

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042526.D
 Acq On : 28 Aug 2019 9:23
 Operator : HP/JU
 Sample : PB122598BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Manual Integrations
 APPROVED

Jagrut
 8/29/2019 7:48:26 PM

Quant Time: Aug 28 15:19:42 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	36540	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146457	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	109073	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	253939	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277855	20.00	ng	0.00
87) Perylene-d12	24.92	264	327870	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	228901	126.87	ng	0.00
7) Phenol-d6	7.17	99	287301	117.89	ng	0.00
23) Nitrobenzene-d5	9.17	82	148246	69.95	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	174545	112.59	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	473764	73.46	ng	0.00
79) Terphenyl-d14	20.02	244	904333	70.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	32251	42.834	ng	98
3) Pyridine	3.82	79	69376	35.934	ng	99
4) n-Nitrosodimethylamine	3.74	42	30739	44.577	ng	93
6) Aniline	7.32	93	101129	31.112	ng	98
8) 2-Chlorophenol	7.57	128	102037	46.666	ng	99
9) Benzaldehyde	7.13	77	58863	48.245	ng	98
10) Phenol	7.19	94	112816	45.530	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	81486	41.873	ng	99
12) 1,3-Dichlorobenzene	7.89	146	115824	41.640	ng	99
13) 1,4-Dichlorobenzene	8.03	146	119178	42.299	ng	97
14) 1,2-Dichlorobenzene	8.36	146	111805	41.437	ng	99
15) Benzyl Alcohol	8.24	79	75148	42.860	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102345	38.803	ng	99
17) 2-Methylphenol	8.46	107	80974	44.368	ng	93
18) Hexachloroethane	9.09	117	39564	41.018	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	62607	39.653	ng	97
20) 3+4-Methylphenols	8.78	107	109947	43.536	ng	98
22) Acetophenone	8.83	105	136680	43.633	ng	# 99
24) Nitrobenzene	9.21	77	93957	43.779	ng	99
25) Isophorone	9.74	82	172619	41.270	ng	98
26) 2-Nitrophenol	9.93	139	59491	44.234	ng	99
27) 2,4-Dimethylphenol	9.99	122	93818	50.640	ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	108885	41.303	ng	98
29) 2,4-Dichlorophenol	10.47	162	112473	46.402	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	126021	42.357	ng	98
31) Naphthalene	10.87	128	292922	43.079	ng	98
32) Benzoic acid	10.14	122	45142	36.029	ng	97
33) 4-Chloroaniline	10.98	127	86353	27.511	ng	99
34) Hexachlorobutadiene	11.16	225	83702	41.861	ng	99
35) Caprolactam	11.75	113	32241	39.863	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	104249	45.306	ng	97
37) 2-Methylnaphthalene	12.48	142	234825	43.010	ng	99
38) 1-Methylnaphthalene	12.70	142	221155	42.644	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	154870	44.214	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190258	103.405	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	102148	43.144	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	111828	45.579	ng	99
46) 1,1'-Biphenyl	13.49	154	312542	44.329	ng	100
47) 2-Chloronaphthalene	13.53	162	254561	41.872	ng	99
48) 2-Nitroaniline	13.74	65	57944	39.525	ng	98
49) Acenaphthylene	14.38	152	403167	44.080	ng	99
50) Dimethylphthalate	14.11	163	327578	41.624	ng	100
51) 2,6-Dinitrotoluene	14.23	165	78116	42.822	ng	96
52) Acenaphthene	14.72	154	233202	41.990	ng	98
53) 3-Nitroaniline	14.56	138	48733	26.712	ng	98
54) 2,4-Dinitrophenol	14.78	184	91065	74.521	ng	98
55) Dibenzofuran	15.06	168	404383	43.988	ng	99
56) 4-Nitrophenol	14.88	139	111296	85.853	ng	96
57) 2,4-Dinitrotoluene	15.02	165	108624	41.583	ng	96
58) Fluorene	15.71	166	324051	43.121	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	111365m	45.898	ng	
60) Diethylphthalate	15.47	149	319444	41.522	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	192041	42.393	ng	97
62) 4-Nitroaniline	15.73	138	78150	40.025	ng	97
63) Azobenzene	15.99	77	219364	41.612	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	71944	45.188	ng	98
66) n-Nitrosodiphenylamine	15.91	169	302806	43.360	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	133351	41.400	ng	98
68) Hexachlorobenzene	16.72	284	139487	39.836	ng	99
69) Atrazine	16.86	200	112173	45.422	ng	98
70) Pentachlorophenol	17.07	266	163616	89.932	ng	99
71) Phenanthrene	17.46	178	546225	43.304	ng	99
72) Anthracene	17.54	178	565114	44.878	ng	99
73) Carbazole	17.81	167	489509	43.618	ng	99
74) Di-n-butylphthalate	18.37	149	569332	42.916	ng	99
75) Fluoranthene	19.47	202	721534	46.871	ng	97
77) Benzidine	19.64	184	362332	45.484	ng	99
78) Pyrene	19.83	202	733075	43.033	ng	98
80) Butylbenzylphthalate	20.71	149	275122	41.061	ng	99
81) Benzo(a)anthracene	21.67	228	727043	43.014	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	197302	29.024	ng	98
83) Chrysene	21.73	228	709080	43.499	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	393183	42.264	ng	99
85) Di-n-octyl phthalate	22.79	149	673332	42.082	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	920610	41.558	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	779558	43.249	ng	99
89) Benzo(k)fluoranthene	23.97	252	781790	45.123	ng	100
90) Benzo(a)pyrene	24.78	252	786792	46.000	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	756819	43.701	ng	97
92) Benzo(g,h,i)perylene	29.79	276	769324	44.416	ng	98

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

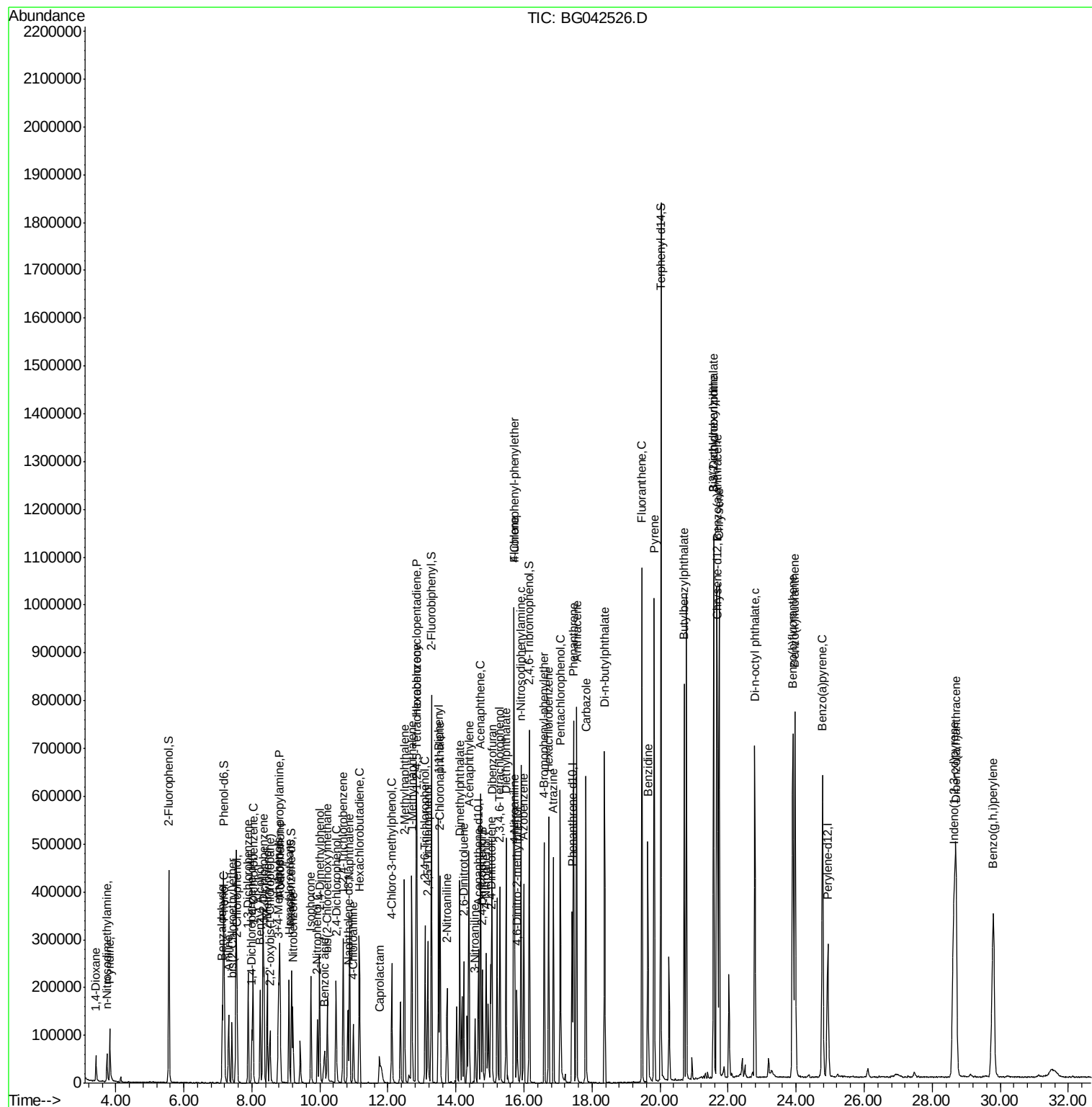
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042526.D
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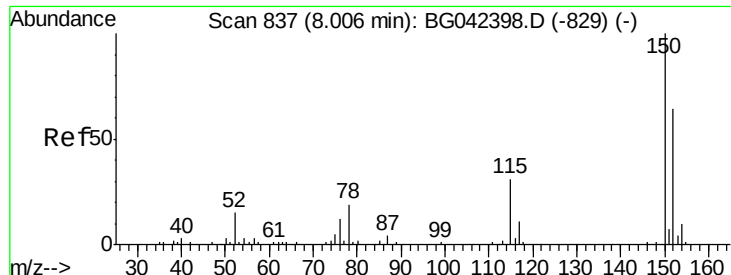
Instrument :
BNA_G
ClientSampleId :
PB122598BS

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#1

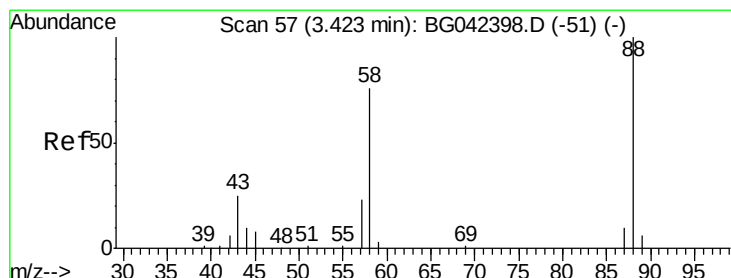
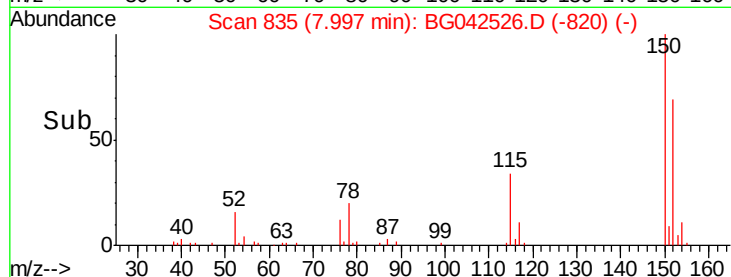
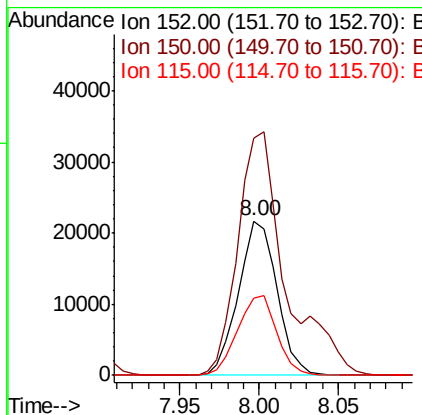
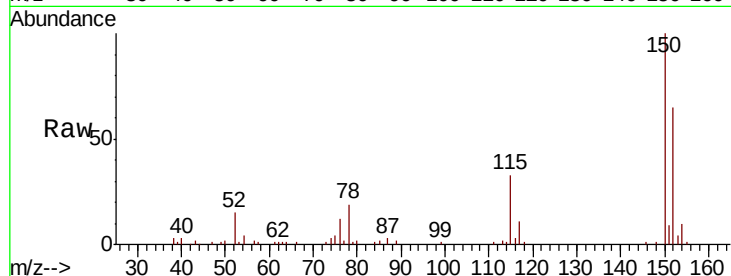
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.4	188.0
115	50.4	38.5	57.7

Manual Integrations
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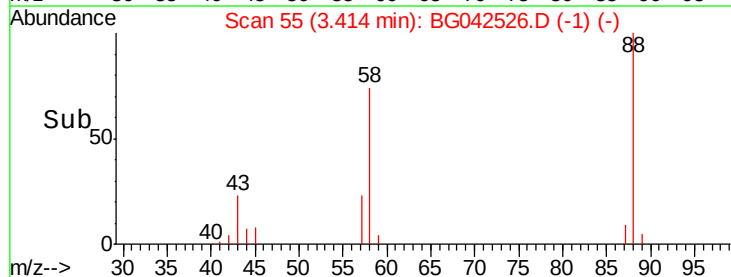
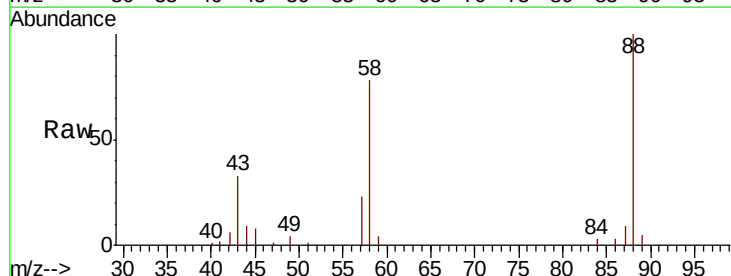
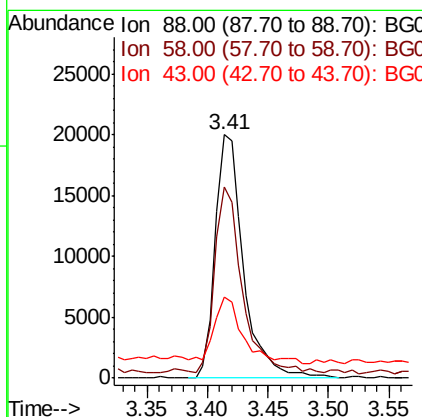
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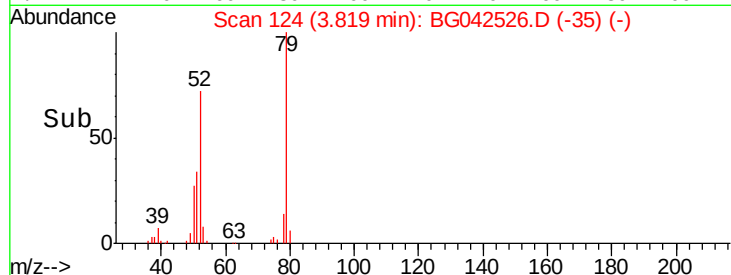
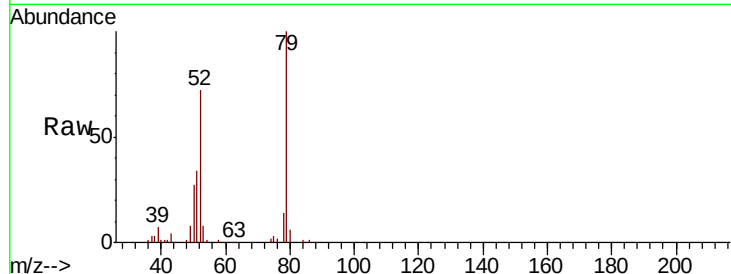
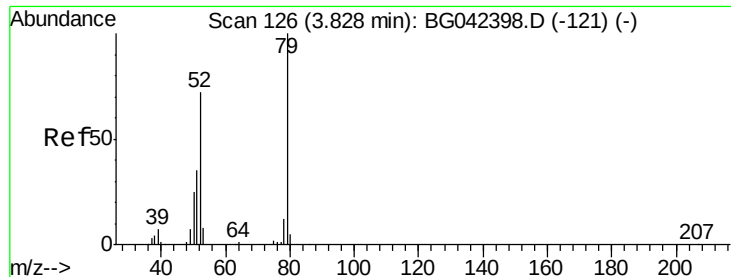


#2

1,4-Dioxane
Concen: 42.834 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	58.3	87.5
43	23.3	20.2	30.2





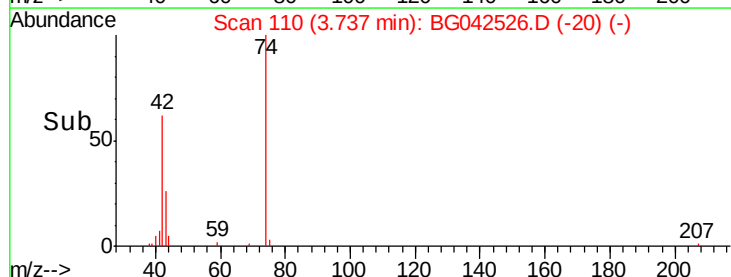
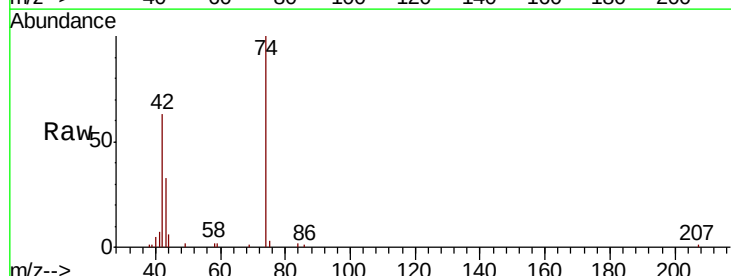
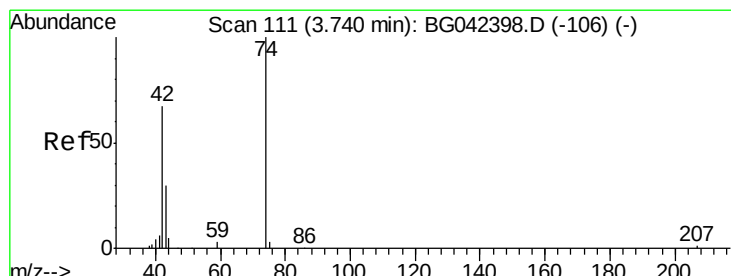
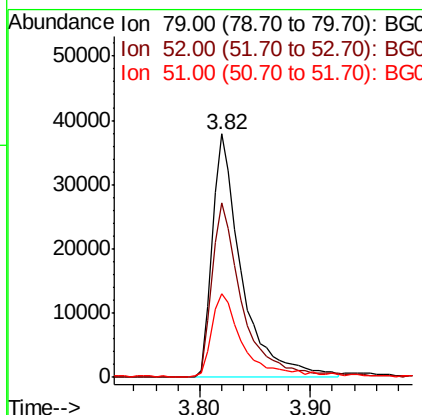
#3
 Pvridine
 Concen: 35.934 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tot Ion	Ratio	Resp	Lower	Upper
79	100	69376		
52	71.6		57.7	86.5
51	34.3		28.8	43.2

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

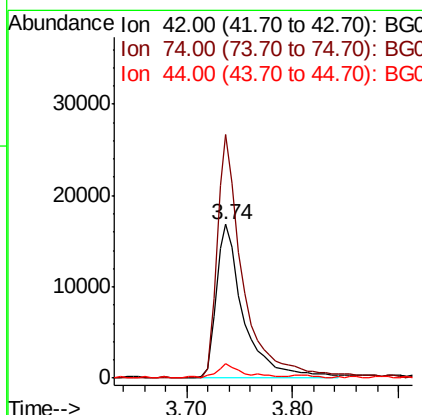
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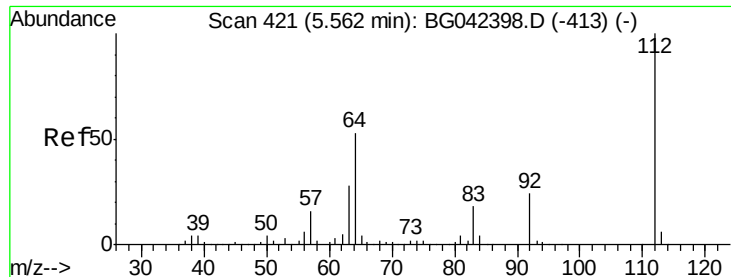
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#4
 n-Nitrosodimethylamine
 Concen: 44.577 ng
 RT: 3.74 min Scan# 110
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	30739		
74	158.1		119.6	179.4
44	9.1		6.5	9.7





#5

2-Fluorophenol

Concen: 126.872 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

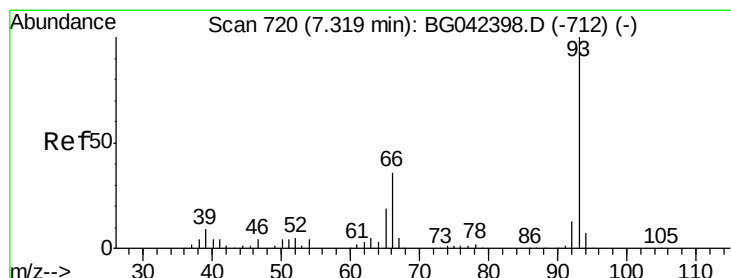
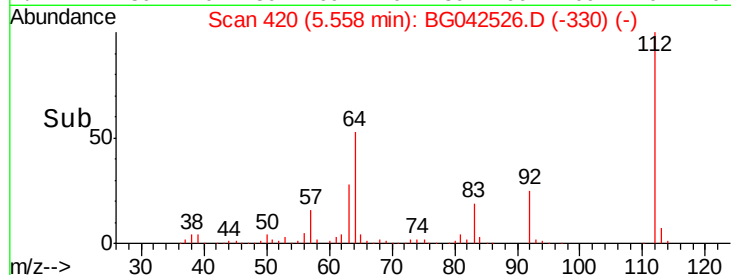
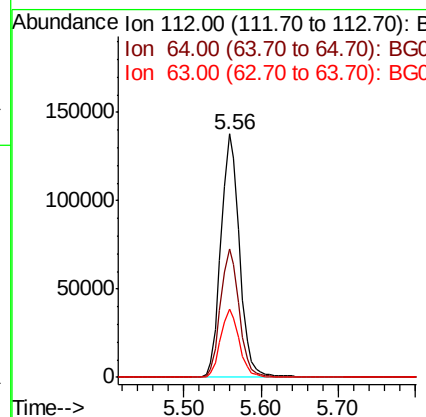
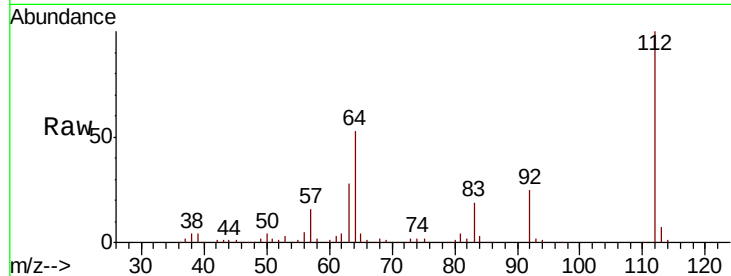
ClientSampled :

PB122598BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.6	42.8	64.2
63	27.9	22.7	34.1

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#6

Aniline

Concen: 31.112 ng

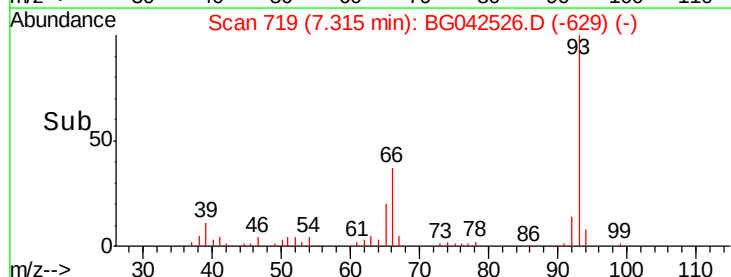
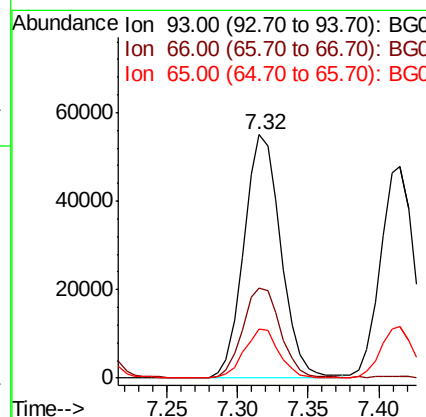
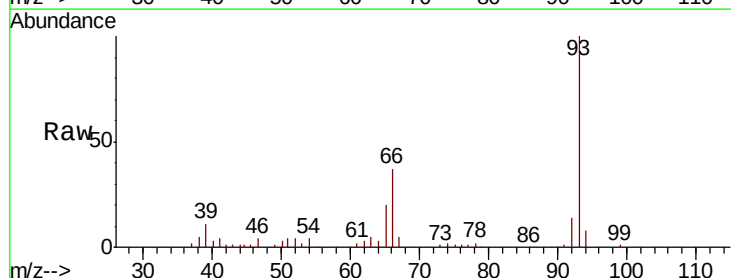
RT: 7.32 min Scan# 719

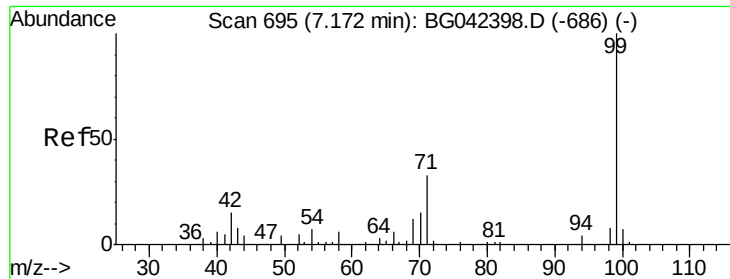
Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.0	29.0	43.6
65	20.0	15.2	22.8





#7

Phenol-d6

Concen: 117.889 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

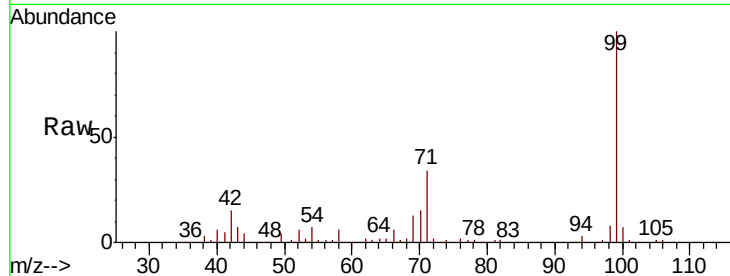
ClientSampleId :

PB122598BS

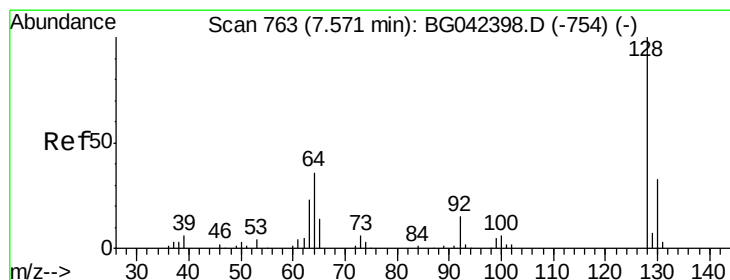
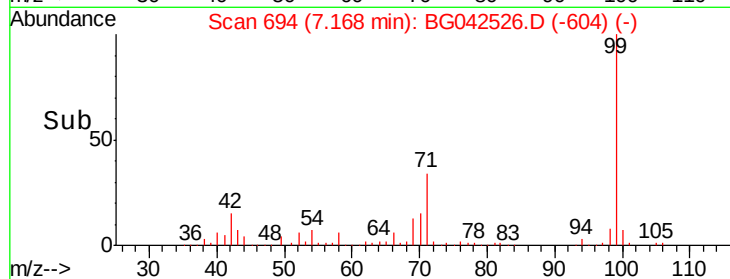
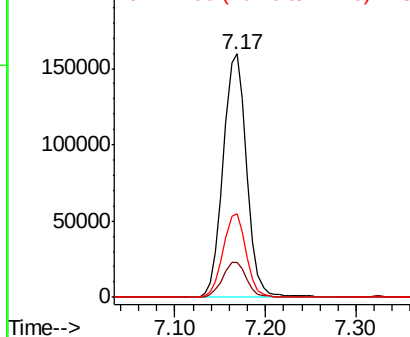
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		287301		
42	14.6	12.0	18.0		
71	34.2	26.3	39.5		

