

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042494.D
 Acq On : 26 Aug 2019 11:12
 Operator : HP/JU
 Sample : PB122218BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:51:31 AM

Quant Time: Aug 27 01:42:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	49192	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	199652	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	138790	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	315692	20.00	ng	0.00
76) Chrysene-d12	21.69	240	343447	20.00	ng	0.00
87) Perylene-d12	24.92	264	373067	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	278453	114.64	ng	0.00
7) Phenol-d6	7.17	99	352145	107.33	ng	0.00
23) Nitrobenzene-d5	9.16	82	177264	61.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	188453	95.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	536471	65.37	ng	0.00
79) Terphenyl-d14	20.02	244	996103	62.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	37950	37.440	ng	98
3) Pyridine	3.82	79	82067	31.575	ng	98
4) n-Nitrosodimethylamine	3.73	42	36952	39.805	ng	86
6) Aniline	7.32	93	127419	29.118	ng	98
8) 2-Chlorophenol	7.57	128	122196	41.512	ng	96
9) Benzaldehyde	7.12	77	74057	45.087	ng	95
10) Phenol	7.20	94	139380	41.783	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	101602	38.782	ng	99
12) 1,3-Dichlorobenzene	7.89	146	138139	36.889	ng	99
13) 1,4-Dichlorobenzene	8.04	146	140181	36.957	ng	98
14) 1,2-Dichlorobenzene	8.35	146	132744	36.544	ng	98
15) Benzyl Alcohol	8.24	79	89769	38.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	131144	36.933	ng	99
17) 2-Methylphenol	8.45	107	99043	40.310	ng	95
18) Hexachloroethane	9.09	117	46934	36.144	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	76459	35.972	ng	98
20) 3+4-Methylphenols	8.78	107	132486	38.968	ng	99
22) Acetophenone	8.82	105	168719	39.511	ng	97
24) Nitrobenzene	9.21	77	113488	38.790	ng	99
25) Isophorone	9.73	82	214350	37.593	ng	98
26) 2-Nitrophenol	9.93	139	69547	37.933	ng	95
27) 2,4-Dimethylphenol	9.99	122	110331	43.686	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	134884	37.533	ng	98
29) 2,4-Dichlorophenol	10.47	162	130103	39.374	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	146007	35.999	ng	97
31) Naphthalene	10.87	128	358900	38.719	ng	99
32) Benzoic acid	10.13	122	52531	31.951	ng	99
33) 4-Chloroaniline	10.98	127	96710	22.601	ng	96
34) Hexachlorobutadiene	11.16	225	94691	34.739	ng	99
35) Caprolactam	11.75	113	39897	36.185	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	119826	38.201	ng	98
37) 2-Methylnaphthalene	12.48	142	281463	37.817	ng	99
38) 1-Methylnaphthalene	12.70	142	262417	37.118	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174441	39.138	ng	99

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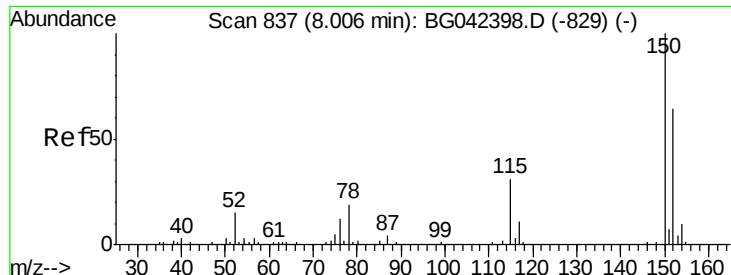
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	190967	81.567	nq	100
43) 2,4,6-Trichlorophenol	13.09	196	115475	38.330	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	123074	39.422	nq	96
46) 1,1'-Biphenyl	13.49	154	364606	40.640	nq	99
47) 2-Chloronaphthalene	13.53	162	292798	37.850	nq	99
48) 2-Nitroaniline	13.73	65	68830	36.898	nq	96
49) Acenaphthylene	14.38	152	465165	39.969	nq	99
50) Dimethylphthalate	14.11	163	372198	37.167	nq	99
51) 2,6-Dinitrotoluene	14.23	165	88443	38.102	nq	99
52) Acenaphthene	14.72	154	270484	38.275	nq	99
53) 3-Nitroaniline	14.56	138	63030	27.151	nq	99
54) 2,4-Dinitrophenol	14.77	184	94428	61.886	nq	98
55) Dibenzofuran	15.06	168	459649	39.294	nq	100
56) 4-Nitrophenol	14.89	139	133279	80.797	nq	99
57) 2,4-Dinitrotoluene	15.02	165	125081	37.630	nq	95
58) Fluorene	15.71	166	372089	38.912	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	117276m	37.985	nq	
60) Diethylphthalate	15.47	149	363651	37.147	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	211897	36.760	nq	98
62) 4-Nitroaniline	15.73	138	91135	36.681	nq	98
63) Azobenzene	15.99	77	265018	39.508	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	79919	40.378	nq	97
66) n-Nitrosodiphenylamine	15.91	169	342340	39.432	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	144139	35.996	nq	99
68) Hexachlorobenzene	16.73	284	150648	34.608	nq	98
69) Atrazine	16.86	200	124529	40.561	nq	100
70) Pentachlorophenol	17.07	266	174675	77.230	nq	98
71) Phenanthrene	17.45	178	621003	39.602	nq	100
72) Anthracene	17.55	178	631890	40.365	nq	99
73) Carbazole	17.82	167	564301	40.447	nq	98
74) Di-n-butylphthalate	18.37	149	663618	40.238	nq	100
75) Fluoranthene	19.47	202	814040	42.536	nq	98
77) Benzidine	19.65	184	349188	35.462	nq	99
78) Pyrene	19.83	202	821581	39.018	nq	100
80) Butylbenzylphthalate	20.71	149	322643	38.957	nq	99
81) Benzo(a)anthracene	21.67	228	812732	38.901	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	276552	32.913	nq	99
83) Chrysene	21.74	228	784524	38.936	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	460359	40.034	nq	98
85) Di-n-octyl phthalate	22.78	149	800636	40.482	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1030766	37.644	nq	# 94
88) Benzo(b)fluoranthene	23.90	252	898863	43.826	nq	99
89) Benzo(k)fluoranthene	23.97	252	858820	43.563	nq	99
90) Benzo(a)pyrene	24.77	252	880946	45.265	nq	100
91) Dibenzo(a,h)anthracene	28.69	278	855314	43.405	nq	99
92) Benzo(g,h,i)perylene	29.79	276	862691	43.773	nq	98

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



#1

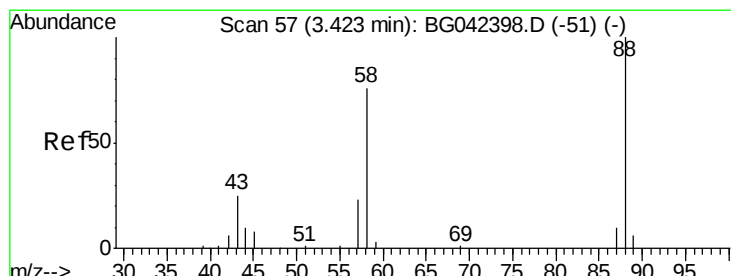
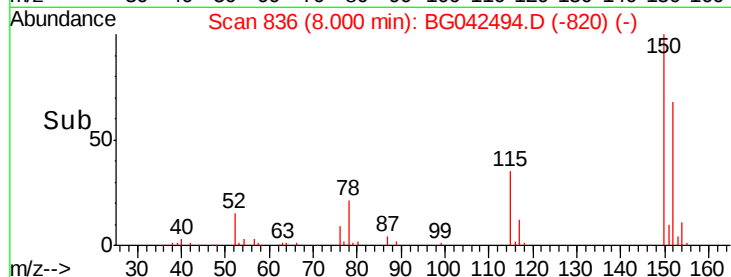
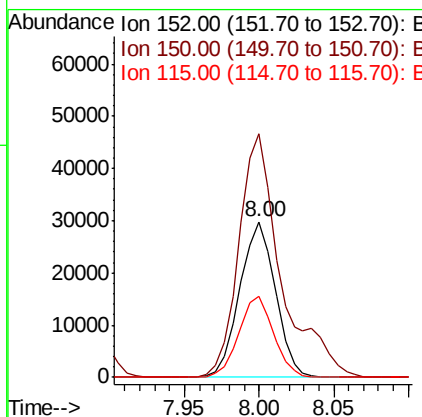
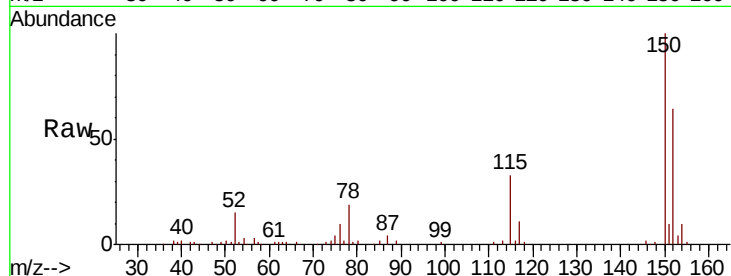
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.4	188.0
115	52.1	38.5	57.7

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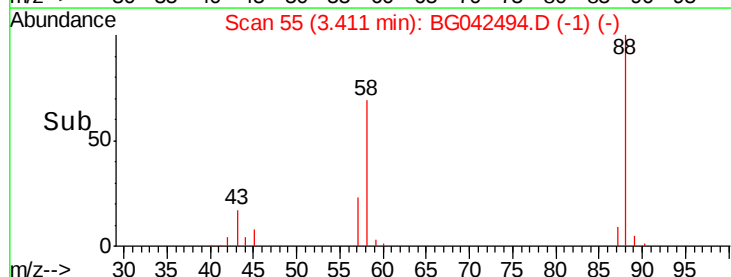
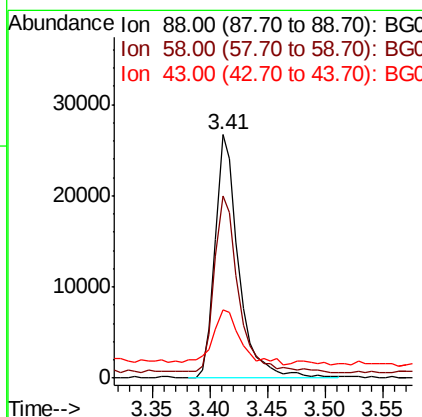
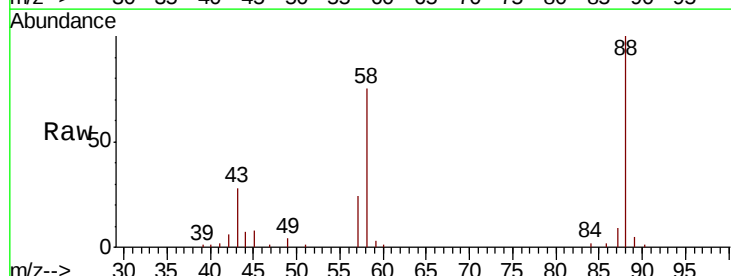
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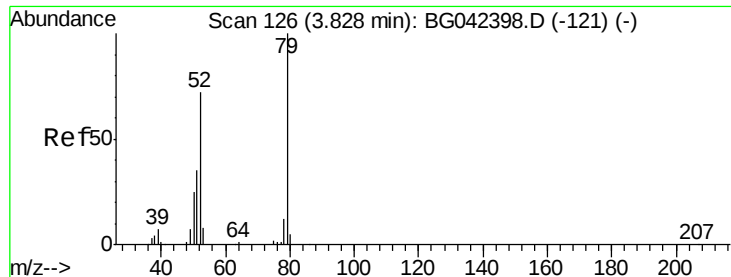


#2

1,4-Dioxane
Concen: 37.440 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	58.3	87.5
43	25.9	20.2	30.2





#3

Pvridine

Concen: 31.575 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

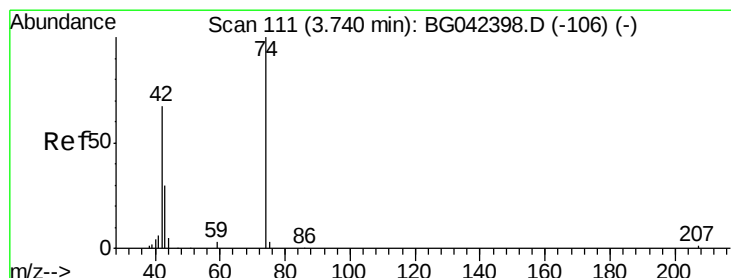
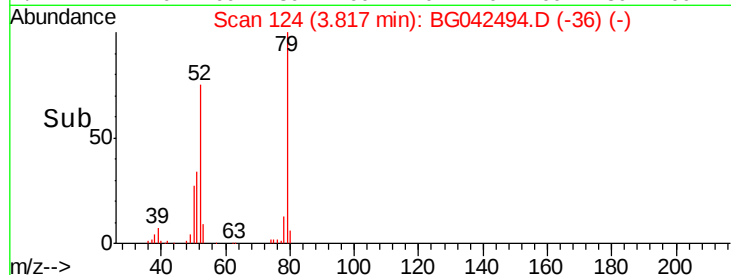
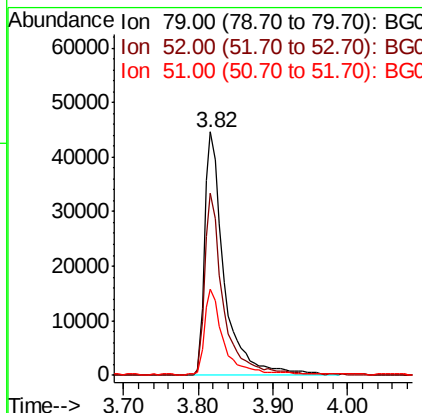
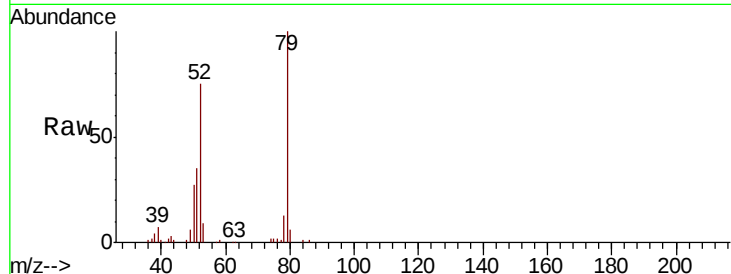
ClientSampleId :

PB122218BS

Tot Ion:	79	Resp:	82067
Ion	Ratio	Lower	Upper
79	100		
52	74.7	57.7	86.5
51	35.3	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 39.805 ng

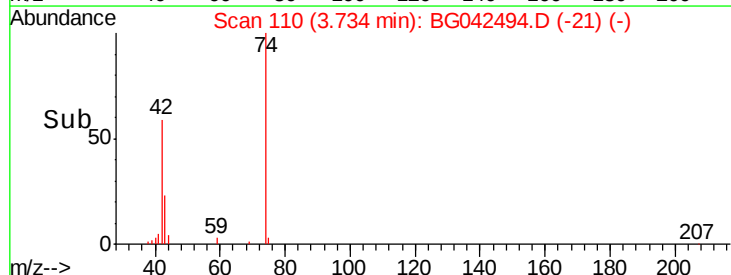
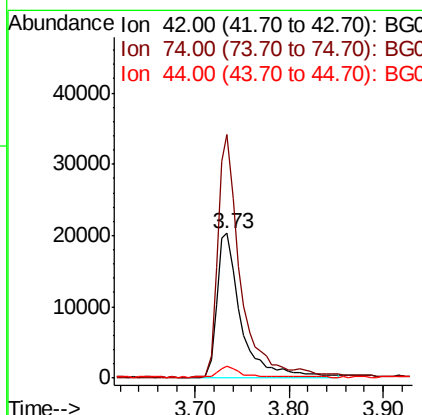
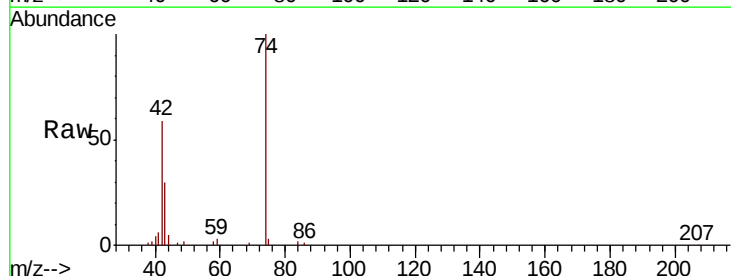
RT: 3.73 min Scan# 110

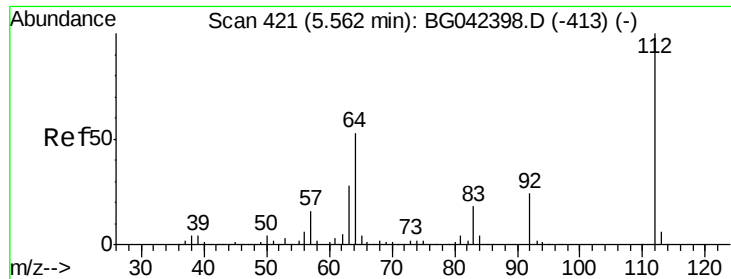
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	42	Resp:	36952
Ion	Ratio	Lower	Upper
42	100		
74	168.2	119.6	179.4
44	8.0	6.5	9.7





#5

2-Fluorophenol

Concen: 114.642 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

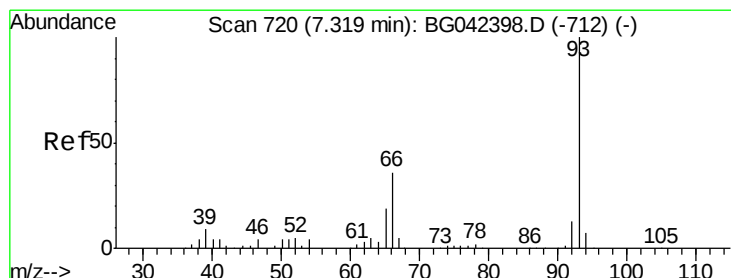
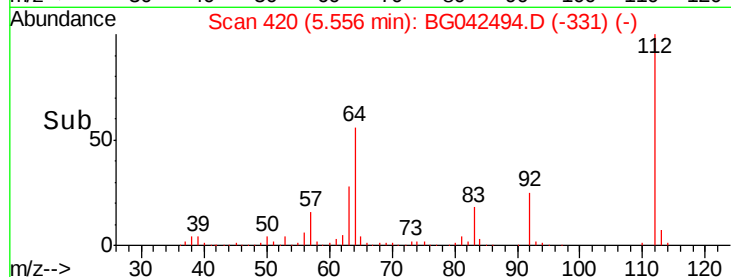
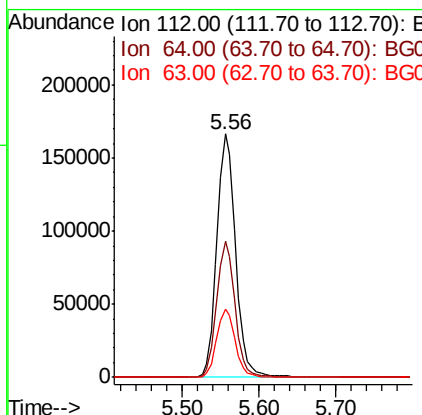
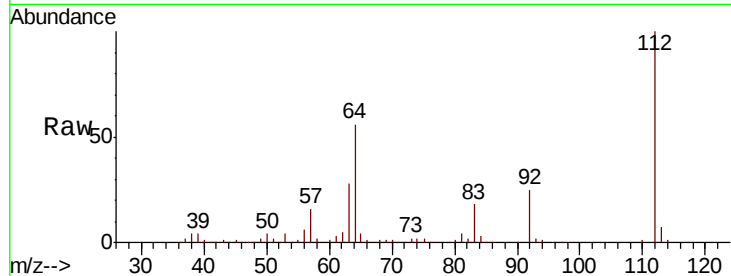
ClientSampled :

PB122218BS

Tot Ion:	112	Resp:	278453
Ion Ratio	Lower	Upper	
112	100		
64	56.0	42.8	64.2
63	27.9	22.7	34.1

Manual Integrations
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#6

Aniline

Concen: 29.118 ng

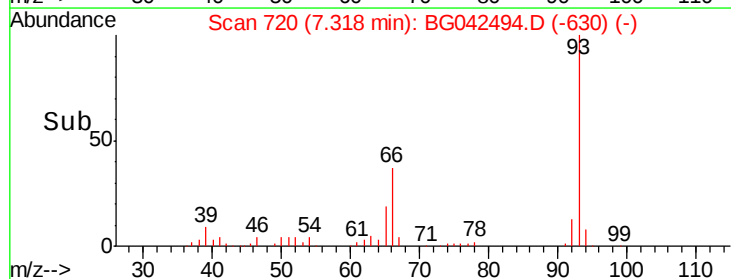
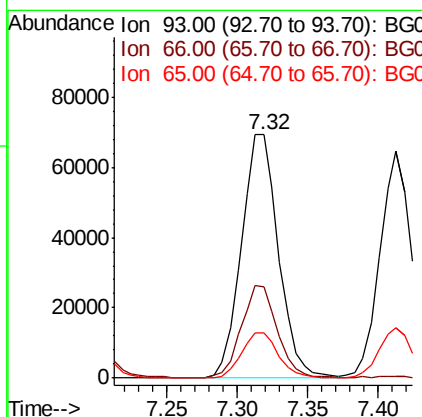
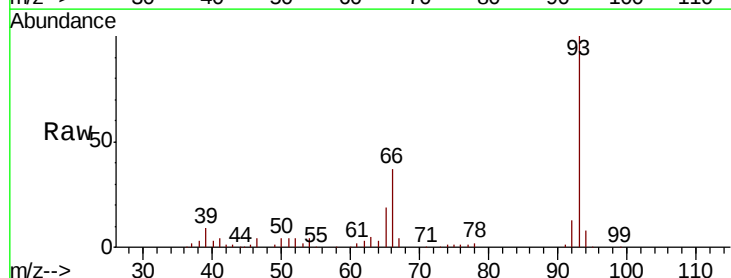
RT: 7.32 min Scan# 720

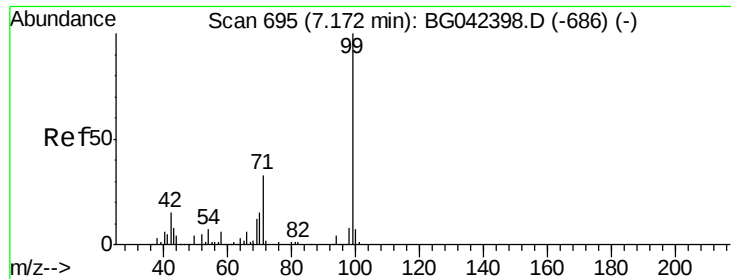
Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	93	Resp:	127419
Ion Ratio	Lower	Upper	
93	100		
66	37.5	29.0	43.6
65	18.6	15.2	22.8





#7

Phenol-d6

Concen: 107.333 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

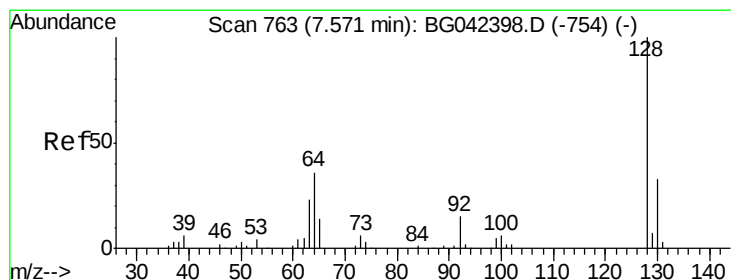
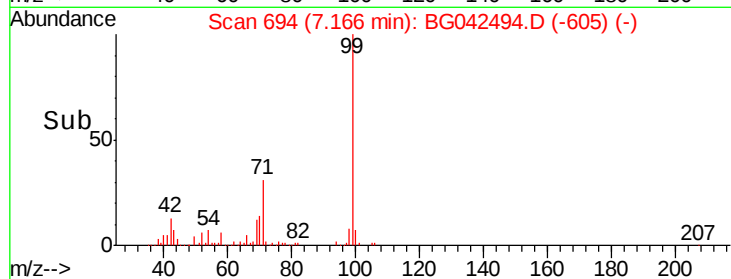
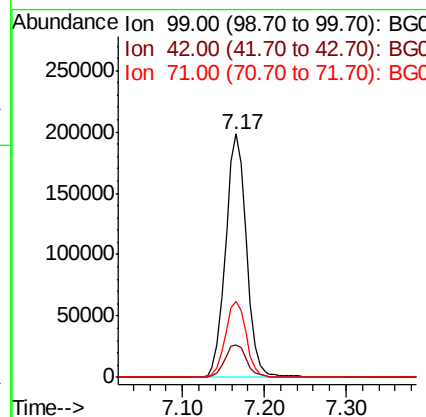
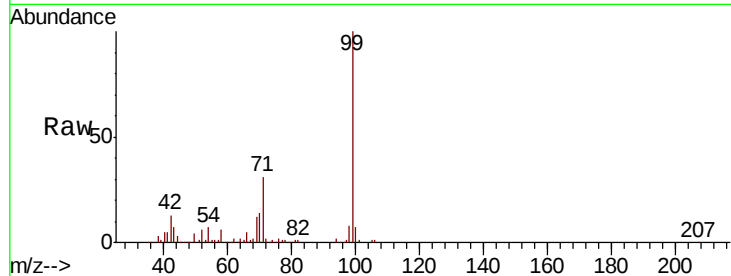
ClientSampled :

PB122218BS

Tot Ion:	99	Resp:	352145
Ion Ratio	Lower	Upper	
99	100		
42	13.2	12.0	18.0
71	31.4	26.3	39.5

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#8

2-Chlorophenol

Concen: 41.512 ng

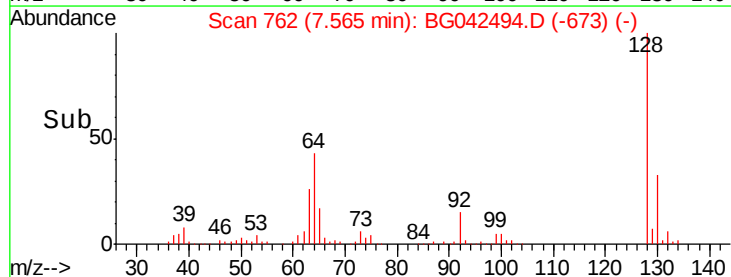
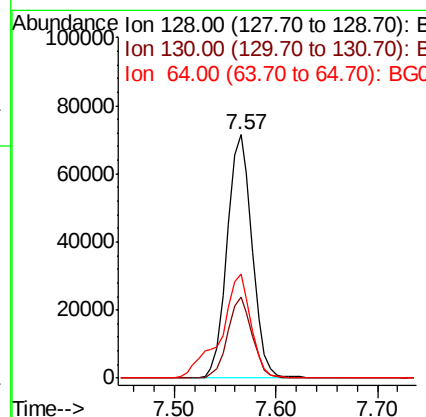
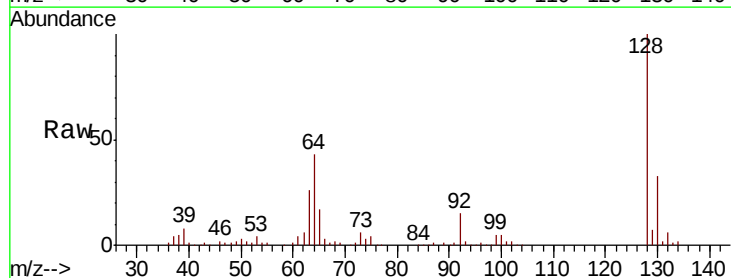
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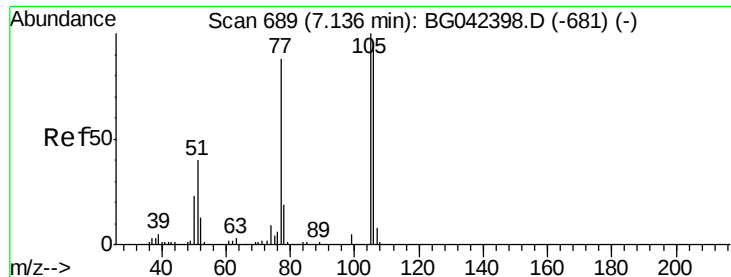
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	128	Resp:	122196
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.8	52.8
64	42.7	19.2	59.2





#9

Benzaldehyde

Concen: 45.087 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

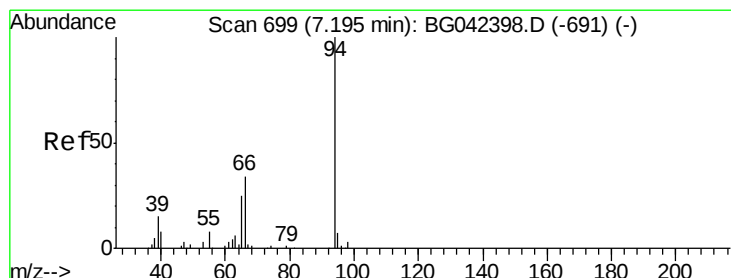
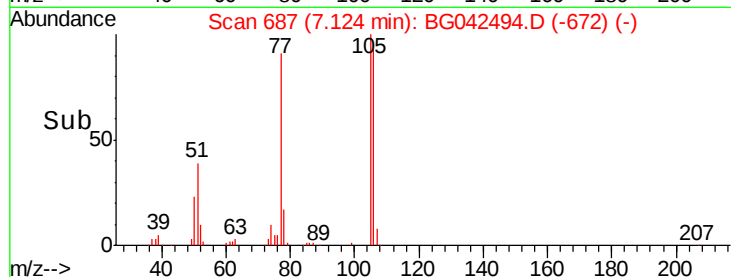
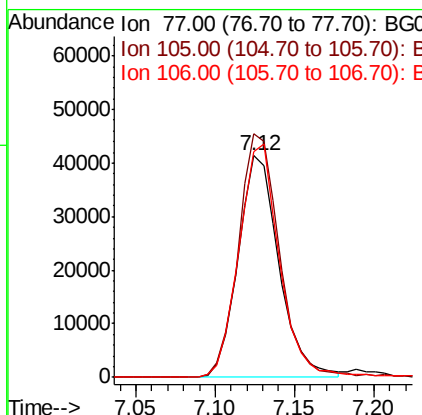
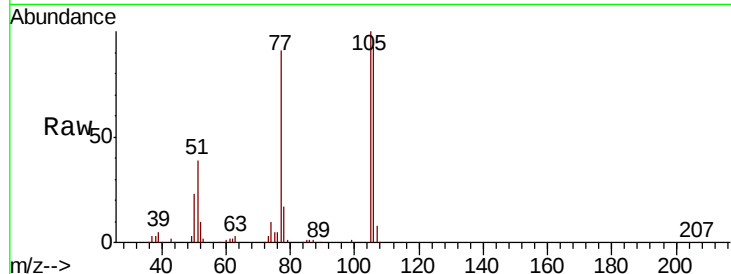
ClientSampleId :

PB122218BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	110.0	93.4	133.4
106	101.9	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 41.783 ng

