

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042511.D
 Acq On : 27 Aug 2019 19:30
 Operator : HP/JU
 Sample : K4551-18MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:58:17 AM

Quant Time: Aug 28 02:19:15 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	7.99	152	33217	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	127287	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97880	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	243333	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	303549	20.00	ng	-0.01
87) Perylene-d12	24.93	264	361024	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	102757	62.65	ng	0.00
7) Phenol-d6	7.16	99	140711	63.51	ng	-0.01
23) Nitrobenzene-d5	9.16	82	79844	43.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	89351	64.23	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	242636	41.93	ng	0.00
79) Terphenyl-d14	20.02	244	543284	38.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	12046	17.600	ng	98
3) Pyridine	3.83	79	23415	13.341	ng	97
4) n-Nitrosodimethylamine	3.74	42	10723	17.106	ng	99
6) Aniline	7.31	93	43684	14.784	ng	98
8) 2-Chlorophenol	7.56	128	42084	21.172	ng	99
9) Benzaldehyde	7.13	77	23726	21.392	ng	93
10) Phenol	7.19	94	55122	24.471	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	33801	19.107	ng	97
12) 1,3-Dichlorobenzene	7.89	146	47657	18.847	ng	96
13) 1,4-Dichlorobenzene	8.03	146	48190	18.815	ng	98
14) 1,2-Dichlorobenzene	8.36	146	46990	19.158	ng	98
15) Benzyl Alcohol	8.24	79	29266	18.362	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	45418	18.942	ng	98
17) 2-Methylphenol	8.45	107	34934	21.056	ng	94
18) Hexachloroethane	9.09	117	16325	18.618	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	28275	19.700	ng	96
20) 3+4-Methylphenols	8.78	107	47500	20.690	ng	96
22) Acetophenone	8.82	105	60926	22.379	ng	# 100
24) Nitrobenzene	9.21	77	39502	21.178	ng	96
25) Isophorone	9.73	82	80016	22.012	ng	99
26) 2-Nitrophenol	9.93	139	26503	22.674	ng	91
27) 2,4-Dimethylphenol	9.99	122	41680	25.886	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	48792	21.296	ng	99
29) 2,4-Dichlorophenol	10.48	162	49143	23.328	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	53252	20.594	ng	97
31) Naphthalene	10.87	128	131032	22.173	ng	98
33) 4-Chloroaniline	10.98	127	43538	15.959	ng	97
34) Hexachlorobutadiene	11.16	225	35213	20.263	ng	98
35) Caprolactam	11.74	113	14401m	20.487	ng	
36) 4-Chloro-3-methylphenol	12.11	107	47412	23.708	ng	95
37) 2-Methylnaphthalene	12.48	142	107362	22.626	ng	99
38) 1-Methylnaphthalene	12.70	142	102391	22.717	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	69957	22.256	ng	100
41) Hexachlorocyclopentadiene	12.83	237	65755	39.824	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	47347	22.285	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	52032	23.632	ng	97
46) 1,1'-Biphenyl	13.49	154	144057	22.768	ng	98
47) 2-Chloronaphthalene	13.53	162	117665	21.568	ng	99
48) 2-Nitroaniline	13.73	65	27232	20.700	ng	96
49) Acenaphthylene	14.37	152	190654	23.229	ng	99
50) Dimethylphthalate	14.10	163	184799	26.167	ng	99
51) 2,6-Dinitrotoluene	14.23	165	37733	23.050	ng	90
52) Acenaphthene	14.72	154	110288	22.129	ng	98
53) 3-Nitroaniline	14.56	138	27975	17.087	ng	92
54) 2,4-Dinitrophenol	14.79	184	7631	12.635	ng	94
55) Dibenzofuran	15.06	168	197573	23.949	ng	96
56) 4-Nitrophenol	14.89	139	52563	45.183	ng	99
57) 2,4-Dinitrotoluene	15.02	165	54549	23.270	ng	96
58) Fluorene	15.70	166	162334	24.072	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	47039	21.604	ng	# 88
60) Diethylphthalate	15.47	149	162781	23.578	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	92291	22.703	ng	96
62) 4-Nitroaniline	15.72	138	41491	23.680	ng	95
63) Azobenzene	15.99	77	111515	23.573	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	17693	11.597	ng	96
66) n-Nitrosodiphenylamine	15.91	169	151276	22.606	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	65085	21.087	ng	98
68) Hexachlorobenzene	16.72	284	70695	21.070	ng	97
69) Atrazine	16.86	200	59767	25.256	ng	100
70) Pentachlorophenol	17.07	266	38149	21.883	ng	94
71) Phenanthrene	17.45	178	288387	23.860	ng	99
72) Anthracene	17.54	178	292328	24.227	ng	98
73) Carbazole	17.81	167	270896	25.190	ng	98
74) Di-n-butylphthalate	18.37	149	320605	25.220	ng	99
75) Fluoranthene	19.46	202	407559	27.629	ng	96
77) Benzidine	19.64	184	153908	17.685	ng	97
78) Pyrene	19.83	202	417594	22.439	ng	97
80) Butylbenzylphthalate	20.71	149	164491	22.472	ng	98
81) Benzo(a)anthracene	21.67	228	436717	23.650	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	130516	17.574	ng	97
83) Chrysene	21.73	228	426786	23.966	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240224	23.637	ng	97
85) Di-n-octyl phthalate	22.78	149	410707	23.496	ng	99
86) Indeno(1,2,3-cd)pyrene	28.62	276	544768	22.510	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	473865	23.875	ng	98
89) Benzo(k)fluoranthene	23.96	252	463399	24.290	ng	98
90) Benzo(a)pyrene	24.77	252	462723	24.569	ng	100
91) Dibenzo(a,h)anthracene	28.68	278	452125	23.709	ng	100
92) Benzo(g,h,i)perylene	29.78	276	454504	23.831	ng	97

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



#1

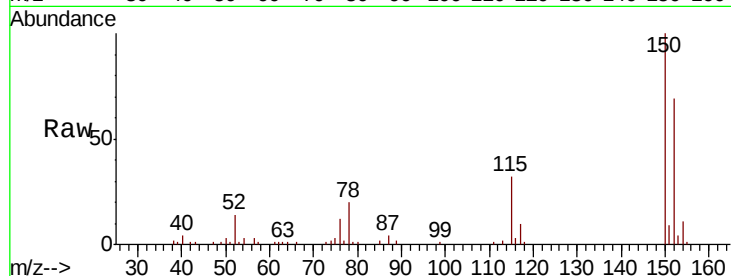
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	125.4	188.0
115	46.3	38.5	57.7

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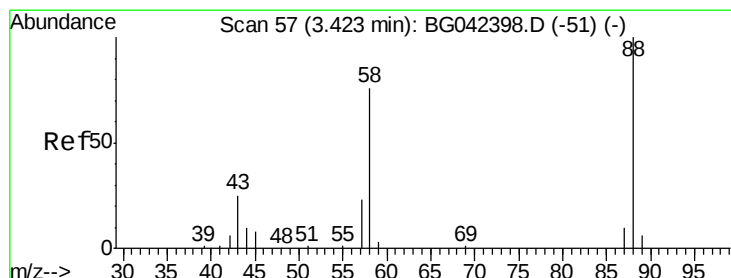
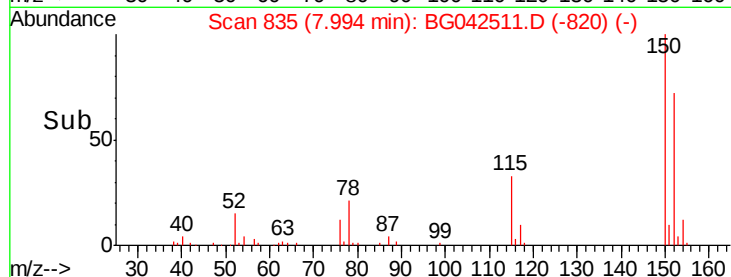
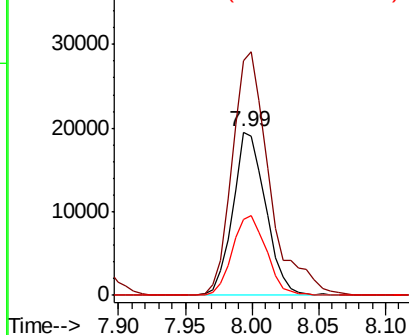


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

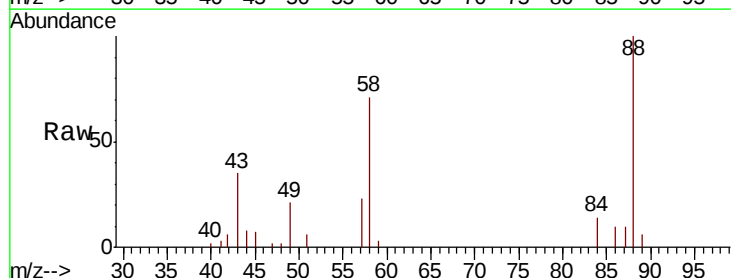
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.600 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.3	87.5
43	28.5	20.2	30.2

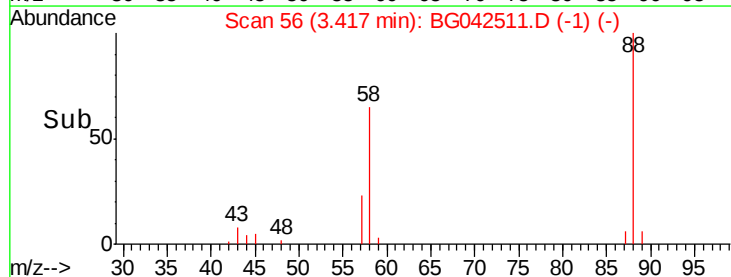
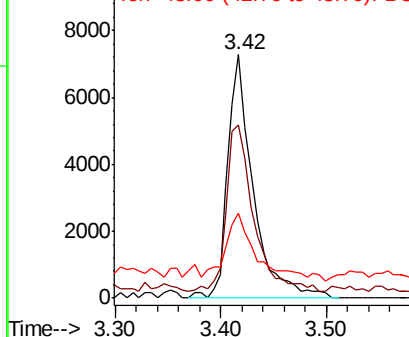


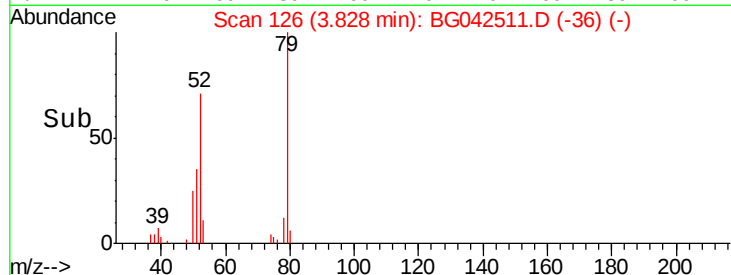
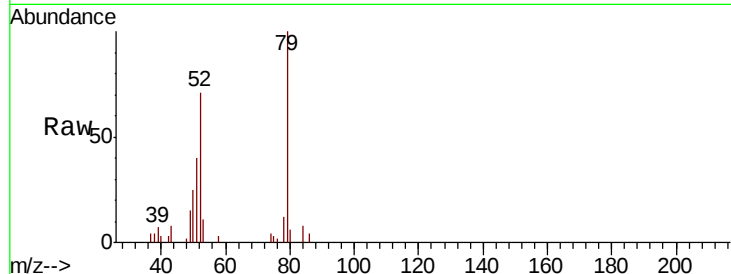
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





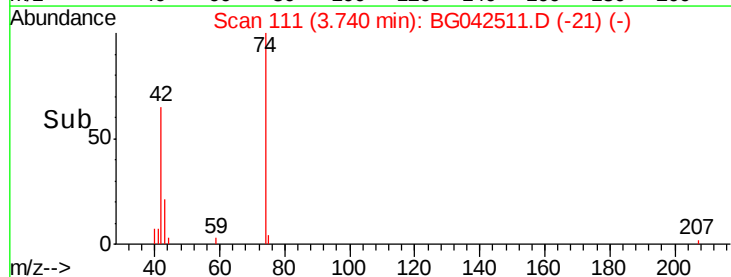
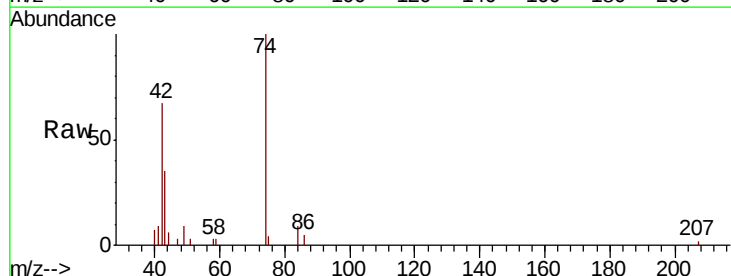
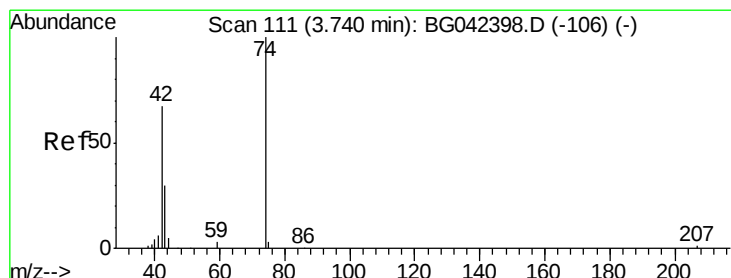
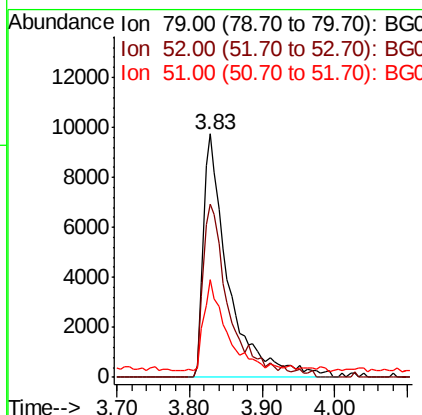
#3
 Pvridine
 Concen: 13.341 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.1	57.7	86.5
51	40.0	28.8	43.2

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 ClientSampleId :
 S402-K1-1.0-1.5-082619MS

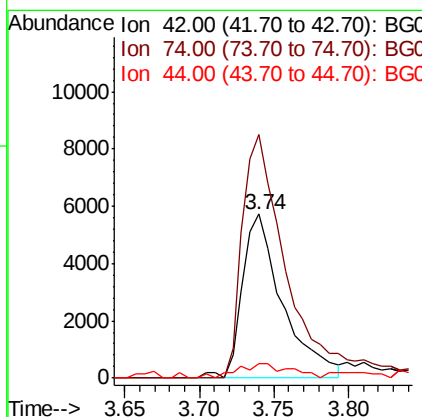
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#4
 n-Nitrosodimethylamine
 Concen: 17.106 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.8	119.6	179.4
44	9.2	6.5	9.7





#5

2-Fluorophenol

Concen: 62.653 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

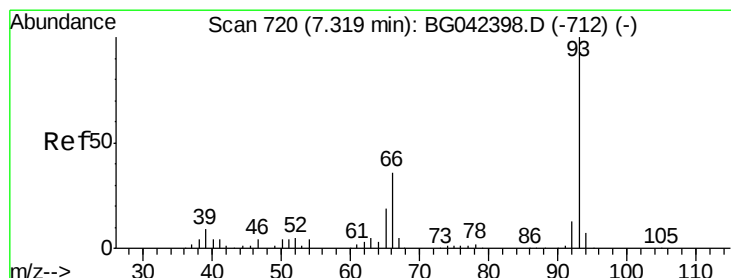
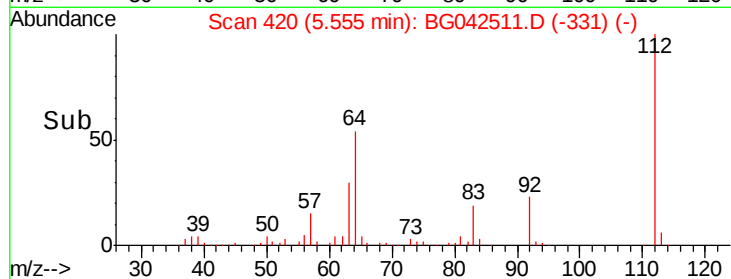
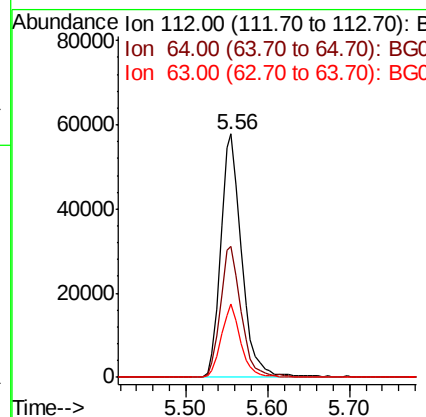
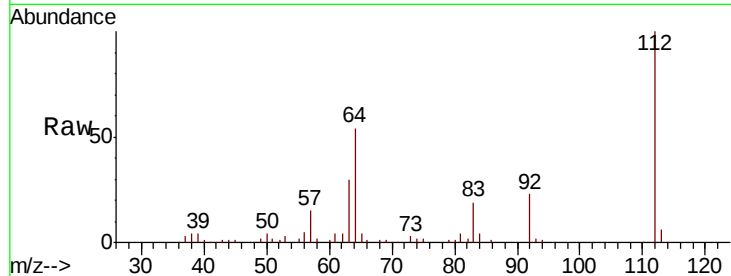
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	102757		
64	53.8	42.8	64.2	
63	29.9	22.7	34.1	

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#6

Aniline

Concen: 14.784 ng

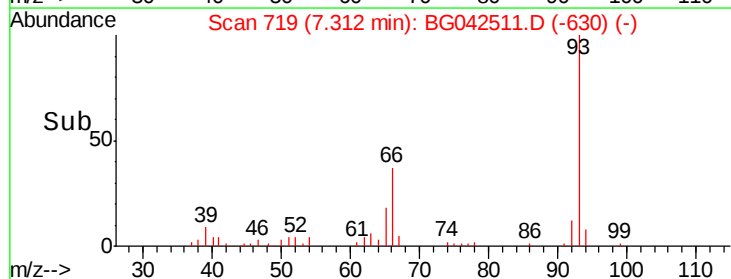
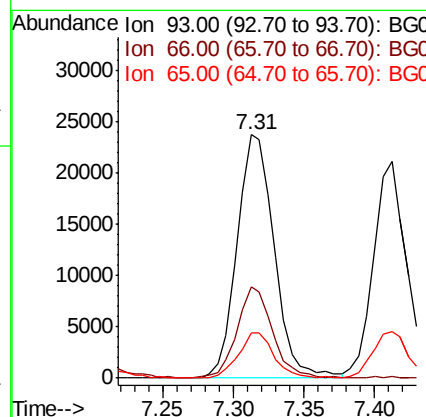
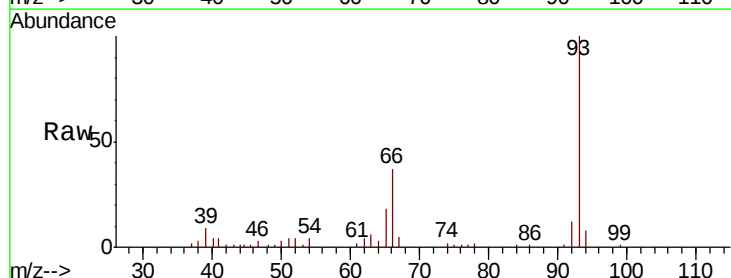
RT: 7.31 min Scan# 719

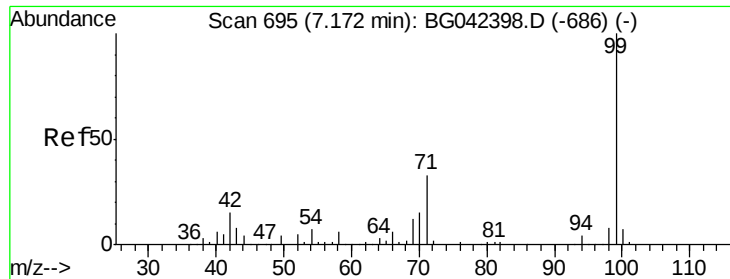
Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	43684		
66	37.3	29.0	43.6	
65	18.3	15.2	22.8	





#7

Phenol-d6

Concen: 63.514 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

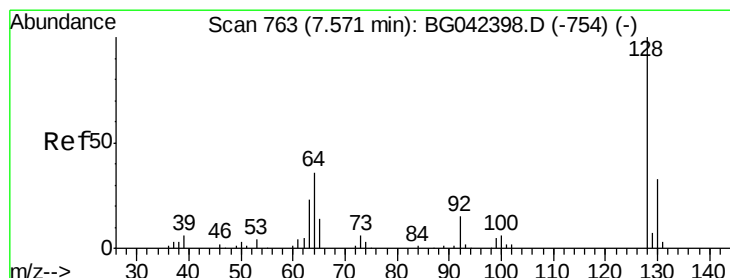
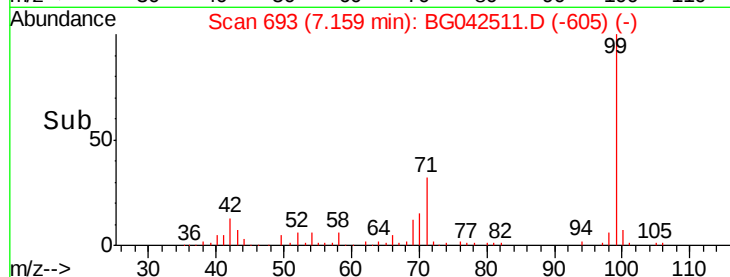
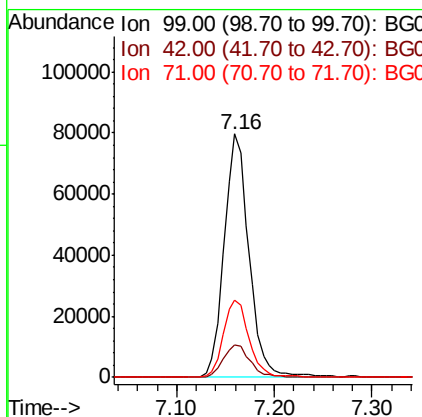
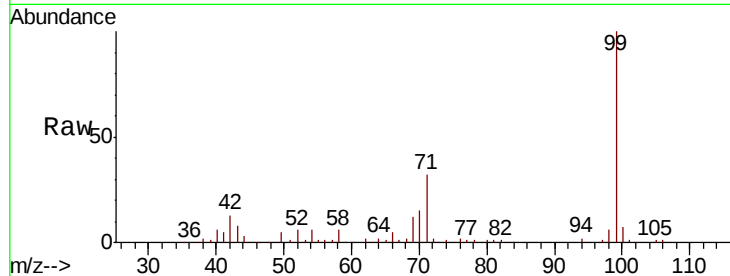
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		140711		
42	13.4	12.0	18.0		
71	31.8	26.3	39.5		

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#8

2-Chlorophenol

Concen: 21.172 ng

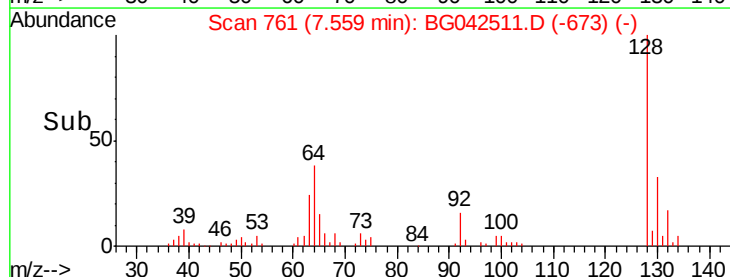
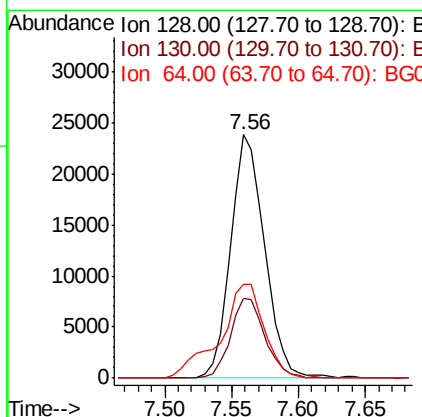
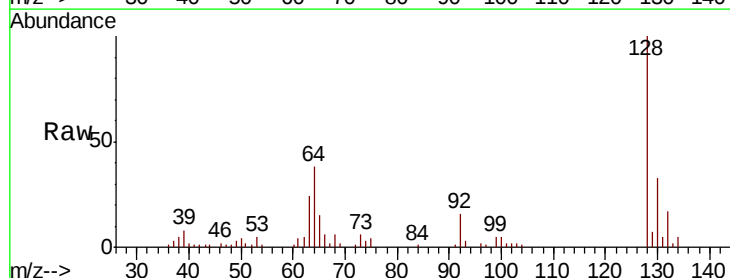
RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		42084		
130	32.5	12.8	52.8		
64	38.4	19.2	59.2		





#9

Benzaldehyde

Concen: 21.392 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

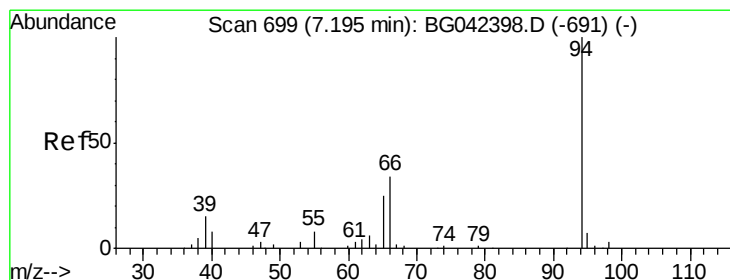
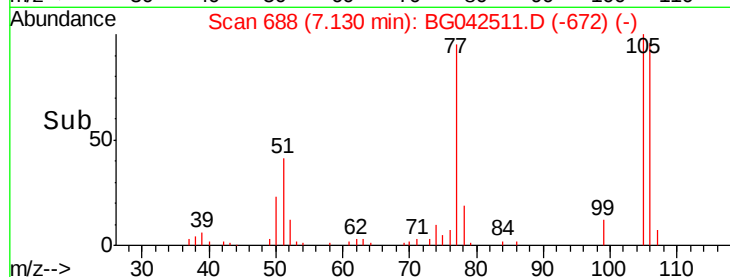
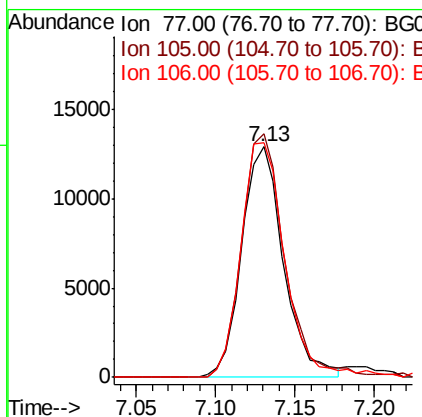
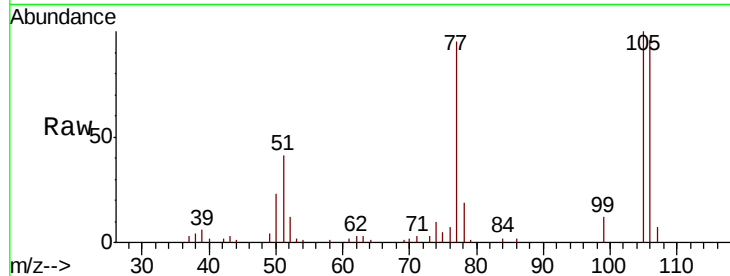
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:	77	Resp:	23726
Ion	Ratio	Lower	Upper
77	100		
105	105.7	93.4	133.4
106	101.9	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 24.471 ng

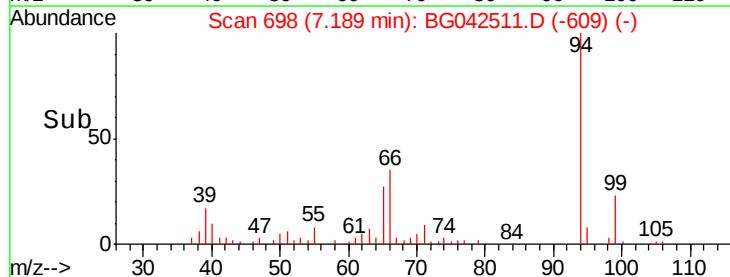
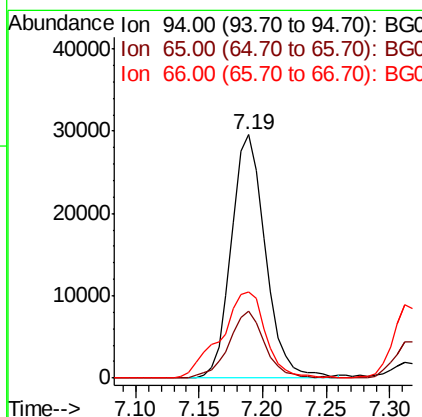
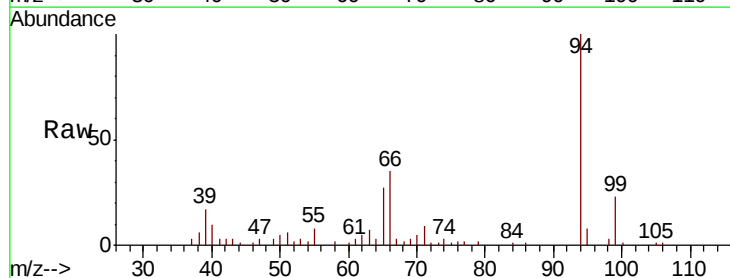
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	94	Resp:	55122
Ion	Ratio	Lower	Upper
94	100		
65	27.3	5.6	45.6
66	35.3	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 19.107 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