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



#8

2-Chlorophenol

Concen: 46.666 ng

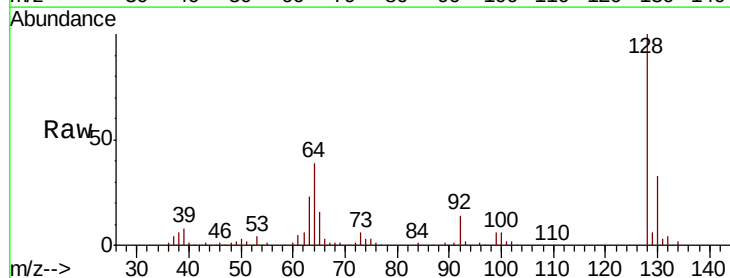
RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

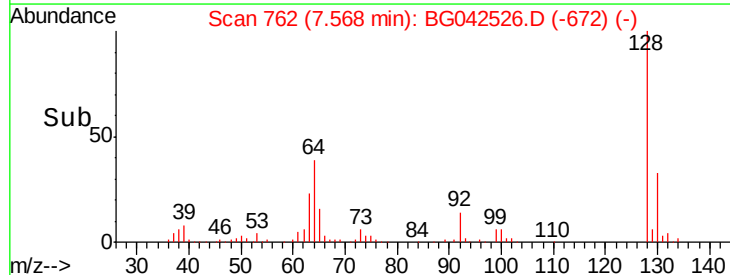
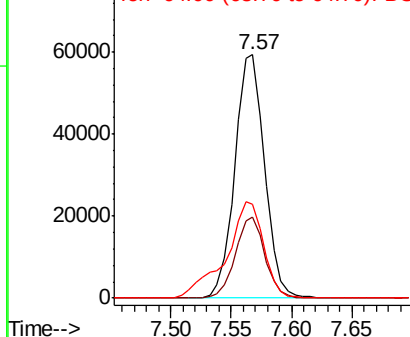
Lab File: BG042526.D

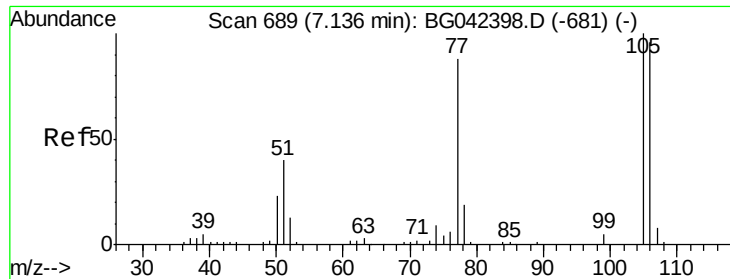
Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		102037		
130	33.4	12.8	52.8		
64	38.5	19.2	59.2		



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





#9

Benzaldehyde

Concen: 48.245 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

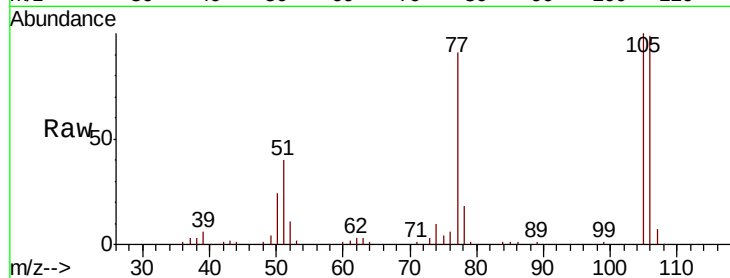
ClientSampleId :

PB122598BS

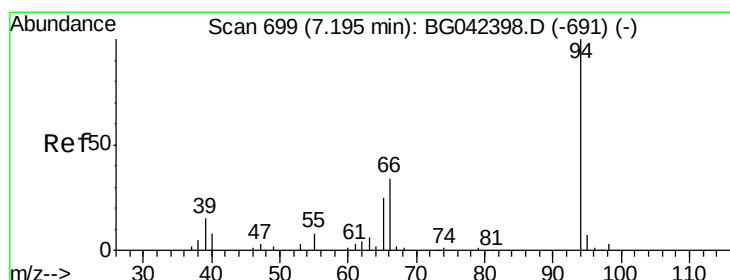
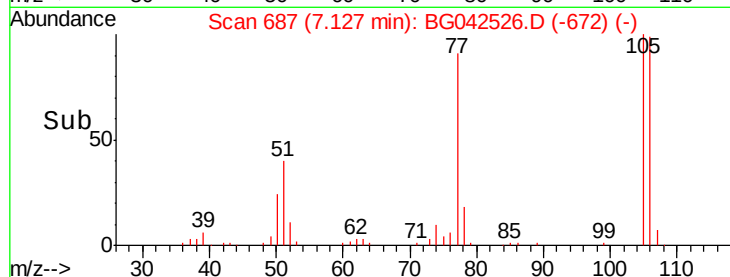
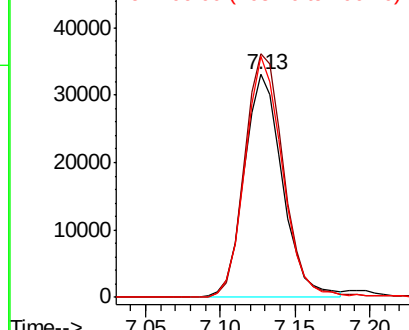
Tot Ion:	77	Resp:	58863
Ion	Ratio	Lower	Upper
77	100		
105	109.4	93.4	133.4
106	108.4	88.4	128.4

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.530 ng

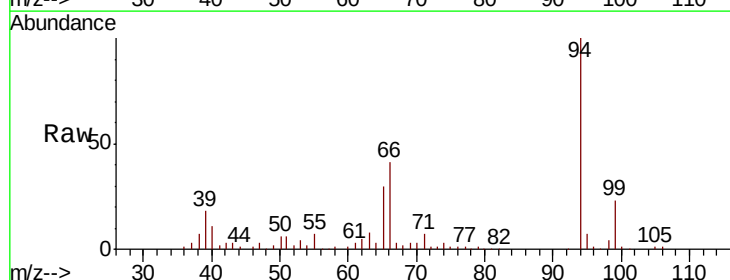
RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

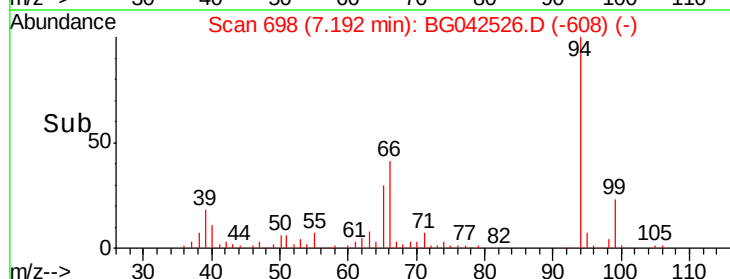
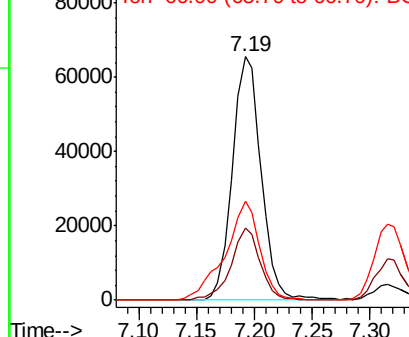
Lab File: BG042526.D

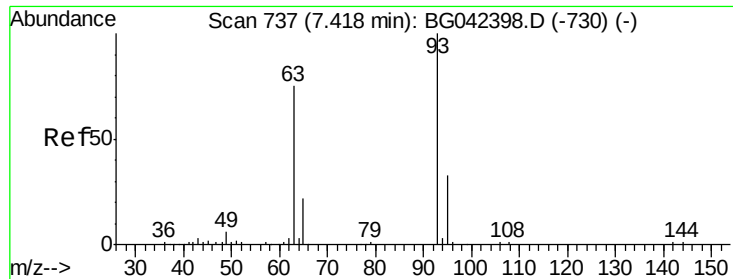
Acq: 28 Aug 2019 9:23

Tgt Ion:	94	Resp:	112816
Ion	Ratio	Lower	Upper
94	100		
65	29.9	5.6	45.6
66	40.9	16.0	56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.873 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

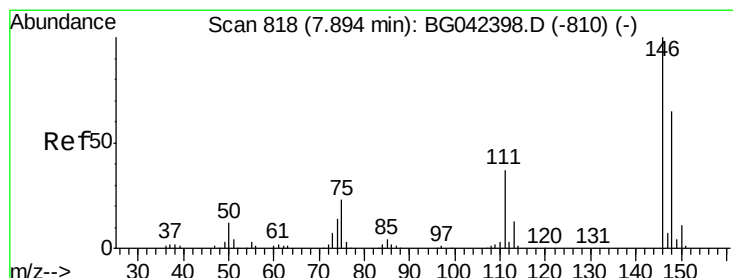
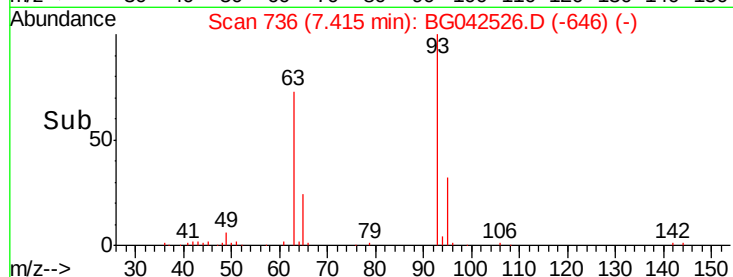
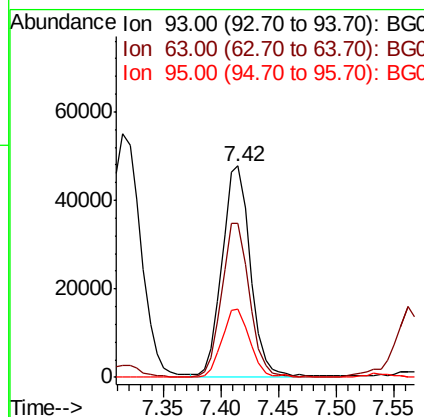
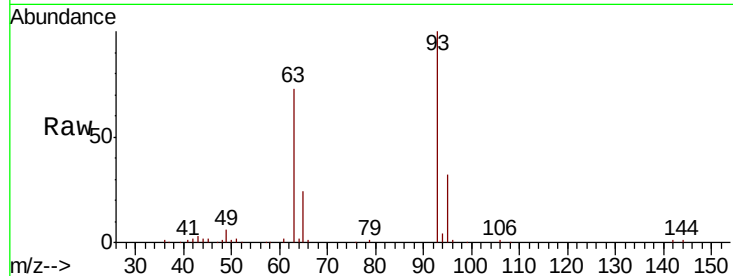
ClientSampleId :

PB122598BS

Tot Ion:	93	Resp:	81486
Ion Ratio	Lower	Upper	
93	100		
63	72.8	53.8	93.8
95	32.0	13.1	53.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.640 ng

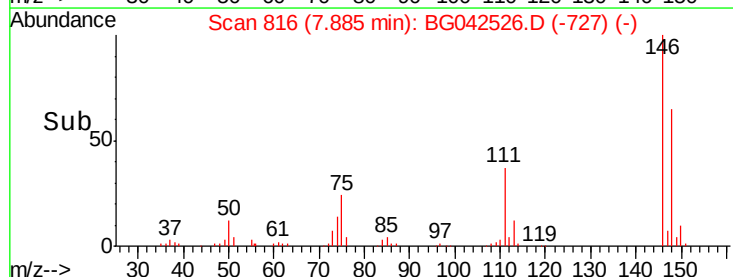
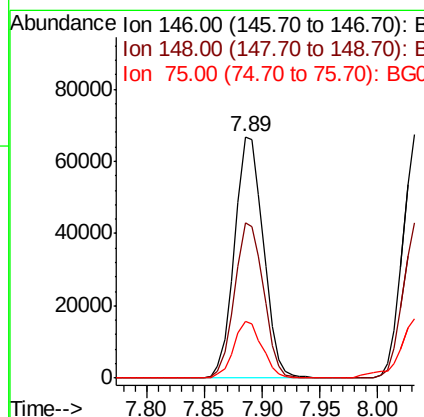
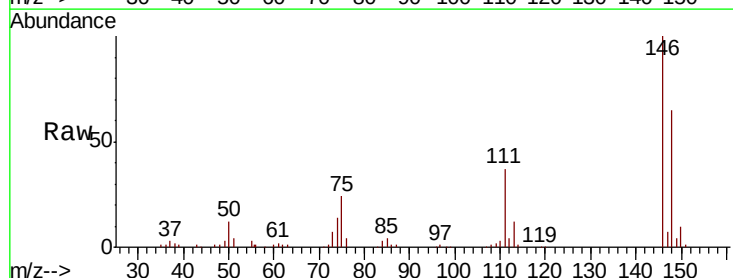
RT: 7.89 min Scan# 816

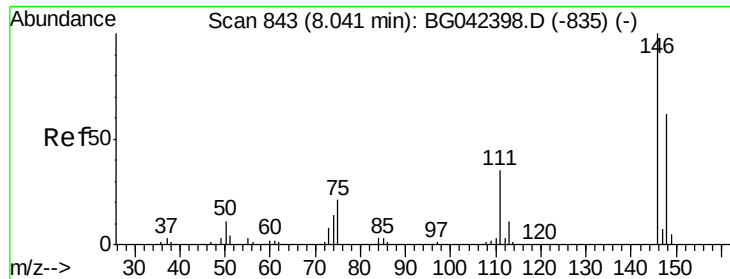
Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:	146	Resp:	115824
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
75	23.8	18.0	27.0





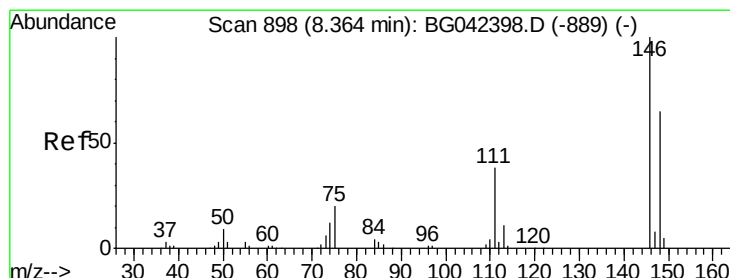
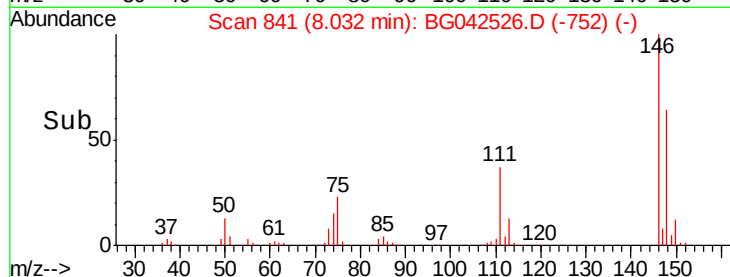
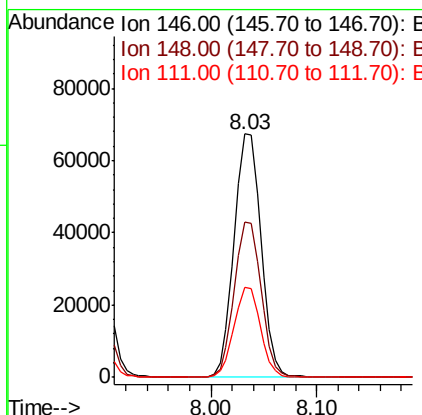
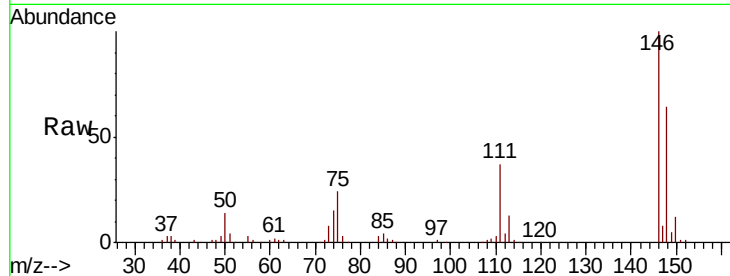
#13
 1,4-Dichlorobenzene
 Concen: 42.299 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.5	74.3
111	36.8	28.1	42.1

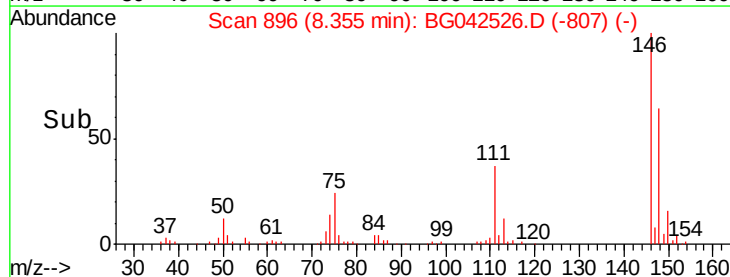
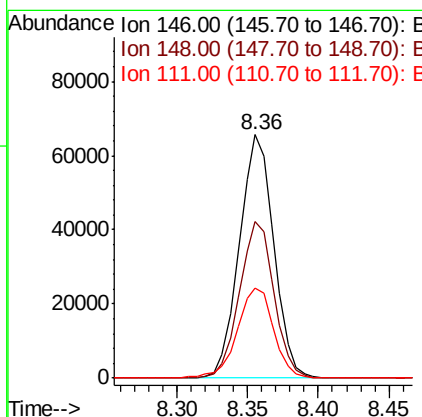
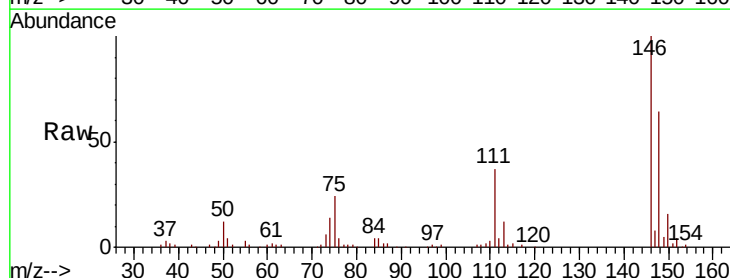
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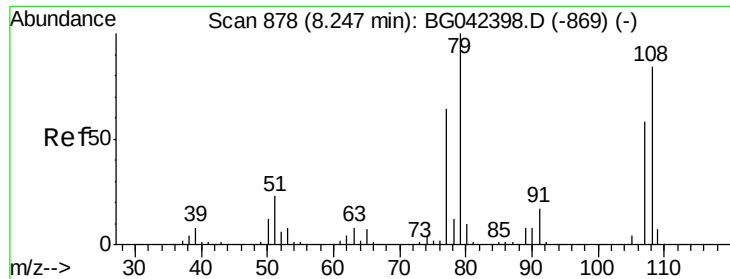
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#14
 1,2-Dichlorobenzene
 Concen: 41.437 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	37.2	30.9	46.3





#15

Benzyl Alcohol

Concen: 42.860 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

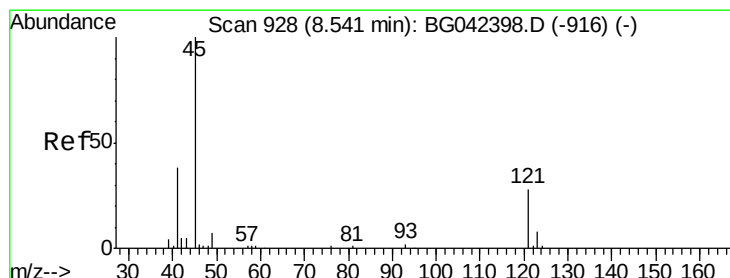
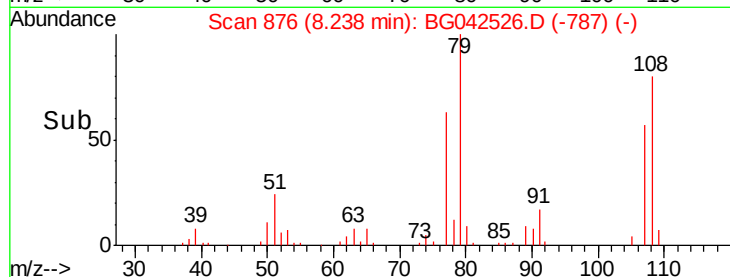
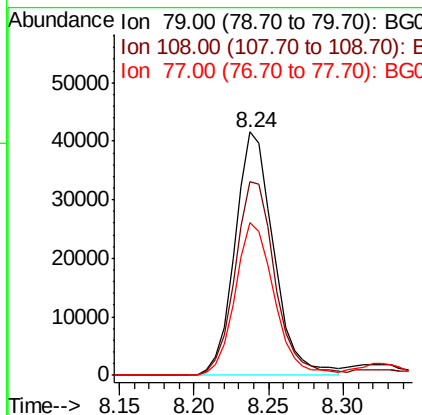
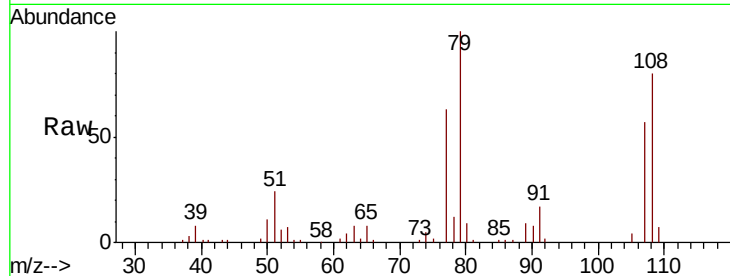
ClientSampled :

PB122598BS

Tot Ion:	79	Resp:	75148
Ion Ratio	Lower	Upper	
79	100		
108	79.6	67.4	101.2
77	62.8	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.803 ng

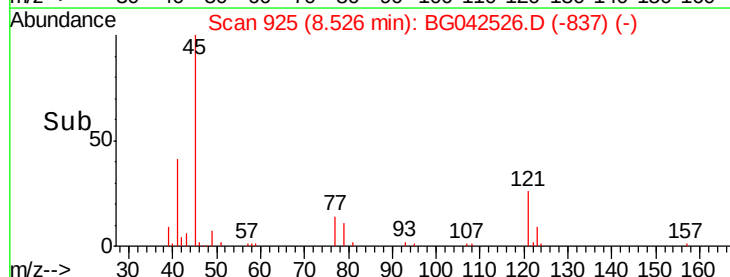
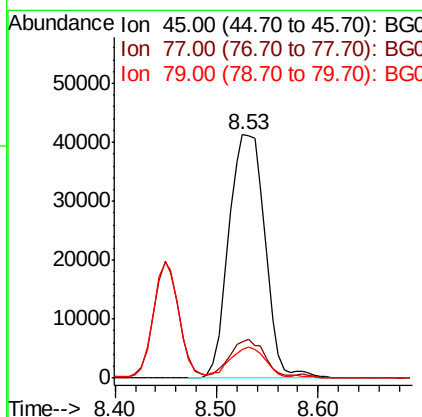
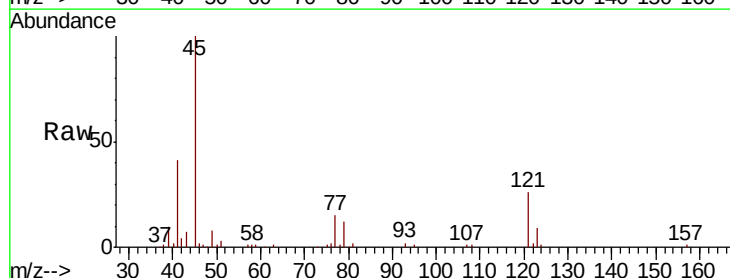
RT: 8.53 min Scan# 925

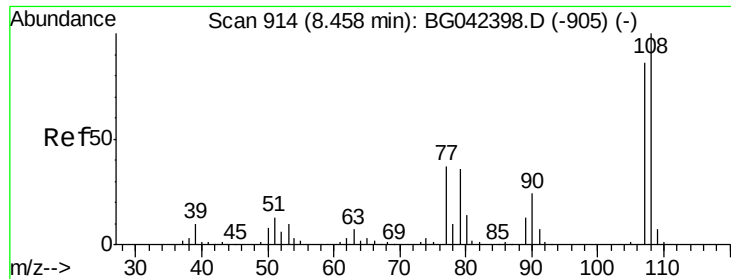
Delta R.T. -0.02 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:	45	Resp:	102345
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.6
79	11.8	0.0	31.6





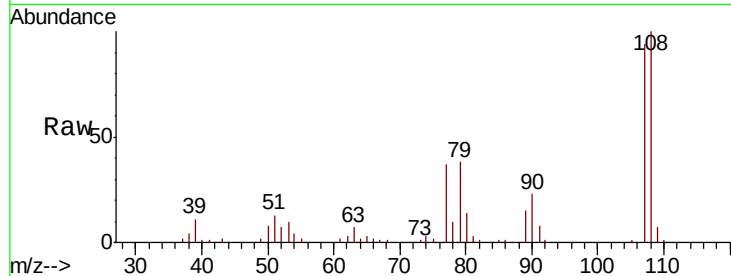
#17
2-Methylphenol
Concen: 44.368 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	92.9	139.3	
77	39.2	34.4	51.6	
79	40.1	33.8	50.6	

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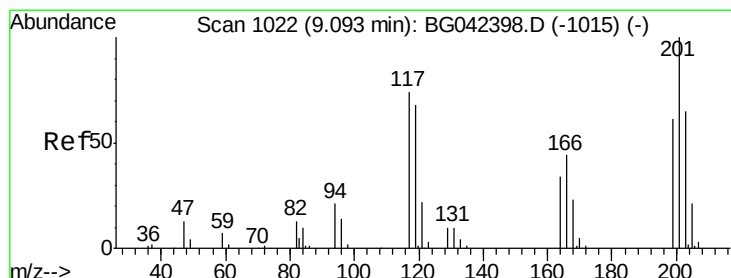
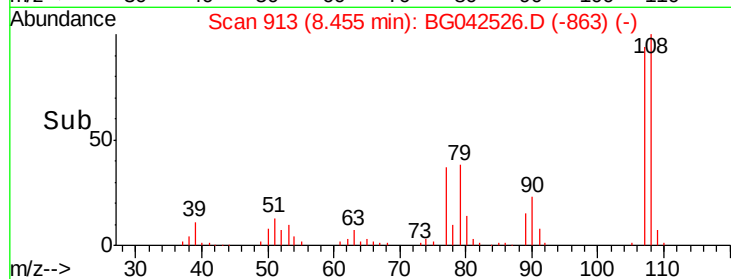
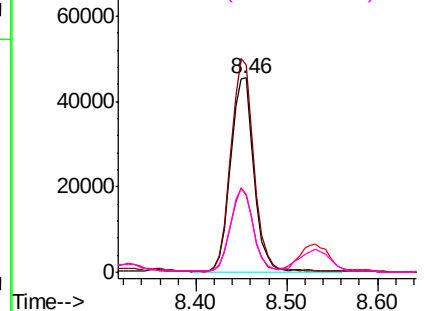
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

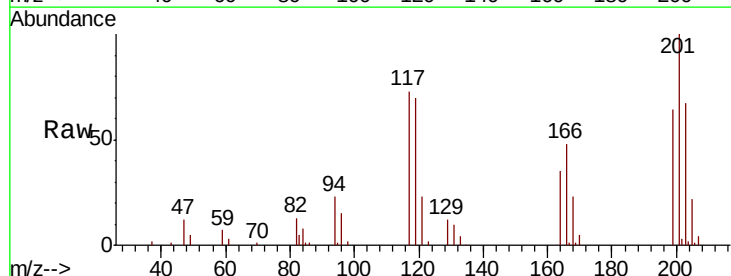
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.018 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	73.8	110.8	
201	137.2	108.3	162.5	

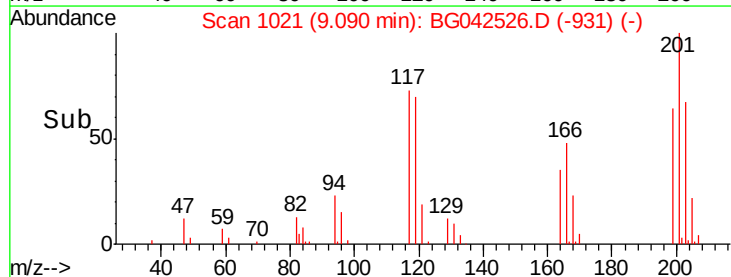
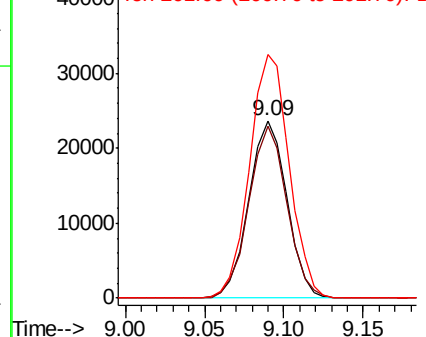