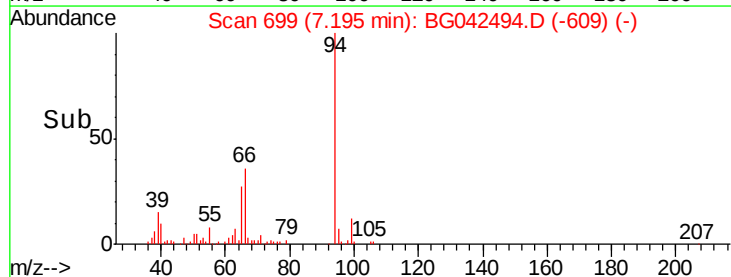
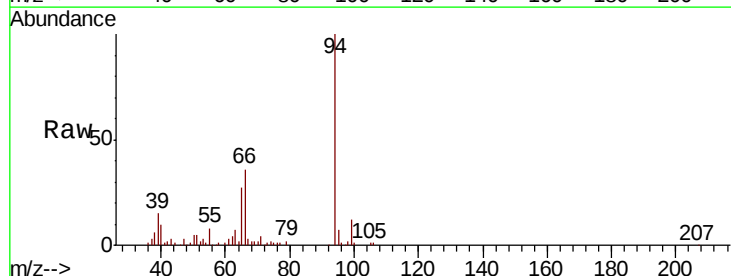
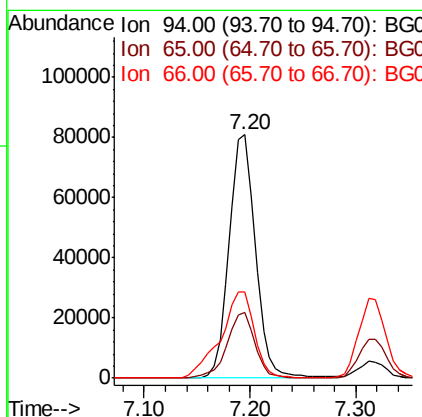
RT: 7.20 min Scan# 699

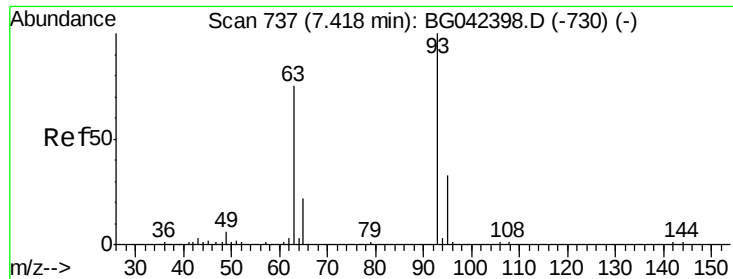
Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	5.6	45.6
66	35.5	16.0	56.0





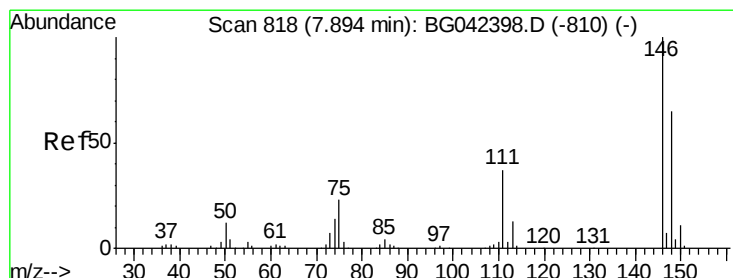
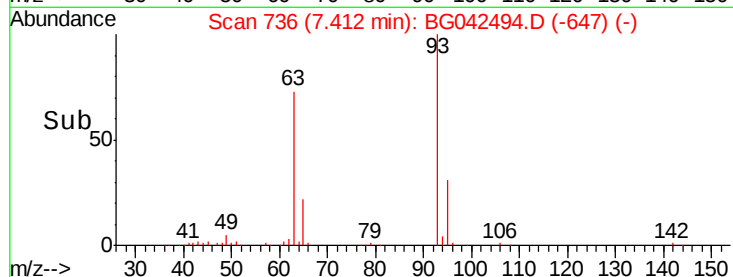
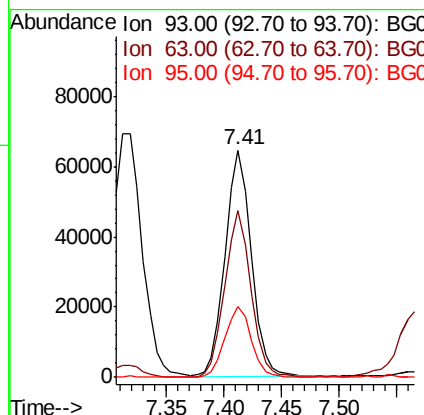
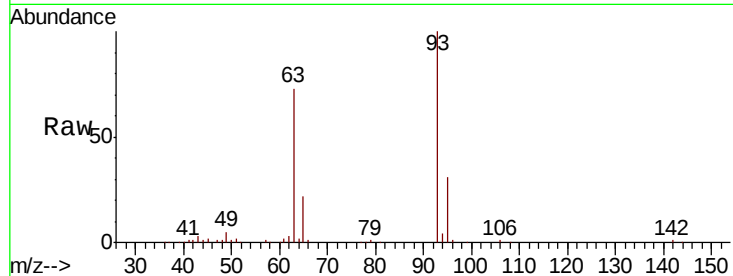
#11
bis(2-Chloroethyl)ether
Concen: 38.782 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion:	93	Resp:	101602
Ion Ratio	Lower	Upper	
93	100		
63	73.3	53.8	93.8
95	31.4	13.1	53.1

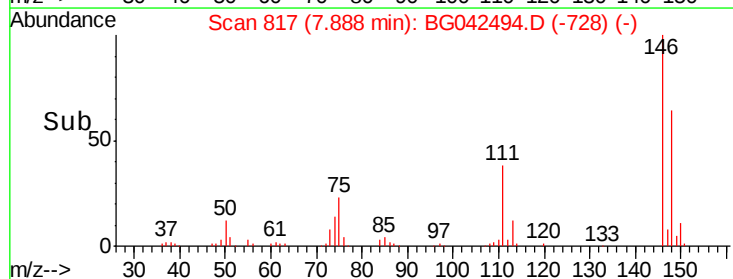
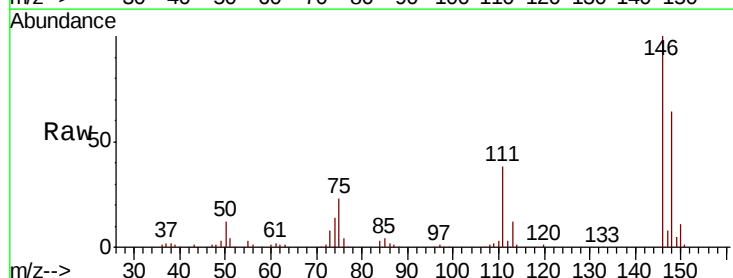
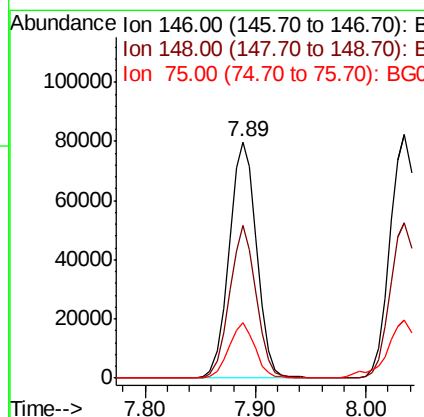
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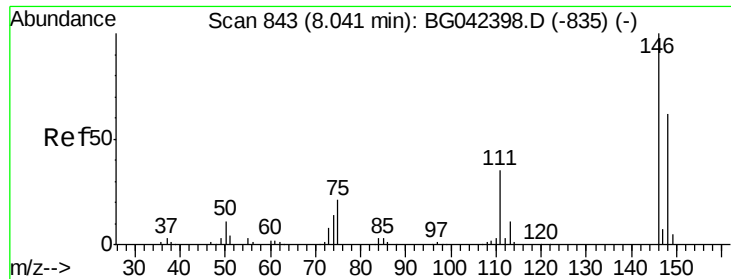
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8/27/2019 7:51:31 AM



#12
1,3-Dichlorobenzene
Concen: 36.889 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion:	146	Resp:	138139
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
75	23.5	18.0	27.0





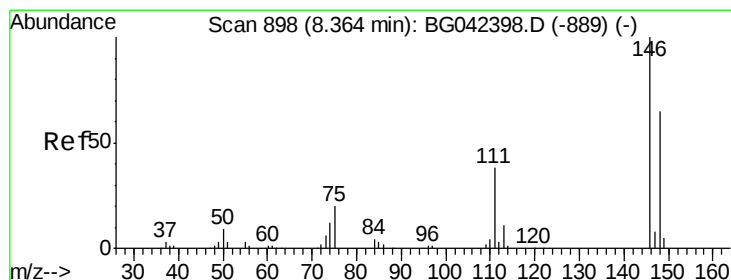
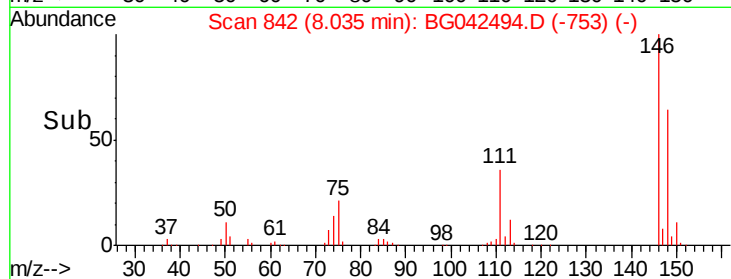
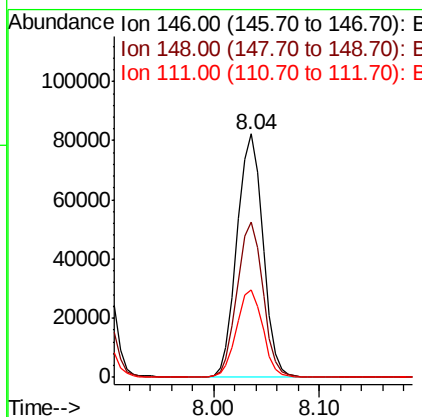
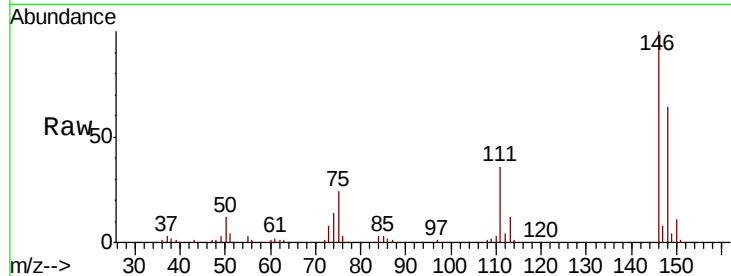
#13
 1,4-Dichlorobenzene
 Concen: 36.957 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampled :
 PB122218BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.5	74.3
111	35.9	28.1	42.1

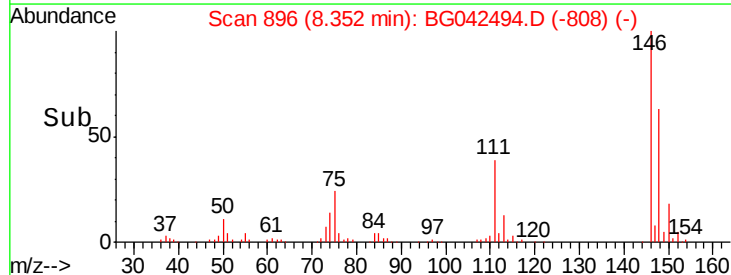
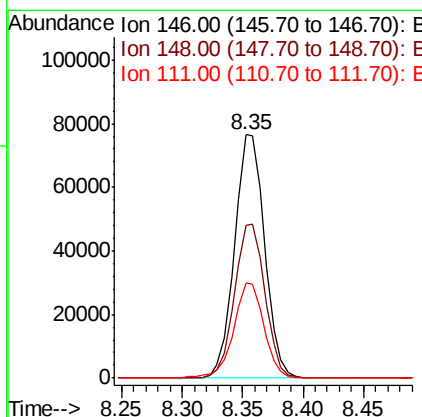
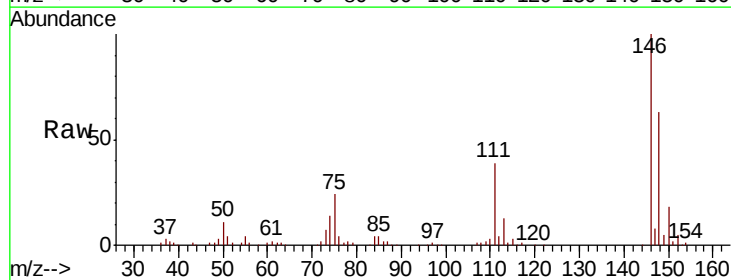
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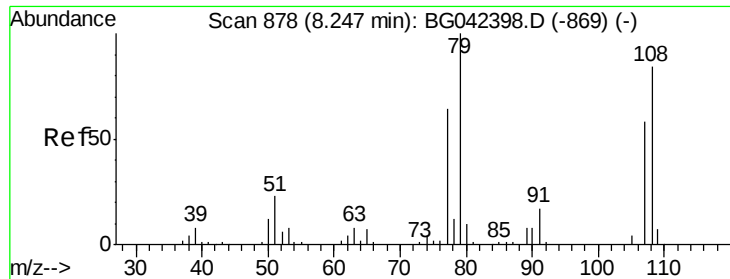
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 8/27/2019 7:51:31 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.544 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
111	39.1	30.9	46.3





#15

Benzyl Alcohol

Concen: 38.031 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

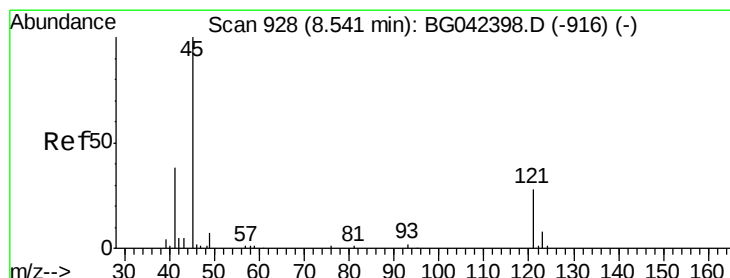
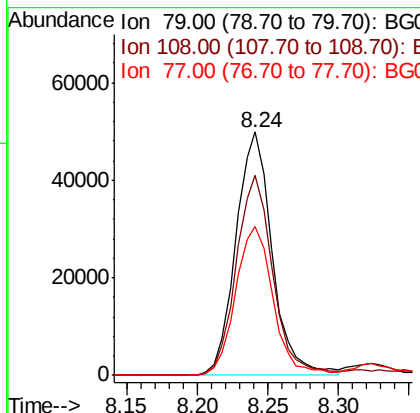
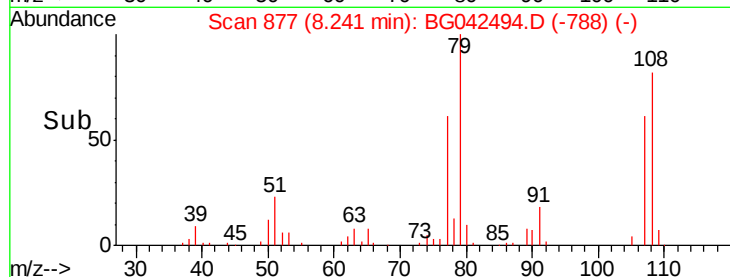
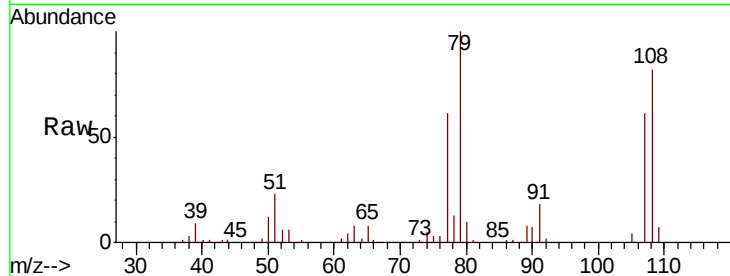
ClientSampleId :

PB122218BS

Tot Ion:	79	Resp:	89769
Ion	Ratio	Lower	Upper
79	100		
108	81.9	67.4	101.2
77	61.3	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.933 ng

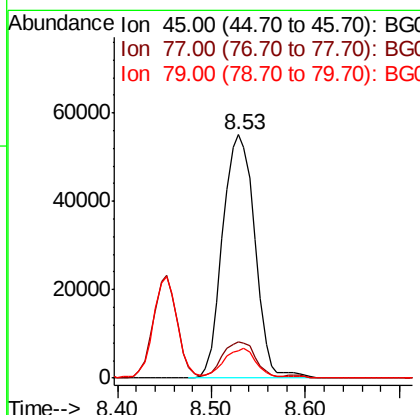
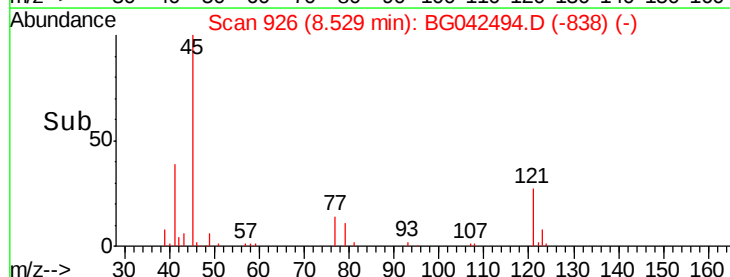
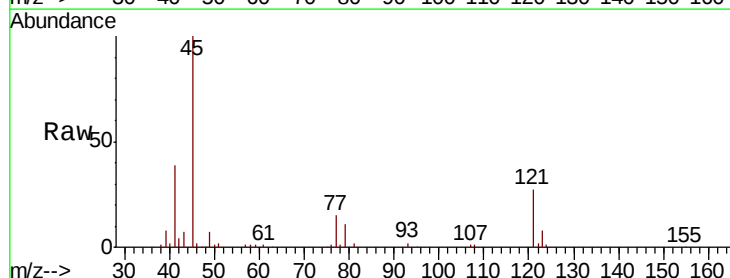
RT: 8.53 min Scan# 926

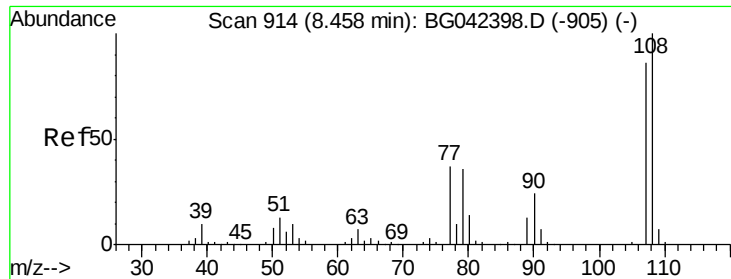
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	45	Resp:	131144
Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.6
79	11.0	0.0	31.6





#17

2-Methylphenol

Concen: 40.310 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

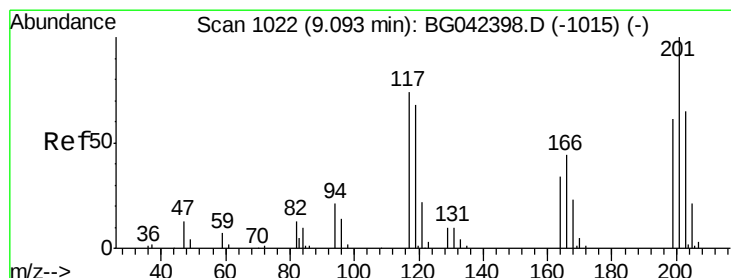
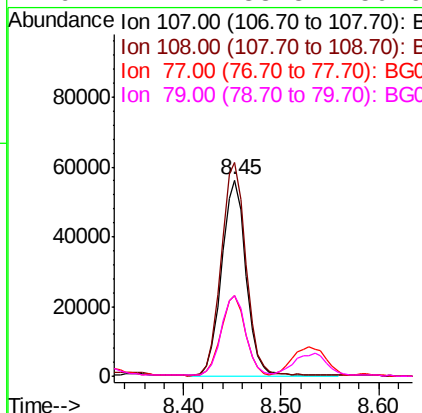
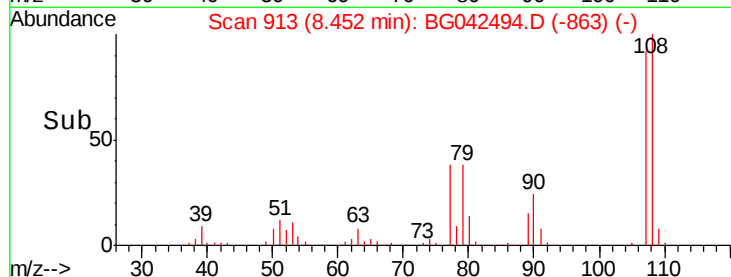
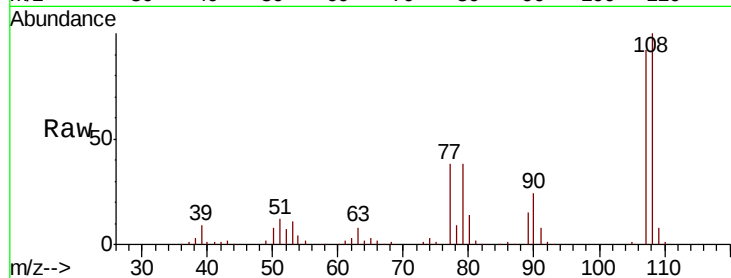
ClientSampleId :

PB122218BS

Tot Ion:	107	Resp:	99043
Ion Ratio	Lower	Upper	
107	100		
108	109.0	92.9	139.3
77	41.3	34.4	51.6
79	41.1	33.8	50.6

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#18

Hexachloroethane

Concen: 36.144 ng

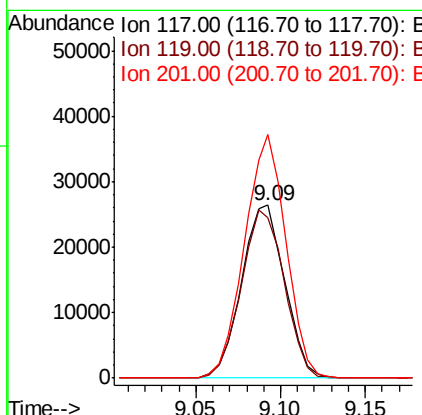
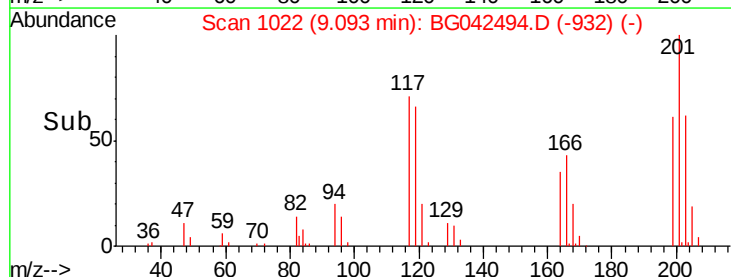
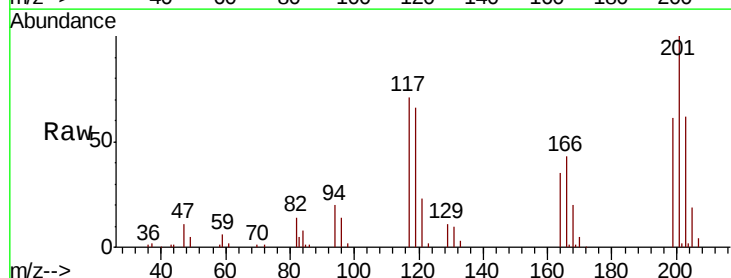
RT: 9.09 min Scan# 1022

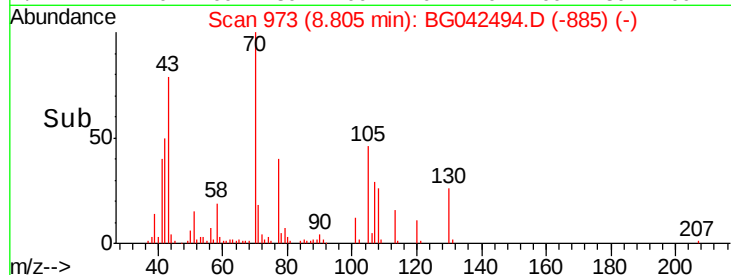
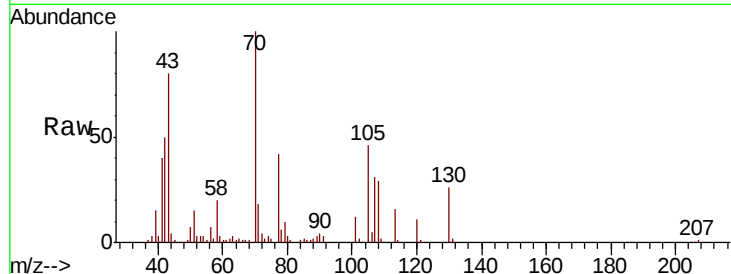
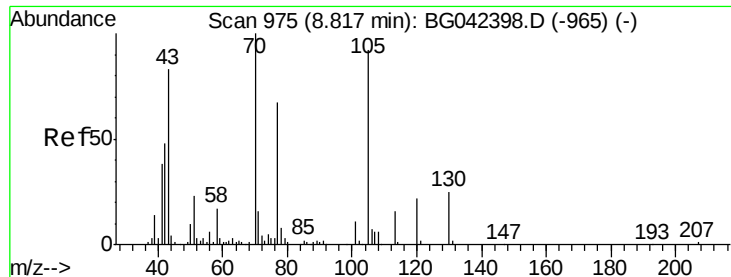
Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	117	Resp:	46934
Ion Ratio	Lower	Upper	
117	100		
119	92.8	73.8	110.8
201	140.7	108.3	162.5





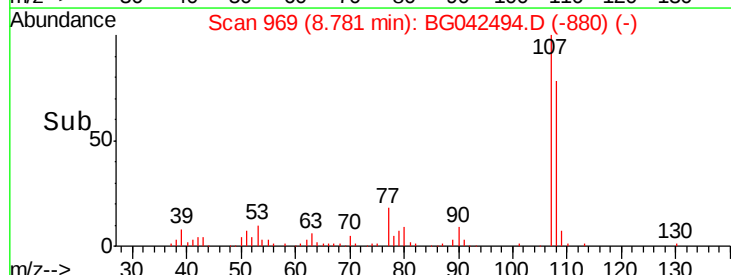
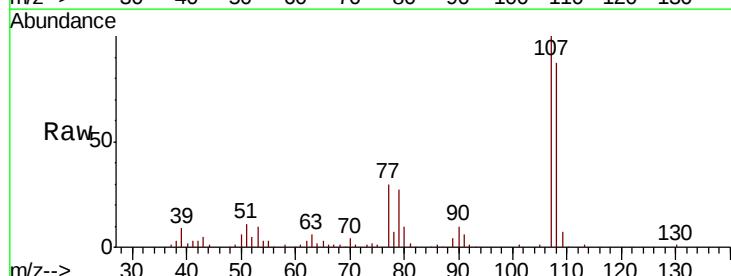
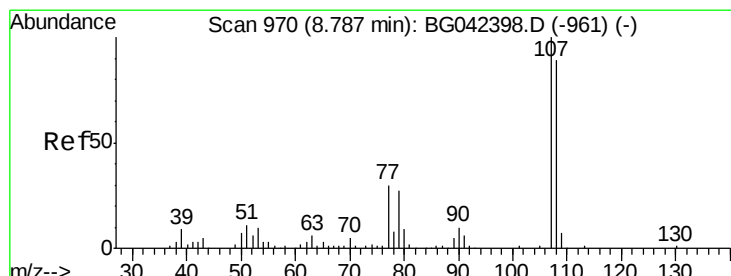
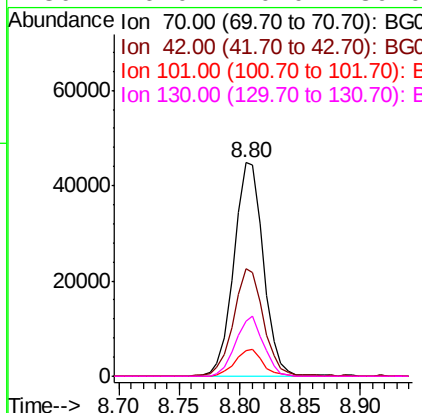
#19
n-Nitroso-di-n-propylamine
Concen: 35.972 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.4	38.8	58.2	
101	12.1	9.0	13.6	
130	26.0	20.0	30.0	

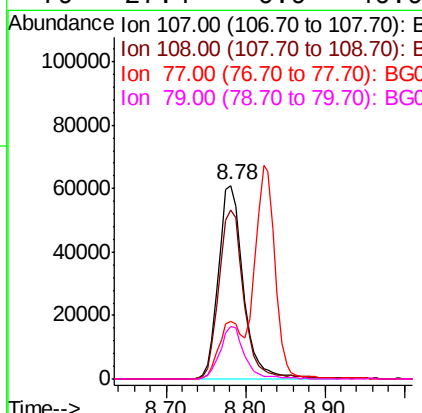
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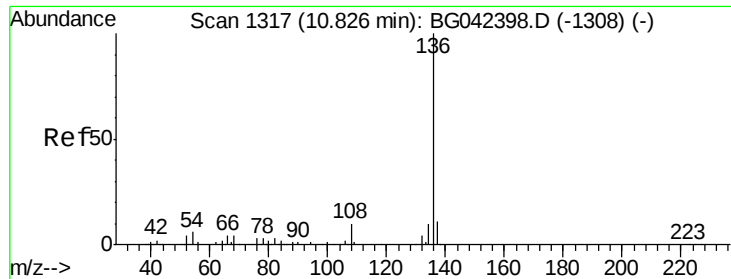
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#20
3+4-Methylphenols
Concen: 38.968 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	68.7	108.7	
77	30.0	10.2	50.2	
79	27.4	6.9	46.9	





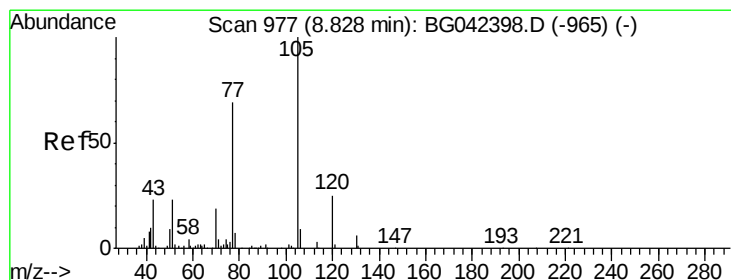
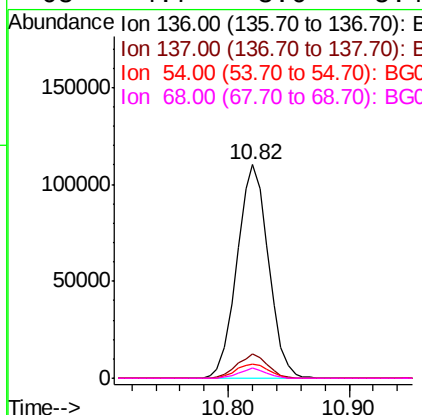
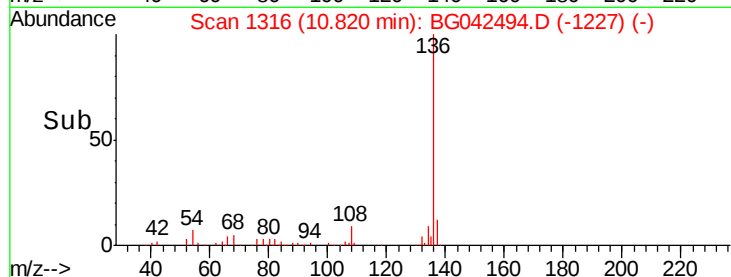
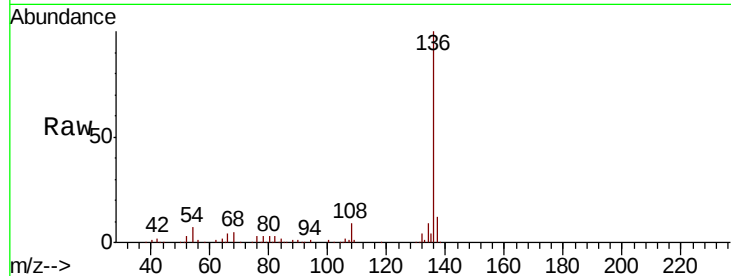
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	199652		
137	11.7	8.7	13.1	
54	6.8	4.9	7.3	
68	4.7	3.6	5.4	

