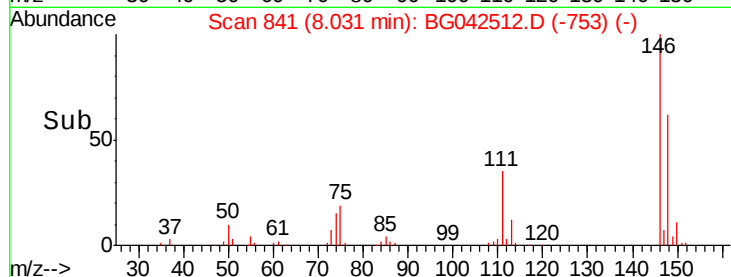
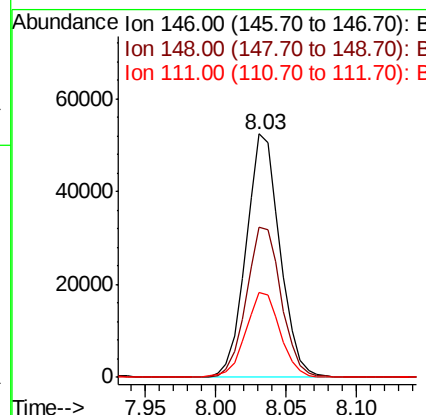
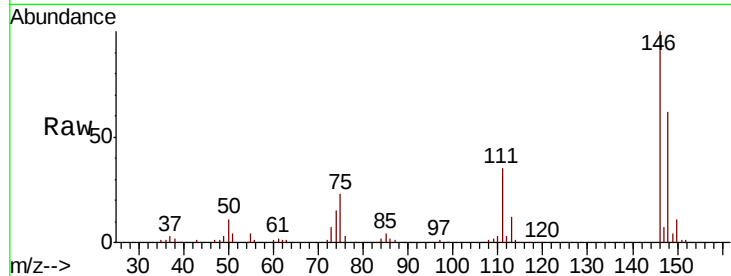
#13
 1,4-Dichlorobenzene
 Concen: 34.382 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	61.9	49.5	74.3	
111	34.8	28.1	42.1	

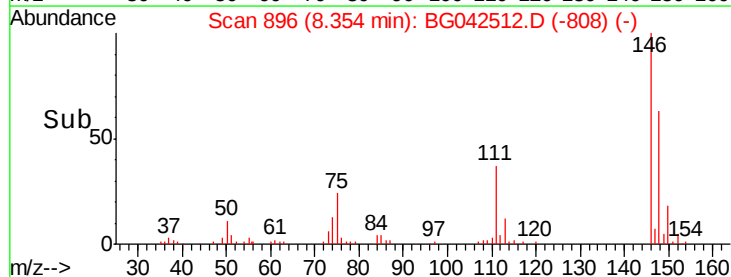
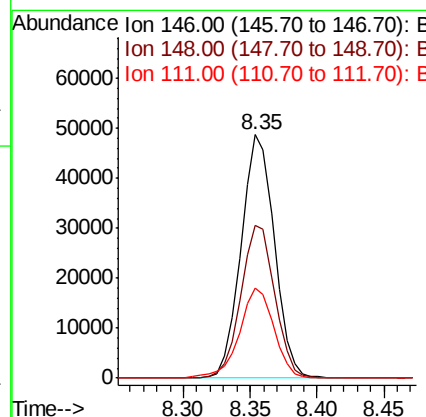
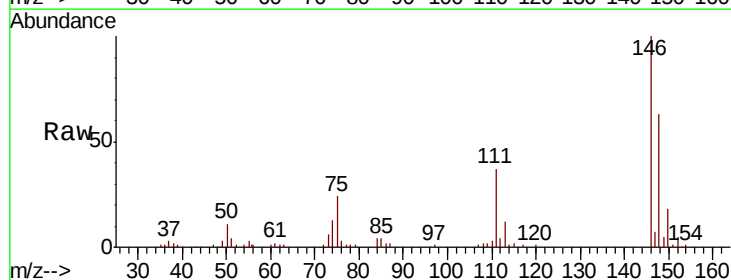
Manual Integrations
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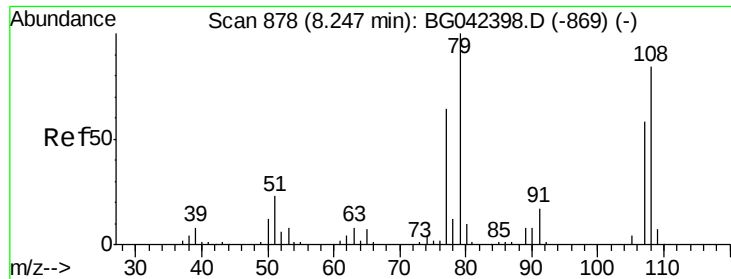
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 34.318 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.5	51.8	77.6	
111	36.7	30.9	46.3	





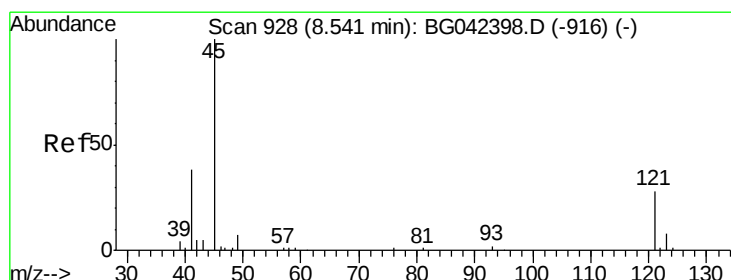
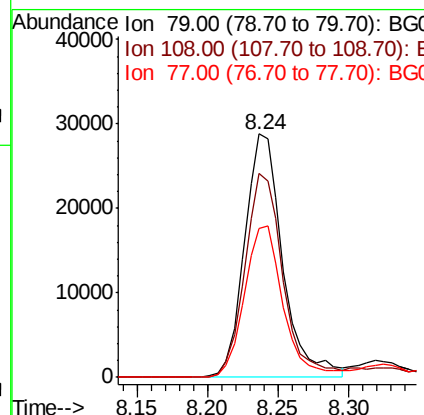
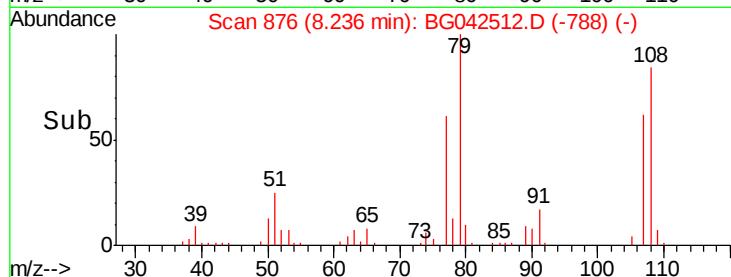
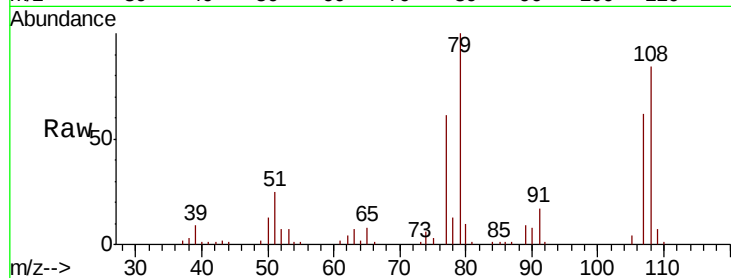
#15
Benzyl Alcohol
Concen: 34.292 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	67.4	101.2
77	61.3	50.8	76.2

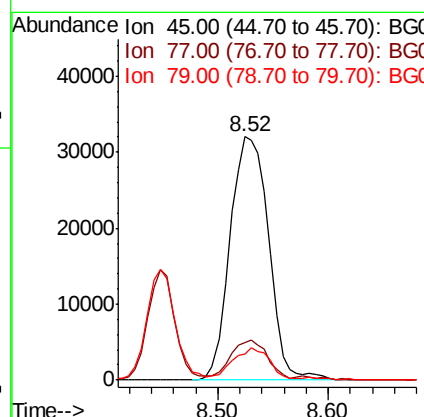
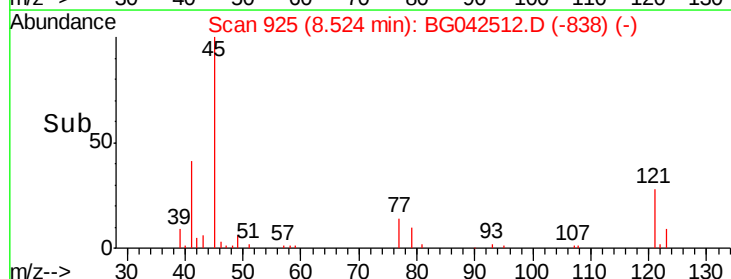
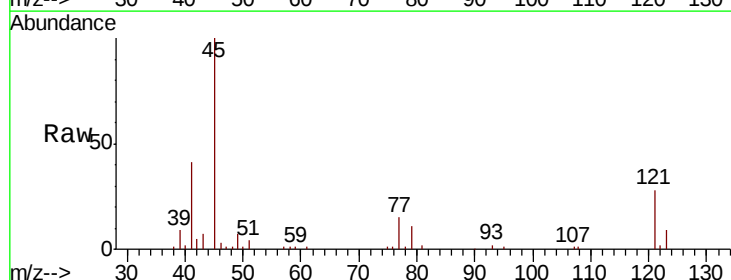
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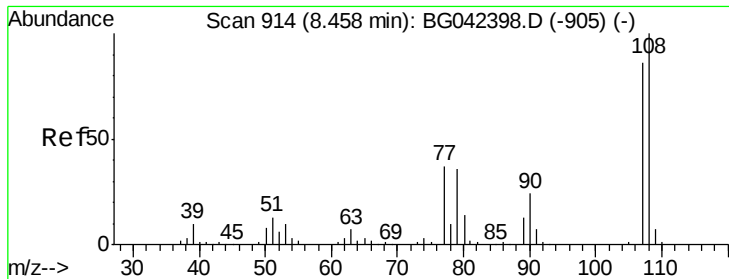
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.779 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	35.6
79	10.6	0.0	31.6





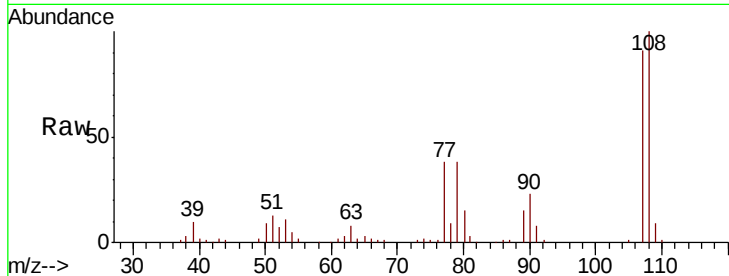
#17
2-Methylphenol
Concen: 36.755 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

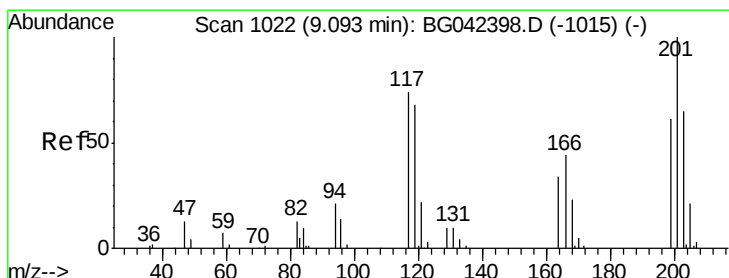
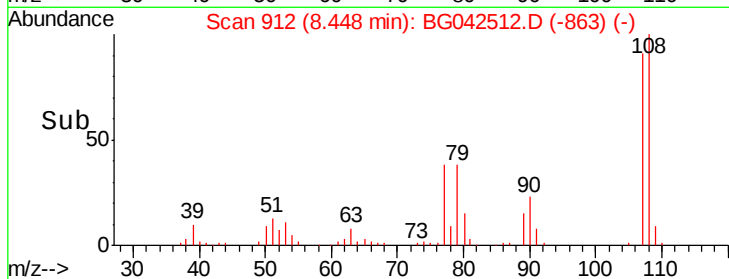
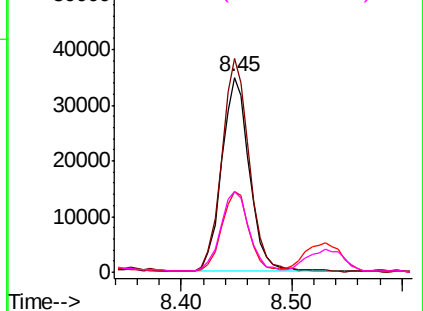
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	60764	92.9	139.3
77	41.5		34.4	51.6
79	41.7		33.8	50.6

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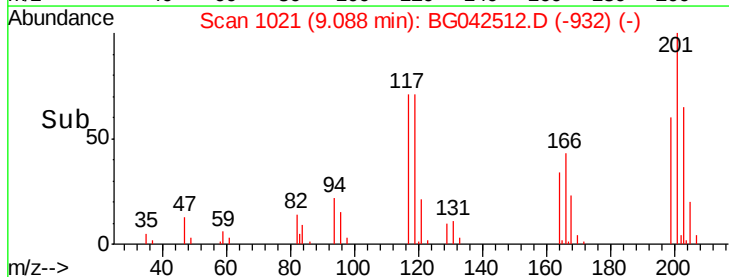
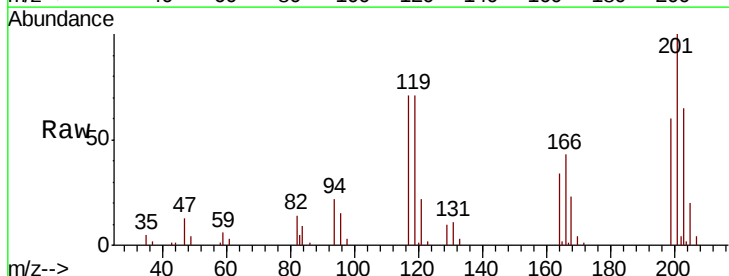
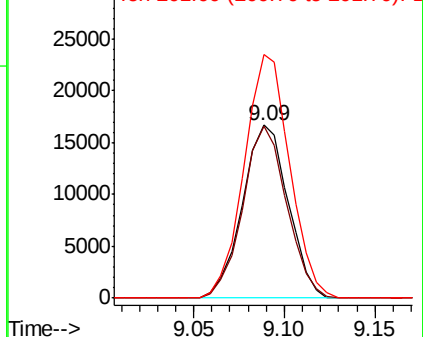
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

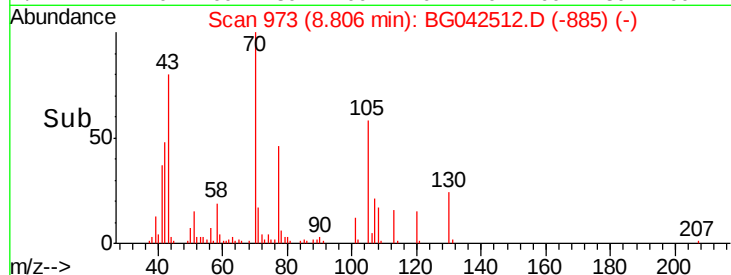
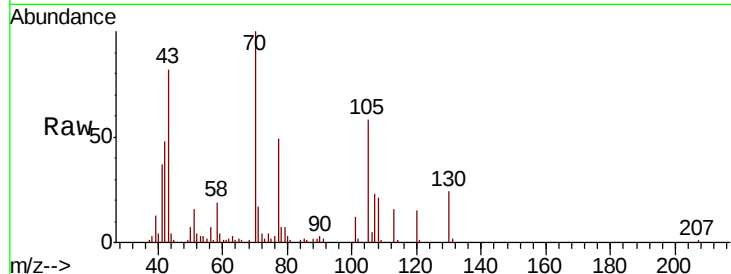
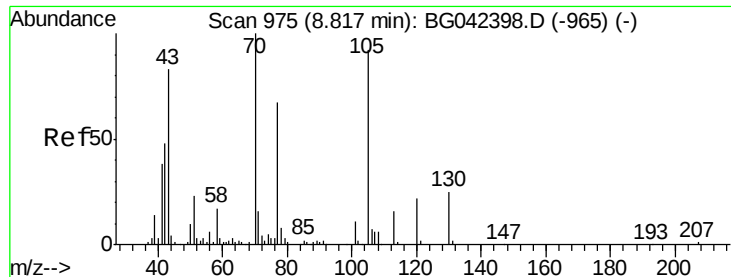


#18
Hexachloroethane
Concen: 33.369 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	29155	73.8	110.8
201	141.1		108.3	162.5

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





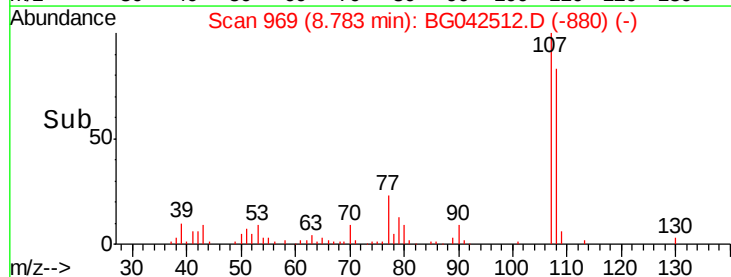
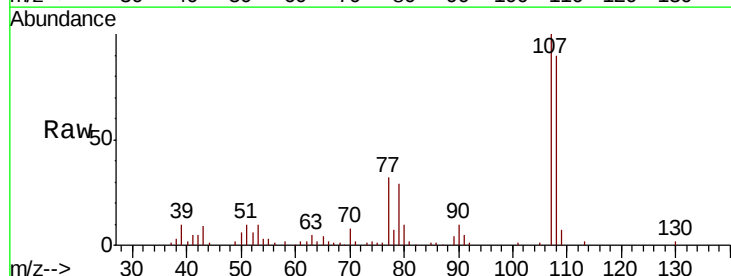
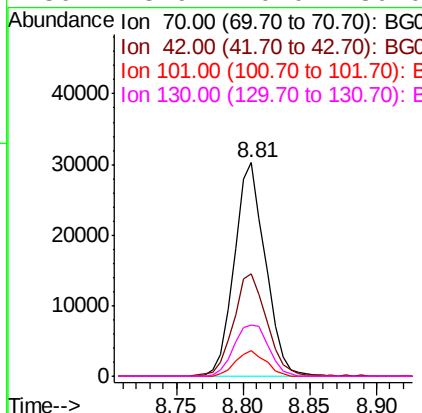
#19
n-Nitroso-di-n-propylamine
Concen: 34.169 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		48868		
42	48.1	38.8	58.2		
101	11.9	9.0	13.6		
130	23.9	20.0	30.0		

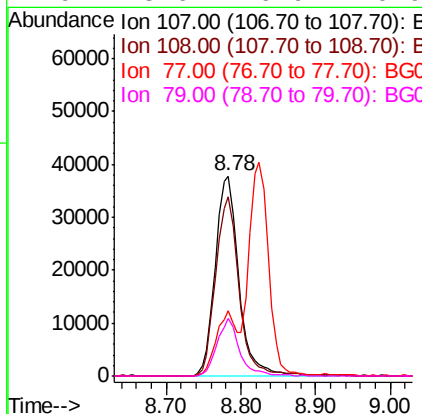
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#20
3+4-Methylphenols
Concen: 36.431 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		83341		
108	89.6	68.7	108.7		
77	32.4	10.2	50.2		
79	28.6	6.9	46.9		





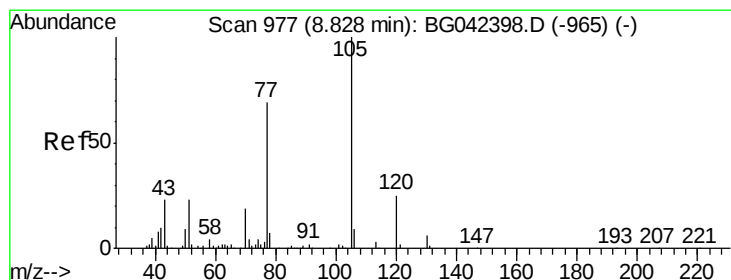
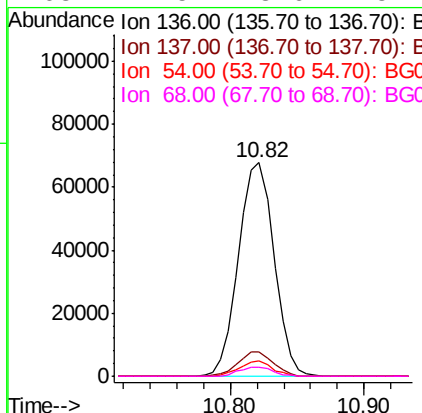
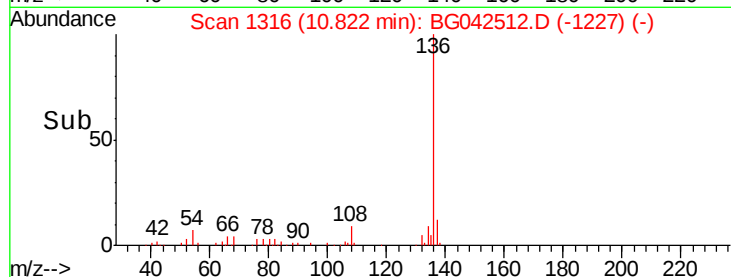
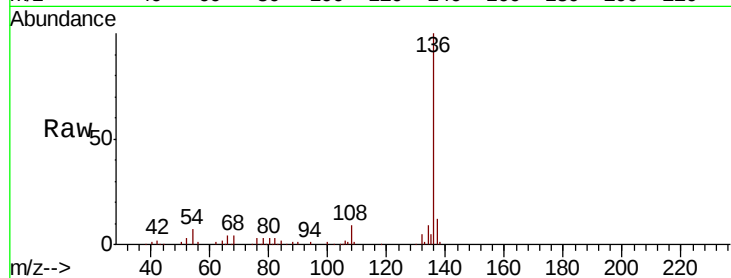
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.7	13.1	
54	7.1	4.9	7.3	
68	4.5	3.6	5.4	

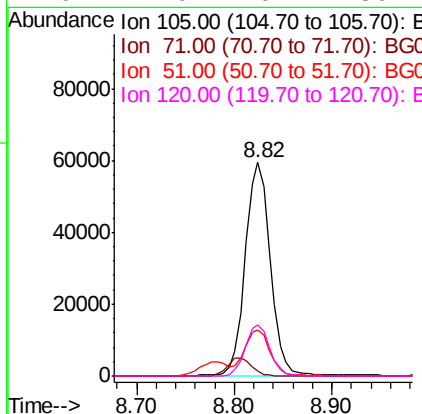
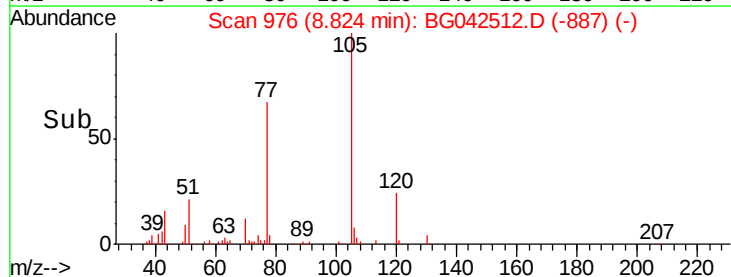
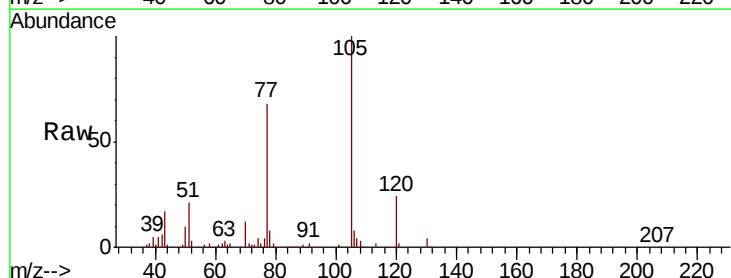
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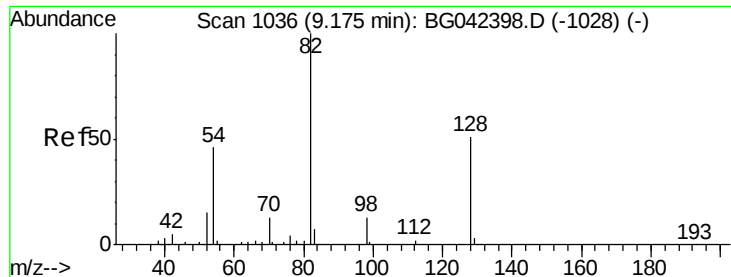
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#22
Acetophenone
Concen: 40.149 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.2	2.8	4.2#	
51	21.3	18.7	28.1	
120	24.0	20.1	30.1	