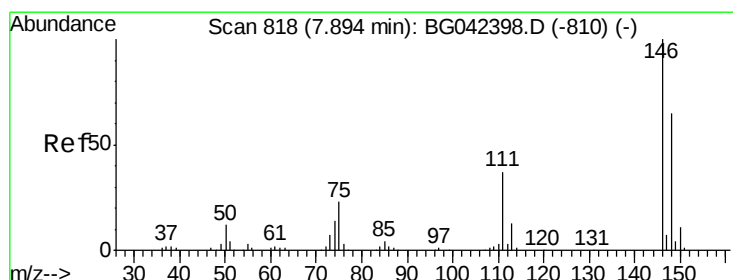
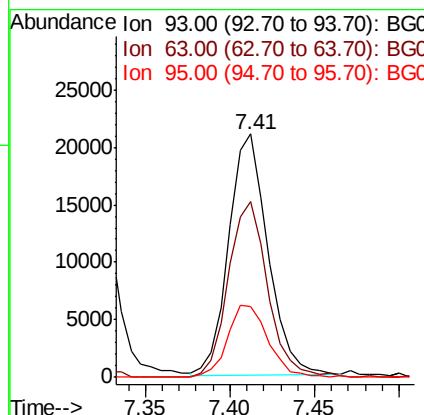
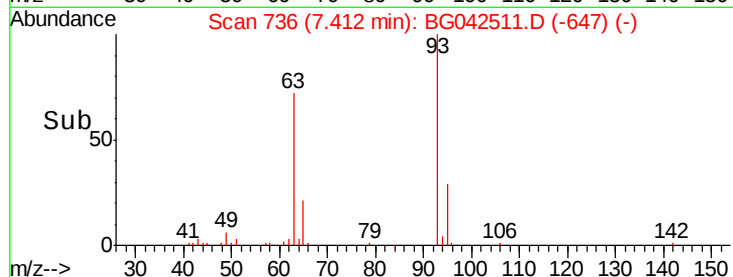
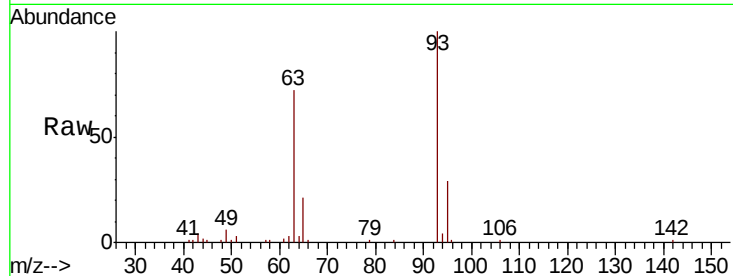
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:	93	Resp:	33801
Ion	Ratio	Lower	Upper
93	100		
63	72.3	53.8	93.8
95	29.2	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 18.847 ng

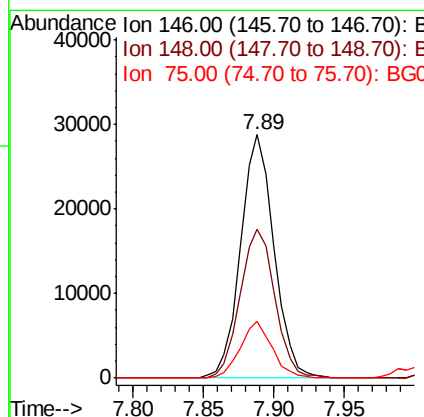
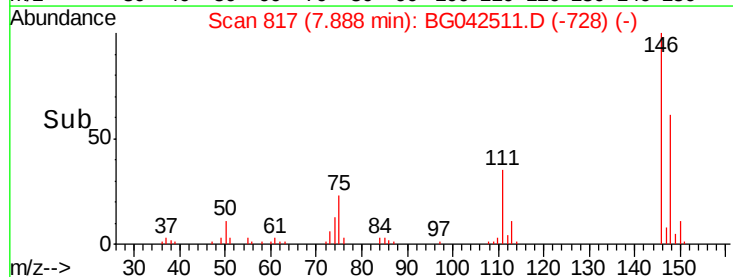
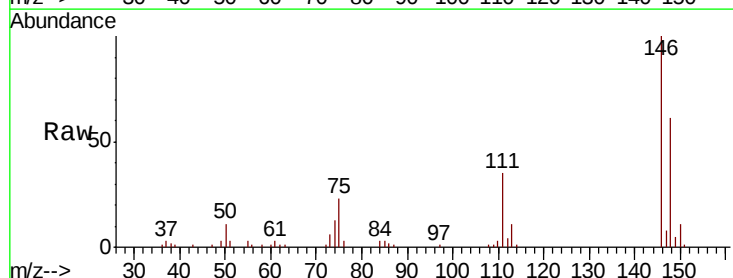
RT: 7.89 min Scan# 817

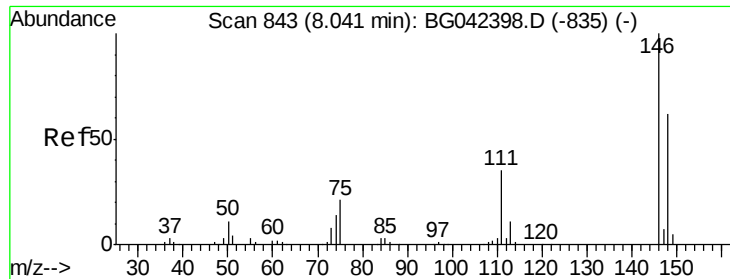
Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	146	Resp:	47657
Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.2	78.2
75	23.4	18.0	27.0





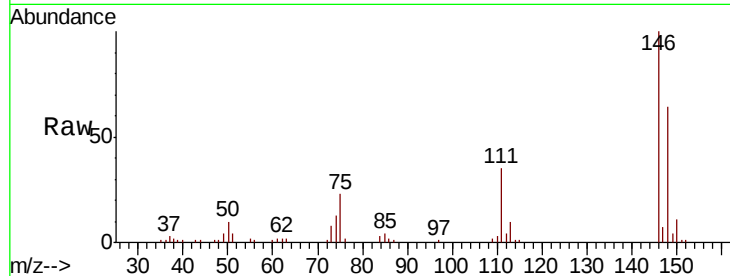
#13
 1,4-Dichlorobenzene
 Concen: 18.815 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.5	74.3
111	35.4	28.1	42.1

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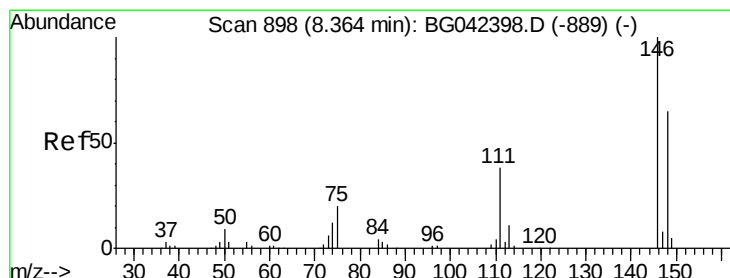
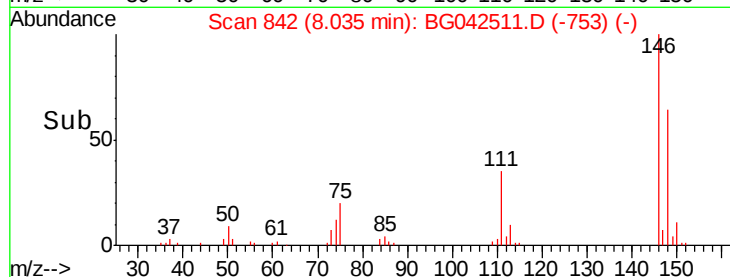
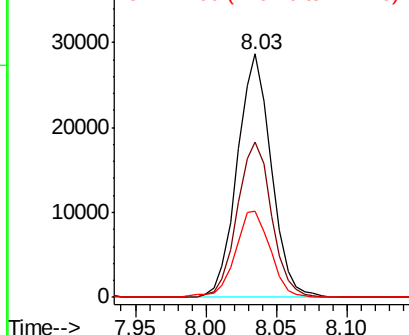


Abundance

Ion 146.00 (145.70 to 146.70): E

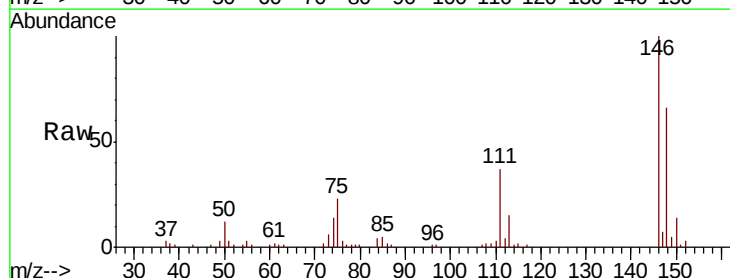
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 19.158 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
111	36.8	30.9	46.3

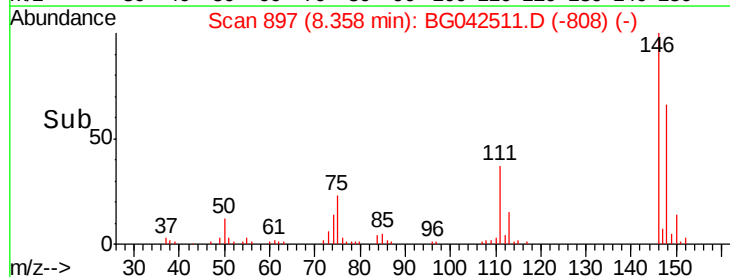
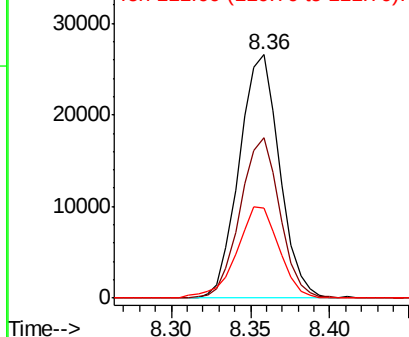


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.362 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

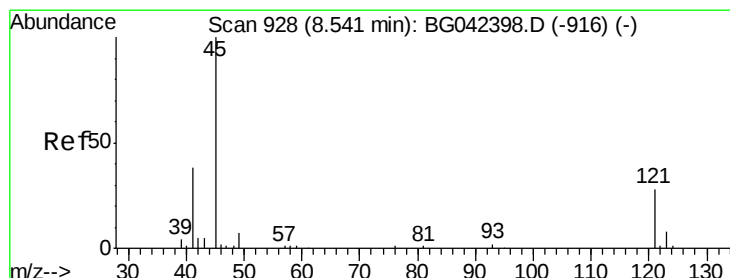
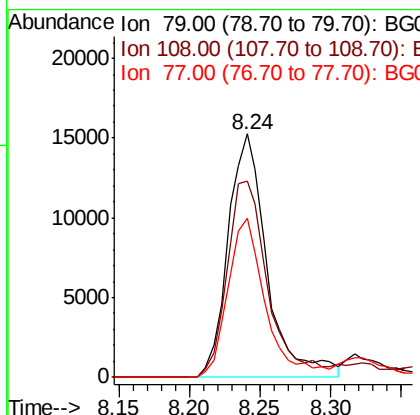
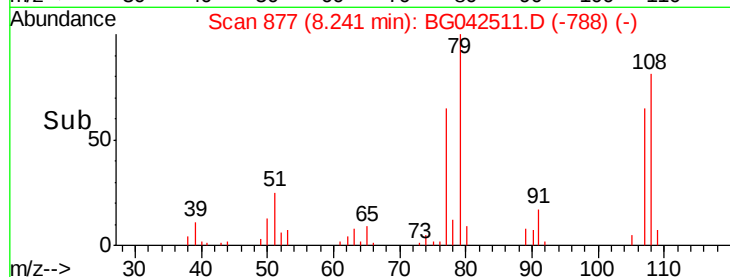
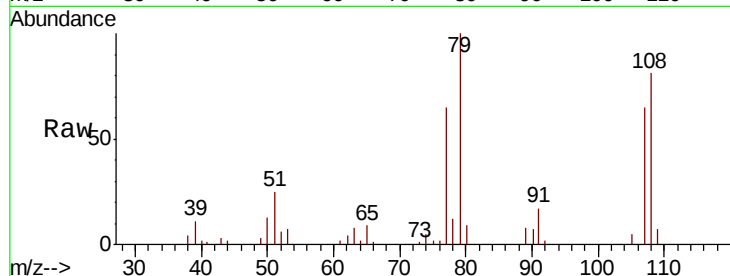
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:	79	Resp:	29266
Ion	Ratio	Lower	Upper
79	100		
108	80.8	67.4	101.2
77	65.1	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.942 ng

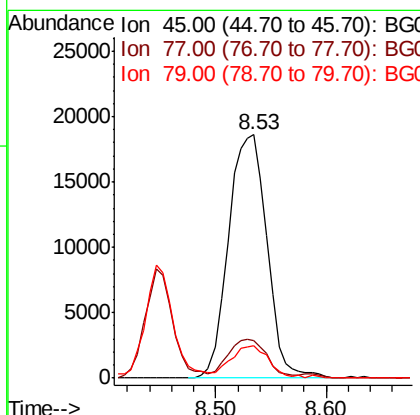
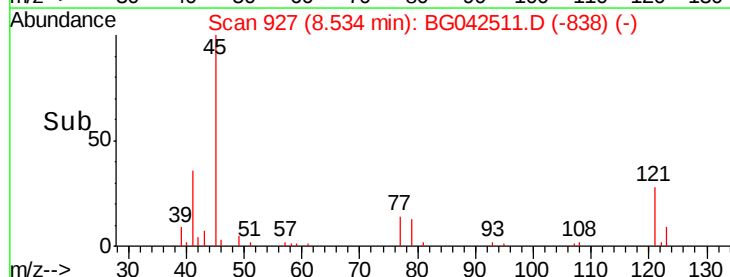
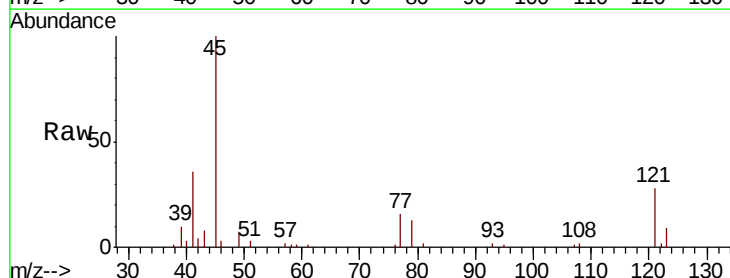
RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	45	Resp:	45418
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.6
79	13.1	0.0	31.6





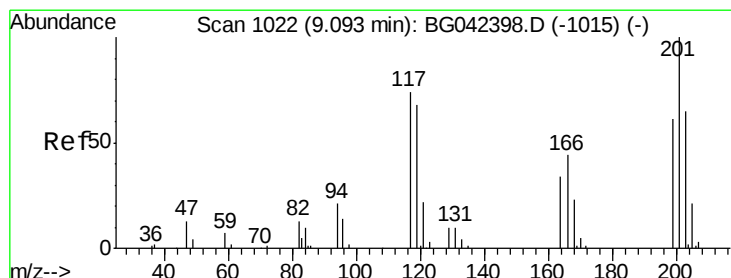
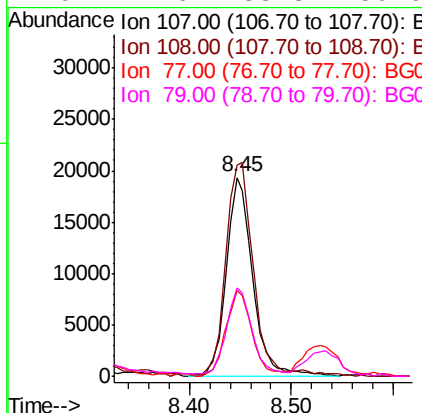
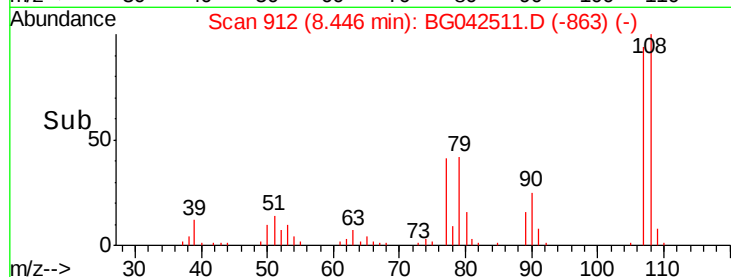
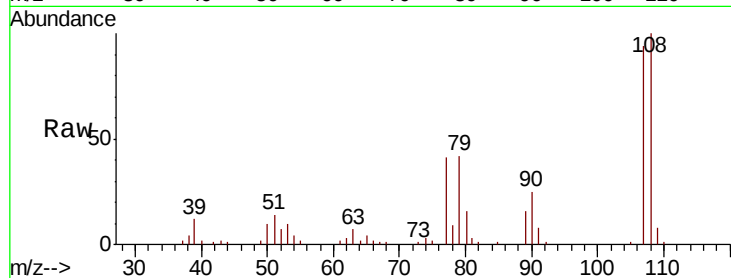
#17
2-Methylphenol
Concen: 21.056 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion:	107	Resp:	34934
Ion	Ratio	Lower	Upper
107	100		
108	106.2	92.9	139.3
77	43.1	34.4	51.6
79	44.6	33.8	50.6

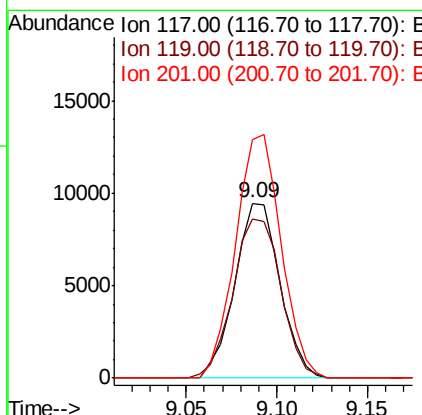
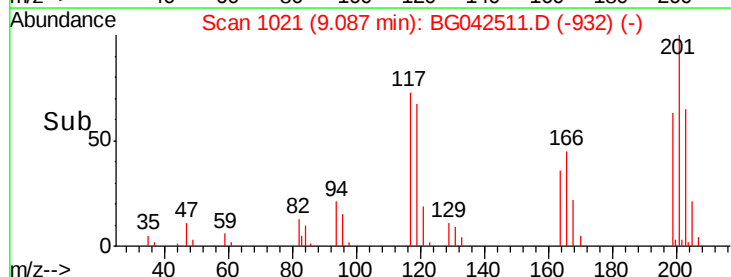
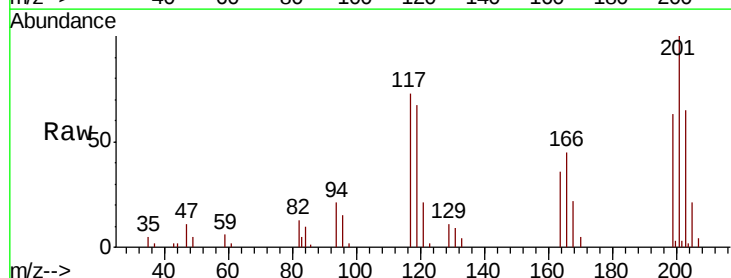
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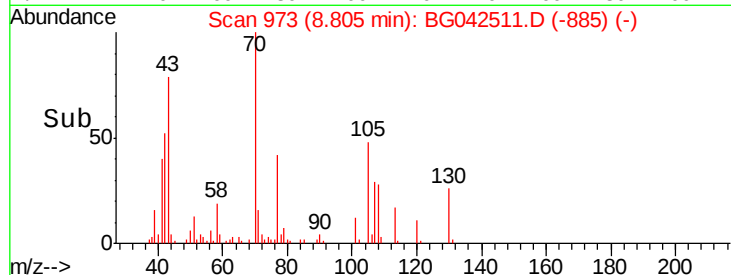
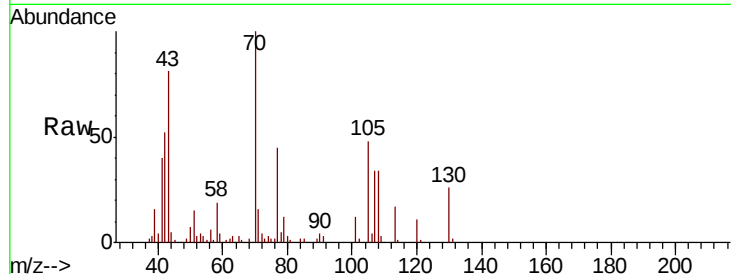
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#18
Hexachloroethane
Concen: 18.618 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:	117	Resp:	16325
Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.8	110.8
201	136.9	108.3	162.5





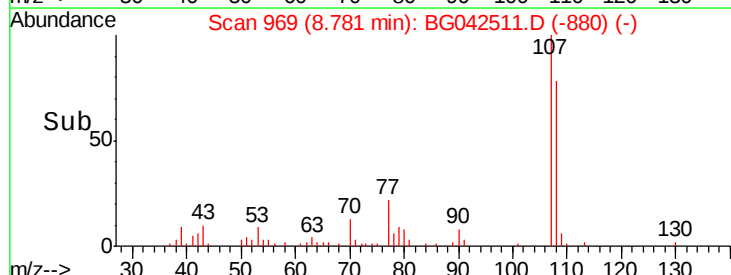
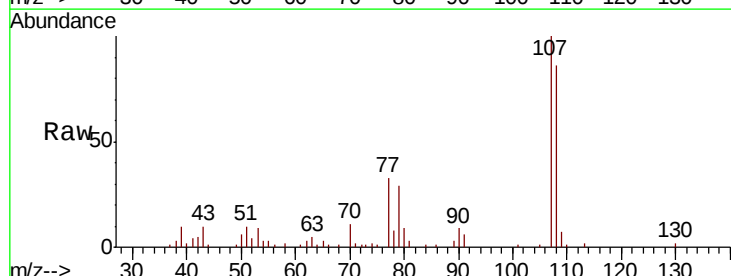
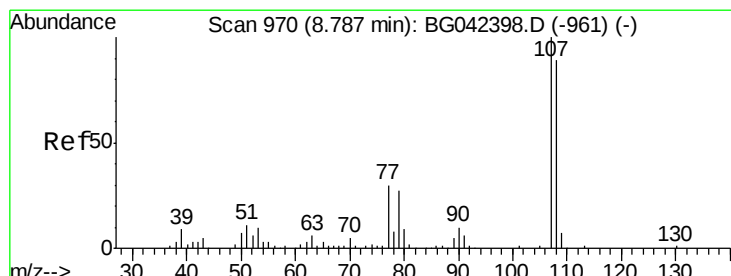
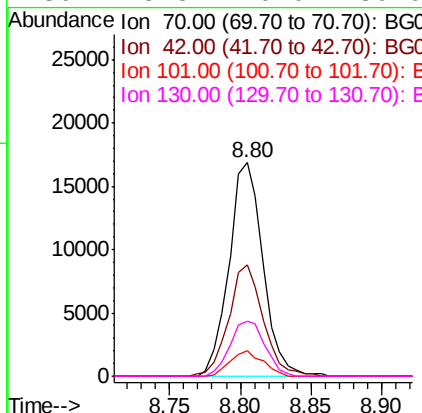
#19
n-Nitroso-di-n-propylamine
Concen: 19.700 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.1	38.8	58.2	
101	12.0	9.0	13.6	
130	25.8	20.0	30.0	

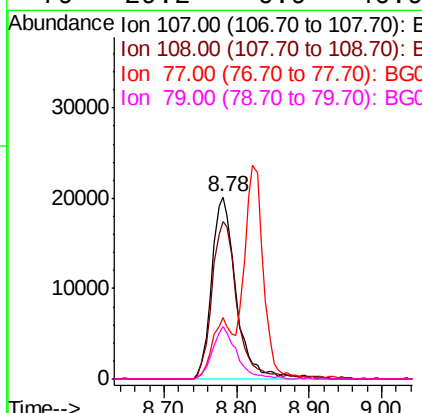
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#20
3+4-Methylphenols
Concen: 20.690 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	68.7	108.7	
77	33.4	10.2	50.2	
79	29.2	6.9	46.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

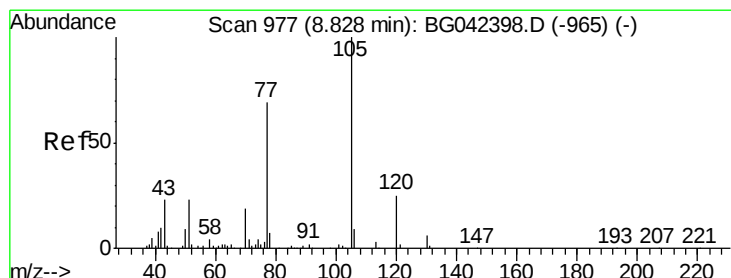
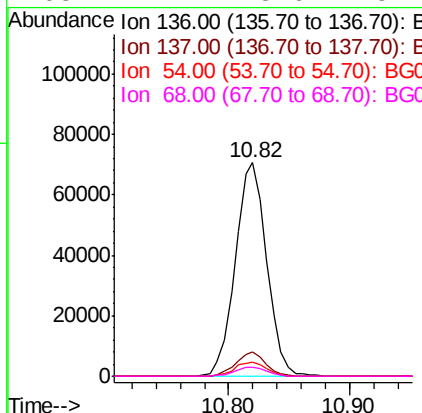
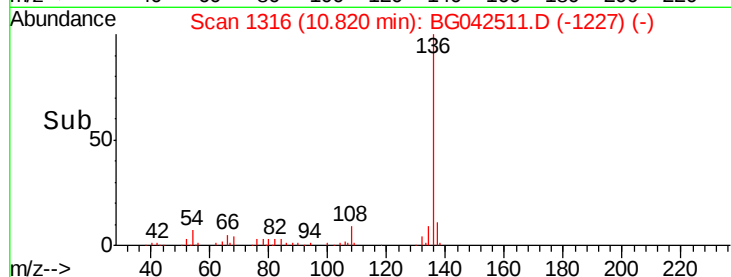
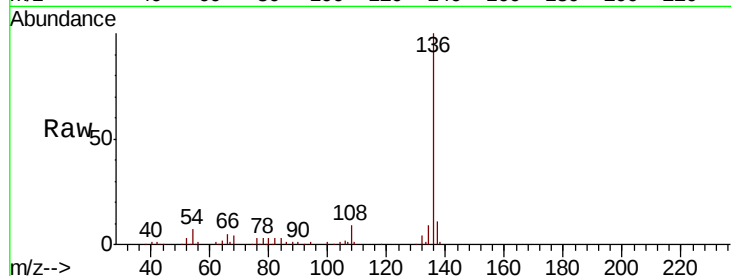
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	127287		
137	11.3	8.7	13.1	
54	6.8	4.9	7.3	
68	4.4	3.6	5.4	

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#22

Acetophenone

Concen: 22.379 ng

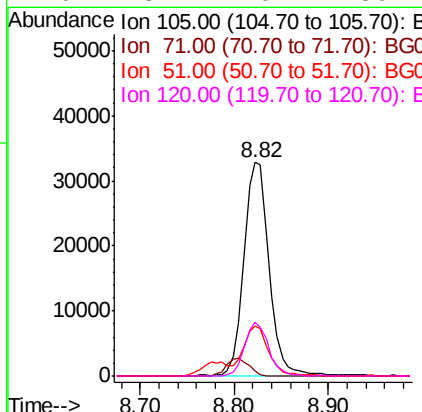
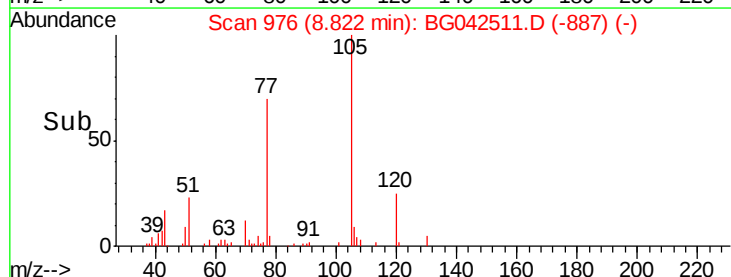
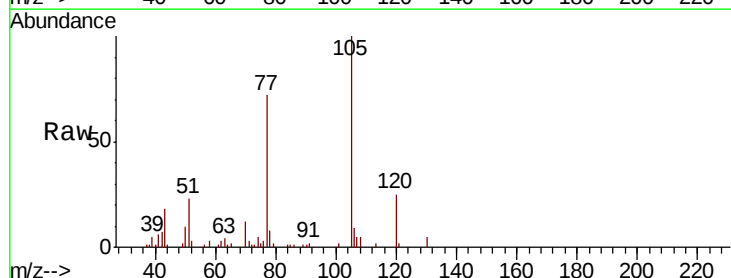
RT: 8.82 min Scan# 976

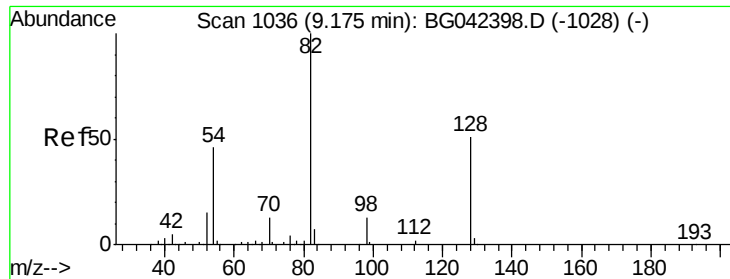
Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	60926		
71	2.6	2.8	4.2#	
51	23.5	18.7	28.1	
120	25.2	20.1	30.1	