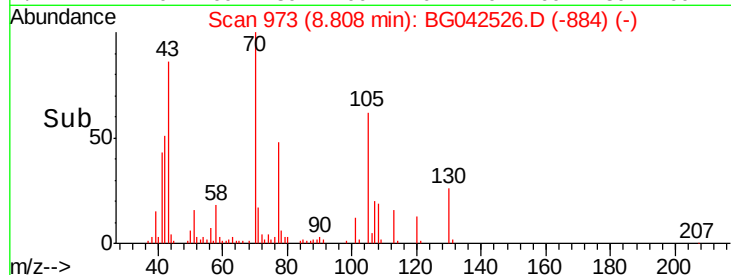
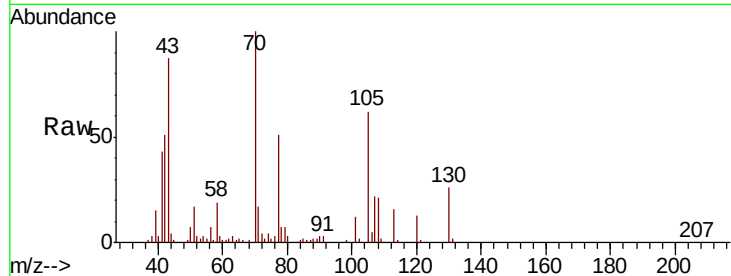
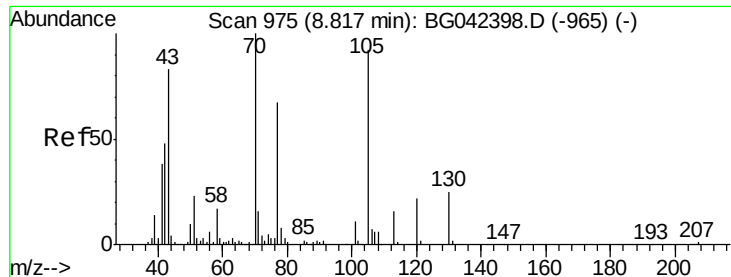
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





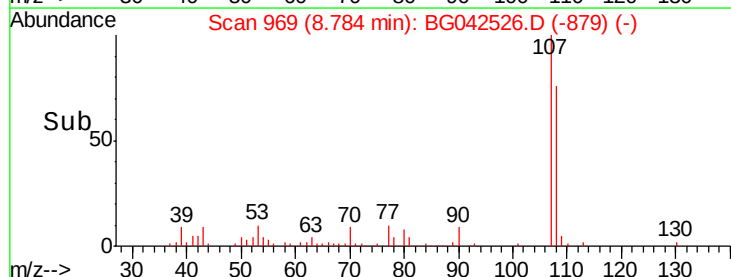
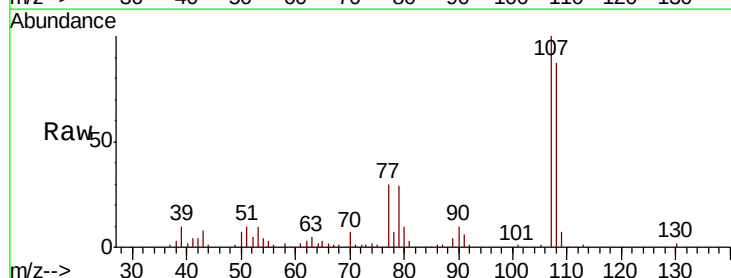
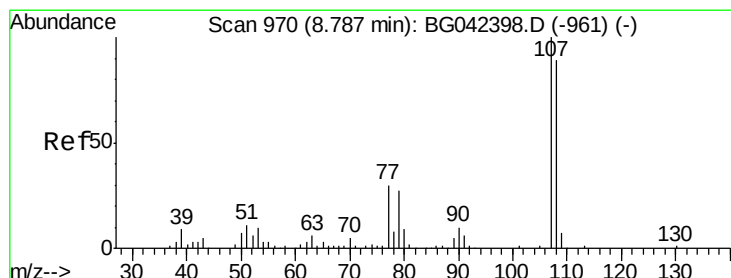
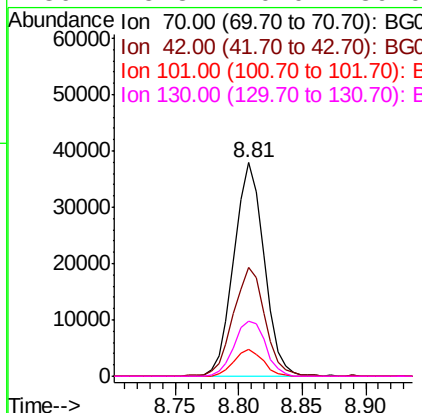
#19
n-Nitroso-di-n-propylamine
Concen: 39.653 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

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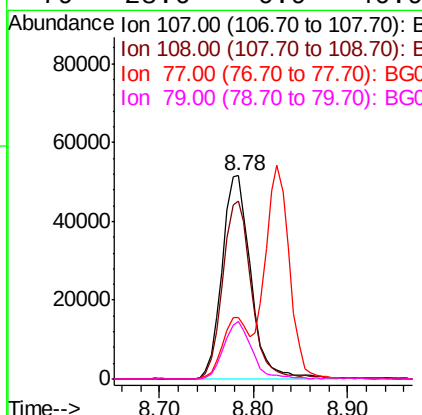
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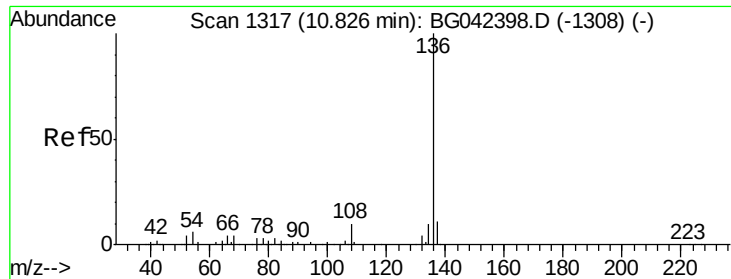
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		62607		
42	51.1	38.8	58.2		
101	12.3	9.0	13.6		
130	25.8	20.0	30.0		



#20
3+4-Methylphenols
Concen: 43.536 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		109947		
108	87.3	68.7	108.7		
77	30.4	10.2	50.2		
79	28.6	6.9	46.9		





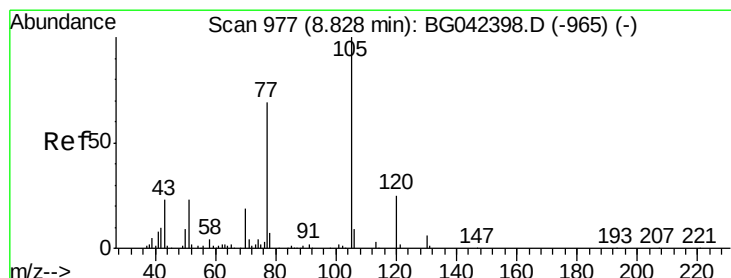
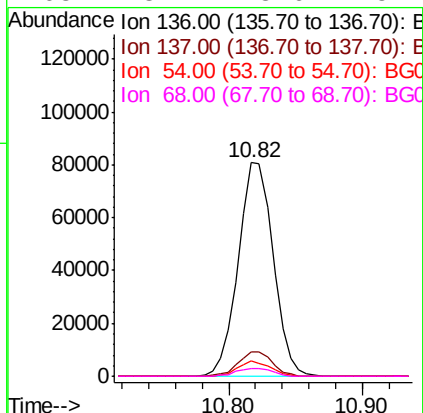
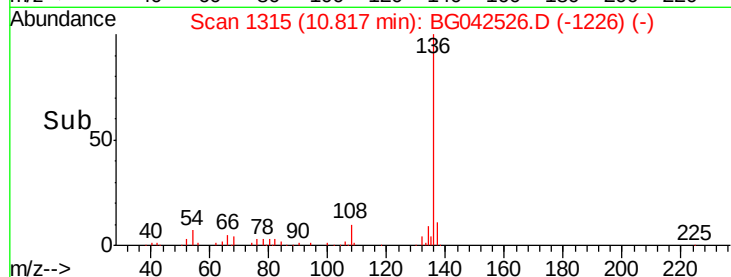
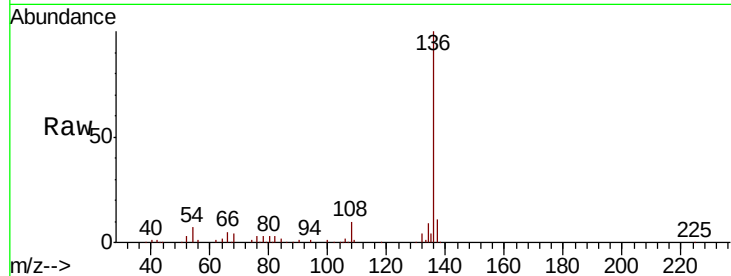
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	146457		
137	11.4	8.7	13.1	
54	6.9	4.9	7.3	
68	3.7	3.6	5.4	

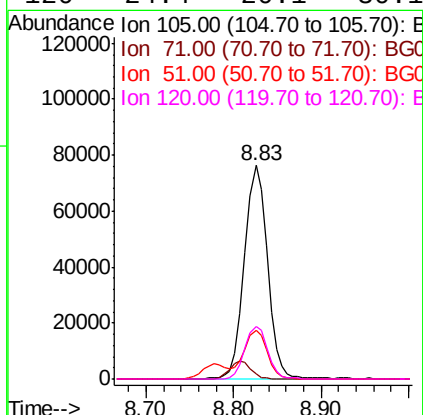
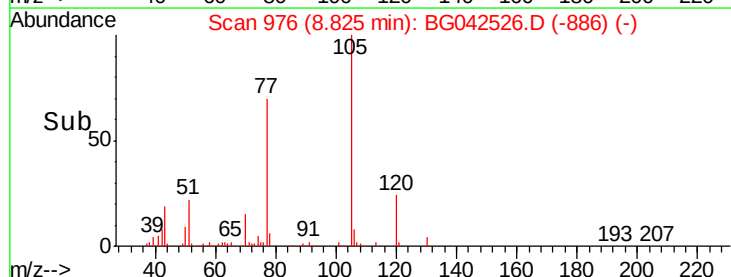
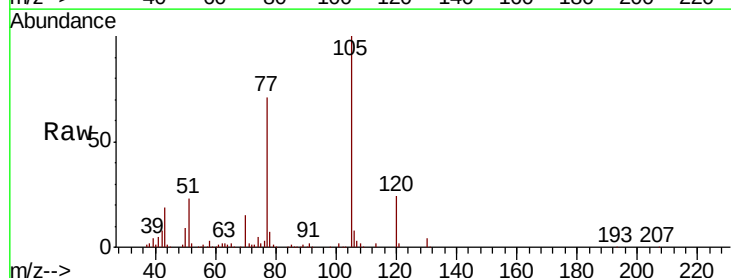
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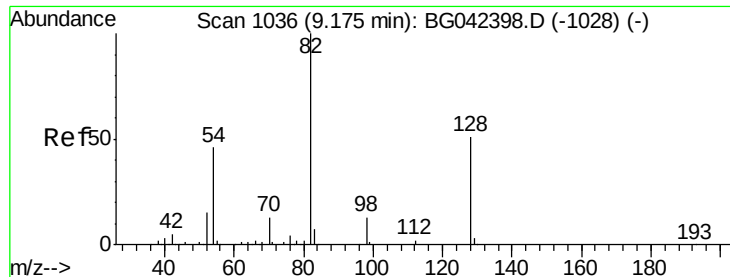
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#22
Acetophenone
Concen: 43.633 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136680		
71	2.5	2.8	4.2#	
51	23.0	18.7	28.1	
120	24.4	20.1	30.1	





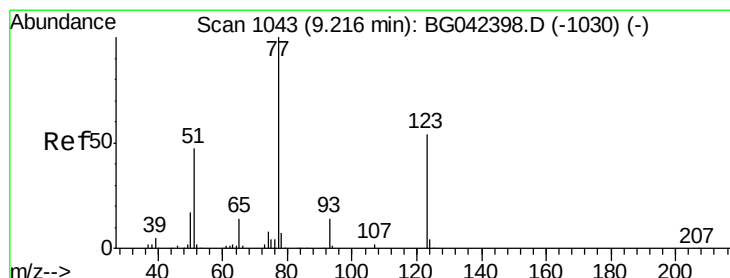
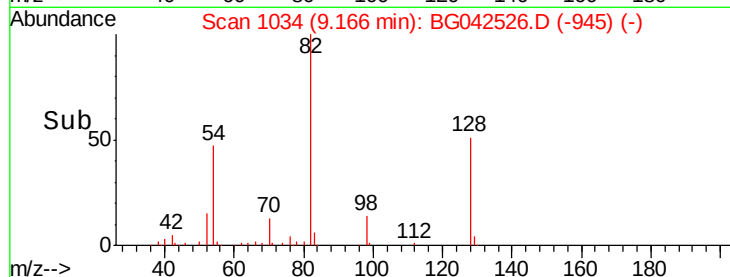
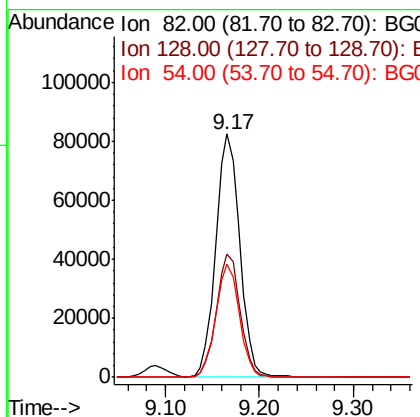
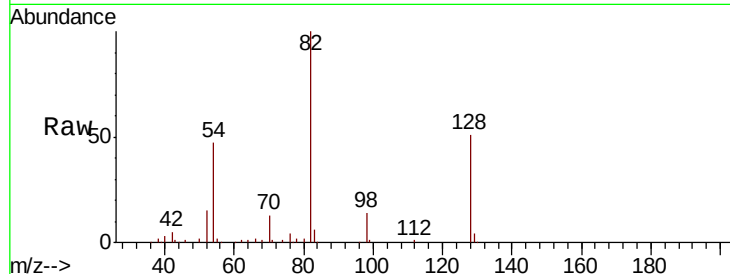
#23
 Nitrobenzene-d5
 Concen: 69.948 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	46.7	36.3	54.5

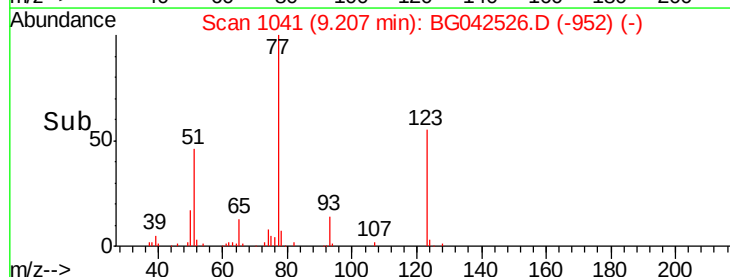
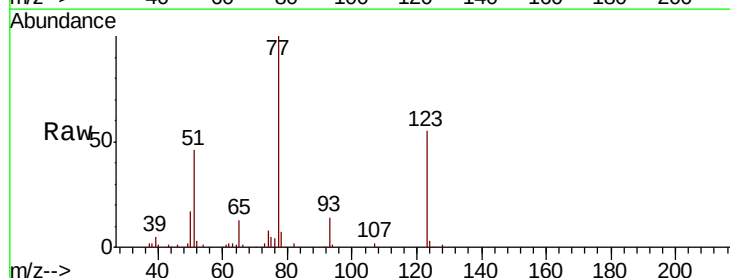
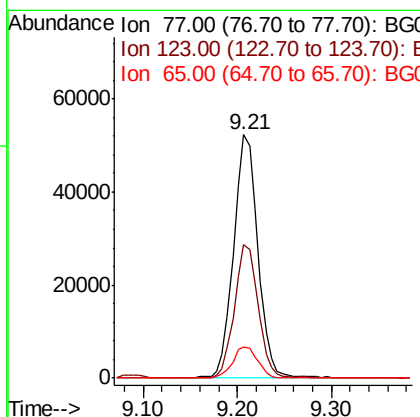
Manual Integrations
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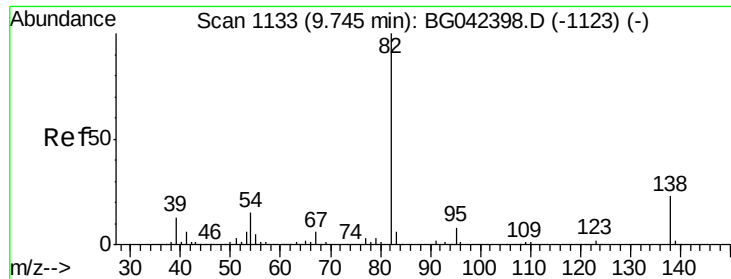
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#24
 Nitrobenzene
 Concen: 43.779 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.7	43.4	65.0
65	12.8	11.0	16.6





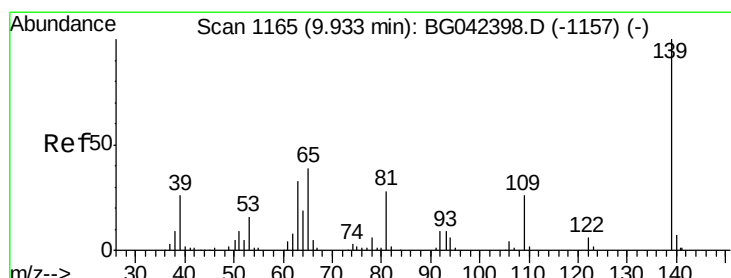
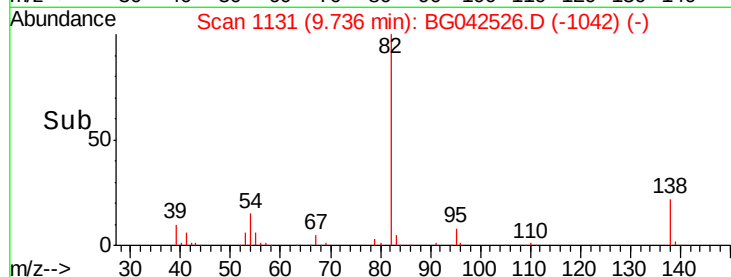
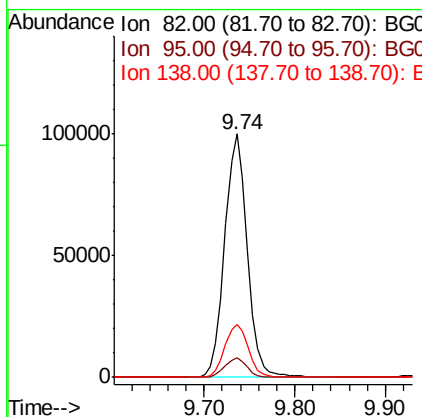
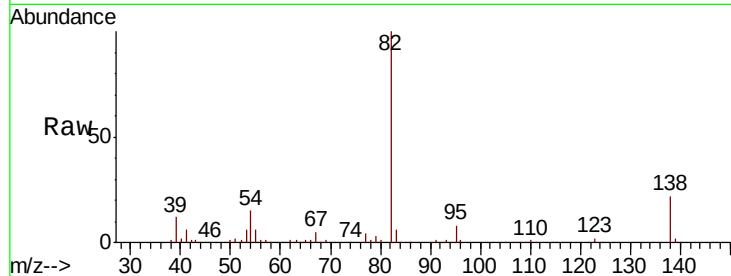
#25
Isophorone
Concen: 41.270 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampled :
PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	172619		
95	8.1	6.6	9.8	
138	21.9	18.6	27.8	

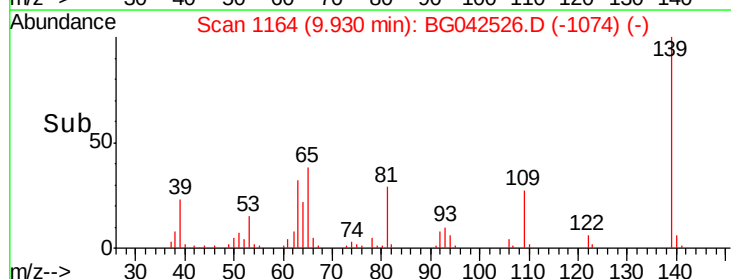
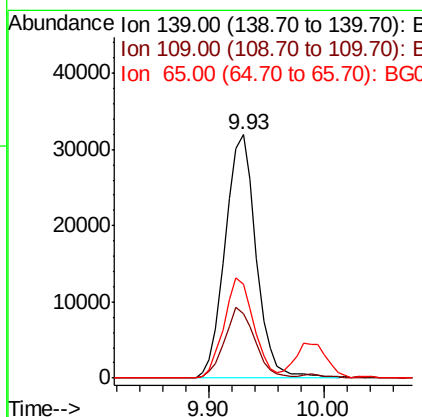
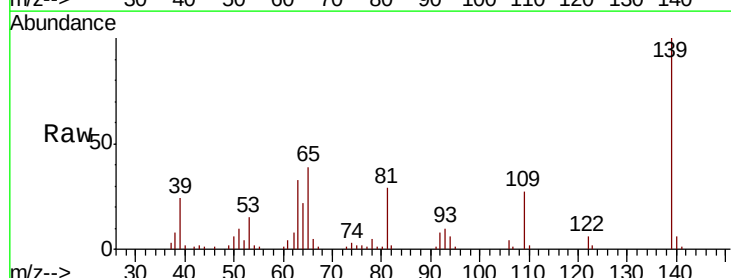
Manual Integrations
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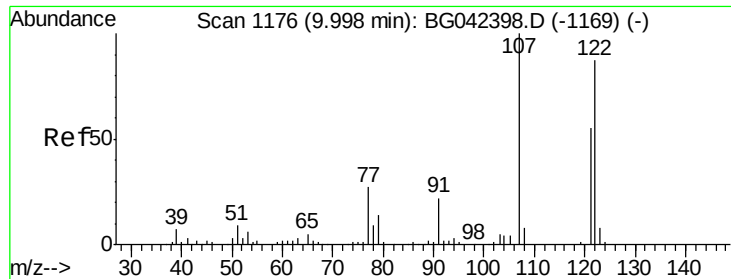
Jagrut
8/29/2019 7:48:26 PM



#26
2-Nitrophenol
Concen: 44.234 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	59491		
109	26.5	20.5	30.7	
65	38.7	30.9	46.3	





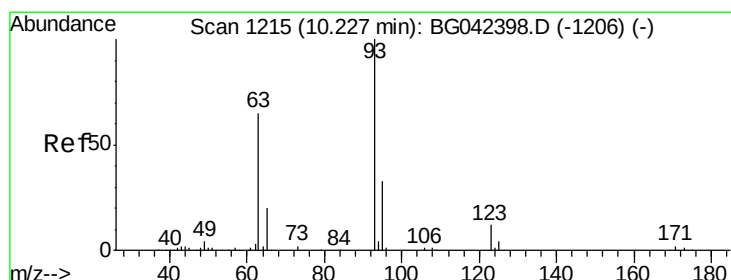
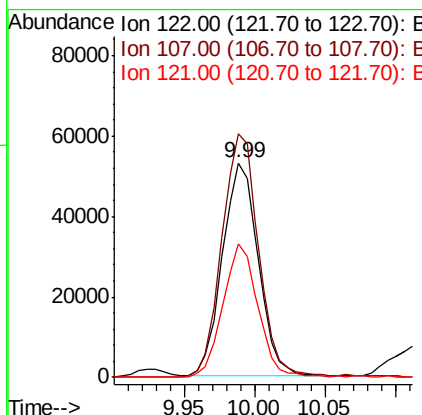
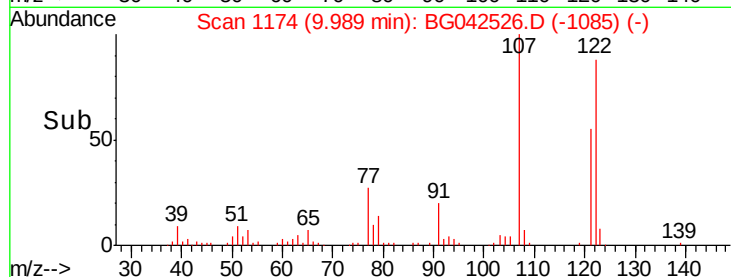
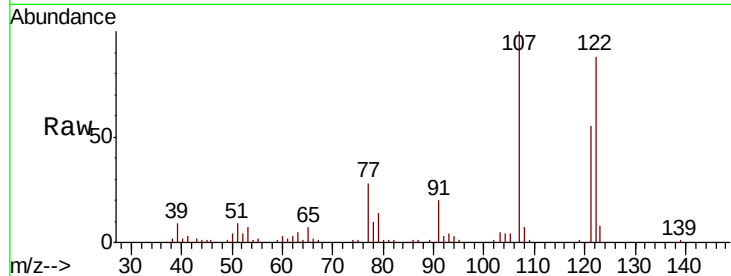
#27
 2,4-Dimethylphenol
 Concen: 50.640 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		93818		
107	113.5	90.8		136.2	
121	62.0	49.6		74.4	

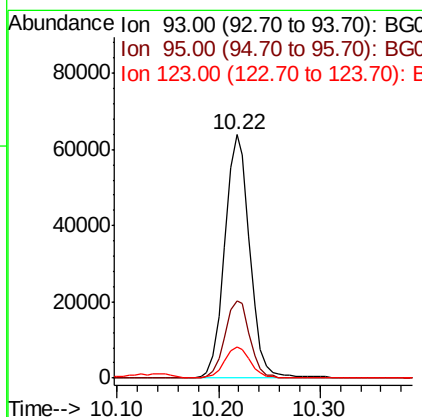
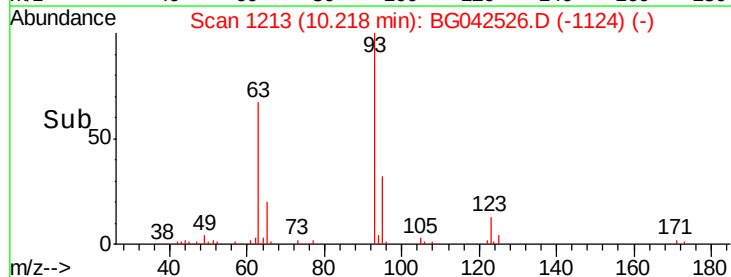
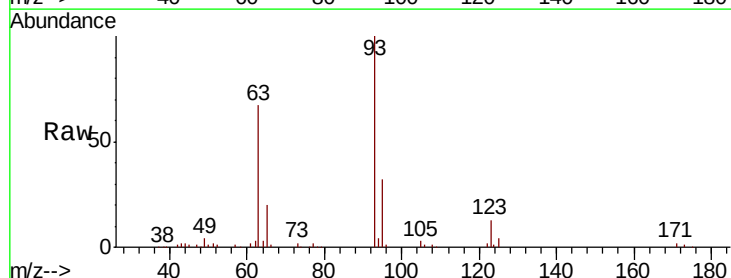
Manual Integrations
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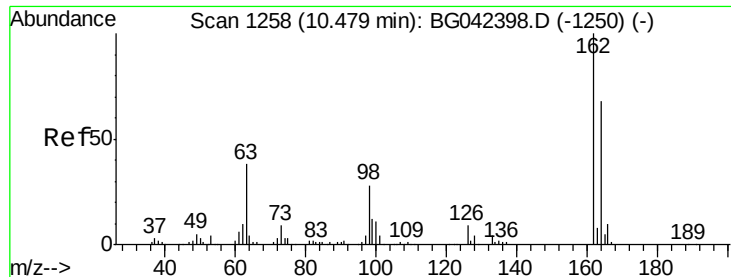
Jagrut
 8/29/2019 7:48:26 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.303 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		108885		
95	31.5	26.6		40.0	
123	12.7	10.1		15.1	