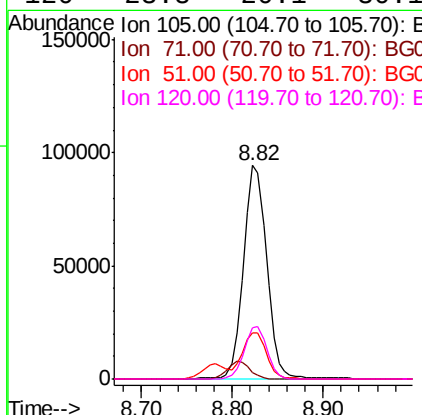
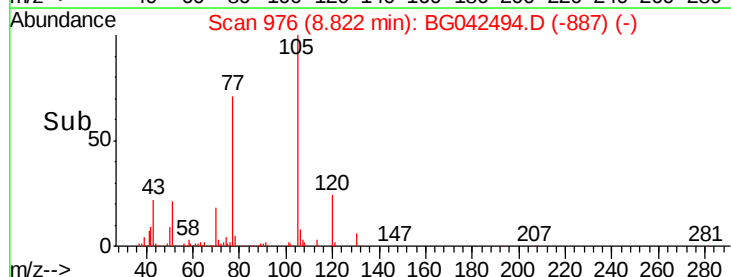
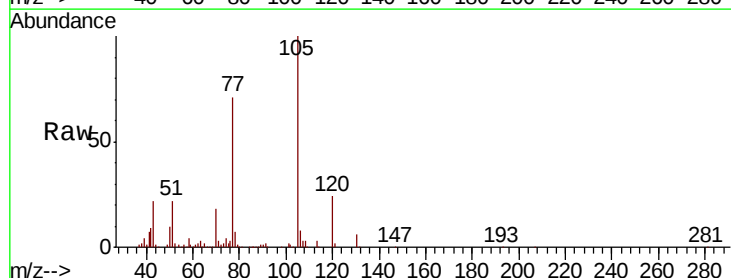
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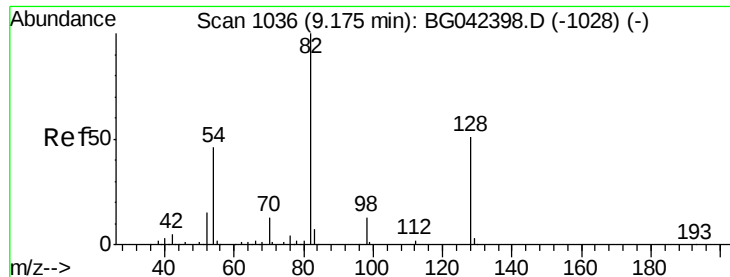
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#22
Acetophenone
Concen: 39.511 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168719		
71	3.1	2.8	4.2	
51	21.7	18.7	28.1	
120	23.8	20.1	30.1	





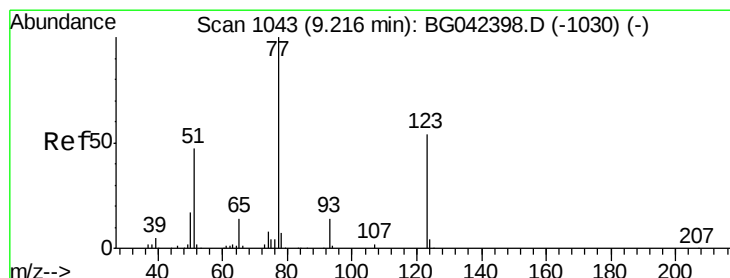
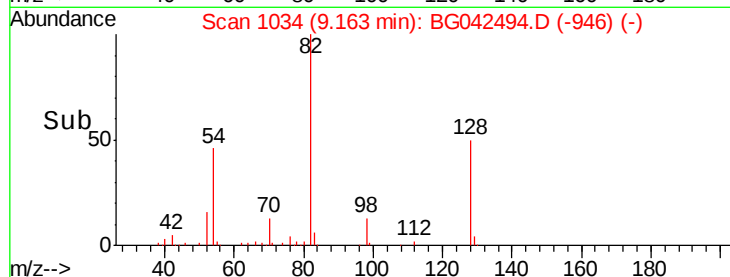
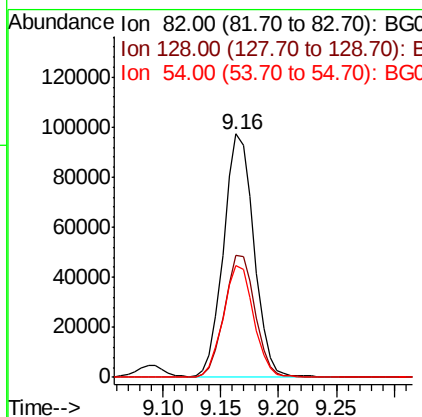
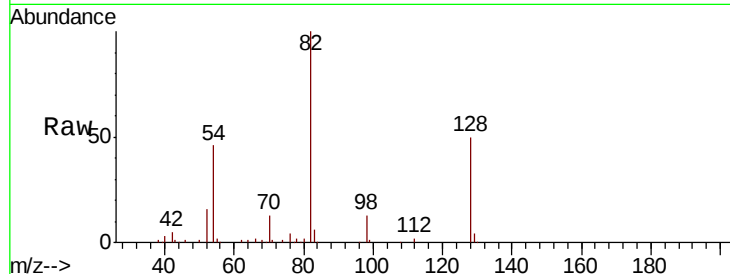
#23
 Nitrobenzene-d5
 Concen: 61.355 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.7	61.1
54	46.1	36.3	54.5

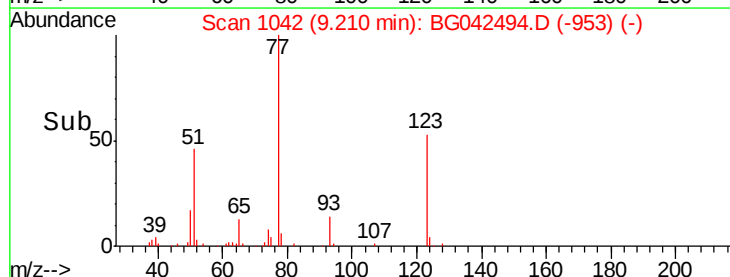
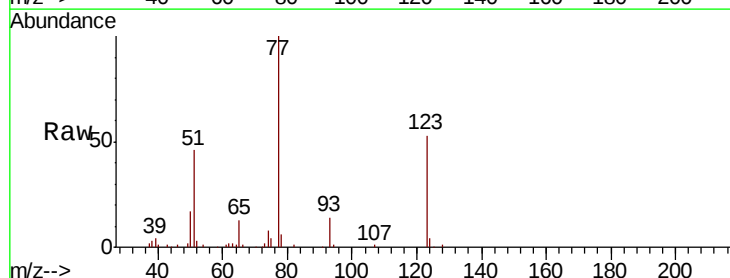
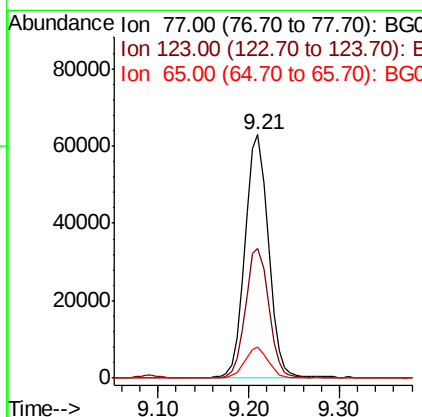
Manual Integrations
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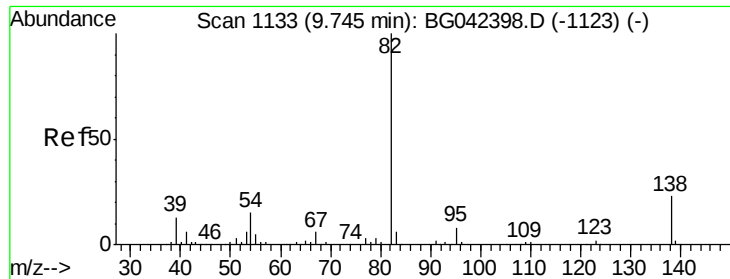
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#24
 Nitrobenzene
 Concen: 38.790 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	43.4	65.0
65	12.7	11.0	16.6





#25

Isophorone

Concen: 37.593 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

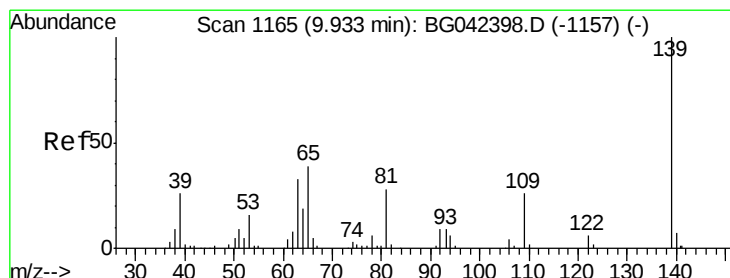
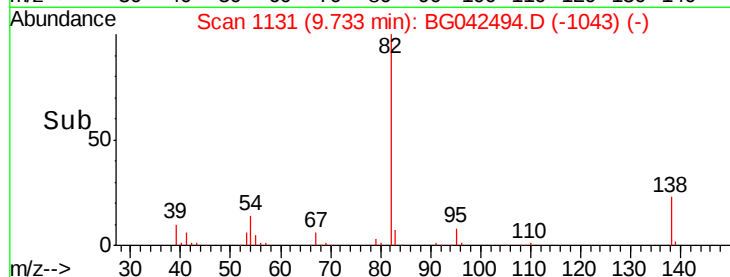
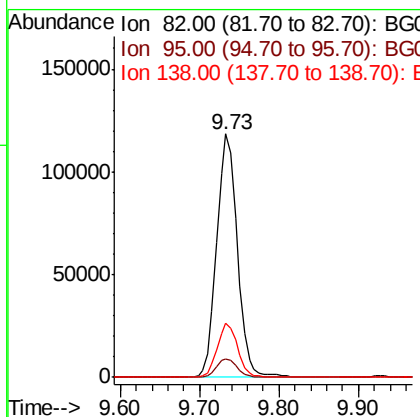
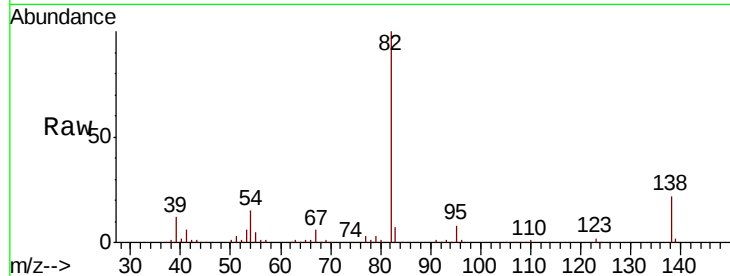
ClientSampleId :

PB122218BS

Tot Ion:	82	Resp:	214350
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.6	9.8
138	22.4	18.6	27.8

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#26

2-Nitrophenol

Concen: 37.933 ng

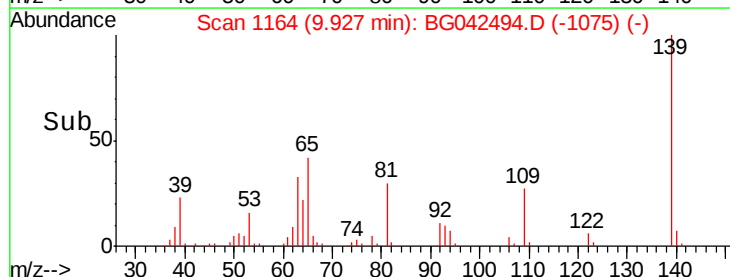
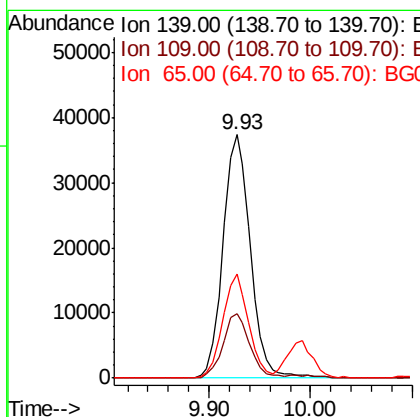
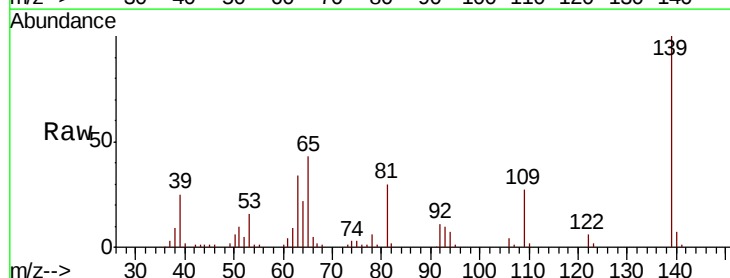
RT: 9.93 min Scan# 1164

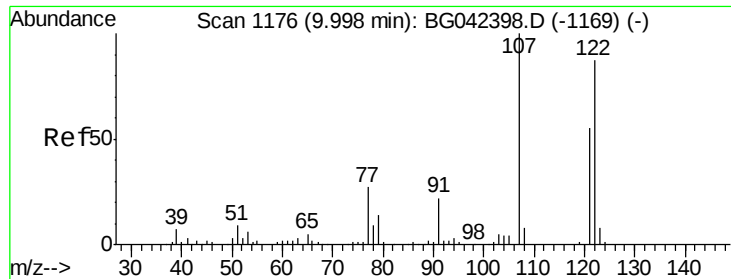
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	139	Resp:	69547
Ion Ratio	Lower	Upper	
139	100		
109	26.7	20.5	30.7
65	43.0	30.9	46.3





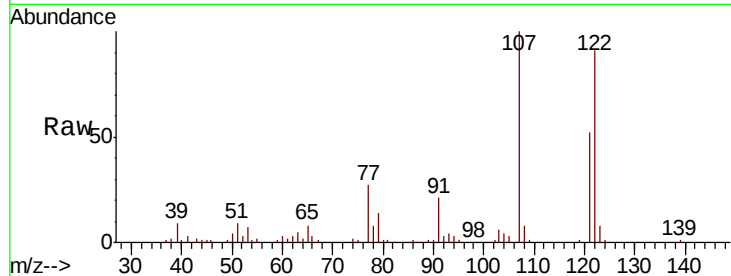
#27
2,4-Dimethylphenol
Concen: 43.686 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		110331		
107	110.3	90.8	136.2		
121	57.3	49.6	74.4		

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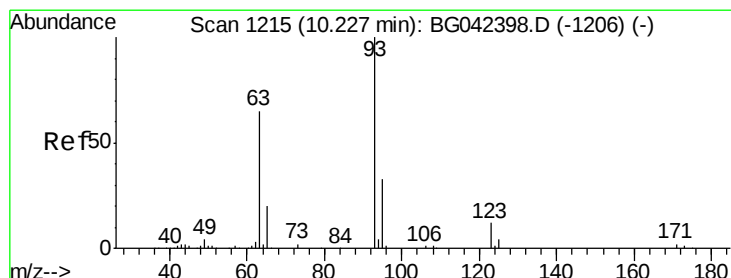
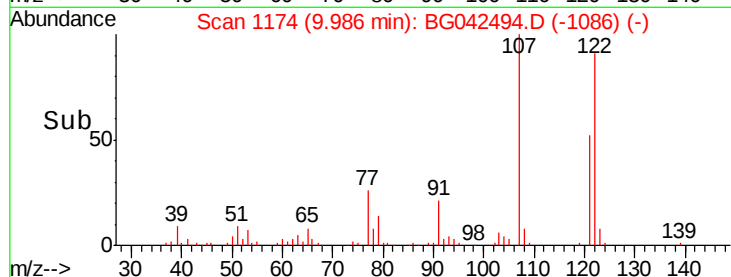
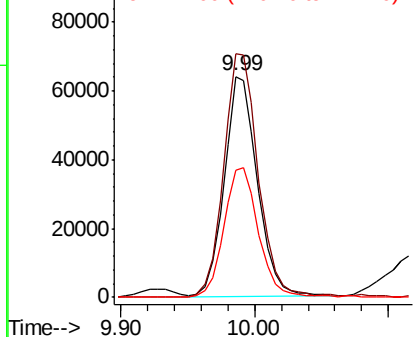


Abundance

Ion 122.00 (121.70 to 122.70): E

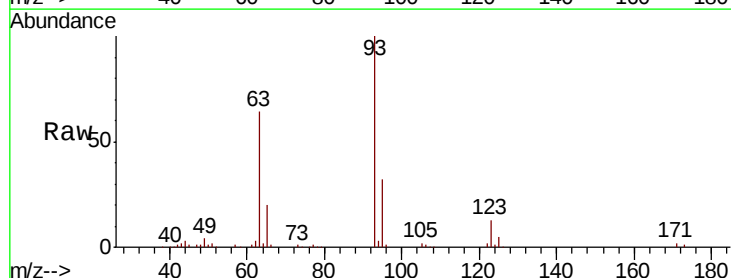
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.533 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		134884		
95	31.7	26.6	40.0		
123	12.8	10.1	15.1		

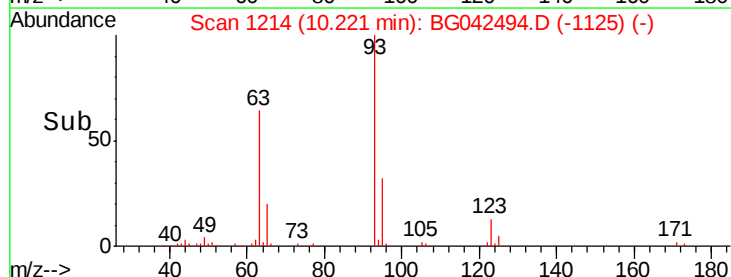
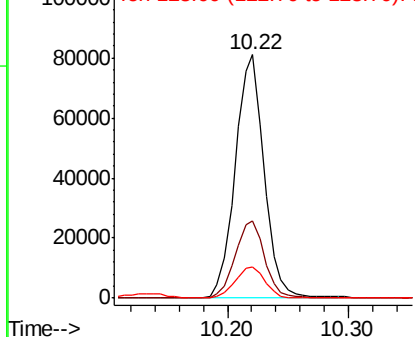


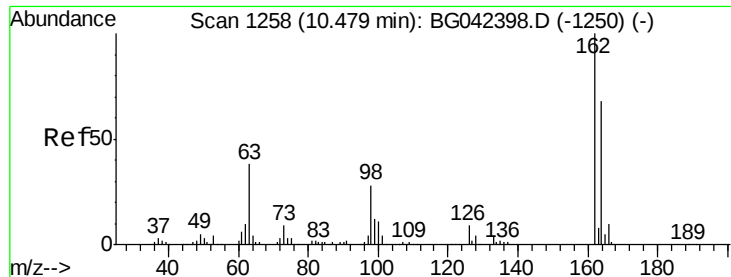
Abundance

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





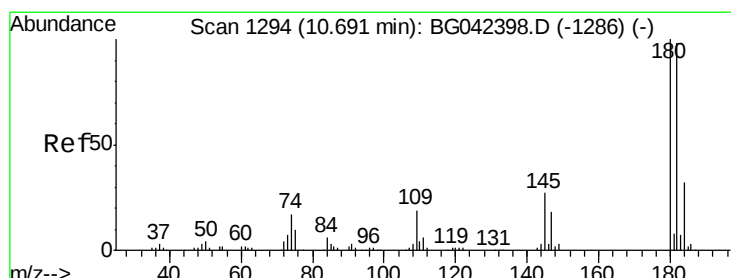
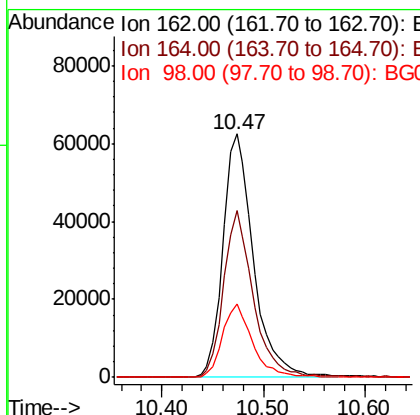
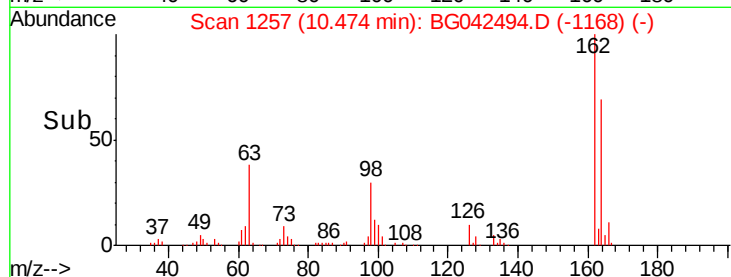
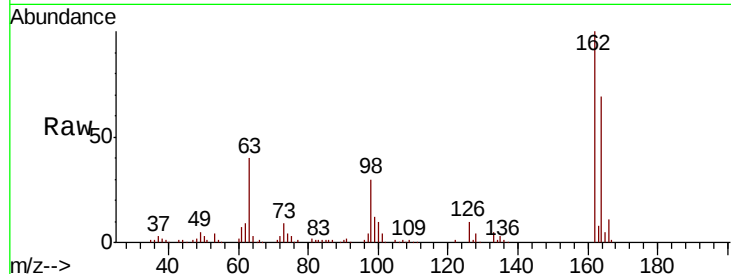
#29
 2,4-Dichlorophenol
 Concen: 39.374 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	130103		
164	68.6	48.1	88.1	
98	30.4	7.6	47.6	

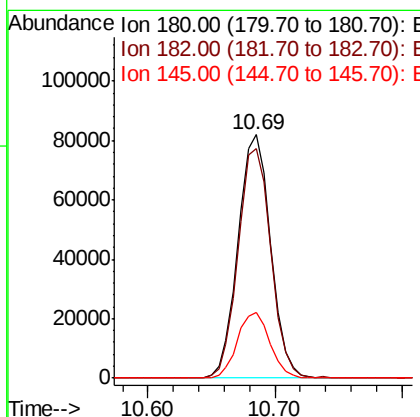
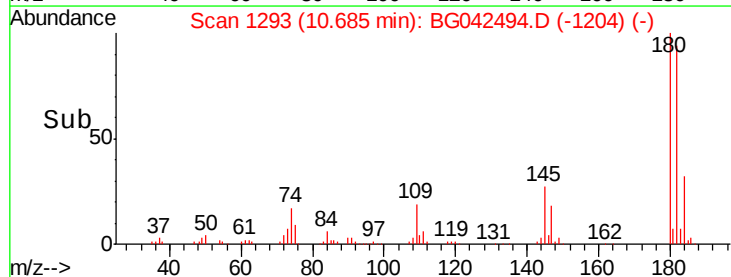
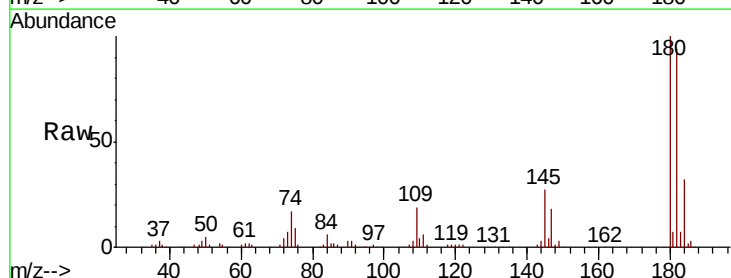
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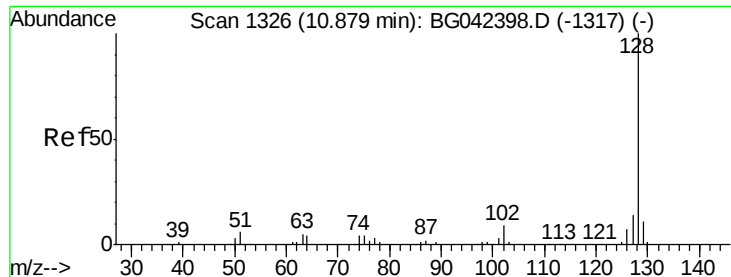
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.999 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146007		
182	94.4	78.7	118.1	
145	26.8	21.6	32.4	





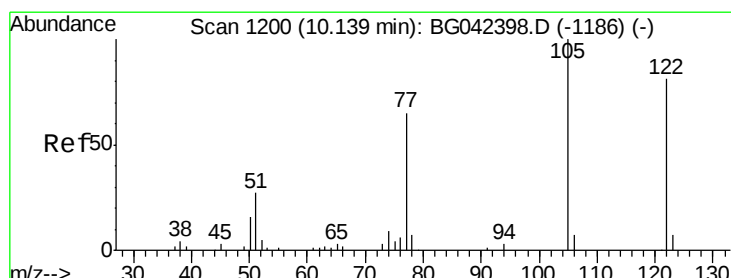
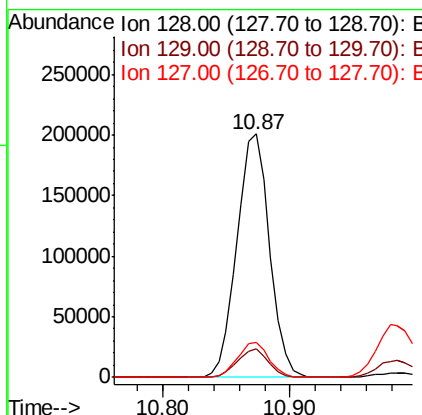
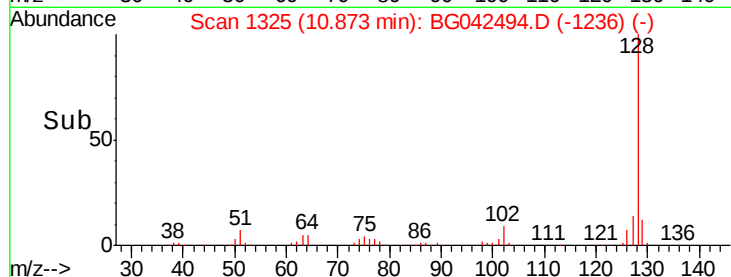
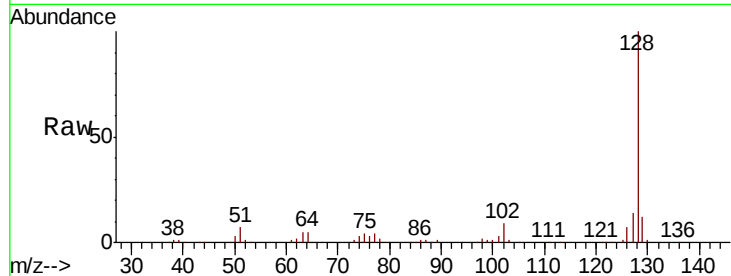
#31
Naphthalene
Concen: 38.719 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleID :
PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	358900		
129	11.7	8.8	13.2	
127	14.4	11.4	17.0	

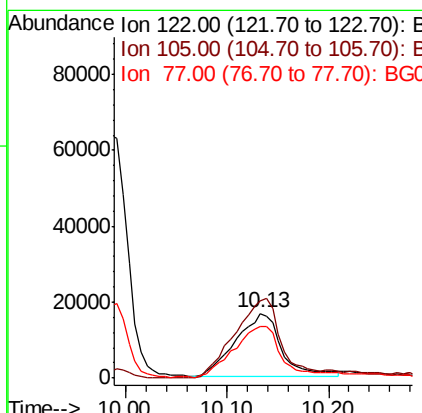
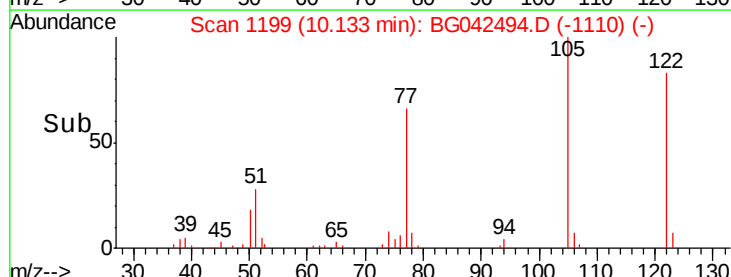
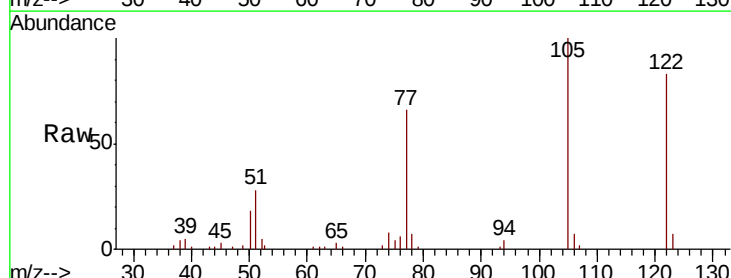
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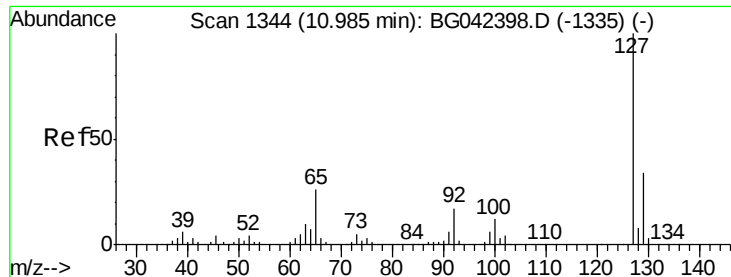
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#32
Benzoic acid
Concen: 31.951 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	52531		
105	120.4	99.6	139.6	
77	79.3	59.5	99.5	