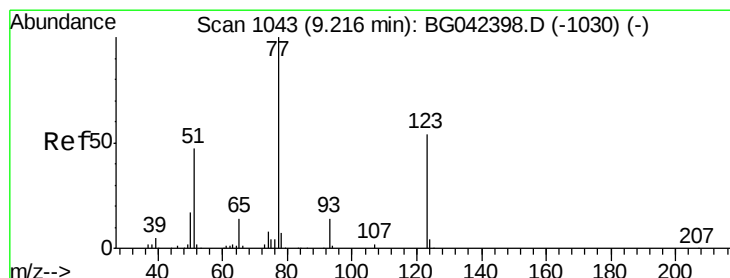
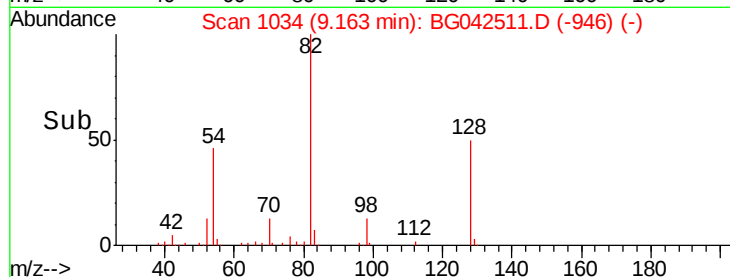
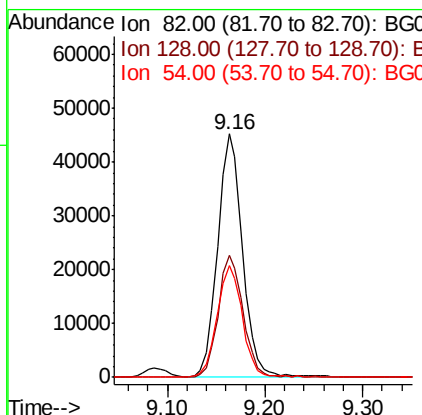
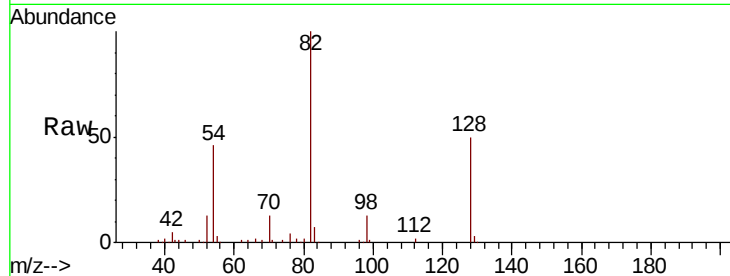
#23
Nitrobenzene-d5
Concen: 43.347 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.7	61.1
54	46.1	36.3	54.5

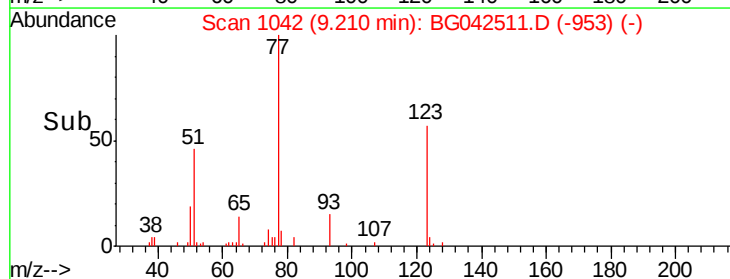
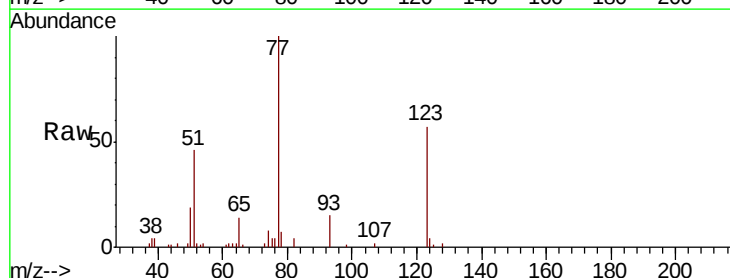
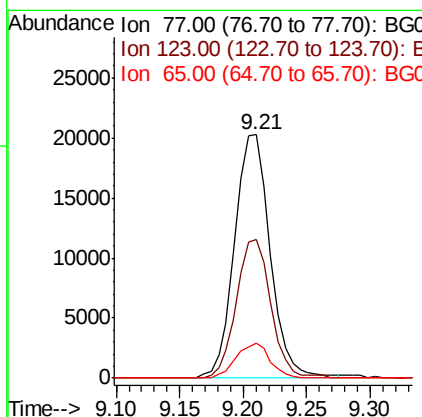
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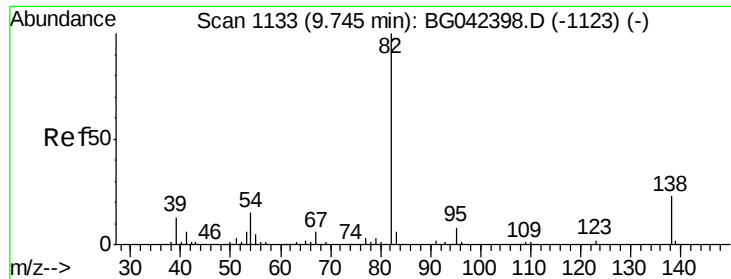
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#24
Nitrobenzene
Concen: 21.178 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.2	43.4	65.0
65	14.4	11.0	16.6





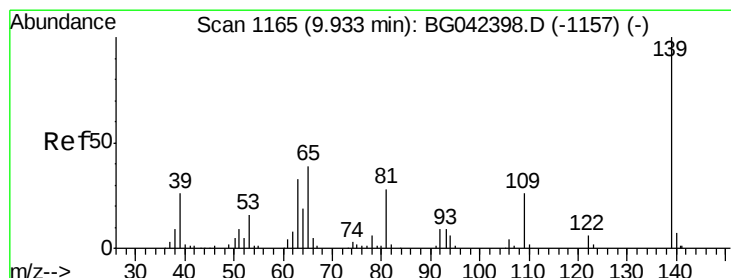
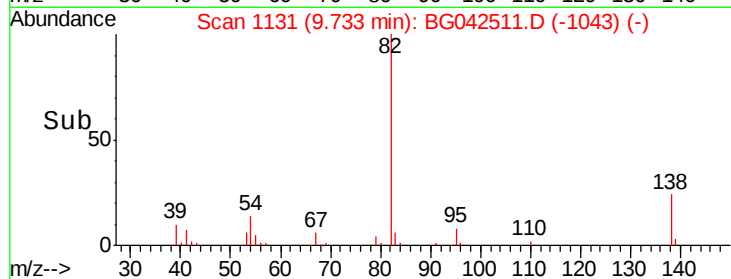
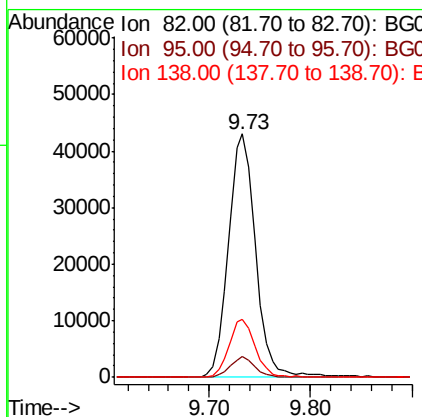
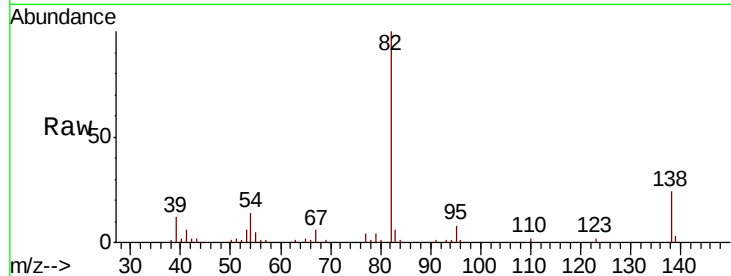
#25
Isophorone
Concen: 22.012 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3		6.6	9.8
138	24.0		18.6	27.8

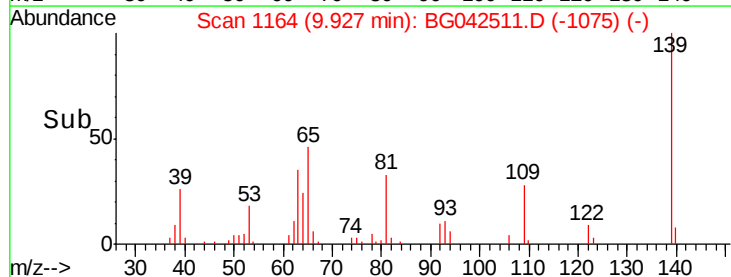
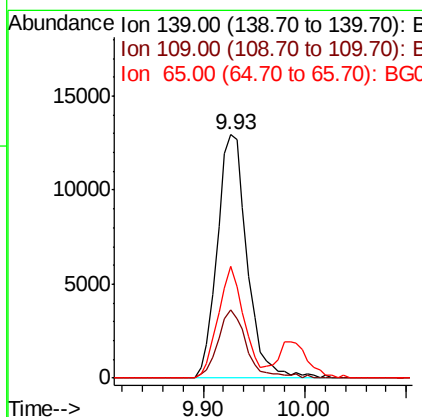
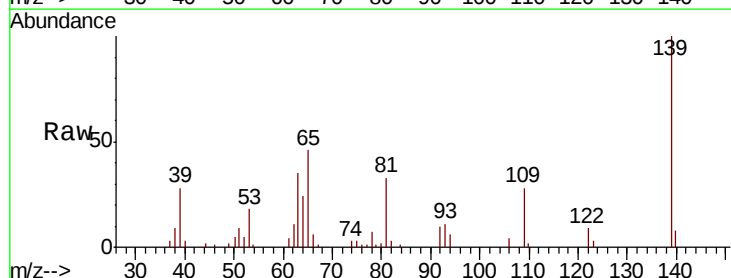
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#26
2-Nitrophenol
Concen: 22.674 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.0		20.5	30.7
65	45.7		30.9	46.3





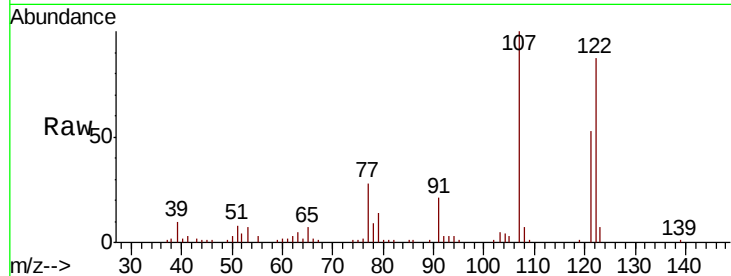
#27
 2,4-Dimethylphenol
 Concen: 25.886 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		41680		
107	114.5	90.8		136.2	
121	60.2	49.6		74.4	

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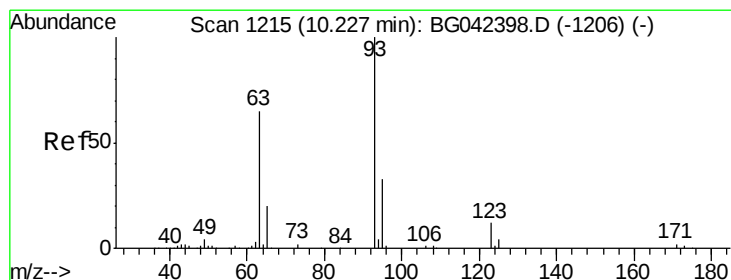
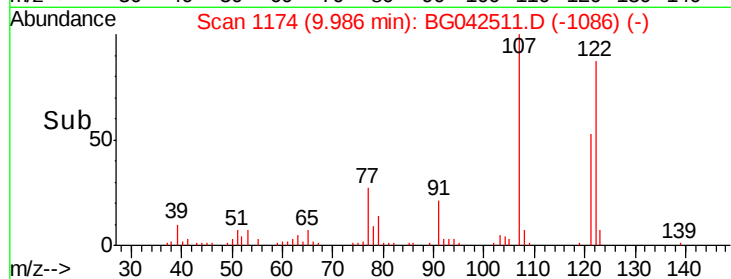
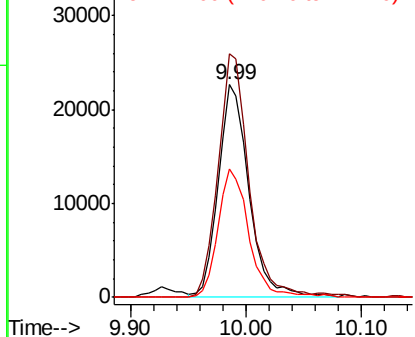


Abundance

Ion 122.00 (121.70 to 122.70): E

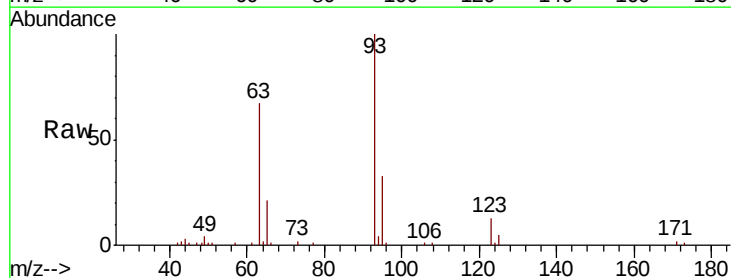
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 21.296 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		48792		
95	33.1	26.6		40.0	
123	13.3	10.1		15.1	

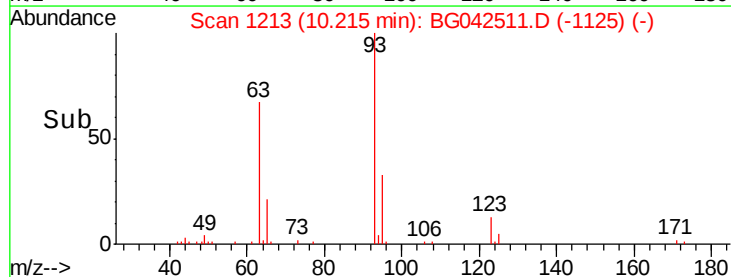
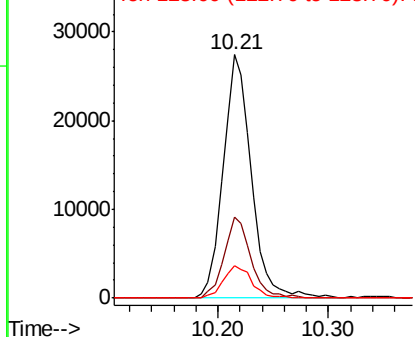


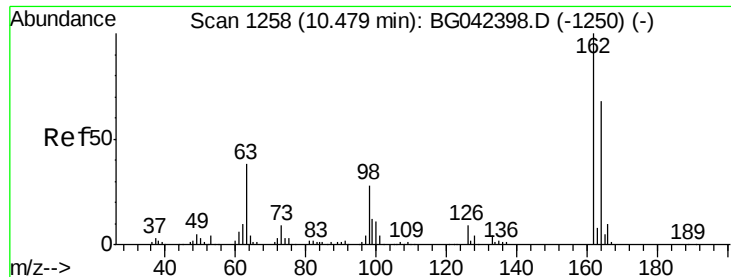
Abundance

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





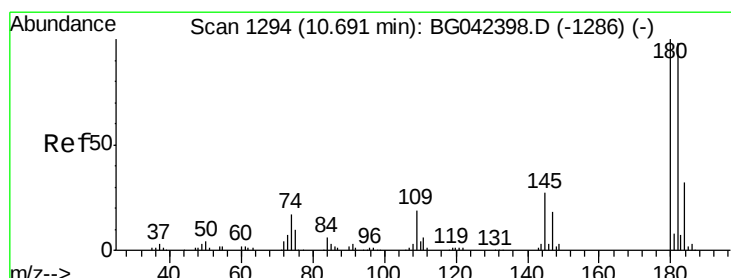
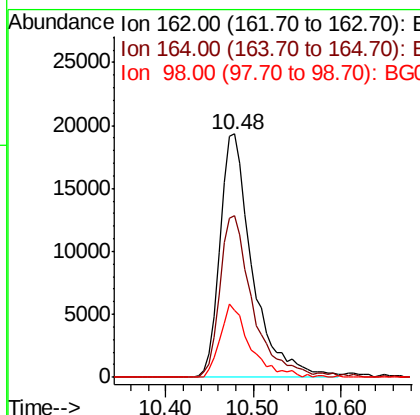
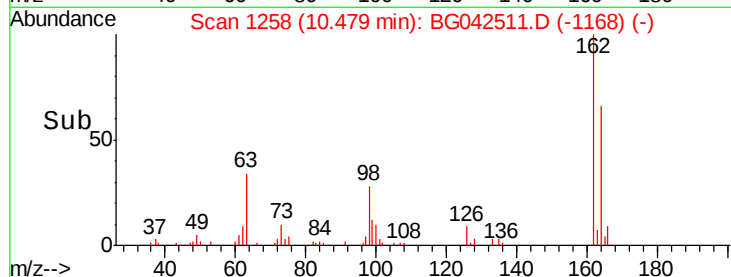
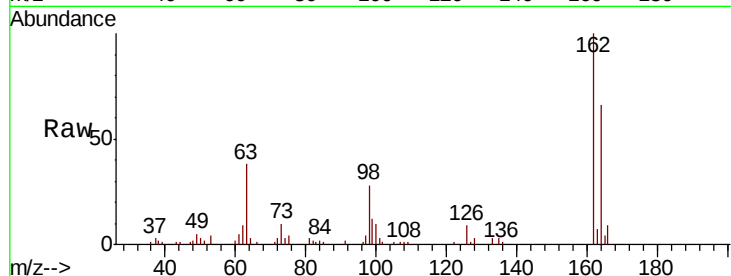
#29
 2,4-Dichlorophenol
 Concen: 23.328 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	48.1	88.1
98	27.8	7.6	47.6

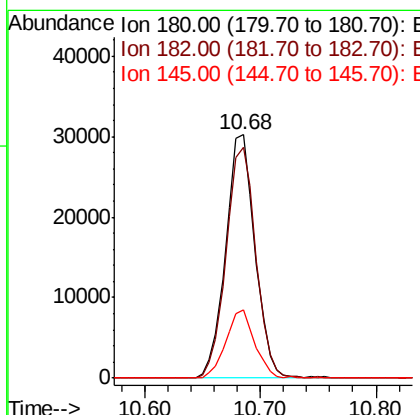
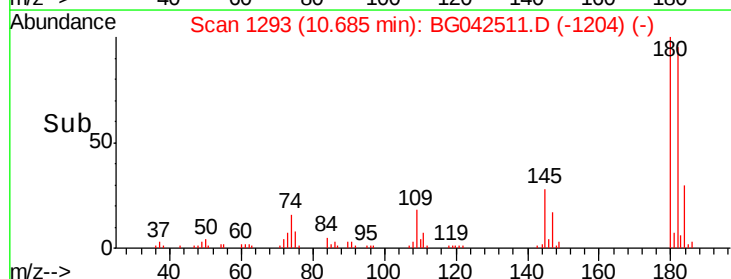
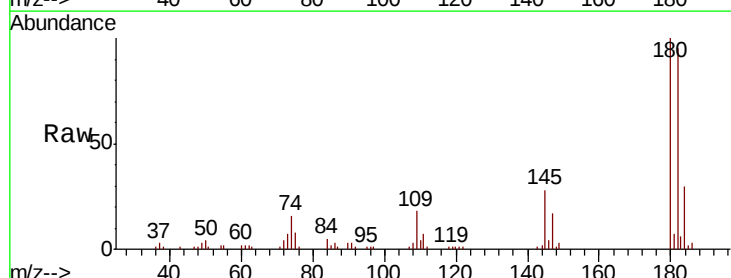
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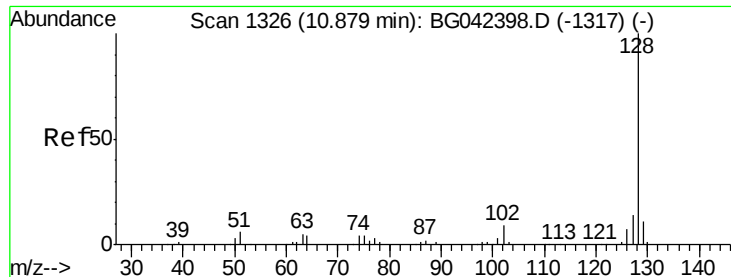
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 20.594 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.7	118.1
145	27.9	21.6	32.4





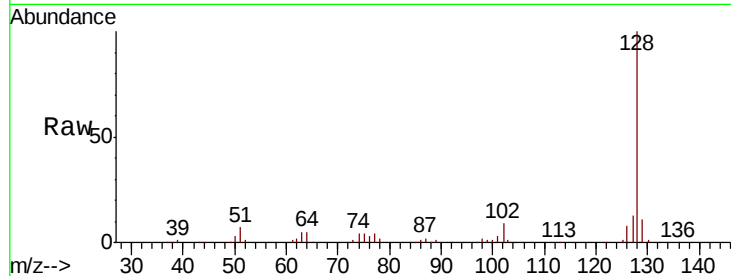
#31
Naphthalene
Concen: 22.173 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.1	11.4	17.0

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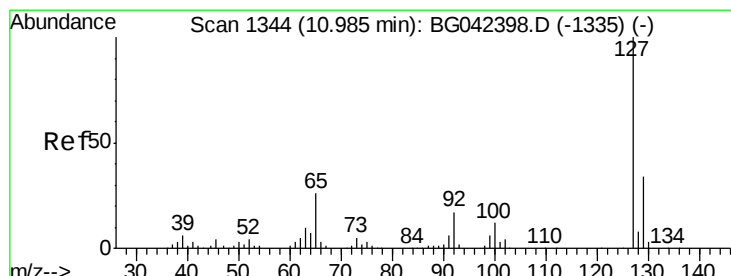
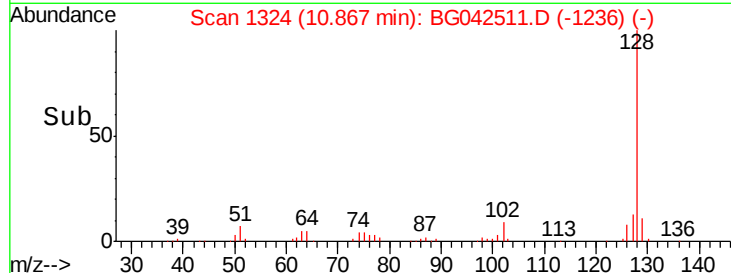
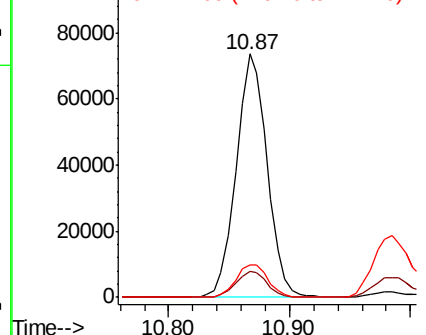


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 15.959 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.8	40.2
65	24.5	20.7	31.1
92	16.8	13.6	20.4

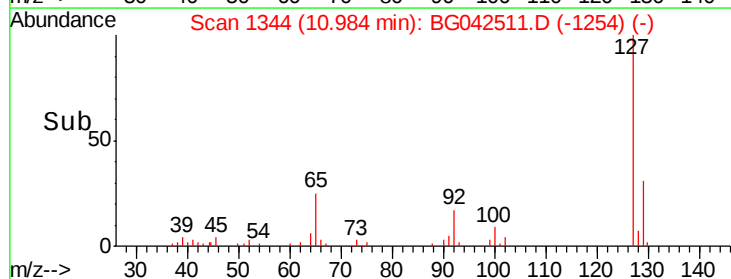
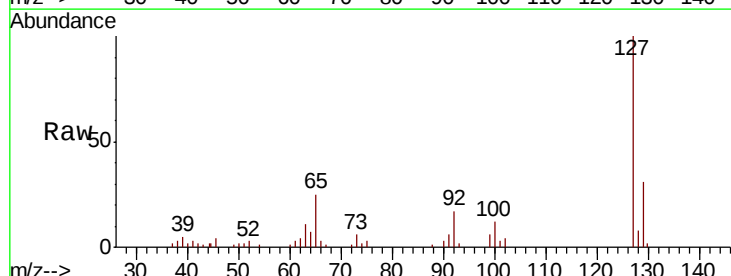
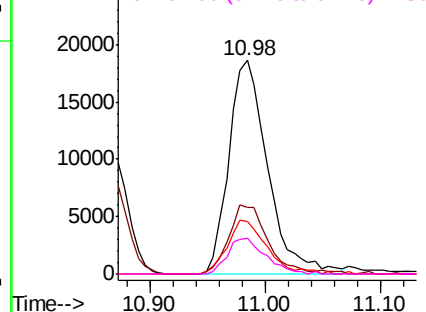
Abundance

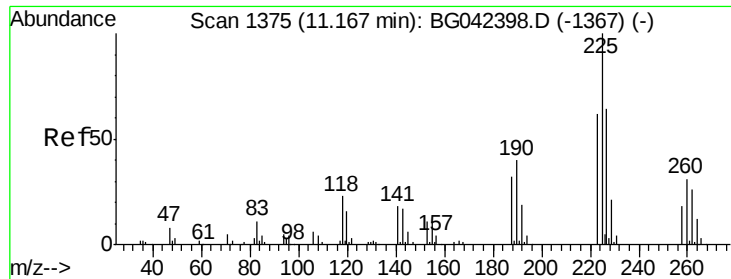
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





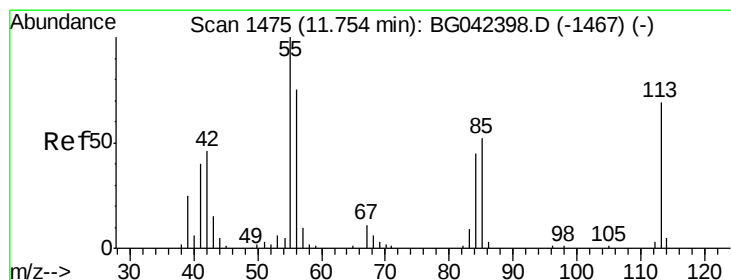
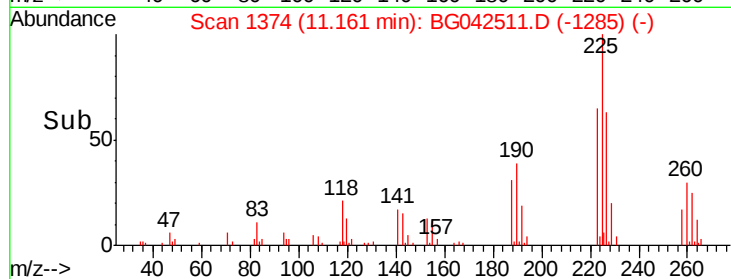
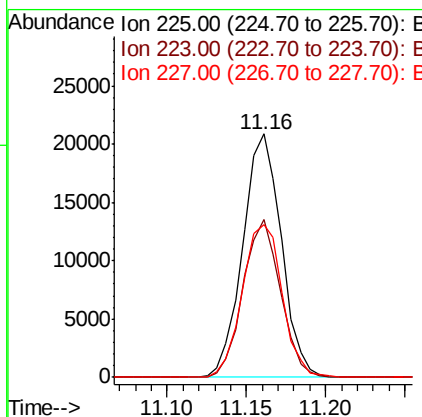
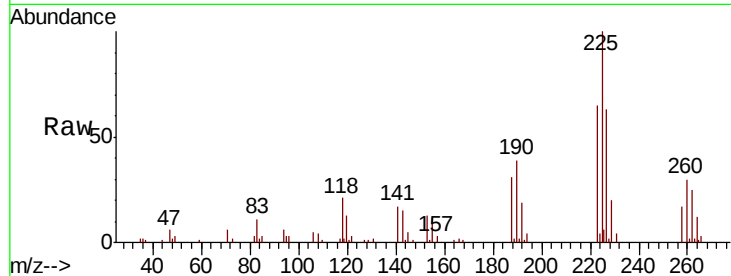
#34
Hexachlorobutadiene
Concen: 20.263 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.6
227	61.6	50.9	76.3

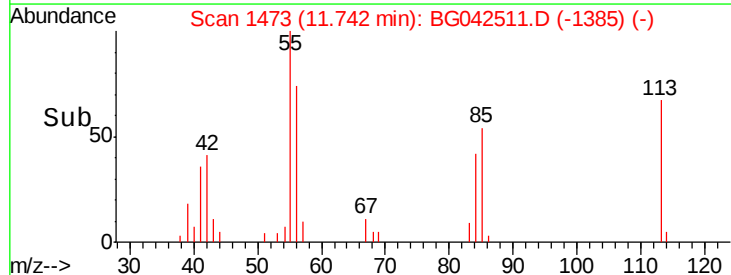
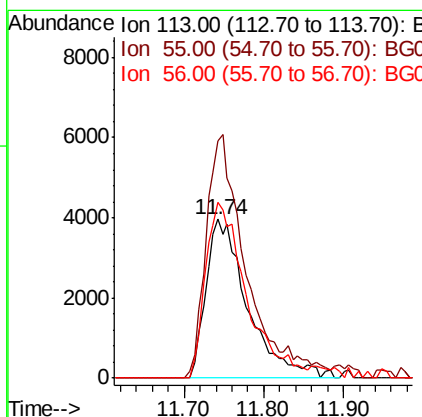
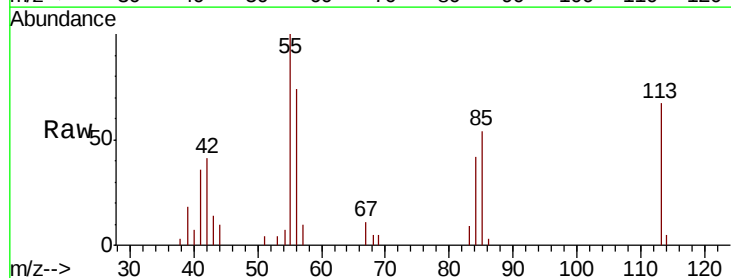
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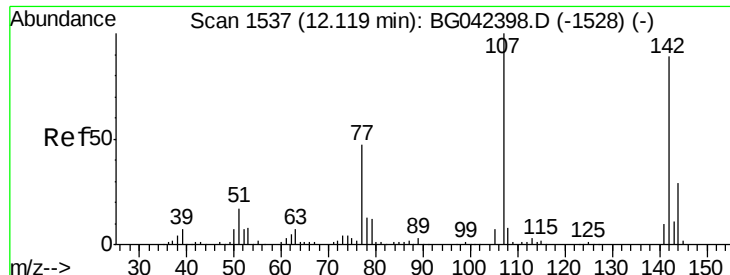
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#35
Caprolactam
Concen: 20.487 ng m
RT: 11.74 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
113	100		
55	149.0	124.6	164.6
56	110.5	88.3	128.3