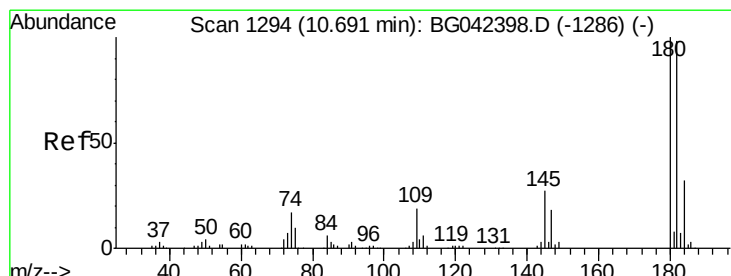
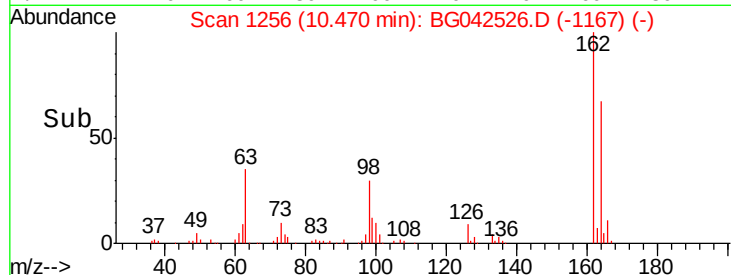
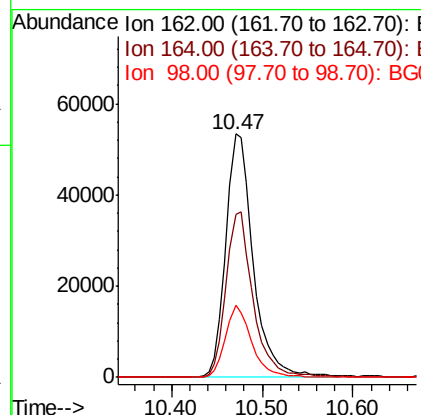
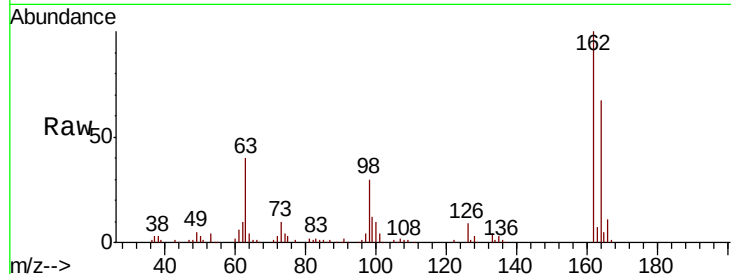
#29
 2,4-Dichlorophenol
 Concen: 46.402 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	112473		
164	67.2	48.1	88.1	
98	29.8	7.6	47.6	

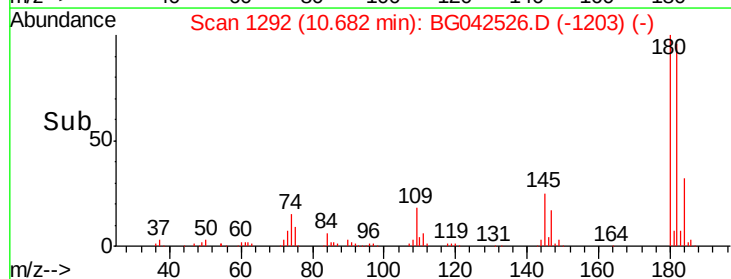
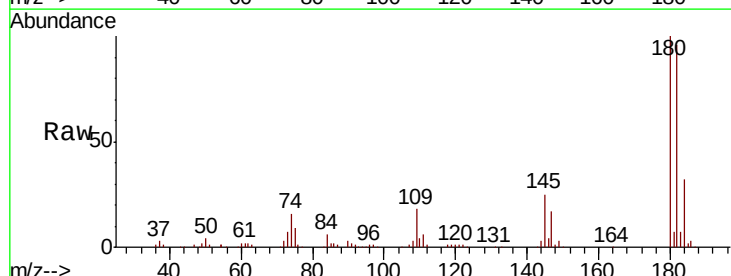
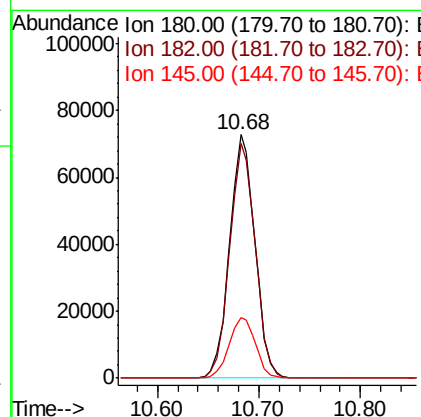
Manual Integrations
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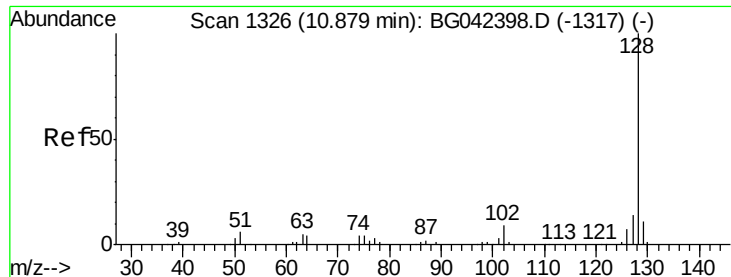
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.357 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126021		
182	96.5	78.7	118.1	
145	24.6	21.6	32.4	





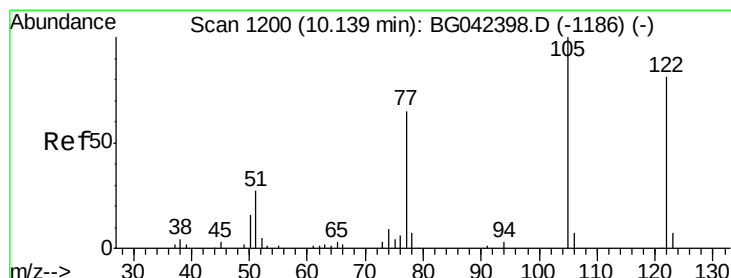
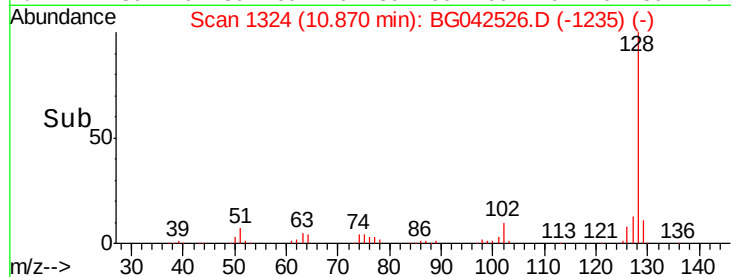
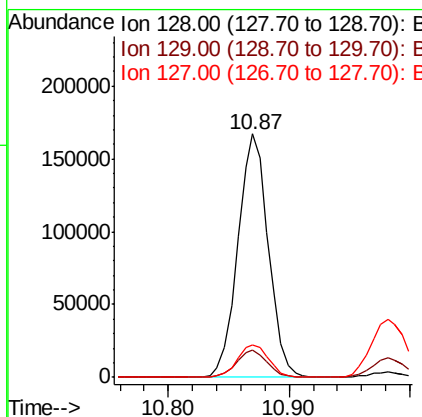
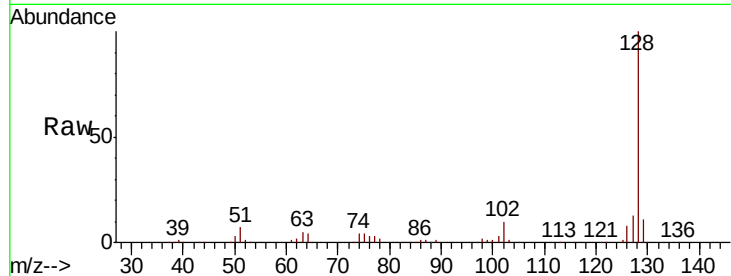
#31
Naphthalene
Concen: 43.079 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.8	13.2
127	13.1	11.4	17.0

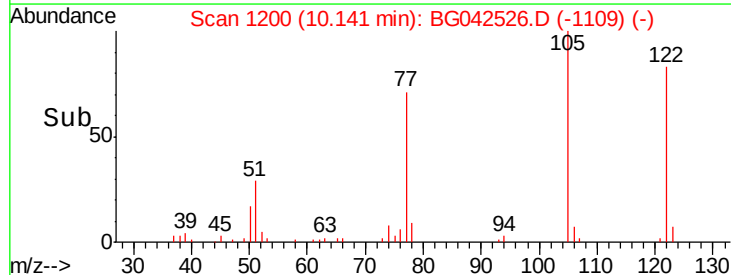
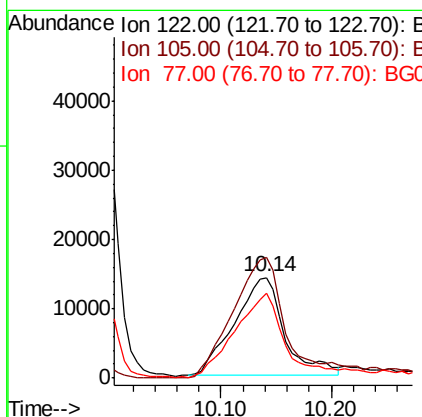
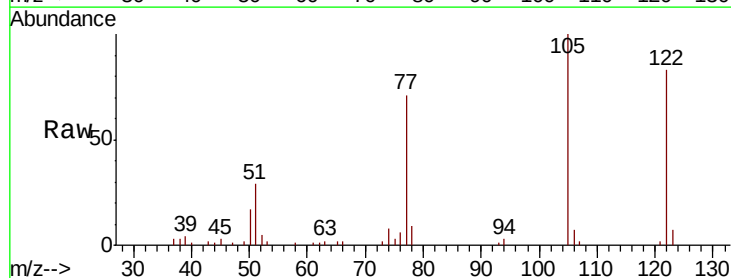
Manual Integrations
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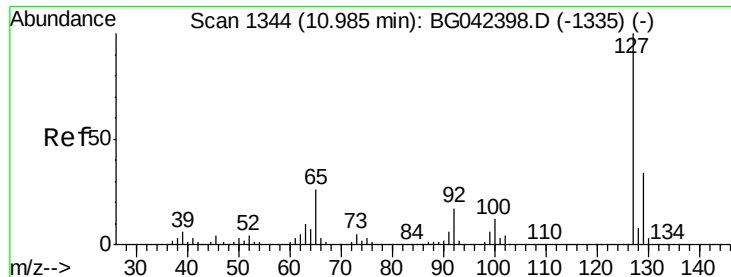
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#32
Benzoic acid
Concen: 36.029 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	120.1	99.6	139.6
77	84.9	59.5	99.5





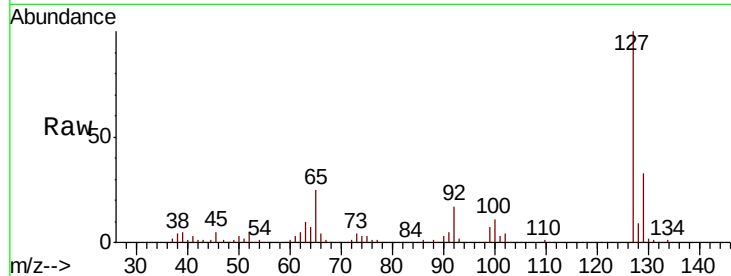
#33
4-Chloroaniline
Concen: 27.511 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.8	40.2		
65	25.2	20.7	31.1		
92	17.5	13.6	20.4		

Manual Integrations
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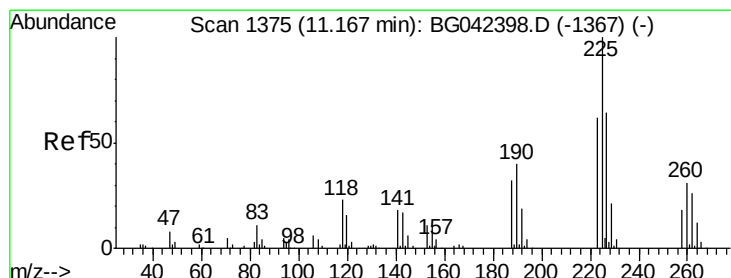
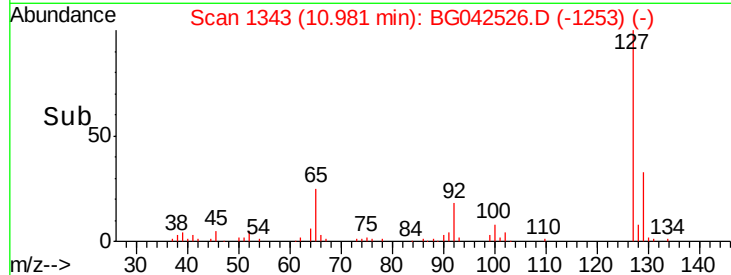
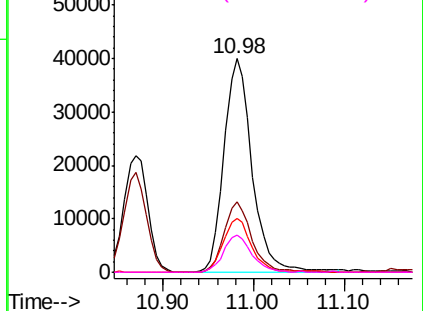
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

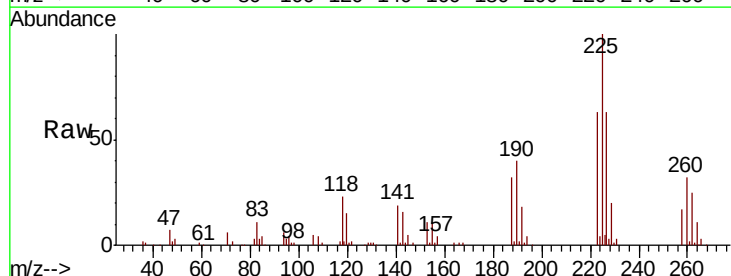
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.861 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.8	74.6		
227	62.9	50.9	76.3		

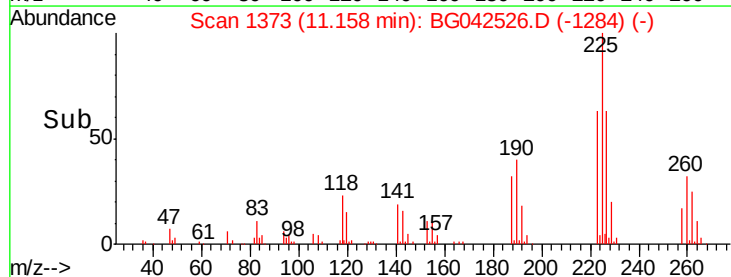
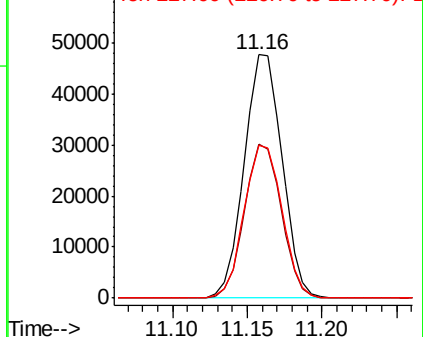


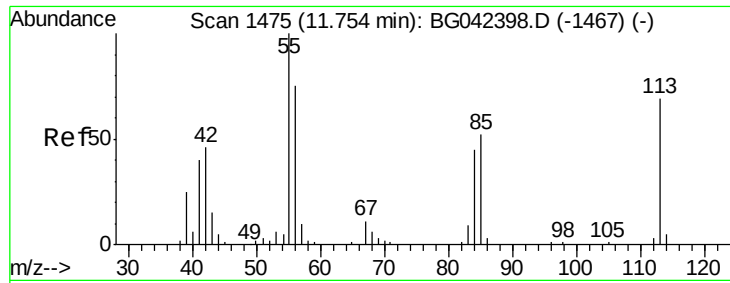
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





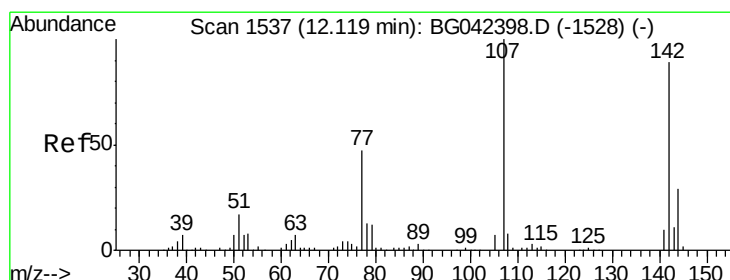
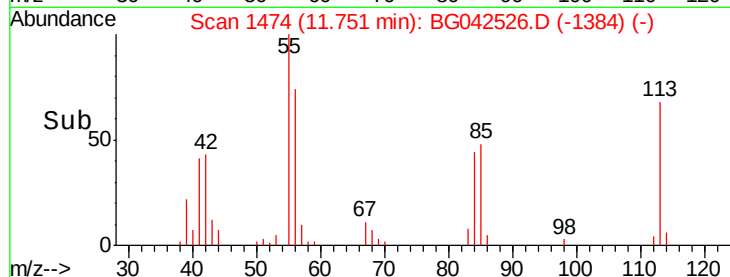
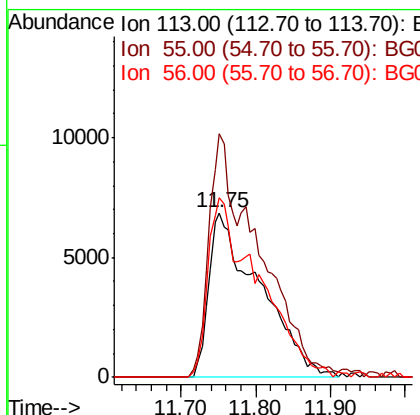
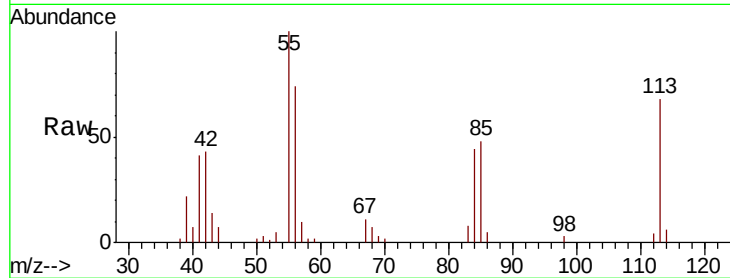
#35
 Caprolactam
 Concen: 39.863 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	147.9	124.6	164.6		
56	109.2	88.3	128.3		

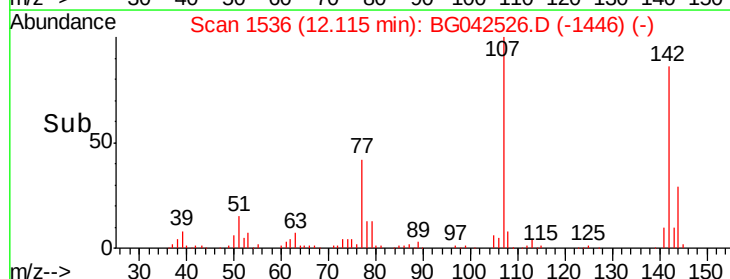
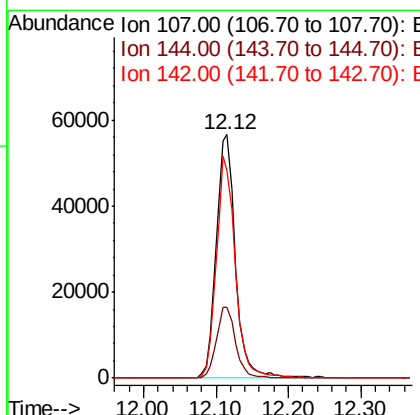
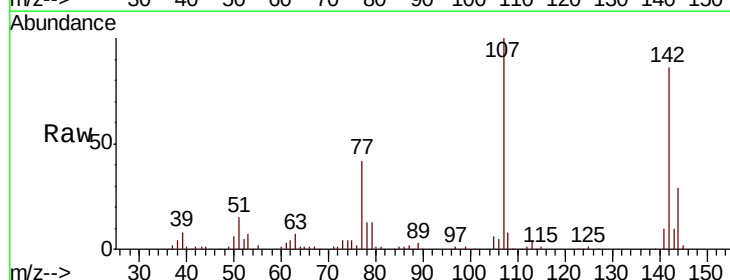
Manual Integrations
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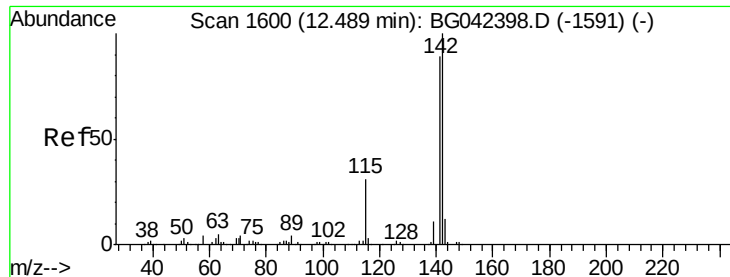
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#36
 4-Chloro-3-methylphenol
 Concen: 45.306 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.8	23.6	35.4		
142	85.5	71.0	106.4		





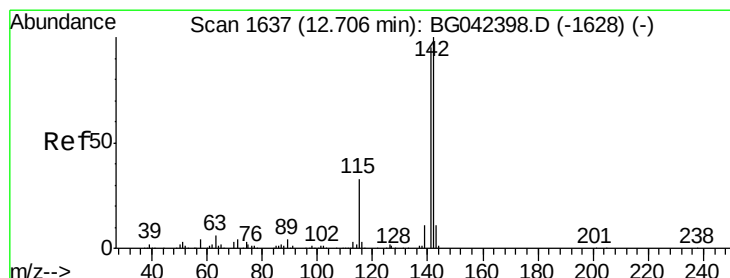
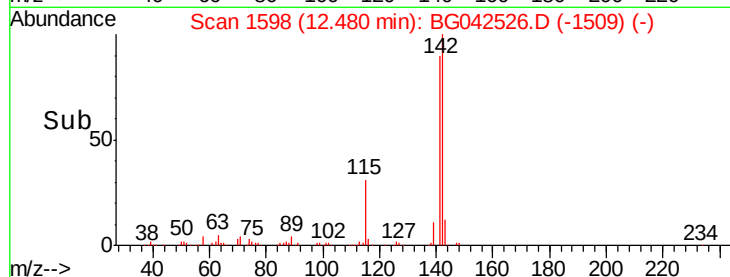
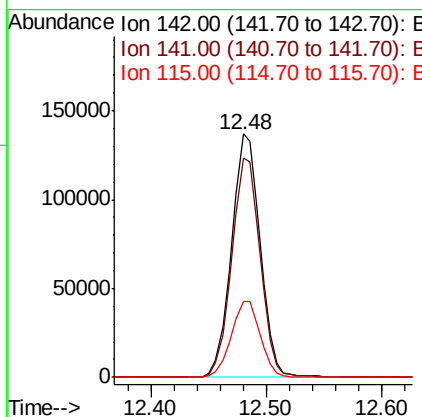
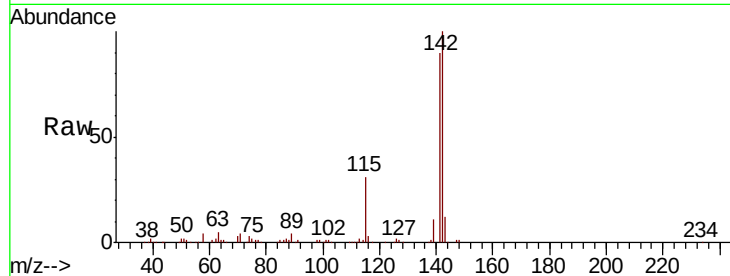
#37
2-Methylnaphthalene
Concen: 43.010 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	31.1	25.2	37.8

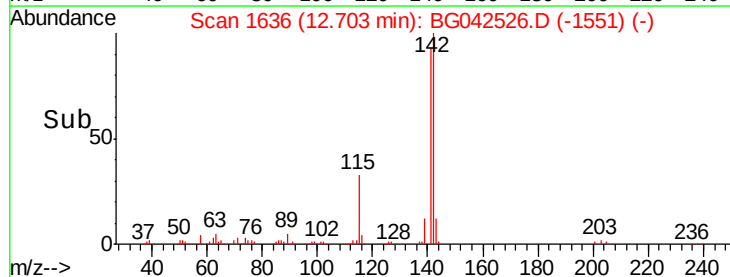
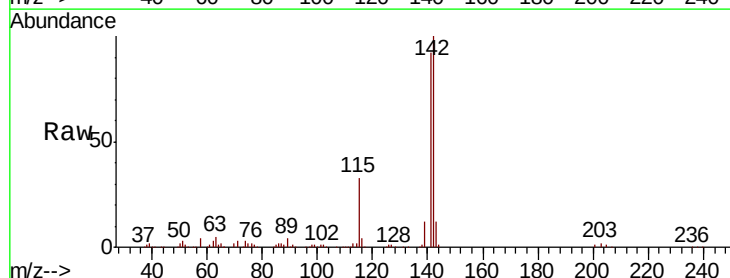
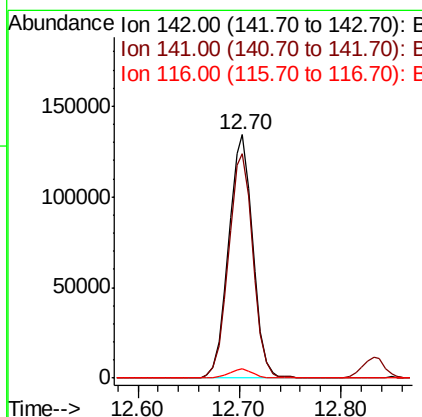
Manual Integrations
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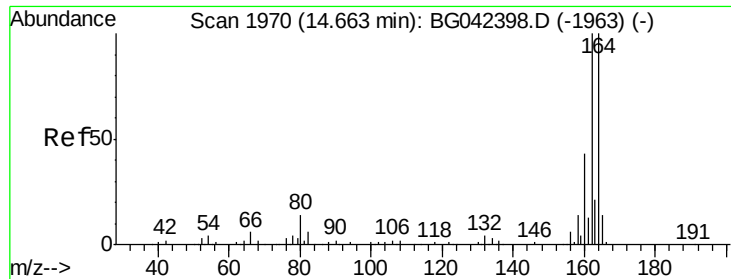
Jagrut
8/29/2019 7:48:26 PM



#38
1-Methylnaphthalene
Concen: 42.644 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	76.2	114.2
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

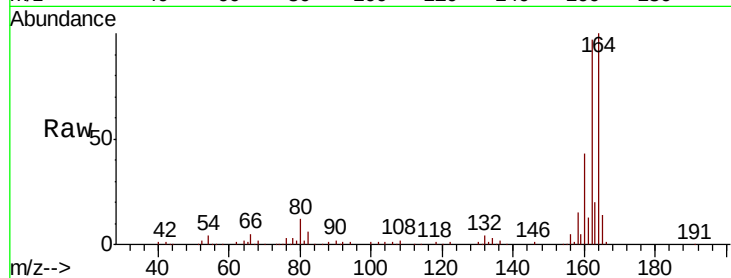
ClientSampleId :

PB122598BS

Tot Ion:	164	Resp:	109073
Ion Ratio	Lower	Upper	
164	100		
162	97.1	79.9	119.9
160	42.8	34.3	51.5

Manual Integrations
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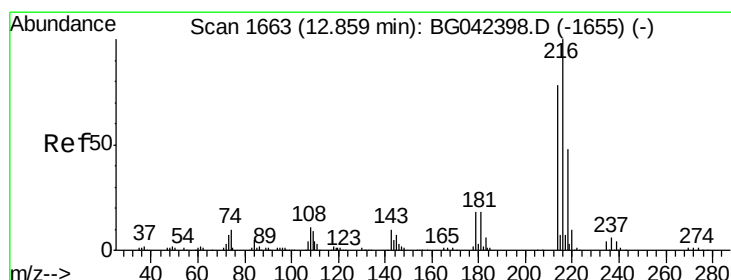
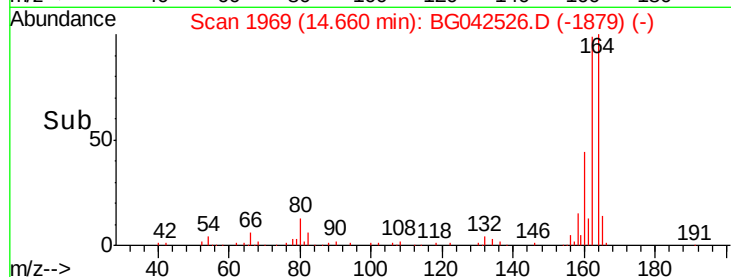
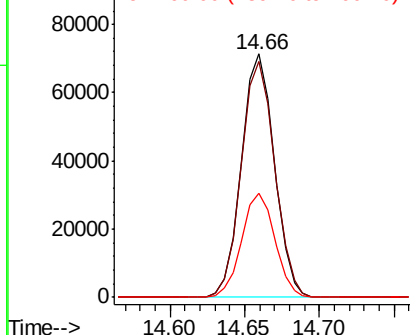