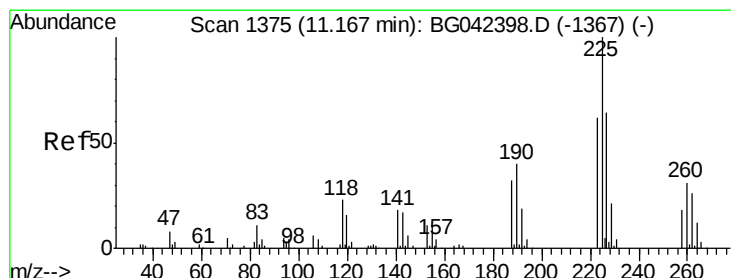
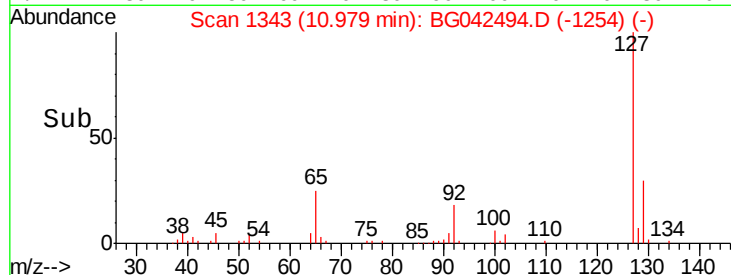
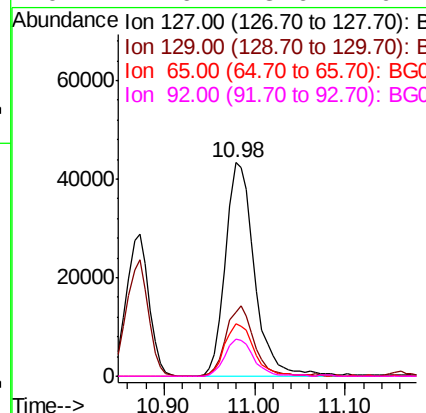
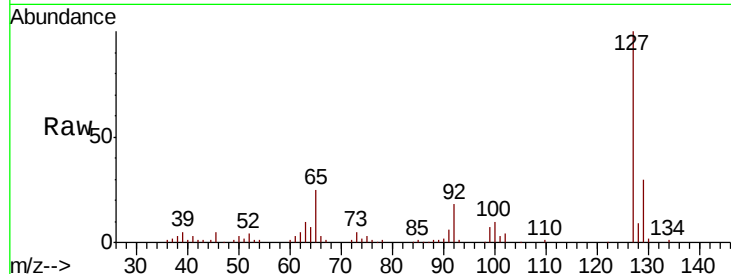
#33
4-Chloroaniline
Concen: 22.601 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.8	40.2
65	24.6	20.7	31.1
92	17.6	13.6	20.4

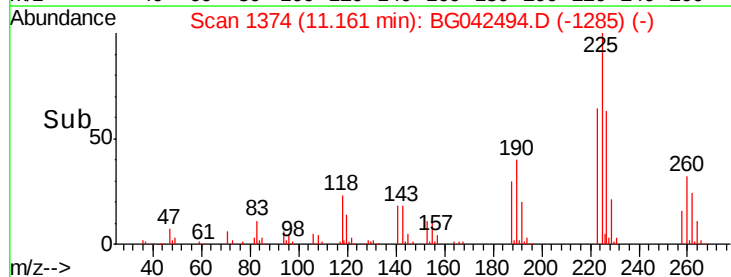
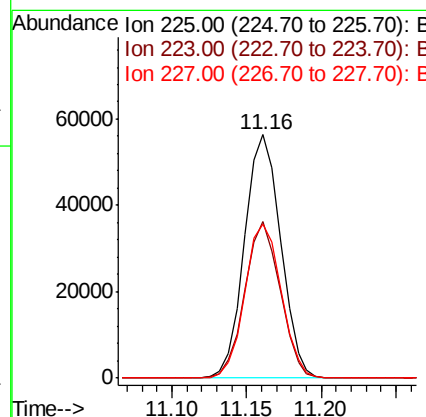
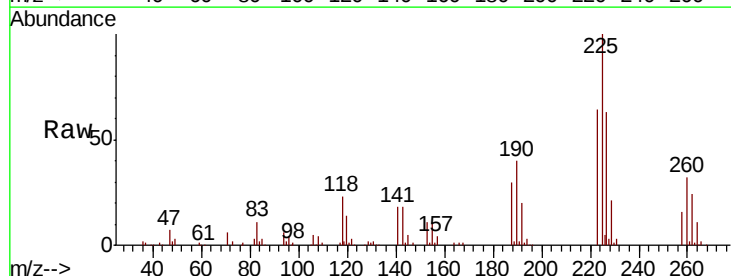
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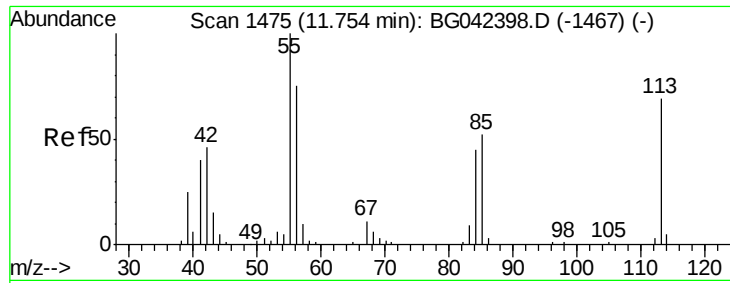
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#34
Hexachlorobutadiene
Concen: 34.739 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.6
227	63.3	50.9	76.3





#35

Caprolactam

Concen: 36.185 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

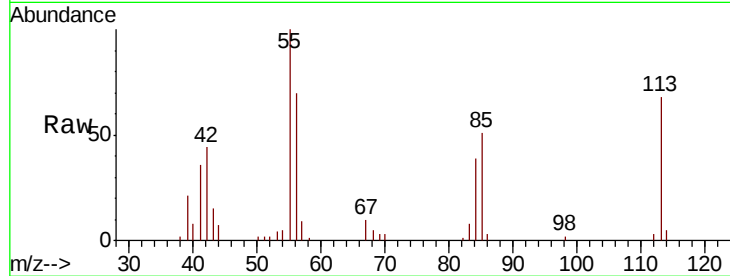
ClientSampleId :

PB122218BS

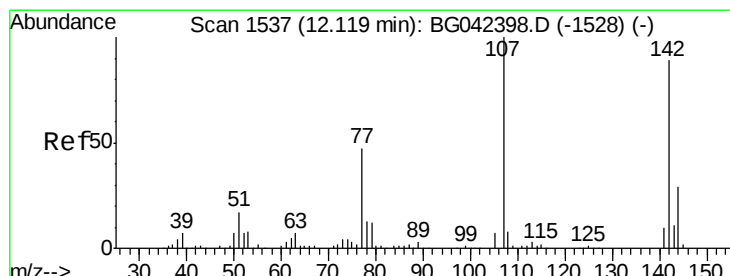
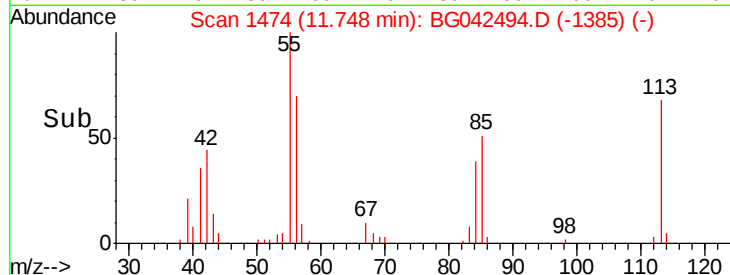
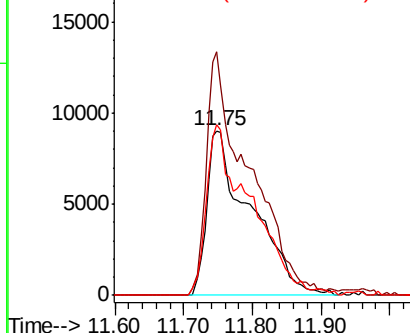
Tot Ion:	113	Resp:	39897
Ion	Ratio	Lower	Upper
113	100		
55	147.9	124.6	164.6
56	104.0	88.3	128.3

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.201 ng

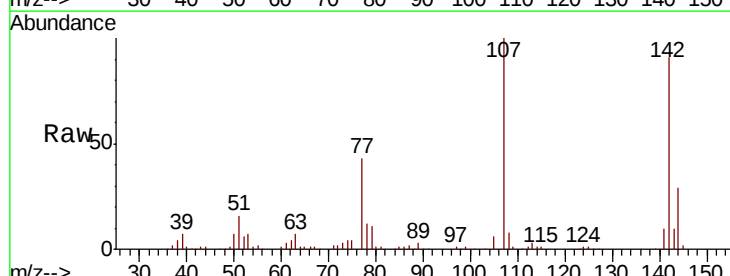
RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

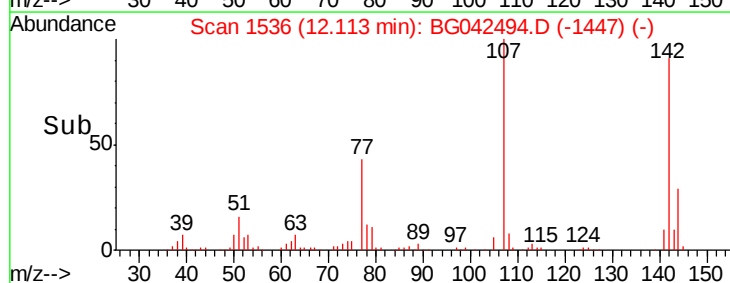
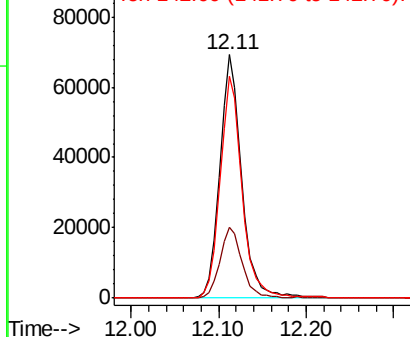
Lab File: BG042494.D

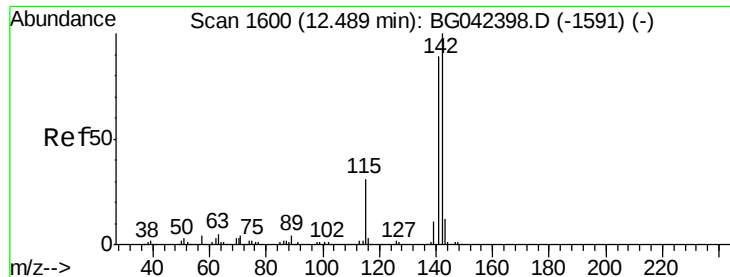
Acq: 26 Aug 2019 11:12

Tgt Ion:	107	Resp:	119826
Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.6	35.4
142	91.0	71.0	106.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





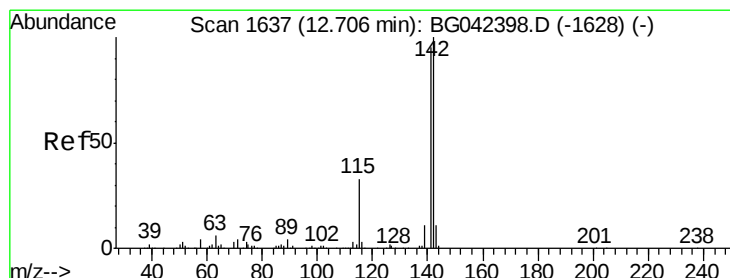
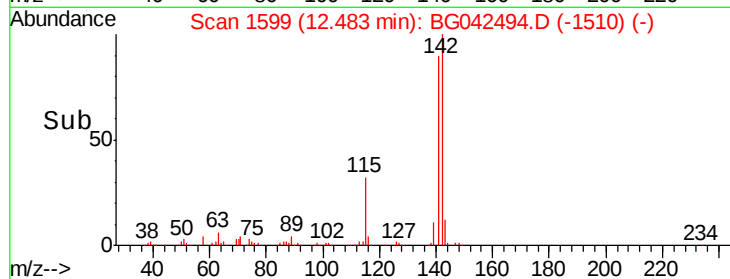
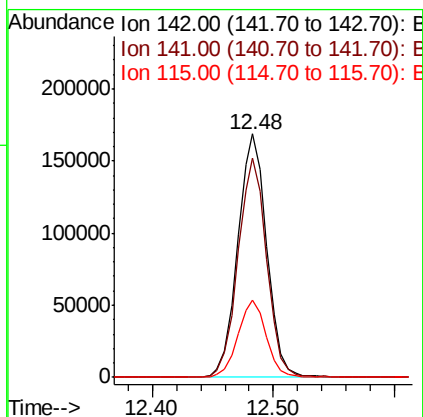
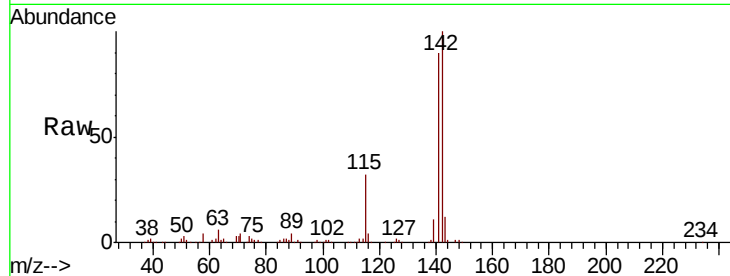
#37
2-Methylnaphthalene
Concen: 37.817 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	31.5	25.2	37.8

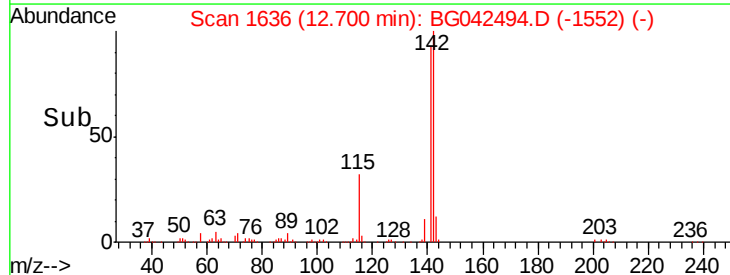
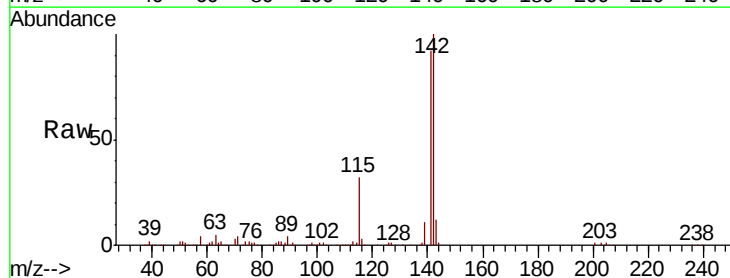
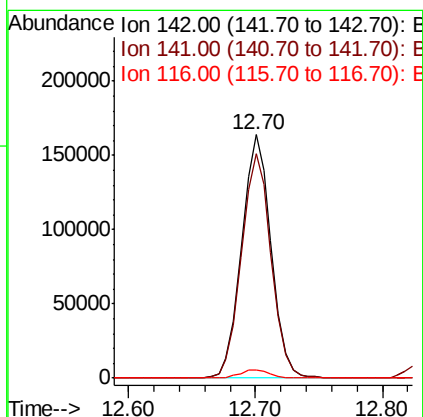
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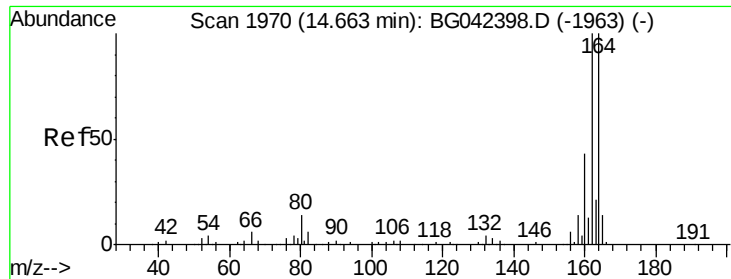
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#38
1-Methylnaphthalene
Concen: 37.118 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.2	114.2
116	3.3	2.8	4.2





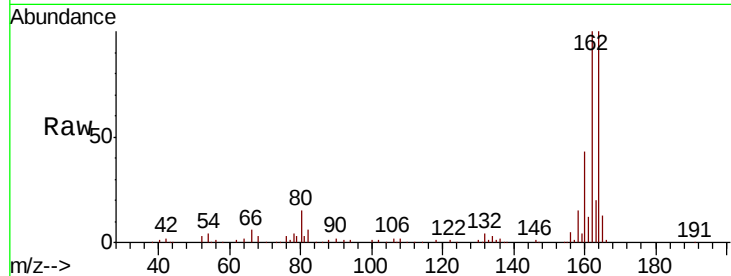
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	43.0	34.3	51.5

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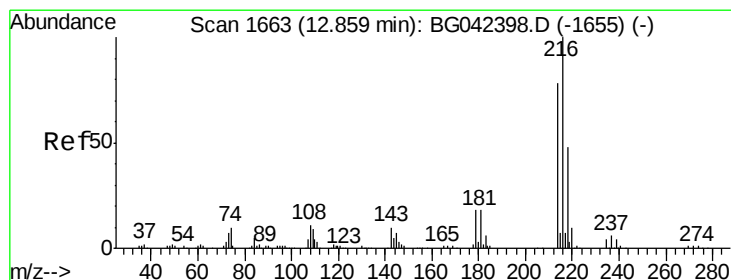
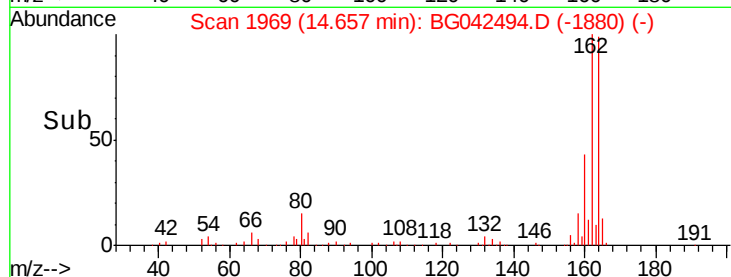
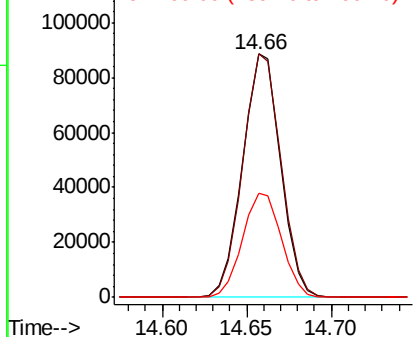


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.138 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	61.4	92.2
179	19.4	15.1	22.7
108	13.5	9.4	14.0

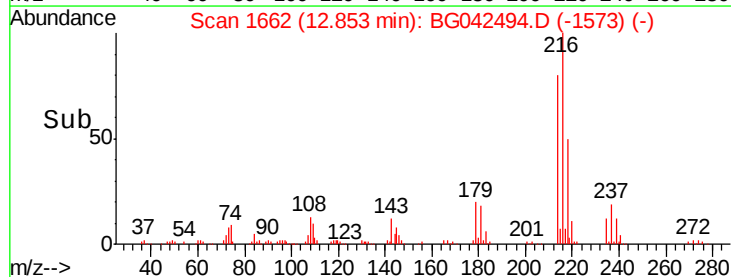
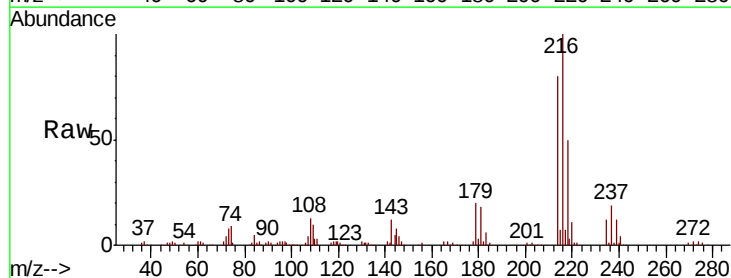
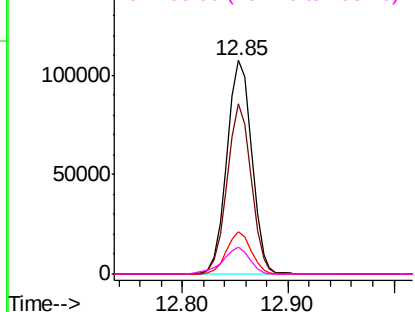
Abundance

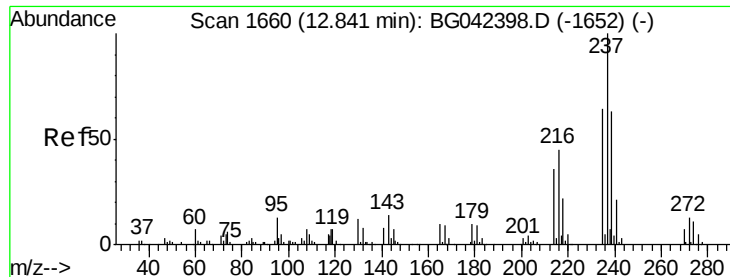
Ion 216.00 (215.70 to 216.70): E

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: 81.567 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

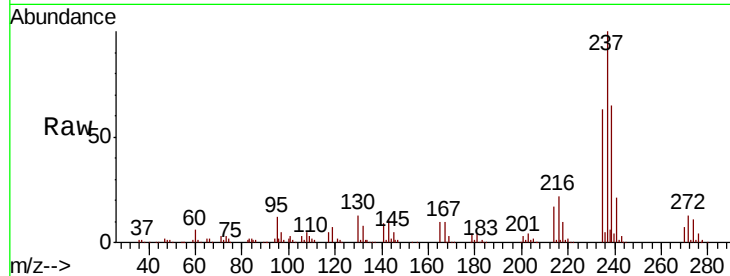
ClientSampleId :

PB122218BS

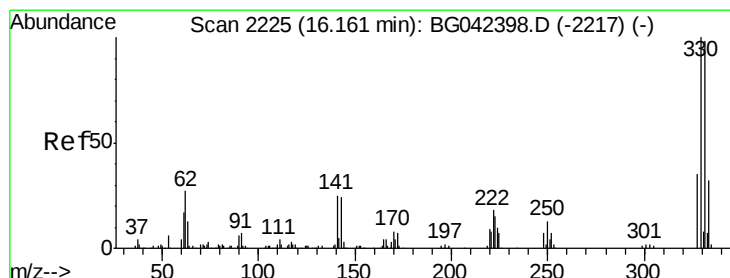
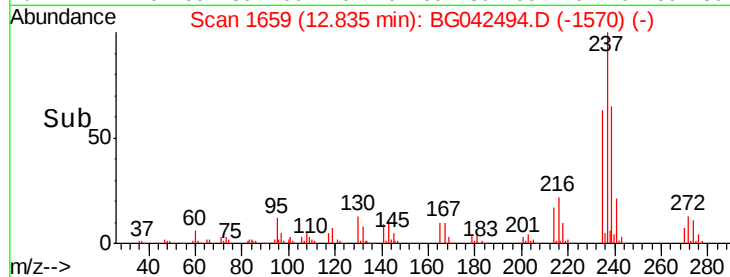
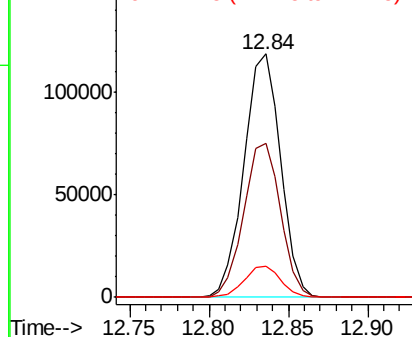
Tot Ion:	237	Resp:	190967
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.7	83.7
272	12.9	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 95.532 ng

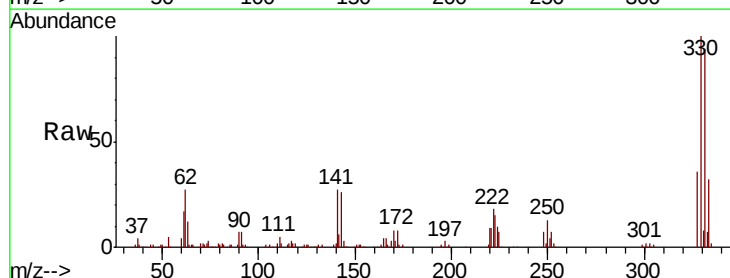
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

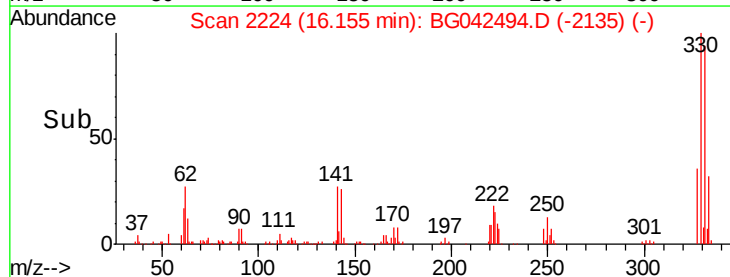
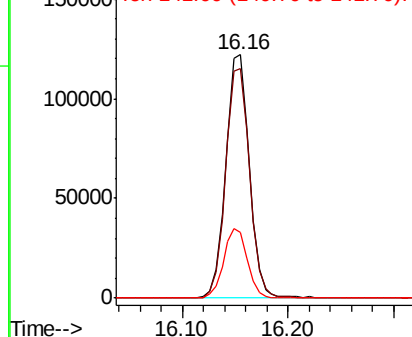
Lab File: BG042494.D

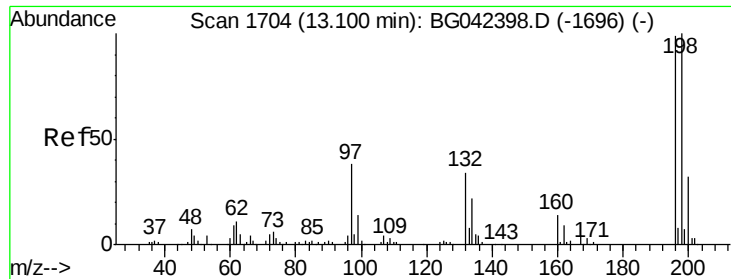
Acq: 26 Aug 2019 11:12

Tgt Ion:	330	Resp:	188453
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.0
141	28.8	21.4	32.0



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





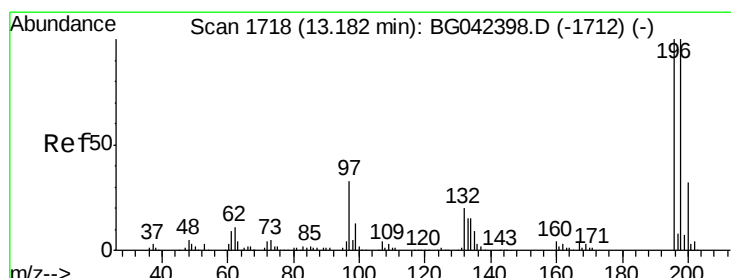
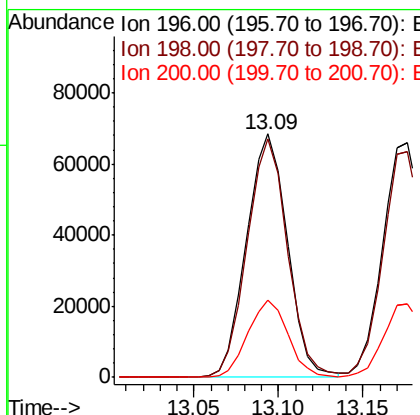
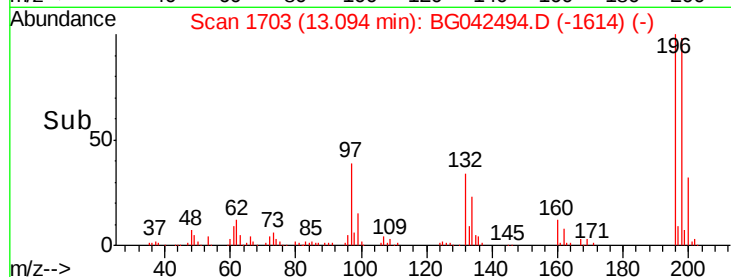
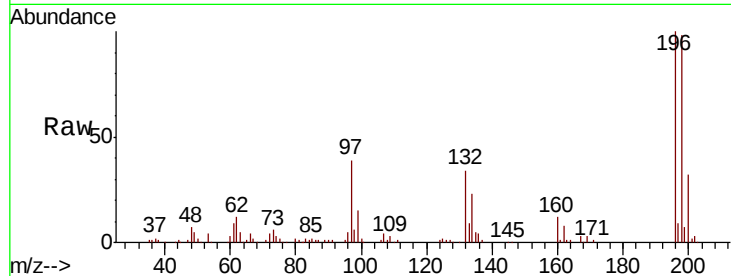
#43
 2,4,6-Trichlorophenol
 Concen: 38.330 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115475		
198	97.7	80.7	121.1	
200	31.6	25.7	38.5	

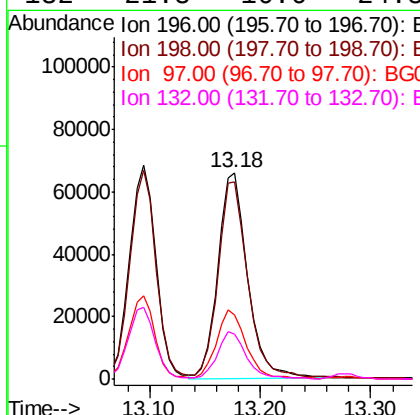
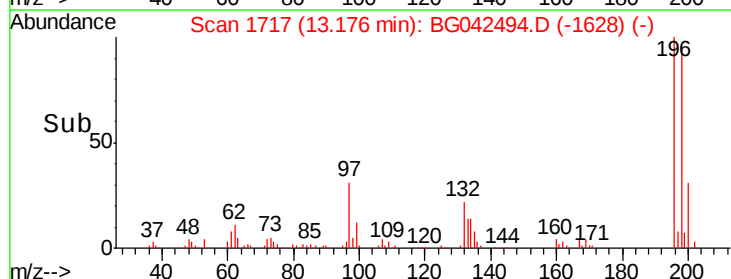
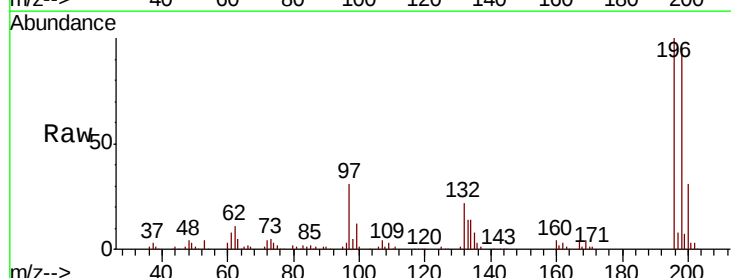
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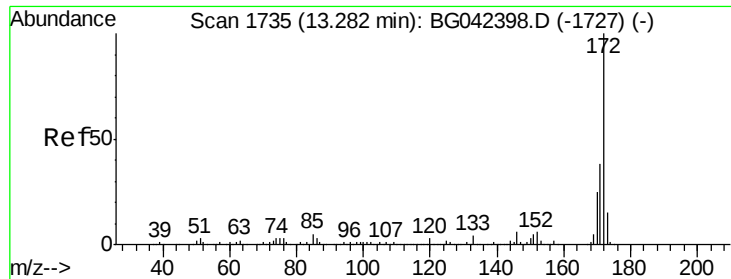
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#44
 2,4,5-Trichlorophenol
 Concen: 39.422 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123074		
198	95.9	80.2	120.4	
97	31.0	26.3	39.5	
132	21.8	16.6	24.8	