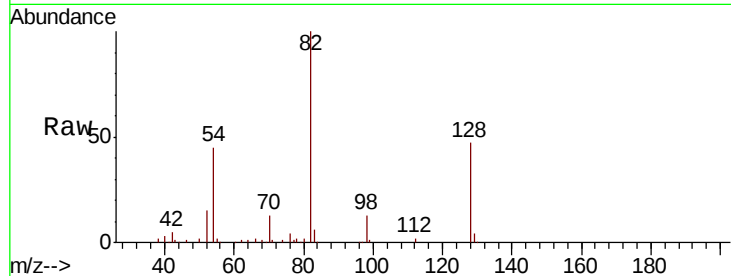
#23
Nitrobenzene-d5
Concen: 74.951 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4		40.7	61.1
54	44.8		36.3	54.5

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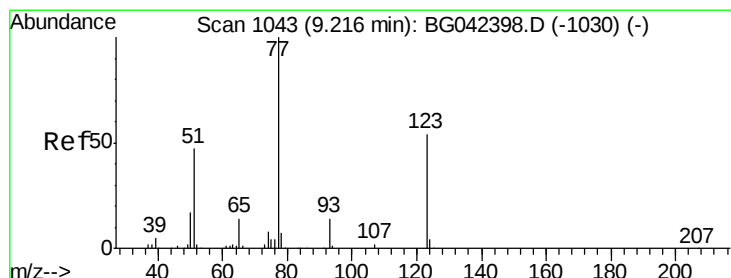
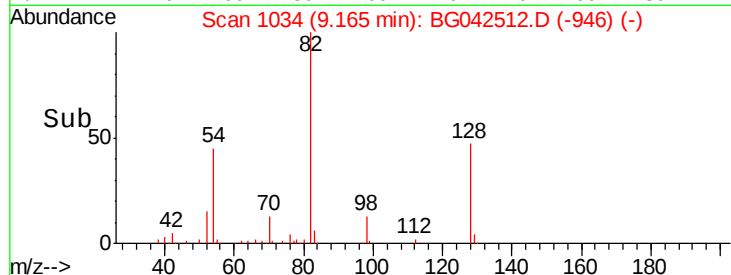
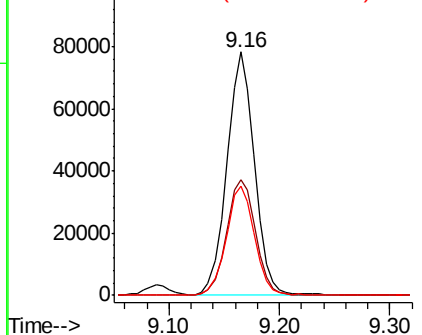


Abundance

Ion 82.00 (81.70 to 82.70): BGC

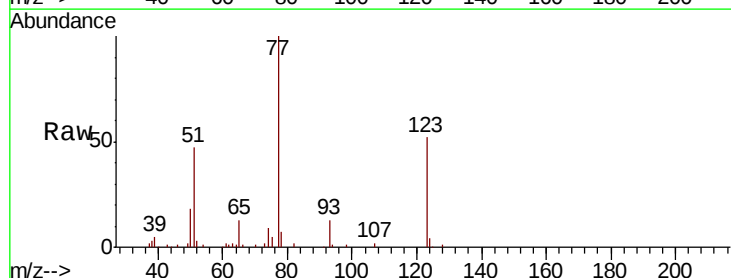
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 38.396 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.5		43.4	65.0
65	12.9		11.0	16.6

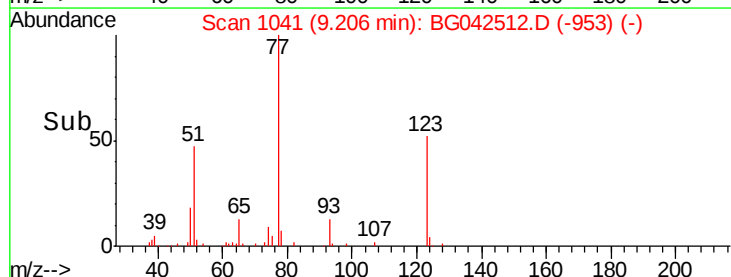
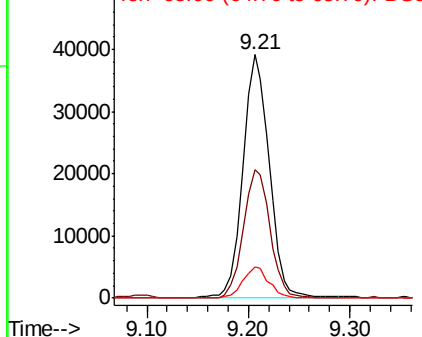


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





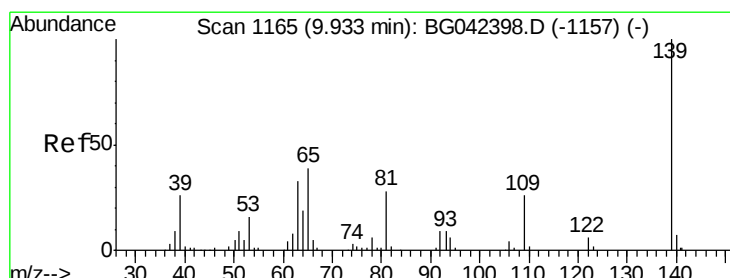
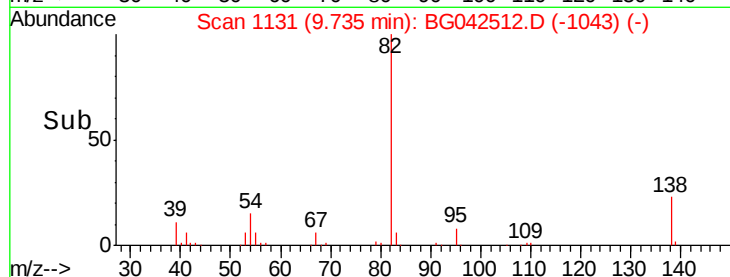
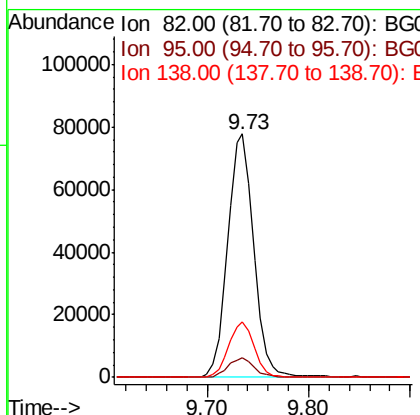
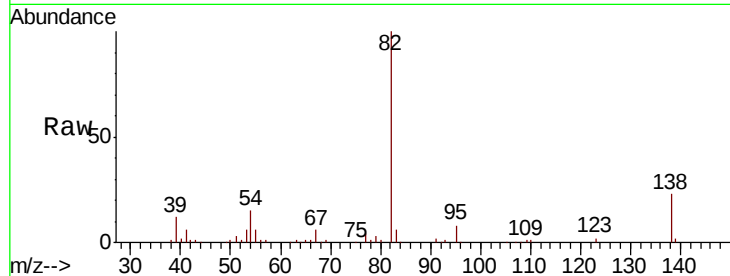
#25
Isophorone
Concen: 38.794 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	138807		
95	7.8		6.6	9.8
138	22.9		18.6	27.8

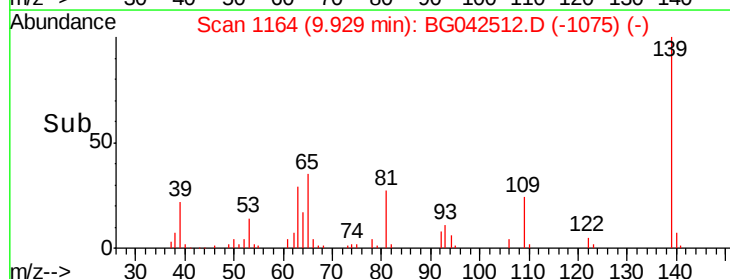
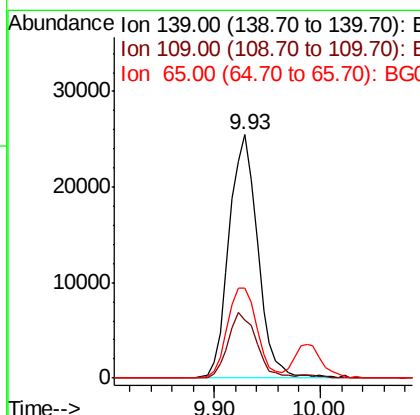
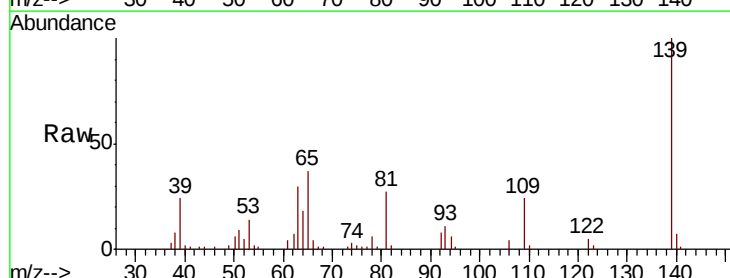
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#26
2-Nitrophenol
Concen: 41.688 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	47963		
109	23.6		20.5	30.7
65	36.7		30.9	46.3





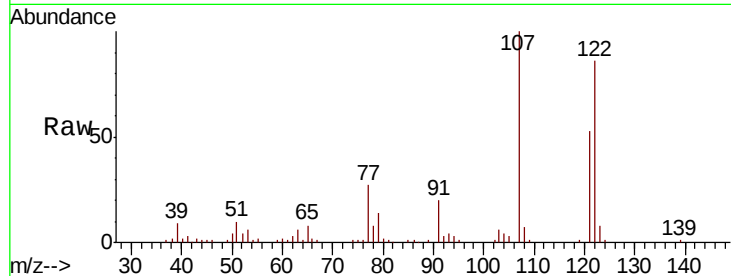
#27
2,4-Dimethylphenol
Concen: 45.759 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	90.8	136.2
121	61.5	49.6	74.4

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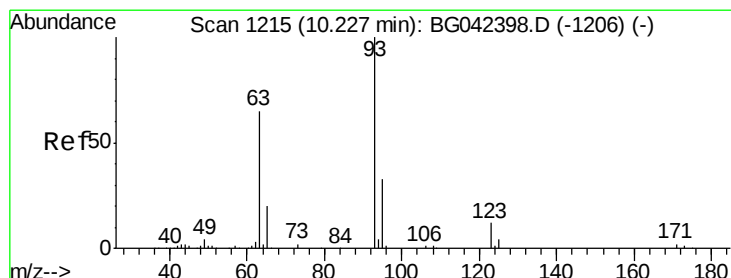
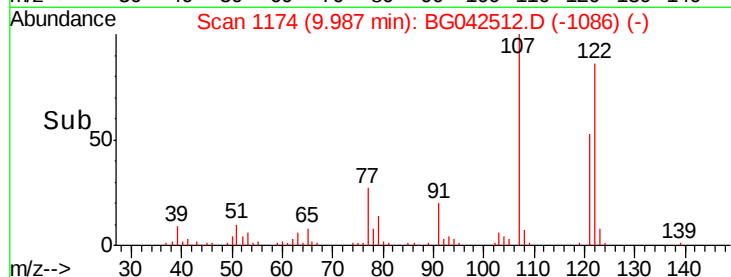
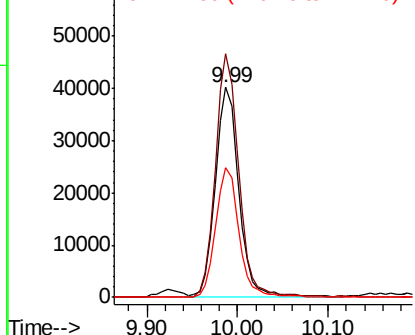


Abundance

Ion 122.00 (121.70 to 122.70): E

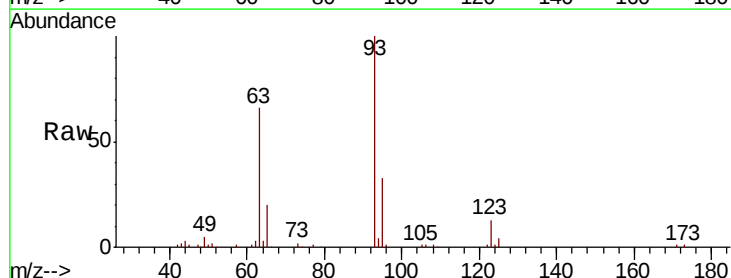
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.995 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	13.2	10.1	15.1

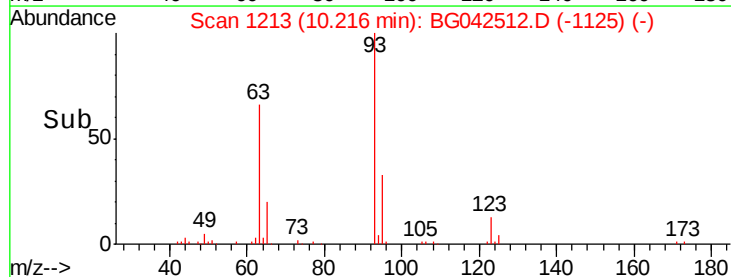
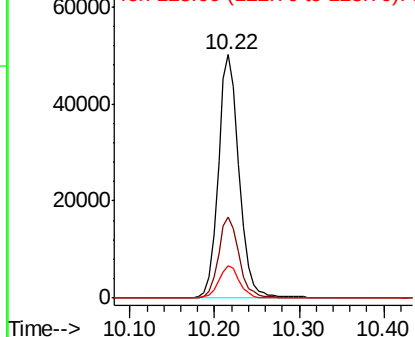


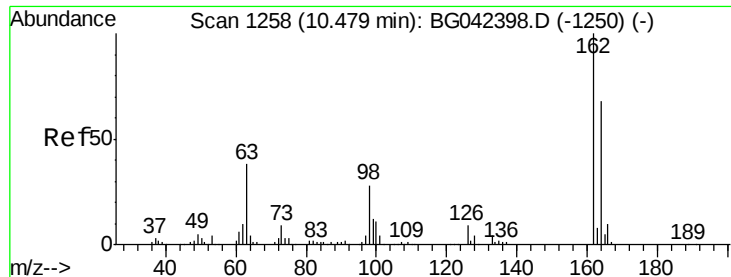
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





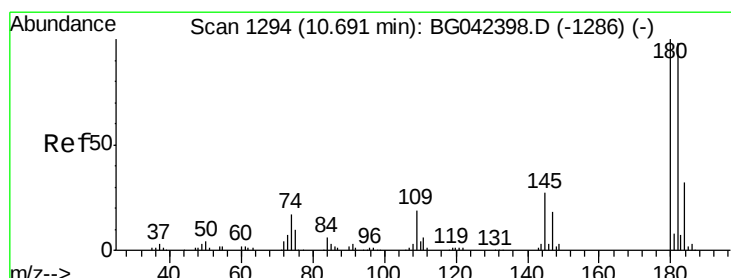
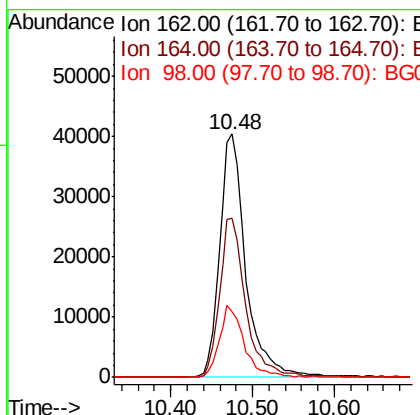
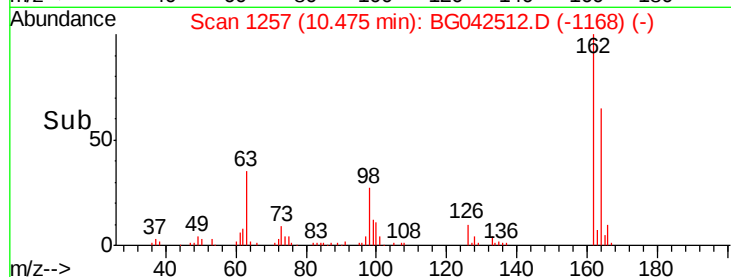
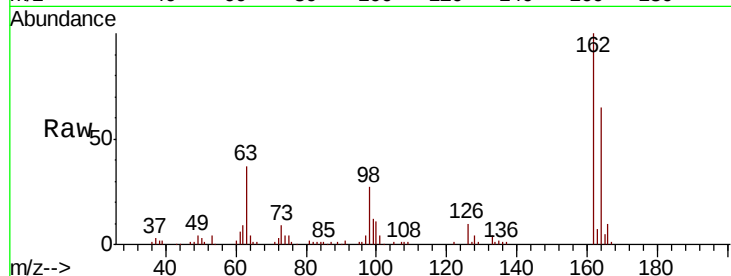
#29
 2,4-Dichlorophenol
 Concen: 43.298 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion:	162	Resp:	89780
Ion Ratio	Lower	Upper	
162	100		
164	65.5	48.1	88.1
98	26.9	7.6	47.6

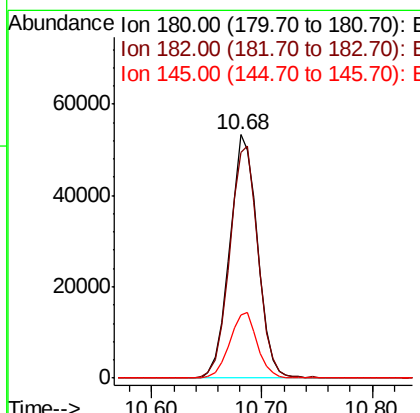
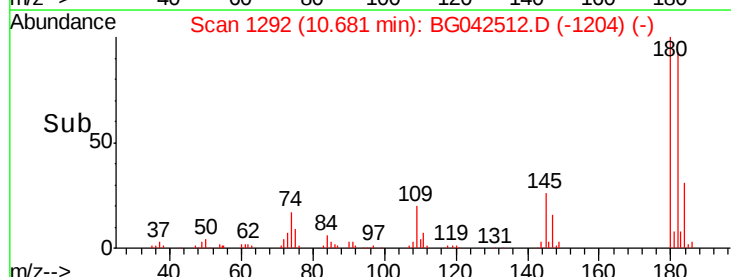
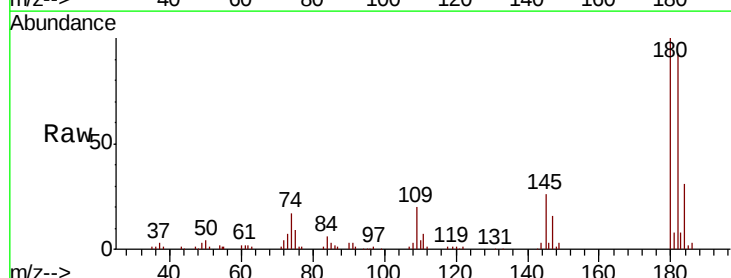
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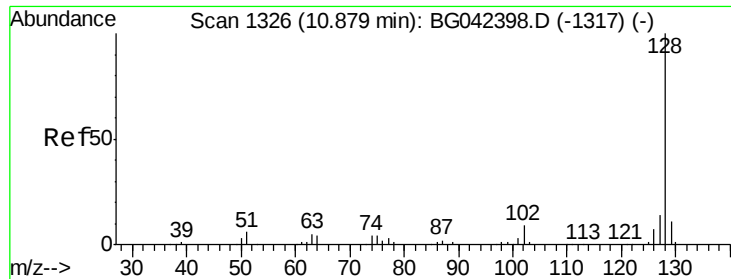
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.953 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:	180	Resp:	94049
Ion Ratio	Lower	Upper	
180	100		
182	92.9	78.7	118.1
145	25.9	21.6	32.4





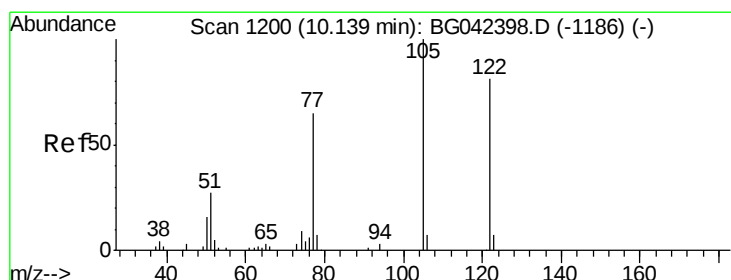
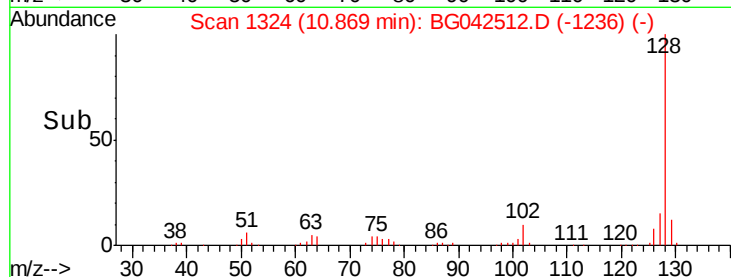
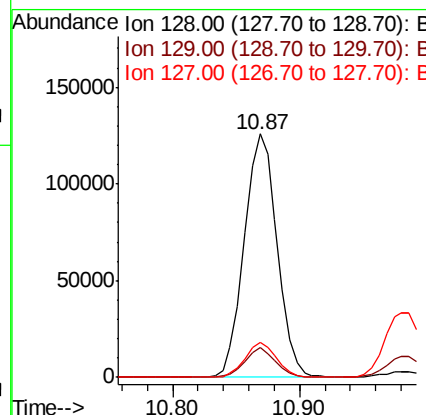
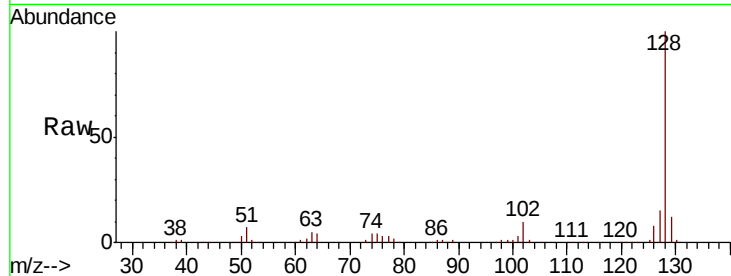
#31
Naphthalene
Concen: 38.823 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	14.5	11.4	17.0

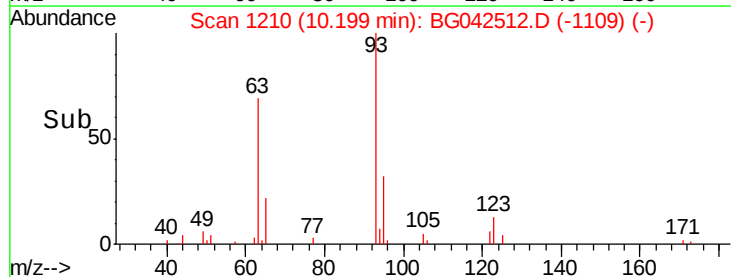
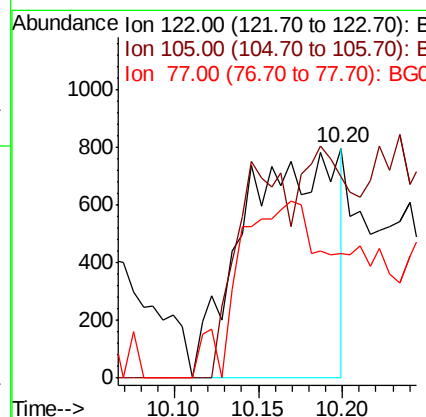
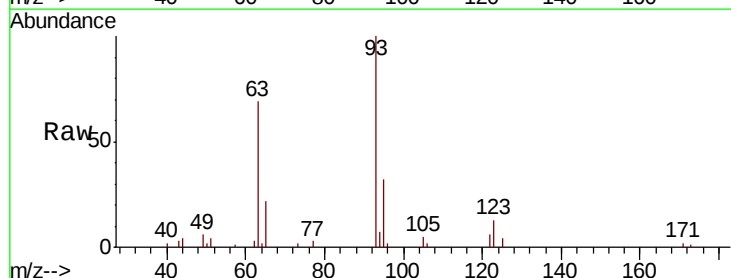
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#32
Benzoic acid
Concen: 10.371 ng m
RT: 10.20 min Scan# 1210
Delta R.T. 0.06 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	87.6	99.6	139.6#
77	53.9	59.5	99.5#