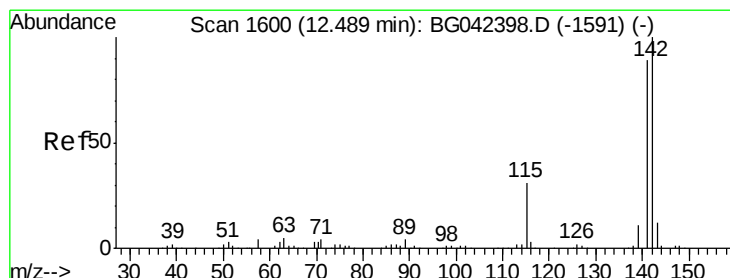
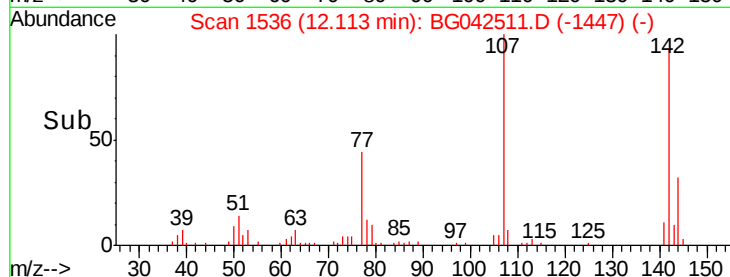
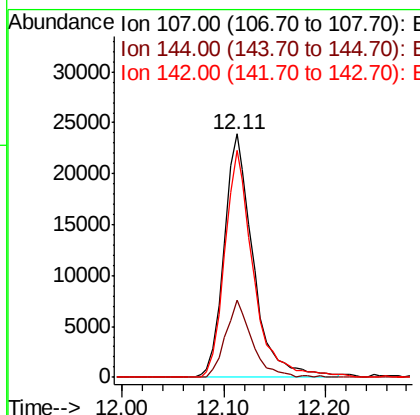
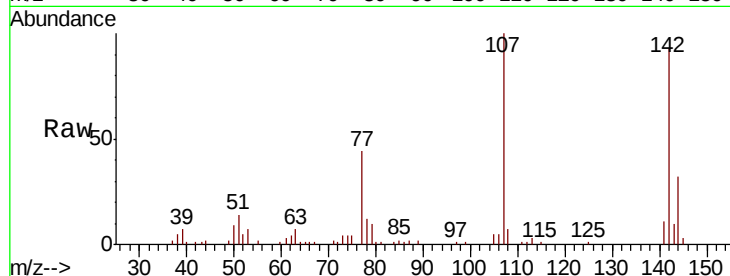
#36
 4-Chloro-3-methylphenol
 Concen: 23.708 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	31.6	23.6	35.4
142	93.5	71.0	106.4

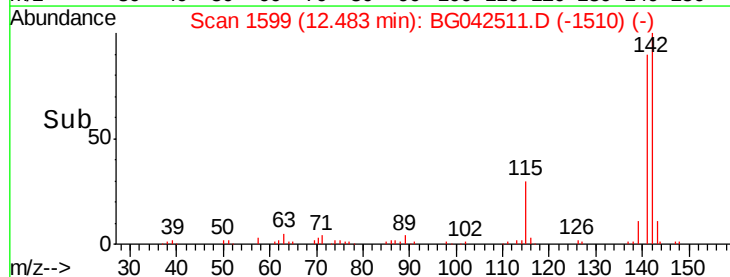
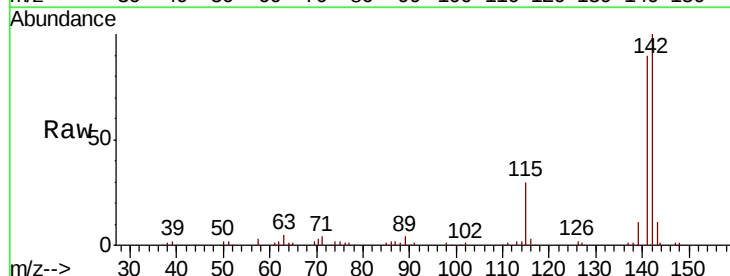
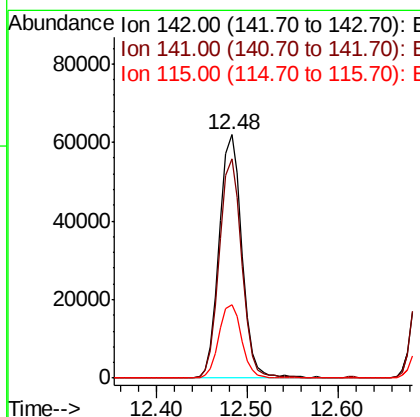
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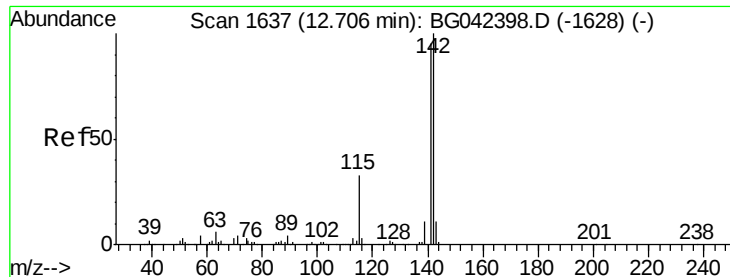
mohammad
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#37
 2-Methylnaphthalene
 Concen: 22.626 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	30.3	25.2	37.8





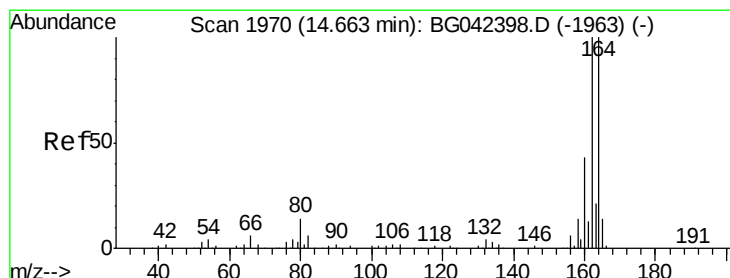
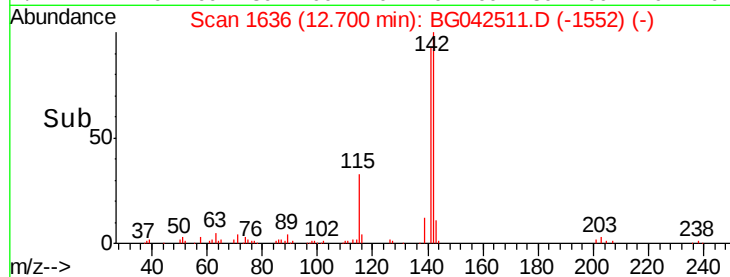
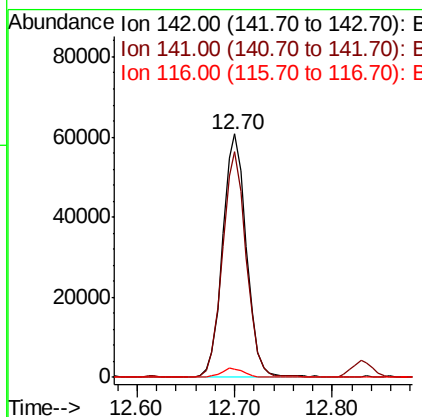
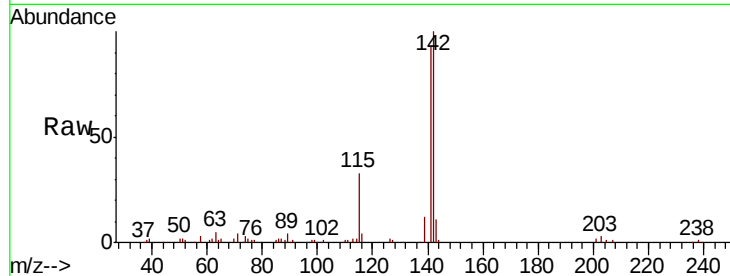
#38
1-Methylnaphthalene
Concen: 22.717 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion:	142	Resp:	102391
Ion Ratio	Lower	Upper	
142	100		
141	92.7	76.2	114.2
116	3.5	2.8	4.2

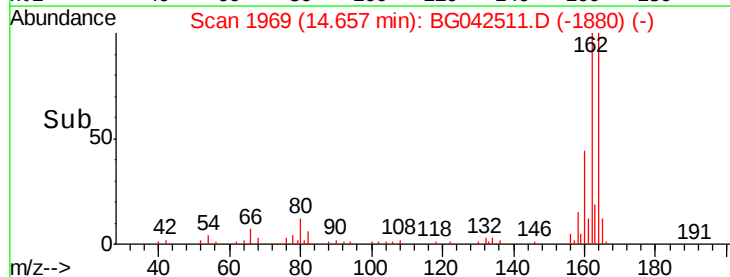
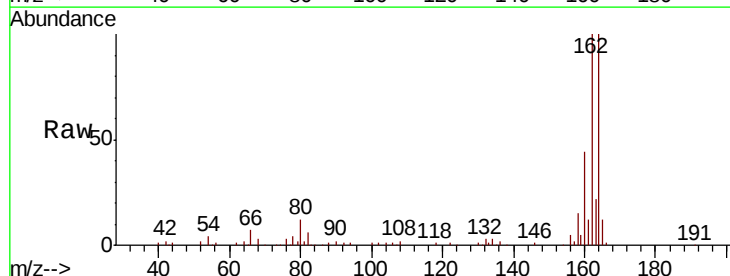
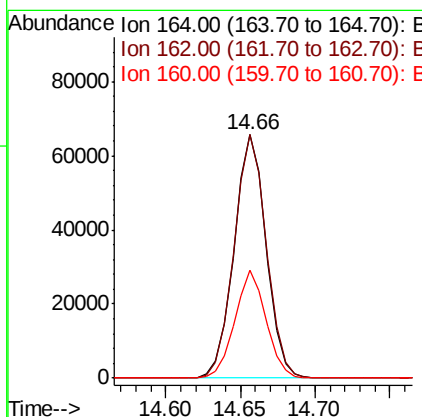
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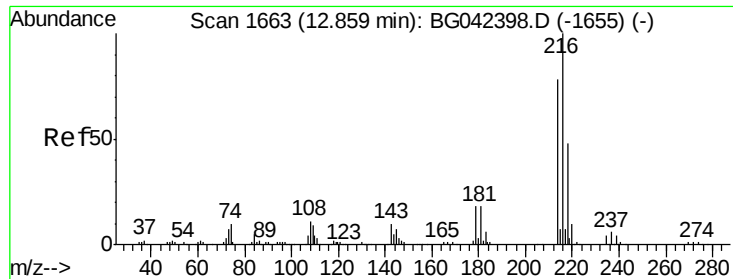
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion:	164	Resp:	97880
Ion Ratio	Lower	Upper	
164	100		
162	100.1	79.9	119.9
160	44.2	34.3	51.5





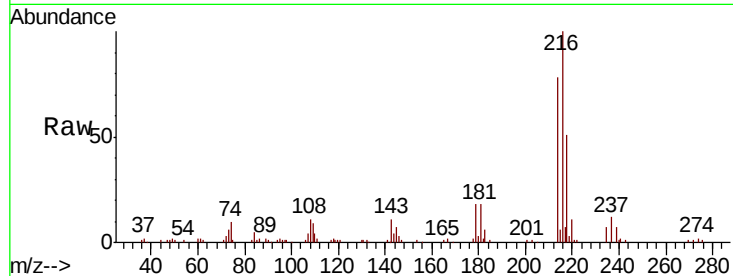
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.256 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

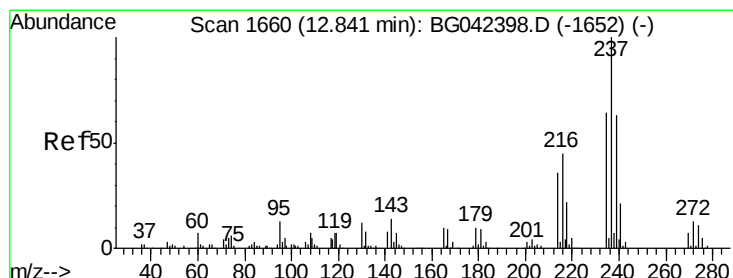
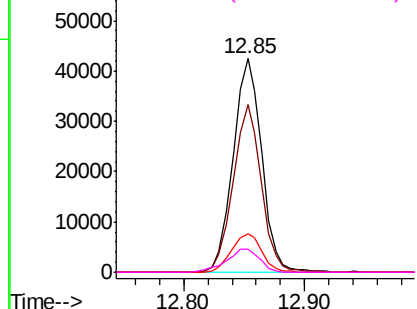
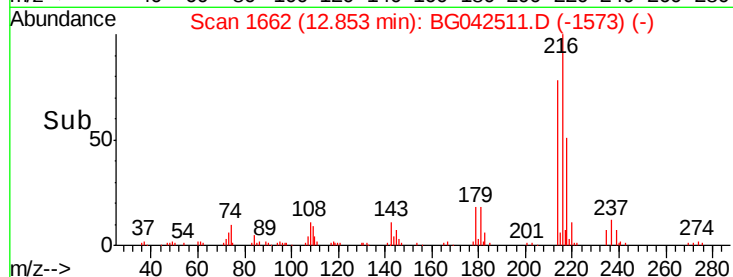
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		69957		
214	76.7	61.4	92.2		
179	18.9	15.1	22.7		
108	12.3	9.4	14.0		

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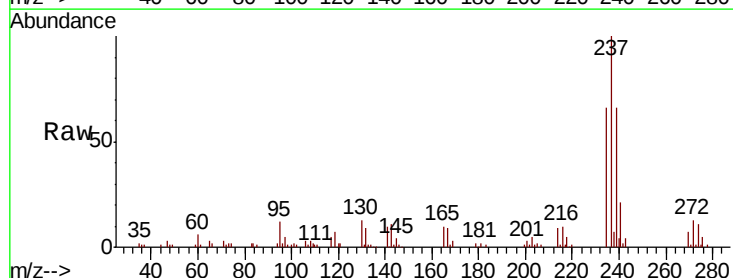


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

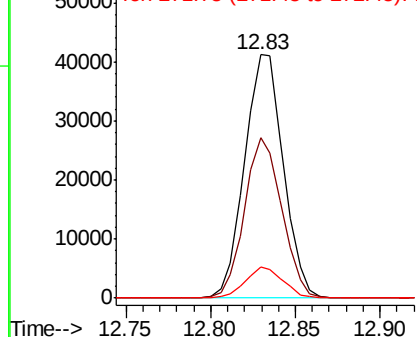
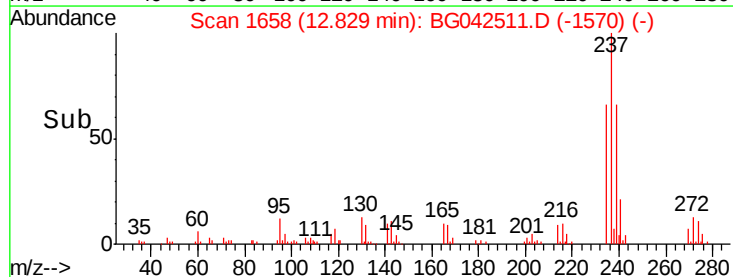


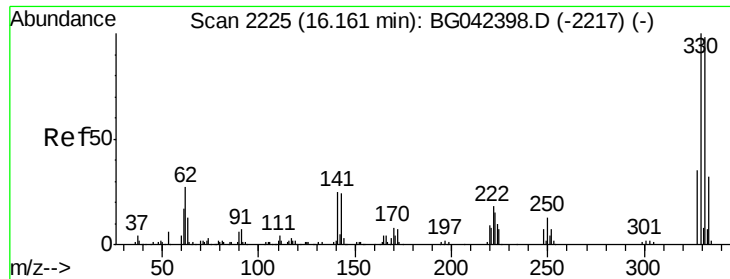
#41
 Hexachlorocyclopentadiene
 Concen: 39.824 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		65755		
235	65.9	43.7	83.7		
272	12.6	0.0	33.3		



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





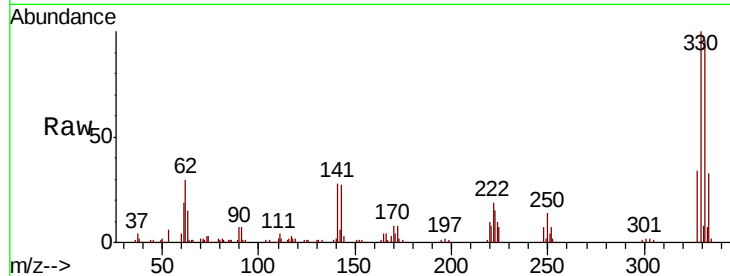
#42
 2,4,6-Tribromophenol
 Concen: 64.226 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	28.0	21.4	32.0

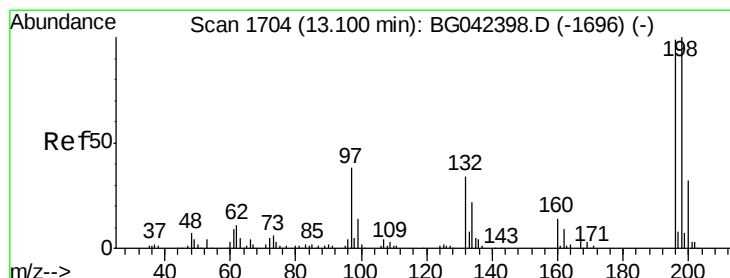
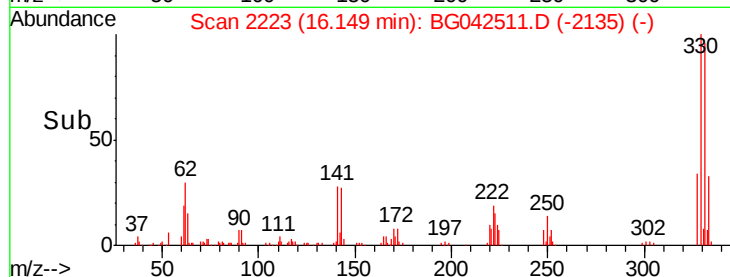
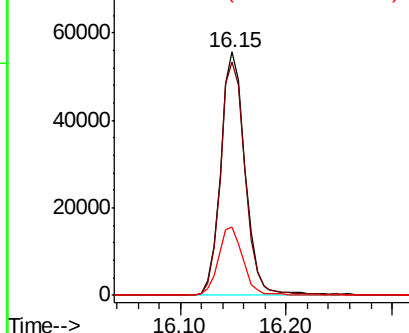
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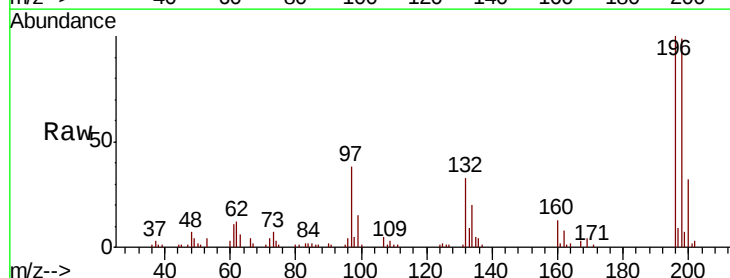
Abundance

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



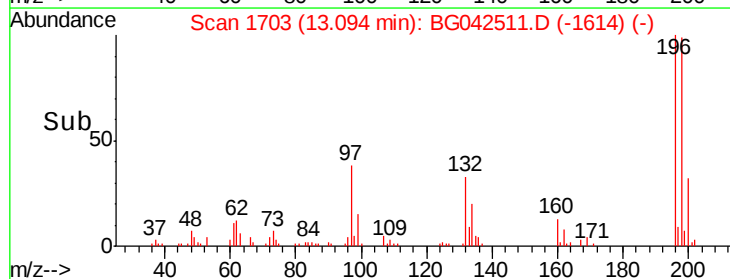
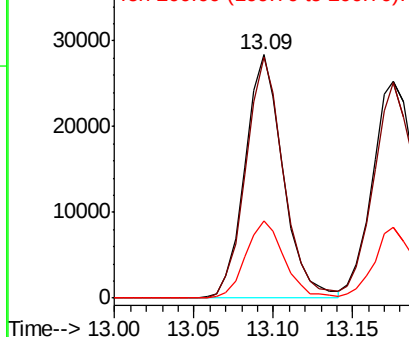
#43
 2,4,6-Trichlorophenol
 Concen: 22.285 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

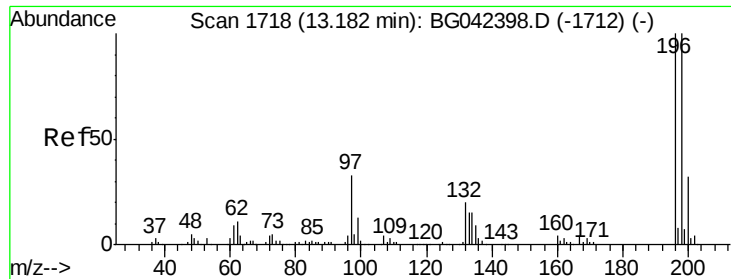
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	80.7	121.1
200	31.9	25.7	38.5



Abundance

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





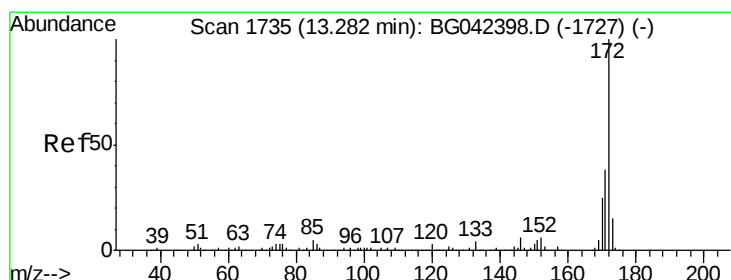
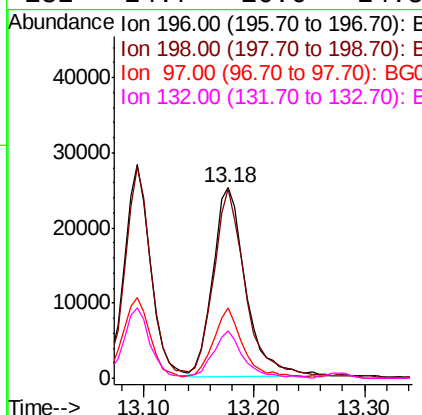
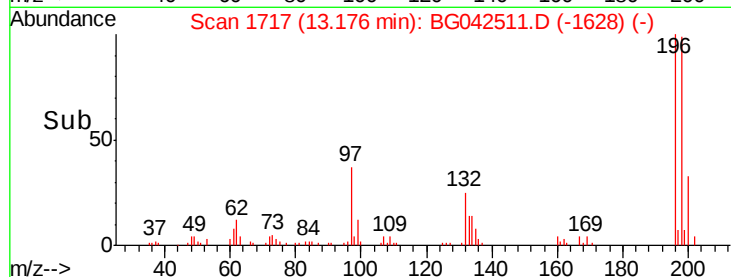
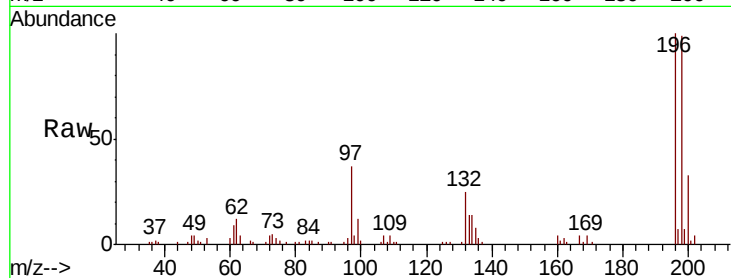
#44
 2,4,5-Trichlorophenol
 Concen: 23.632 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	196	Resp	52032
Ion Ratio	Lower	Upper	
196	100		
198	99.4	80.2	120.4
97	36.8	26.3	39.5
132	24.7	16.6	24.8

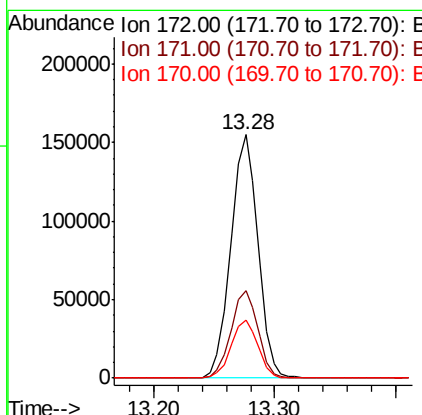
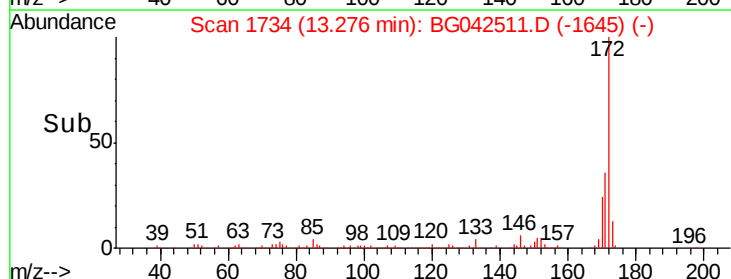
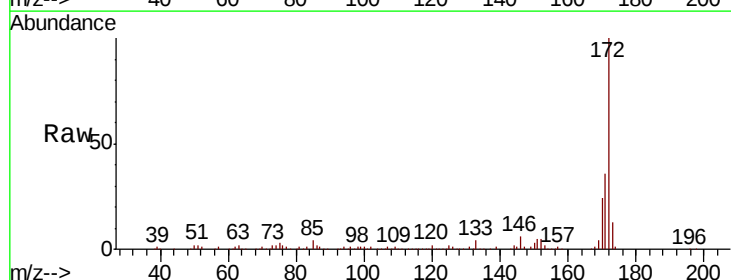
Manual Integrations
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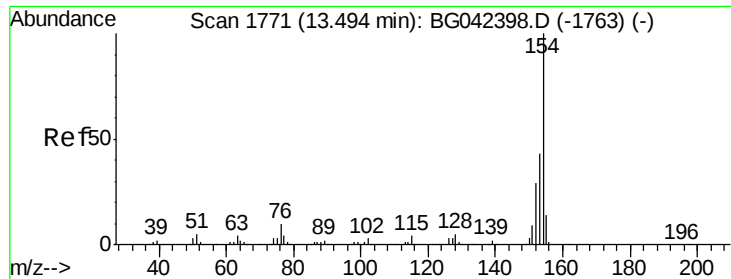
mohammad
 8/29/2019 7:58:17 AM



#45
 2-Fluorobiphenyl
 Concen: 41.925 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	172	Resp	242636
Ion Ratio	Lower	Upper	
172	100		
171	36.0	30.5	45.7
170	23.9	20.2	30.2





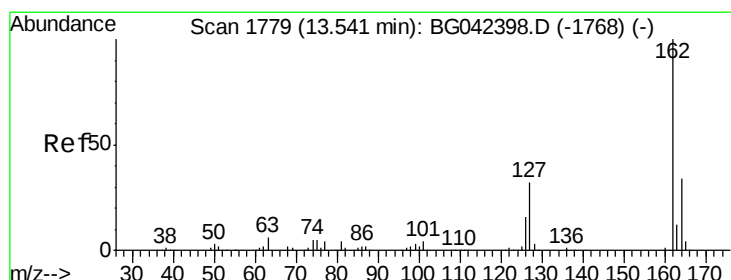
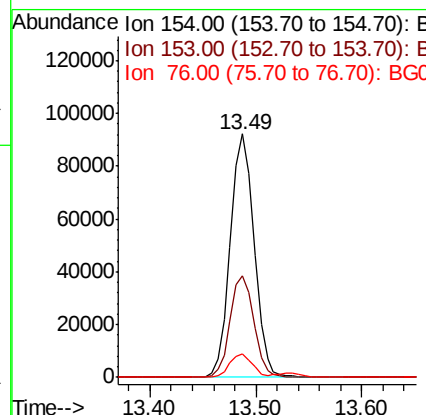
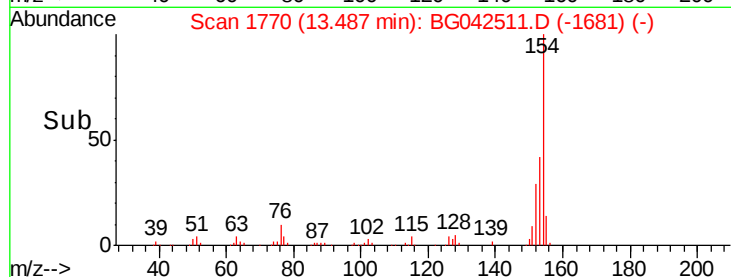
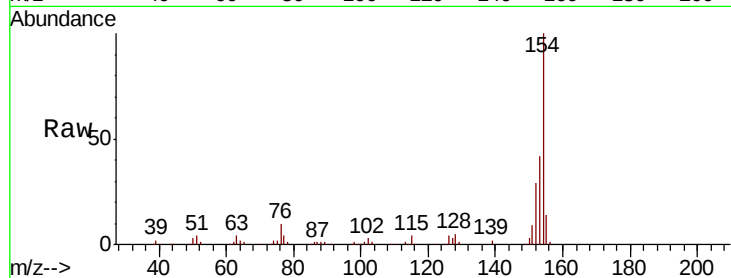
#46
 1,1'-Biphenyl
 Concen: 22.768 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	23.0	63.0
76	9.7	0.0	29.6