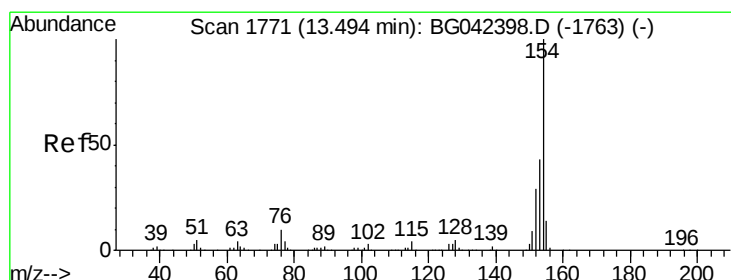
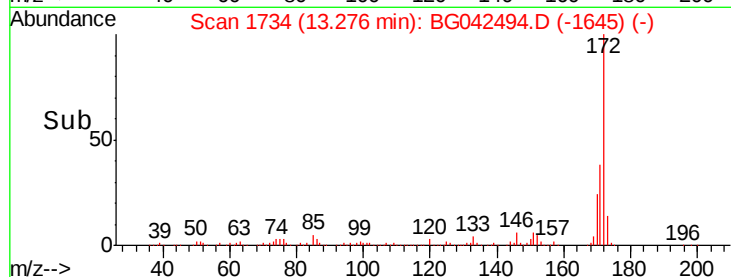
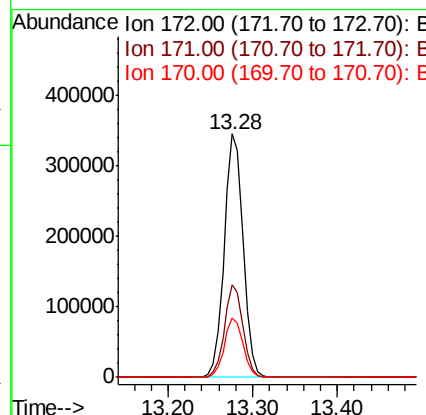
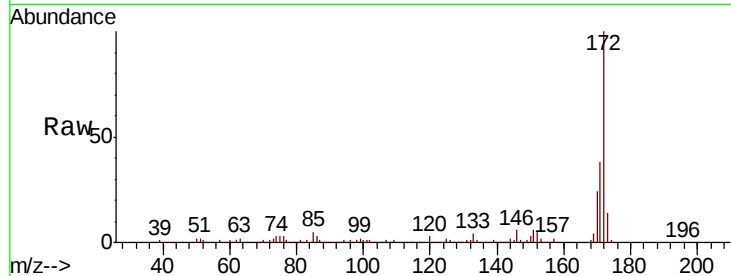
#45
2-Fluorobiphenyl
Concen: 65.374 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.1	20.2	30.2

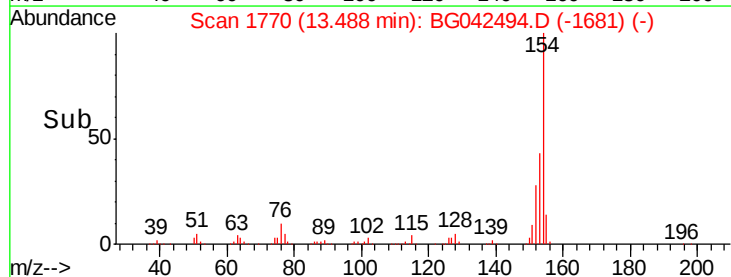
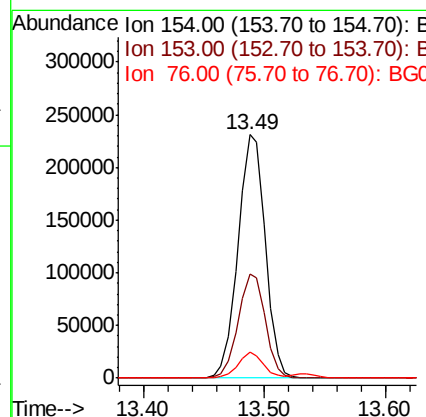
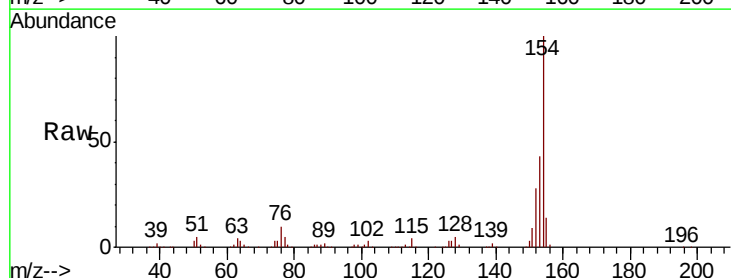
Manual Integrations
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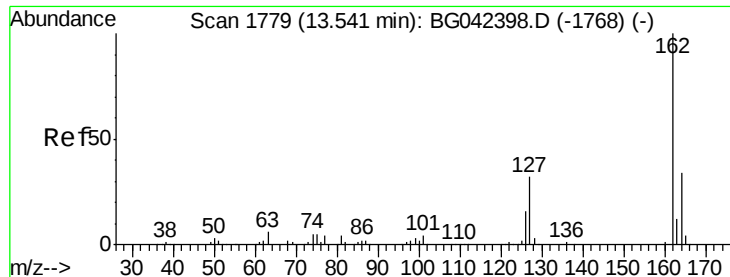
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#46
1,1'-Biphenyl
Concen: 40.640 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.0	63.0
76	10.5	0.0	29.6





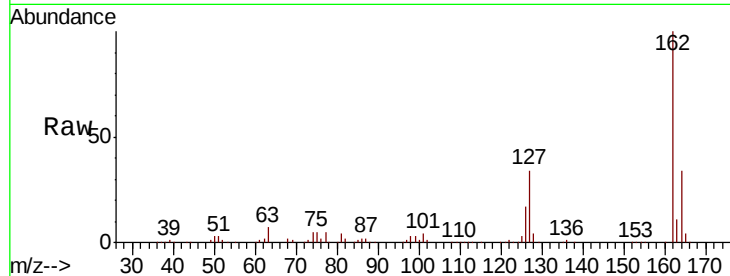
#47
 2-Chloronaphthalene
 Concen: 37.850 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	292798		
127	34.0	26.0	39.0	
164	34.1	27.4	41.0	

Manual Integrations
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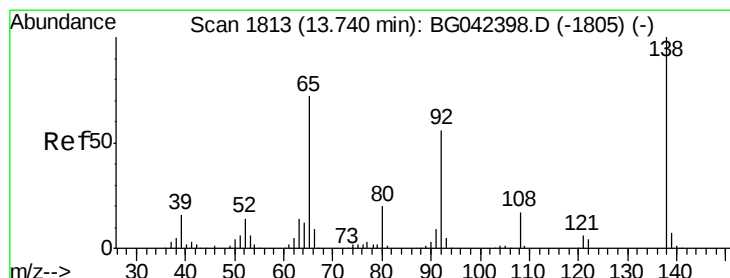
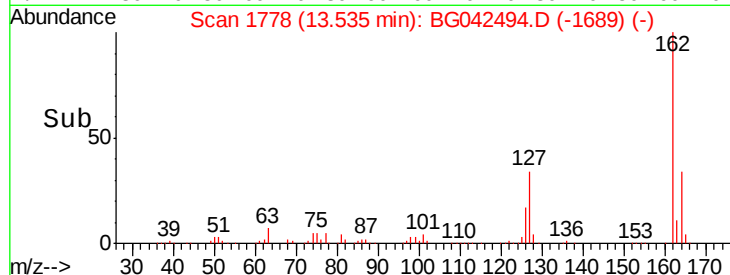
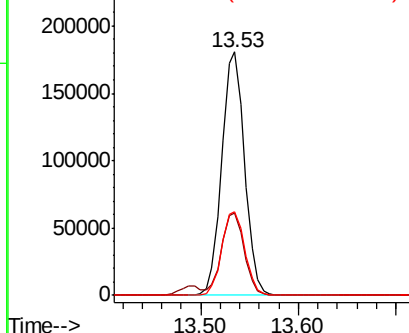


Abundance

Ion 162.00 (161.70 to 162.70): E

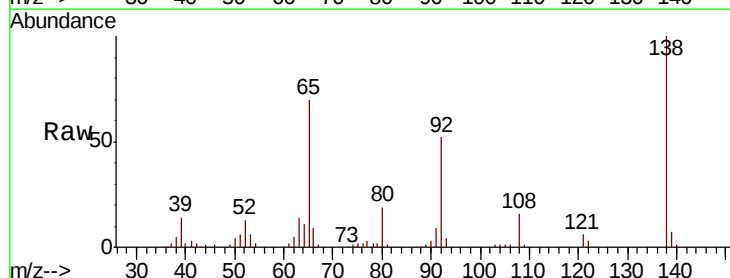
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 36.898 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	68830		
92	74.5	61.8	92.6	
138	143.3	111.0	166.6	

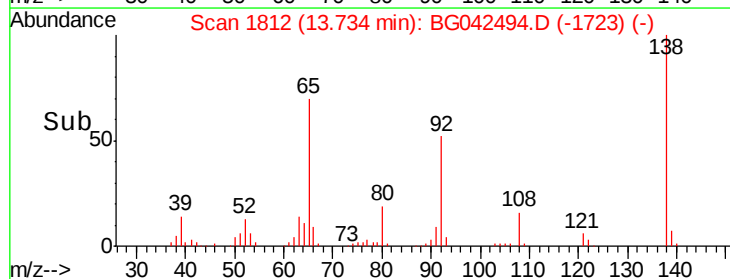
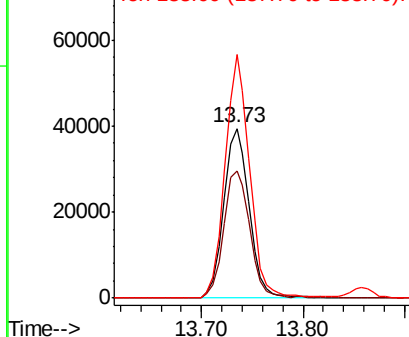


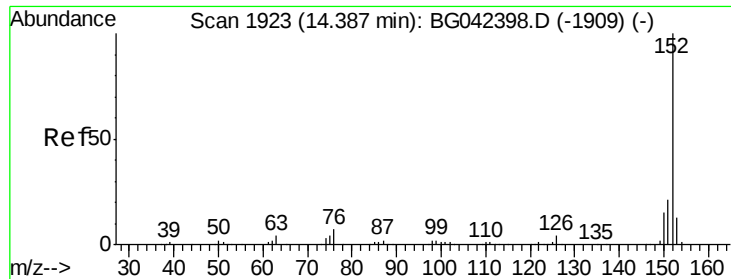
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.969 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

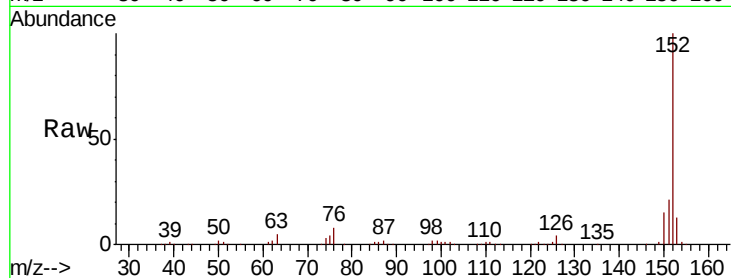
ClientSampleId :

PB122218BS

Tot Ion:	152	Resp:	465165
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.0	25.4
153	13.2	10.6	16.0

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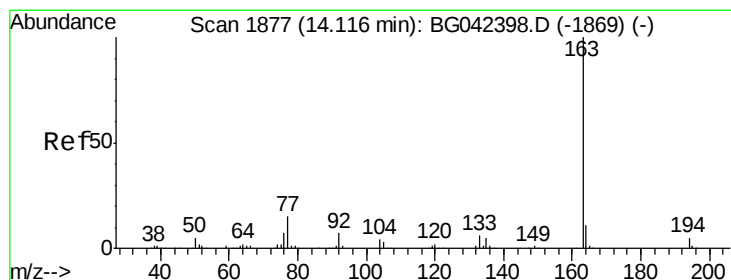
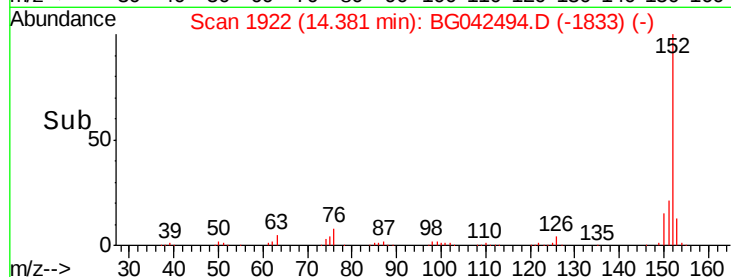
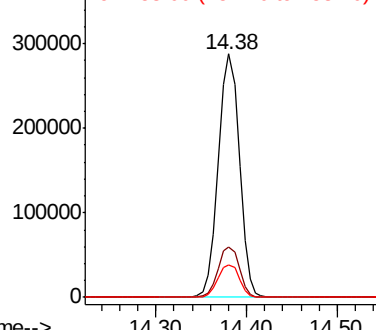


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.167 ng

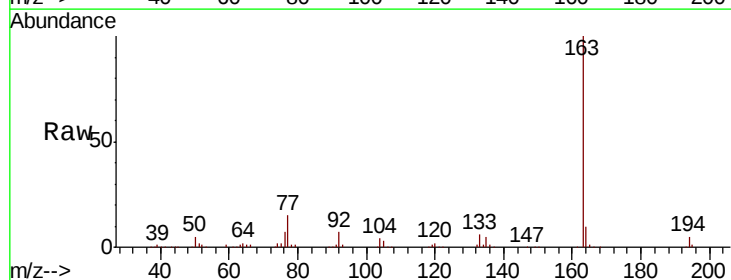
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	163	Resp:	372198
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	10.5	8.8	13.2

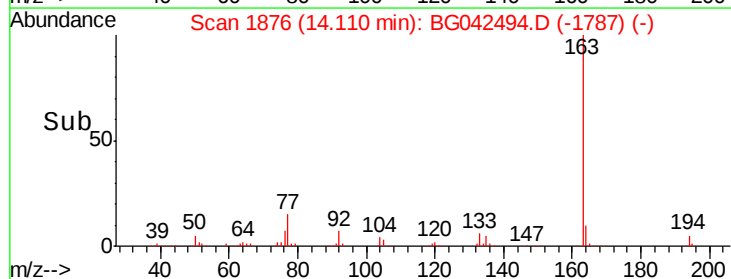
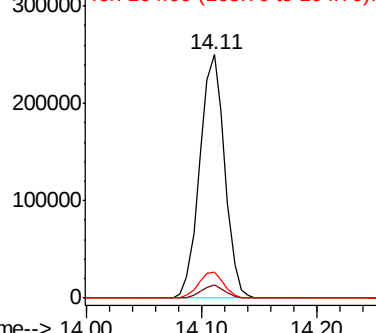


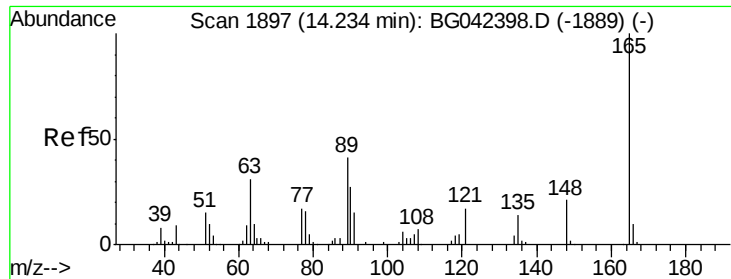
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





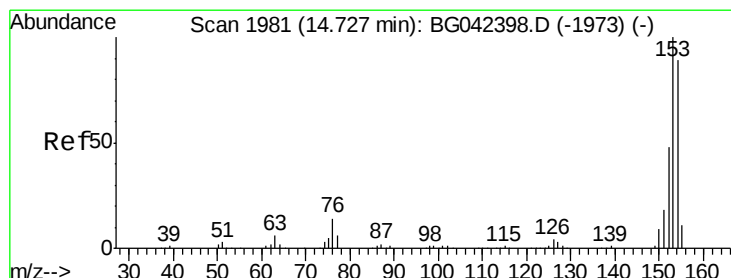
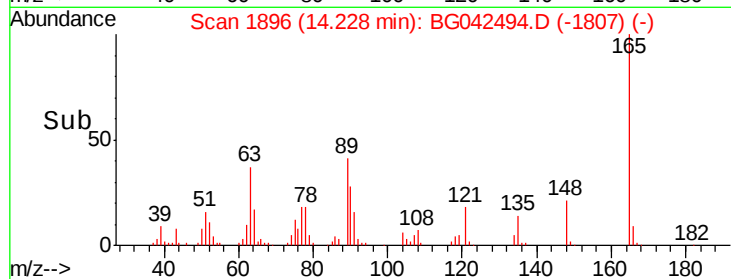
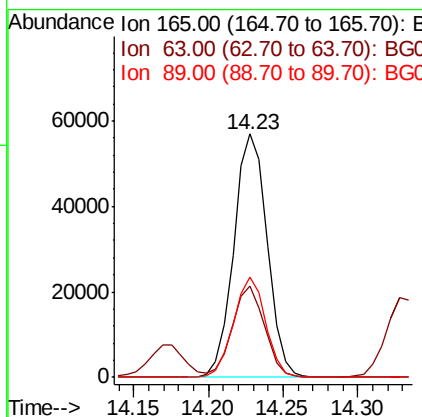
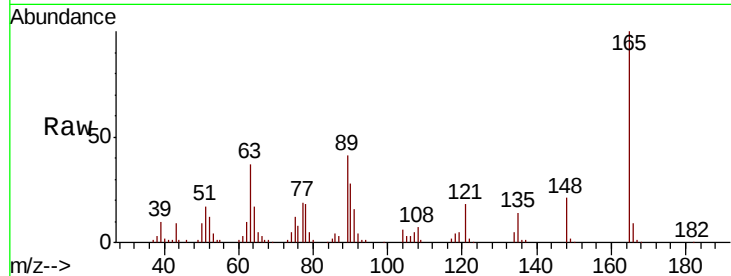
#51
 2,6-Dinitrotoluene
 Concen: 38.102 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	88443		
63	37.3		30.6	45.8
89	41.2		32.6	49.0

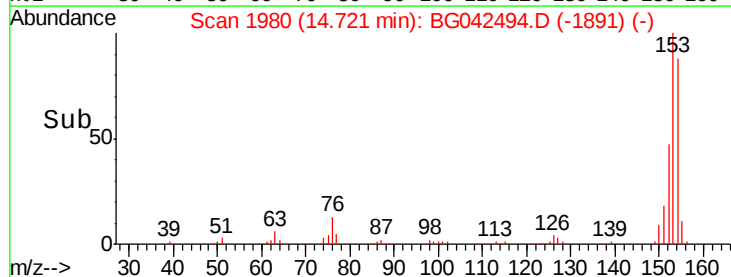
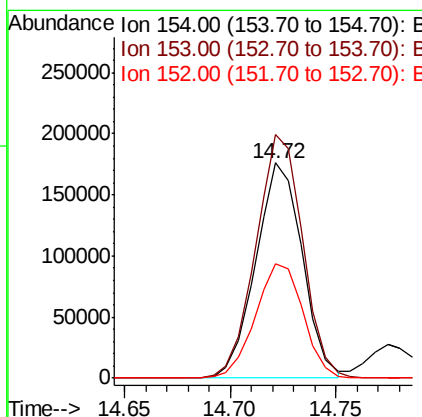
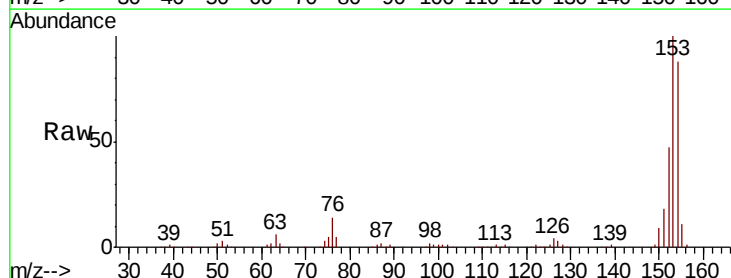
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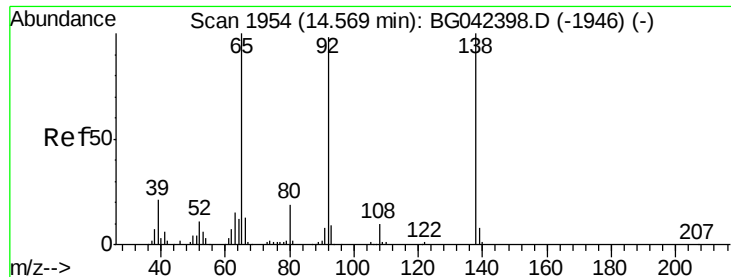
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#52
 Acenaphthene
 Concen: 38.275 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	270484		
153	113.2		90.2	135.4
152	53.3		43.2	64.8





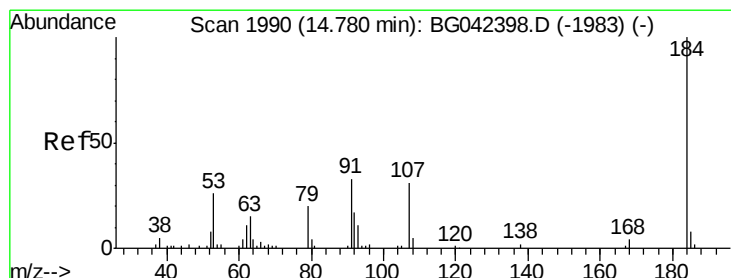
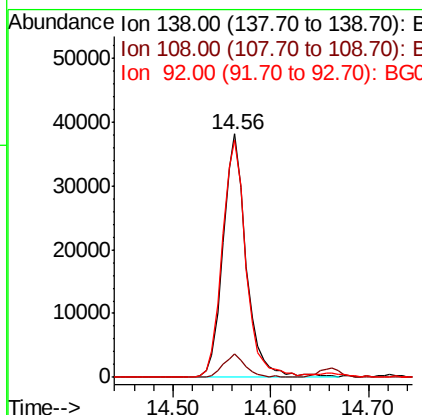
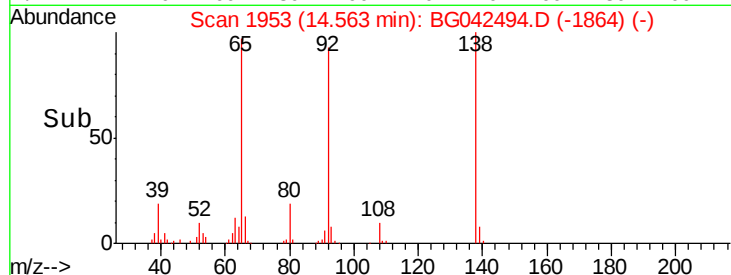
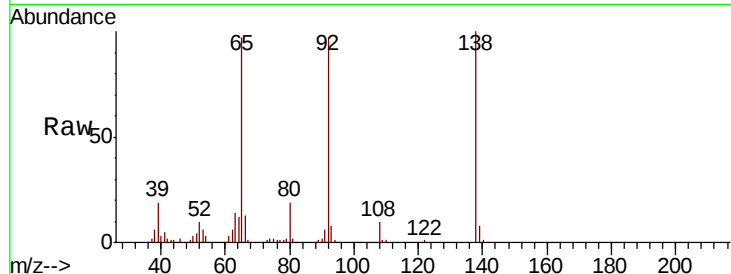
#53
3-Nitroaniline
Concen: 27.151 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampled :
PB122218BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.3	12.5
92	97.3	78.2	117.4

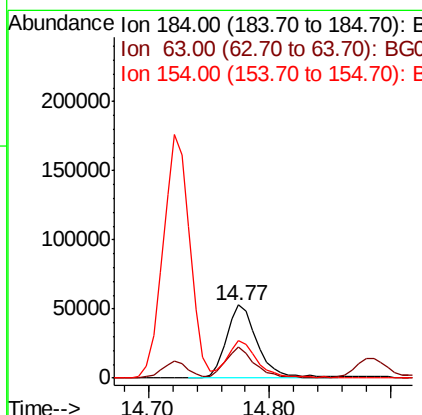
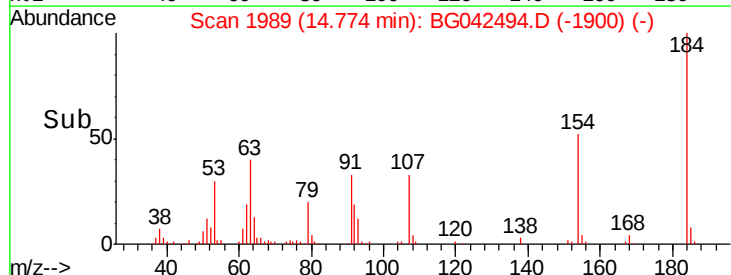
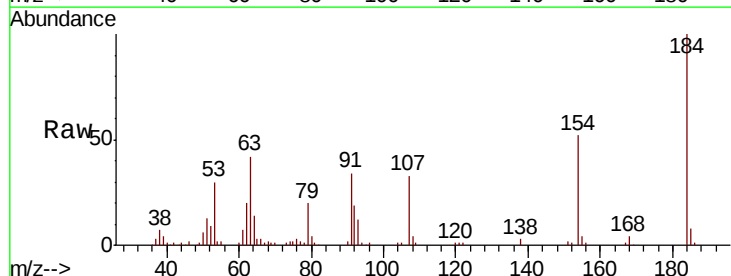
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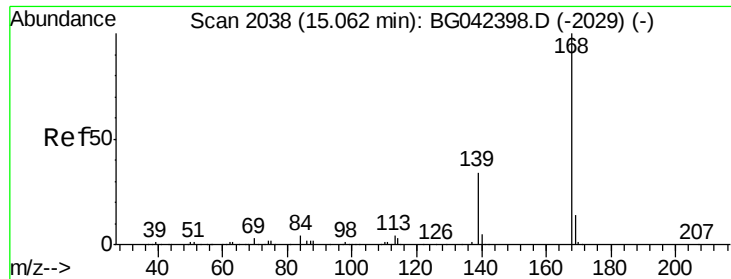
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#54
2,4-Dinitrophenol
Concen: 61.886 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	42.1	31.7	47.5
154	51.8	42.0	63.0





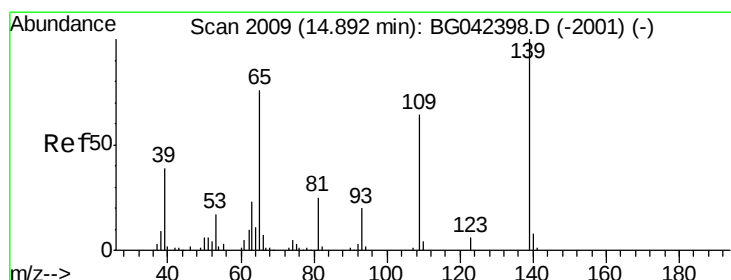
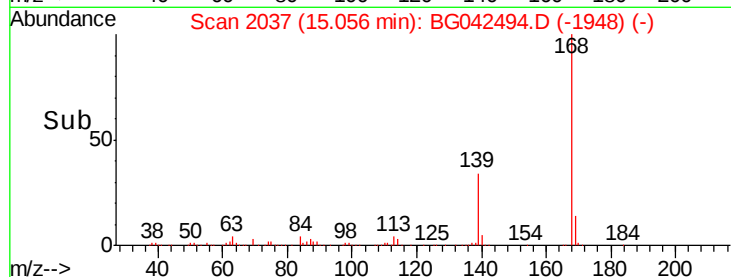
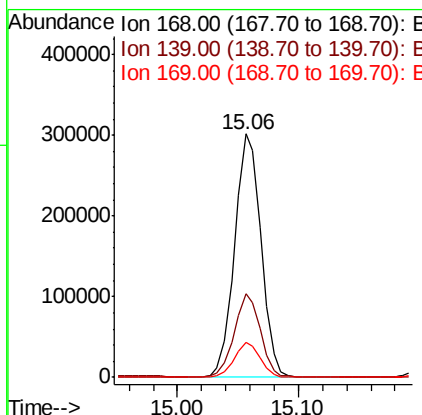
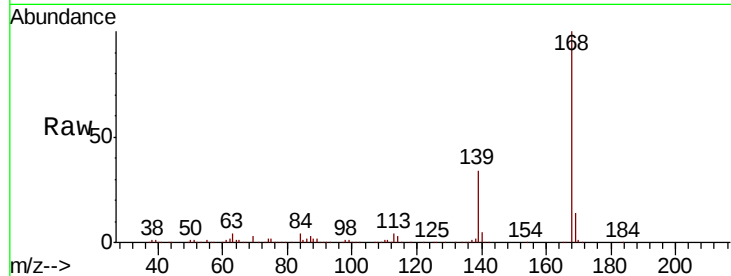
#55
Dibenzofuran
Concen: 39.294 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.2	27.2	40.8
169	14.2	11.5	17.3

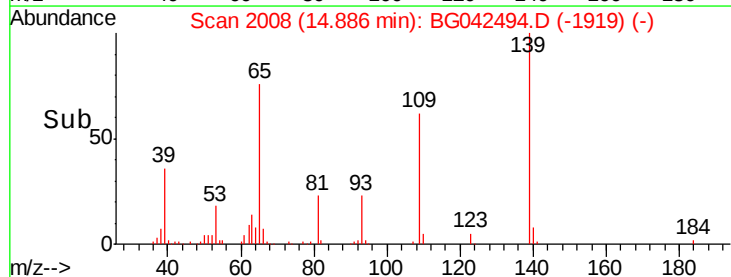
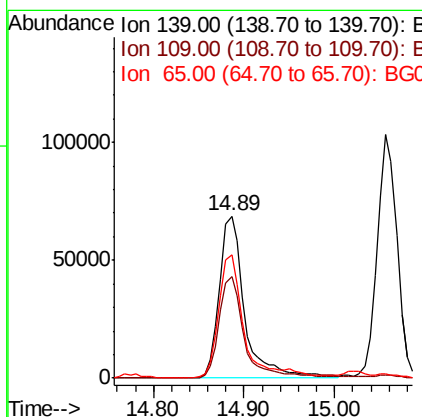
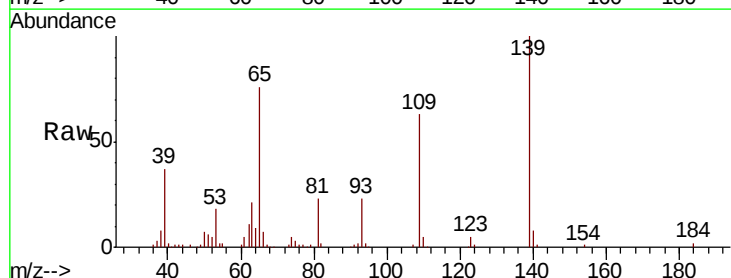
Manual Integrations
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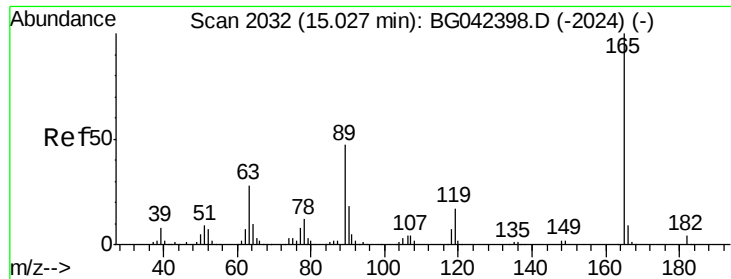
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8/27/2019 7:51:31 AM