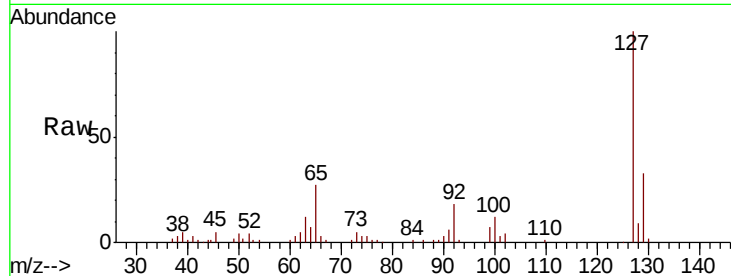
#33
4-Chloroaniline
Concen: 27.864 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	27.4	20.7	31.1
92	18.1	13.6	20.4

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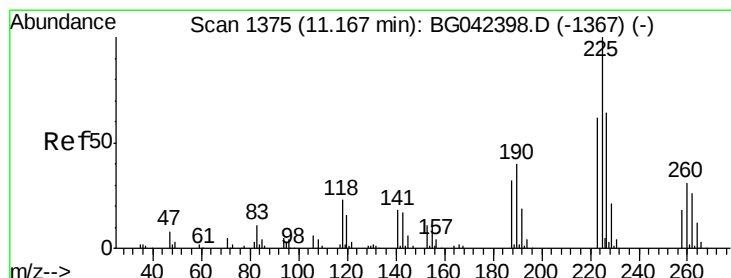
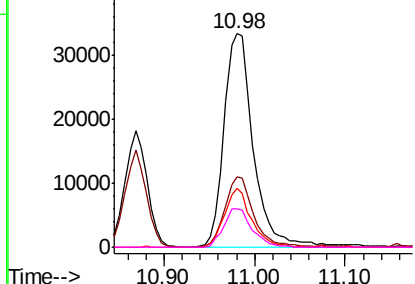
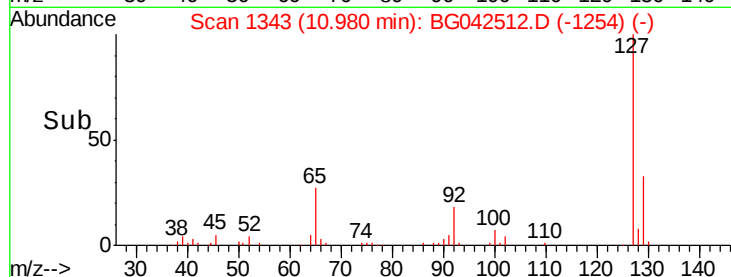
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

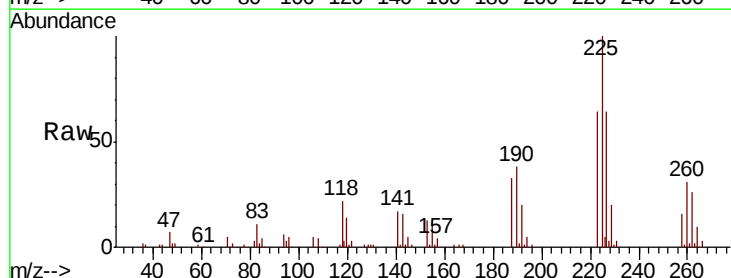
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.325 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	63.8	50.9	76.3

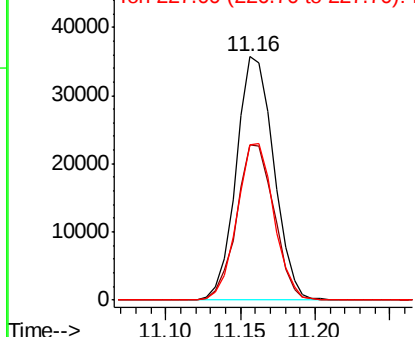
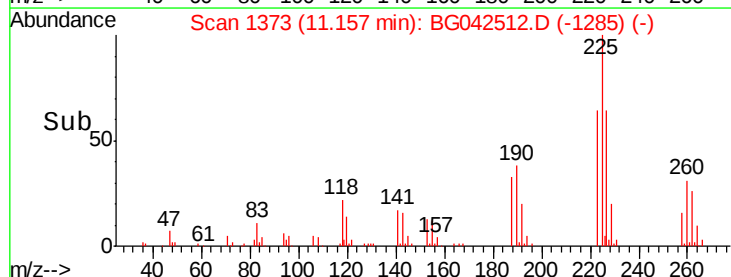


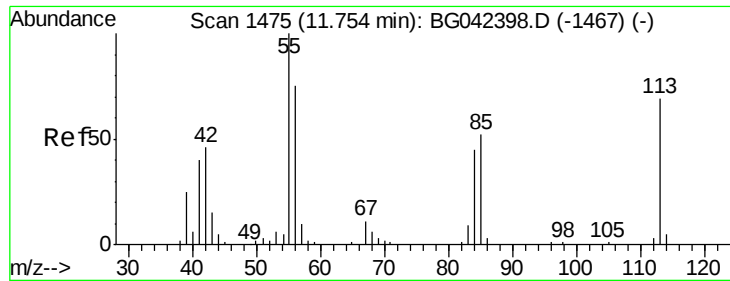
Abundance

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





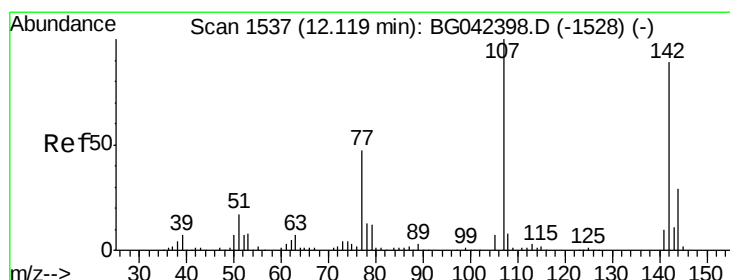
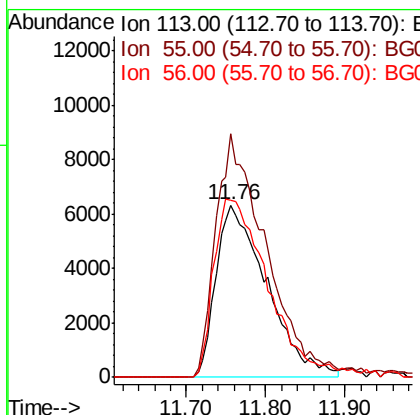
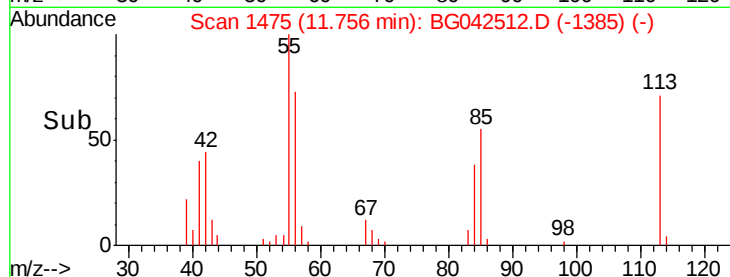
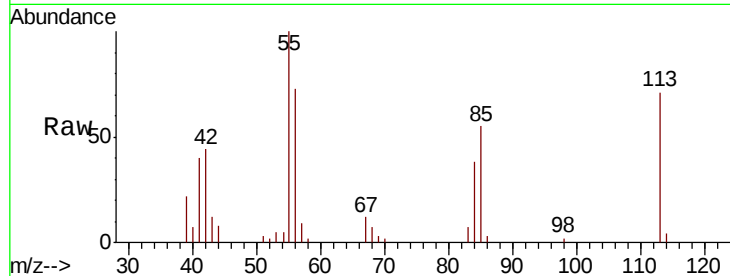
#35
Caprolactam
Concen: 40.631 ng
RT: 11.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.5	124.6	164.6
56	102.7	88.3	128.3

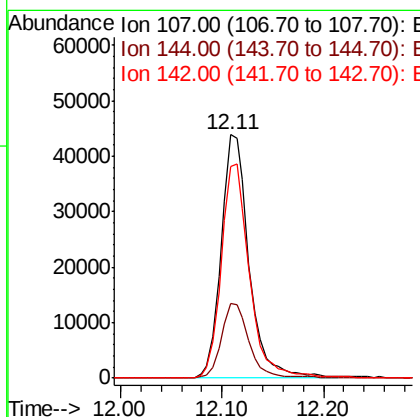
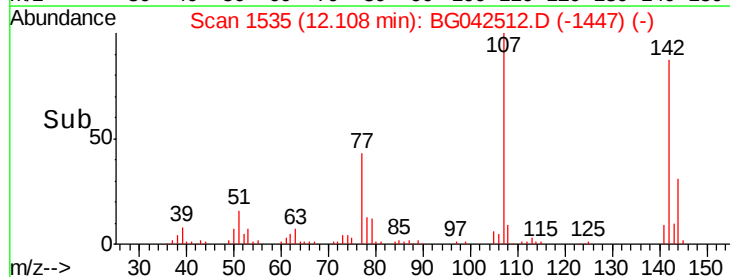
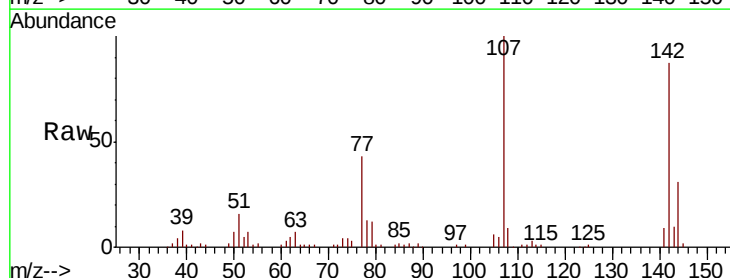
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#36
4-Chloro-3-methylphenol
Concen: 42.534 ng
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.7	23.6	35.4
142	87.0	71.0	106.4





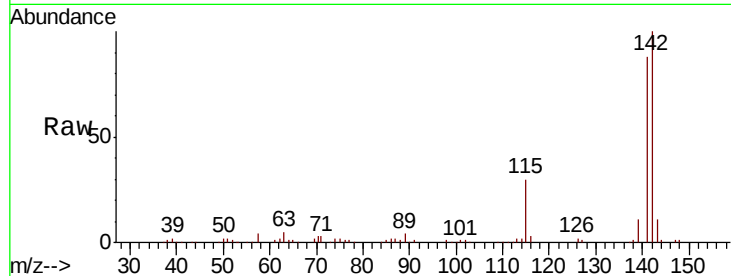
#37
 2-Methylnaphthalene
 Concen: 39.752 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	29.9	25.2	37.8

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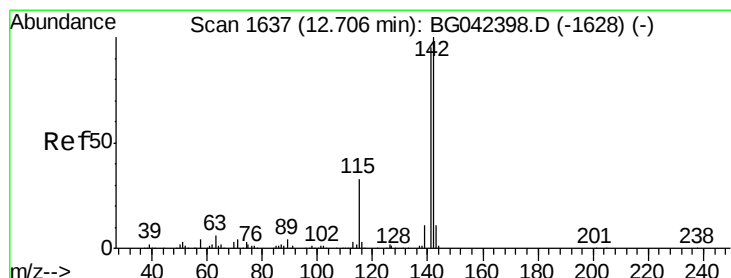
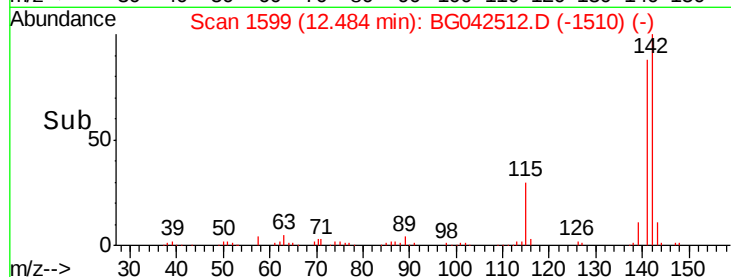
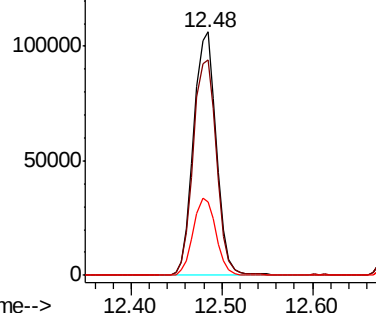


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 39.587 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

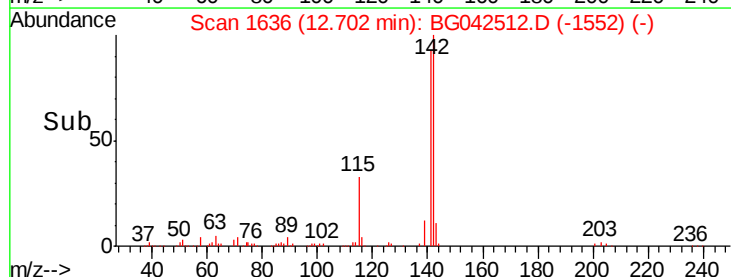
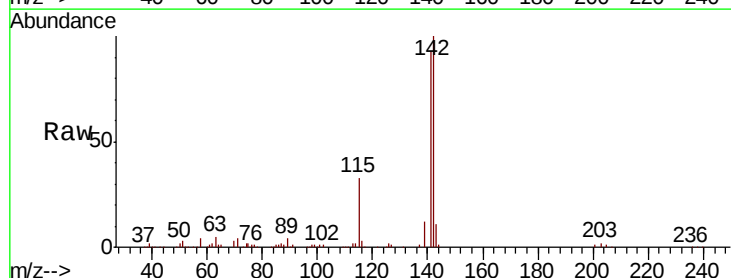
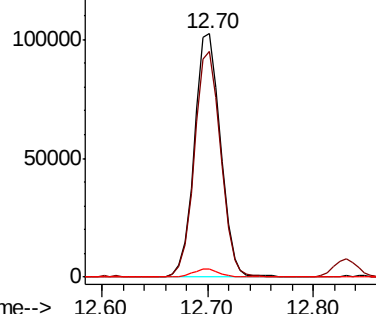
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	76.2	114.2
116	3.5	2.8	4.2

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





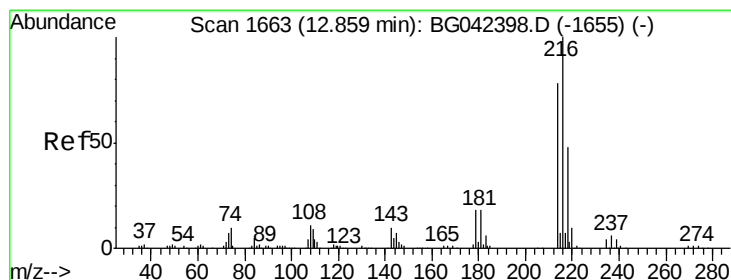
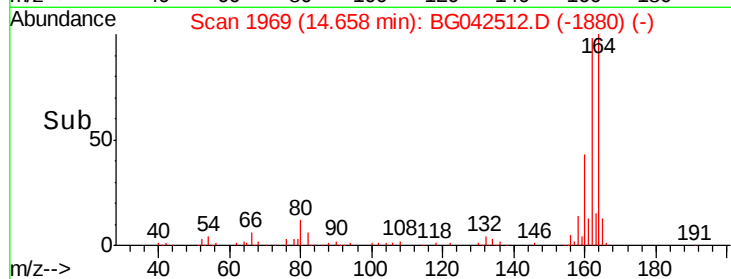
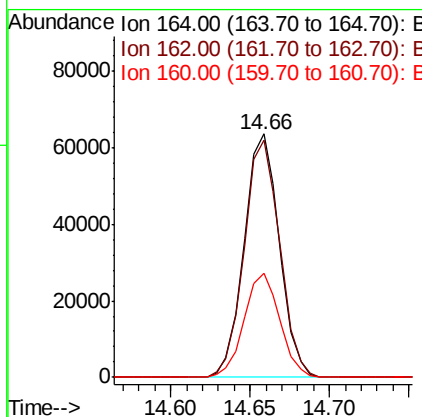
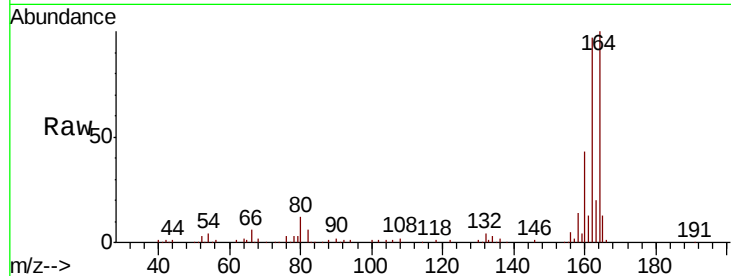
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.9	119.9
160	42.7	34.3	51.5

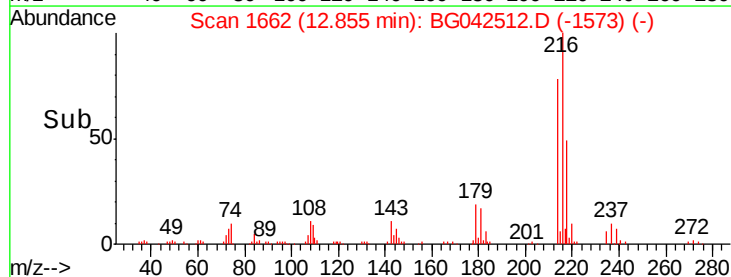
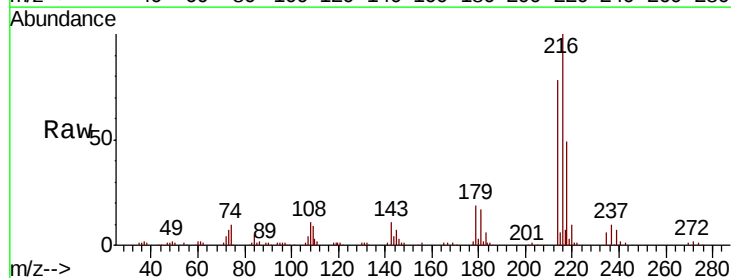
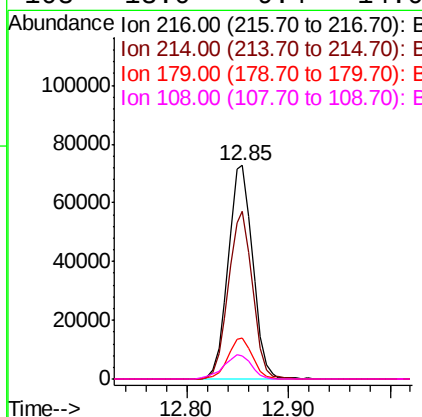
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.686 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	18.7	15.1	22.7
108	13.0	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 75.557 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

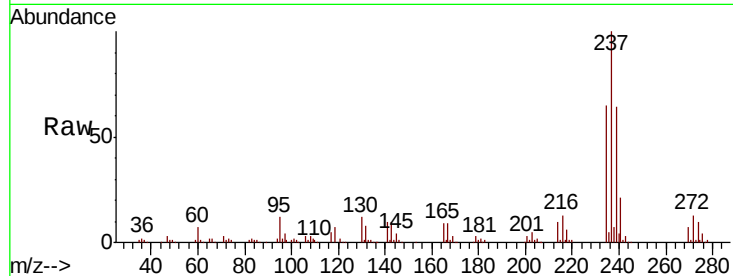
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

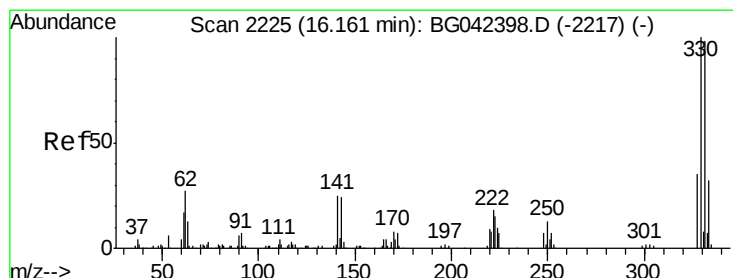
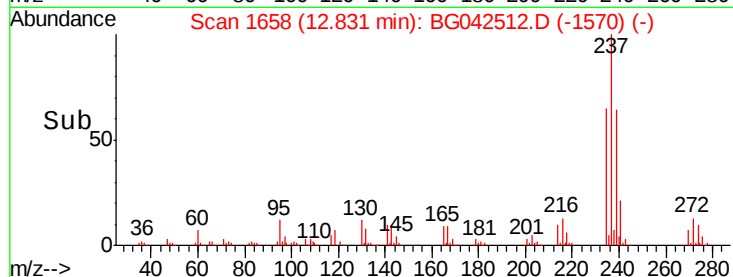
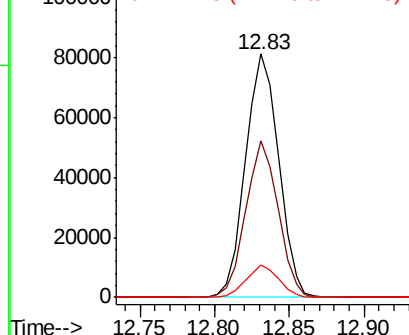
Tot Ion:	237	Resp:	125167
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.7	83.7
272	13.1	0.0	33.3

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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: 113.718 ng

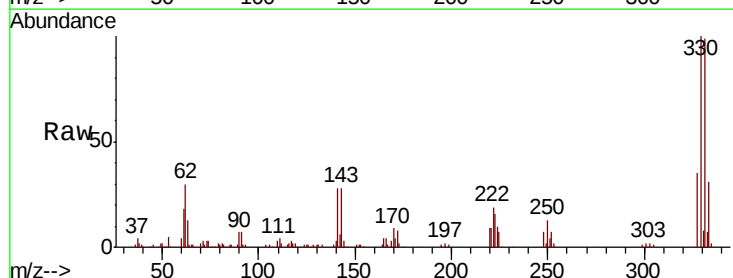
RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

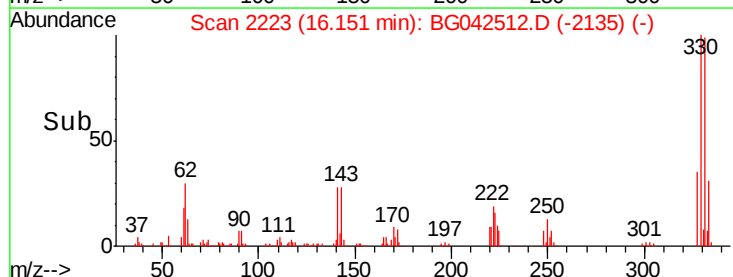
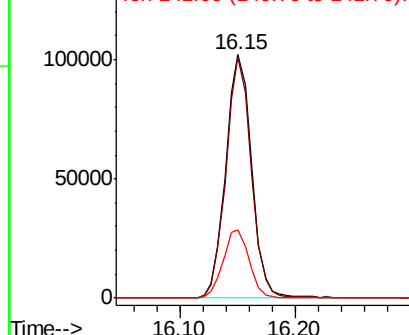
Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	330	Resp:	158729
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	28.3	21.4	32.0