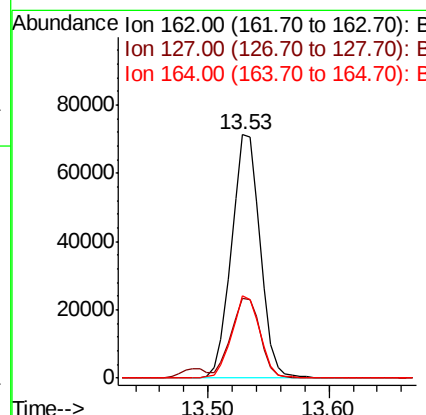
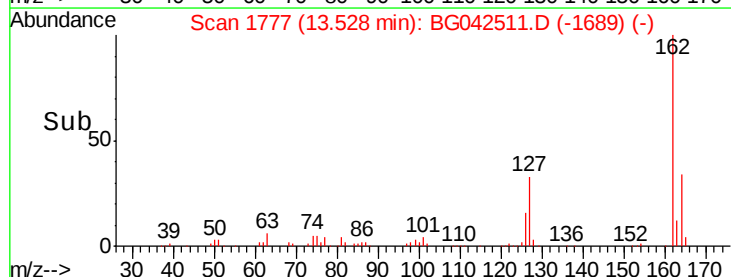
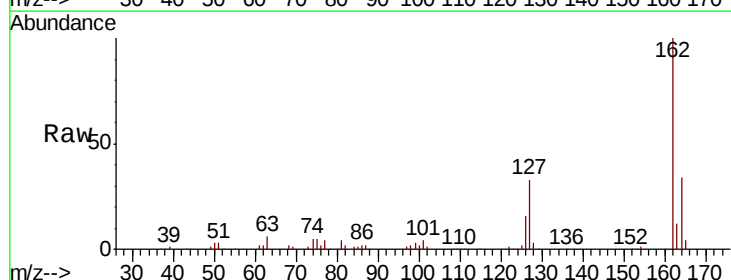
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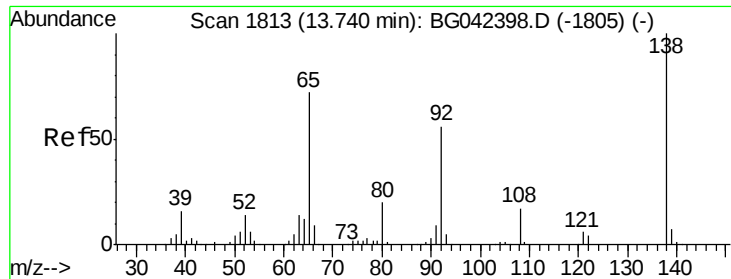
mohammad
 8/29/2019 7:58:17 AM



#47
 2-Chloronaphthalene
 Concen: 21.568 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.9	26.0	39.0
164	33.9	27.4	41.0





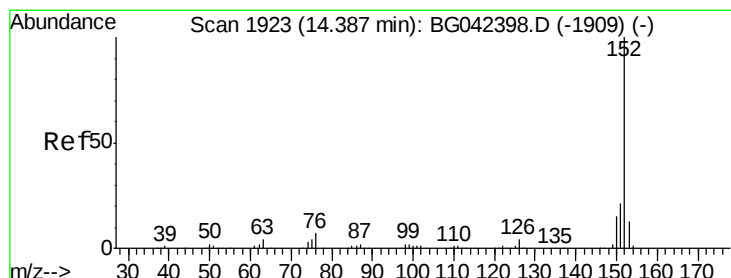
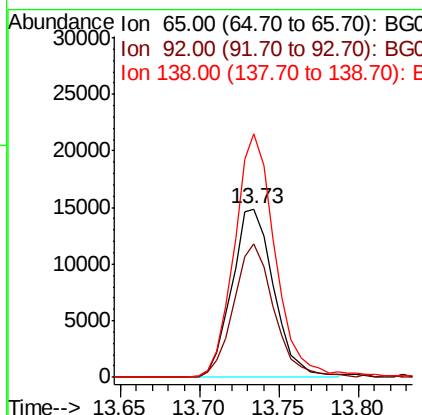
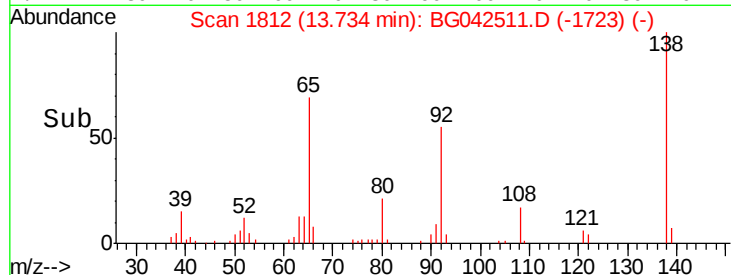
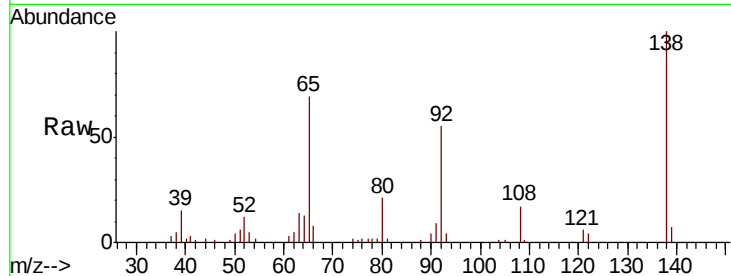
#48
 2-Nitroaniline
 Concen: 20.700 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion:	65	Resp:	27232
Ion Ratio	Lower	Upper	
65	100		
92	78.8	61.8	92.6
138	144.3	111.0	166.6

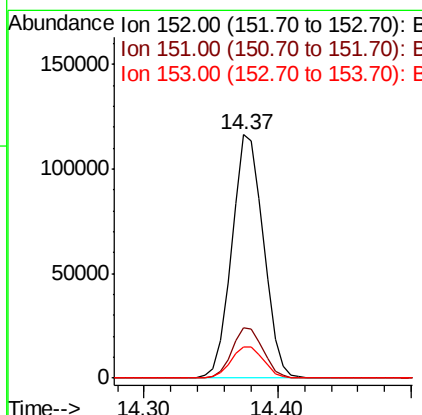
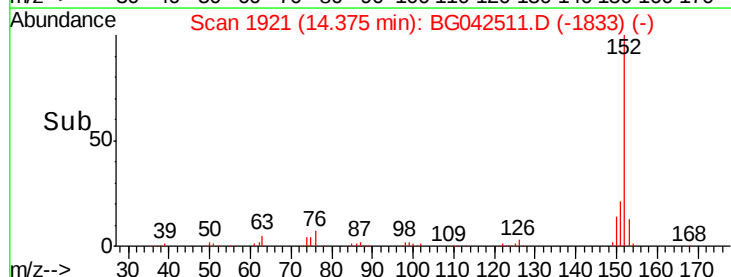
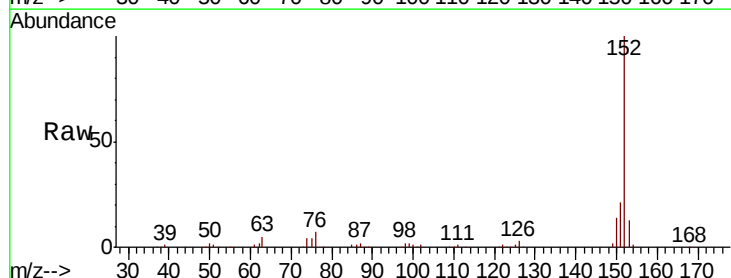
Manual Integrations
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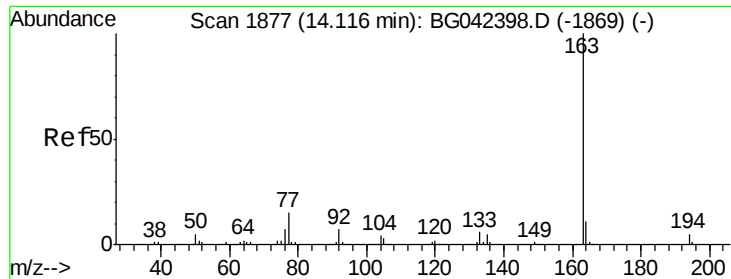
mohammad
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#49
 Acenaphthylene
 Concen: 23.229 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion:	152	Resp:	190654
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.4
153	12.9	10.6	16.0





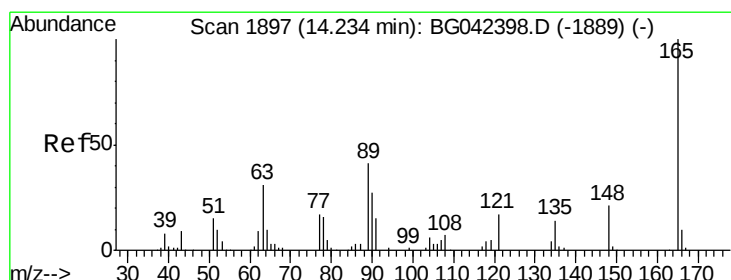
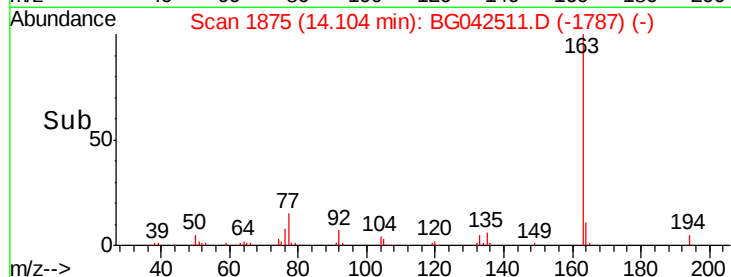
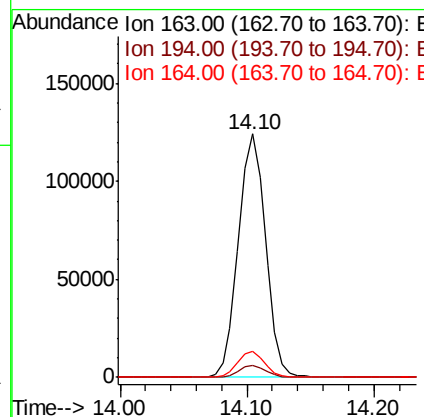
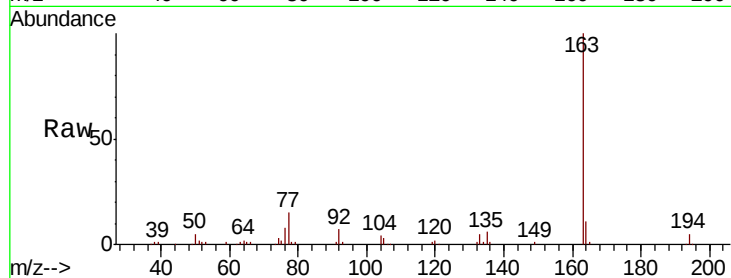
#50
Dimethylphthalate
Concen: 26.167 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	184799		
194	4.8		4.2	6.2
164	10.7		8.8	13.2

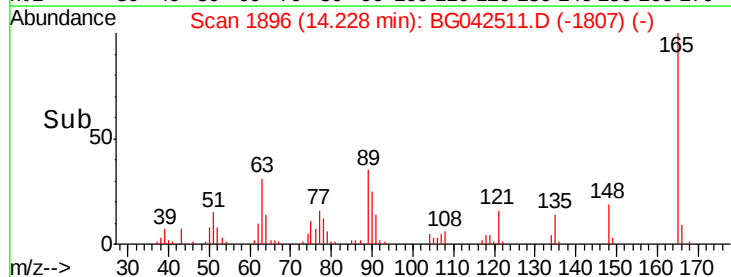
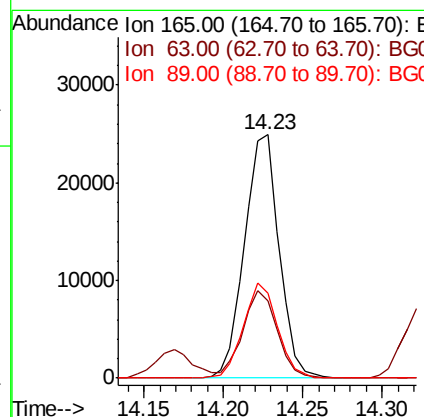
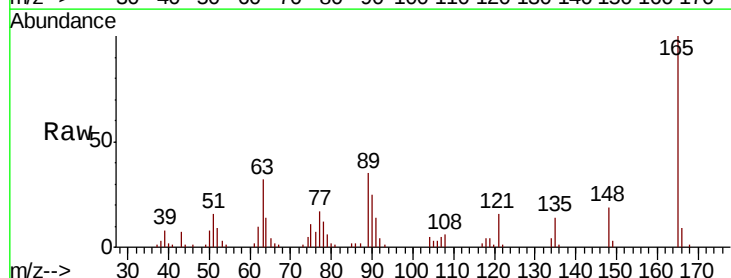
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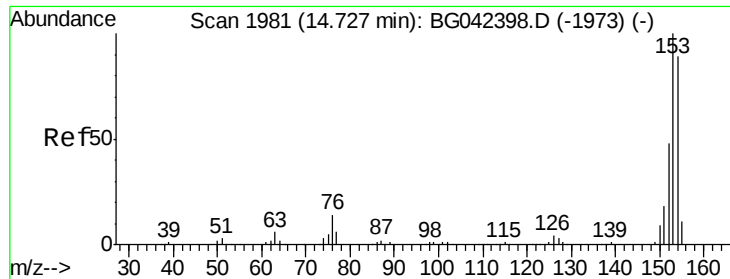
mohammad
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#51
2,6-Dinitrotoluene
Concen: 23.050 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	37733		
63	31.9		30.6	45.8
89	35.0		32.6	49.0





#52

Acenaphthene

Concen: 22.129 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:154 Resp: 110288

Ion Ratio Lower Upper

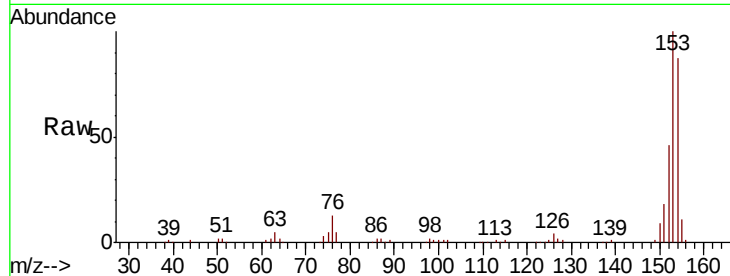
154 100

153 114.5 90.2 135.4

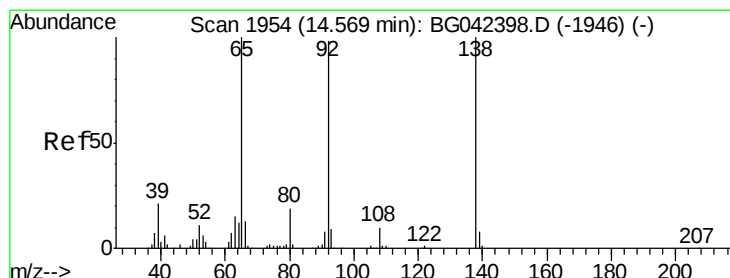
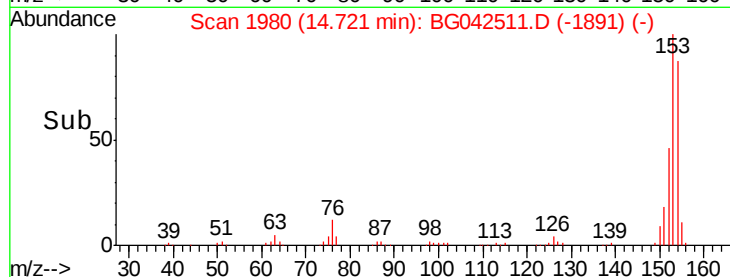
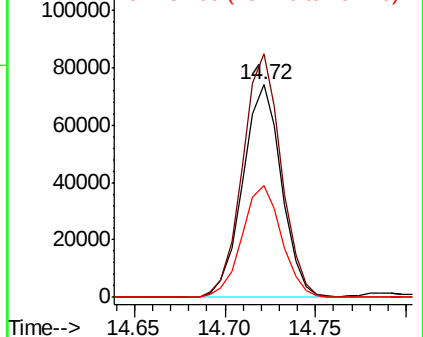
152 52.4 43.2 64.8

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



#53

3-Nitroaniline

Concen: 17.087 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

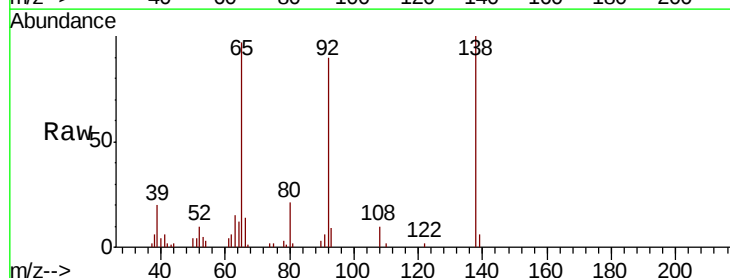
Tgt Ion:138 Resp: 27975

Ion Ratio Lower Upper

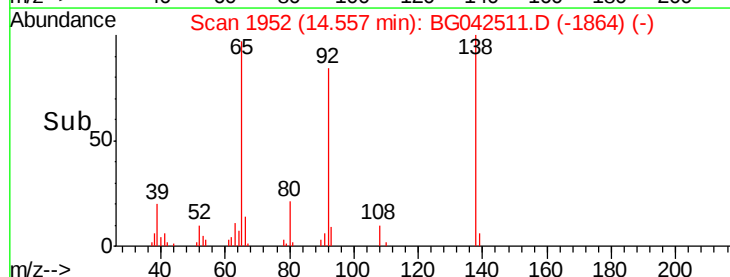
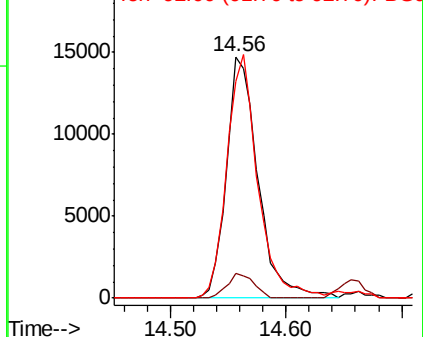
138 100

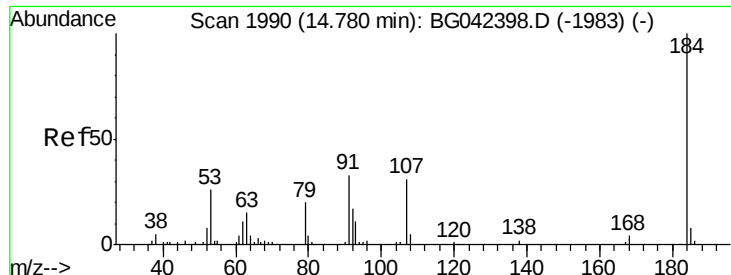
108 10.0 8.3 12.5

92 89.6 78.2 117.4



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





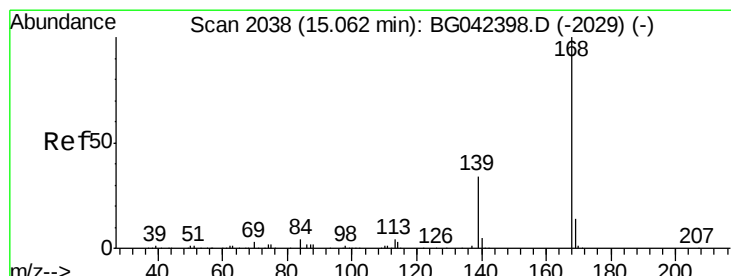
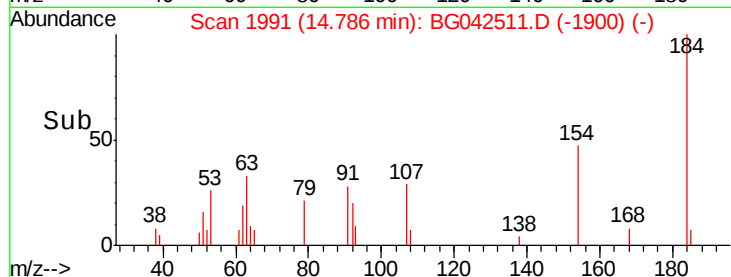
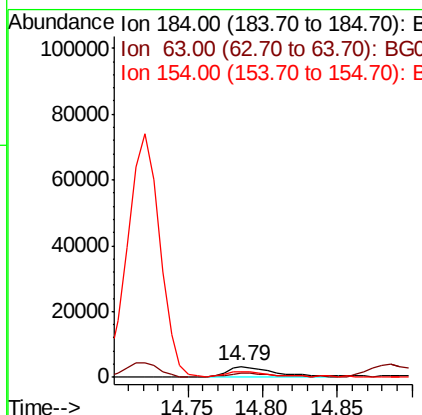
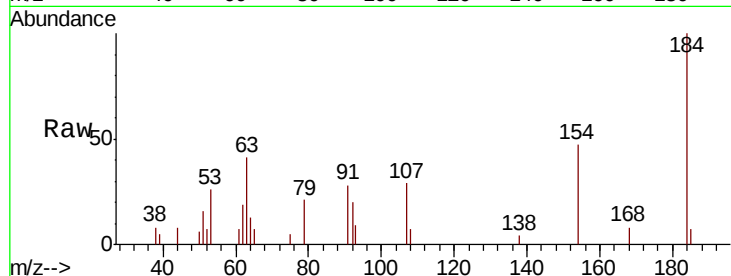
#54
 2,4-Dinitrophenol
 Concen: 12.635 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	41.4	31.7	47.5
154	47.2	42.0	63.0

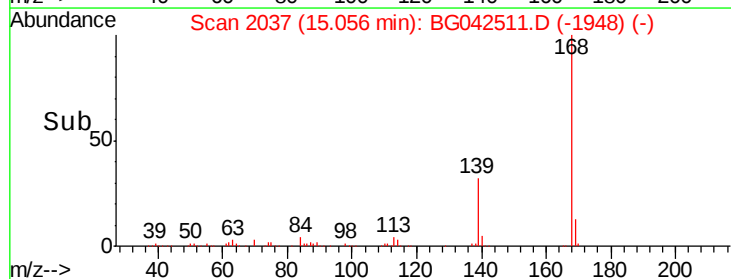
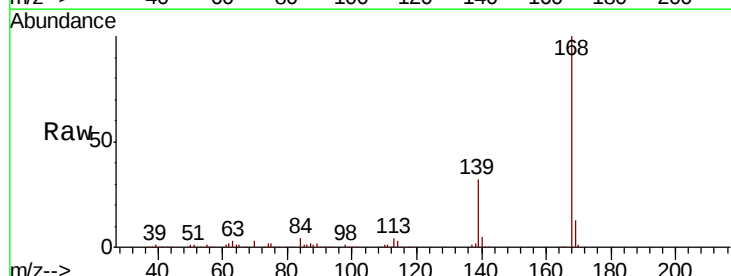
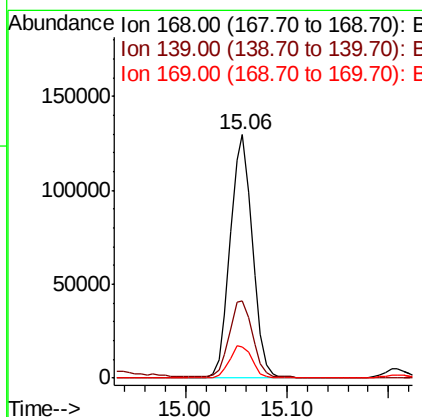
Manual Integrations
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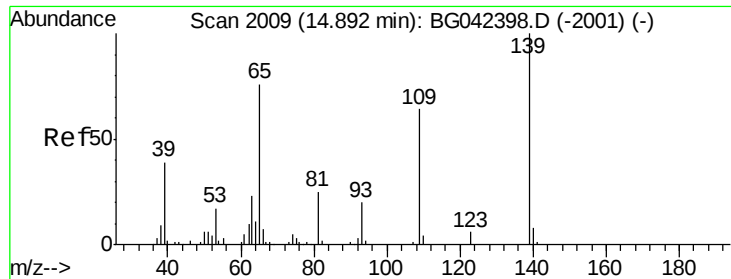
mohammad
 8/29/2019 7:58:17 AM



#55
 Dibenzofuran
 Concen: 23.949 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	31.9	27.2	40.8
169	13.0	11.5	17.3





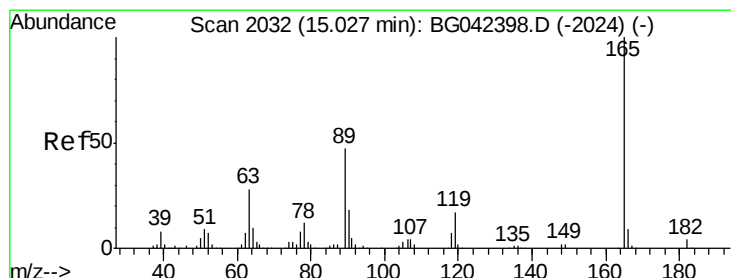
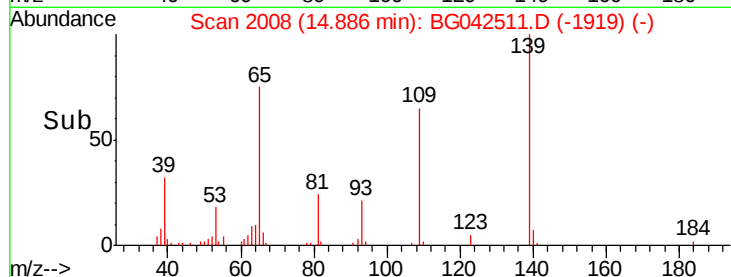
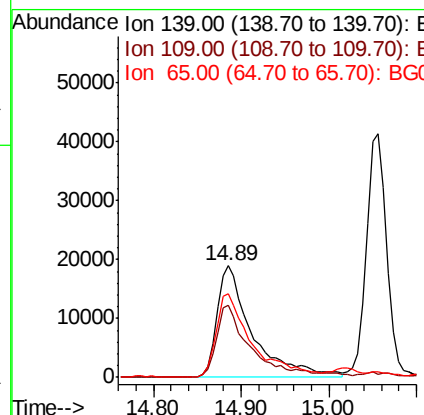
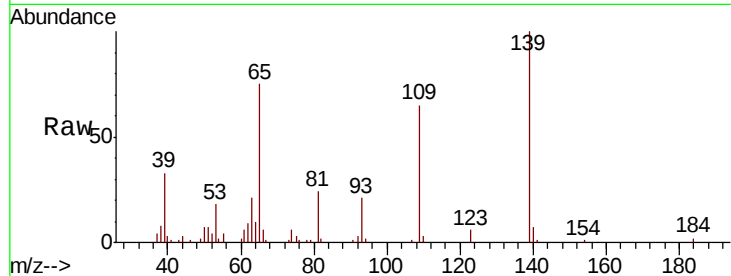
#56
4-Nitrophenol
Concen: 45.183 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.9	43.9	83.9
65	75.1	56.3	96.3

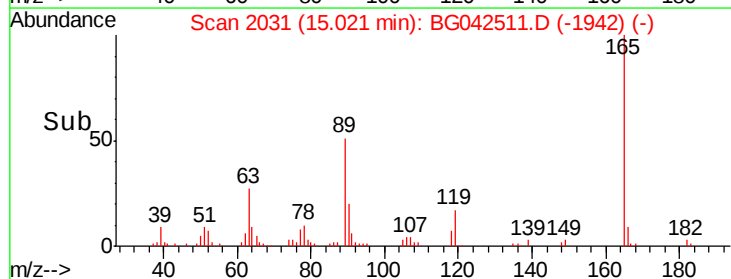
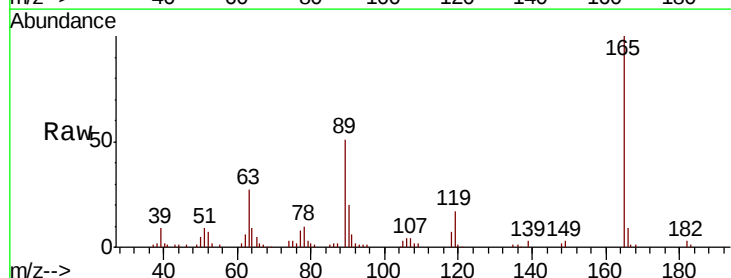
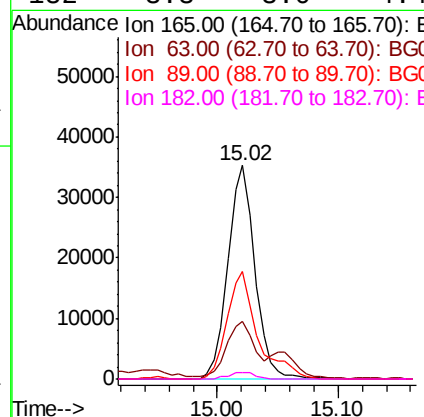
Manual Integrations
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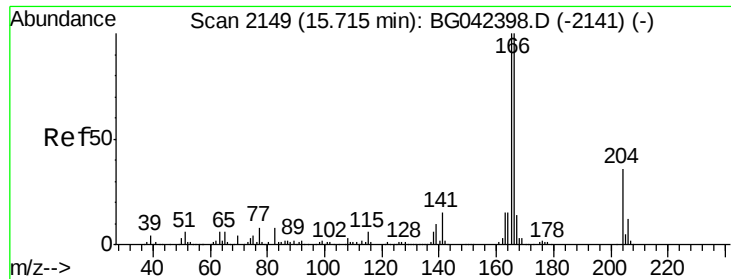
mohammad
8/29/2019 7:58:17 AM