Abundance

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: 44.214 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:	216	Resp:	154870
Ion Ratio	Lower	Upper	
216	100		
214	76.7	61.4	92.2
179	18.9	15.1	22.7
108	13.3	9.4	14.0

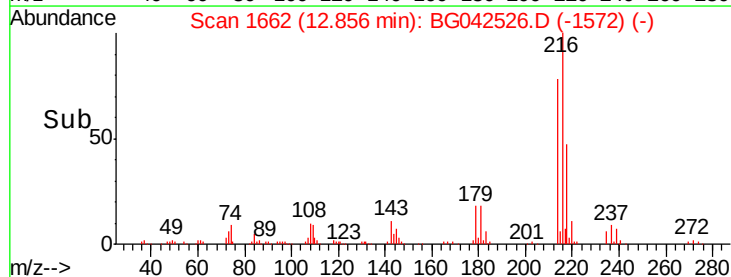
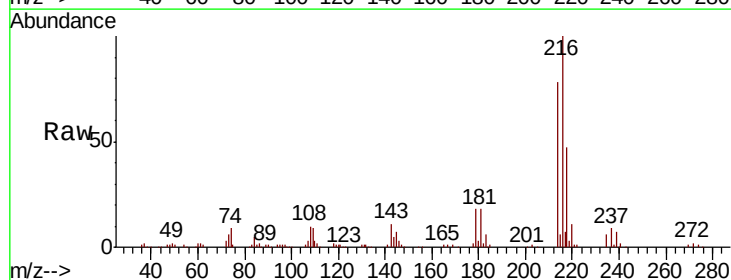
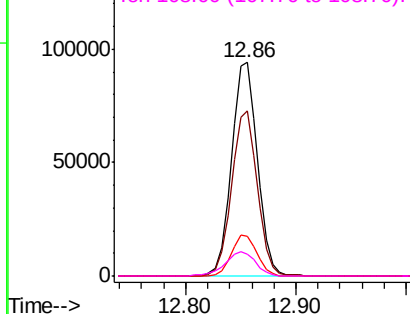
Abundance

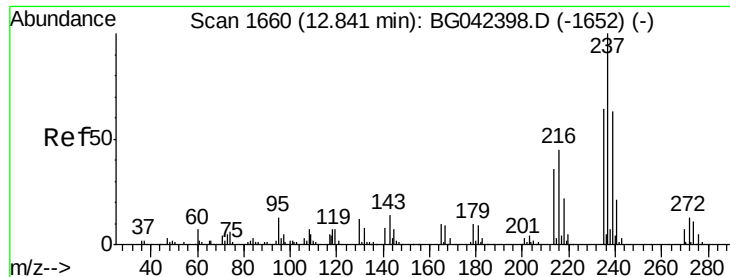
Ion 216.00 (215.70 to 216.70): E

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





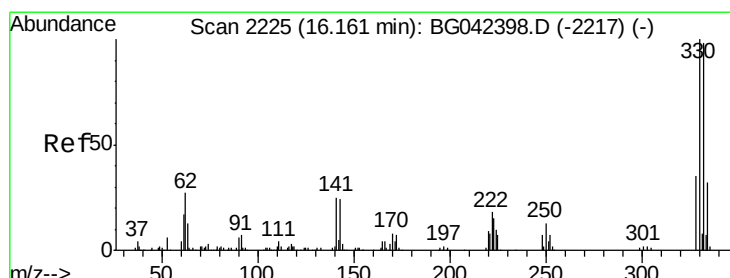
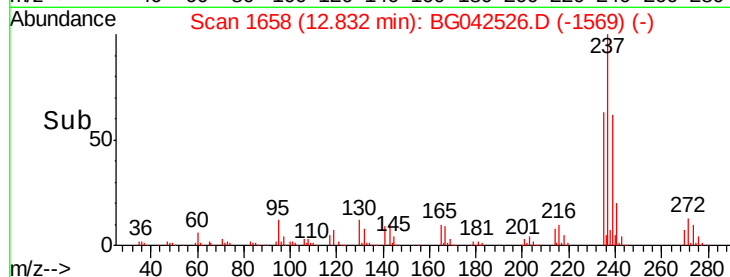
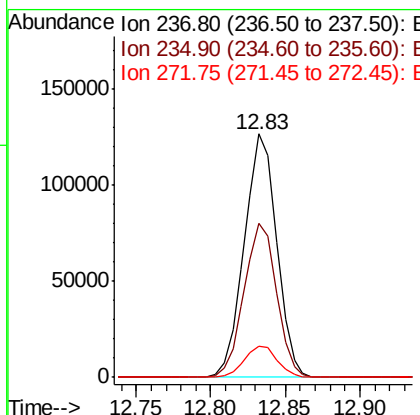
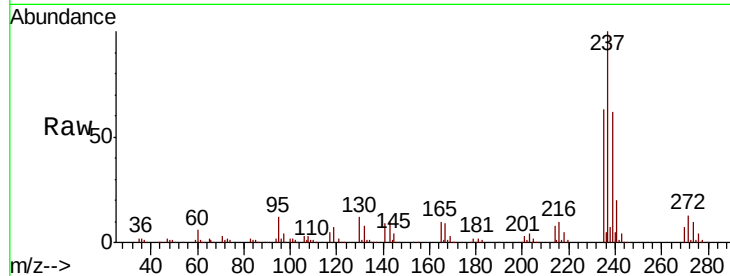
#41
Hexachlorocyclopentadiene
Concen: 103.405 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.7	83.7
272	12.9	0.0	33.3

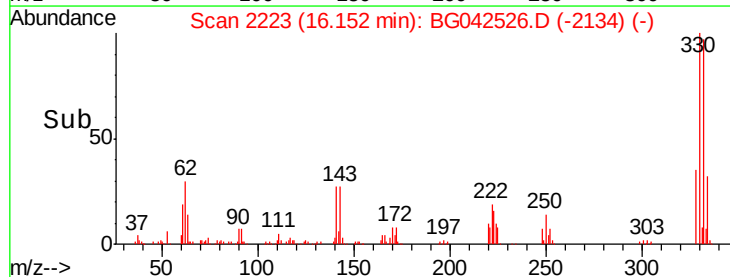
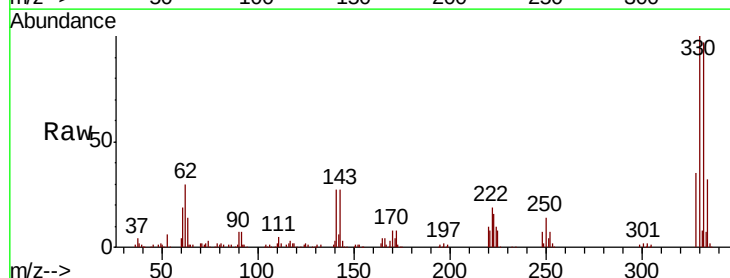
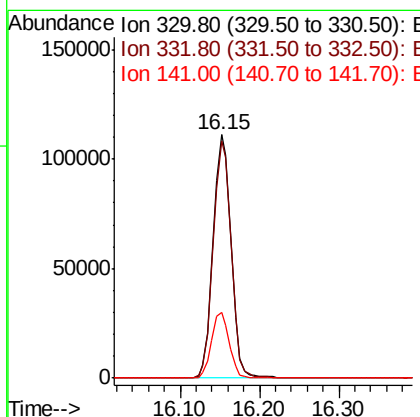
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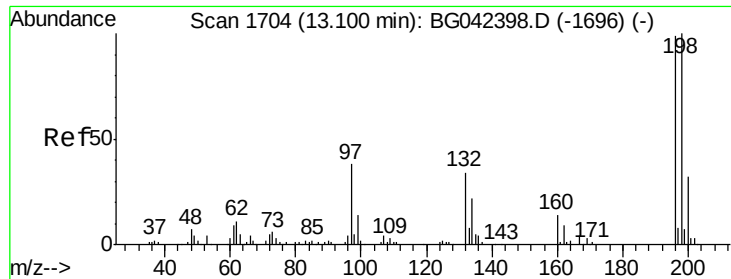
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#42
2,4,6-Tribromophenol
Concen: 112.588 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	77.4	116.0
141	27.0	21.4	32.0





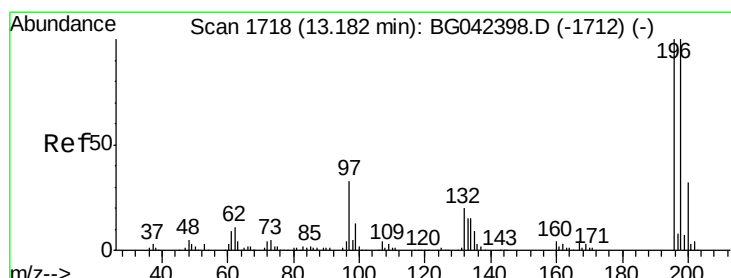
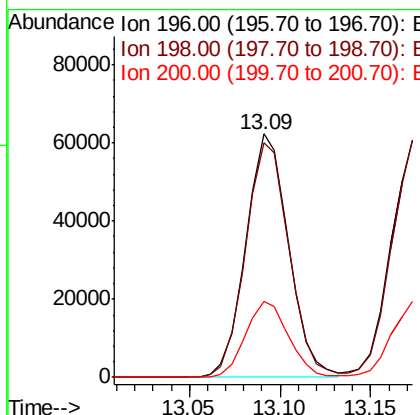
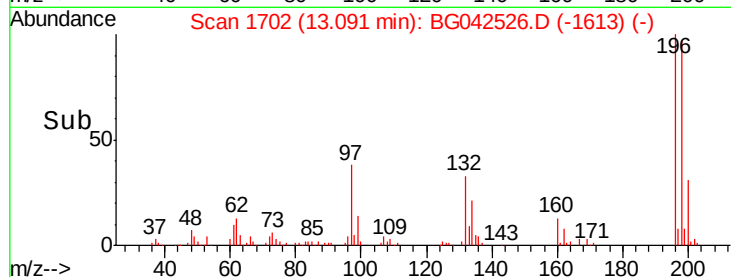
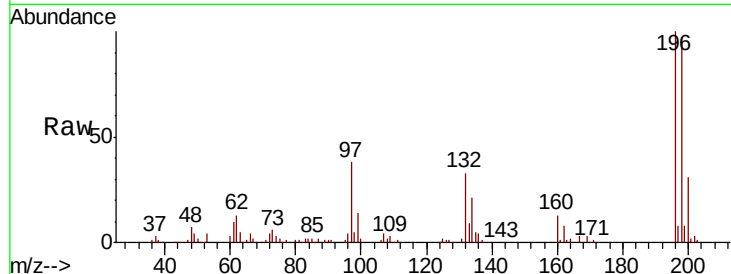
#43
 2,4,6-Trichlorophenol
 Concen: 43.144 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102148		
198	96.5	80.7	121.1	
200	31.2	25.7	38.5	

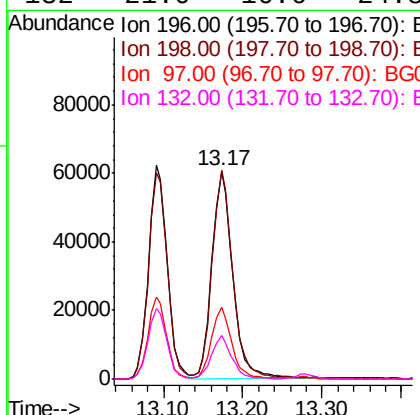
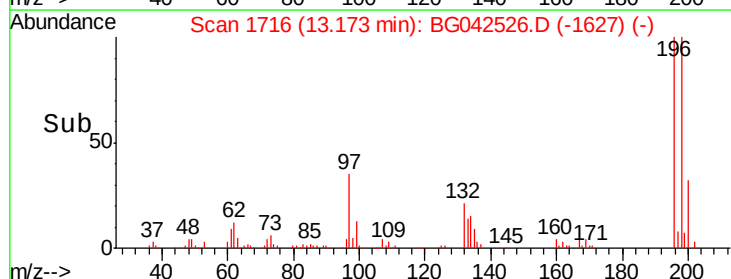
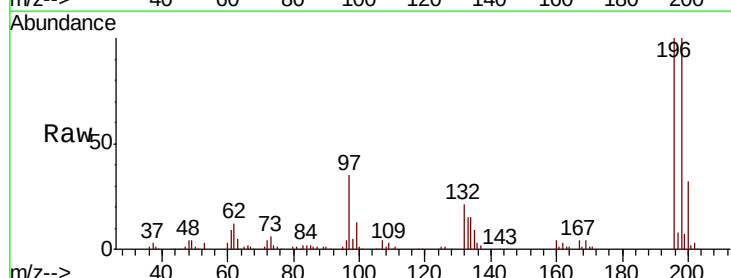
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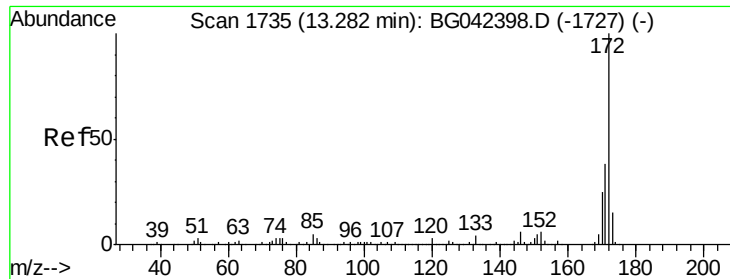
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#44
 2,4,5-Trichlorophenol
 Concen: 45.579 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111828		
198	100.3	80.2	120.4	
97	34.7	26.3	39.5	
132	21.0	16.6	24.8	





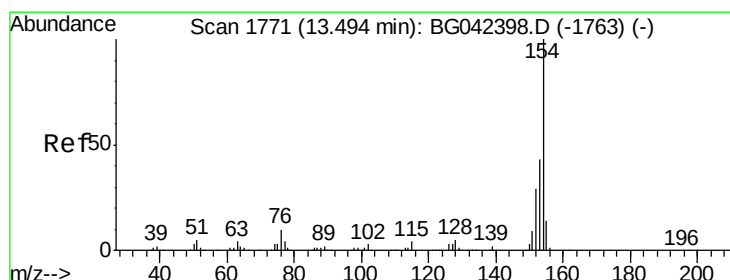
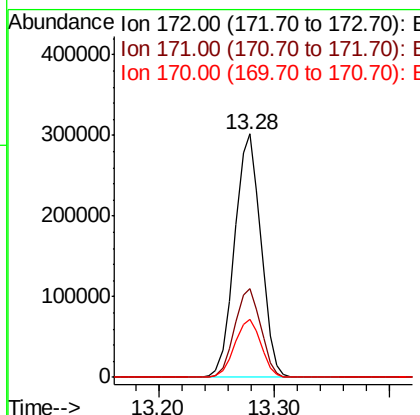
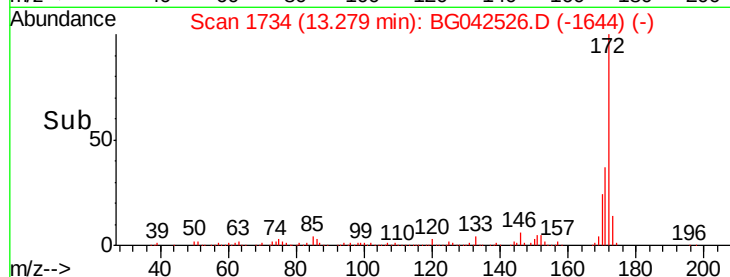
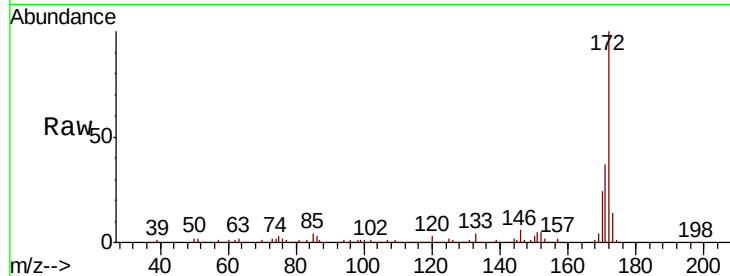
#45
2-Fluorobiphenyl
Concen: 73.462 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.0	20.2	30.2

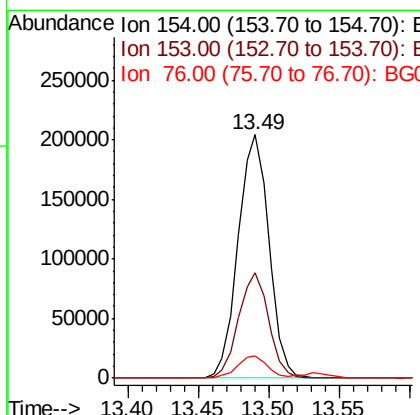
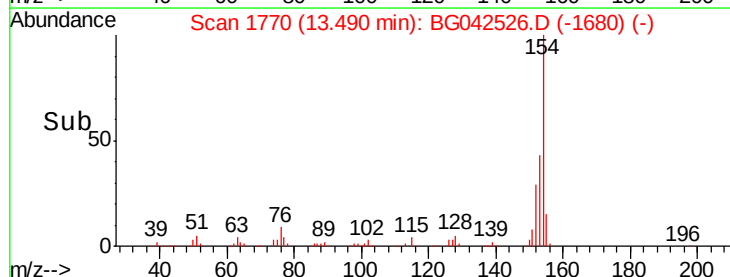
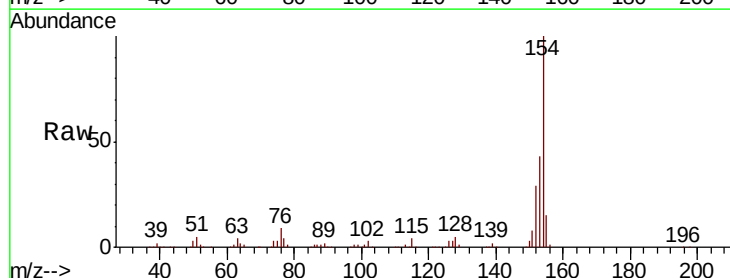
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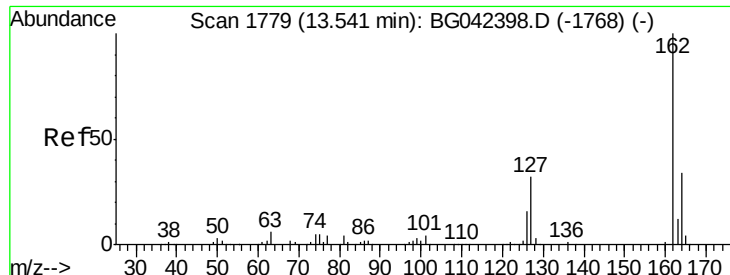
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#46
1,1'-Biphenyl
Concen: 44.329 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.0	63.0
76	8.9	0.0	29.6





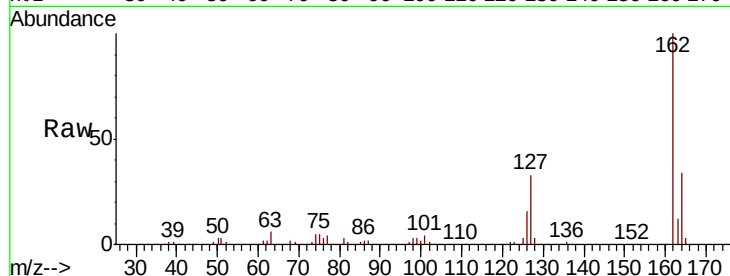
#47
2-Chloronaphthalene
Concen: 41.872 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

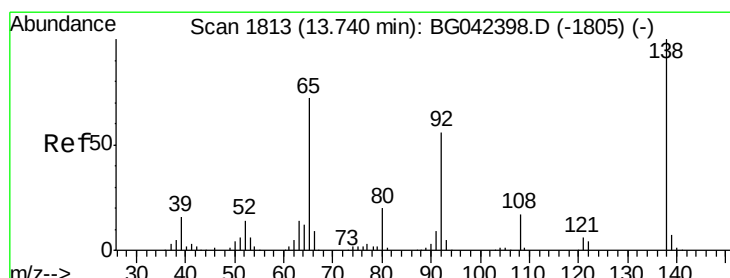
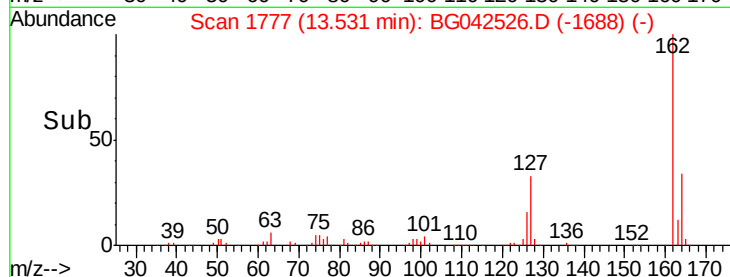
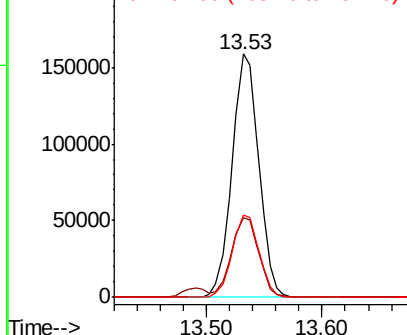
Tot Ion	Ratio	Lower	Upper
162	100		
127	32.7	26.0	39.0
164	33.8	27.4	41.0

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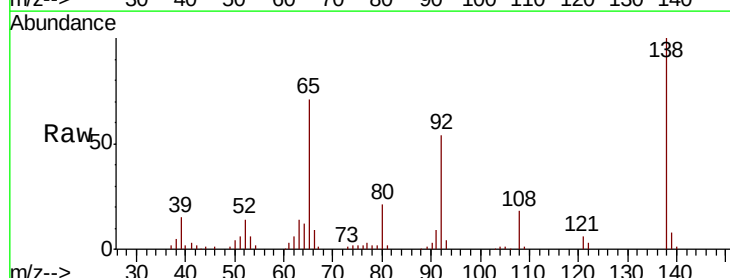


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

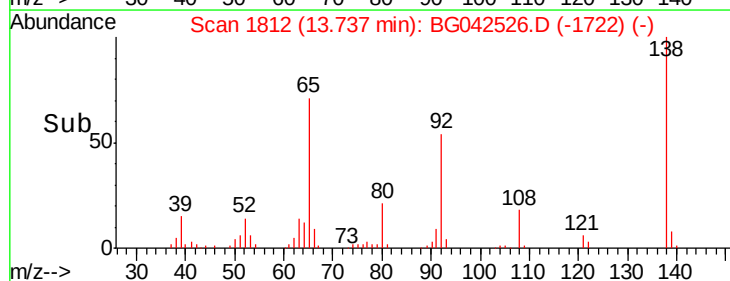
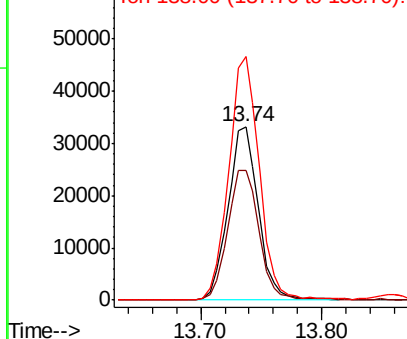


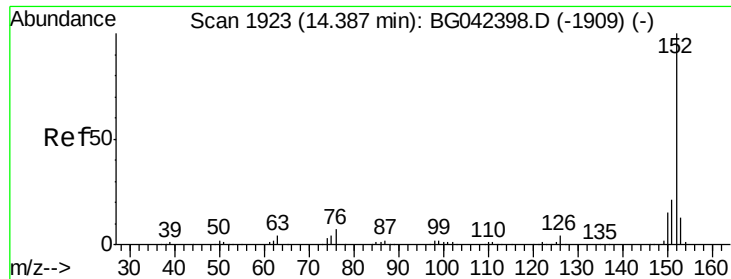
#48
2-Nitroaniline
Concen: 39.525 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	61.8	92.6
138	140.2	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: 44.080 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

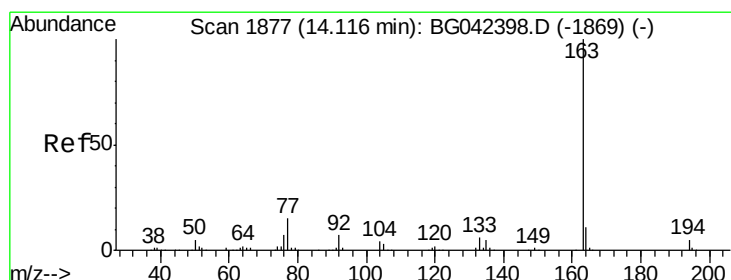
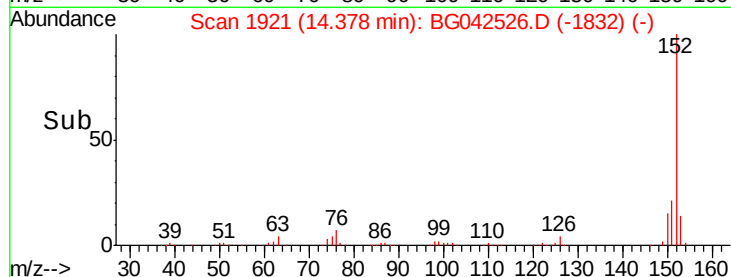
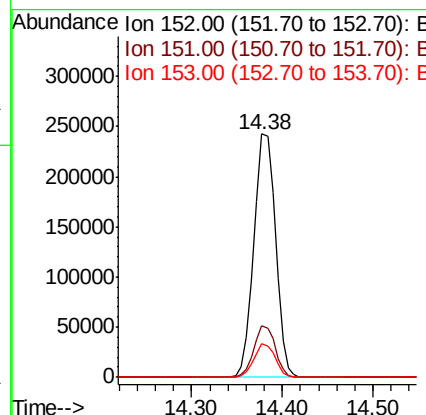
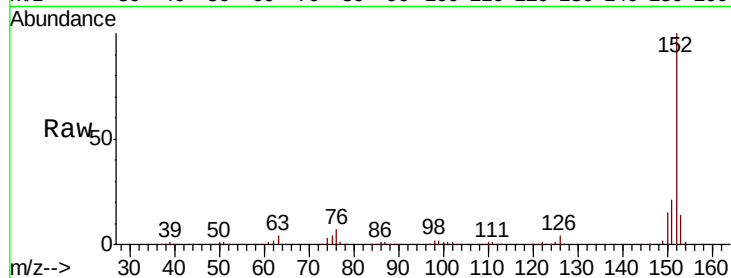
ClientSampleId :

PB122598BS

Tot Ion:	152	Resp:	403167
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	14.0	10.6	16.0

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#50

Dimethylphthalate

Concen: 41.624 ng

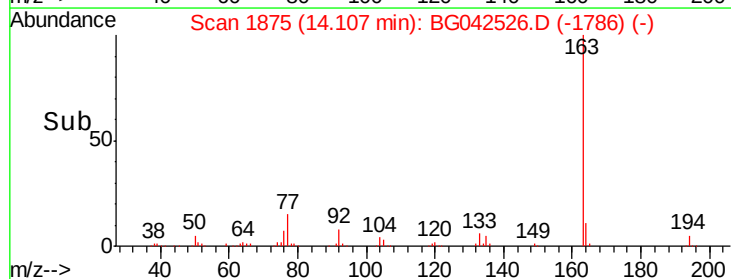
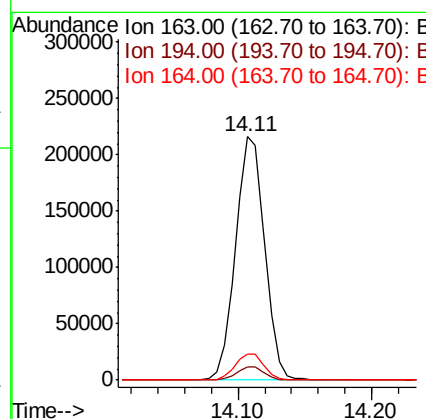
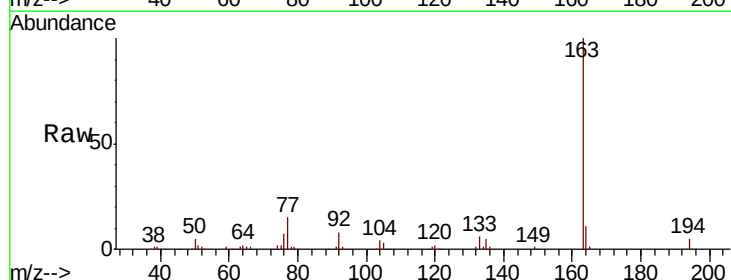
RT: 14.11 min Scan# 1875