#56
4-Nitrophenol
Concen: 80.797 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	43.9	83.9
65	76.3	56.3	96.3





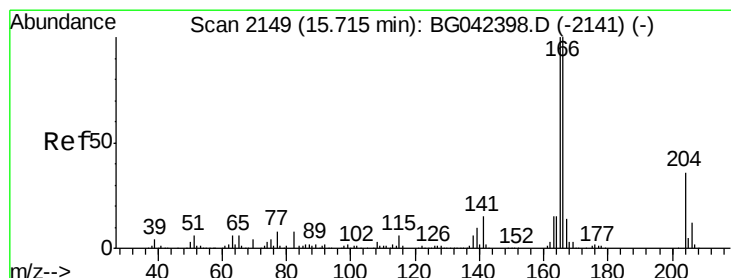
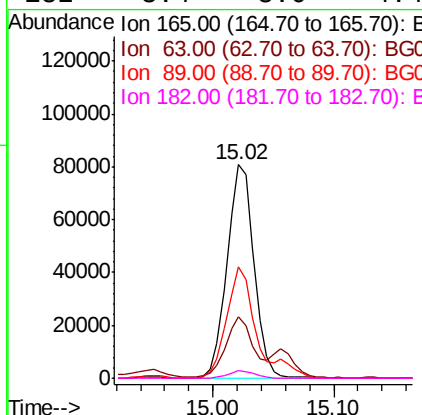
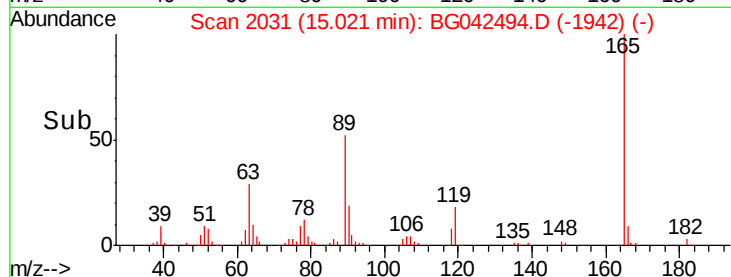
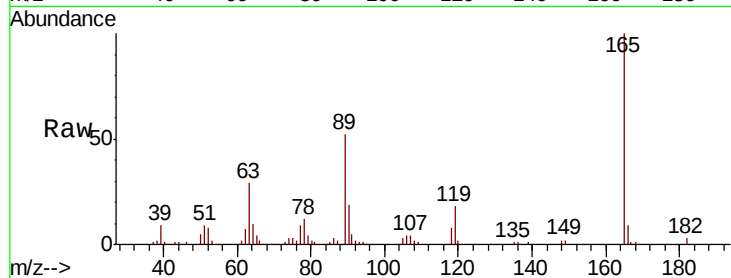
#57
 2,4-Dinitrotoluene
 Concen: 37.630 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		125081		
63	29.0	22.5	33.7		
89	52.2	37.8	56.6		
182	3.4	3.0	4.4		

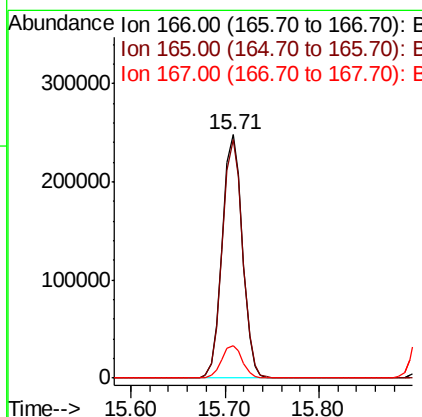
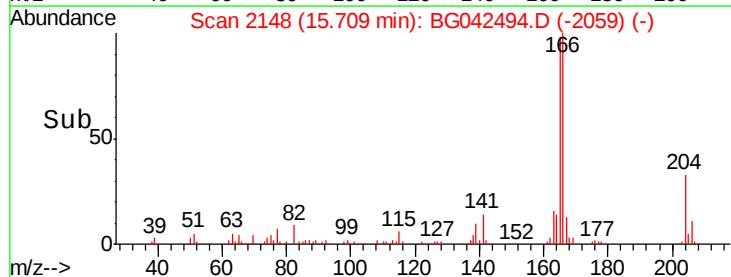
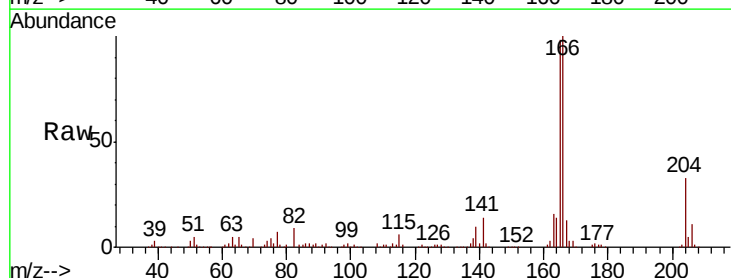
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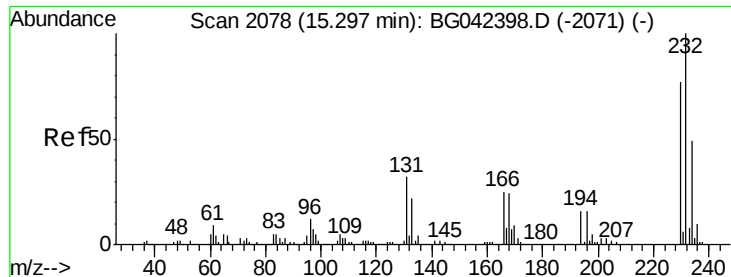
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#58
 Fluorene
 Concen: 38.912 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		372089		
165	97.9	79.7	119.5		
167	13.5	10.9	16.3		





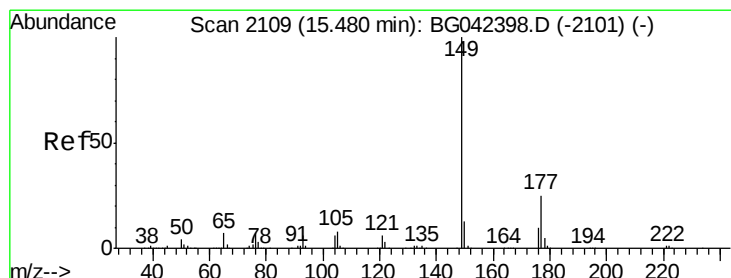
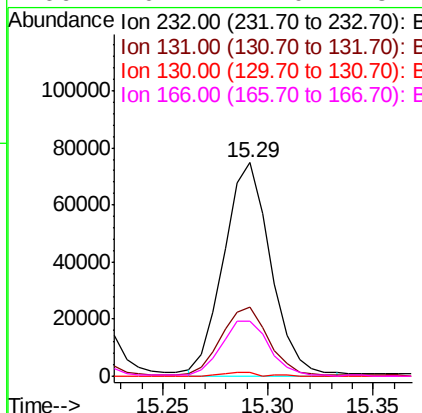
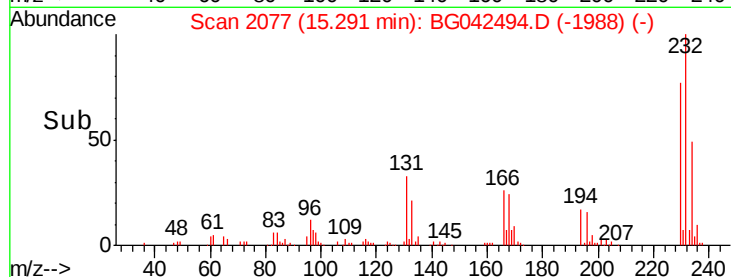
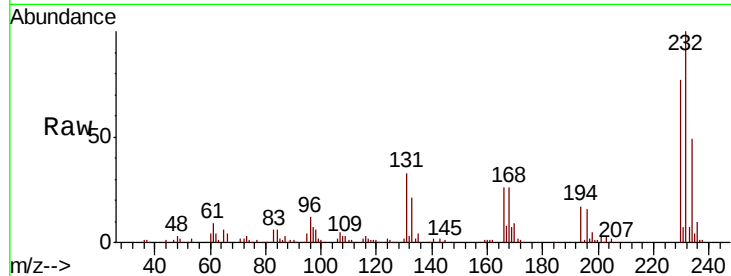
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.985 ng/ml
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	117276		
131	28.6		22.9	34.3
130	1.7		1.4	2.0
166	20.4		17.0	25.4

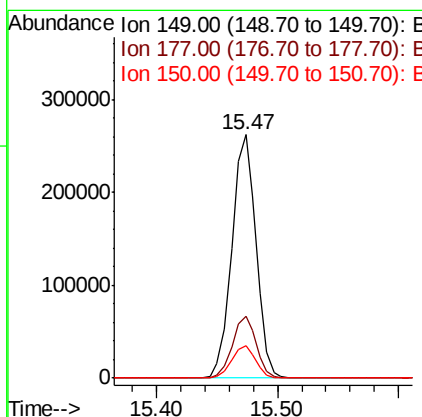
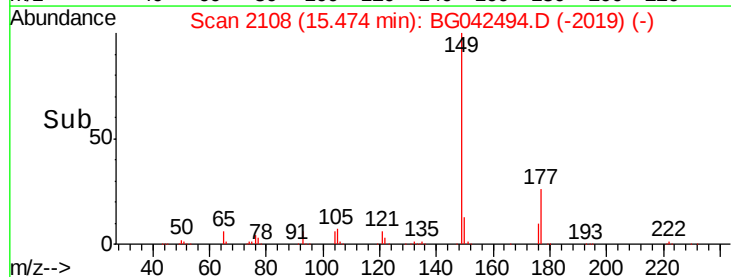
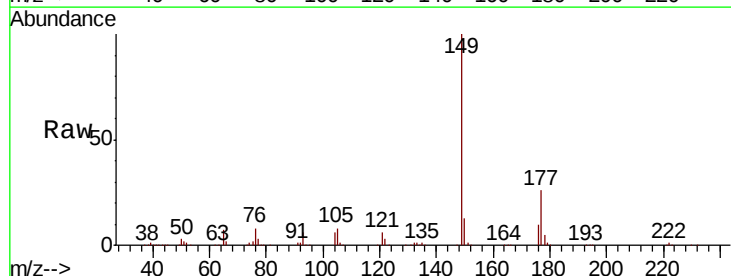
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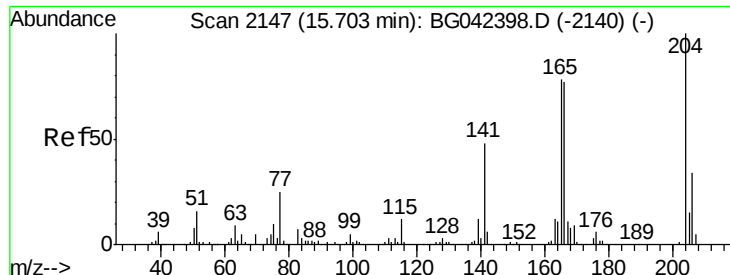
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#60
 Diethylphthalate
 Concen: 37.147 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	363651		
177	25.6		20.4	30.6
150	13.3		10.3	15.5





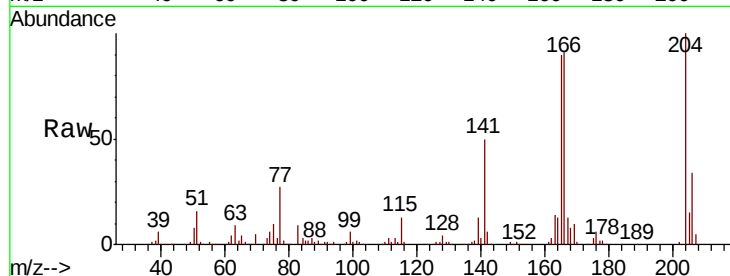
#61
4-Chlorophenyl-phenylether
Concen: 36.760 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	211897		
206	34.3	27.2	40.8	
141	50.4	38.7	58.1	

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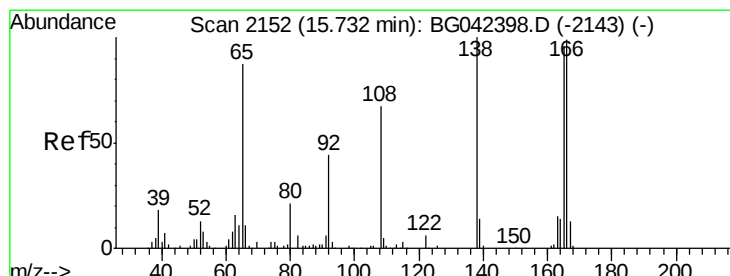
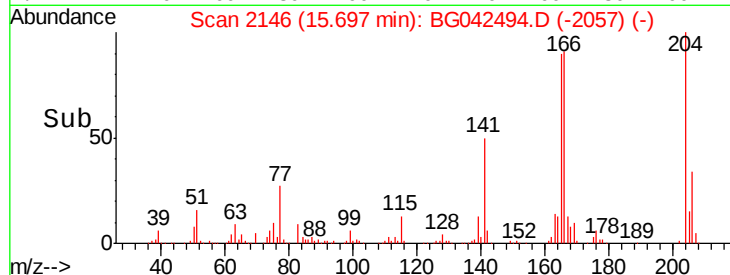
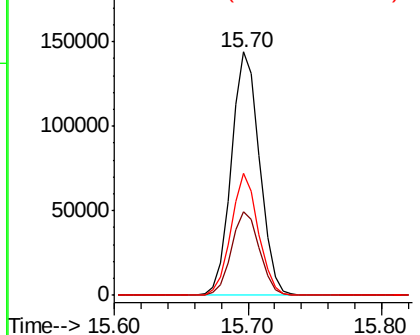


Abundance

Ion 204.00 (203.70 to 204.70): E

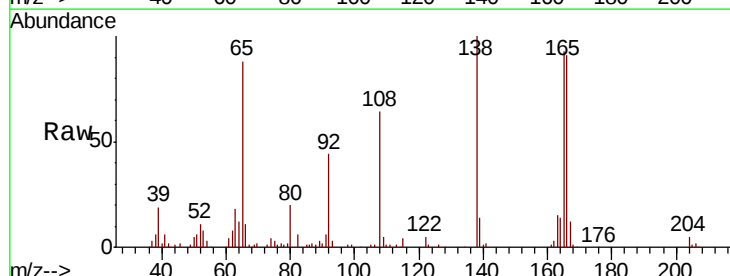
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.681 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	91135		
92	44.4	24.2	64.2	
108	64.5	46.8	86.8	

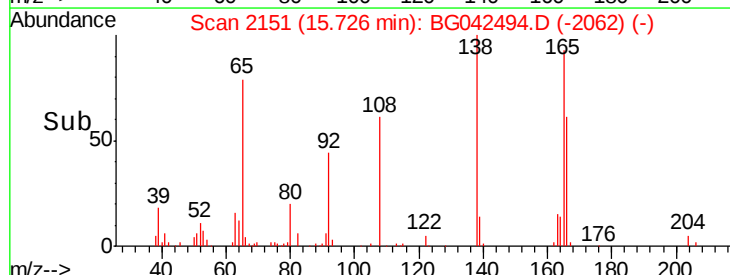
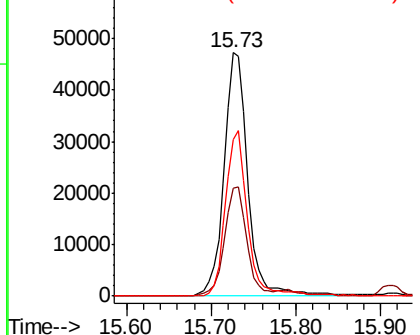


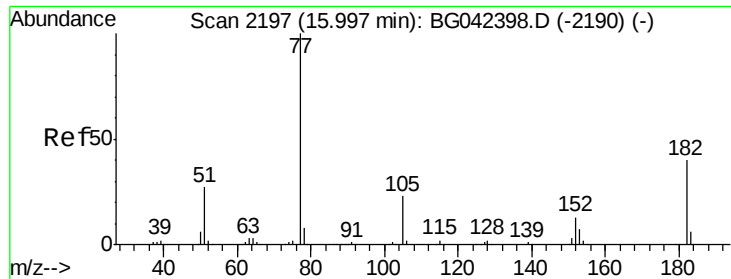
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





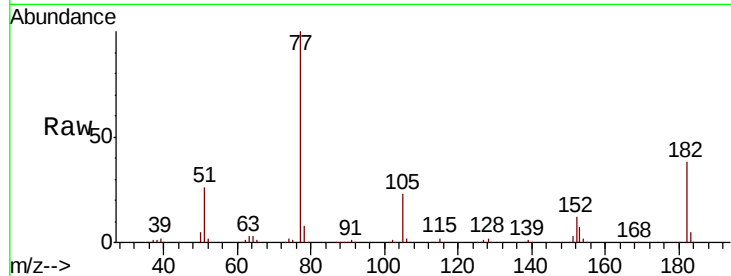
#63
Azobenzene
Concen: 39.508 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

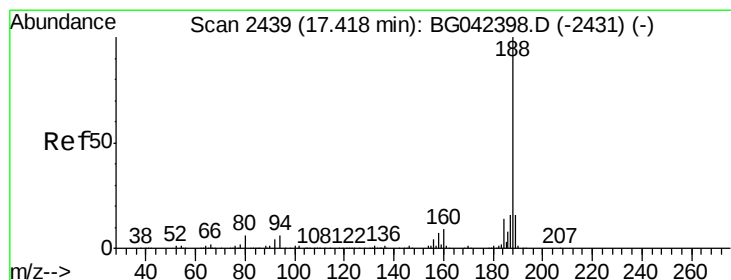
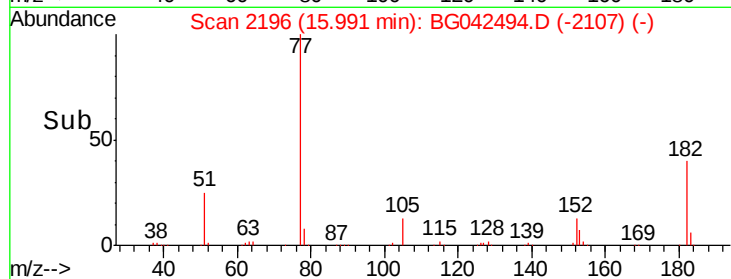
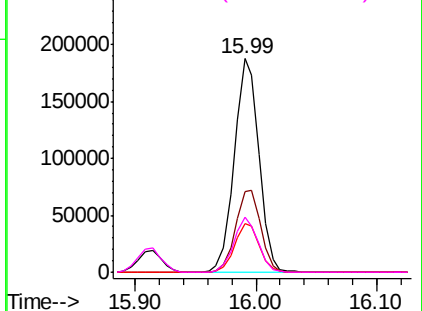
Tot Ion	77	Resp	265018
Ion Ratio	Lower	Upper	
77	100		
182	37.7	19.9	59.9
105	22.8	2.9	42.9
51	26.0	7.6	47.6

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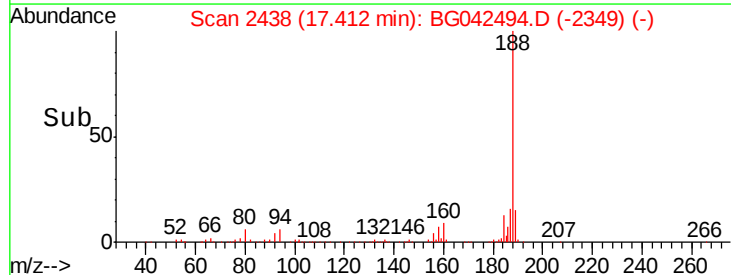
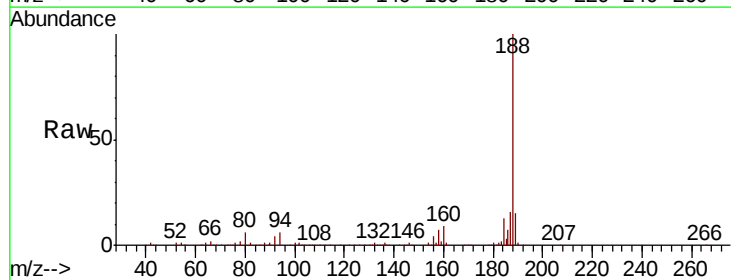
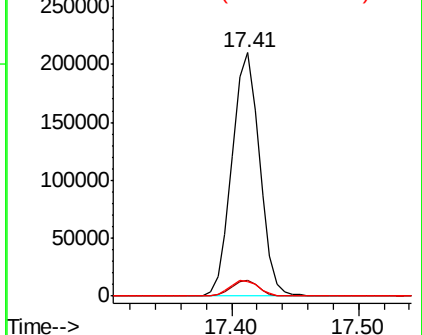
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

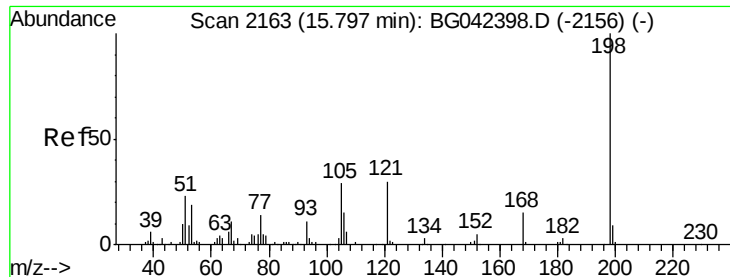


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	188	Resp	315692
Ion Ratio	Lower	Upper	
188	100		
94	6.4	4.5	6.7
80	6.2	4.9	7.3

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.378 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

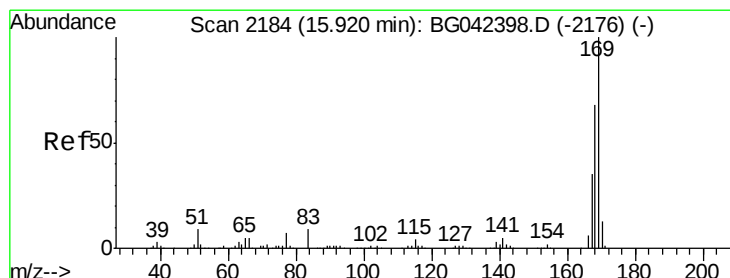
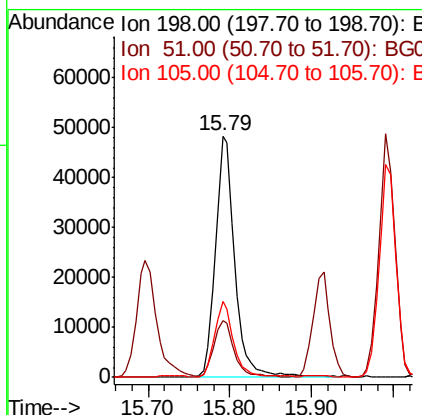
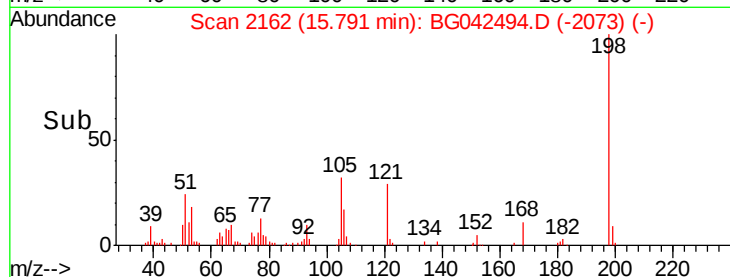
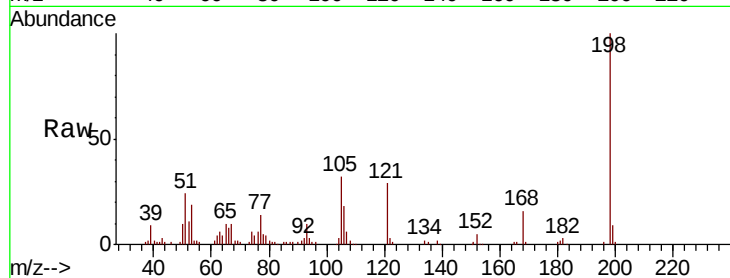
ClientSampleId :

PB122218BS

Tot Ion:	198	Resp:	79919
Ion	Ratio	Lower	Upper
198	100		
51	23.8	4.2	44.2
105	31.5	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 39.432 ng

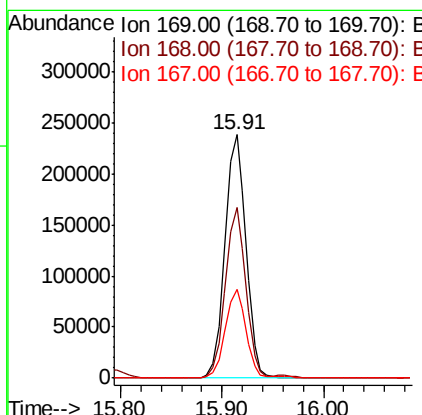
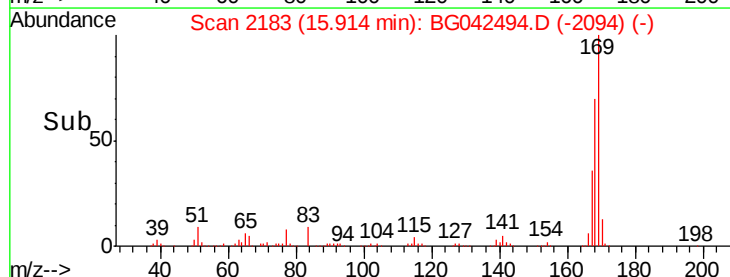
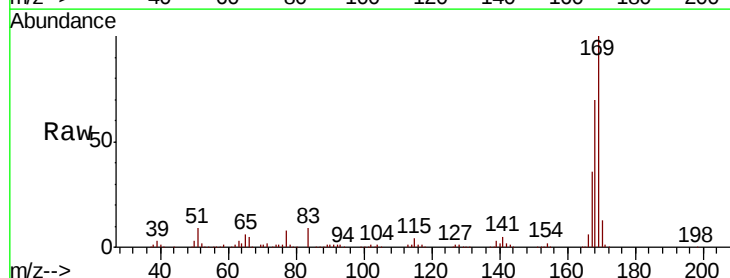
RT: 15.91 min Scan# 2183

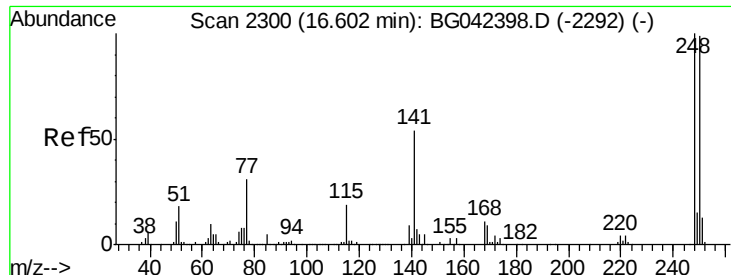
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	169	Resp:	342340
Ion	Ratio	Lower	Upper
169	100		
168	69.9	54.3	81.5
167	36.4	28.2	42.2





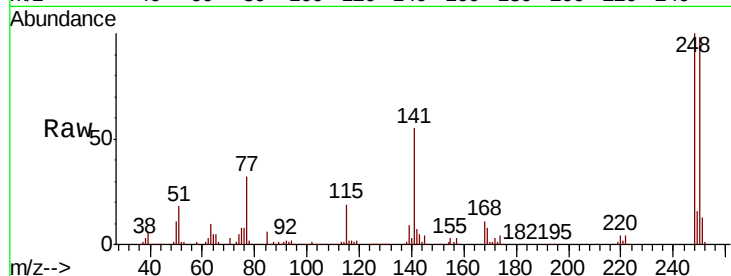
#67
 4-Bromophenyl-phenylether
 Concen: 35.996 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampled :
 PB122218BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	144139		
250	98.3	78.9	118.3	
141	55.0	43.3	64.9	

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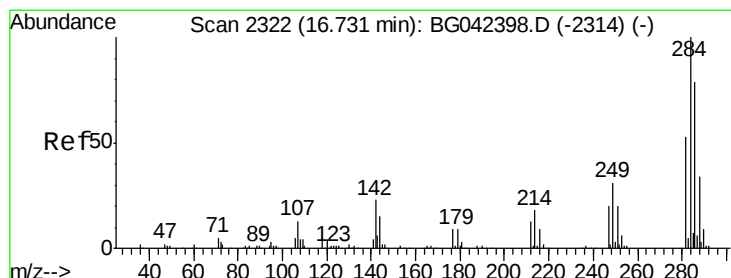
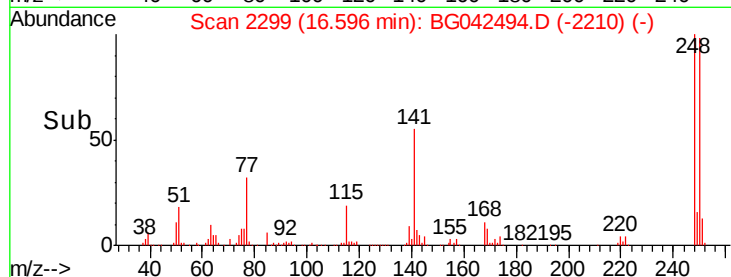
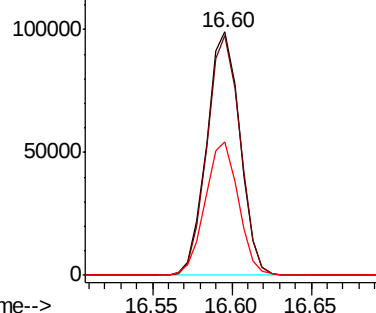


Abundance

Ion 248.00 (247.70 to 248.70): E

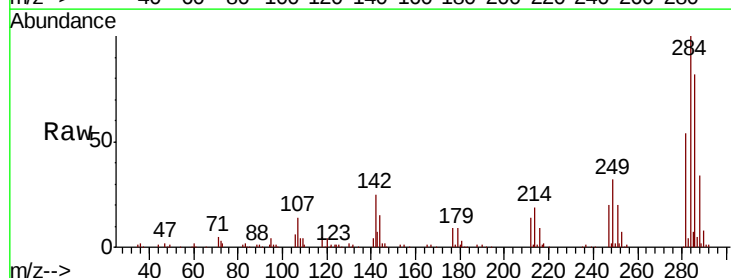
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.608 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	150648		
142	24.7	18.2	27.4	
249	31.6	25.0	37.4	

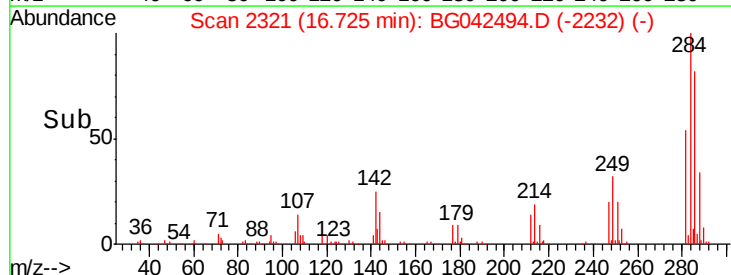
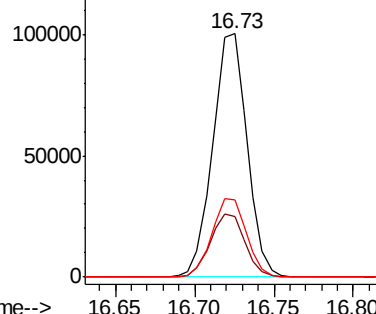