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





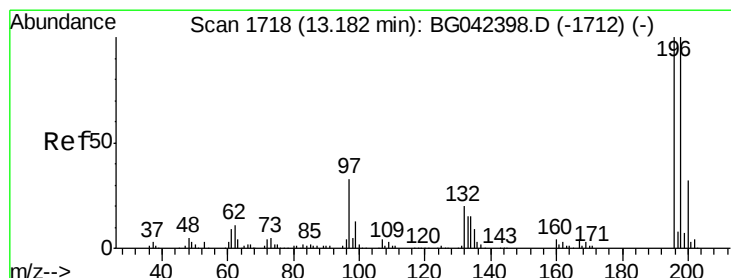
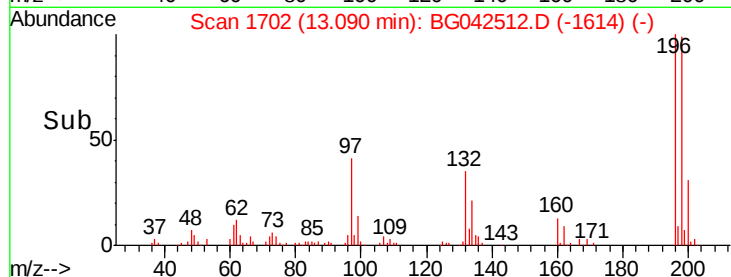
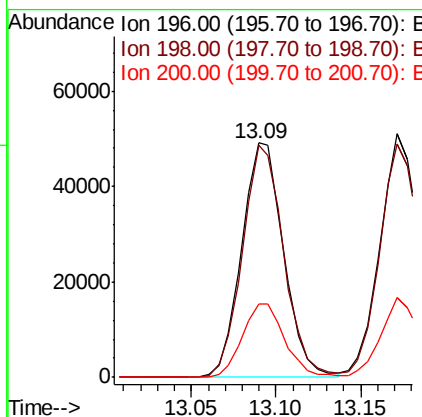
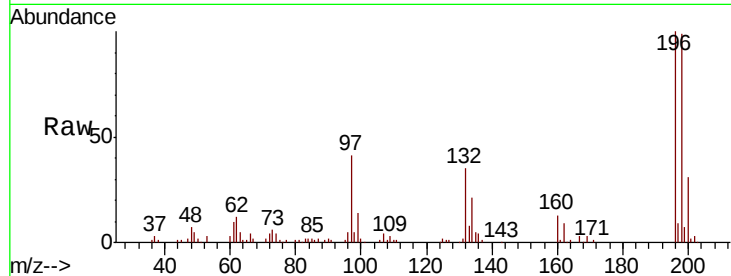
#43
 2,4,6-Trichlorophenol
 Concen: 39.855 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	84959		
198	99.0	80.7	121.1	
200	31.3	25.7	38.5	

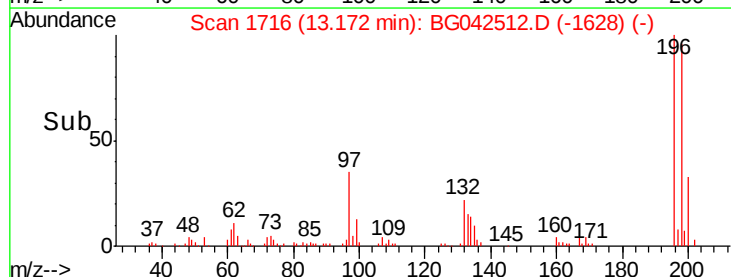
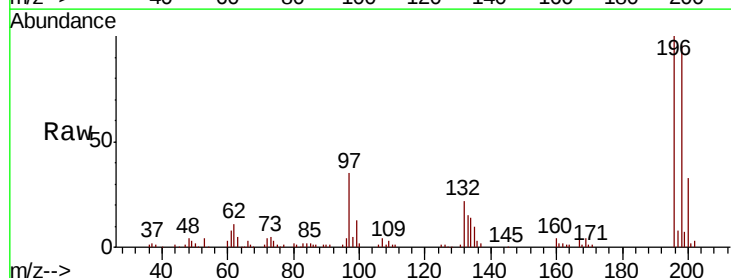
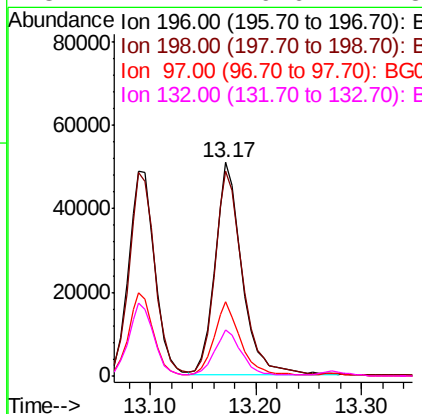
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#44
 2,4,5-Trichlorophenol
 Concen: 40.939 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90436		
198	95.7	80.2	120.4	
97	34.7	26.3	39.5	
132	21.7	16.6	24.8	





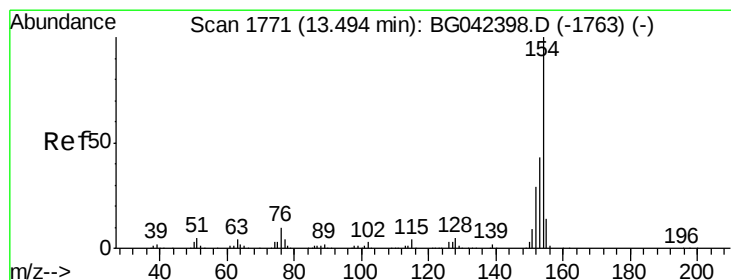
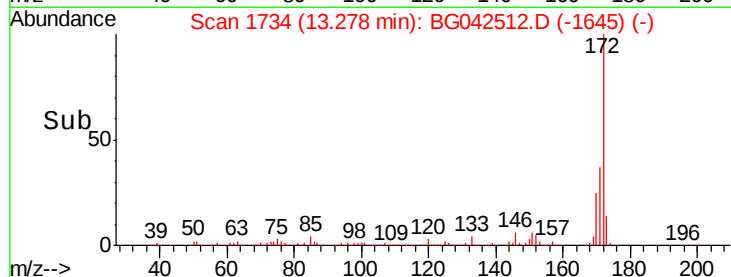
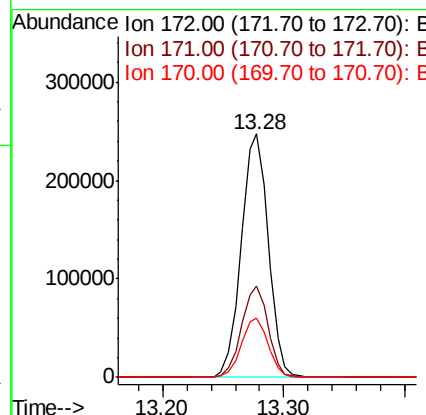
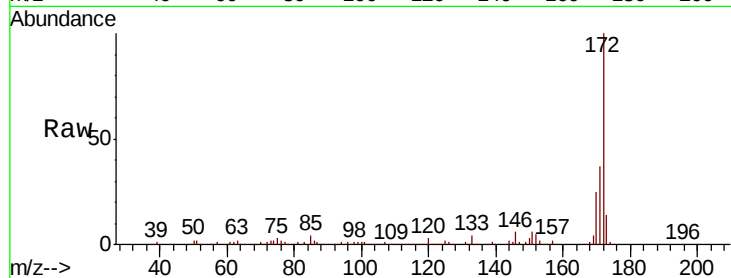
#45
2-Fluorobiphenyl
Concen: 66.568 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	24.6	20.2	30.2

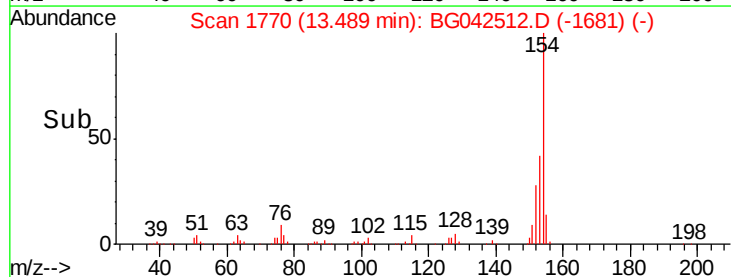
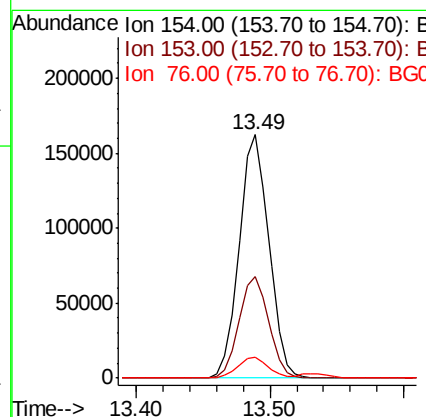
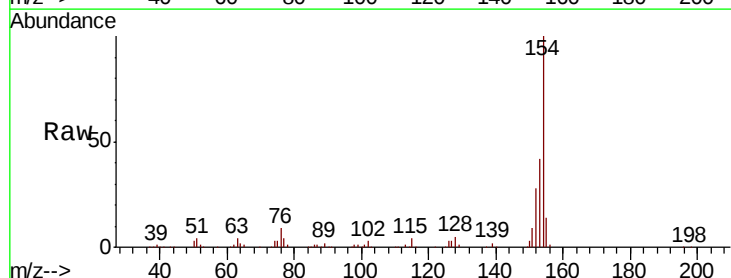
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#46
1,1'-Biphenyl
Concen: 39.422 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.0	63.0
76	8.8	0.0	29.6





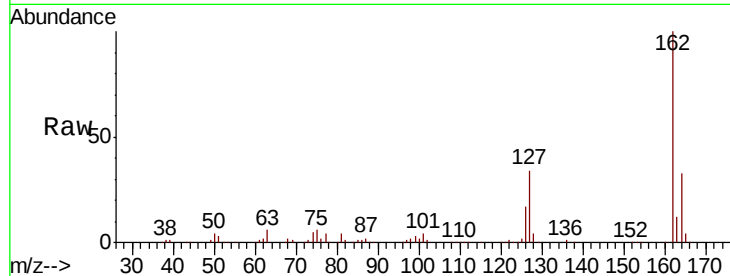
#47
2-Chloronaphthalene
Concen: 37.251 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

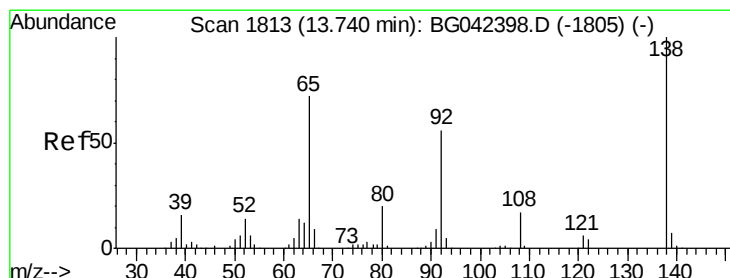
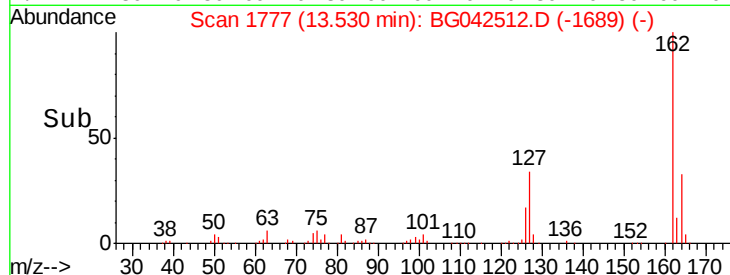
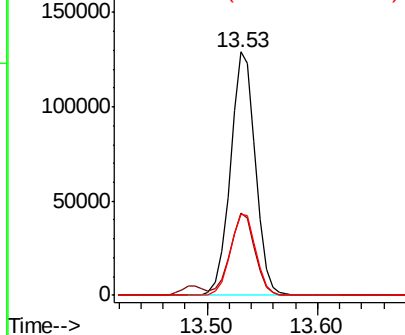
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	26.0	39.0
164	33.3	27.4	41.0

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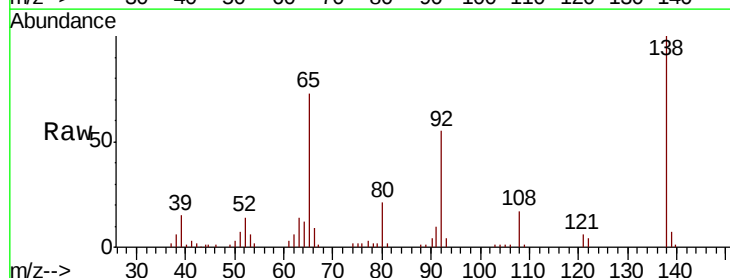


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

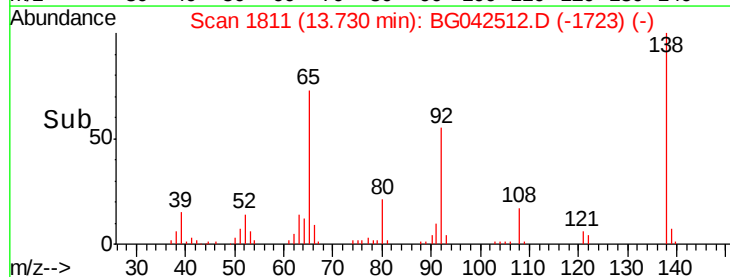
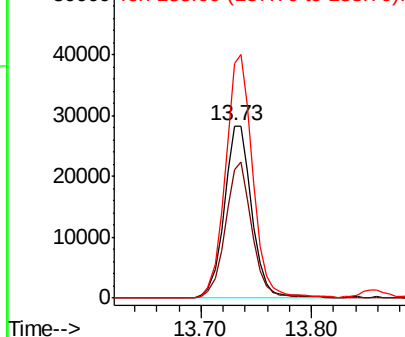


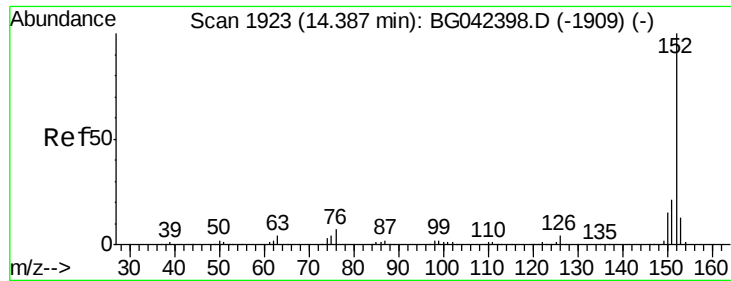
#48
2-Nitroaniline
Concen: 37.399 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	61.8	92.6
138	136.6	111.0	166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





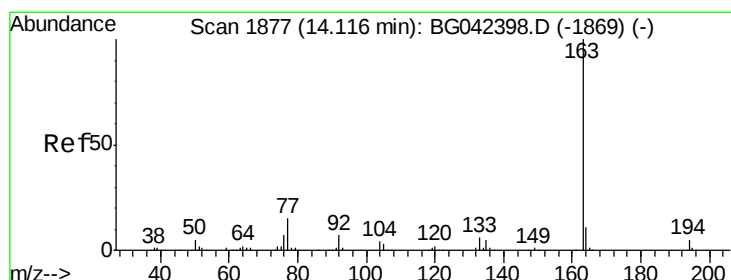
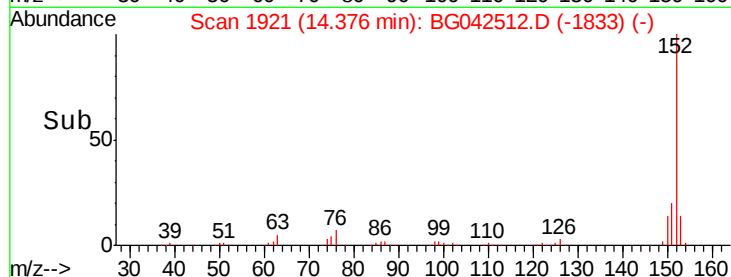
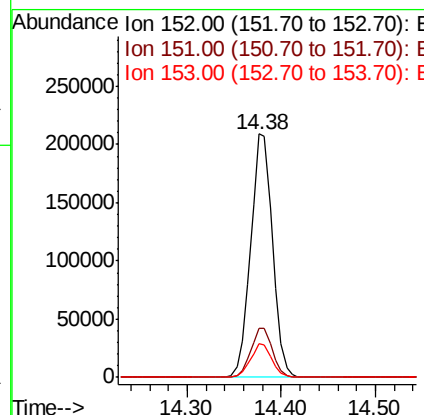
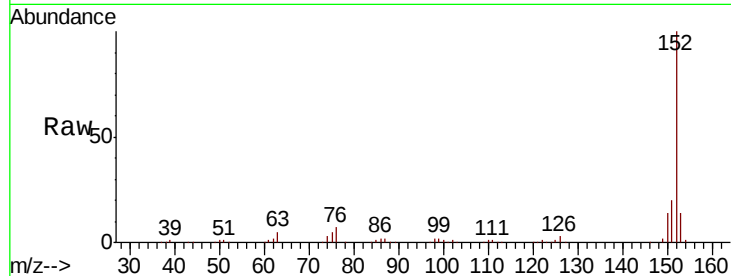
#49
Acenaphthylene
Concen: 40.788 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.4
153	13.7	10.6	16.0

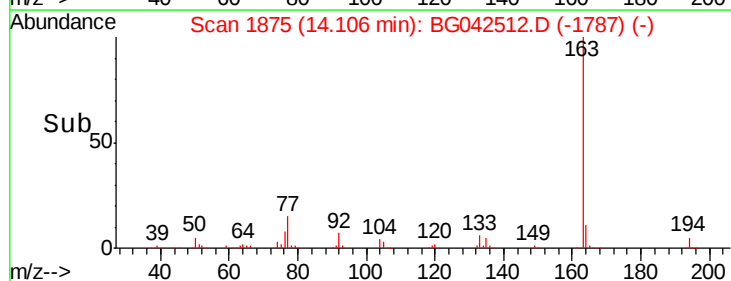
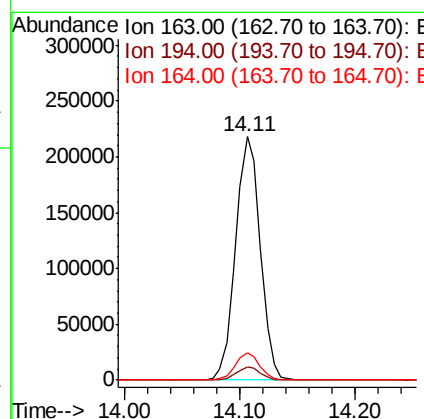
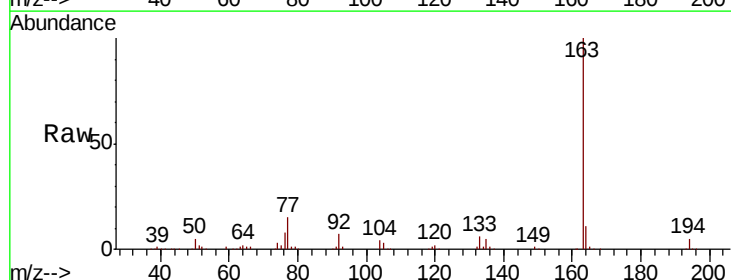
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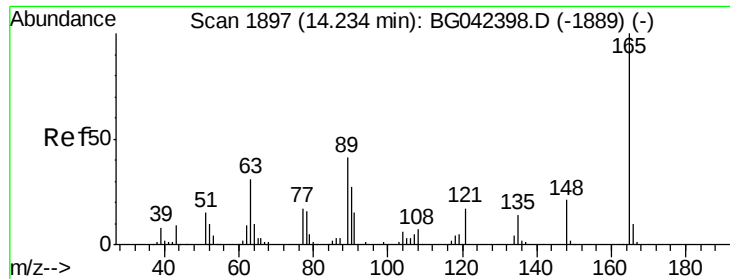
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#50
Dimethylphthalate
Concen: 45.470 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	11.2	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 40.598 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

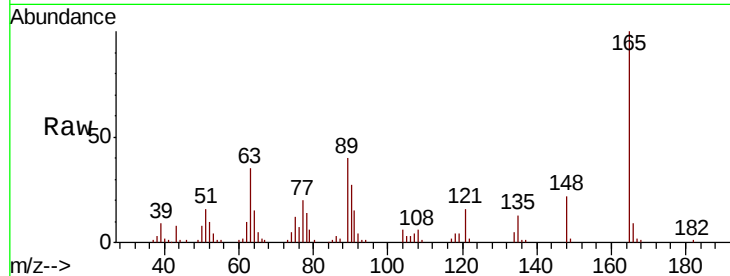
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

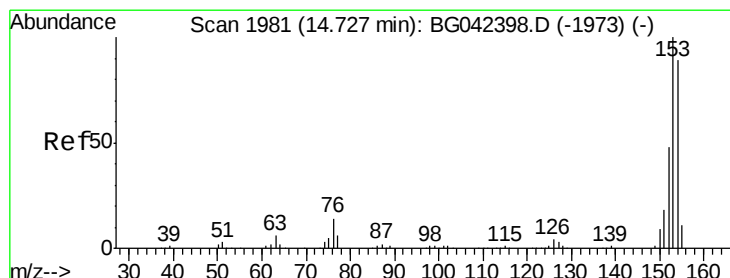
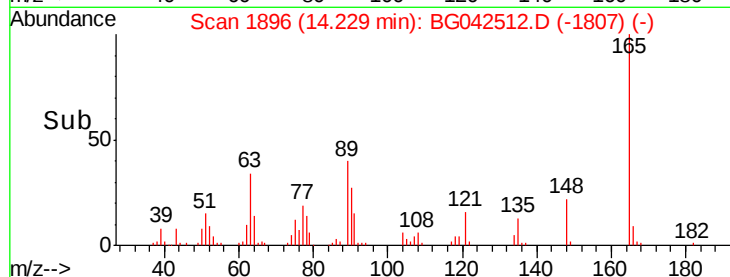
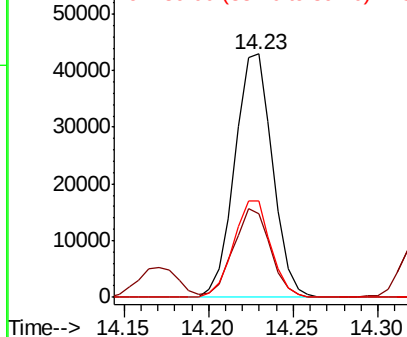
Tot Ion:	165	Resp:	66679
Ion Ratio	Lower	Upper	
165	100		
63	34.5	30.6	45.8
89	39.7	32.6	49.0

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.839 ng

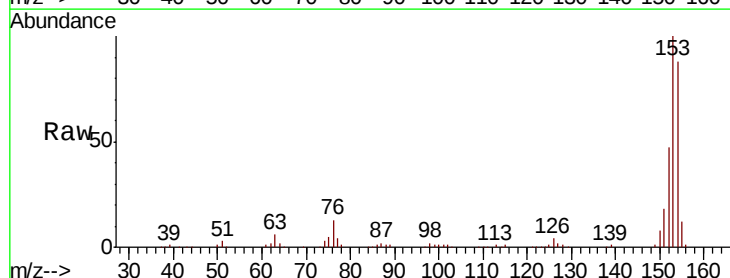
RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

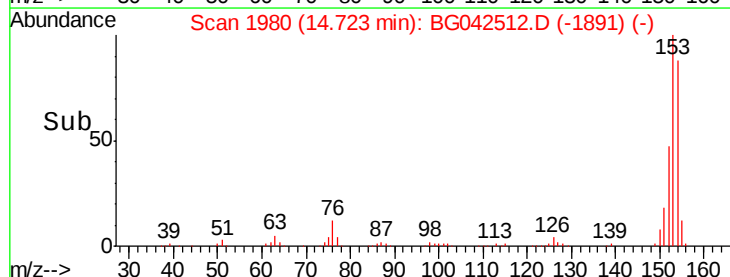
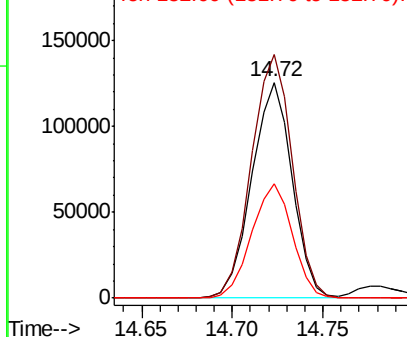
Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	154	Resp:	194212
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.2	135.4
152	53.2	43.2	64.8