#57
2,4-Dinitrotoluene
Concen: 23.270 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.1	22.5	33.7
89	50.6	37.8	56.6
182	3.3	3.0	4.4





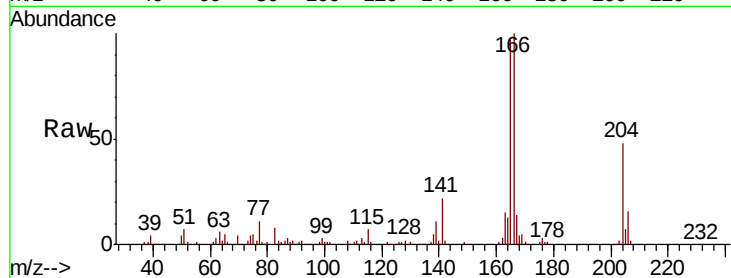
#58
Fluorene
Concen: 24.072 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	162334		
165	96.5	79.7	119.5	
167	13.7	10.9	16.3	

Manual Integrations
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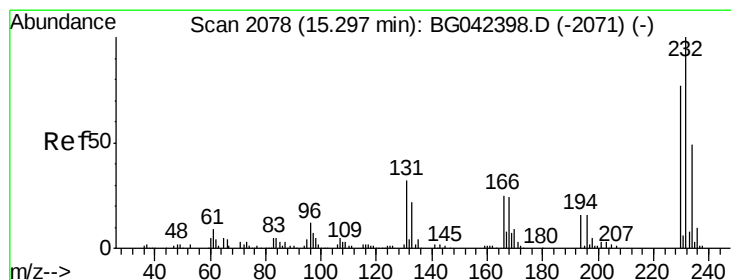
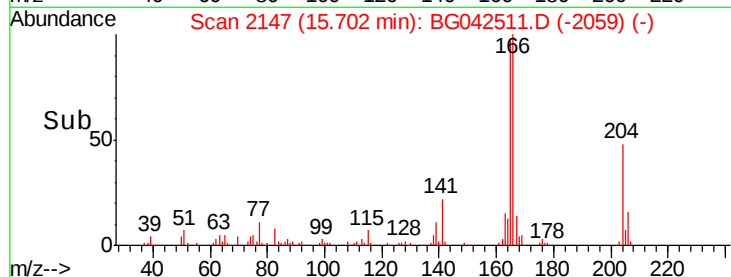
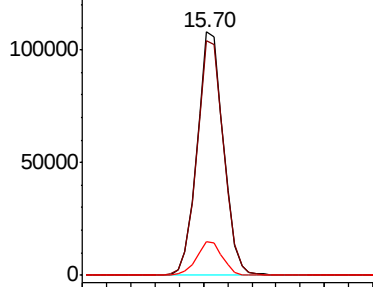


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
2,3,4,6-Tetrachlorophenol
Concen: 21.604 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	47039		
131	32.7	22.9	34.3	
130	1.8	1.4	2.0	
166	29.7	17.0	25.4	

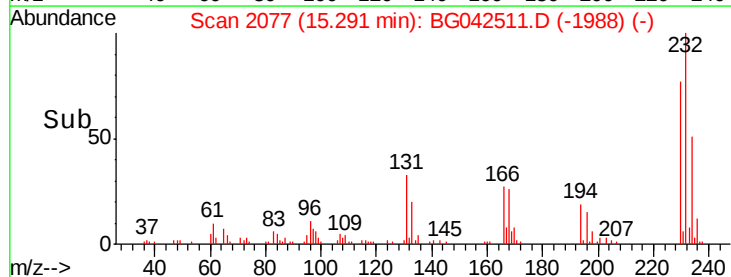
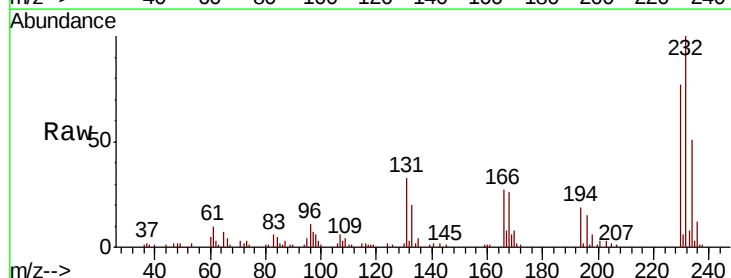
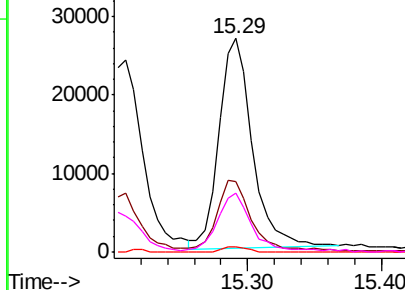
Abundance

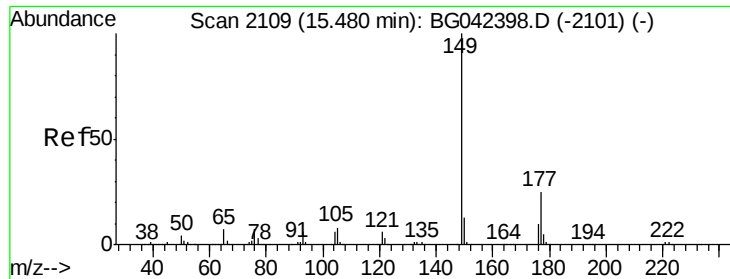
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





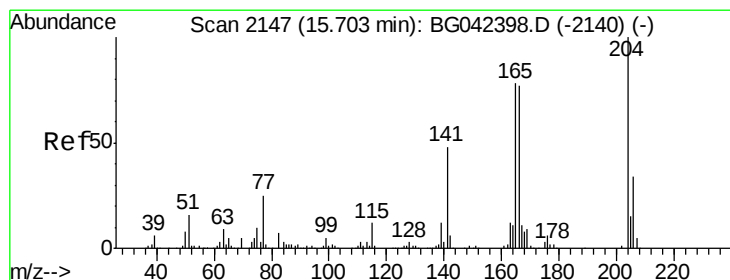
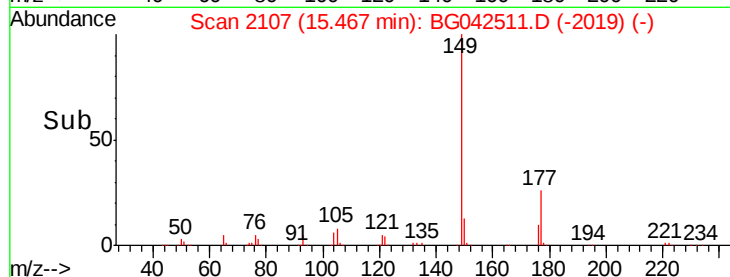
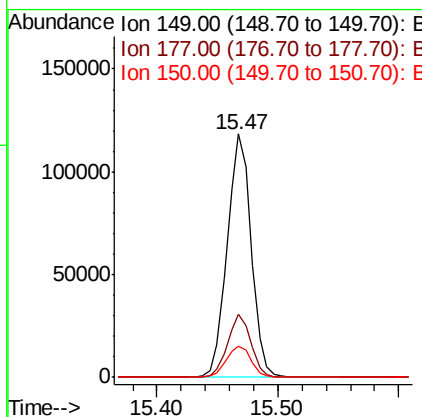
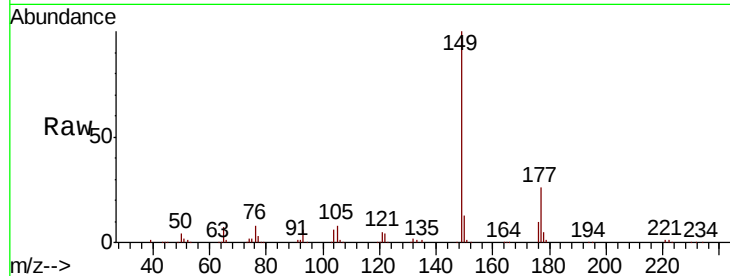
#60
Diethylphthalate
Concen: 23.578 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.4	30.6
150	12.9	10.3	15.5

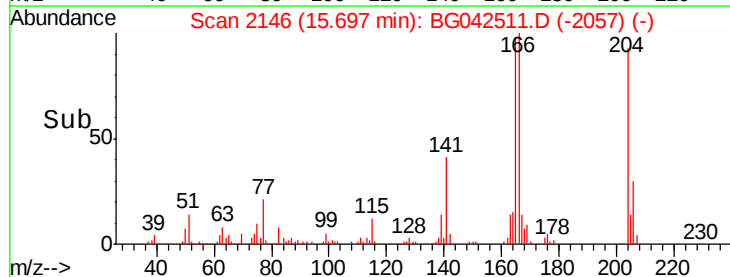
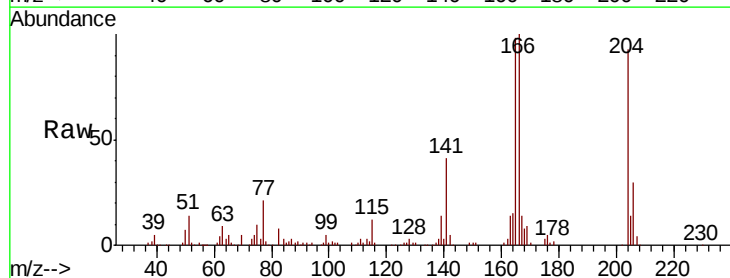
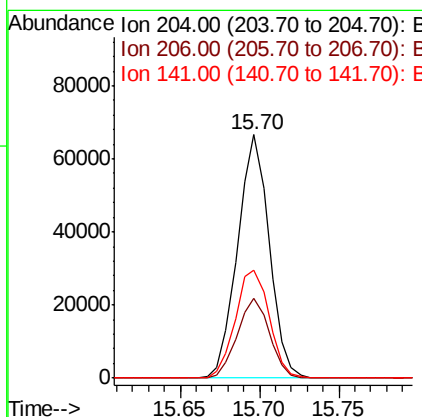
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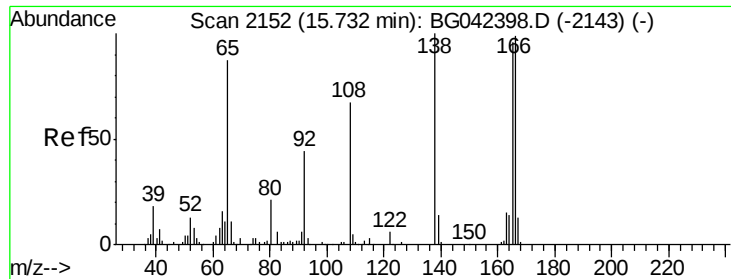
mohammad
8/29/2019 7:58:17 AM



#61
4-Chlorophenyl-phenylether
Concen: 22.703 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.2	40.8
141	44.4	38.7	58.1





#62

4-Nitroaniline

Concen: 23.680 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

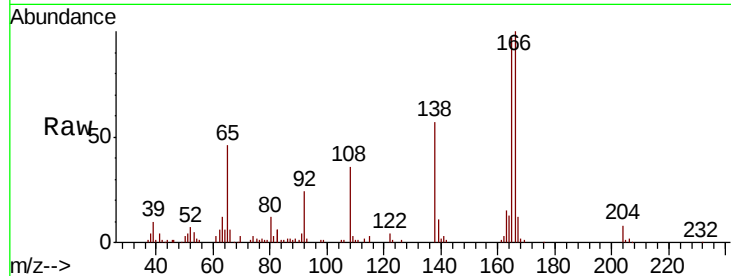
ClientSampleId :

S402-K1-1.0-1.5-082619MS

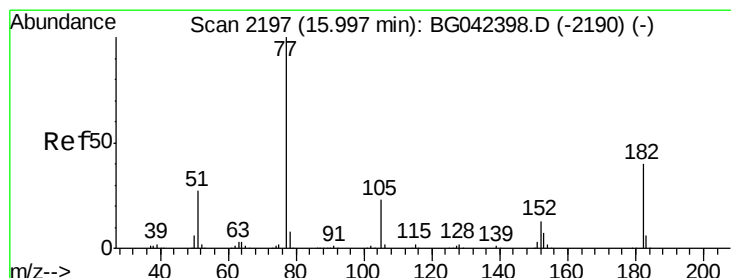
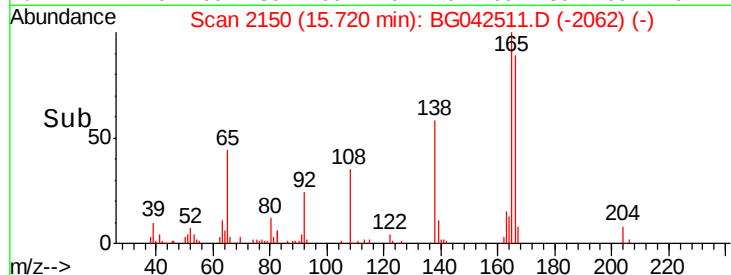
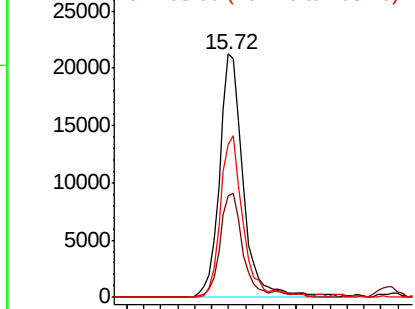
Tot Ion:	138	Resp:	41491
Ion	Ratio	Lower	Upper
138	100		
92	41.7	24.2	64.2
108	62.8	46.8	86.8

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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: 23.573 ng

RT: 15.99 min Scan# 2196

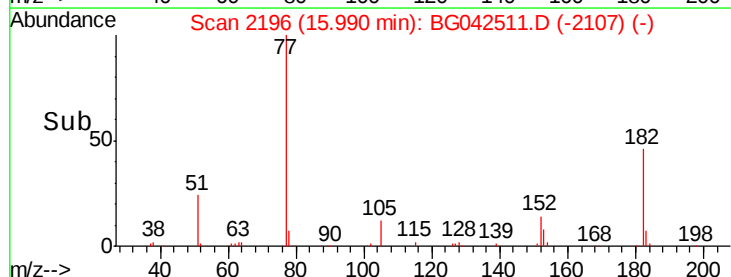
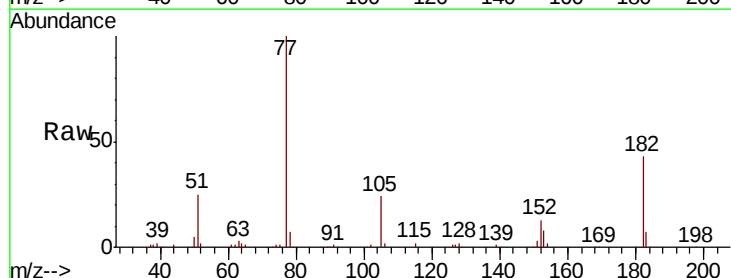
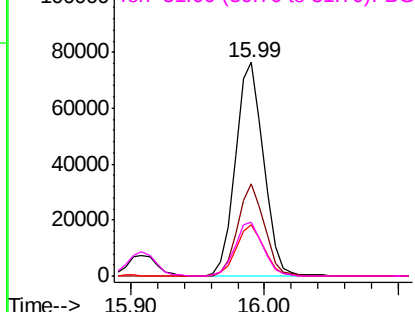
Delta R.T. -0.01 min

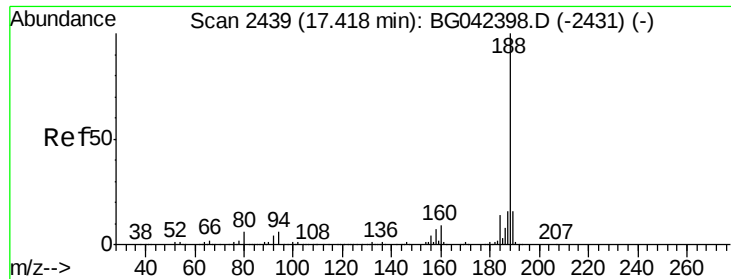
Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	77	Resp:	111515
Ion	Ratio	Lower	Upper
77	100		
182	43.2	19.9	59.9
105	24.1	2.9	42.9
51	25.4	7.6	47.6

Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

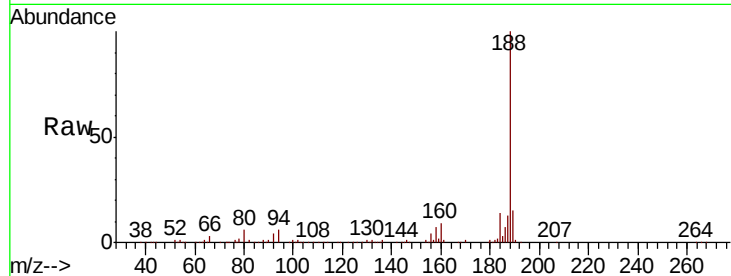
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:188	Resp:	243333
Ion Ratio	Lower	Upper
188 100		
94 5.9	4.5	6.7
80 6.4	4.9	7.3

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.41

200000

150000

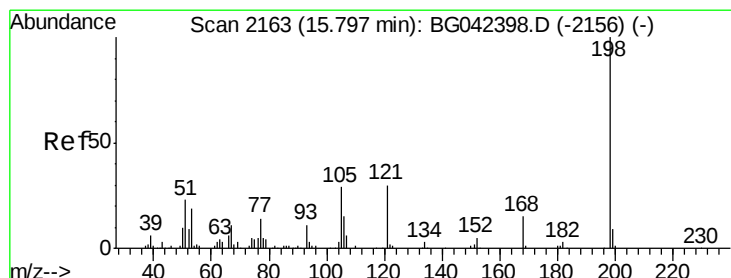
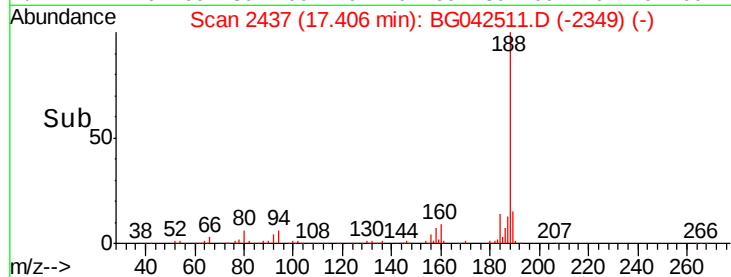
100000

50000

0

17.40 17.50

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 11.597 ng

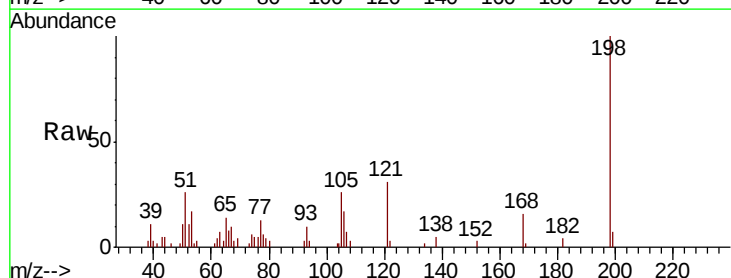
RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:198	Resp:	17693
Ion Ratio	Lower	Upper
198 100		
51 25.7	4.2	44.2
105 26.0	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.80

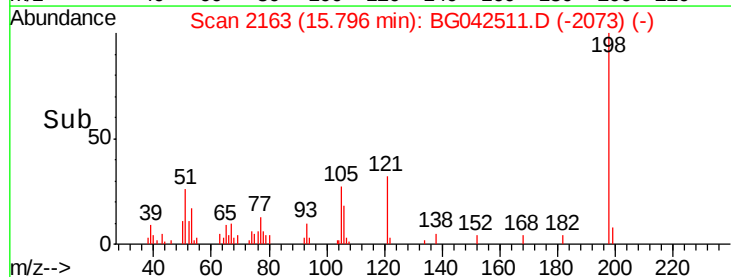
10000

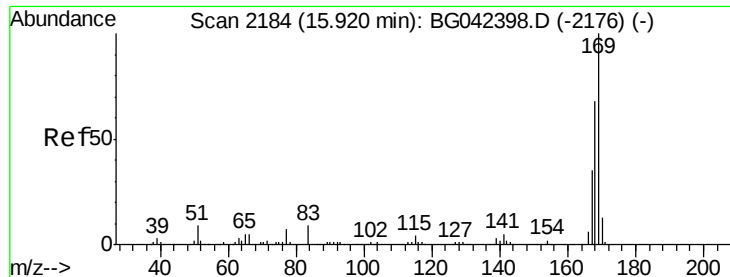
5000

0

15.70 15.80 15.90

Time-->





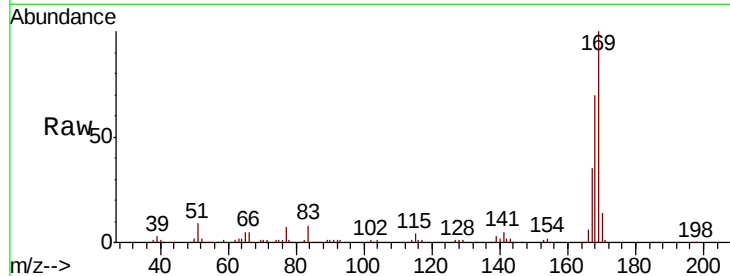
#66
 n-Nitrosodiphenylamine
 Concen: 22.606 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		151276		
168	70.1	54.3		81.5	
167	34.9	28.2		42.2	

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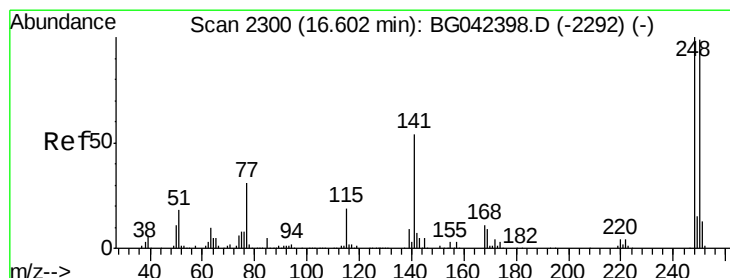
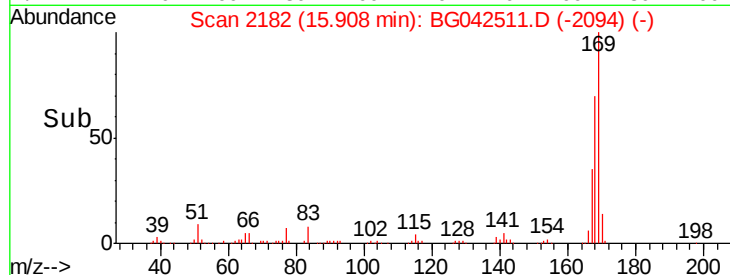
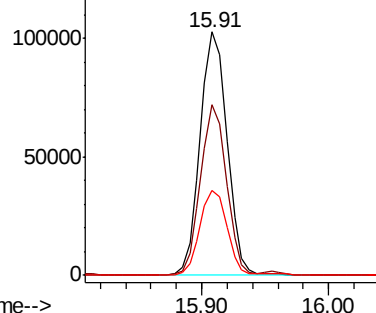


Abundance

Ion 169.00 (168.70 to 169.70): E

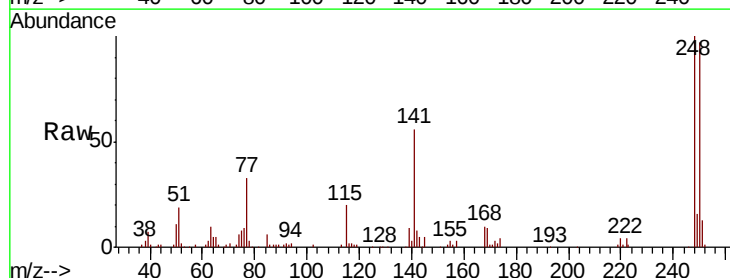
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 21.087 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		65085		
250	97.5	78.9		118.3	
141	56.5	43.3		64.9	

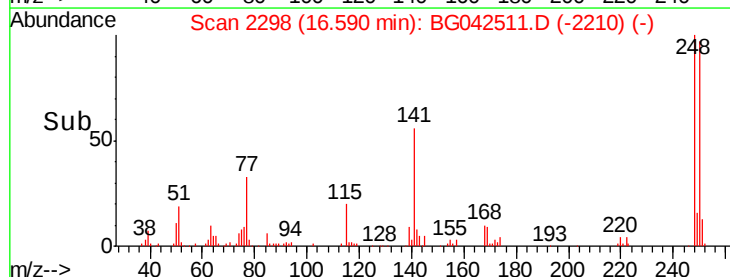
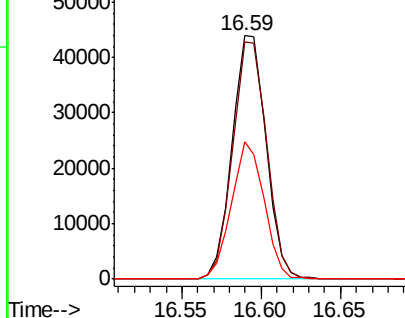


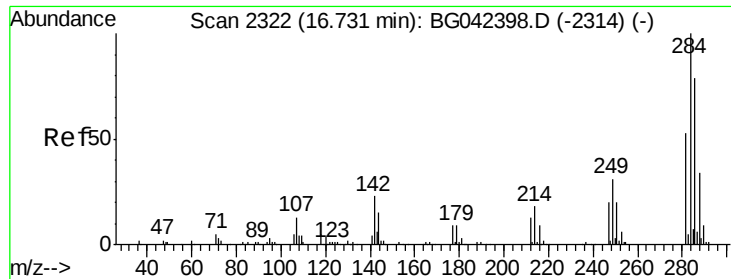
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





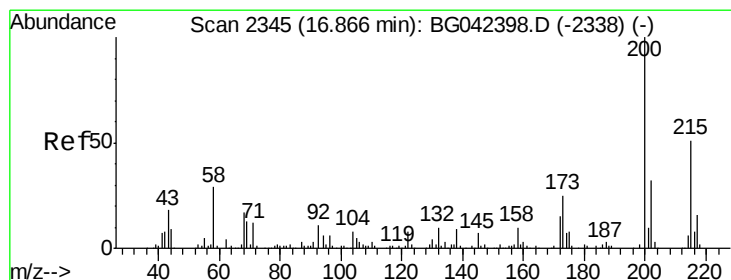
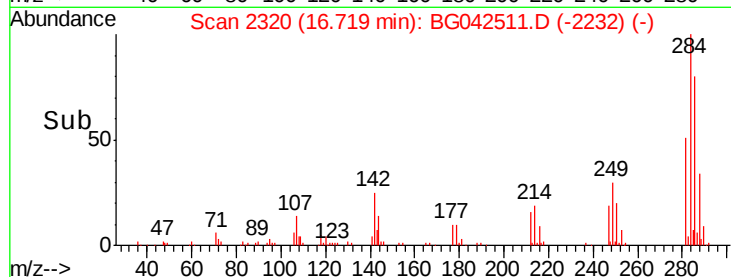
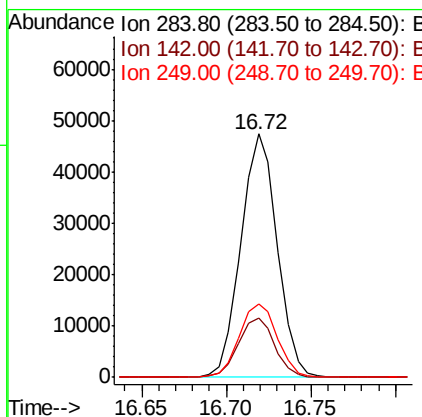
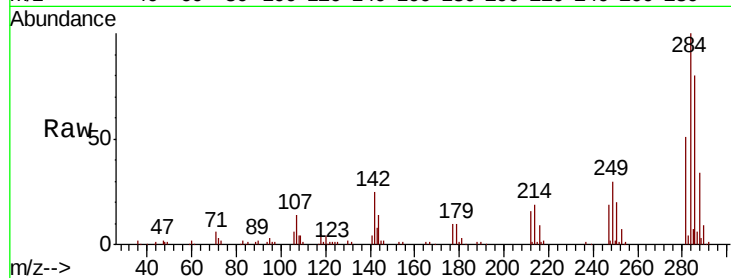
#68
Hexachlorobenzene
Concen: 21.070 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.5	18.2	27.4
249	30.2	25.0	37.4

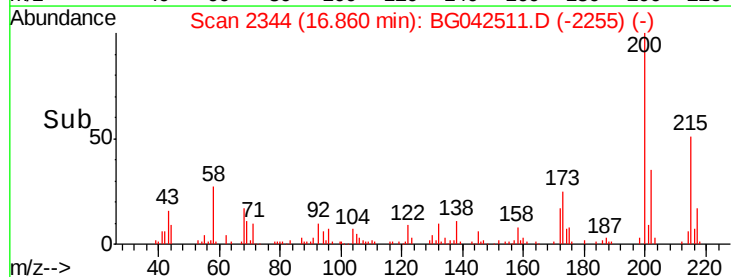
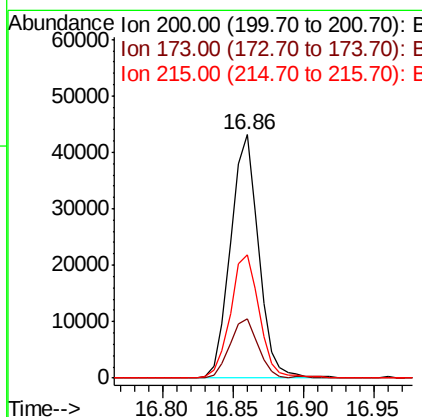
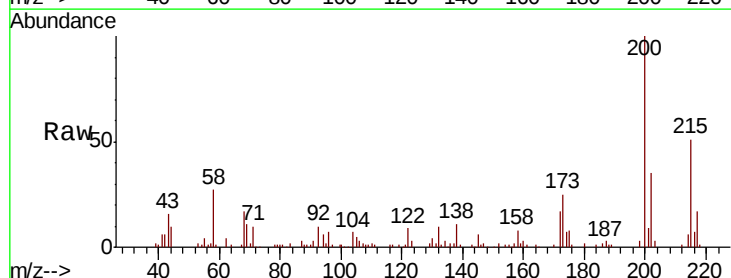
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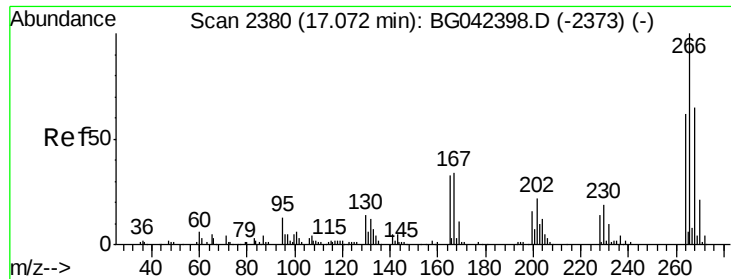
mohammad
8/29/2019 7:58:17 AM