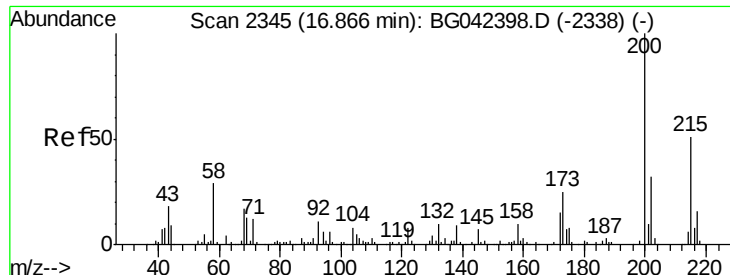
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





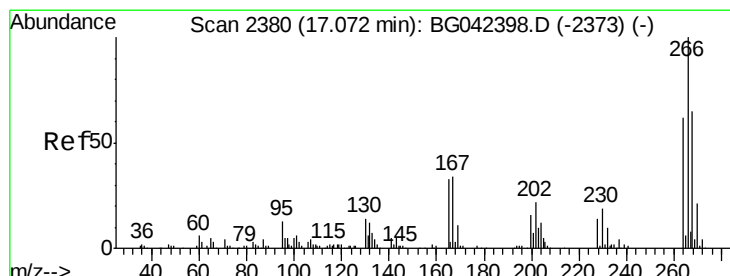
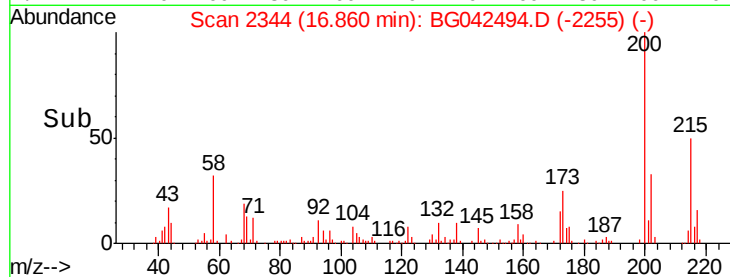
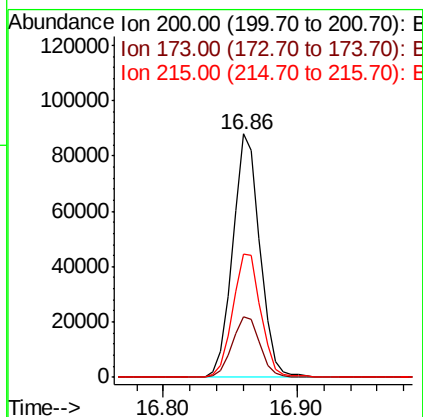
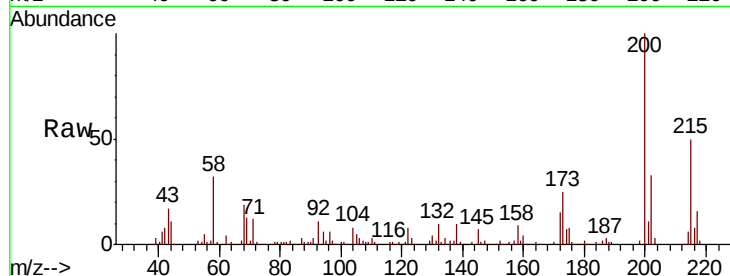
#69
 Atrazine
 Concen: 40.561 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	4.9	44.9
215	50.5	30.7	70.7

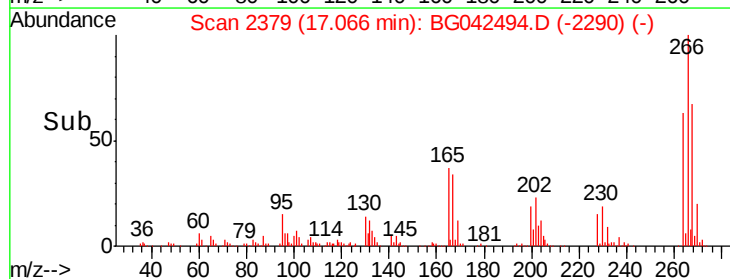
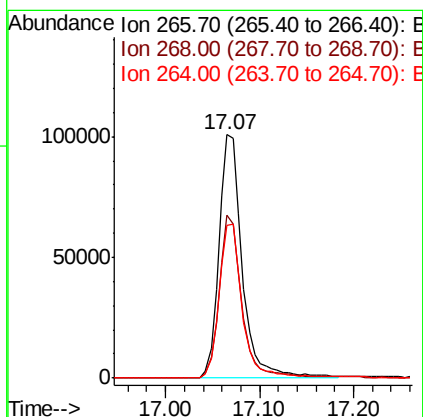
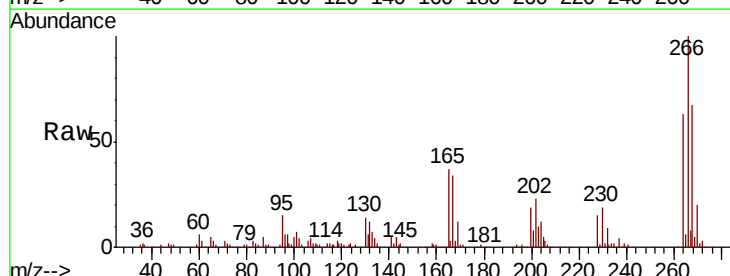
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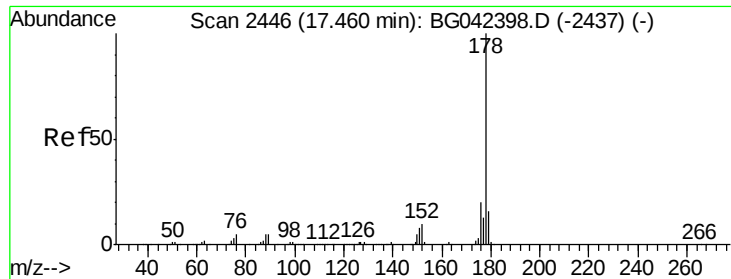
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#70
 Pentachlorophenol
 Concen: 77.230 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.8	52.1	78.1
264	62.8	49.4	74.2





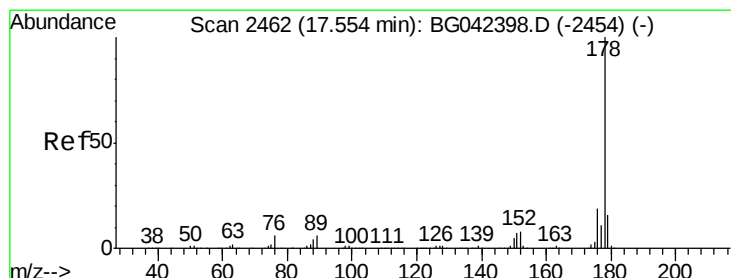
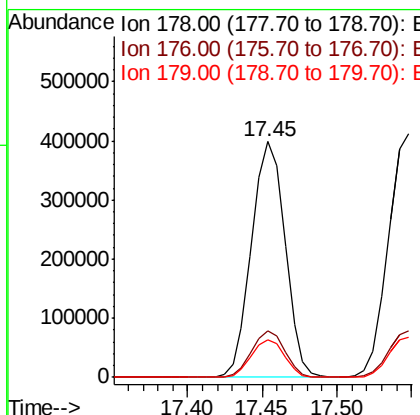
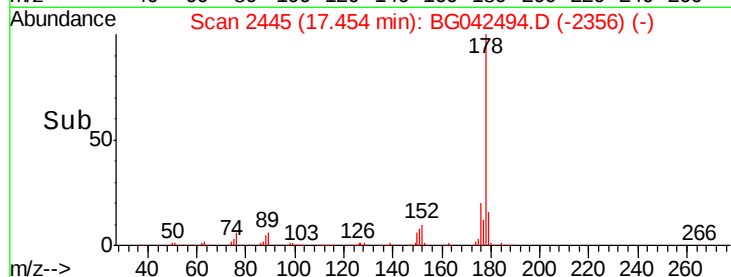
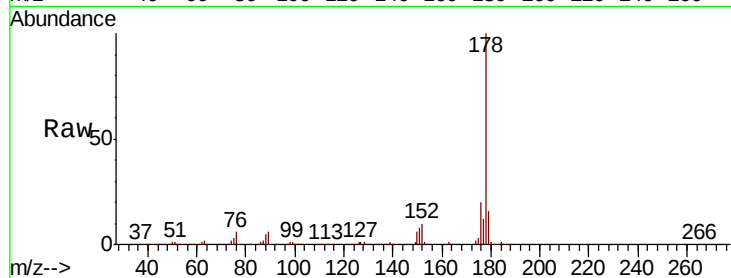
#71
Phenanthrene
Concen: 39.602 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.1	12.7	19.1

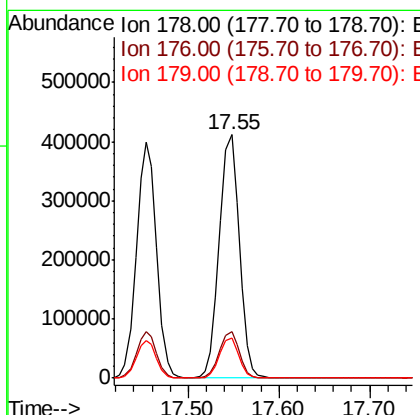
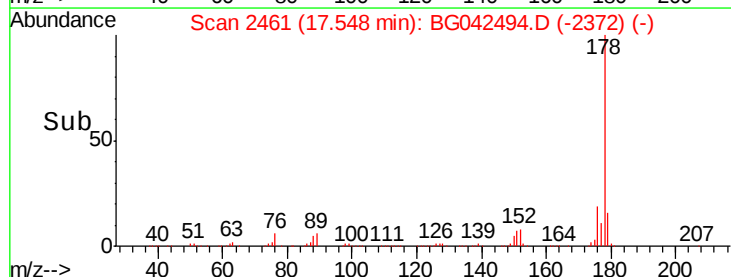
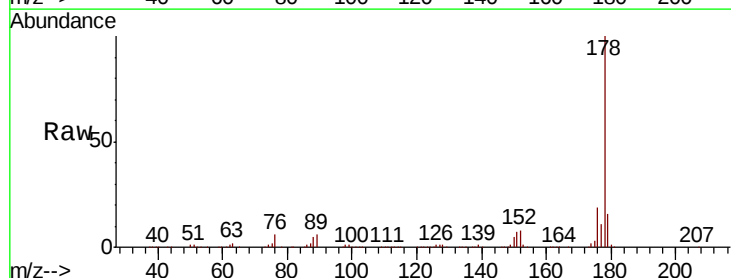
Manual Integrations
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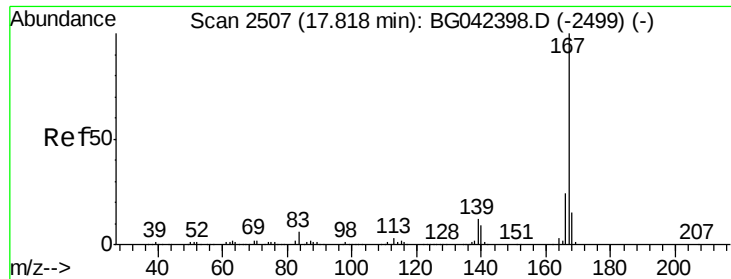
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#72
Anthracene
Concen: 40.365 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.4	12.9	19.3





#73

Carbazole

Concen: 40.447 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

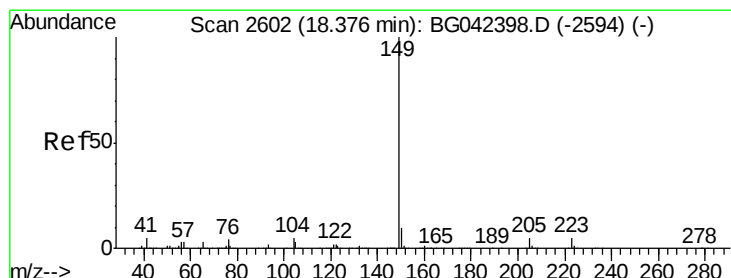
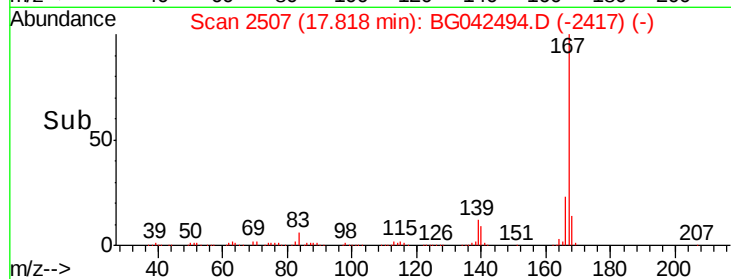
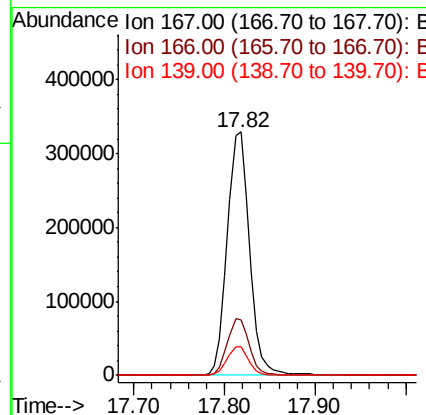
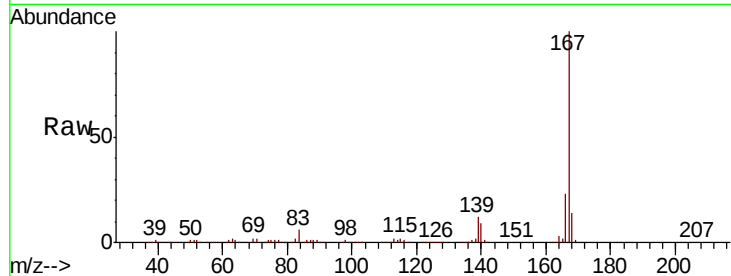
ClientSampleId :

PB122218BS

Tot Ion:	167	Resp:	564301
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.9	28.3
139	11.6	9.8	14.6

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#74

Di-n-butylphthalate

Concen: 40.238 ng

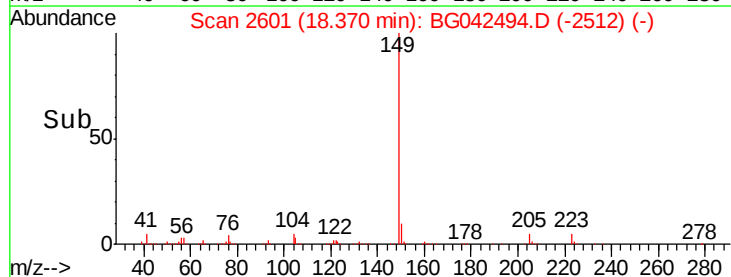
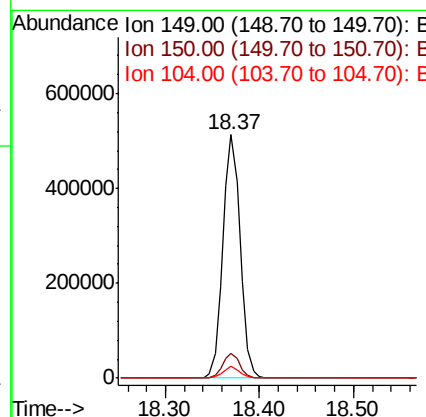
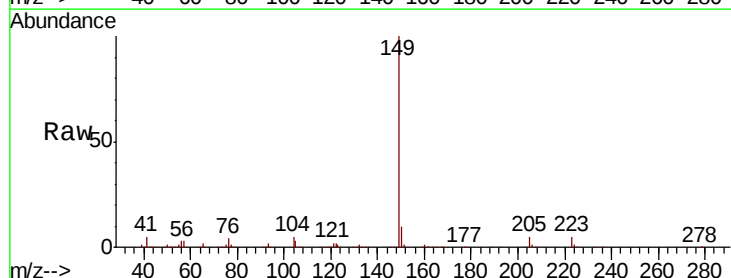
RT: 18.37 min Scan# 2601

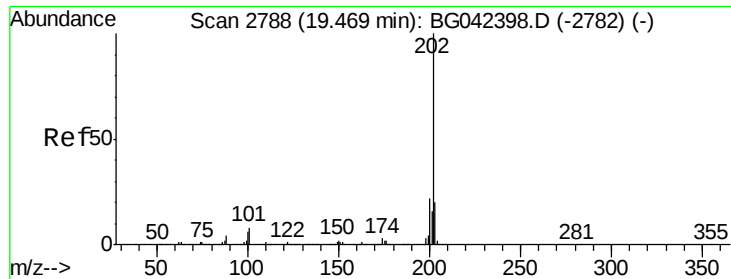
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	149	Resp:	663618
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.1	12.1
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 42.536 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

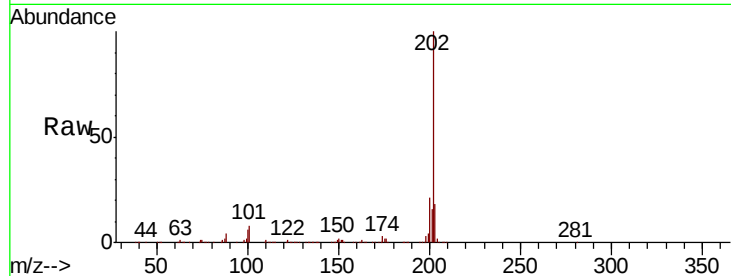
ClientSampleId :

PB122218BS

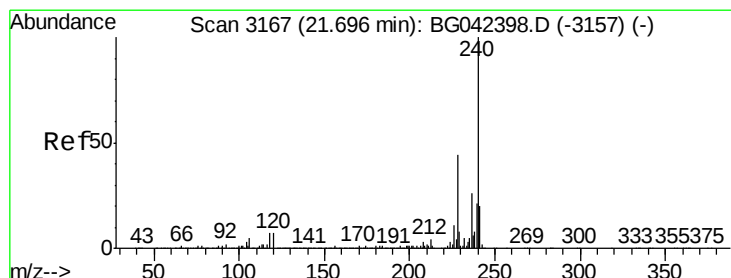
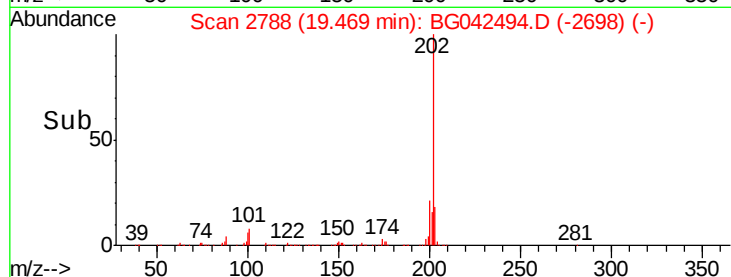
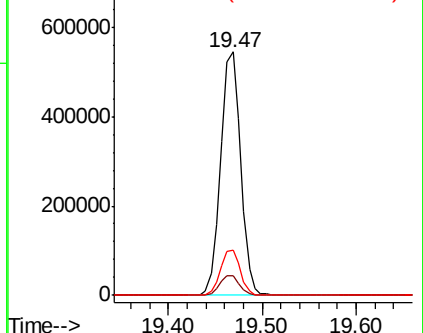
Tot Ion	Ratio	Resp	Lower	Upper
202	100	814040		
101	8.0	0.0	28.3	
203	18.4	0.0	39.6	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

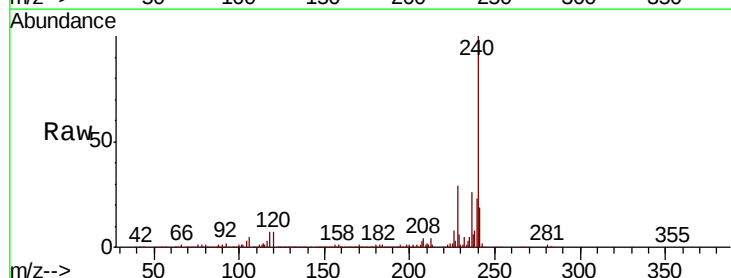
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

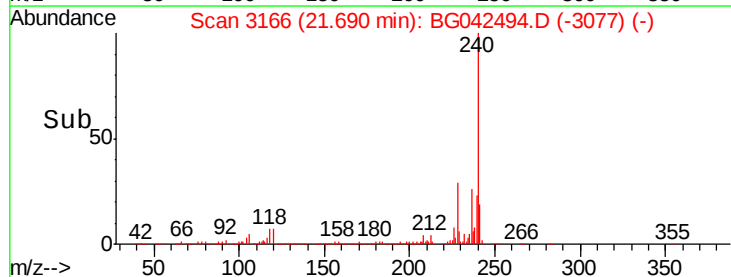
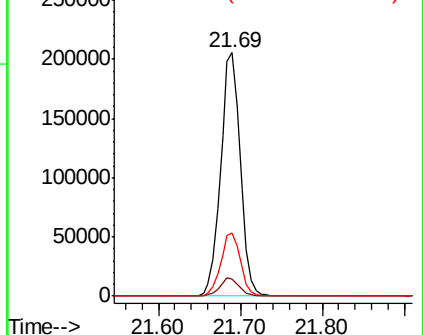
Lab File: BG042494.D

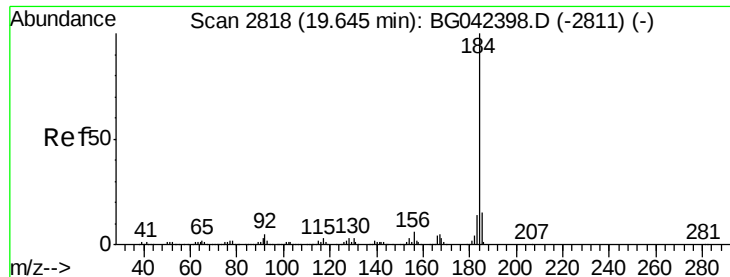
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343447		
120	7.0	5.7	8.5	
236	25.9	21.0	31.4	



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: 35.462 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

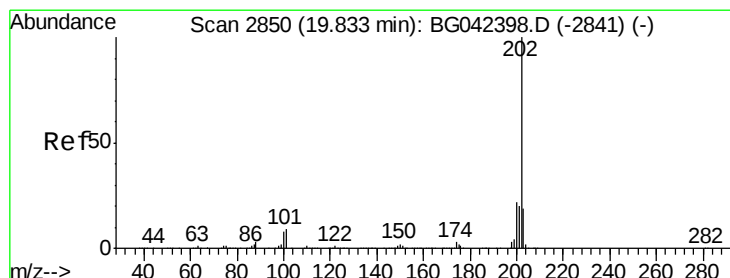
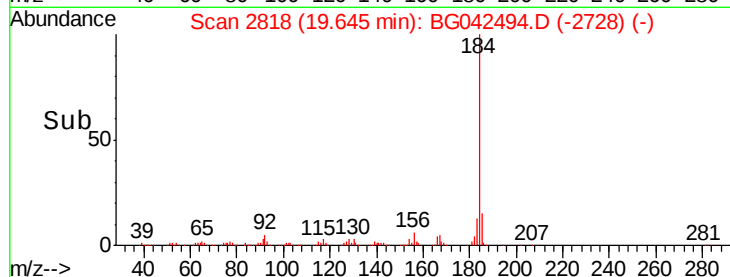
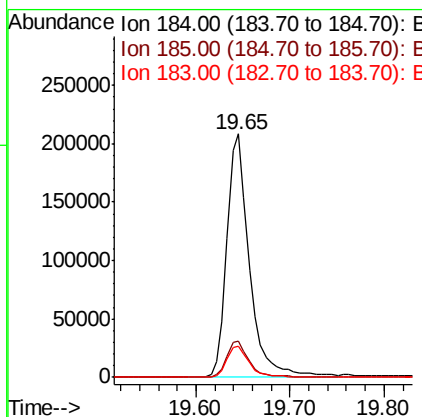
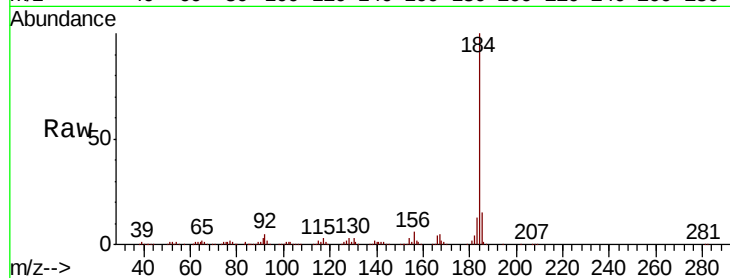
ClientSampleId :

PB122218BS

Tot Ion:	184	Resp:	349188
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.4
183	13.0	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 39.018 ng

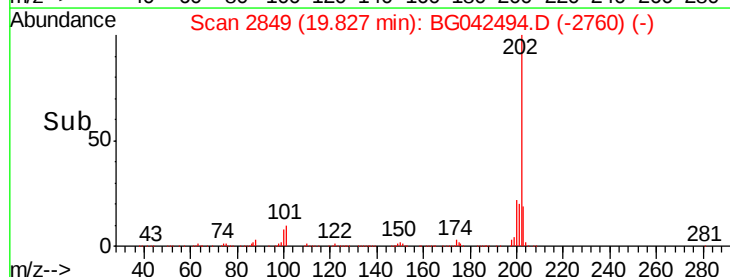
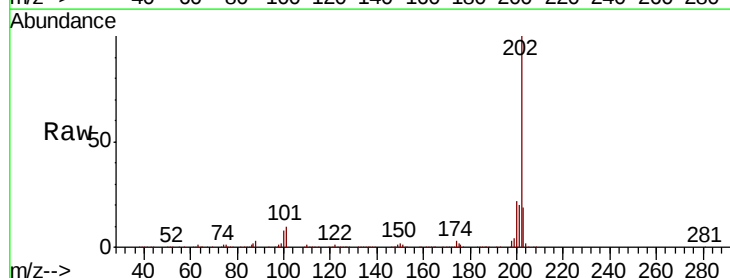
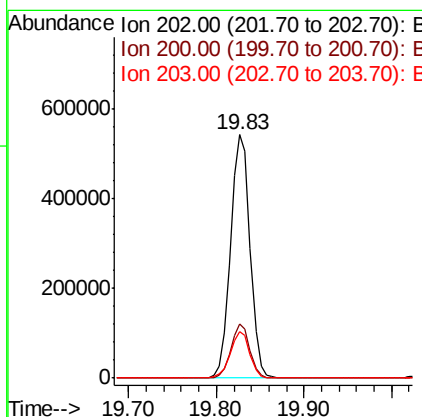
RT: 19.83 min Scan# 2849

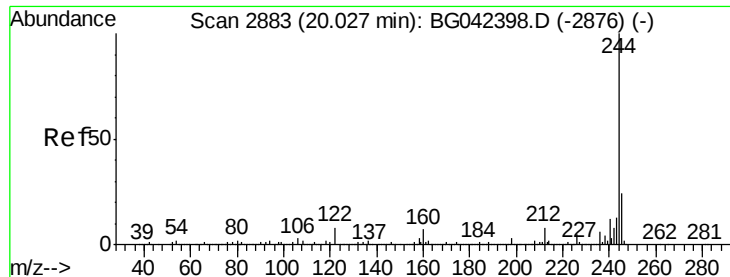
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	202	Resp:	821581
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.6
203	19.1	15.5	23.3





#79

Terphenyl-d14

Concen: 62.702 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

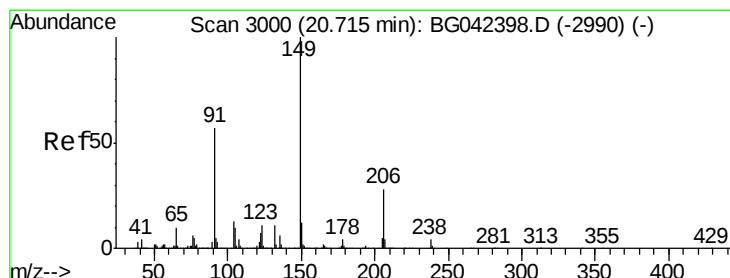
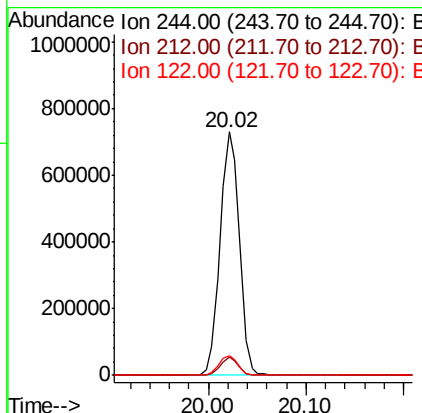
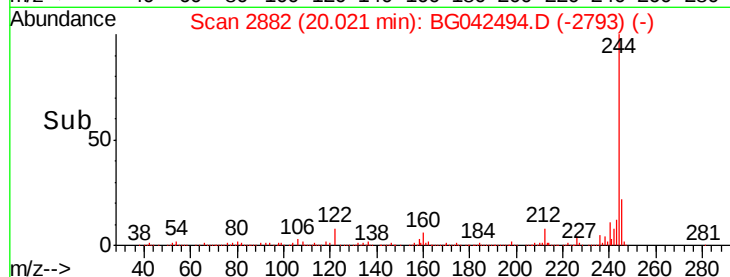
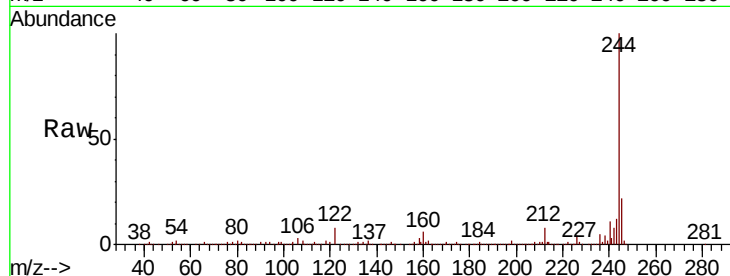
ClientSampleId :

PB122218BS

Tot Ion:	244	Resp:	996103
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.3	6.7	10.1

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#80

Butylbenzylphthalate

Concen: 38.957 ng

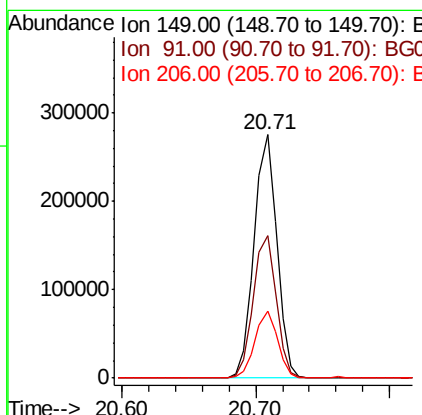
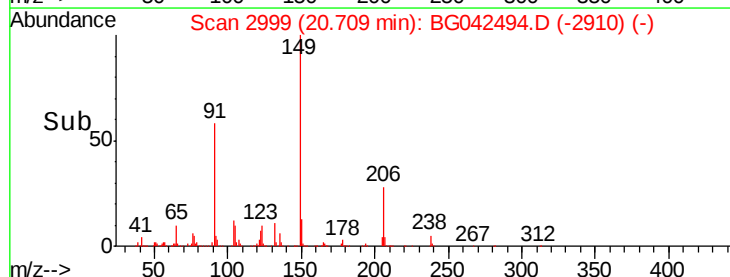
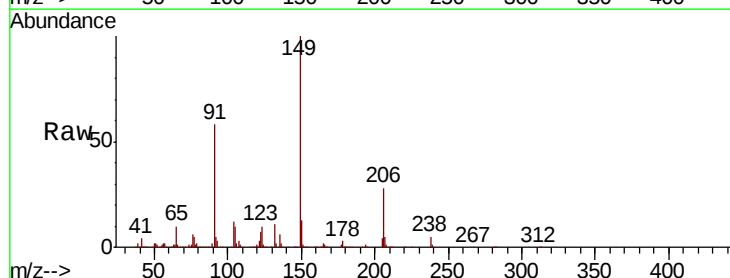
RT: 20.71 min Scan# 2999