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





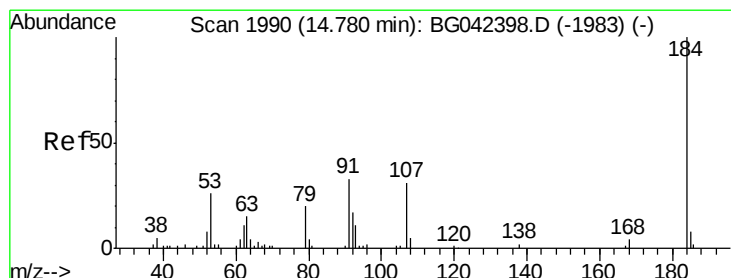
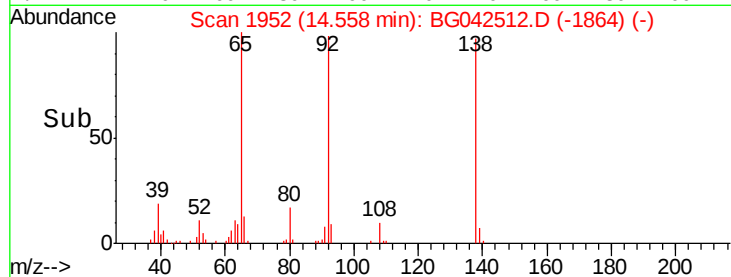
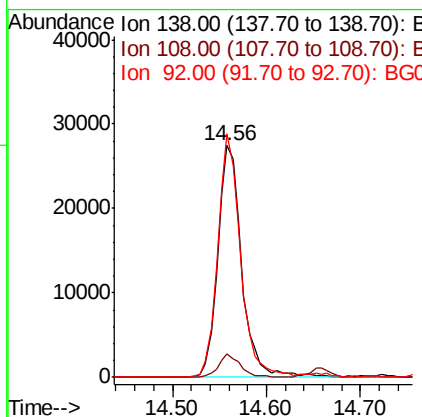
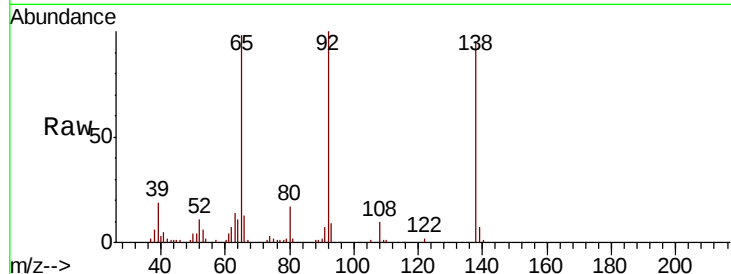
#53
3-Nitroaniline
Concen: 29.658 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	105.0	78.2	117.4

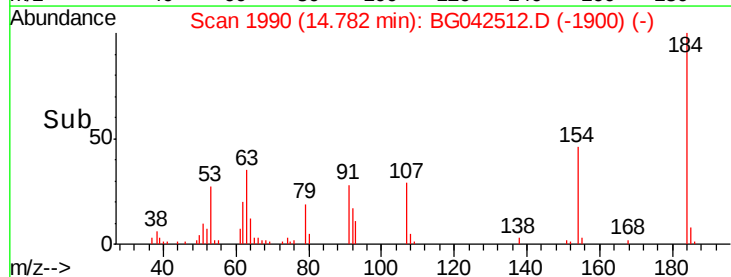
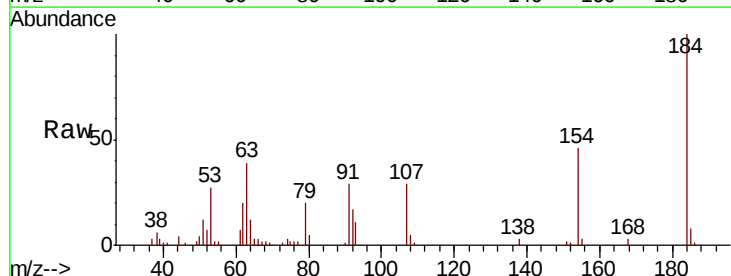
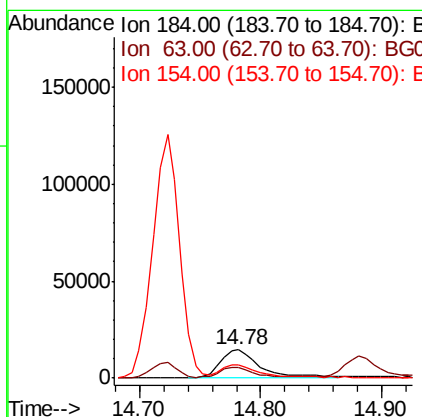
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#54
2,4-Dinitrophenol
Concen: 33.823 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.1	31.7	47.5
154	46.3	42.0	63.0





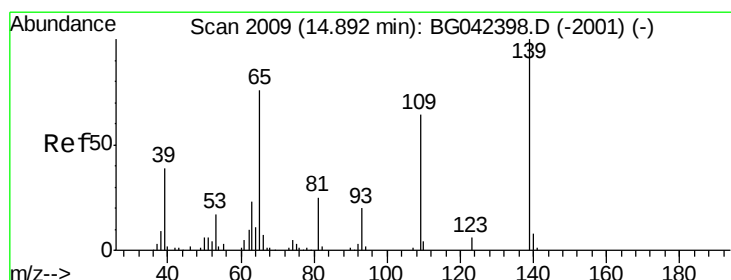
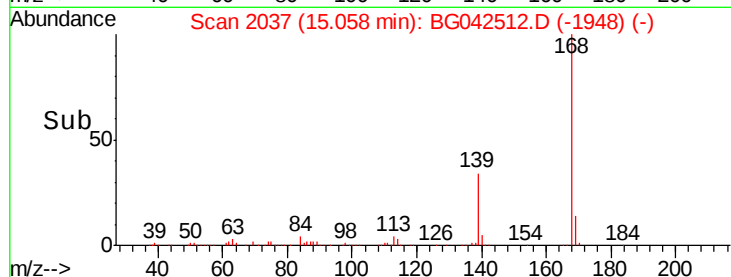
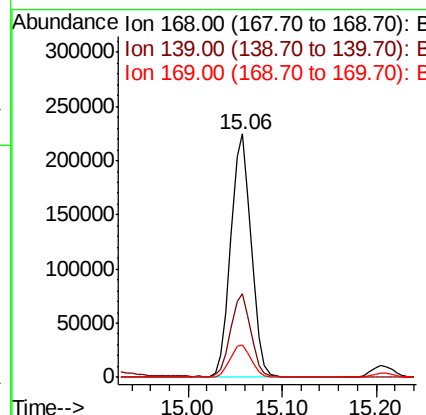
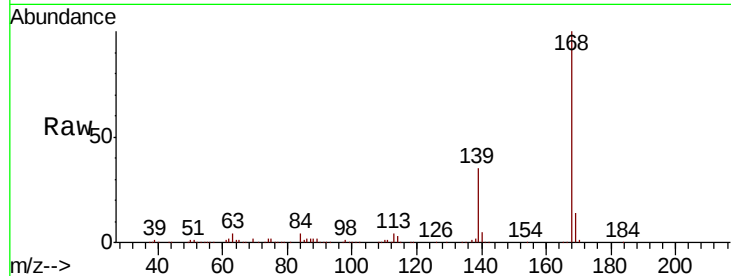
#55
Dibenzenofuran
Concen: 40.960 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.2	40.8
169	13.6	11.5	17.3

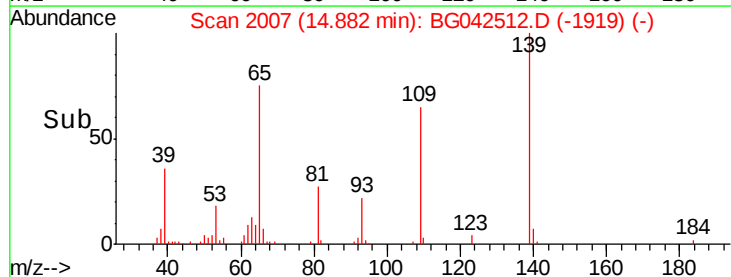
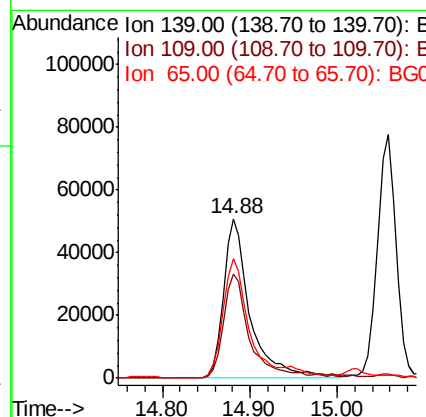
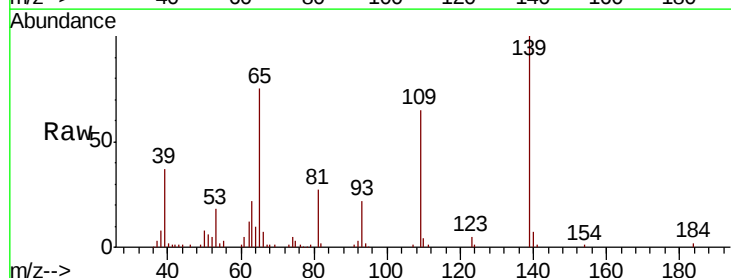
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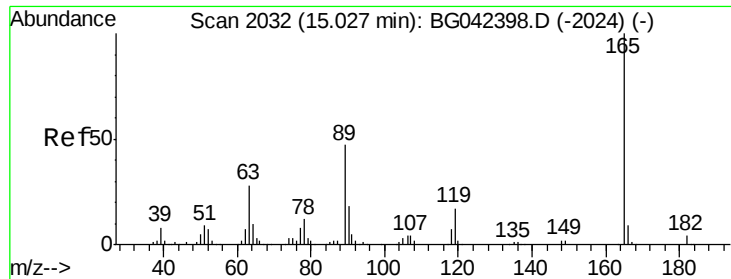
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#56
4-Nitrophenol
Concen: 91.542 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	43.9	83.9
65	75.0	56.3	96.3





#57

2,4-Dinitrotoluene

Concen: 42.765 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

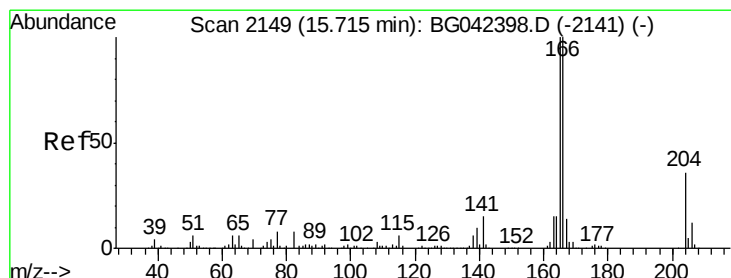
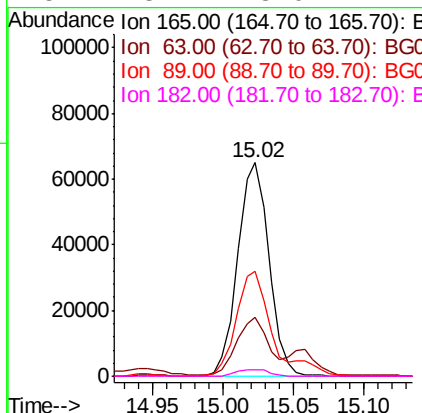
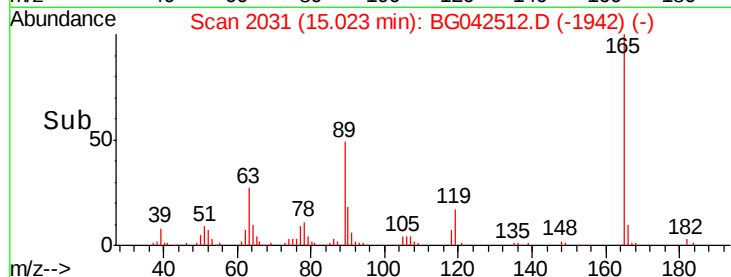
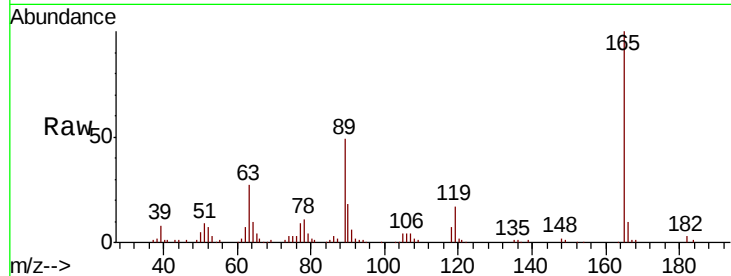
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.4	22.5	33.7
89	49.2	37.8	56.6
182	3.1	3.0	4.4

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#58

Fluorene

Concen: 41.151 ng

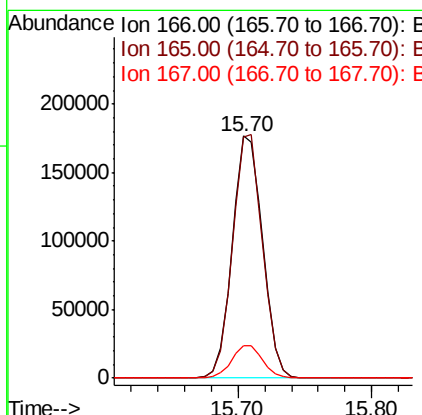
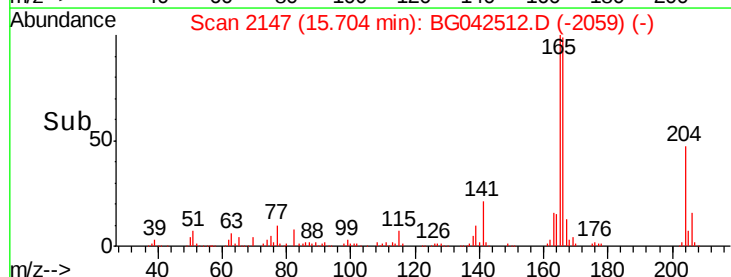
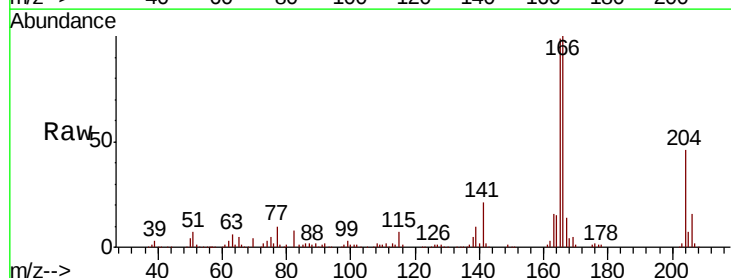
RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	13.6	10.9	16.3





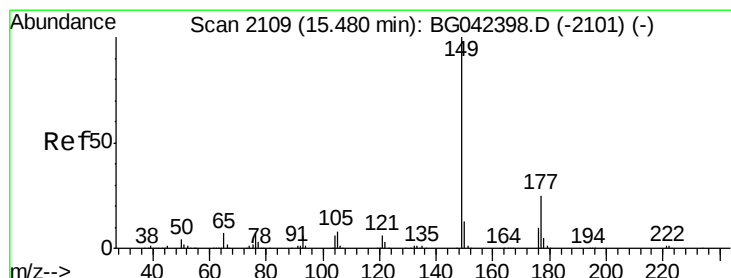
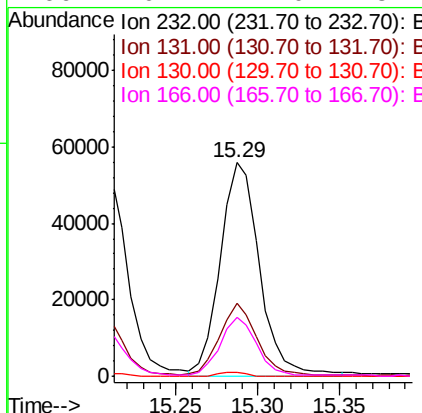
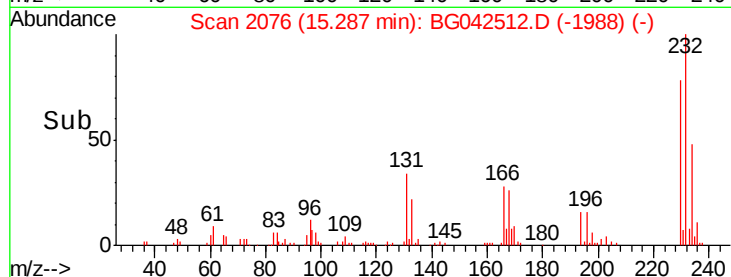
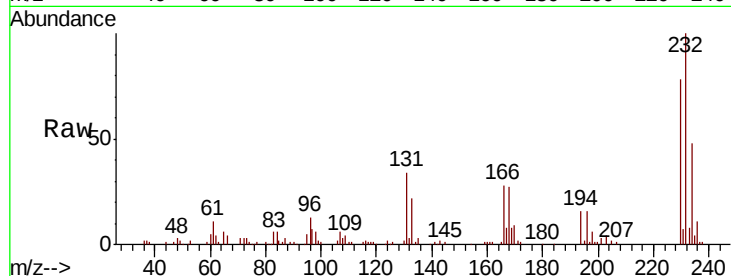
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.063 ng/ml
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion:	232	Resp:	94074
Ion Ratio	Lower	Upper	
232	100		
131	26.6	22.9	34.3
130	1.5	1.4	2.0
166	20.1	17.0	25.4

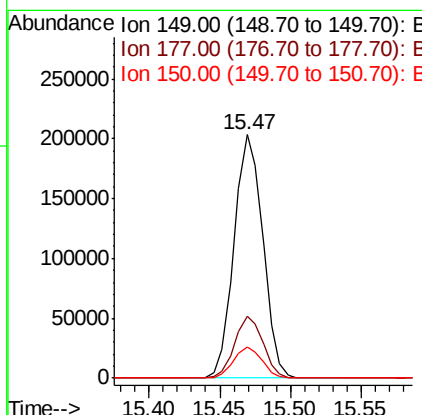
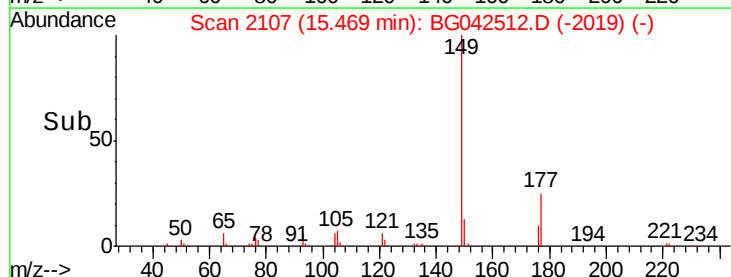
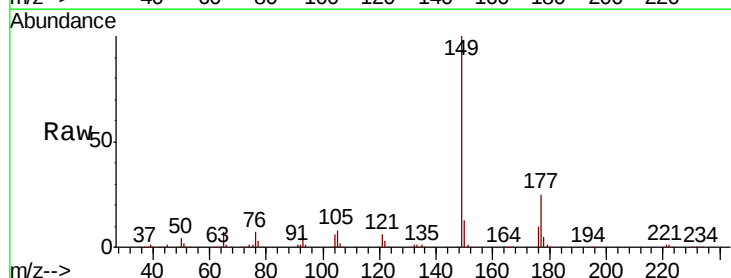
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#60
 Diethylphthalate
 Concen: 41.666 ng/ml
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion:	149	Resp:	288609
Ion Ratio	Lower	Upper	
149	100		
177	25.3	20.4	30.6
150	12.9	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 39.493 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

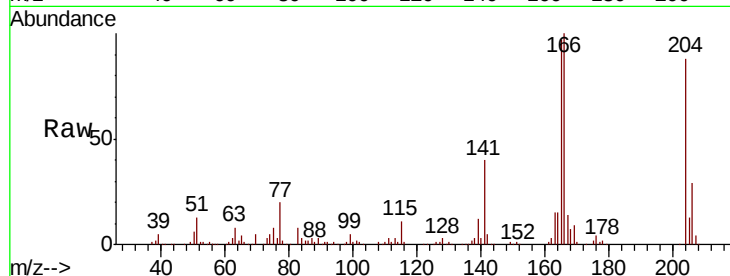
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion:	204	Resp:	161079
Ion Ratio	Lower	Upper	
204	100		
206	33.6	27.2	40.8
141	46.0	38.7	58.1

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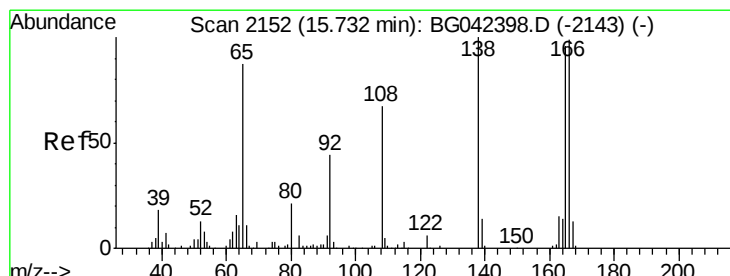
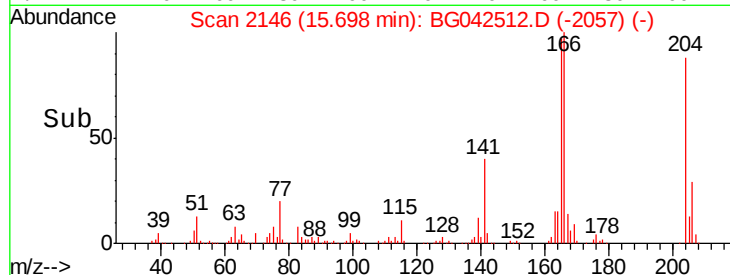
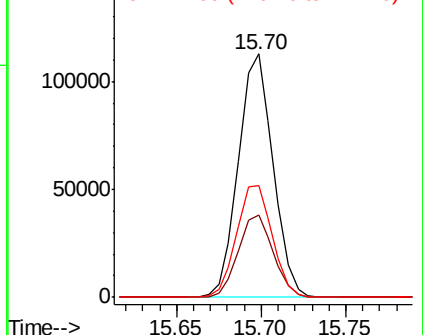


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 43.249 ng

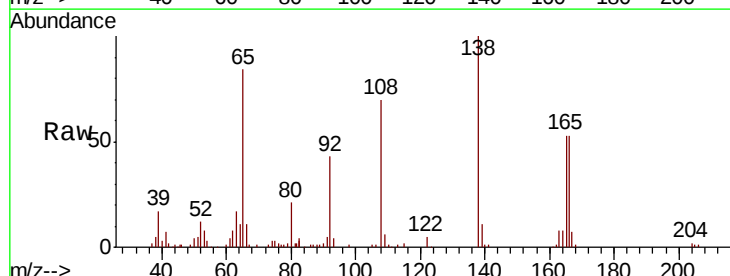
RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	138	Resp:	76030
Ion Ratio	Lower	Upper	
138	100		
92	43.0	24.2	64.2
108	70.5	46.8	86.8

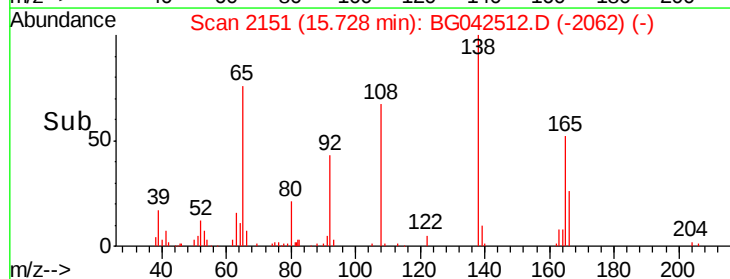
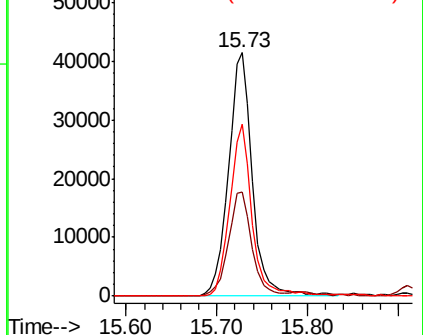