#69
Atrazine
Concen: 25.256 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.9	44.9
215	50.9	30.7	70.7





#70

Pentachlorophenol

Concen: 21.883 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

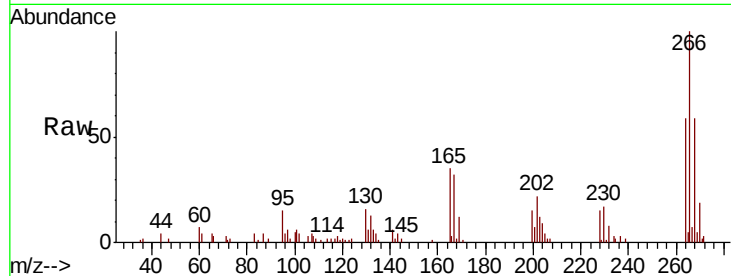
ClientSampleId :

S402-K1-1.0-1.5-082619MS

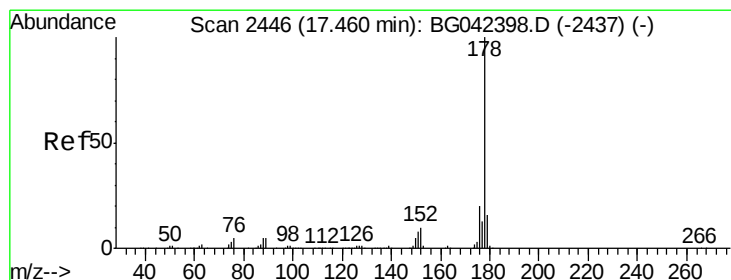
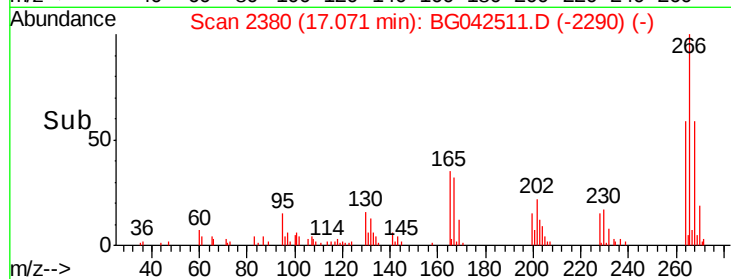
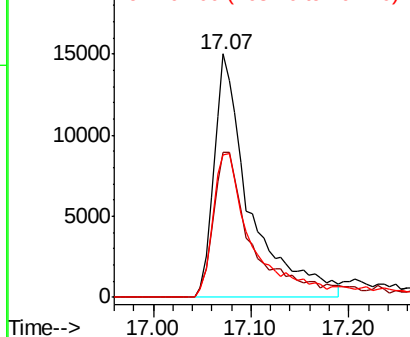
Tot Ion:	266	Resp:	38149
Ion Ratio	Lower	Upper	
266	100		
268	59.5	52.1	78.1
264	58.6	49.4	74.2

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



#71

Phenanthrene

Concen: 23.860 ng

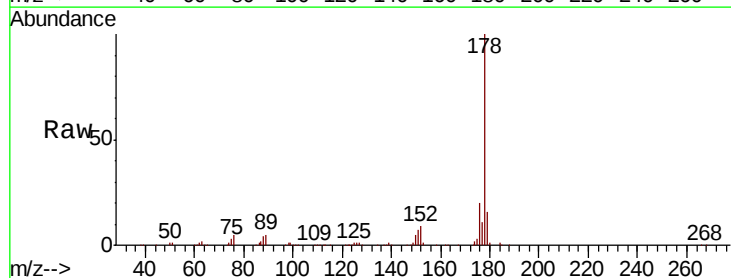
RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

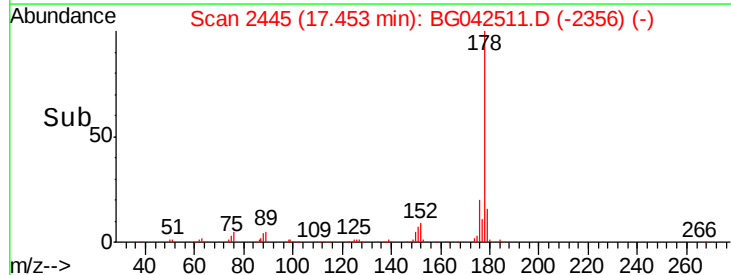
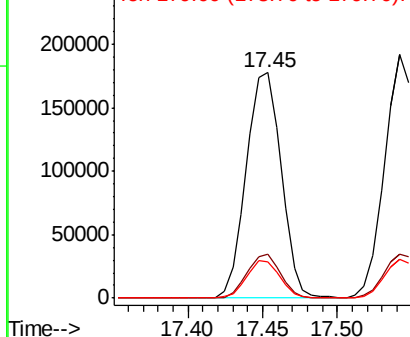
Lab File: BG042511.D

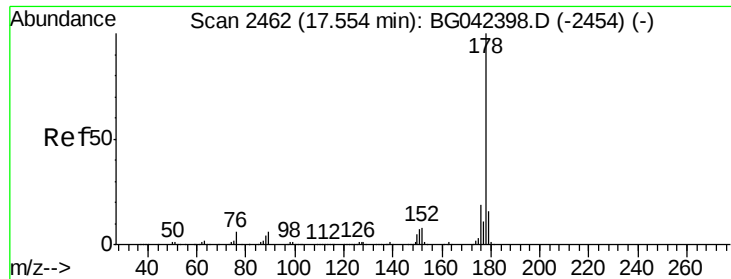
Acq: 27 Aug 2019 19:30

Tgt Ion:	178	Resp:	288387
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.9	23.9
179	16.3	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 24.227 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

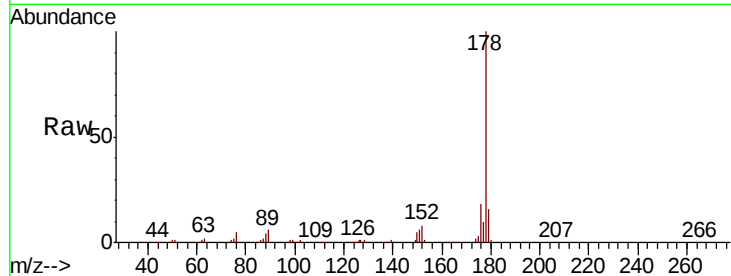
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:	178	Resp:	292328
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.5	23.3
179	15.8	12.9	19.3

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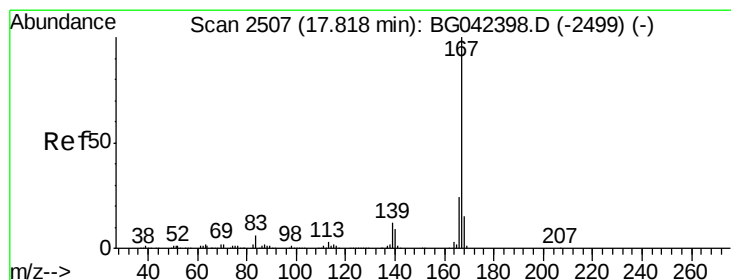
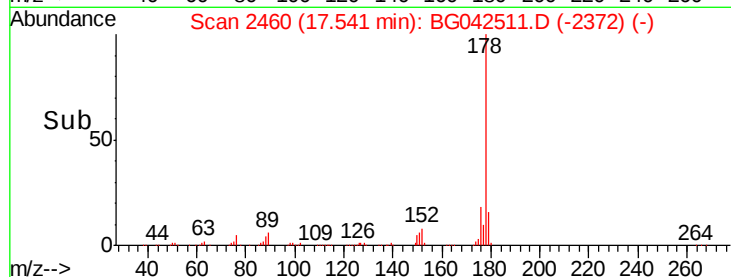
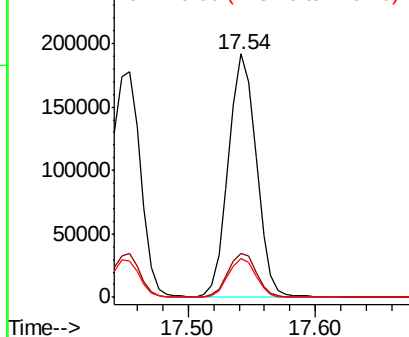


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 25.190 ng

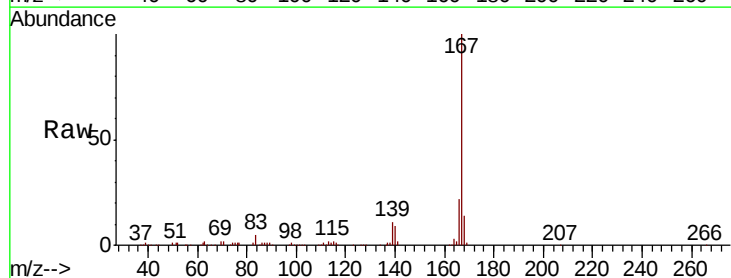
RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	167	Resp:	270896
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.9	28.3
139	11.4	9.8	14.6

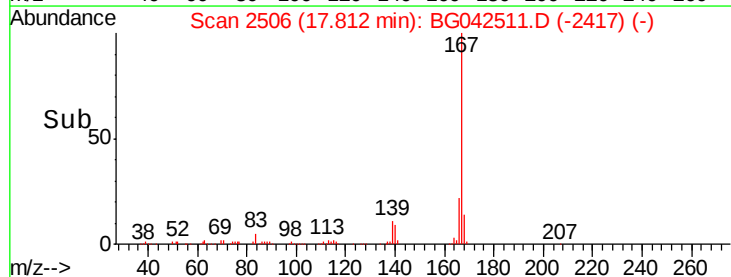
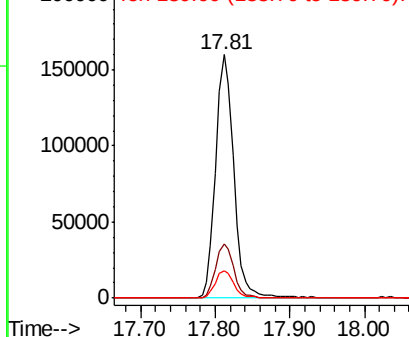


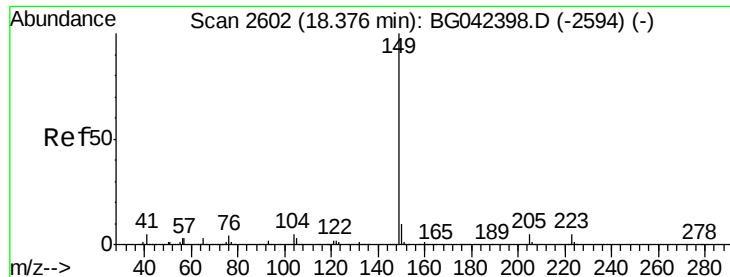
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





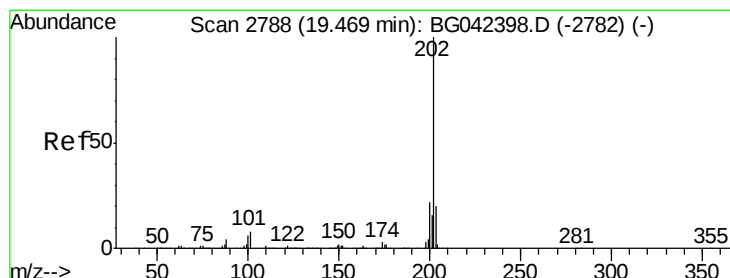
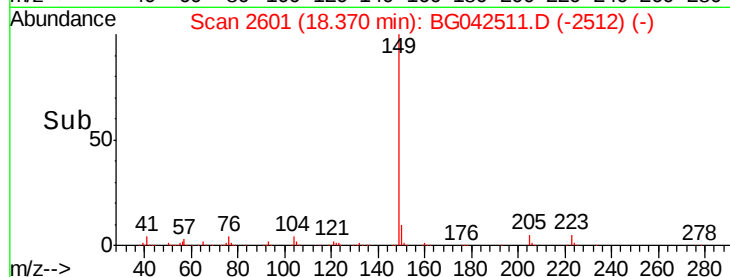
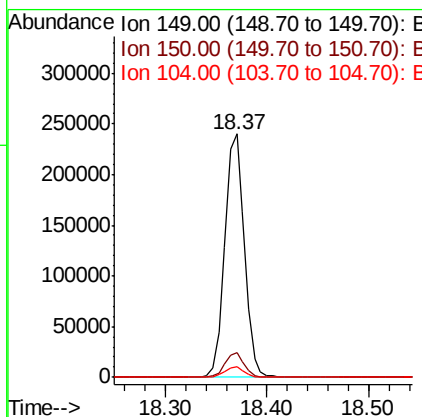
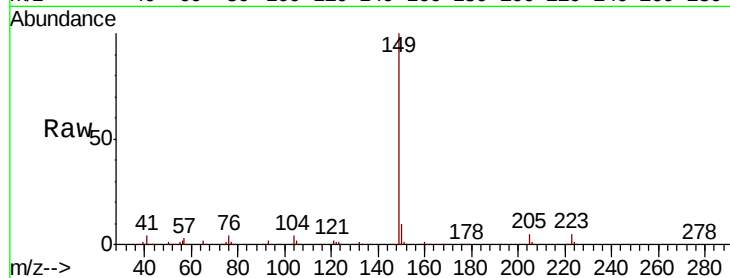
#74
Di-n-butylphthalate
Concen: 25.220 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.3	8.1	12.1	
104	4.1	3.7	5.5	

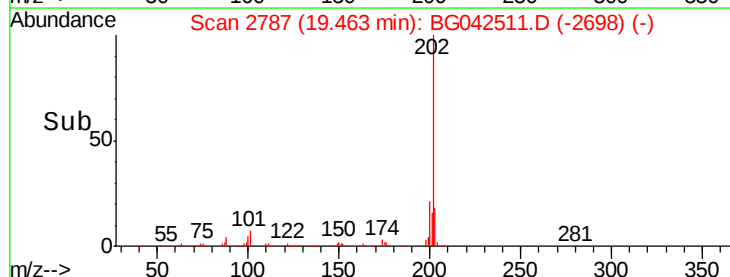
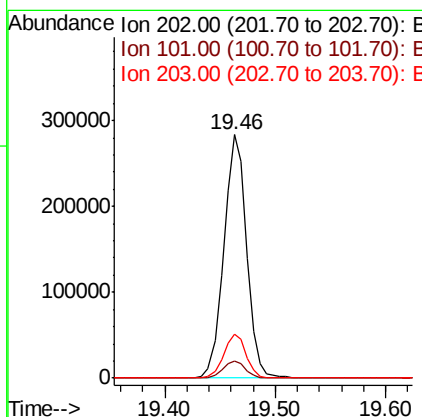
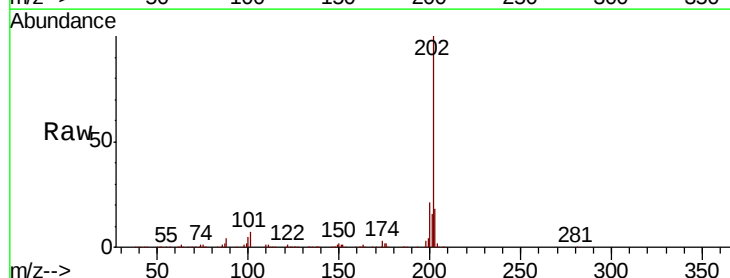
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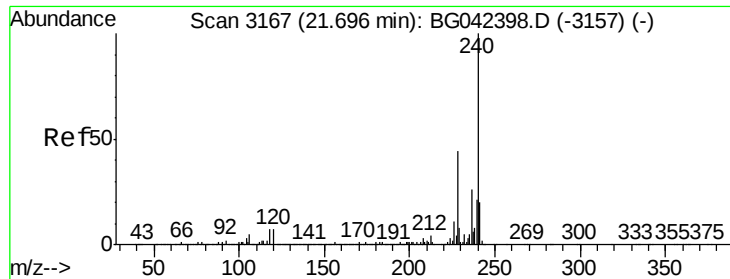
mohammad
8/29/2019 7:58:17 AM



#75
Fluoranthene
Concen: 27.629 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.0	0.0	28.3	
203	17.9	0.0	39.6	





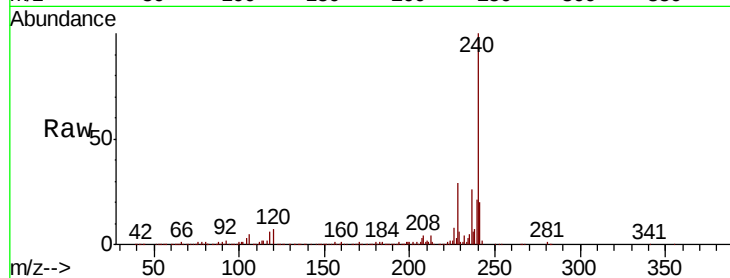
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	25.8	21.0	31.4

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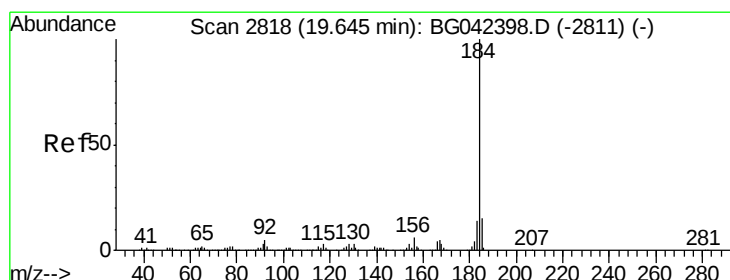
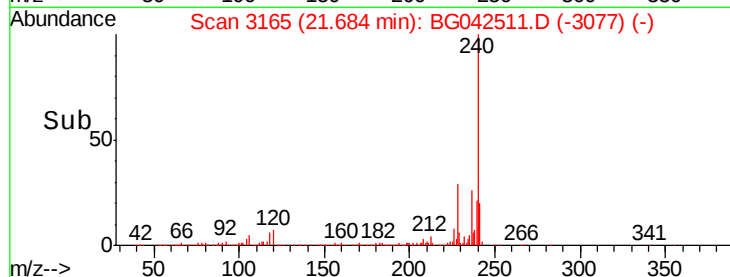
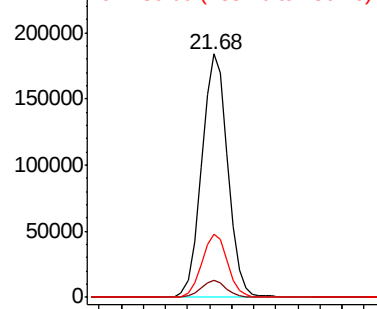


Abundance

Ion 240.00 (239.70 to 240.70): E

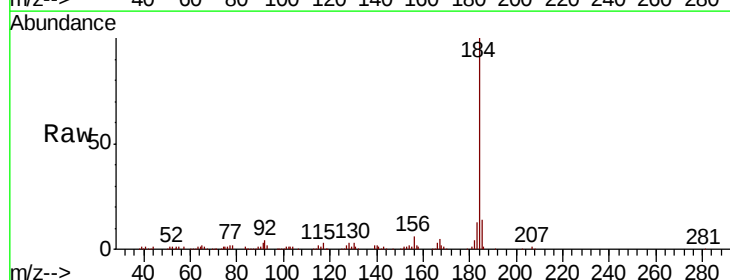
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 17.685 ng
RT: 19.64 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.2	18.4
183	12.6	10.8	16.2

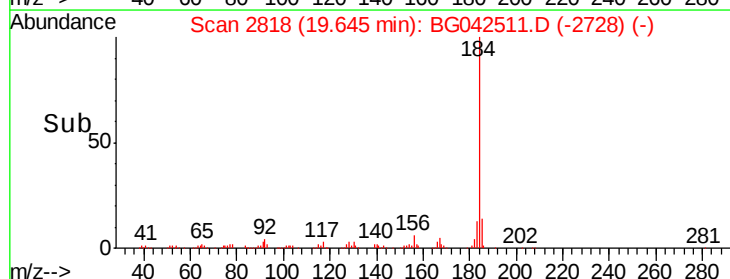
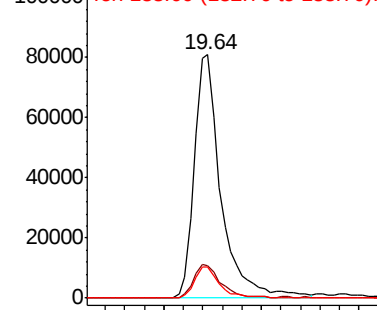


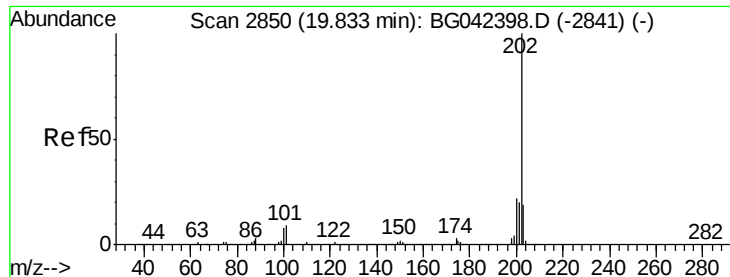
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 22.439 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

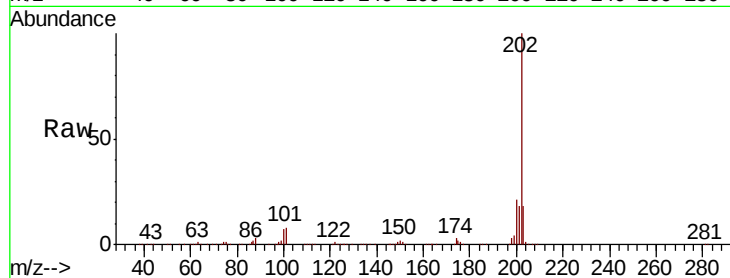
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:	202	Resp:	417594
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.5	15.5	23.3

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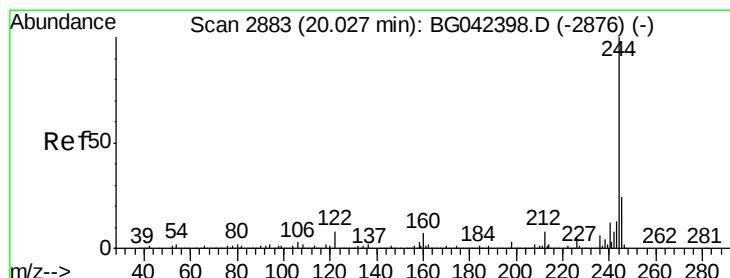
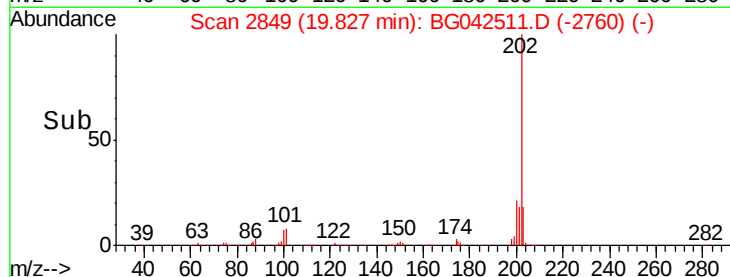
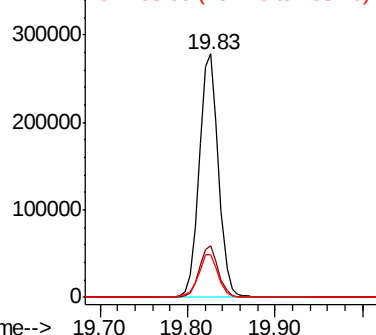


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 38.693 ng

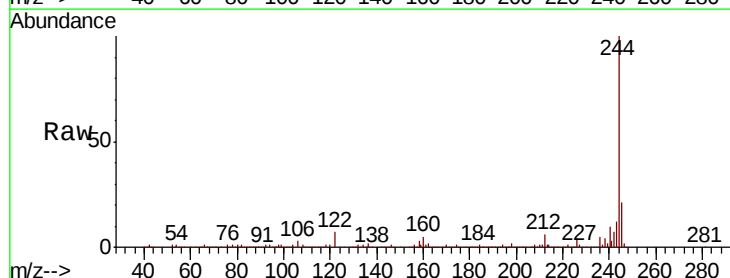
RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion:	244	Resp:	543284
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.0	9.0
122	6.9	6.7	10.1

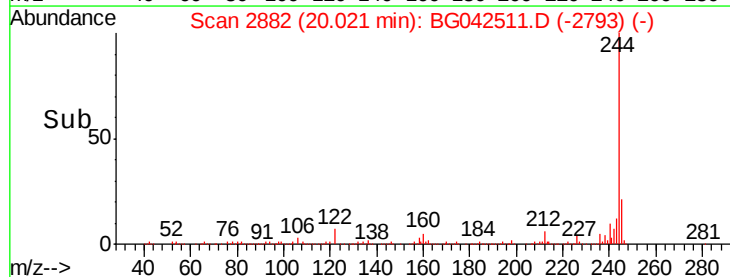
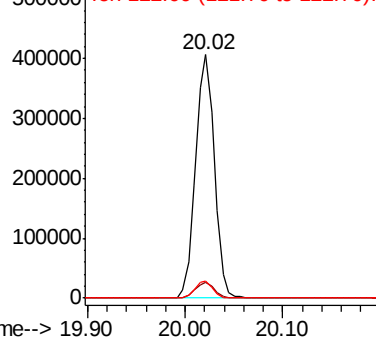


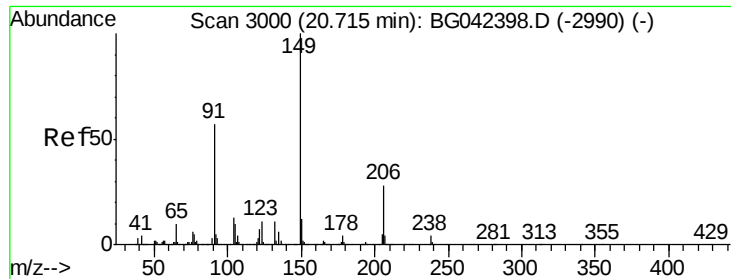
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





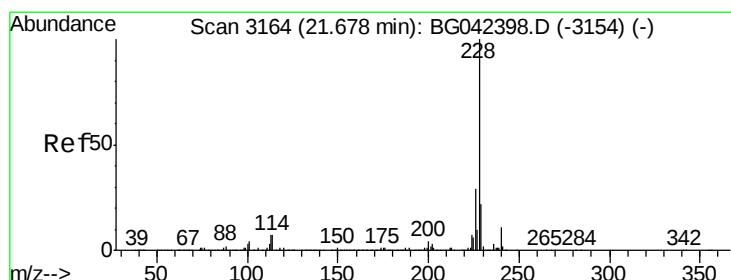
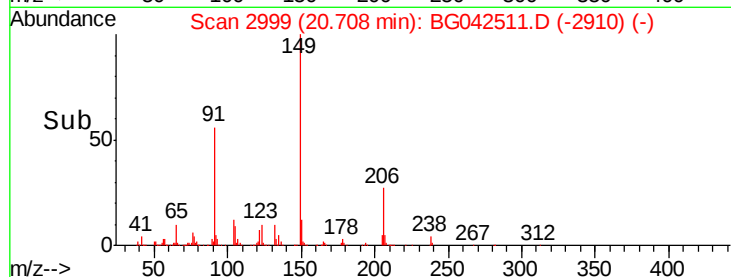
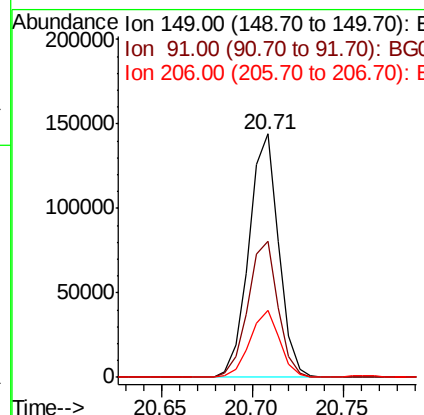
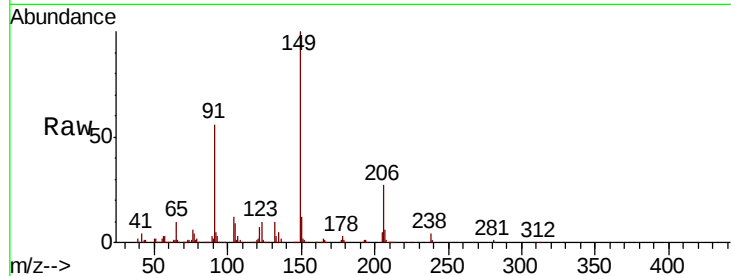
#80
Butylbenzylphthalate
Concen: 22.472 ng
RT: 20.71 min Scan# 2999
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		164491		
91	55.8	45.9	68.9		
206	27.4	22.5	33.7		