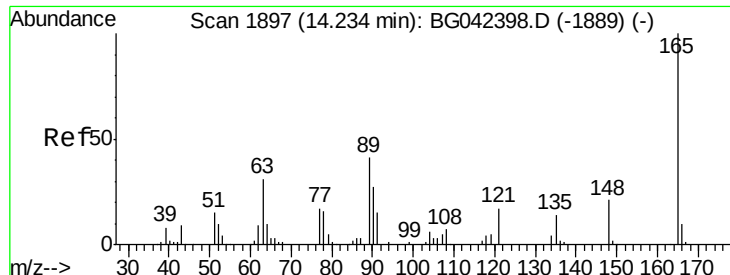
Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:	163	Resp:	327578
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	10.8	8.8	13.2





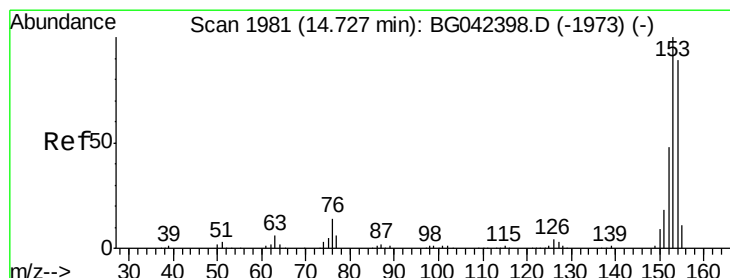
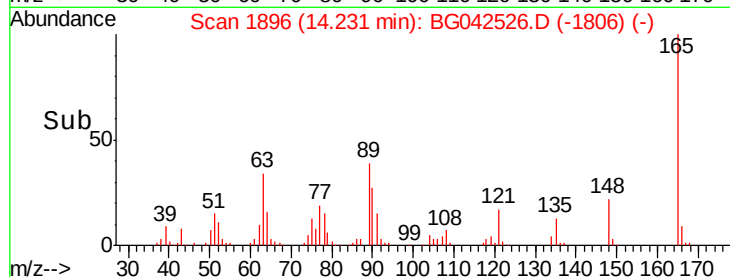
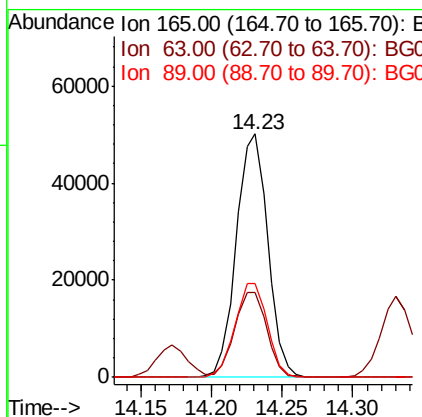
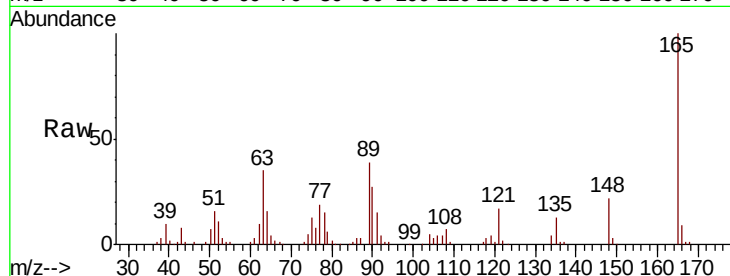
#51
 2,6-Dinitrotoluene
 Concen: 42.822 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		78116		
63	34.9	30.6	45.8		
89	38.7	32.6	49.0		

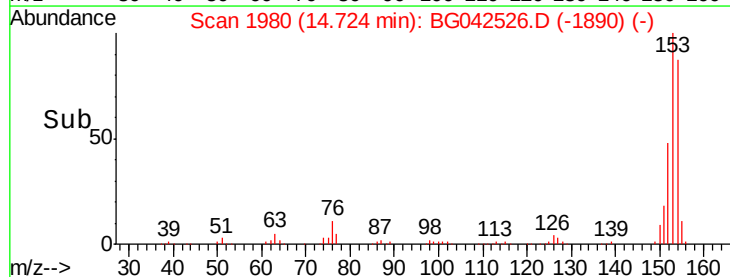
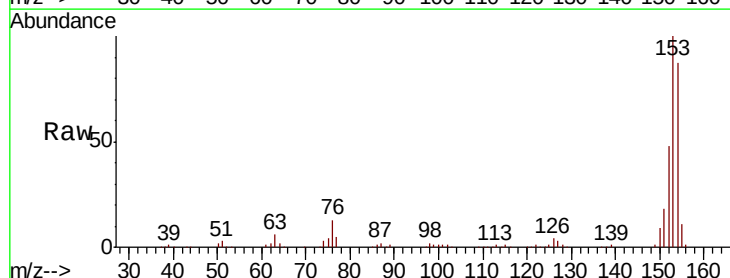
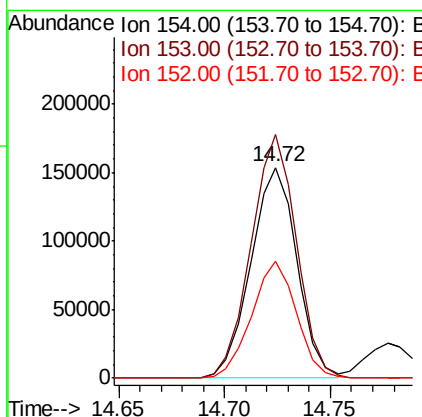
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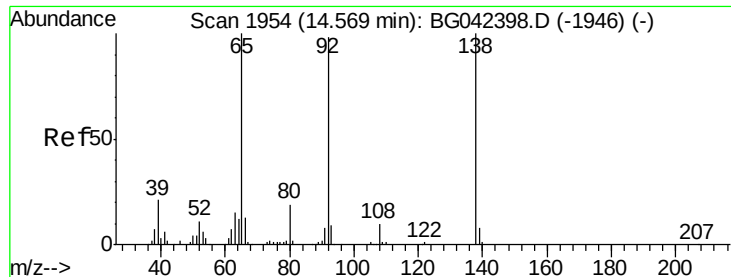
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#52
 Acenaphthene
 Concen: 41.990 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		233202		
153	115.4	90.2	135.4		
152	55.1	43.2	64.8		





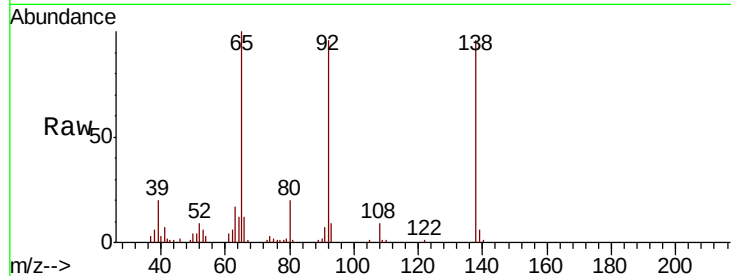
#53
3-Nitroaniline
Concen: 26.712 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

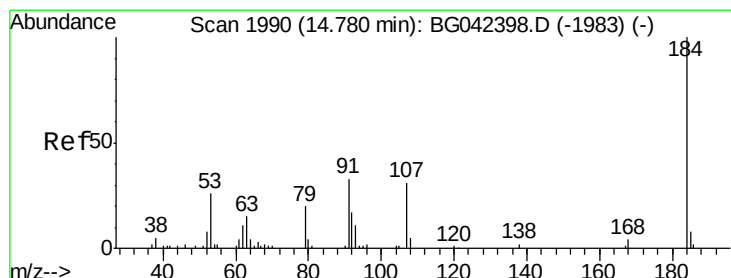
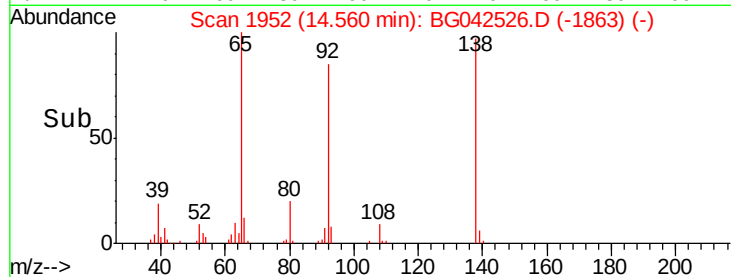
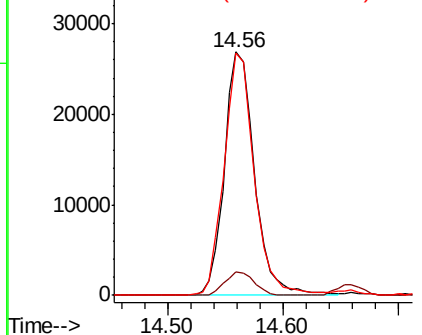
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.3	12.5
92	99.5	78.2	117.4

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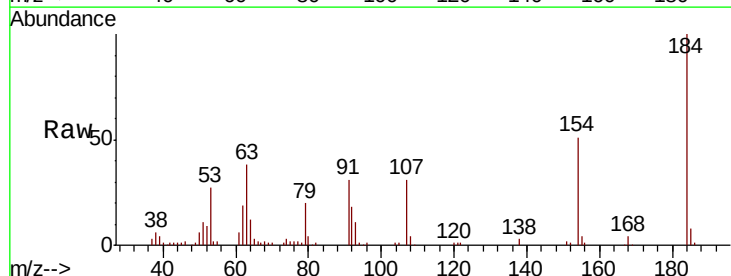


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

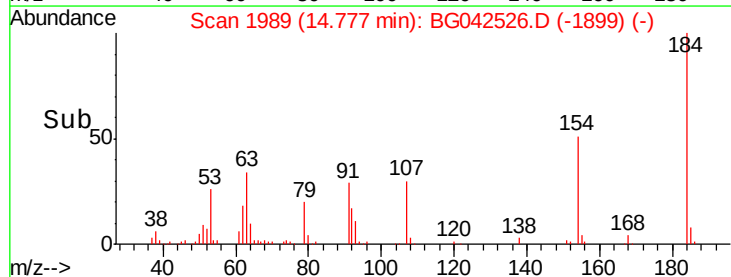
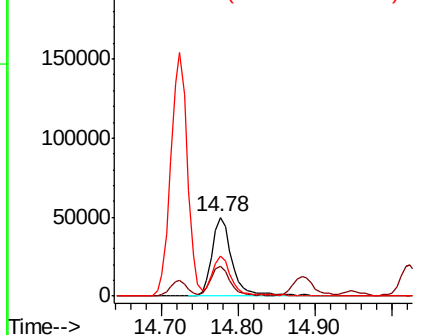


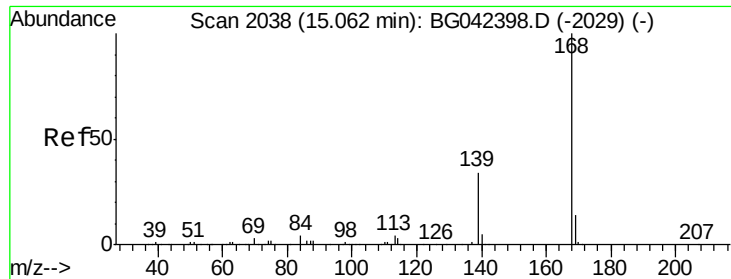
#54
2,4-Dinitrophenol
Concen: 74.521 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.0	31.7	47.5
154	50.9	42.0	63.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





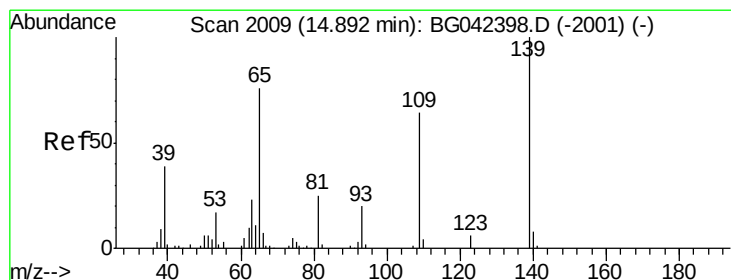
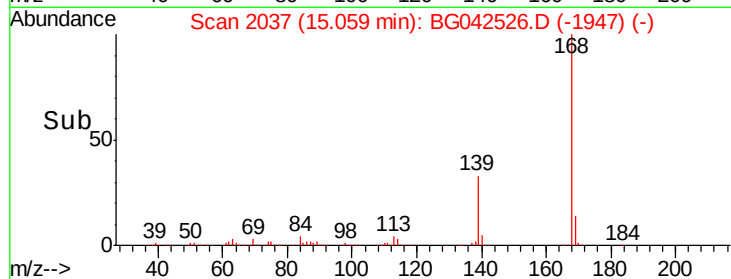
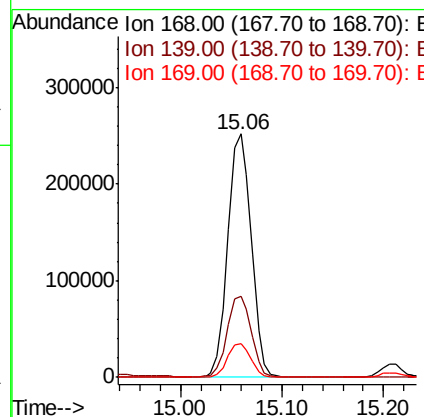
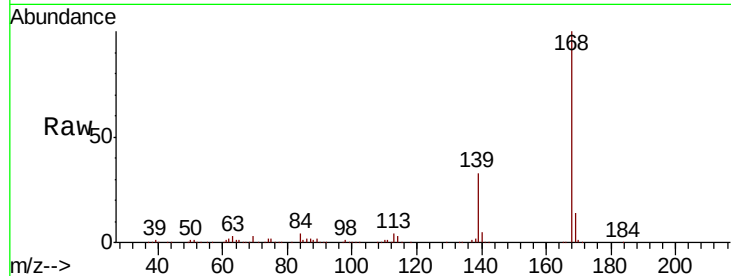
#55
 Dibenzofuran
 Concen: 43.988 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion:	168	Resp:	404383
Ion Ratio	Lower	Upper	
168	100		
139	33.4	27.2	40.8
169	13.8	11.5	17.3

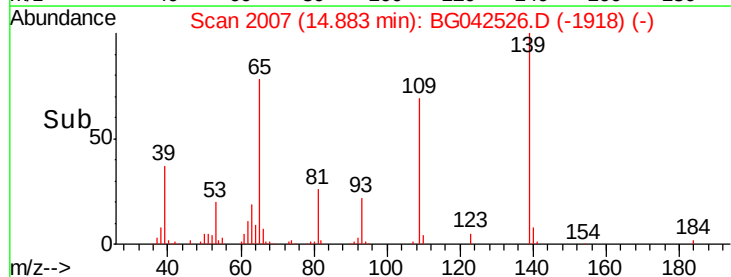
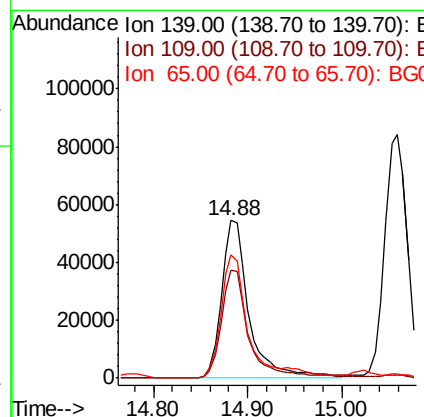
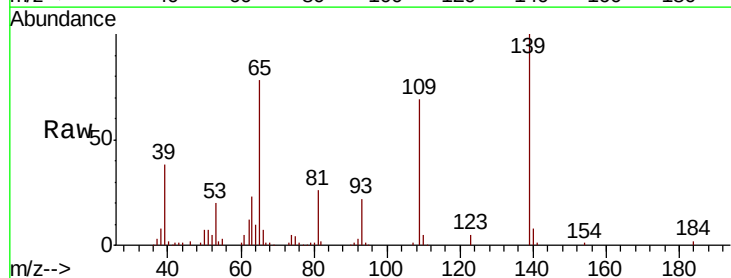
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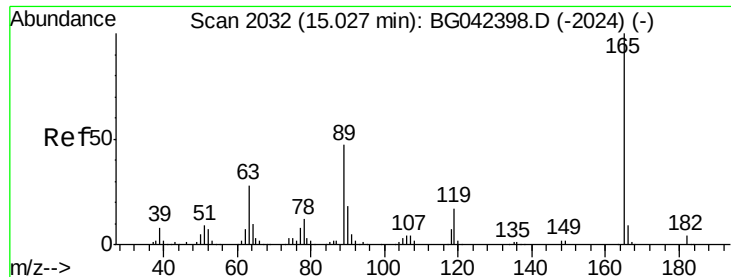
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#56
 4-Nitrophenol
 Concen: 85.853 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:	139	Resp:	111296
Ion Ratio	Lower	Upper	
139	100		
109	68.5	43.9	83.9
65	78.1	56.3	96.3





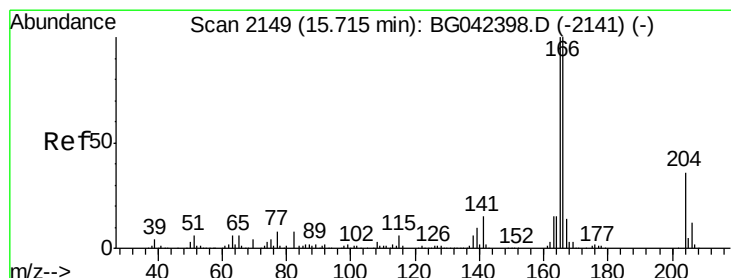
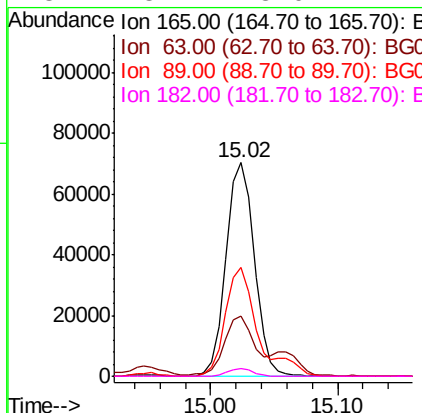
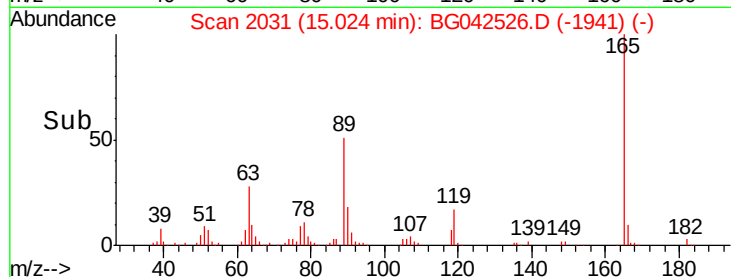
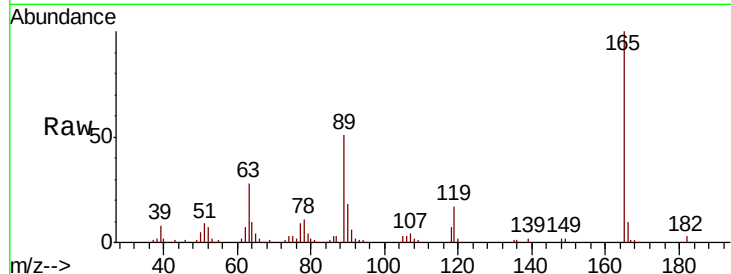
#57
 2,4-Dinitrotoluene
 Concen: 41.583 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleID :
 PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	108624		
63	28.4	22.5	33.7	
89	51.0	37.8	56.6	
182	3.4	3.0	4.4	

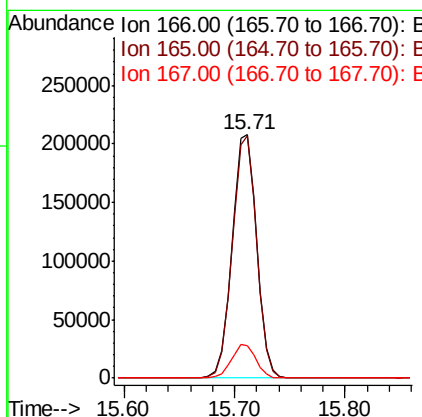
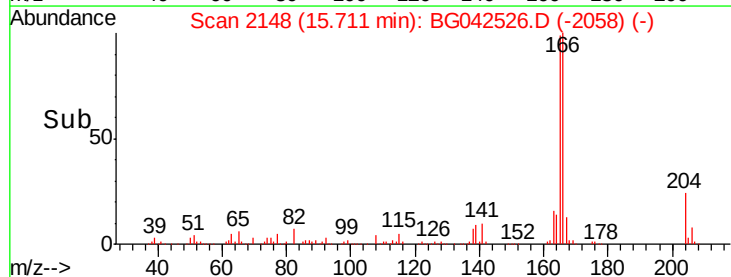
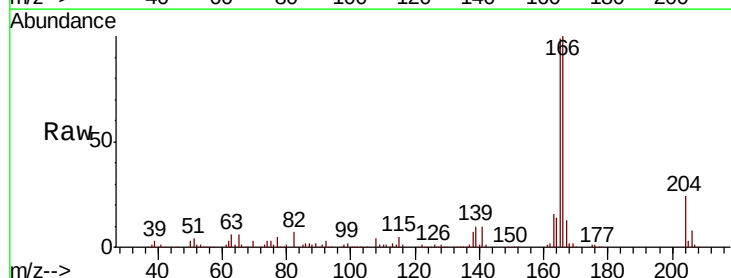
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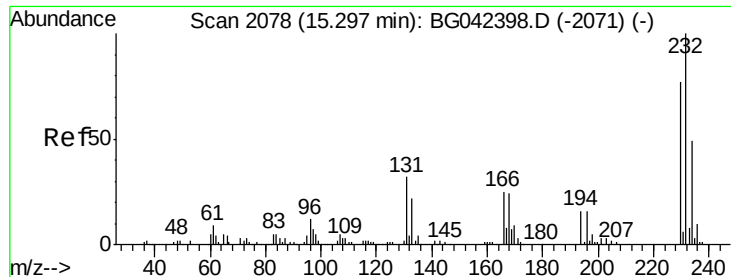
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#58
 Fluorene
 Concen: 43.121 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	324051		
165	99.4	79.7	119.5	
167	13.4	10.9	16.3	





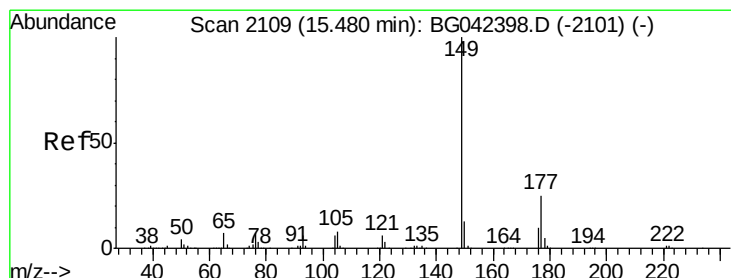
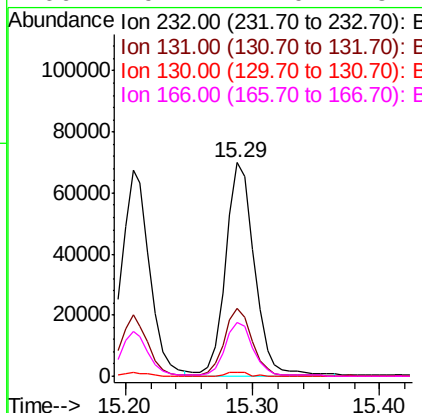
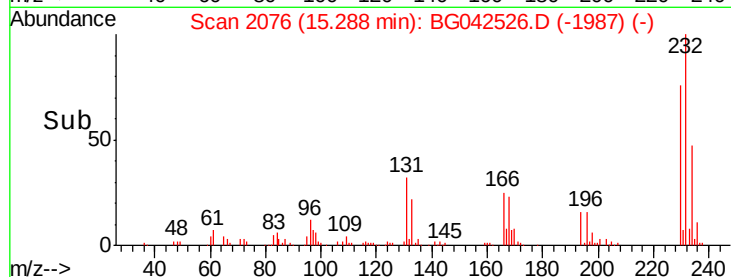
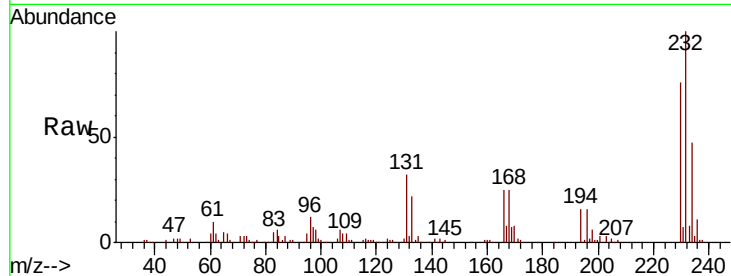
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.898 ng/ml
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	111365		
131	26.9		22.9	34.3
130	1.5		1.4	2.0
166	19.7		17.0	25.4

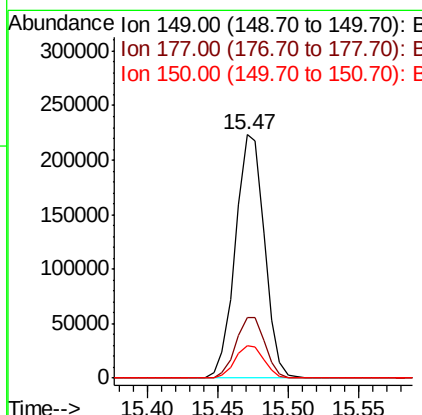
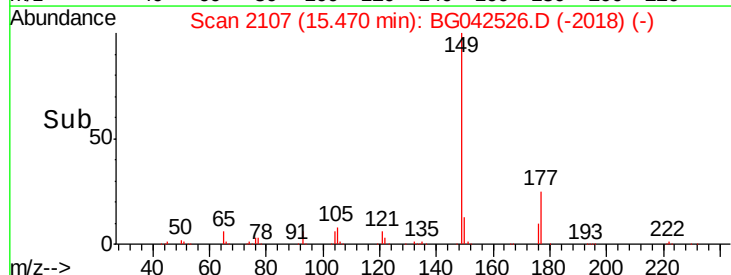
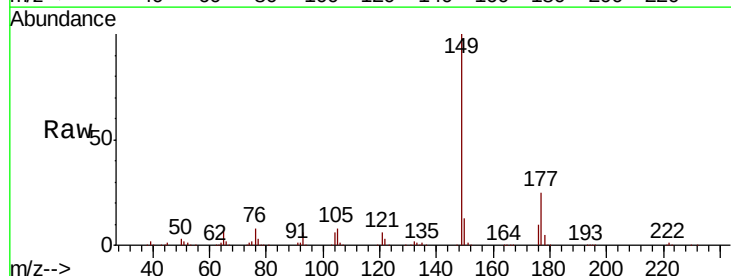
Manual Integrations
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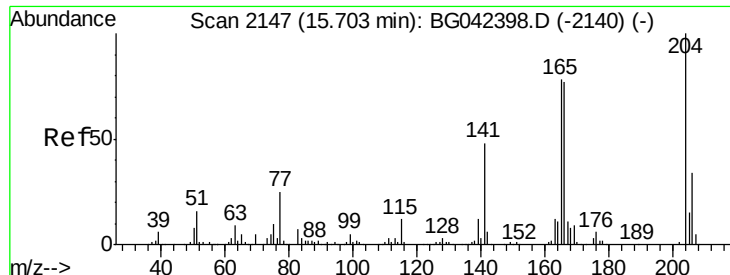
Jagrut
 8/29/2019 7:48:26 PM



#60
 Diethylphthalate
 Concen: 41.522 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	319444		
177	25.1		20.4	30.6
150	13.1		10.3	15.5