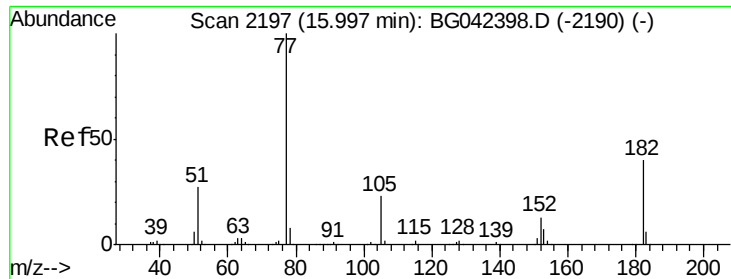
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





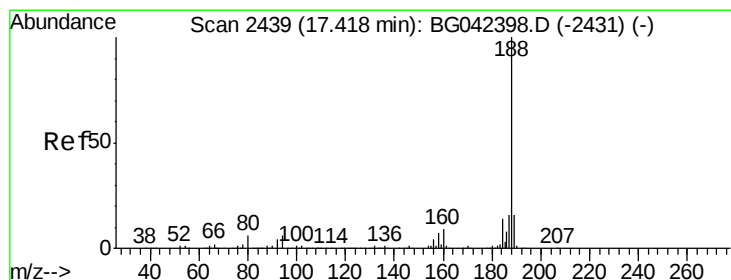
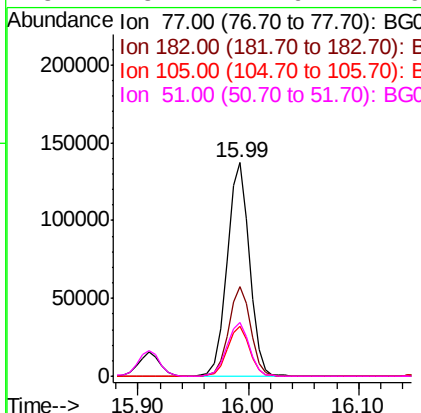
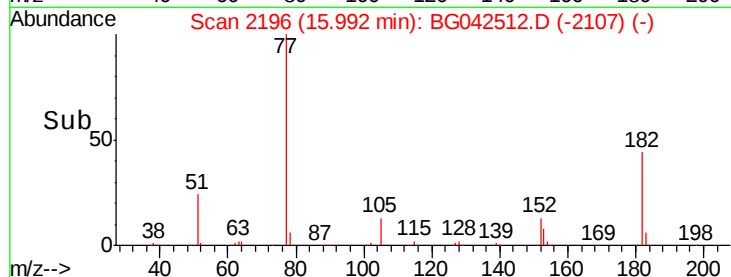
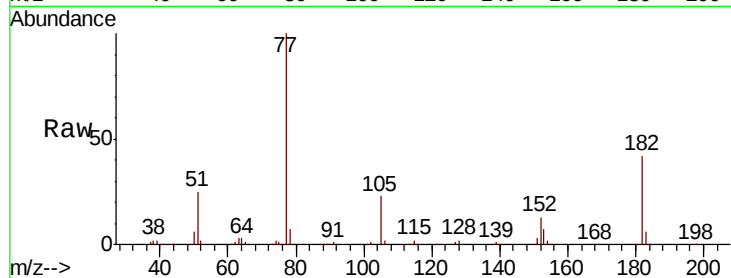
#63
Azobenzene
Concen: 41.007 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	41.9	19.9	59.9		
105	23.4	2.9	42.9		
51	25.4	7.6	47.6		

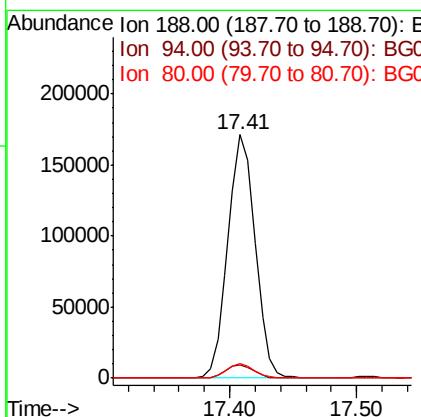
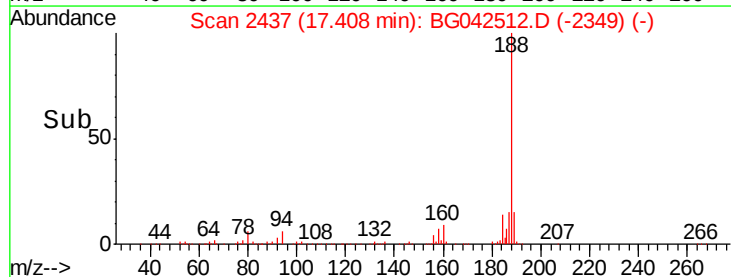
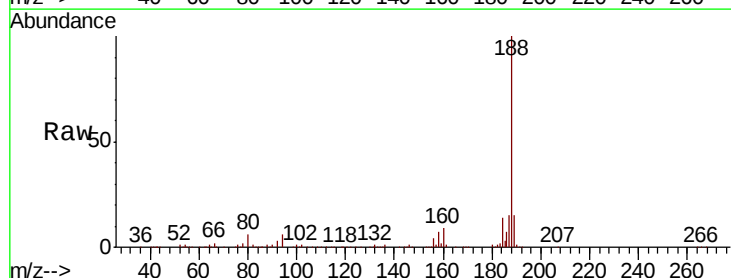
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.6	4.5	6.7		
80	6.1	4.9	7.3		





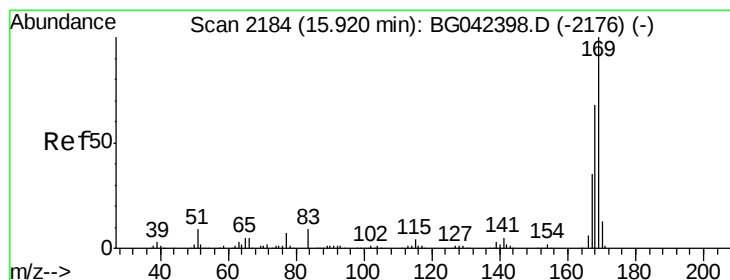
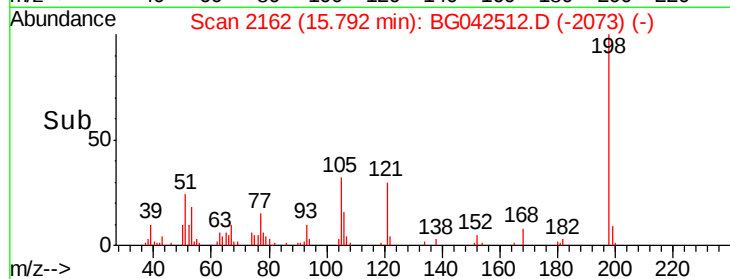
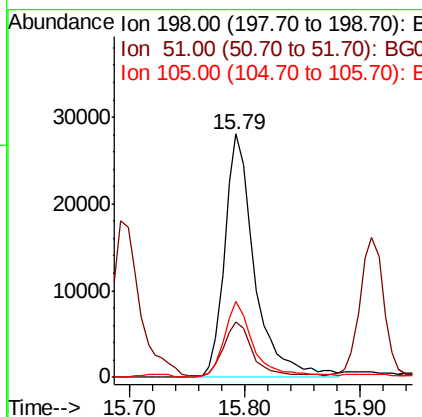
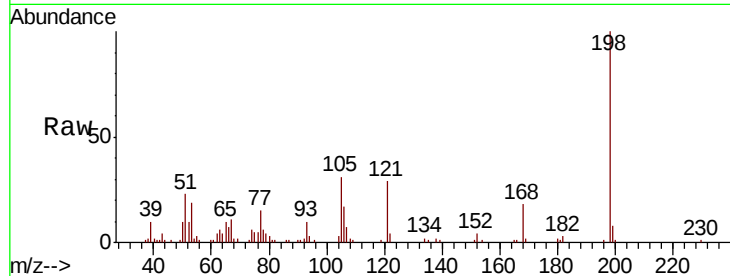
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.346 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	50289		
51	23.0		4.2	44.2
105	31.0		8.8	48.8

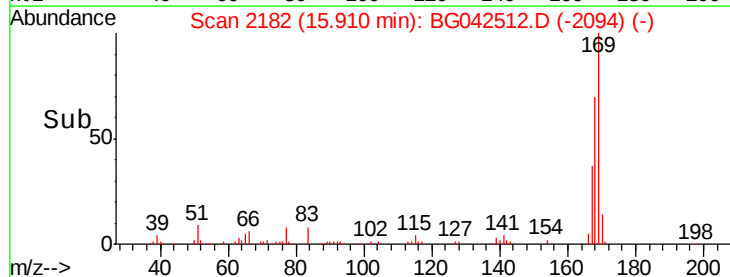
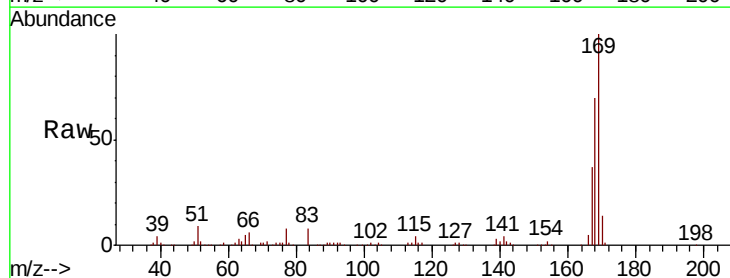
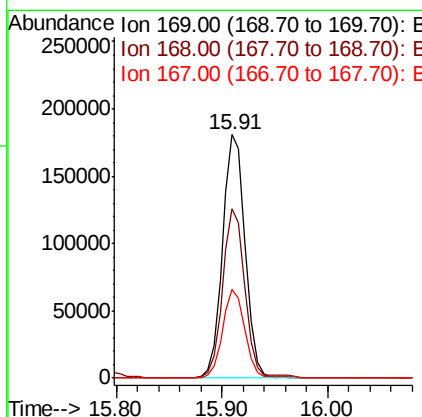
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#66
 n-Nitrosodiphenylamine
 Concen: 37.930 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	266920		
168	69.7		54.3	81.5
167	36.6		28.2	42.2





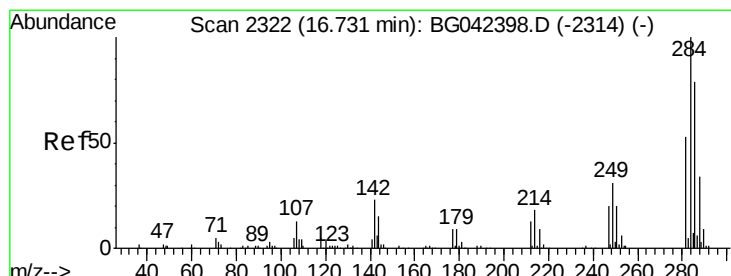
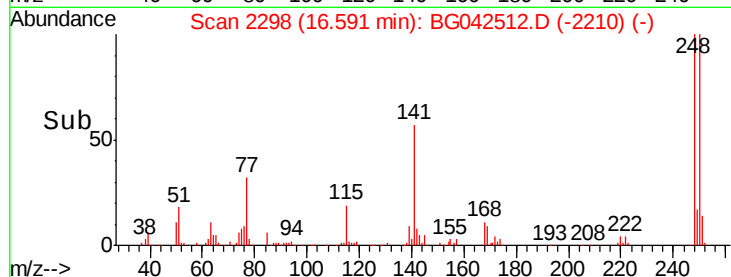
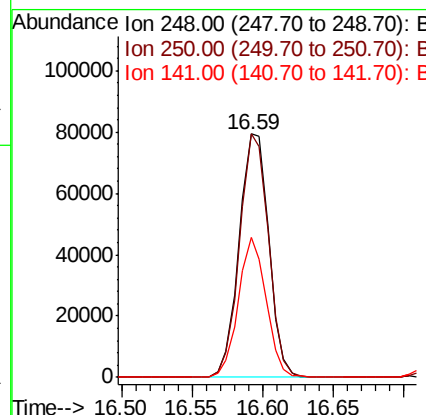
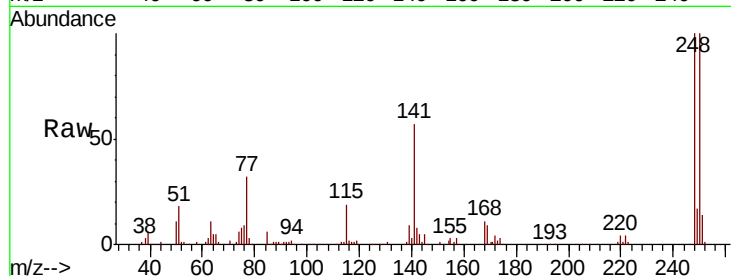
#67
 4-Bromophenyl-phenylether
 Concen: 35.876 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.9	118.3
141	57.4	43.3	64.9

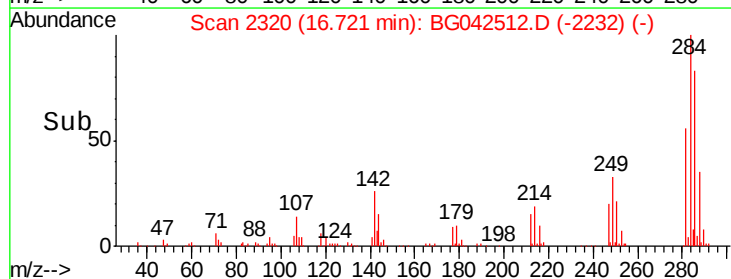
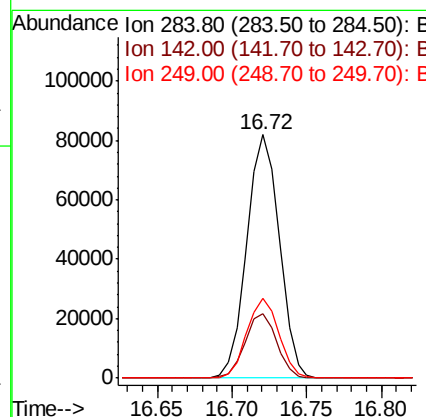
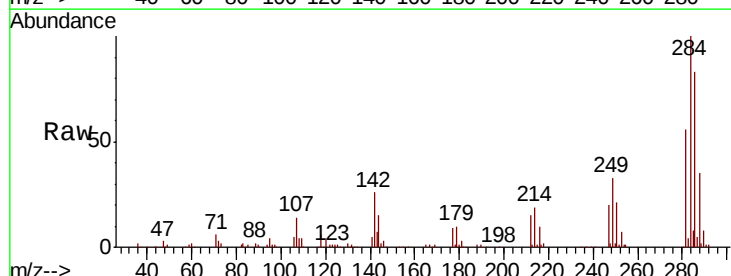
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#68
 Hexachlorobenzene
 Concen: 35.077 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	18.2	27.4
249	33.0	25.0	37.4





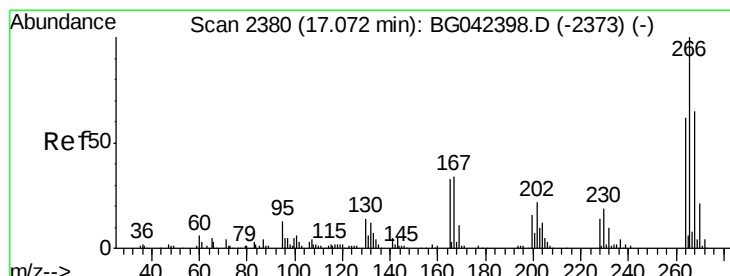
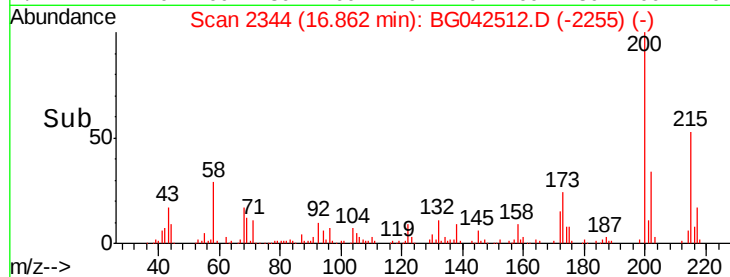
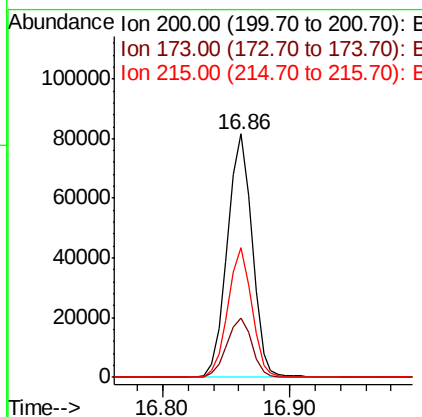
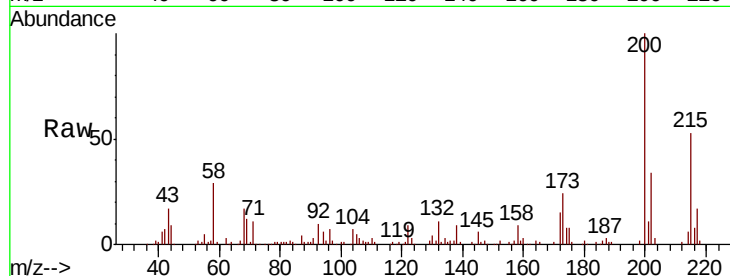
#69
 Atrazine
 Concen: 44.503 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	110748		
173	24.3	4.9	44.9	
215	53.0	30.7	70.7	

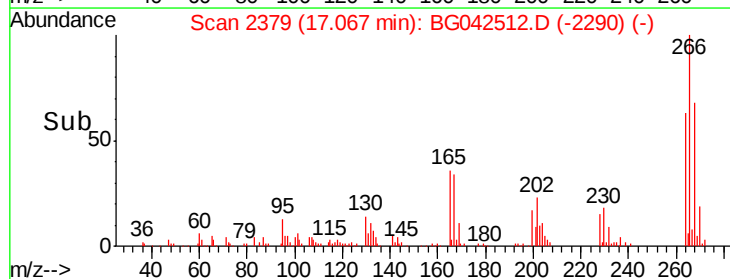
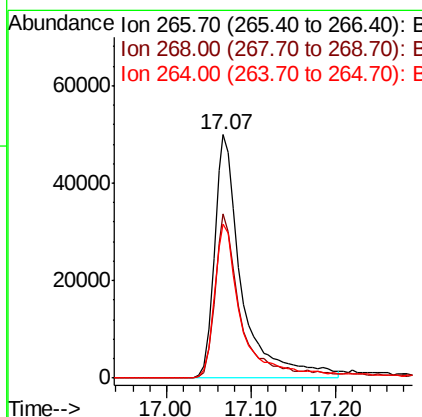
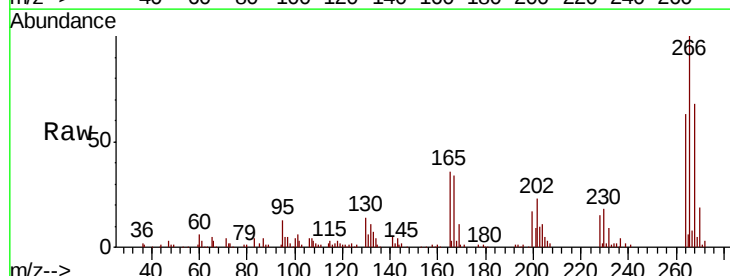
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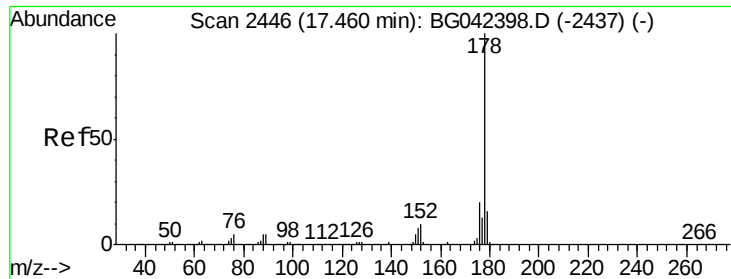
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#70
 Pentachlorophenol
 Concen: 61.476 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	112706		
268	67.6	52.1	78.1	
264	63.1	49.4	74.2	





#71

Phenanthrene

Concen: 40.232 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

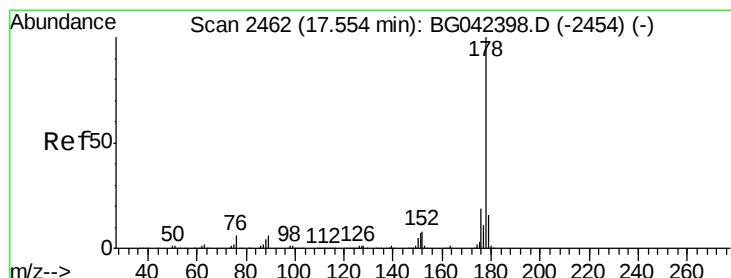
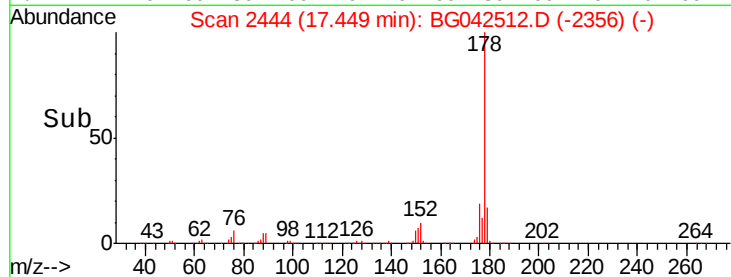
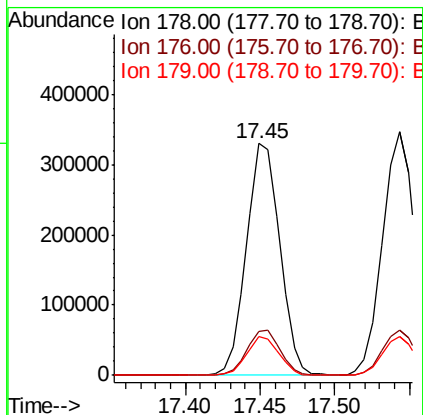
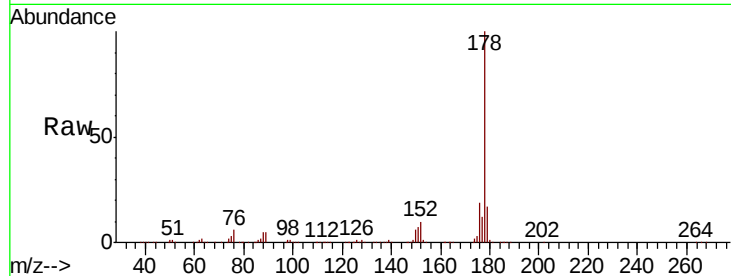
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion:178	Resp:	511379
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.9 23.9
179	16.9	12.7 19.1

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#72

Anthracene

Concen: 41.319 ng

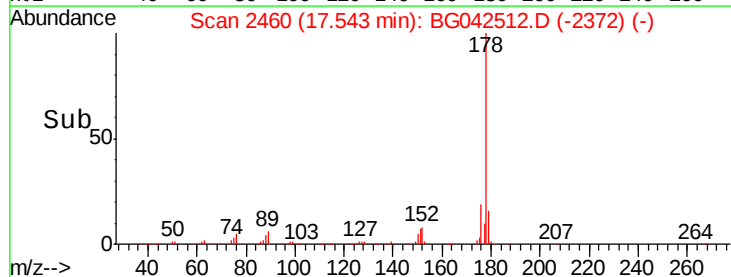
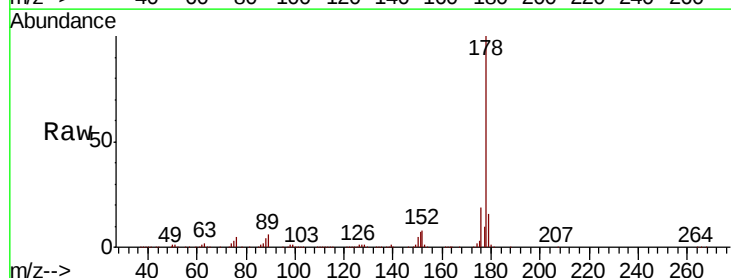
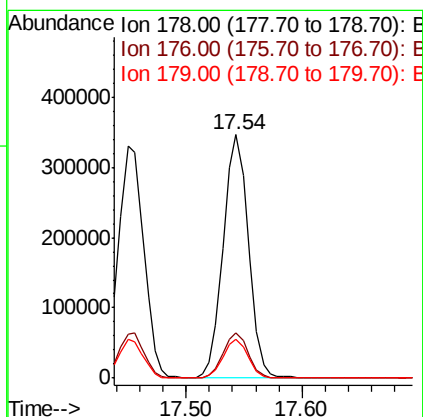
RT: 17.54 min Scan# 2460