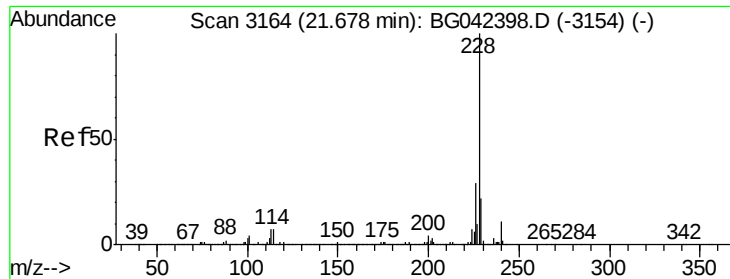
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	149	Resp:	322643
Ion Ratio		Lower	Upper
149	100		
91	58.5	45.9	68.9
206	27.6	22.5	33.7





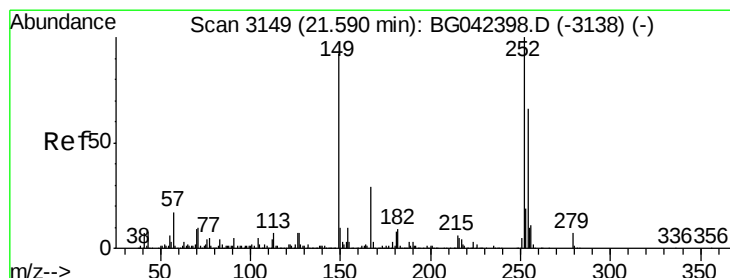
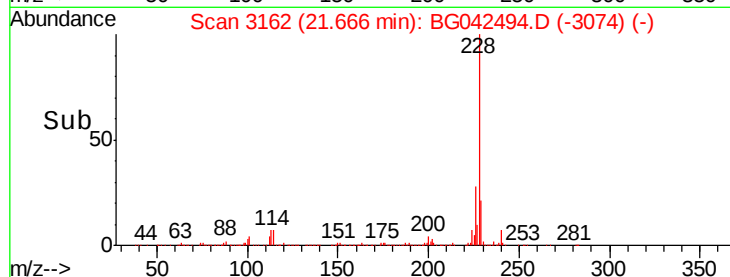
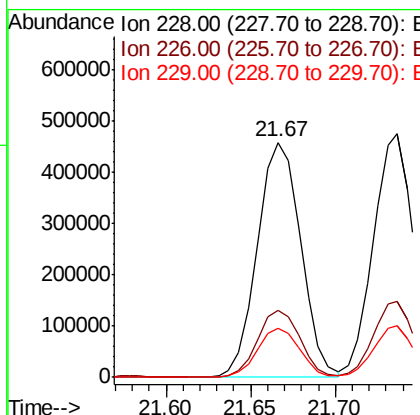
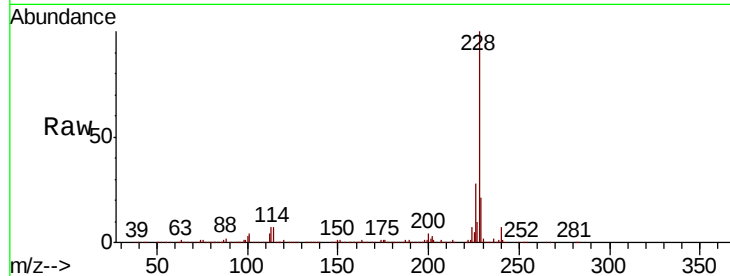
#81
Benzo(a)anthracene
Concen: 38.901 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.6	17.4	26.2

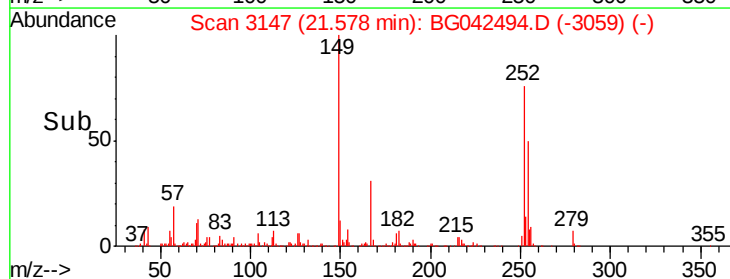
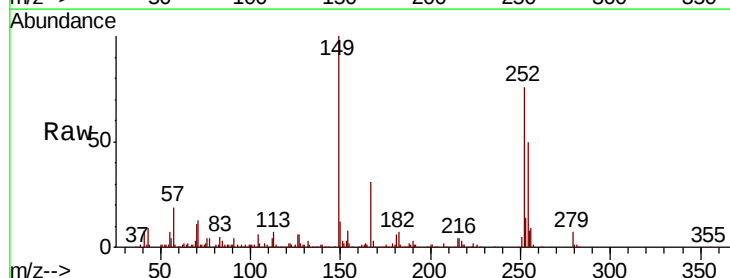
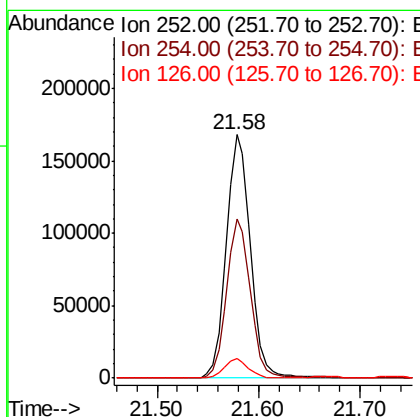
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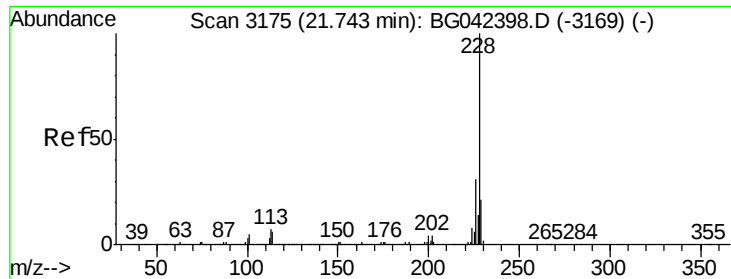
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#82
3,3'-Dichlorobenzidine
Concen: 32.913 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.0	79.4
126	8.1	5.7	8.5





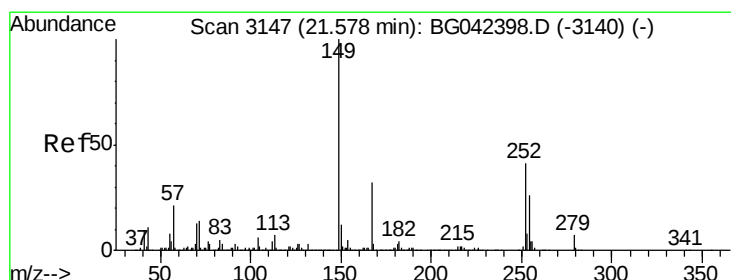
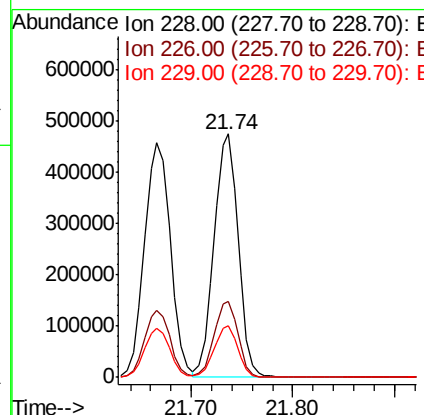
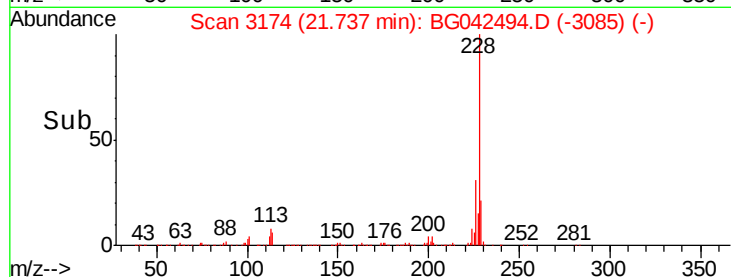
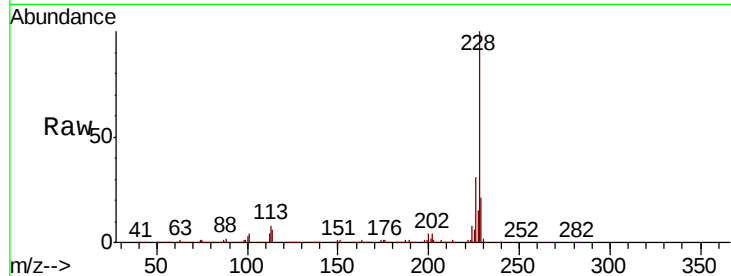
#83
 Chrysene
 Concen: 38.936 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.3	16.9	25.3

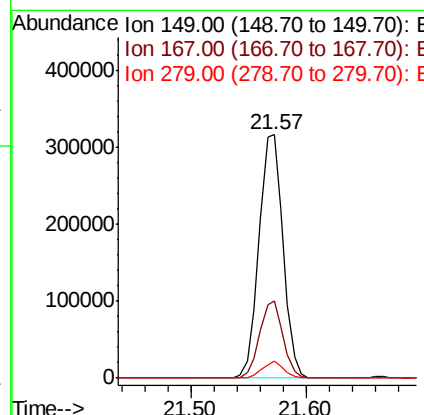
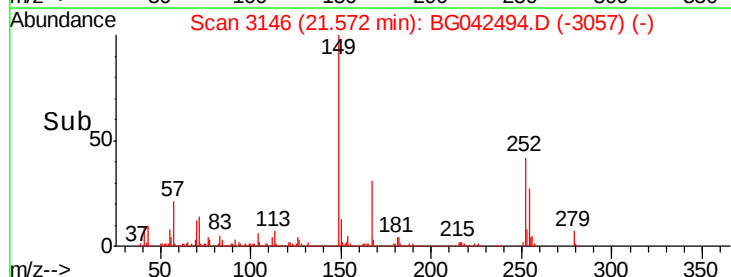
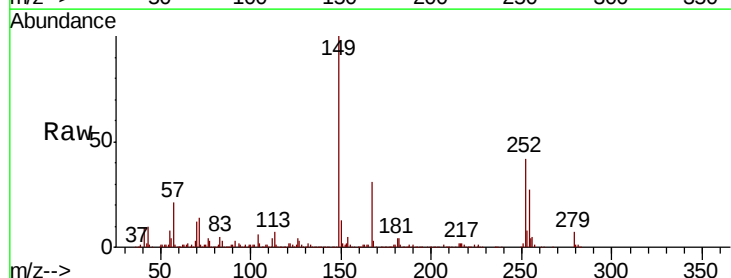
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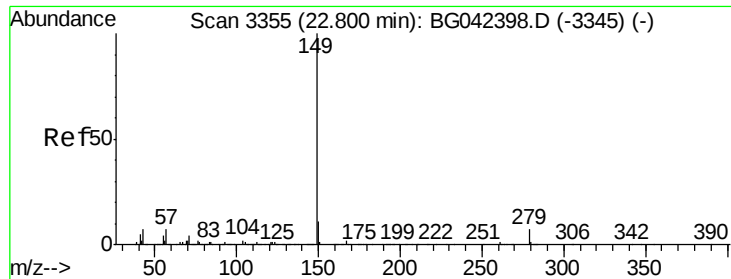
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.034 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042494.D
 Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	26.0	39.0
279	6.8	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 40.482 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

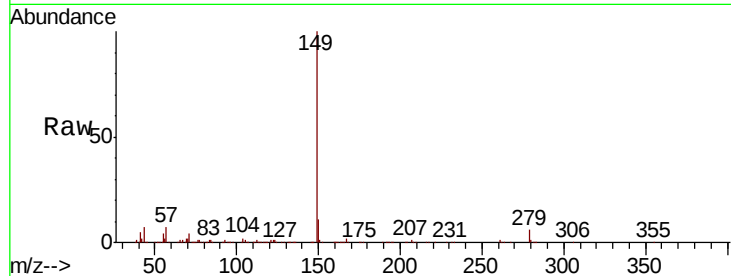
ClientSampleId :

PB122218BS

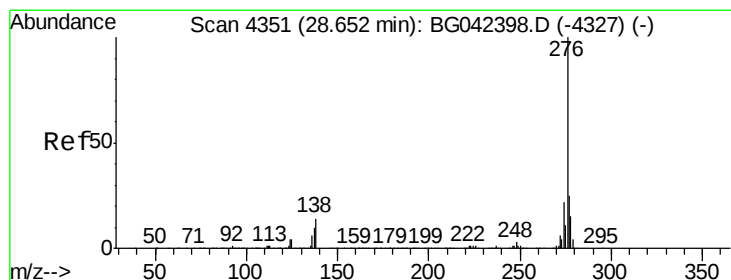
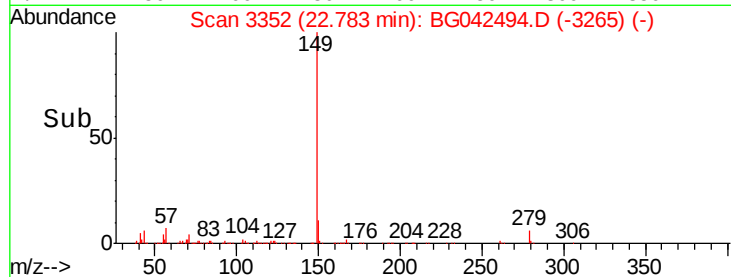
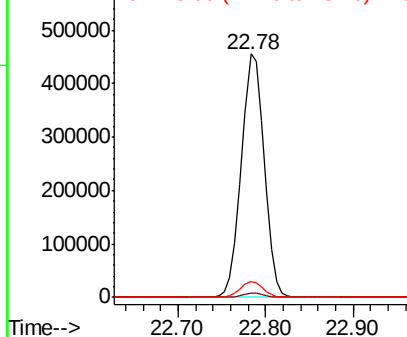
Tot Ion:	149	Resp:	800636
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.6	2.4
43	6.3	5.3	7.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.644 ng

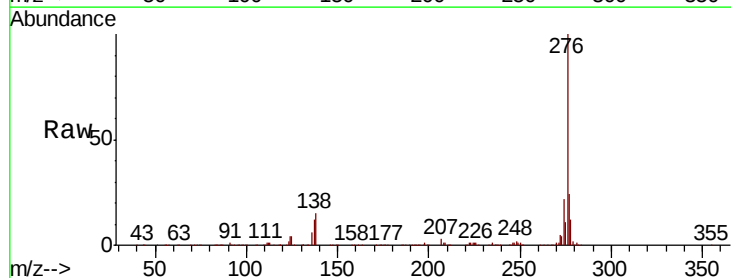
RT: 28.63 min Scan# 4347

Delta R.T. -0.02 min

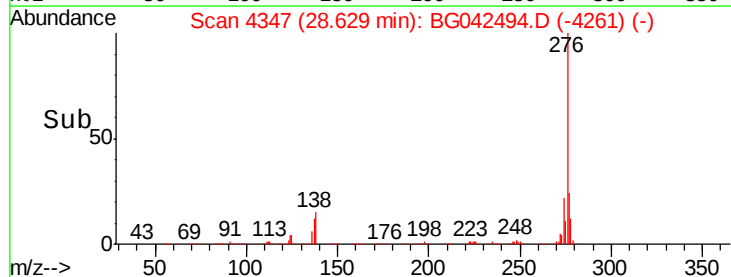
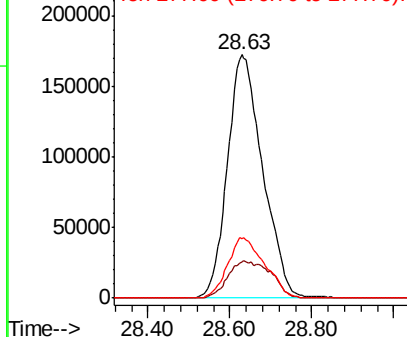
Lab File: BG042494.D

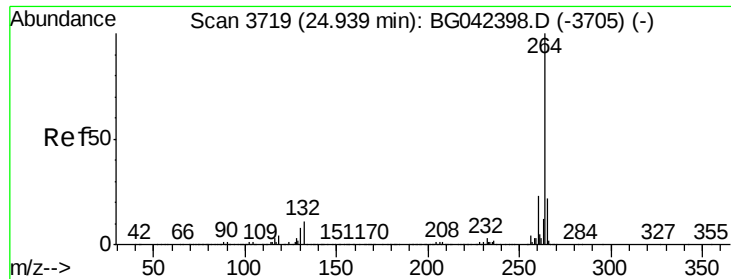
Acq: 26 Aug 2019 11:12

Tgt Ion:	276	Resp:	1030766
Ion Ratio	Lower	Upper	
276	100		
138	18.7	9.2	13.8#
277	26.1	21.0	31.6



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

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Instrument :

BNA_G

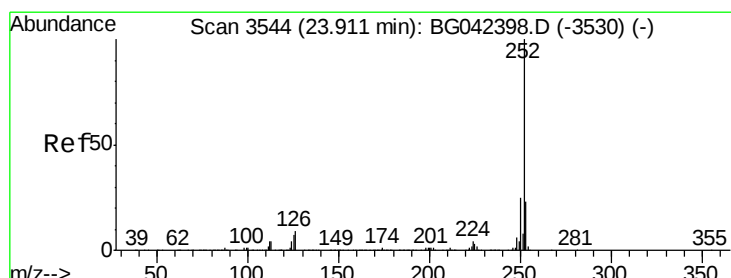
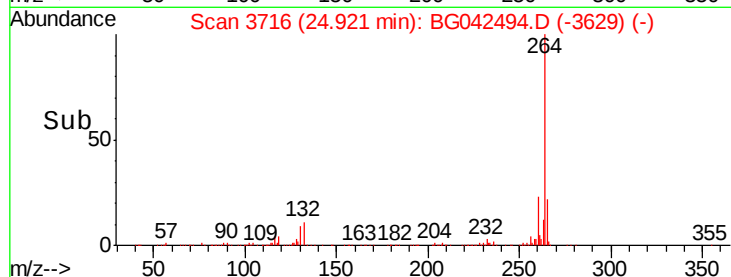
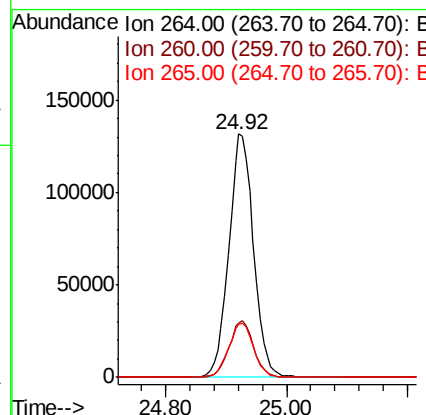
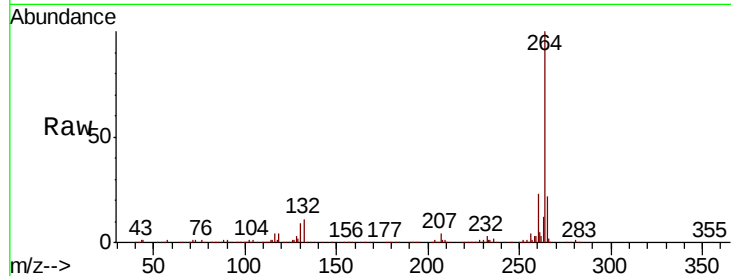
ClientSampleId :

PB122218BS

Tot Ion:	264	Resp:	373067
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.5	27.7
265	21.8	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.826 ng

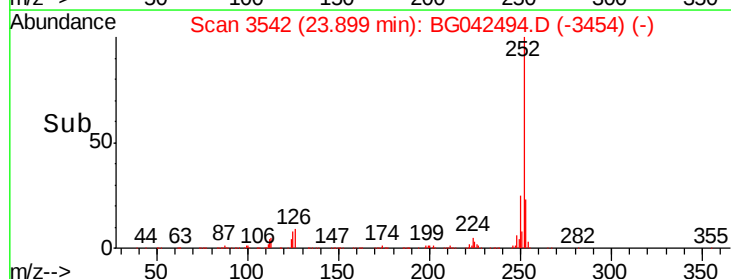
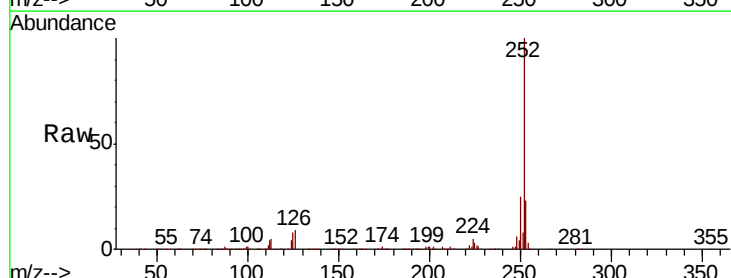
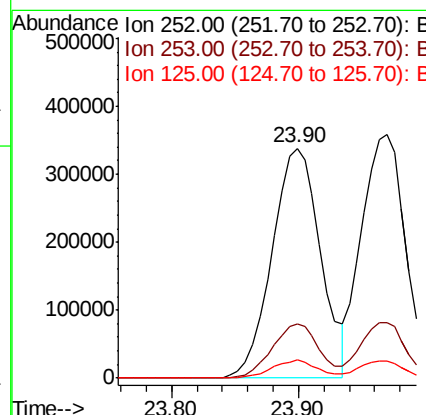
RT: 23.90 min Scan# 3542

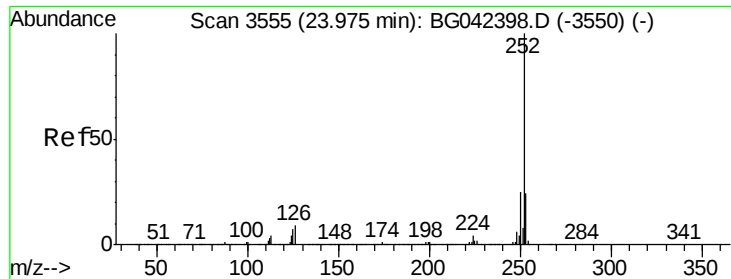
Delta R.T. -0.01 min

Lab File: BG042494.D

Acq: 26 Aug 2019 11:12

Tgt Ion:	252	Resp:	898863
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.6	27.8
125	7.7	5.6	8.4





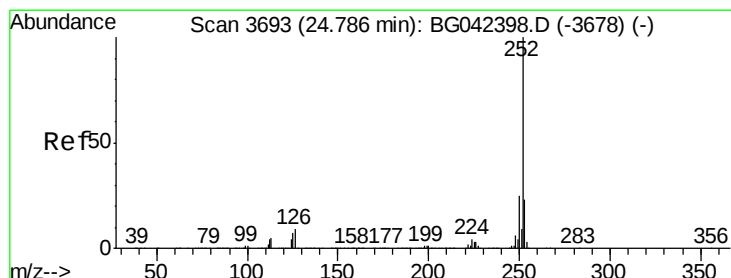
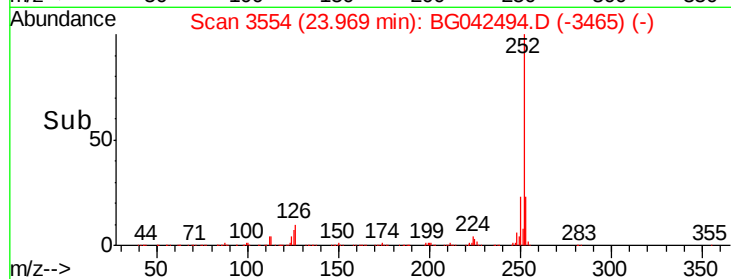
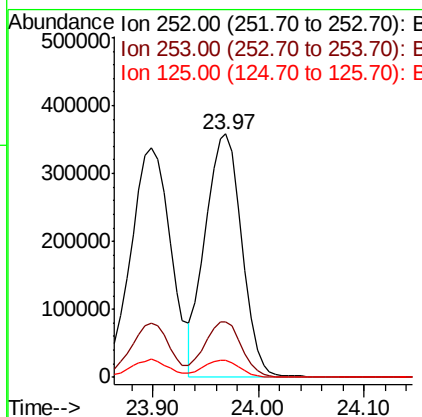
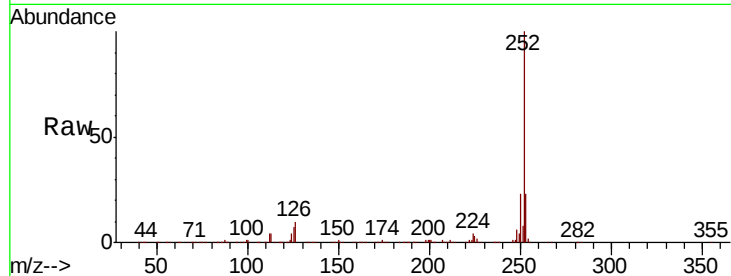
#89
Benzo(k)fluoranthene
Concen: 43.563 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampleId :
PB122218BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	7.0	5.8	8.6

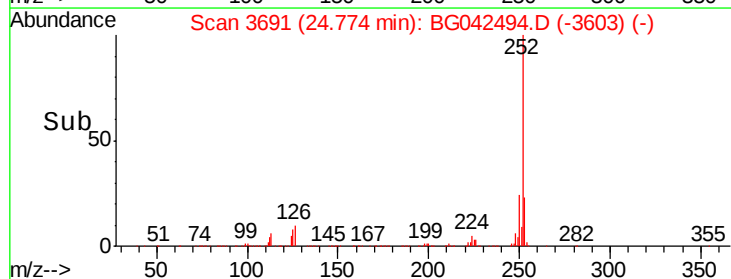
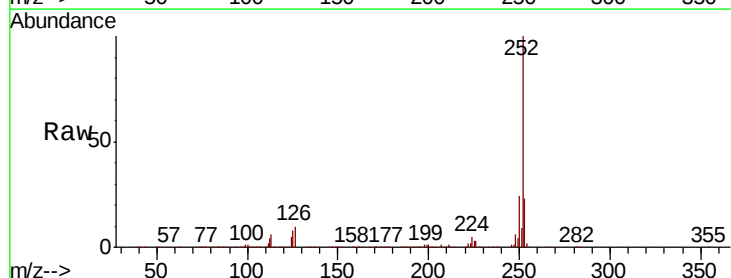
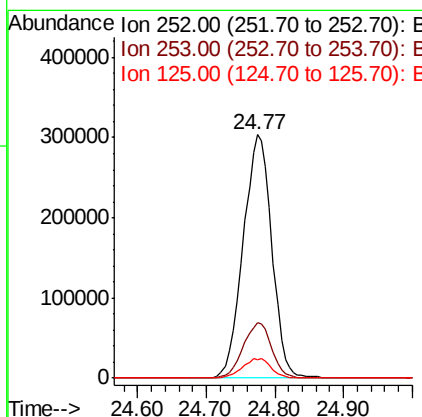
Manual Integrations
APPROVED

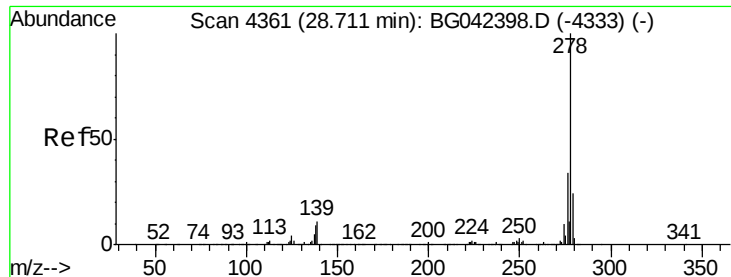
JAGRUT
8/27/2019 7:51:31 AM



#90
Benzo(a)pyrene
Concen: 45.265 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	7.6	6.0	9.0





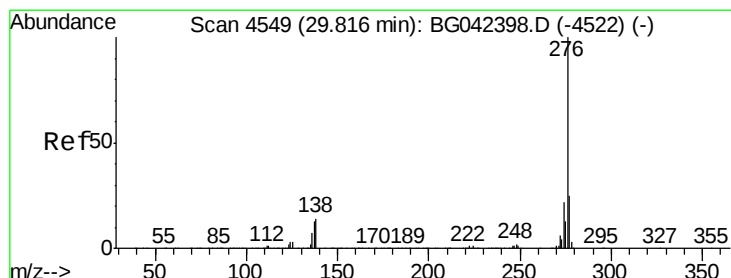
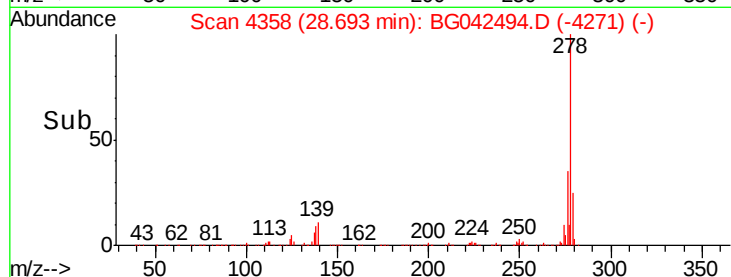
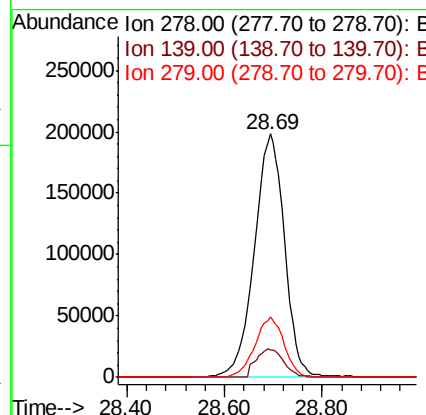
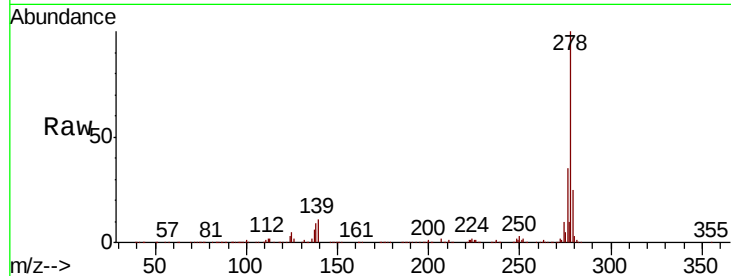
#91
Dibenzo(a,h)anthracene
Concen: 43.405 ng
RT: 28.69 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Instrument :
BNA_G
ClientSampled :
PB122218BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.8	13.2
279	24.7	19.1	28.7

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:51:31 AM



#92
Benzo(g,h,i)perylene
Concen: 43.773 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042494.D
Acq: 26 Aug 2019 11:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	16.0	11.4	17.0