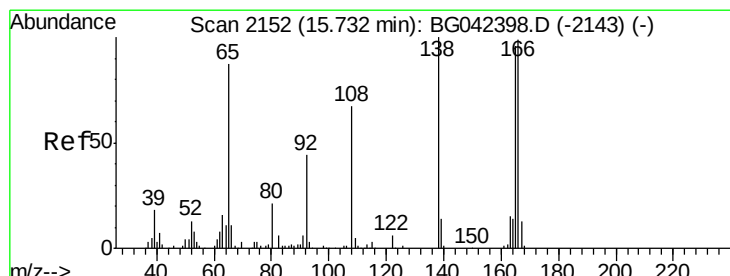
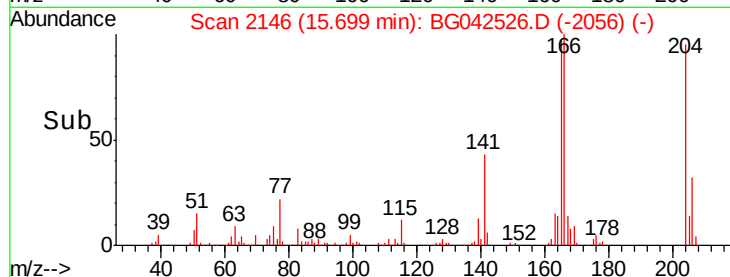
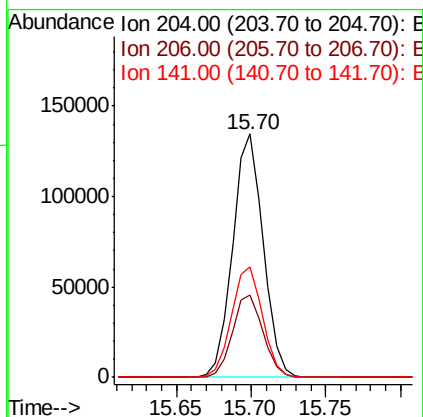
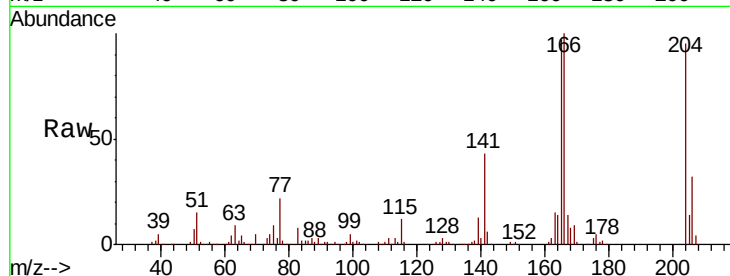
#61
4-Chlorophenyl-phenylether
Concen: 42.393 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.6	27.2	40.8
141	45.5	38.7	58.1

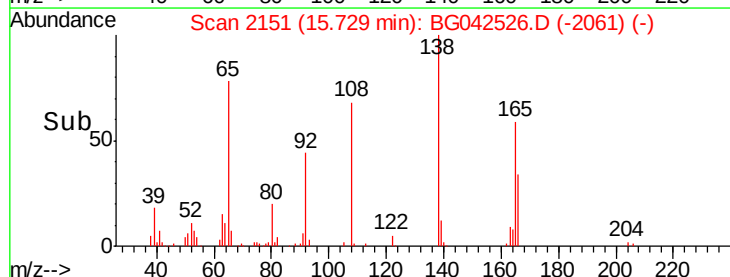
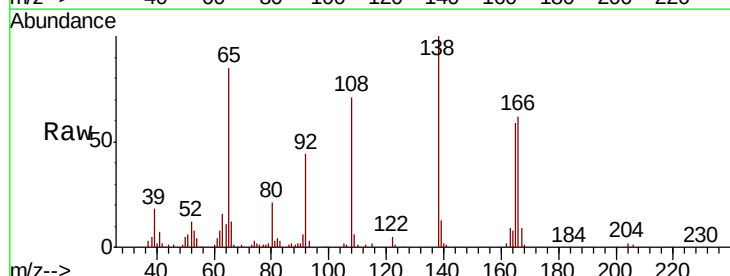
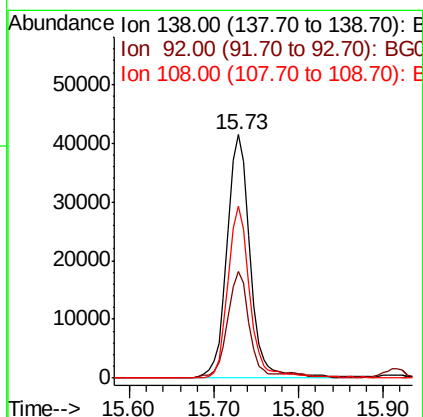
Manual Integrations
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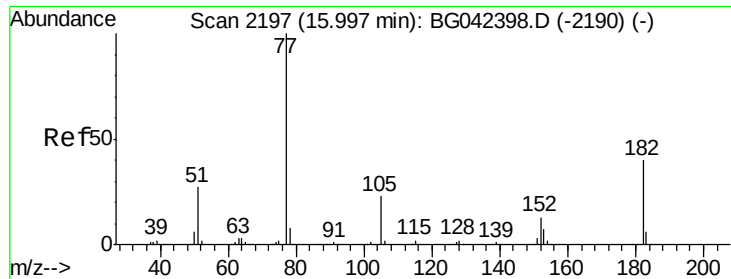
Jagrut
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#62
4-Nitroaniline
Concen: 40.025 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	43.7	24.2	64.2
108	70.8	46.8	86.8





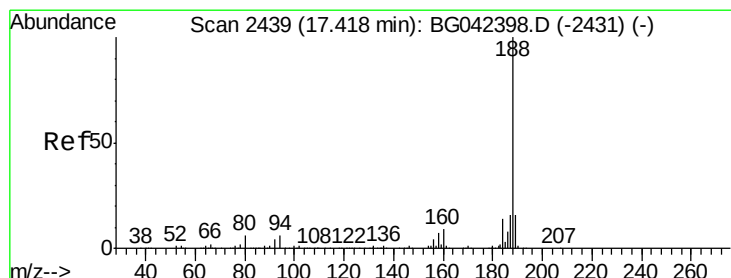
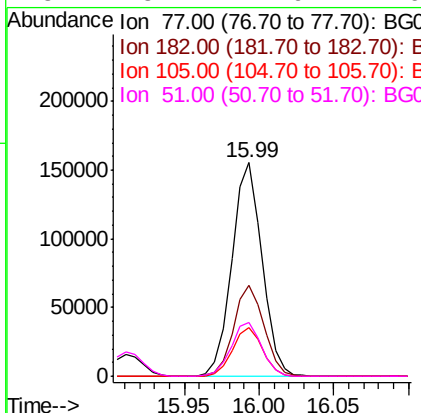
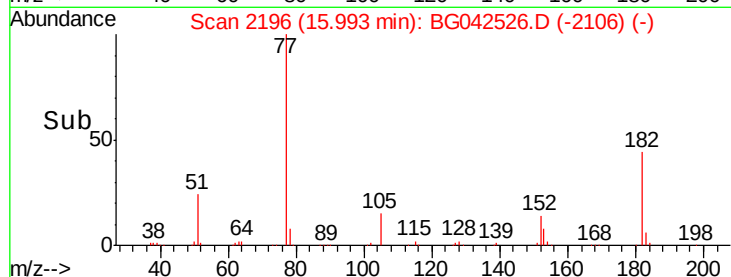
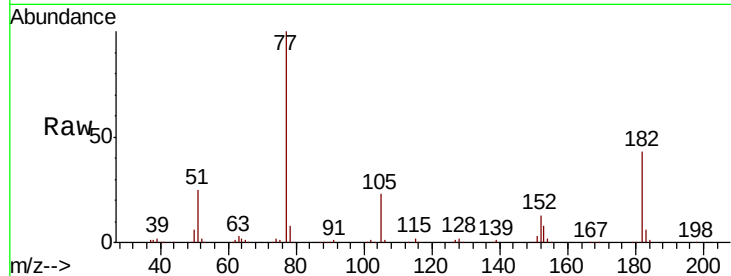
#63
Azobenzene
Concen: 41.612 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		219364		
182	42.7	19.9	59.9		
105	22.8	2.9	42.9		
51	25.4	7.6	47.6		

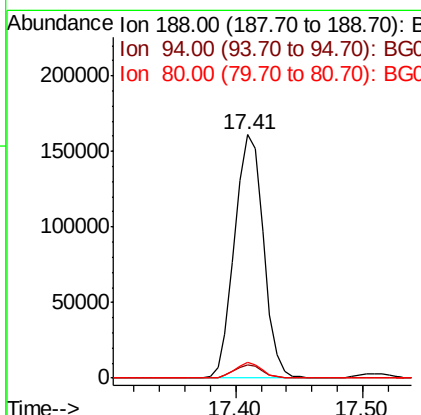
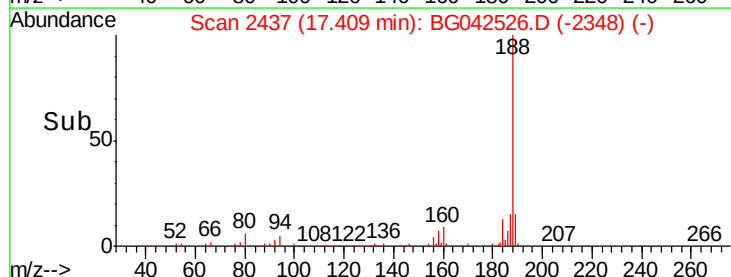
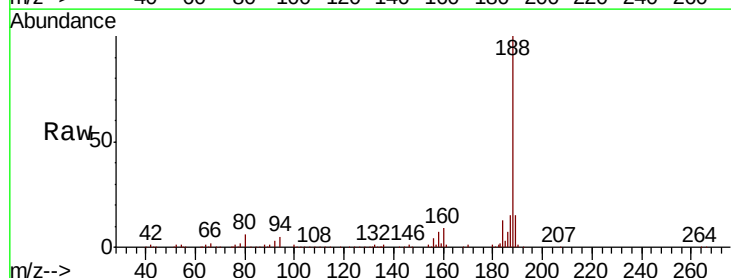
Manual Integrations
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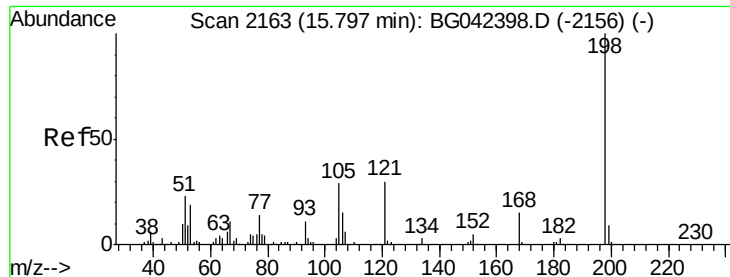
Jagrut
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		253939		
94	5.2	4.5	6.7		
80	6.3	4.9	7.3		





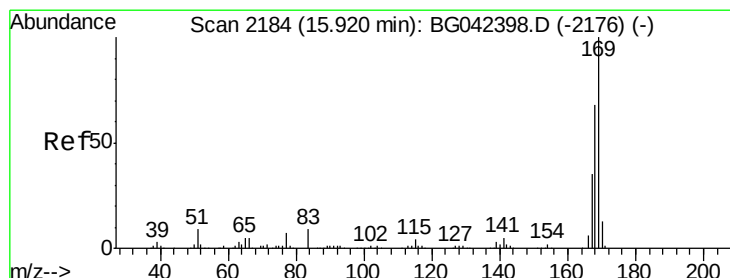
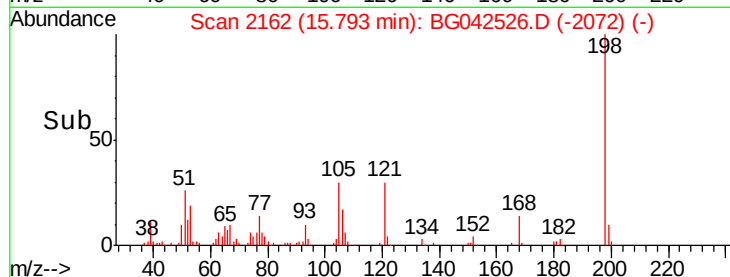
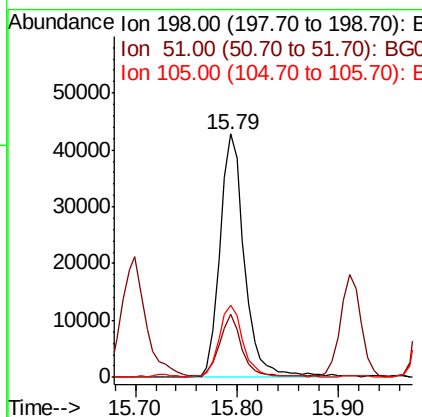
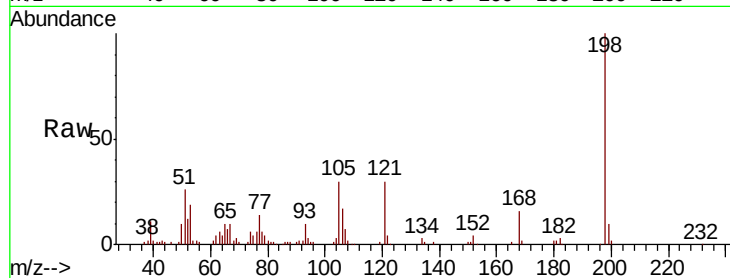
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.188 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	71944		
51	25.8		4.2	44.2
105	29.8		8.8	48.8

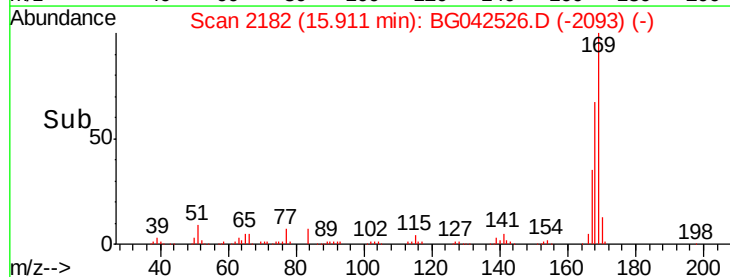
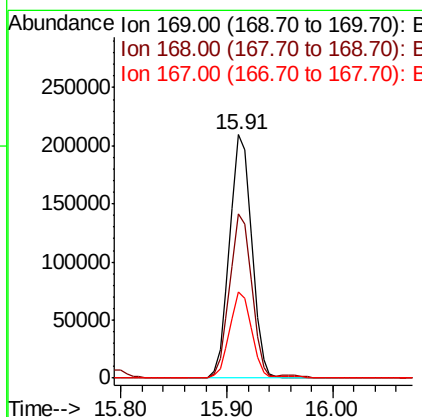
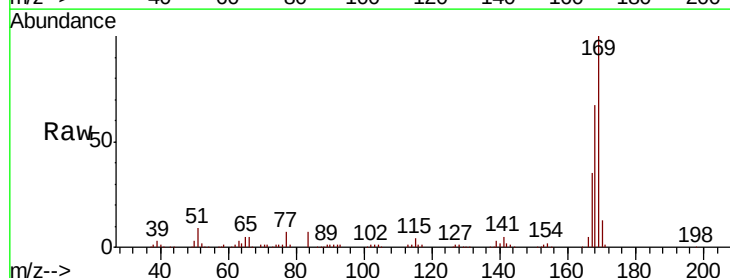
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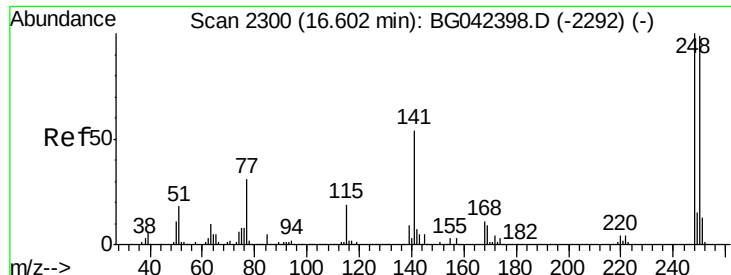
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#66
 n-Nitrosodiphenylamine
 Concen: 43.360 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	302806		
168	67.2		54.3	81.5
167	35.3		28.2	42.2





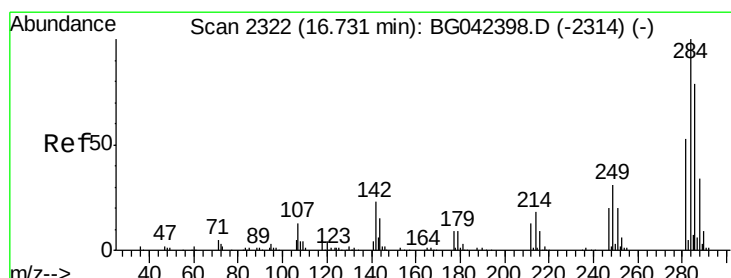
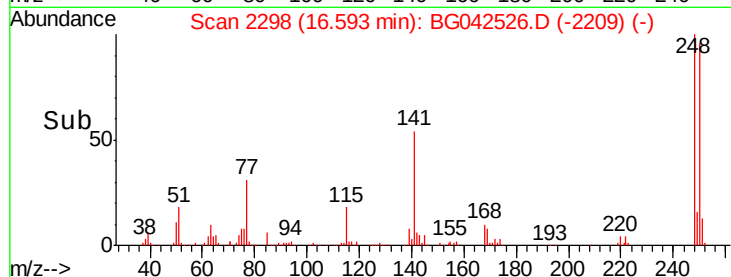
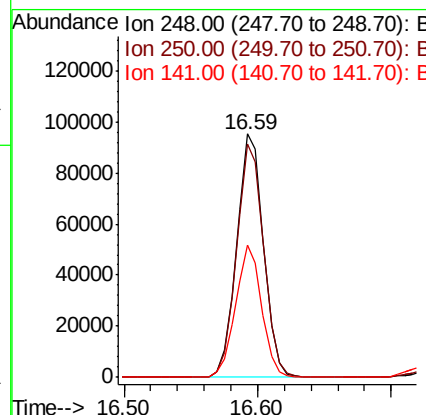
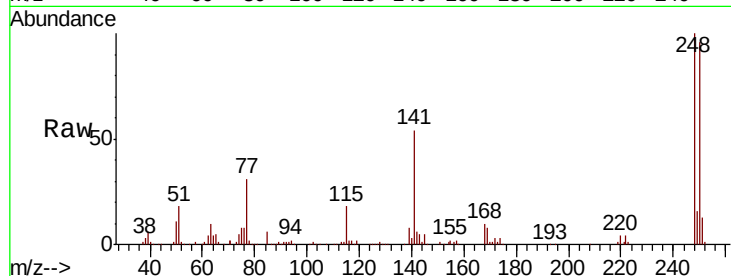
#67
 4-Bromophenyl-phenylether
 Concen: 41.400 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion:	248	Resp:	133351
Ion Ratio	Lower	Upper	
248	100		
250	95.8	78.9	118.3
141	54.2	43.3	64.9

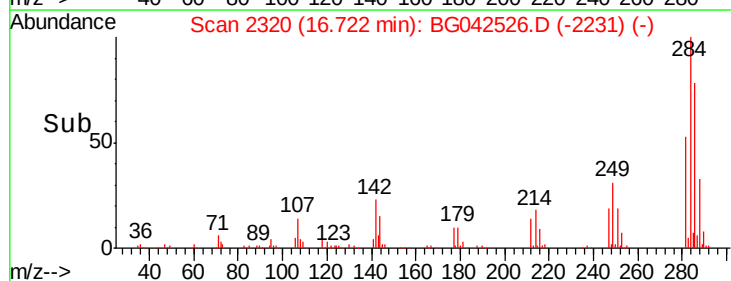
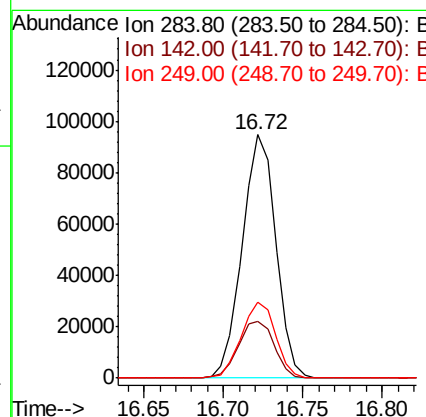
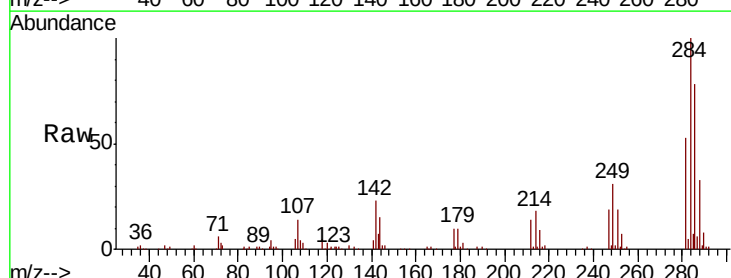
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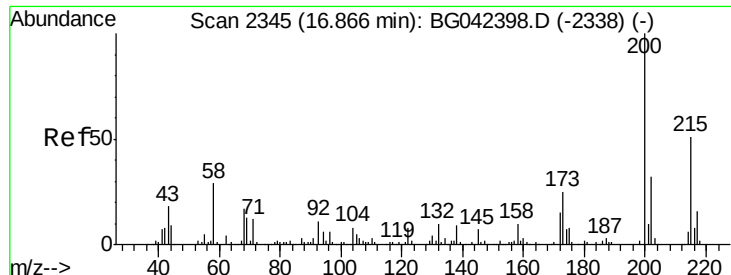
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#68
 Hexachlorobenzene
 Concen: 39.836 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:	284	Resp:	139487
Ion Ratio	Lower	Upper	
284	100		
142	23.4	18.2	27.4
249	31.1	25.0	37.4





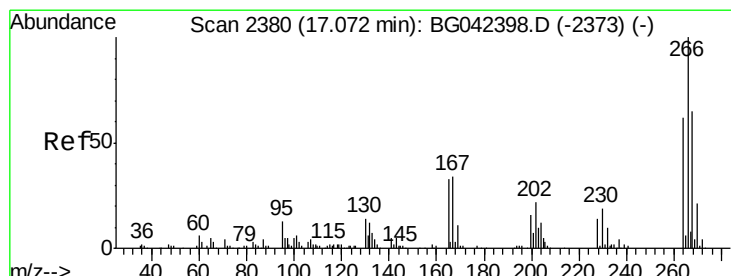
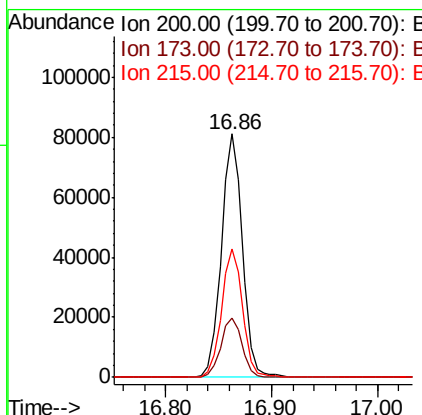
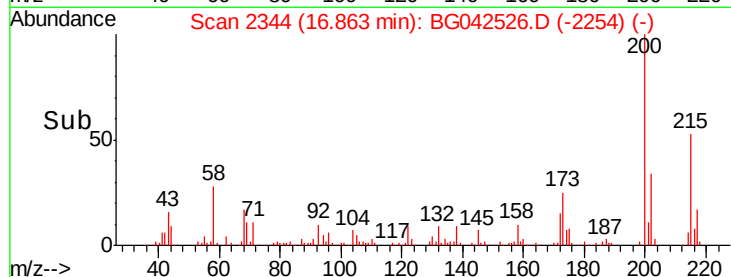
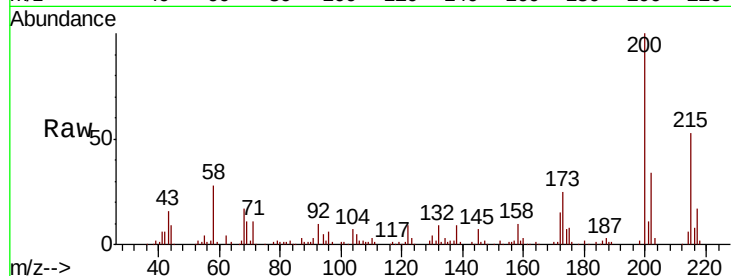
#69
 Atrazine
 Concen: 45.422 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.5	4.9	44.9
215	52.6	30.7	70.7

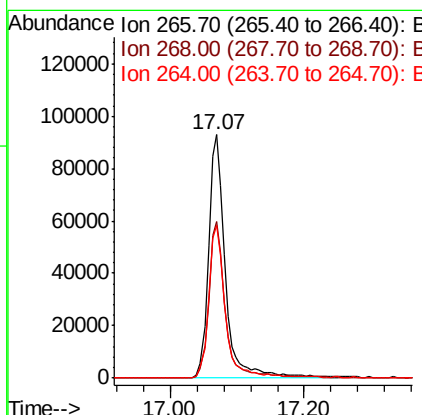
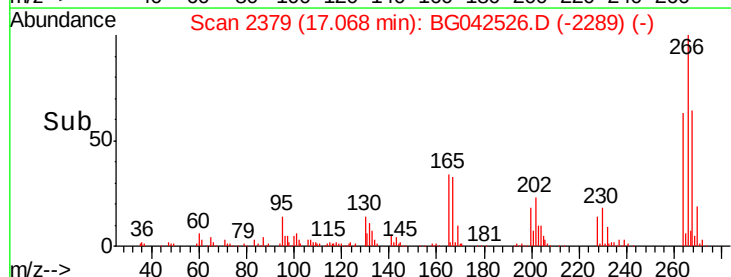
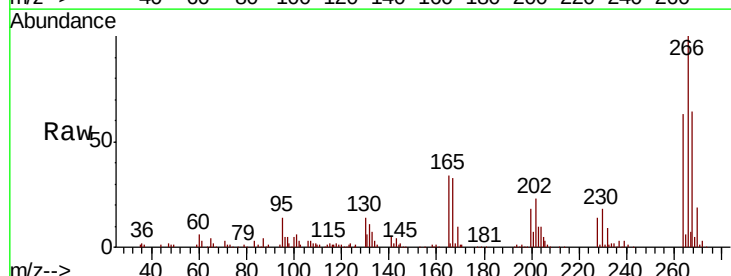
Manual Integrations
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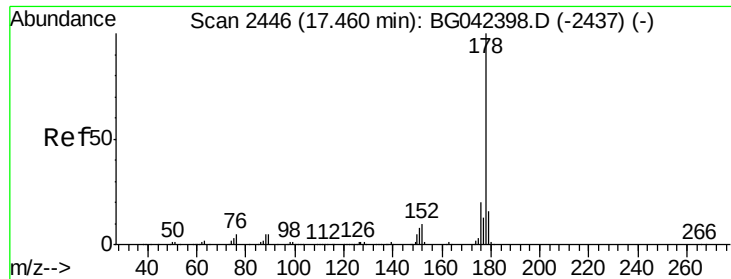
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#70
 Pentachlorophenol
 Concen: 89.932 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	52.1	78.1
264	62.6	49.4	74.2





#71

Phenanthrene

Concen: 43.304 ng

RT: 17.46 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

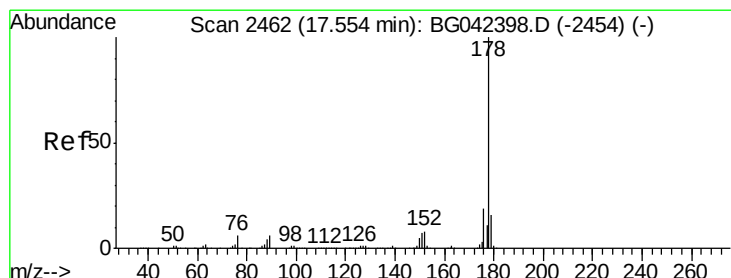
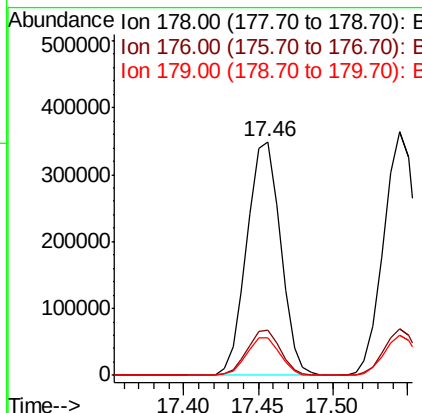
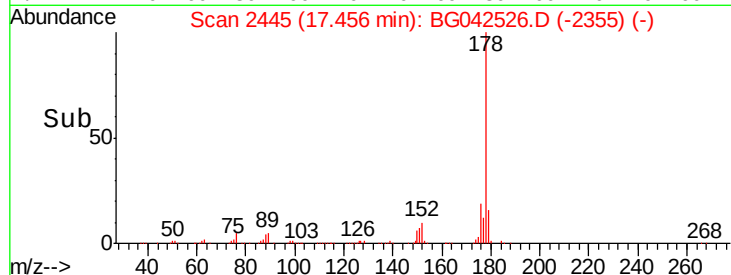
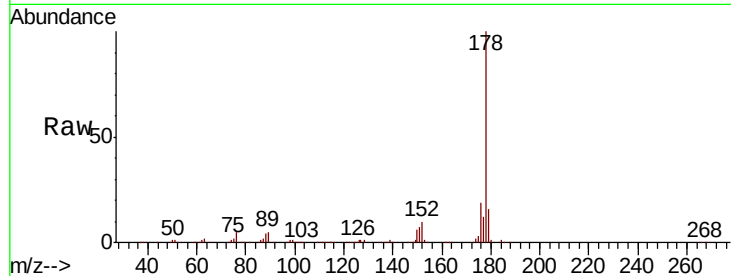
ClientSampleId :