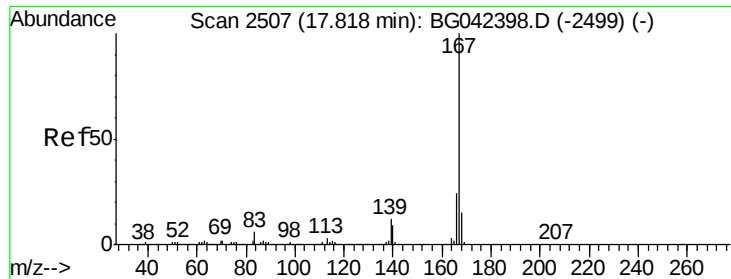
Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:178	Resp:	524294
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.5 23.3
179	15.7	12.9 19.3





#73

Carbazole

Concen: 43.133 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

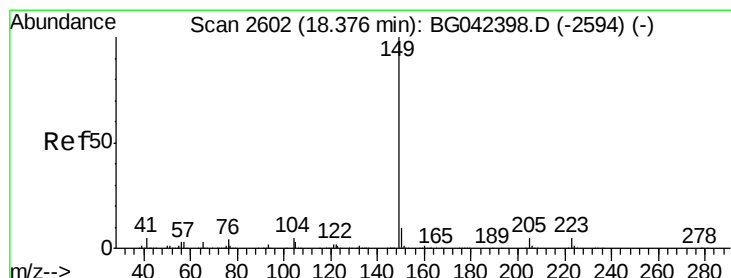
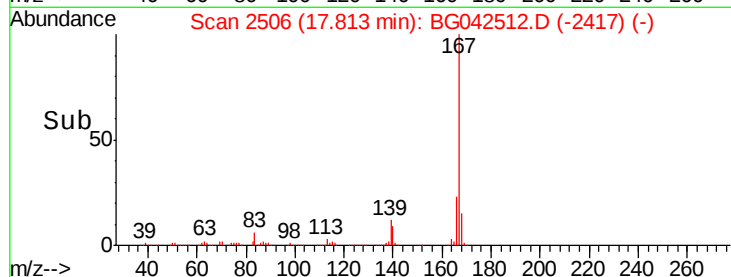
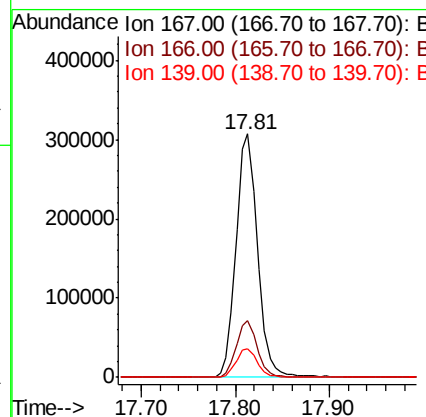
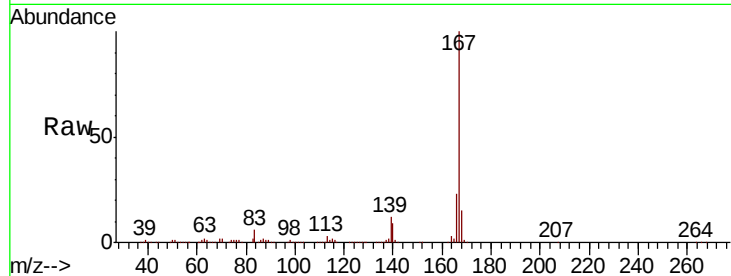
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion:	167	Resp:	487790
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.9	28.3
139	11.8	9.8	14.6

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#74

Di-n-butylphthalate

Concen: 43.603 ng

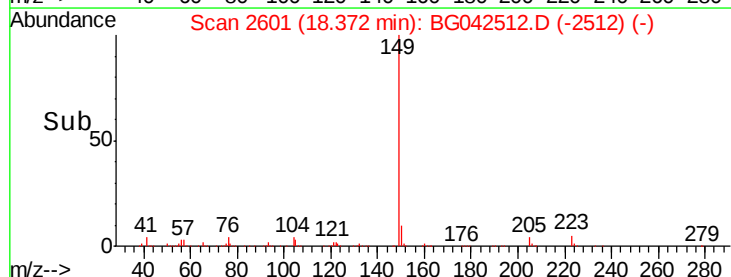
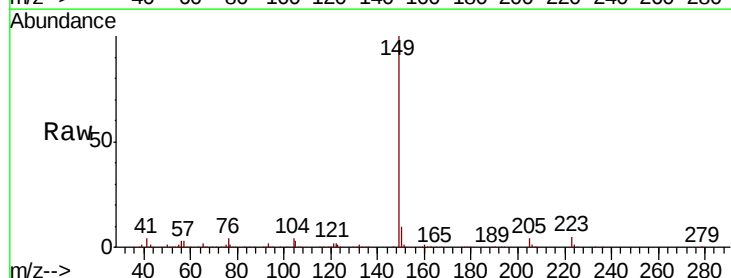
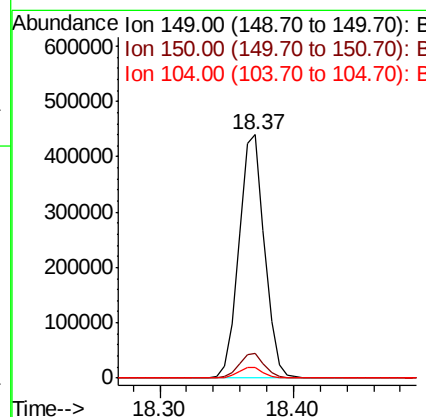
RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	149	Resp:	582895
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 46.793 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

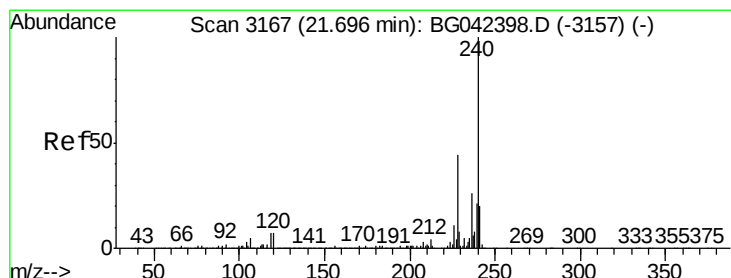
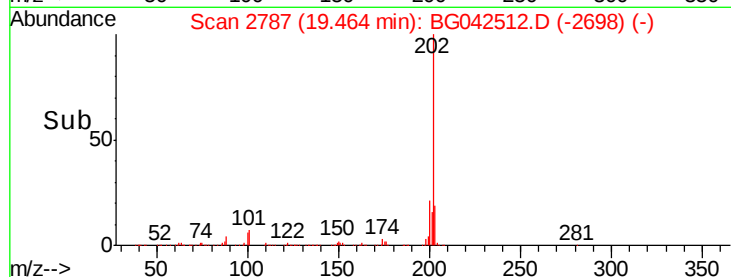
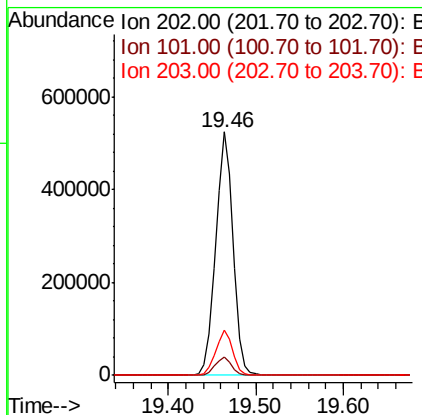
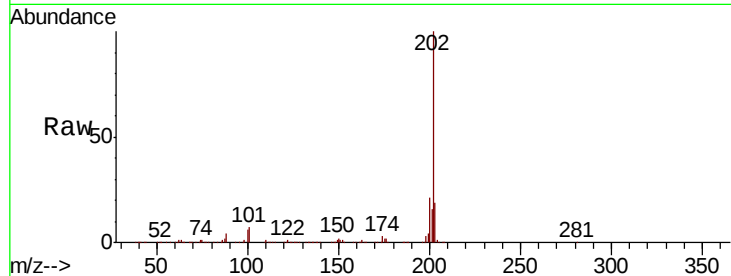
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		725874		
101	7.3	0.0	28.3		
203	18.5	0.0	39.6		

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#76

Chrysene-d12

Concen: 20.000 ng

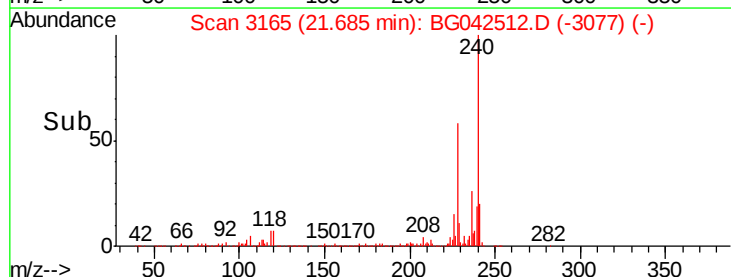
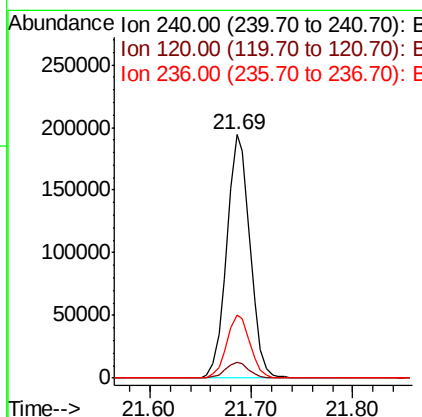
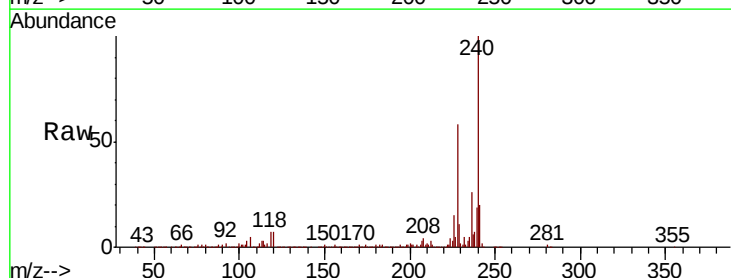
RT: 21.69 min Scan# 3165

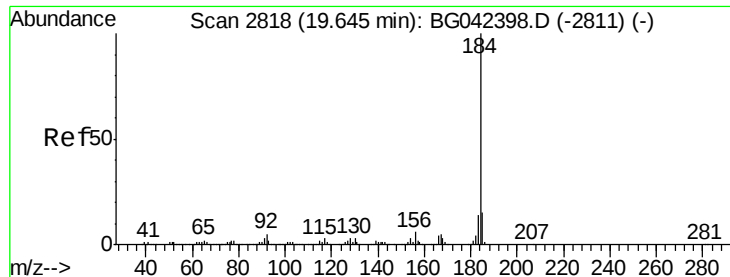
Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		307695		
120	6.7	5.7	8.5		
236	25.8	21.0	31.4		





#77

Benzidine

Concen: 40.349 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

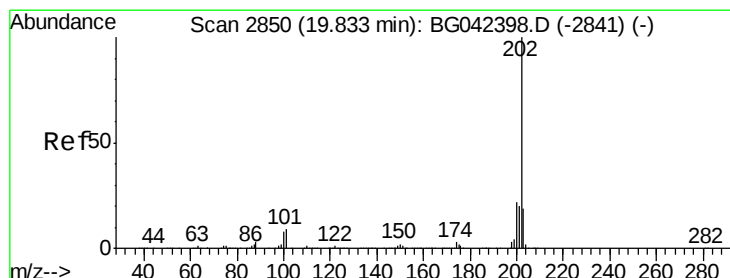
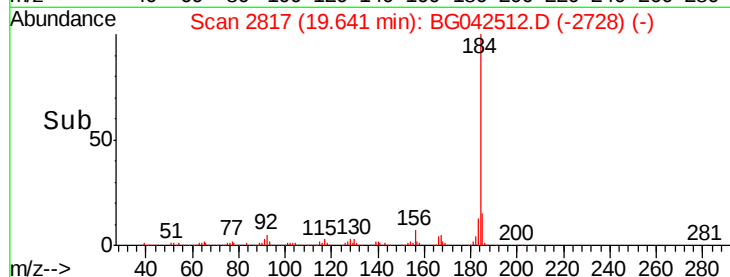
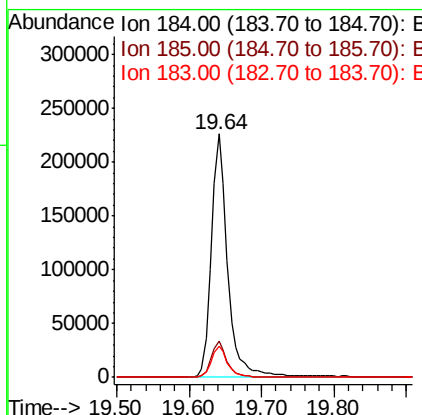
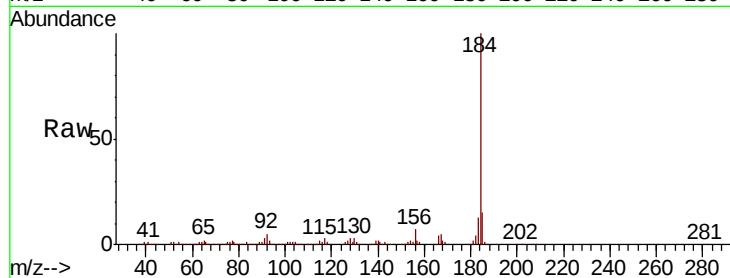
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion:	184	Resp:	355946
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.4
183	12.9	10.8	16.2

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#78

Pyrene

Concen: 39.142 ng

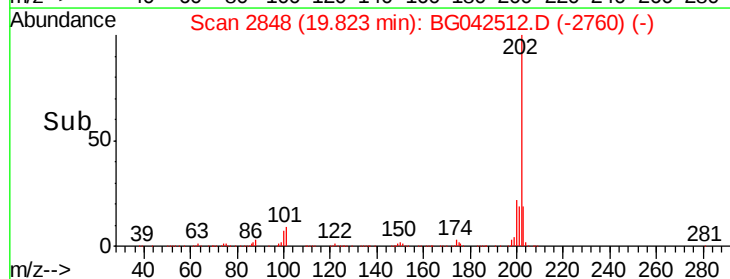
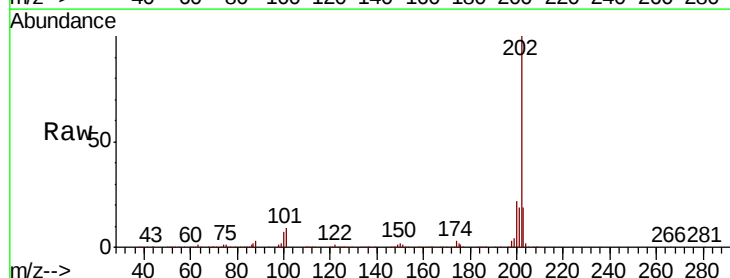
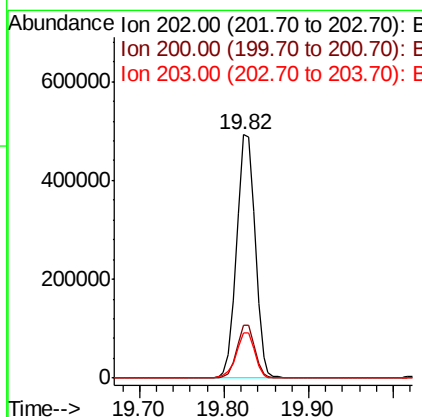
RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	202	Resp:	738396
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	18.6	15.5	23.3





#79

Terphenyl-d14

Concen: 61.618 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

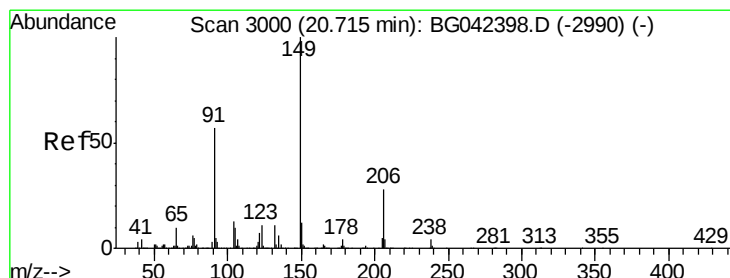
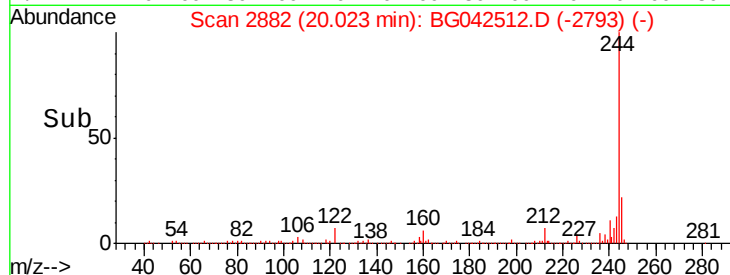
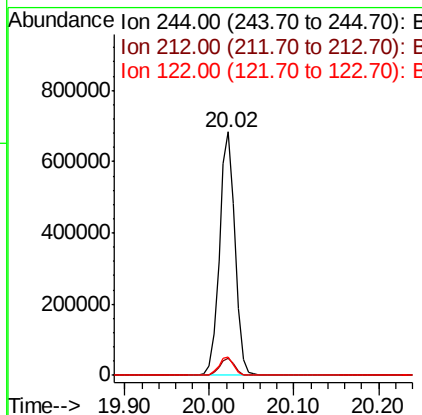
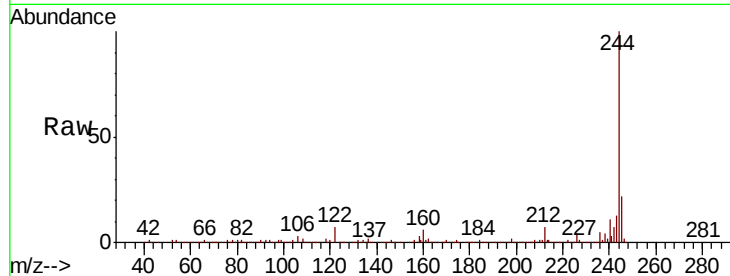
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion:	244	Resp:	876972
Ion Ratio		Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.3	6.7	10.1

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#80

Butylbenzylphthalate

Concen: 38.122 ng

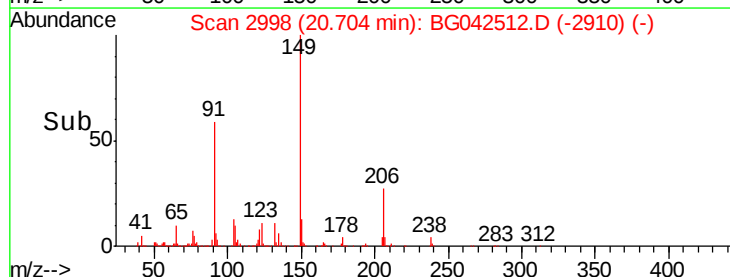
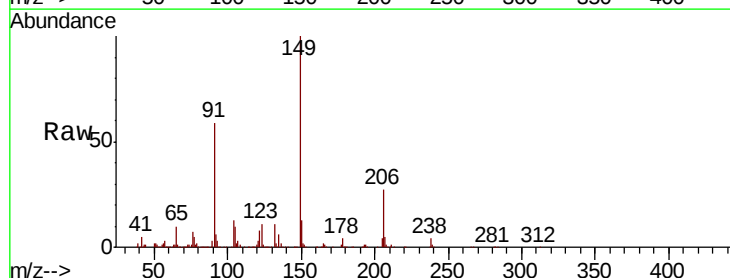
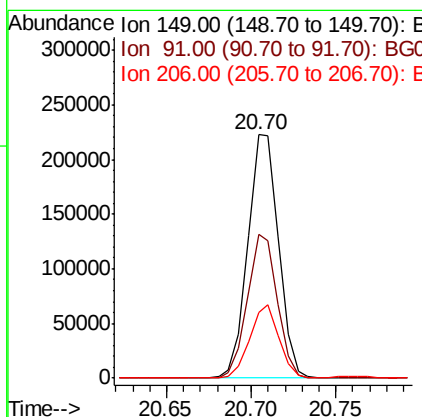
RT: 20.70 min Scan# 2998

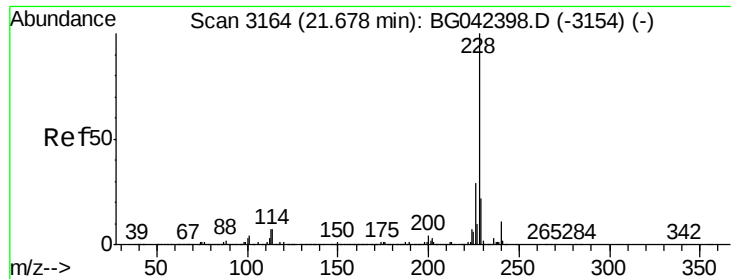
Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	149	Resp:	282858
Ion Ratio		Lower	Upper
149	100		
91	59.1	45.9	68.9
206	26.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.818 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

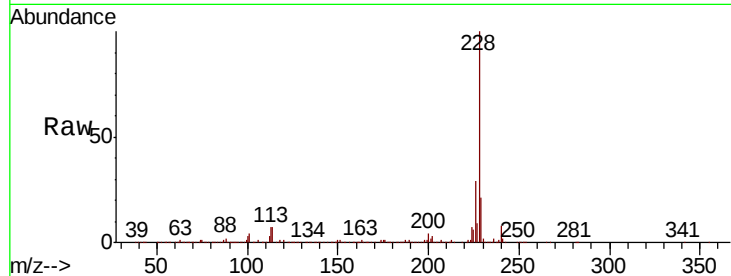
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

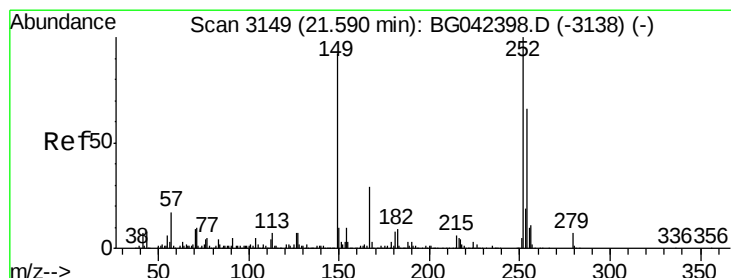
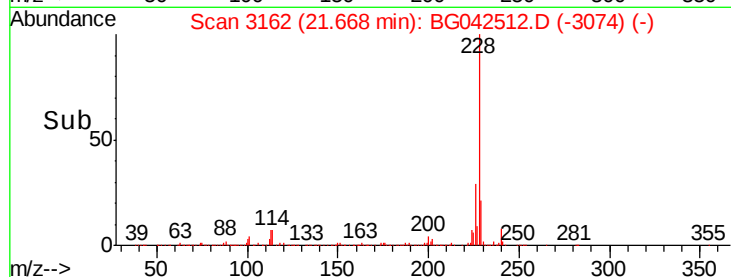
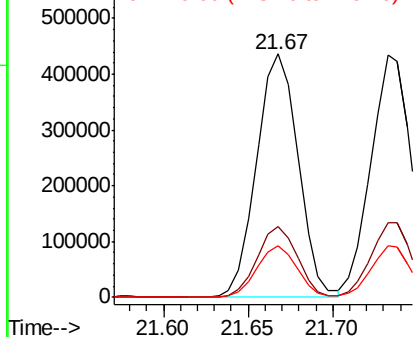
Tot Ion:	228	Resp:	745309
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.2
229	21.1	17.4	26.2