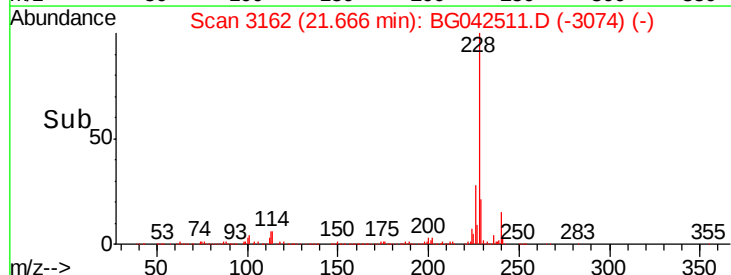
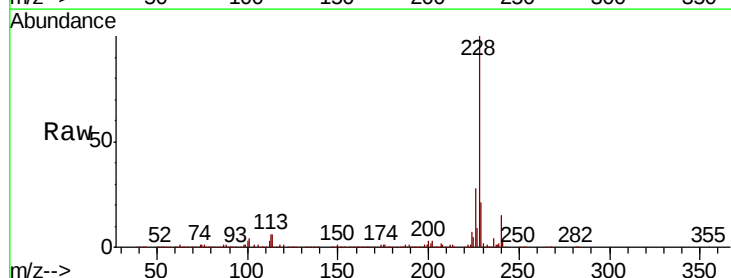
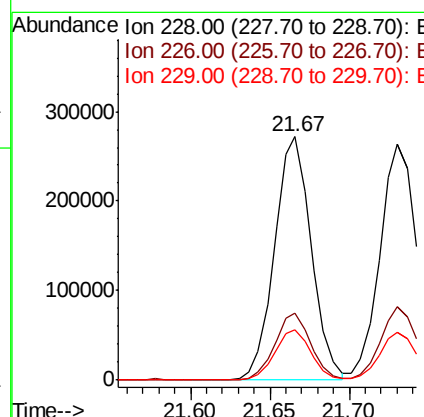
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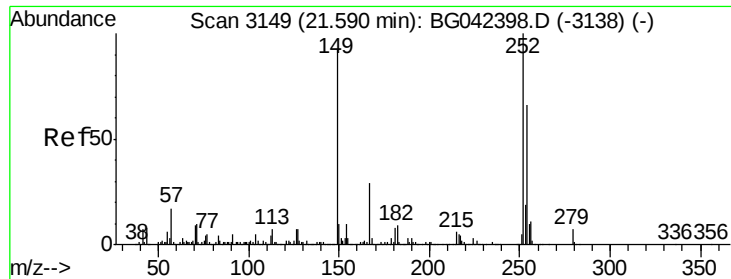
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#81
Benzo(a)anthracene
Concen: 23.650 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		436717		
226	27.6	23.4	35.2		
229	20.7	17.4	26.2		





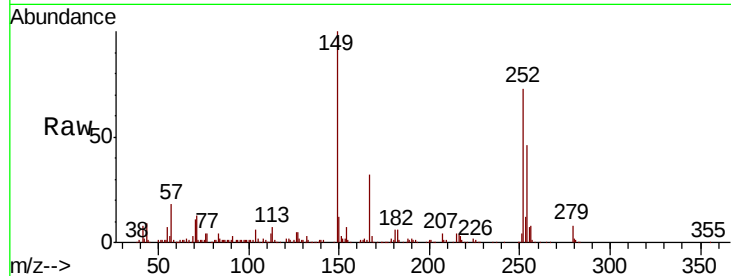
#82
 3,3'-Dichlorobenzidine
 Concen: 17.574 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.0	79.4
126	7.0	5.7	8.5

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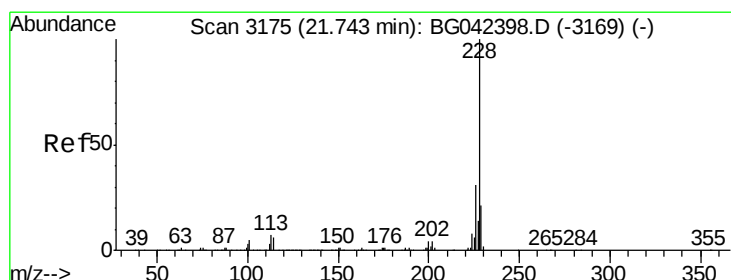
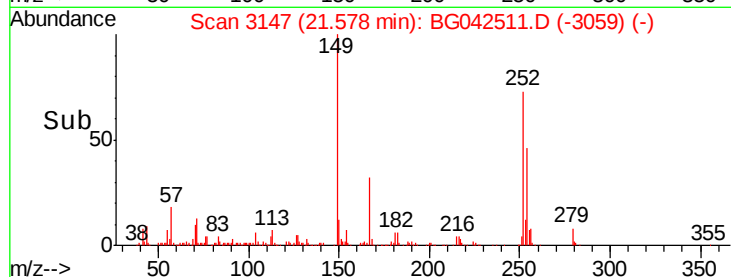
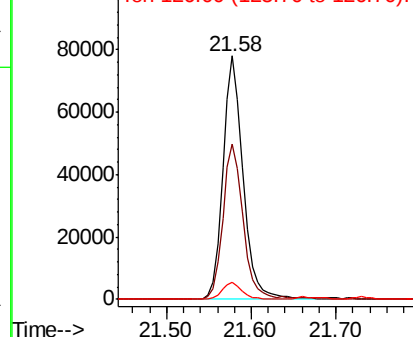


Abundance

Ion 252.00 (251.70 to 252.70): E

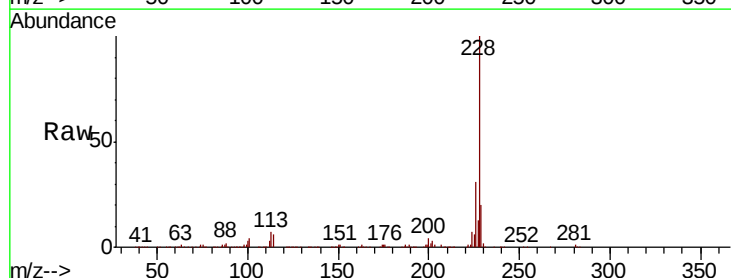
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 23.966 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.5	16.9	25.3

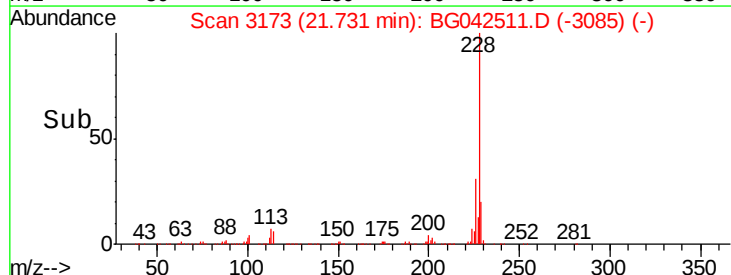
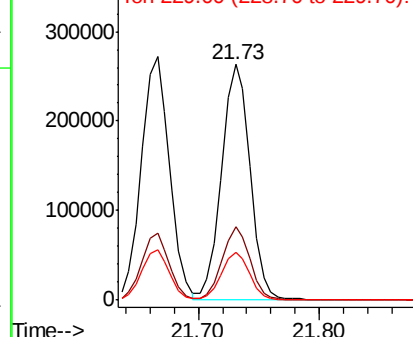


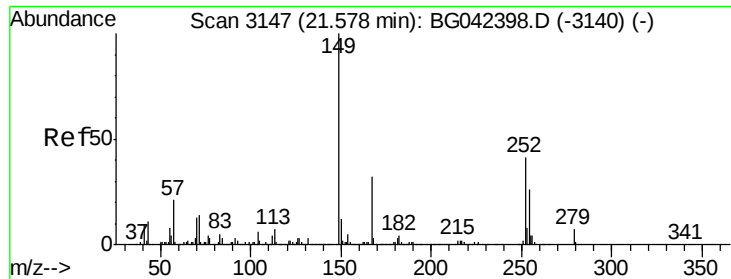
Abundance

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





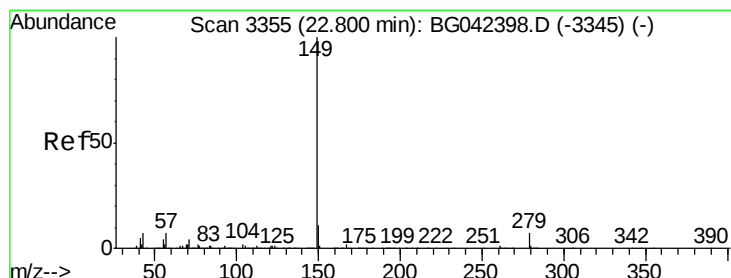
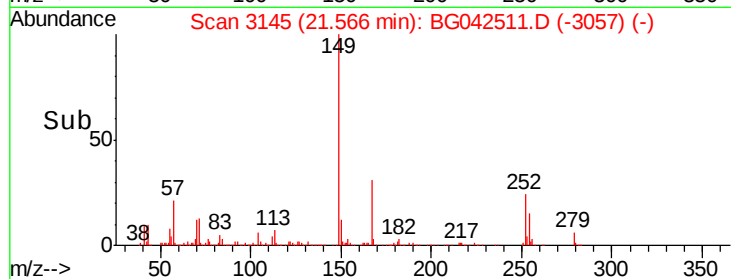
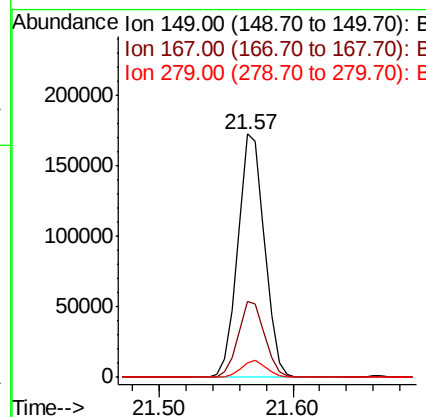
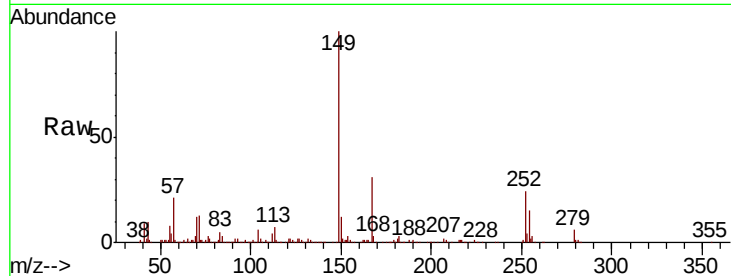
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.637 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	26.0	39.0
279	6.0	5.4	8.0

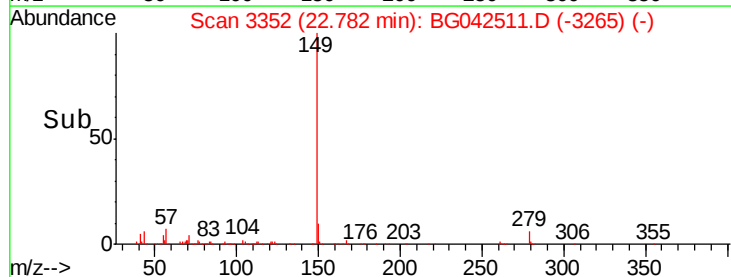
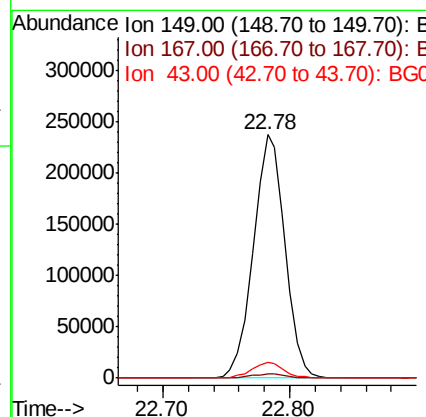
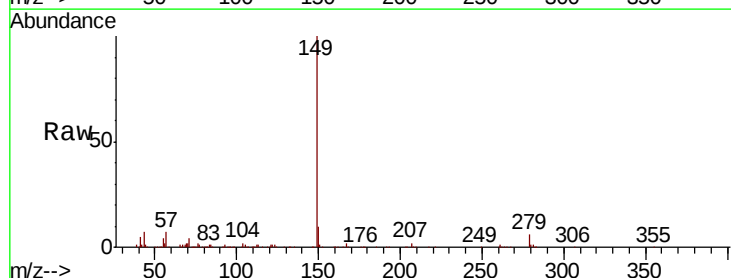
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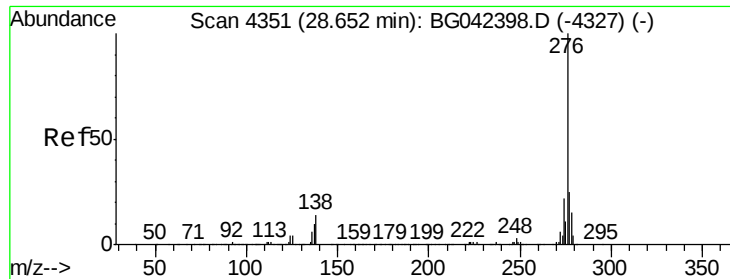
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#85
 Di-n-octyl phthalate
 Concen: 23.496 ng
 RT: 22.78 min Scan# 3352
 Delta R.T. -0.02 min
 Lab File: BG042511.D
 Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.2	5.3	7.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 22.510 ng

RT: 28.62 min Scan# 4346

Delta R.T. -0.03 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

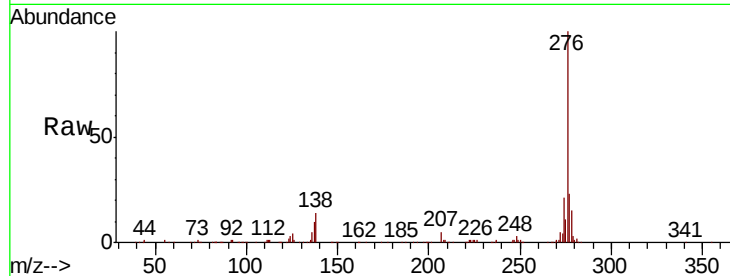
ClientSampleId :

S402-K1-1.0-1.5-082619MS

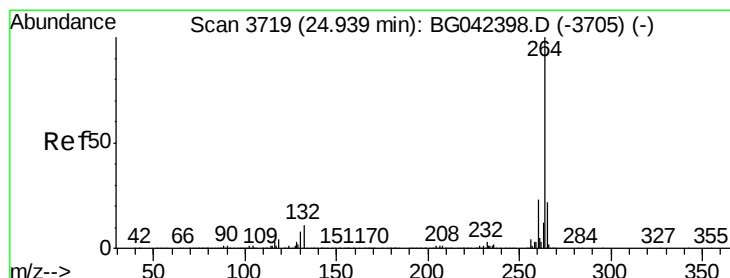
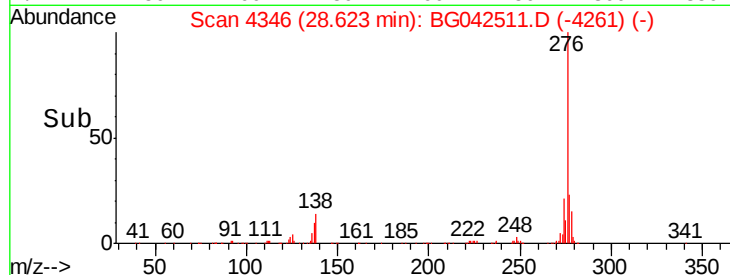
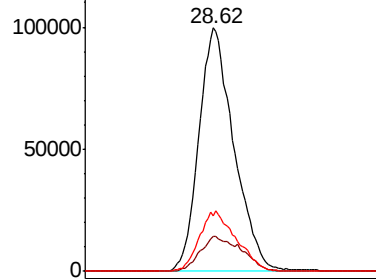
Tot Ion:	276	Resp:	544768
Ion Ratio	Lower	Upper	
276	100		
138	16.8	9.2	13.8#
277	26.0	21.0	31.6

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



#87

Perylene-d12

Concen: 20.000 ng

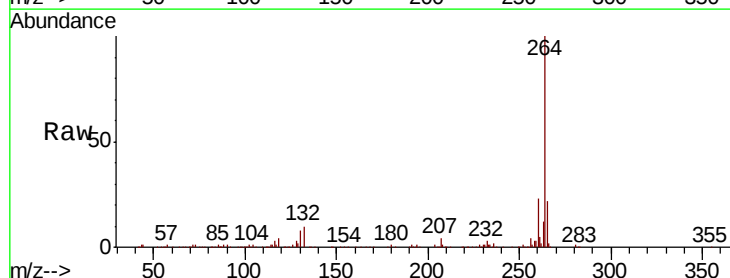
RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

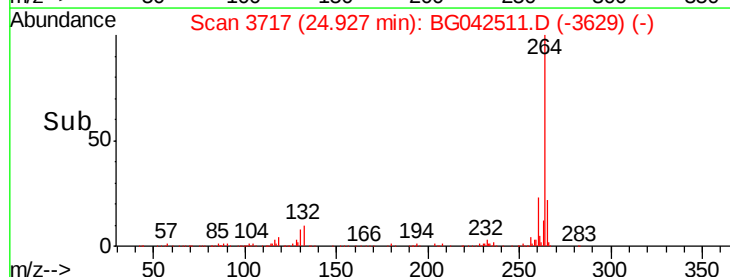
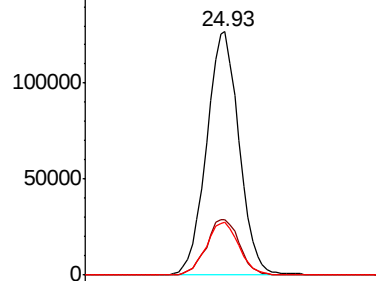
Lab File: BG042511.D

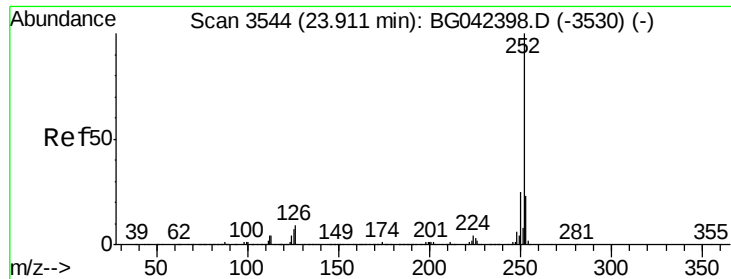
Acq: 27 Aug 2019 19:30

Tgt Ion:	264	Resp:	361024
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.5	27.7
265	21.7	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 23.875 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

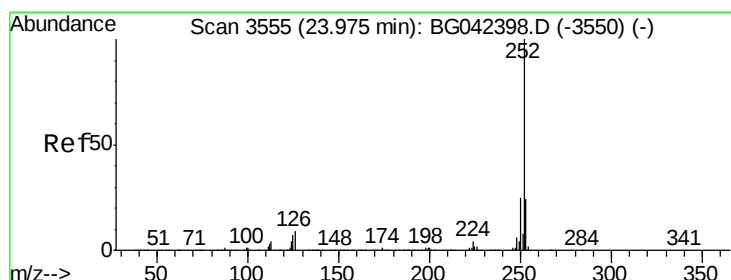
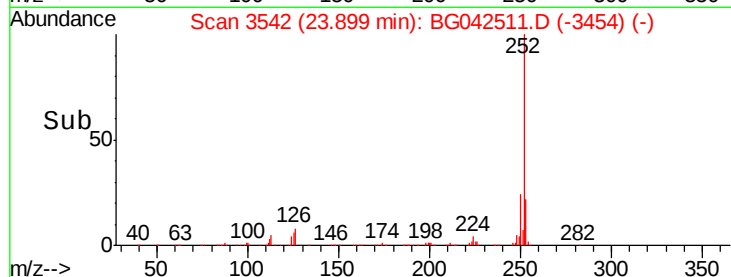
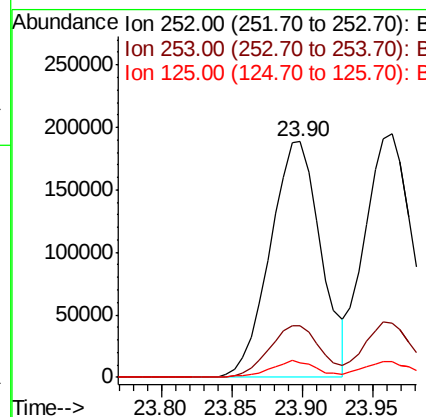
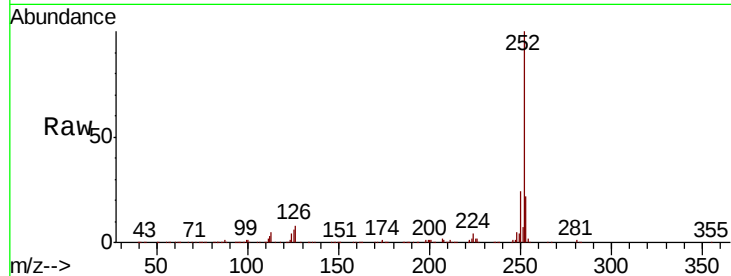
ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	6.4	5.6	8.4

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#89

Benzo(k)fluoranthene

Concen: 24.290 ng

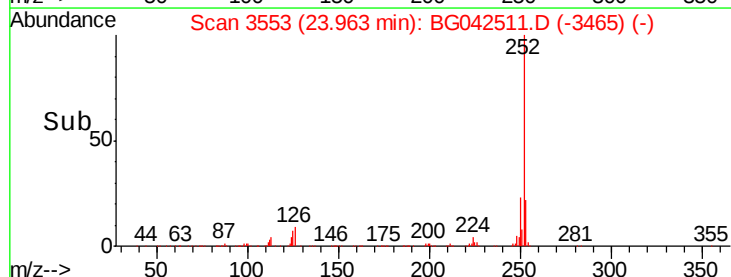
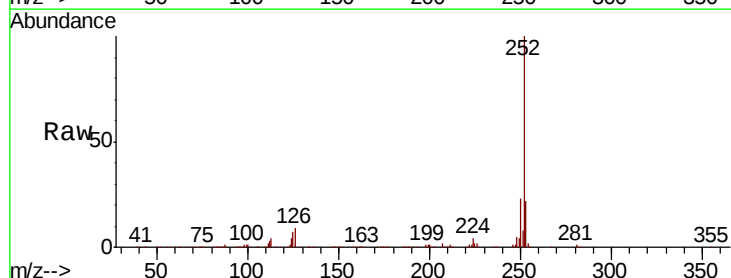
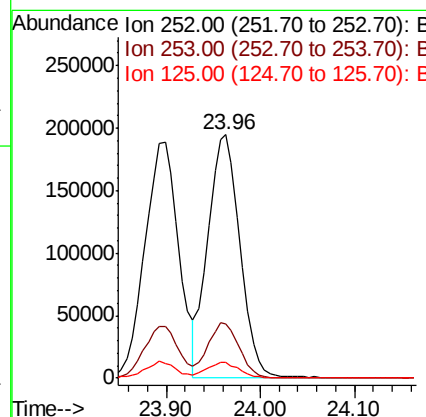
RT: 23.96 min Scan# 3553

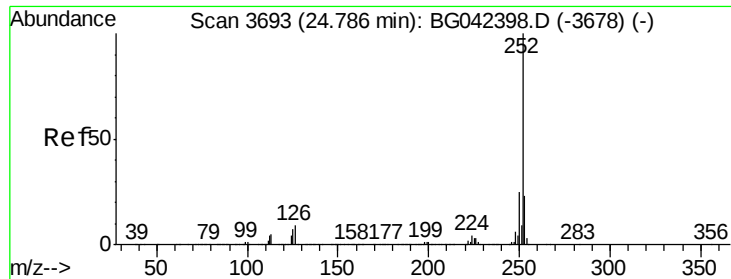
Delta R.T. -0.01 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	6.6	5.8	8.6





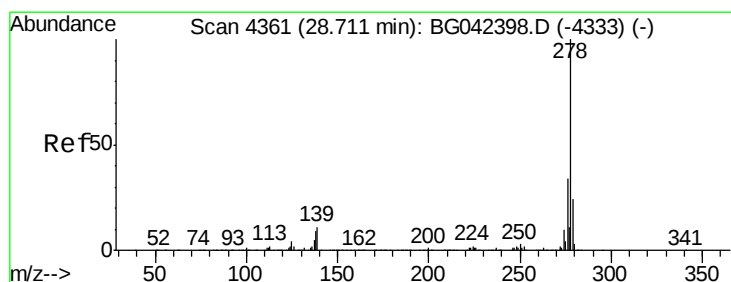
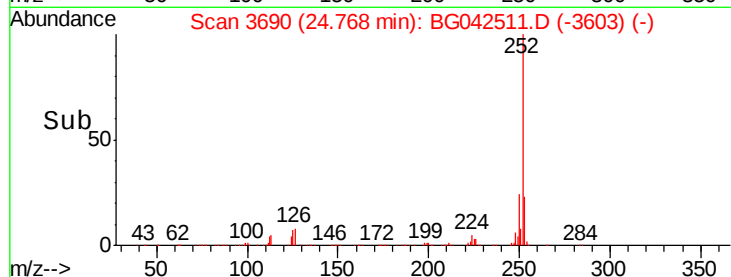
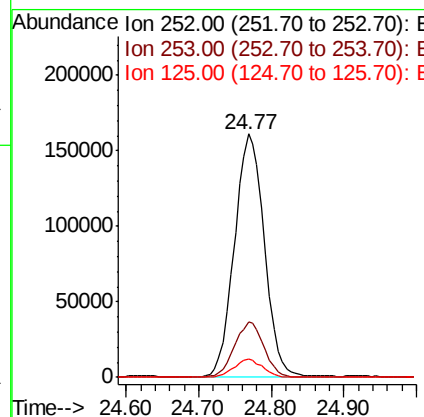
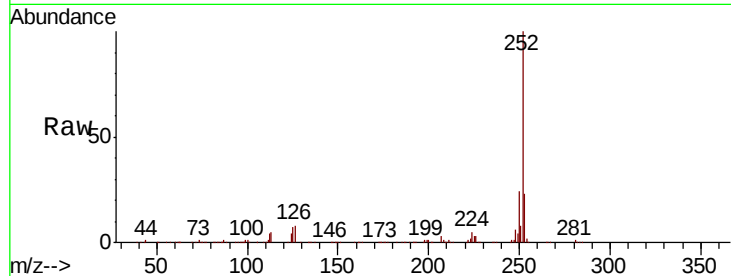
#90
Benzo(a)pyrene
Concen: 24.569 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	7.3	6.0	9.0

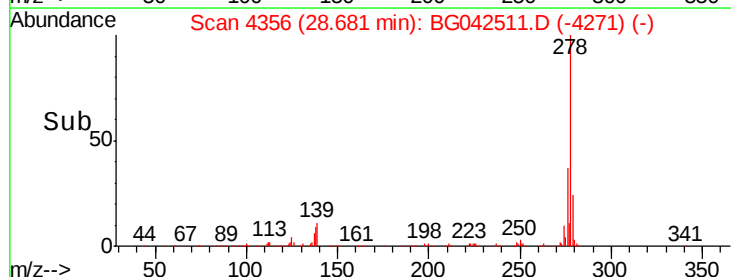
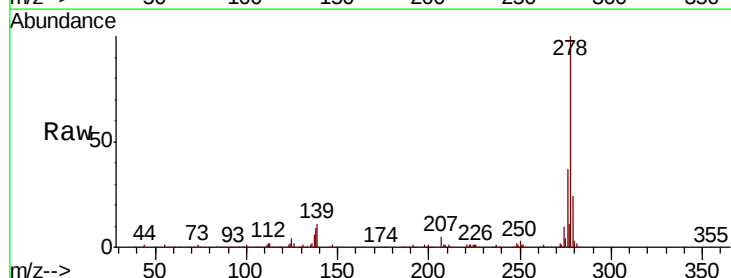
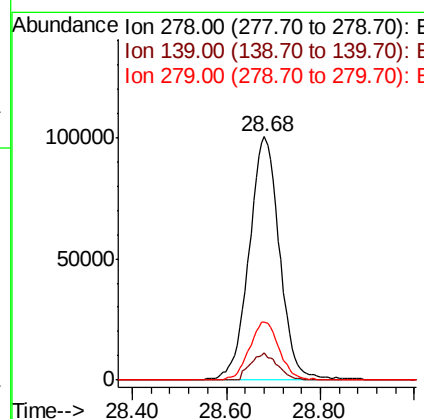
Manual Integrations
APPROVED

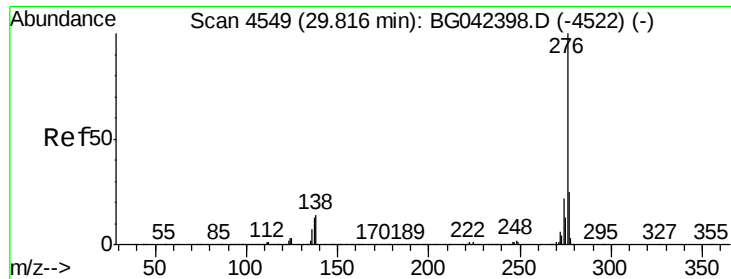
mohammad
8/29/2019 7:58:17 AM



#91
Dibenzo(a,h)anthracene
Concen: 23.709 ng
RT: 28.68 min Scan# 4356
Delta R.T. -0.03 min
Lab File: BG042511.D
Acq: 27 Aug 2019 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	8.8	13.2
279	23.7	19.1	28.7





#92

Benzo(a,h,i)perylene

Concen: 23.831 ng

RT: 29.78 min Scan# 4543

Delta R.T. -0.04 min

Lab File: BG042511.D

Acq: 27 Aug 2019 19:30

Instrument :

BNA_G

ClientSampleId :

S402-K1-1.0-1.5-082619MS

Tot Ion:	276	Resp:	454504
Ion Ratio		Lower	Upper
276	100		
277	22.7	19.8	29.8
138	13.8	11.4	17.0

Manual Integrations
APPROVED

mohammad
8/29/2019 7:58:17 AM