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



#82

3,3'-Dichlorobenzidine

Concen: 28.278 ng

RT: 21.58 min Scan# 3147

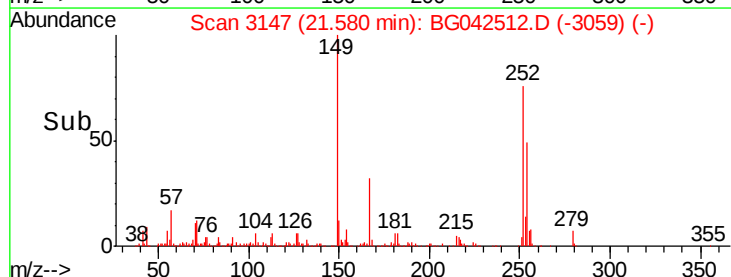
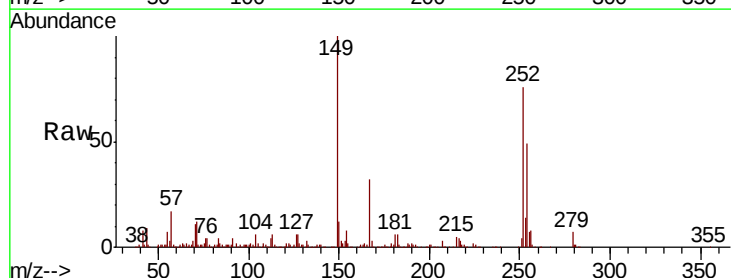
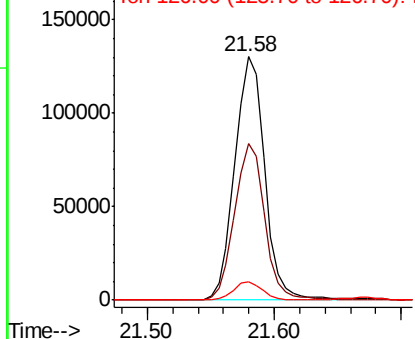
Delta R.T. -0.01 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion:	252	Resp:	212877
Ion Ratio	Lower	Upper	
252	100		
254	64.1	53.0	79.4
126	7.3	5.7	8.5

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





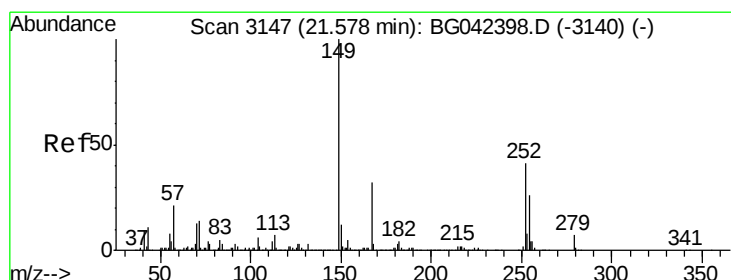
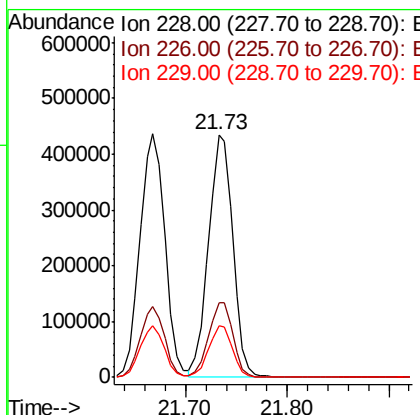
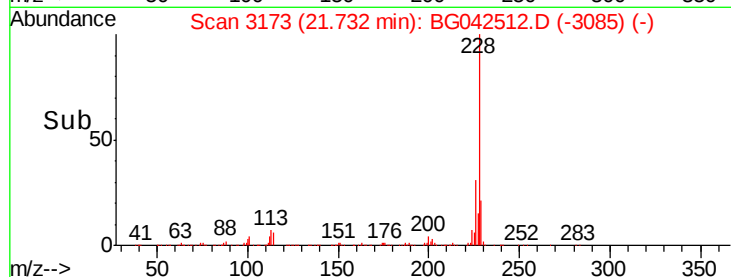
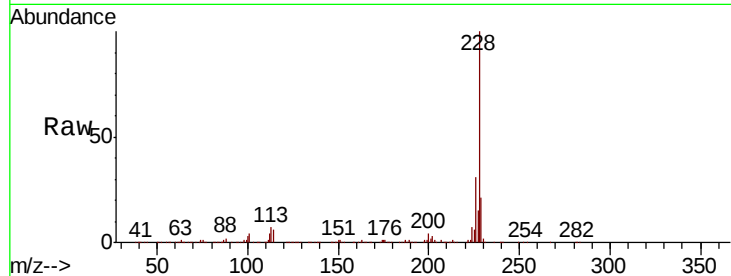
#83
Chrysene
Concen: 39.915 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.2	16.9	25.3

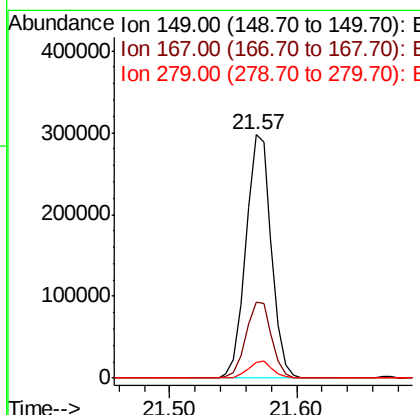
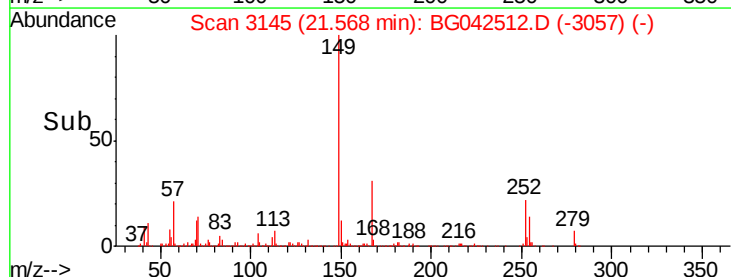
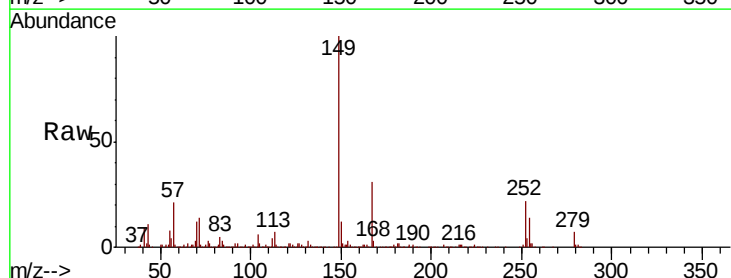
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.142 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	26.0	39.0
279	6.5	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 40.320 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Instrument :

BNA_G

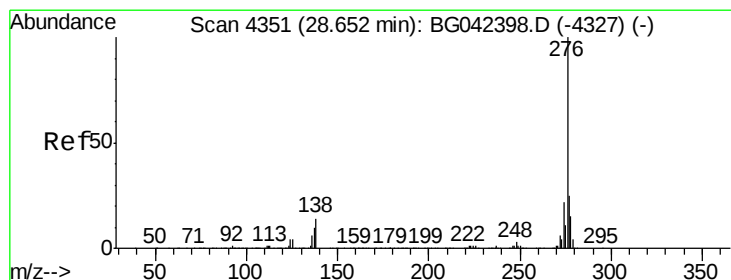
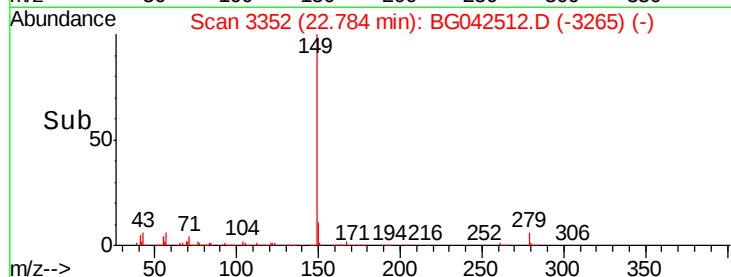
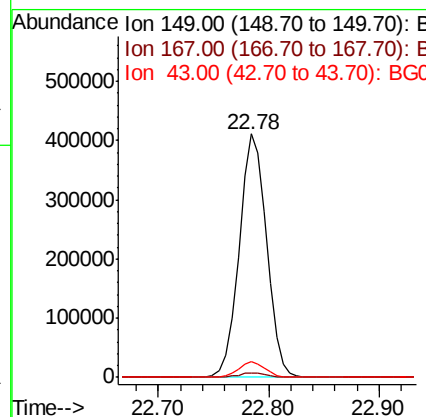
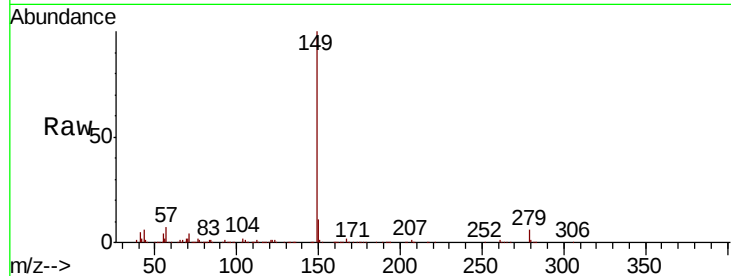
ClientSampleId :

S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	714416		
167	1.8		1.6	2.4
43	6.1		5.3	7.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.486 ng

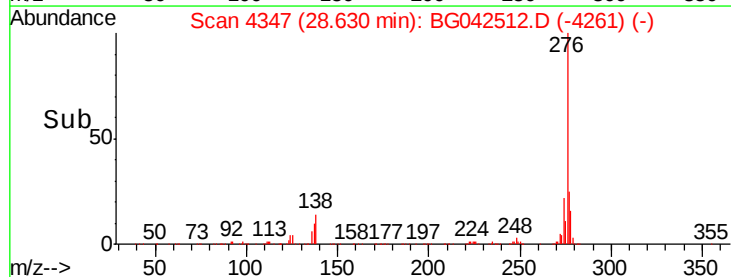
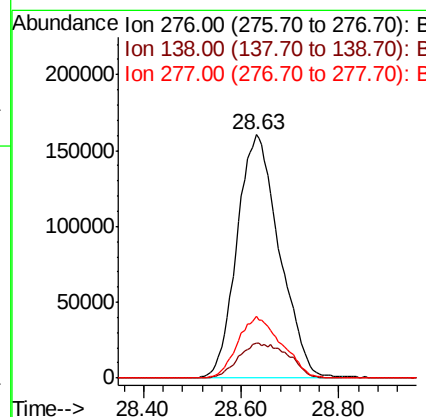
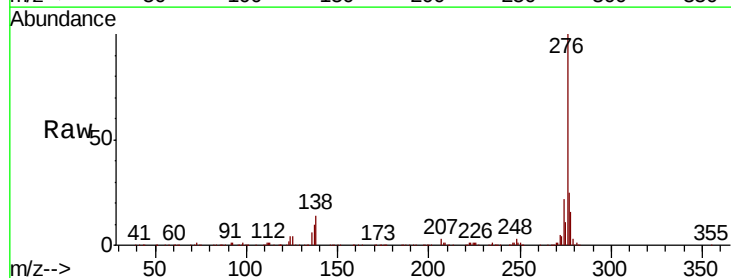
RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

Lab File: BG042512.D

Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	968663		
138	16.9		9.2	13.8#
277	26.2		21.0	31.6





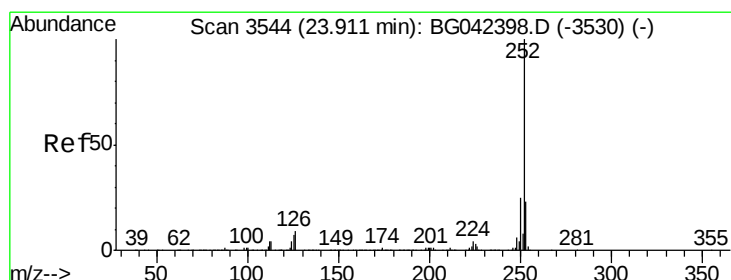
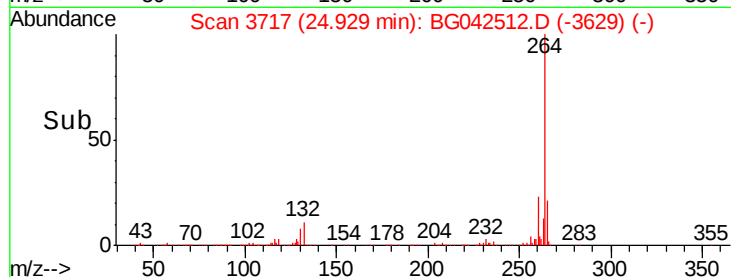
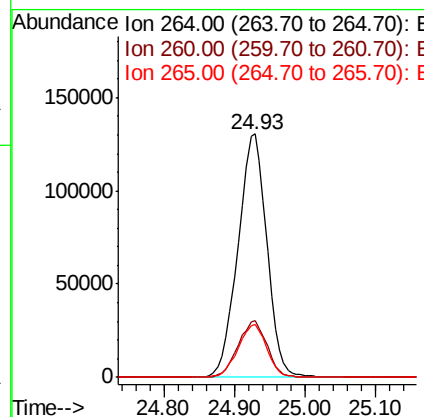
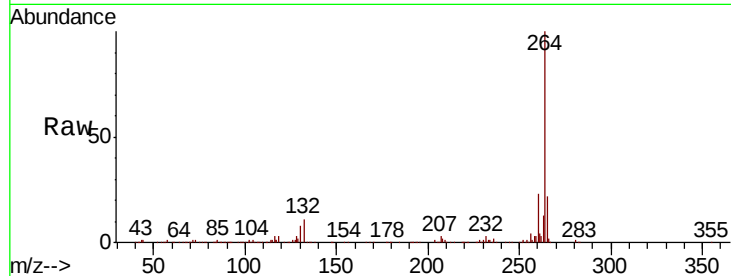
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.6	26.4

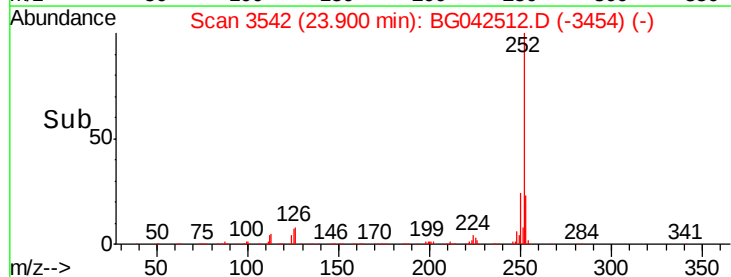
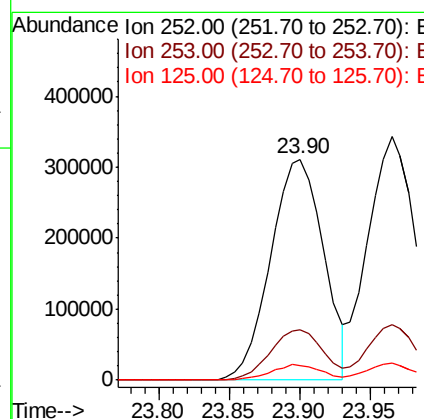
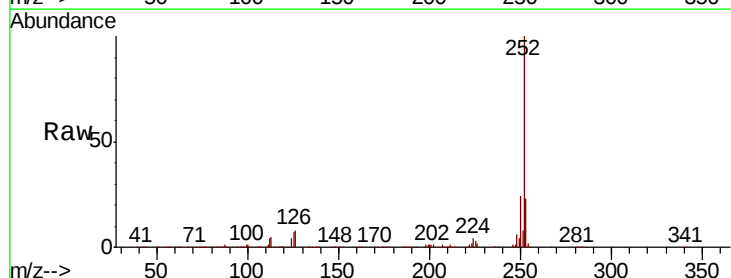
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#88
 Benzo(b)fluoranthene
 Concen: 39.882 ng
 RT: 23.90 min Scan# 3542
 Delta R.T. -0.01 min
 Lab File: BG042512.D
 Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.7	5.6	8.4





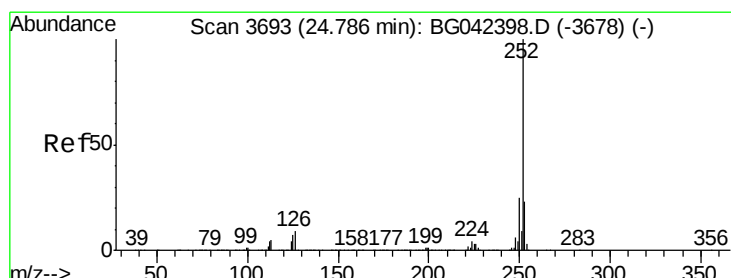
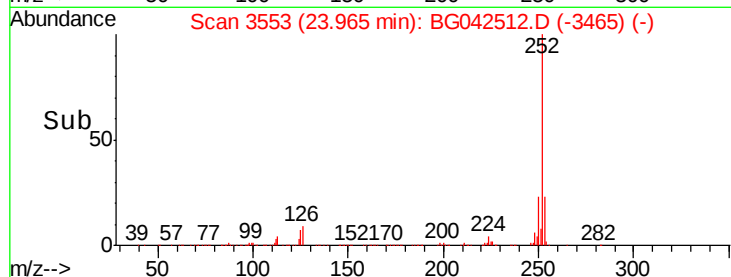
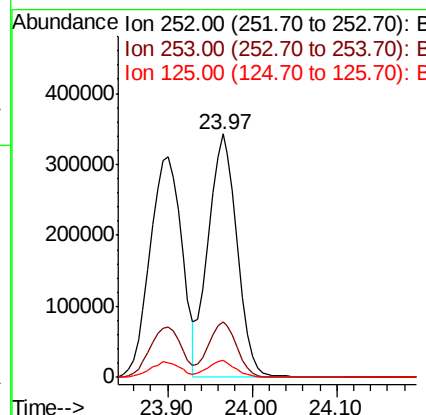
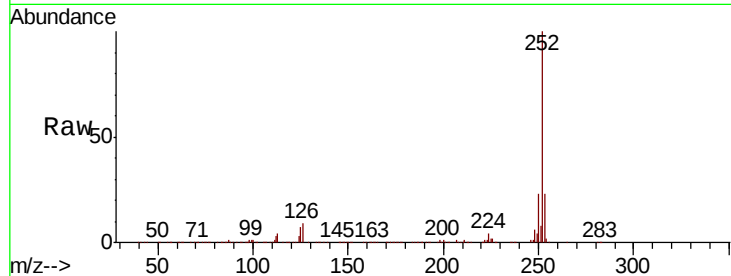
#89
Benzo(k)fluoranthene
Concen: 41.531 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	6.9	5.8	8.6

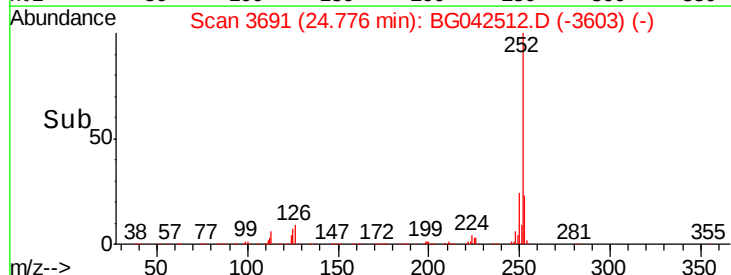
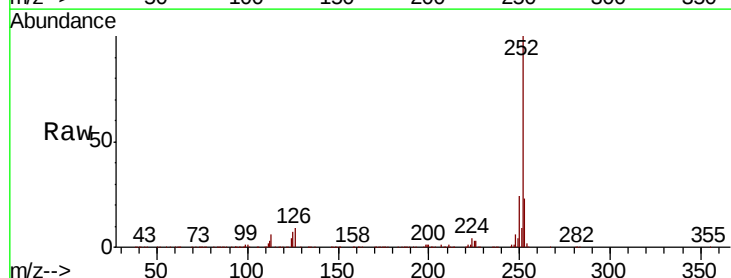
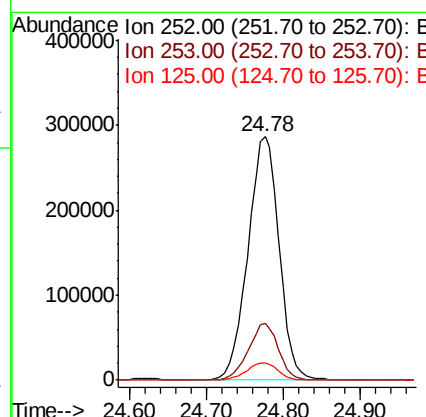
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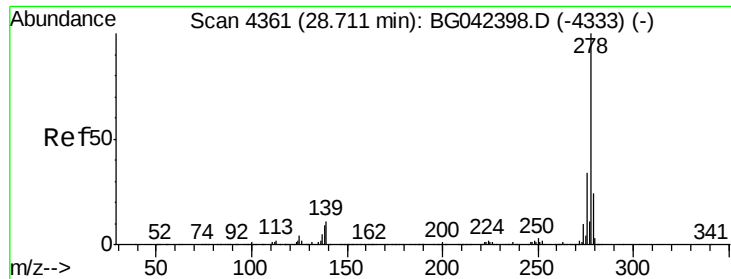
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#90
Benzo(a)pyrene
Concen: 41.809 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	7.0	6.0	9.0





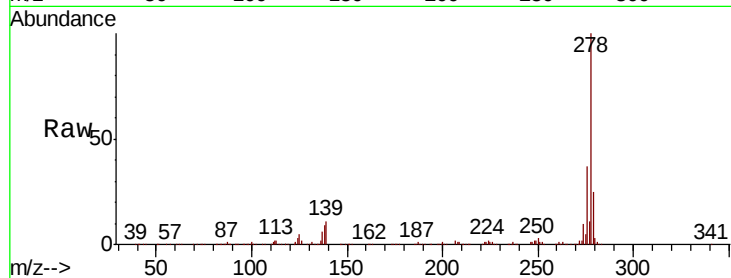
#91
Dibenzo(a,h)anthracene
Concen: 40.814 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MSD

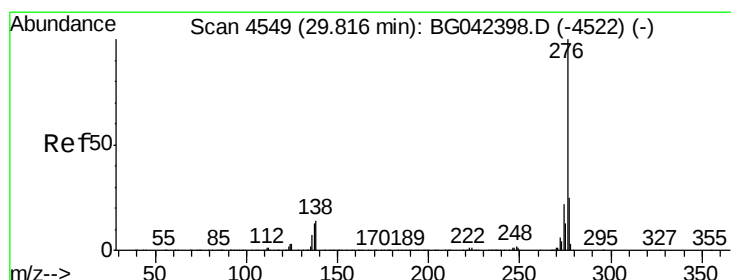
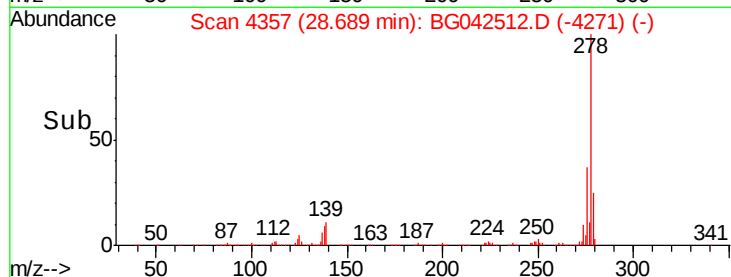
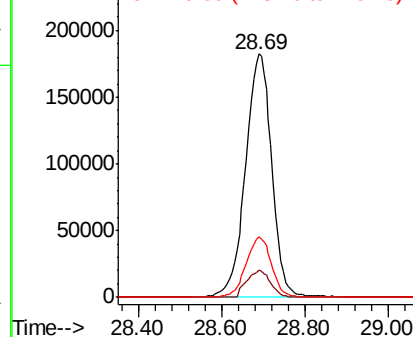
Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.8	13.2
279	24.8	19.1	28.7

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



#92
Benzo(g,h,i)perylene
Concen: 41.169 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042512.D
Acq: 27 Aug 2019 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	14.2	11.4	17.0

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