PB122598BS

Tot Ion:	178	Resp:	546225
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.9	23.9
179	16.0	12.7	19.1

Manual Integrations
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#72

Anthracene

Concen: 44.878 ng

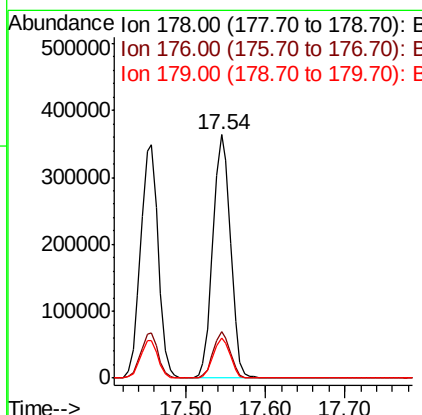
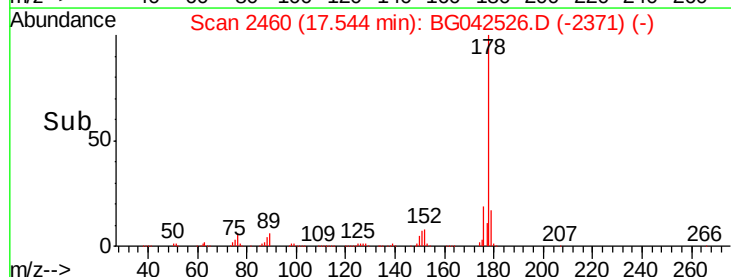
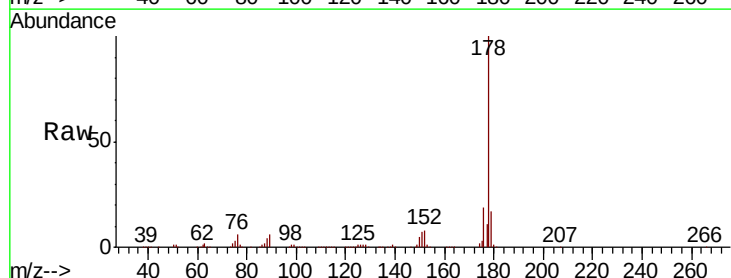
RT: 17.54 min Scan# 2460

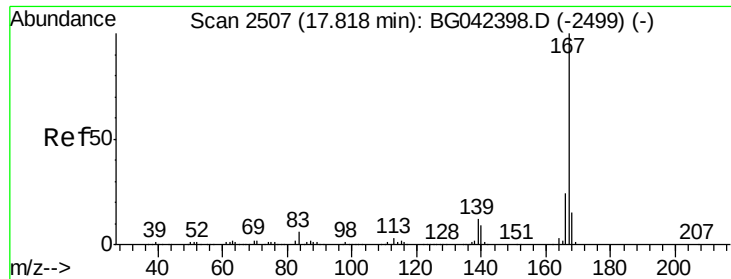
Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:	178	Resp:	565114
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.5	23.3
179	16.6	12.9	19.3





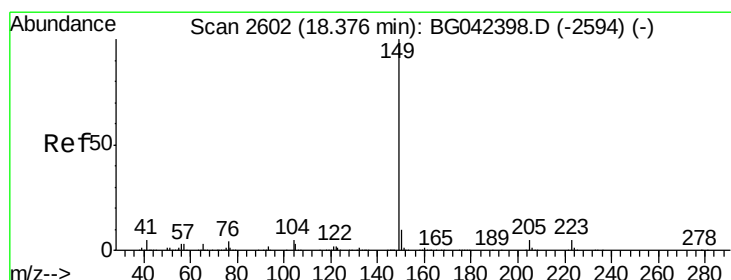
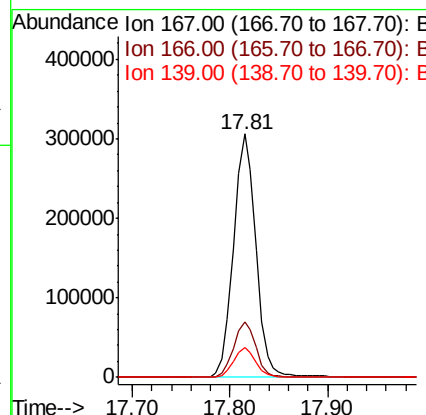
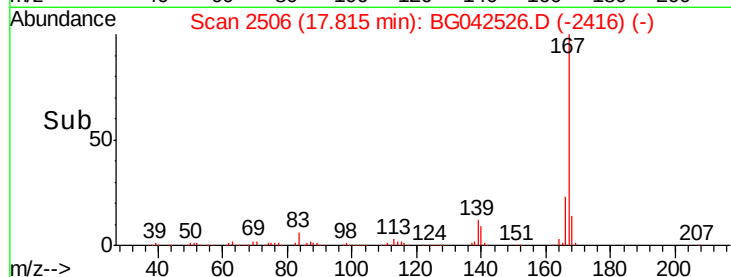
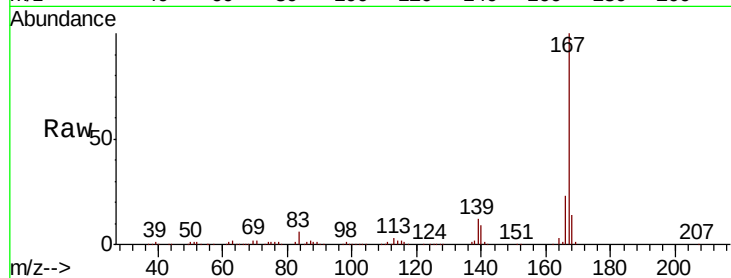
#73
 Carbazole
 Concen: 43.618 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	12.2	9.8	14.6

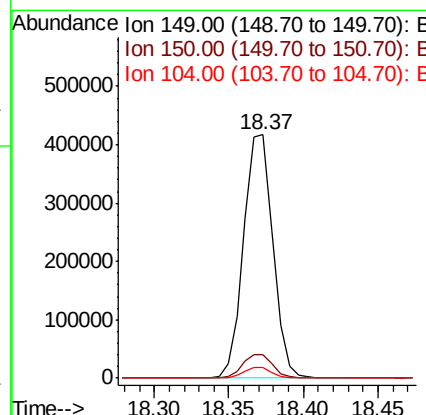
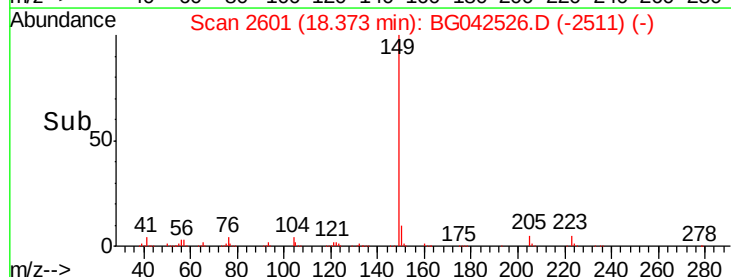
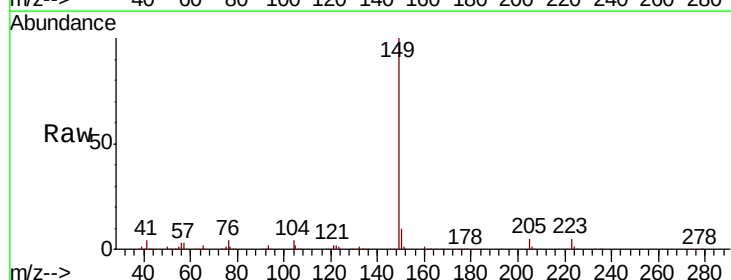
Manual Integrations
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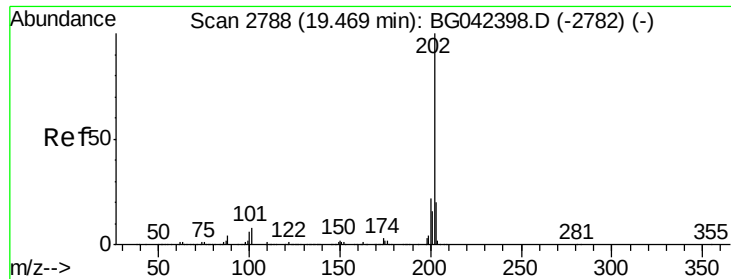
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#74
 Di-n-butylphthalate
 Concen: 42.916 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 46.871 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

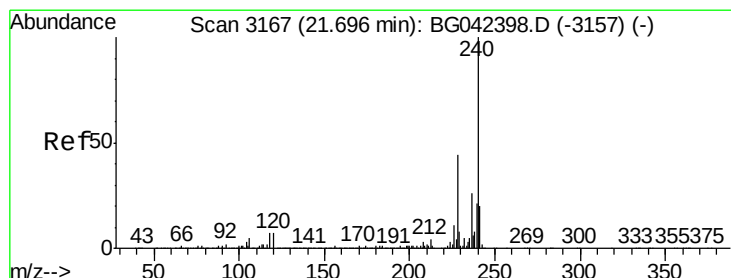
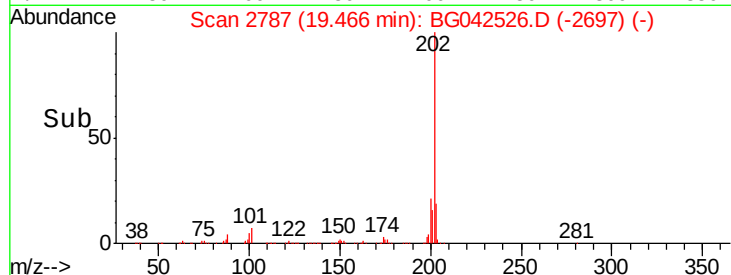
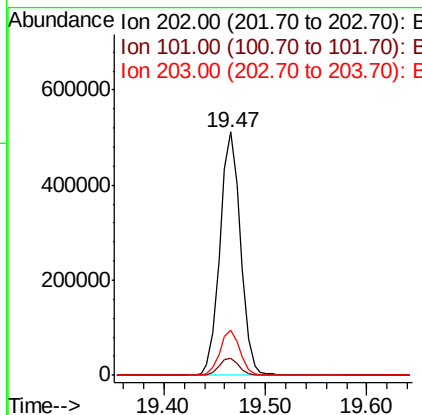
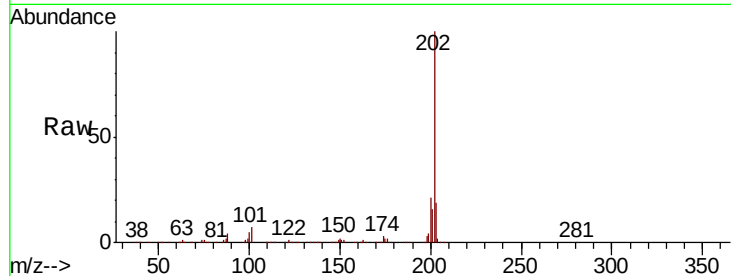
ClientSampleId :

PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		721534		
101	6.8	0.0	28.3		
203	18.6	0.0	39.6		

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#76

Chrysene-d12

Concen: 20.000 ng

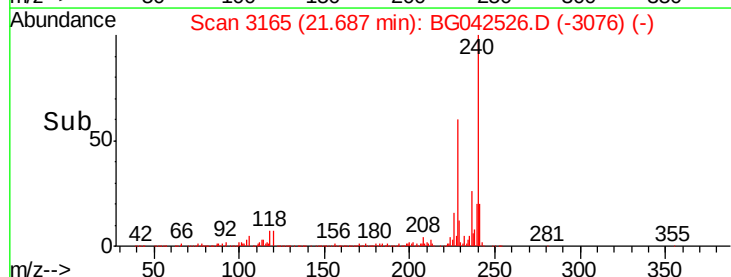
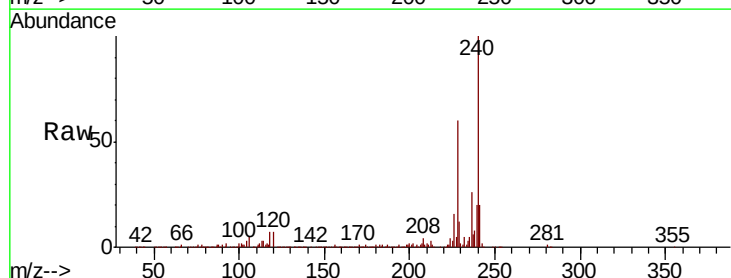
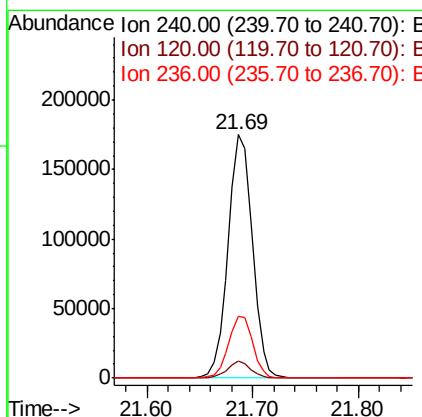
RT: 21.69 min Scan# 3165

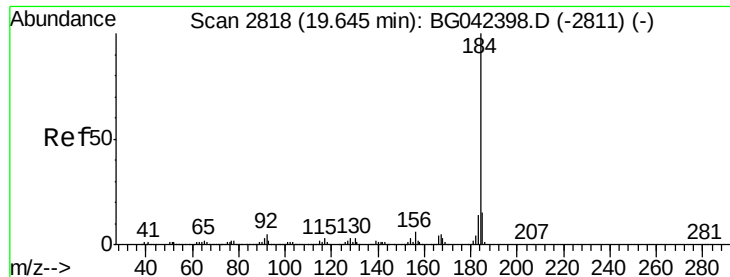
Delta R.T. -0.01 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		277855		
120	6.8	5.7	8.5		
236	25.6	21.0	31.4		





#77

Benzidine

Concen: 45.484 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

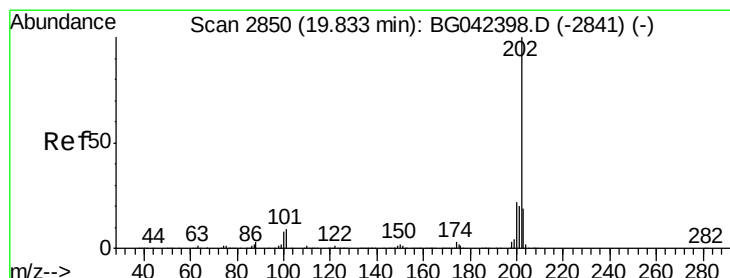
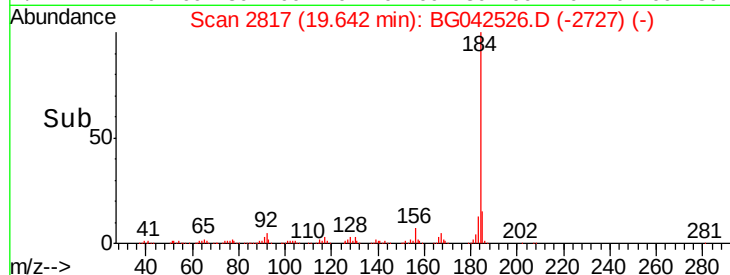
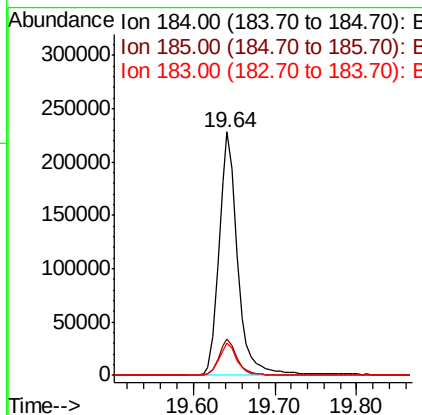
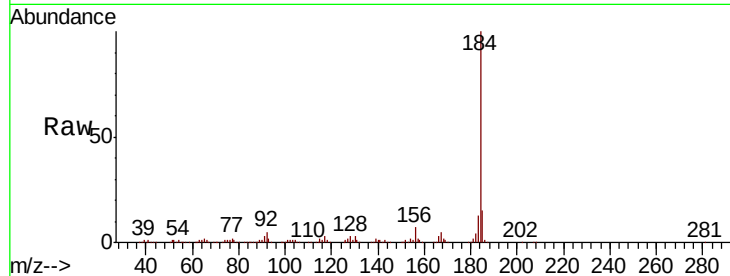
ClientSampleId :

PB122598BS

Tot Ion:	184	Resp:	362332
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.2	18.4
183	13.4	10.8	16.2

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#78

Pyrene

Concen: 43.033 ng

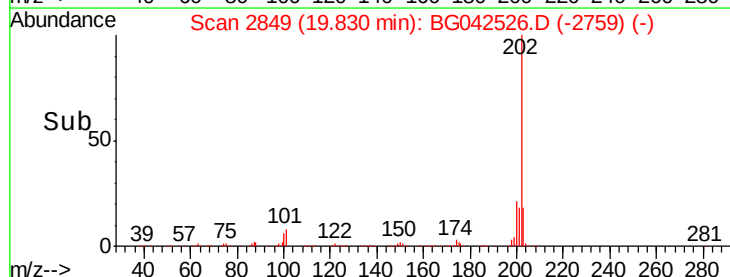
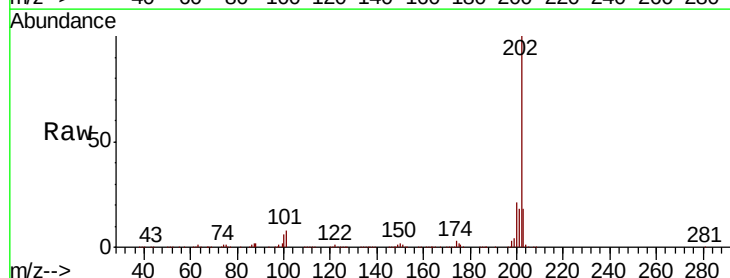
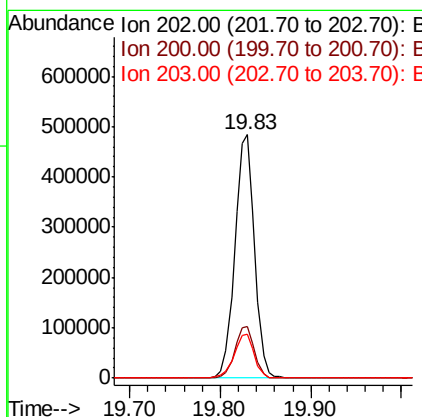
RT: 19.83 min Scan# 2849

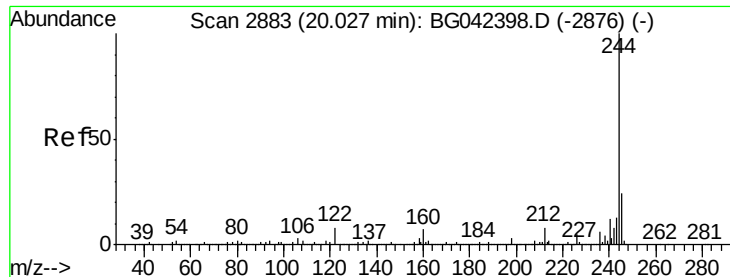
Delta R.T. -0.00 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Tgt Ion:	202	Resp:	733075
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.8	26.6
203	18.3	15.5	23.3





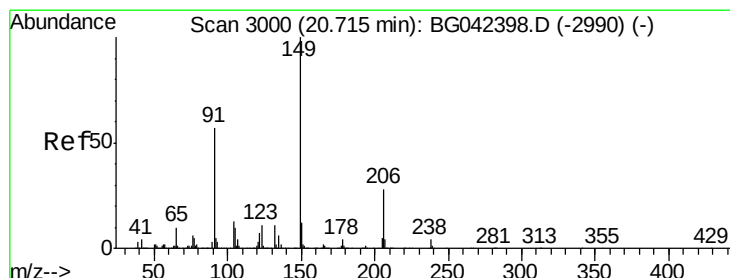
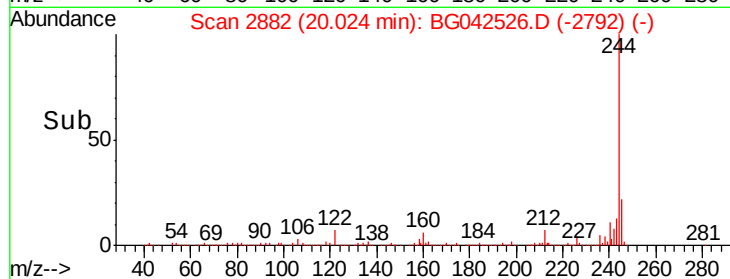
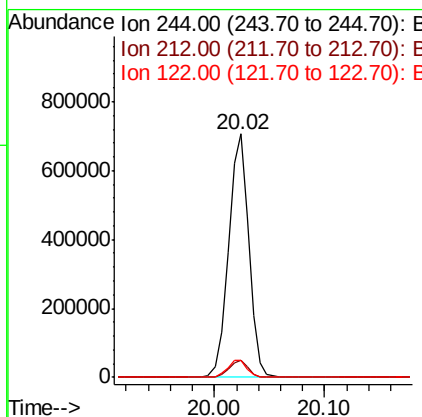
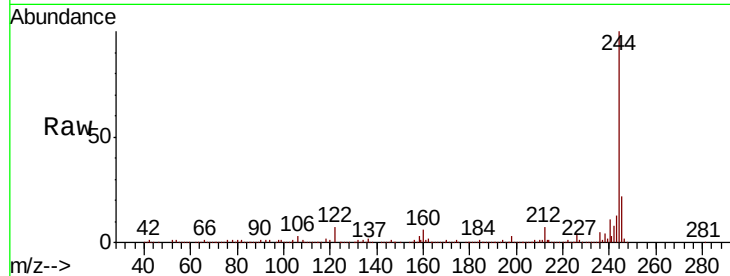
#79
 Terphenyl-d14
 Concen: 70.364 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PB122598BS

Tot Ion:	244	Resp:	904333
Ion Ratio		Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.0	6.7	10.1

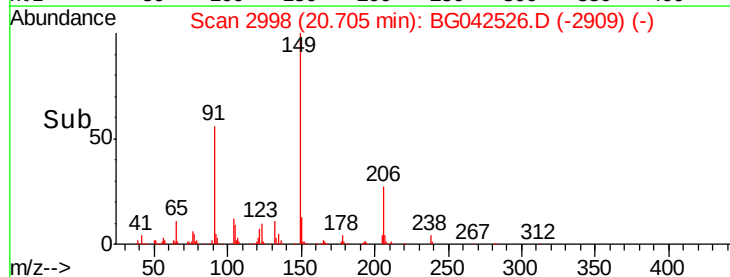
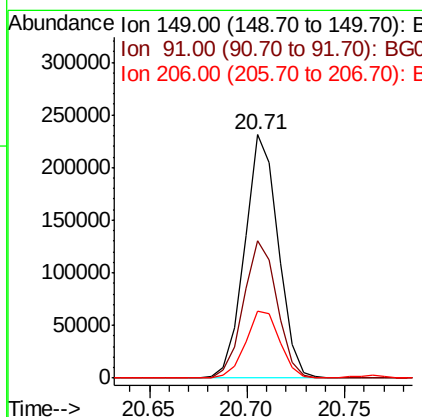
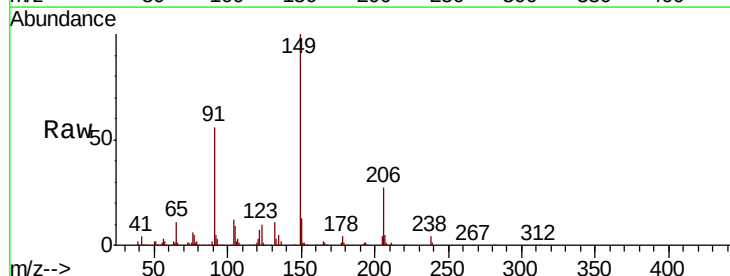
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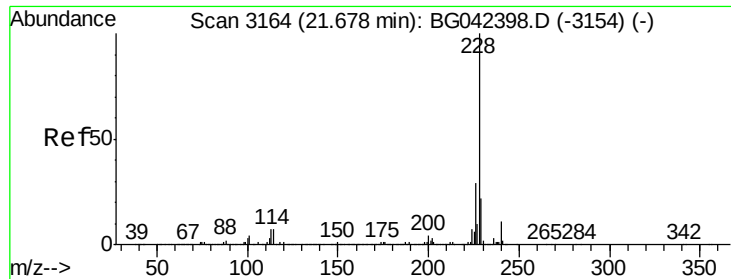
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#80
 Butylbenzylphthalate
 Concen: 41.061 ng
 RT: 20.71 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion:	149	Resp:	275122
Ion Ratio		Lower	Upper
149	100		
91	56.3	45.9	68.9
206	27.5	22.5	33.7





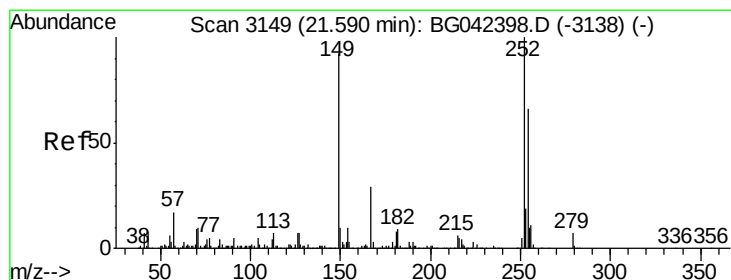
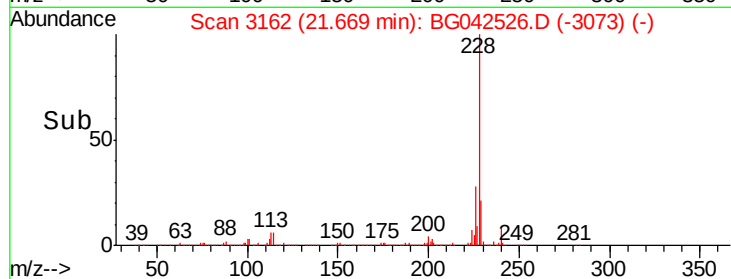
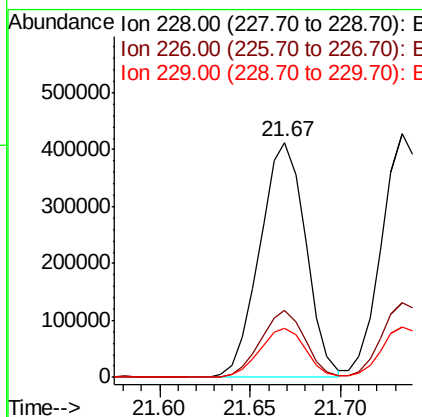
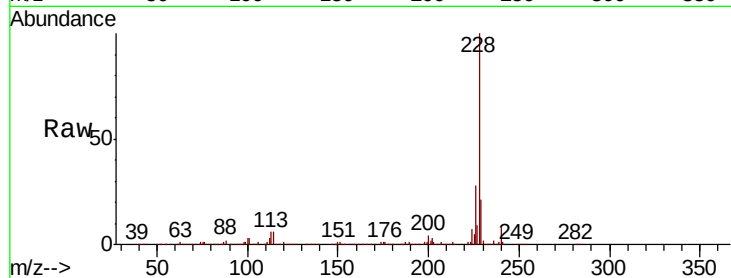
#81
Benzo(a)anthracene
Concen: 43.014 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampled :
PB122598BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.0	17.4	26.2

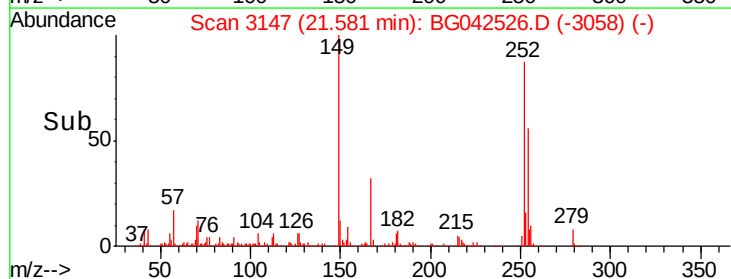
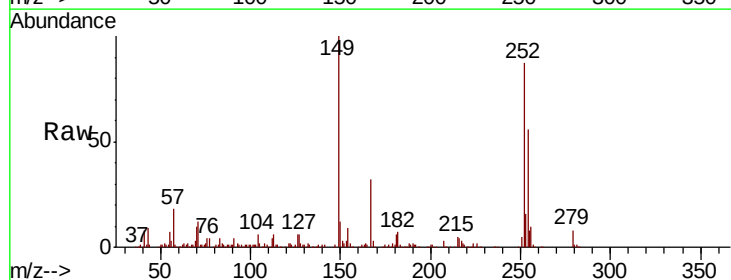
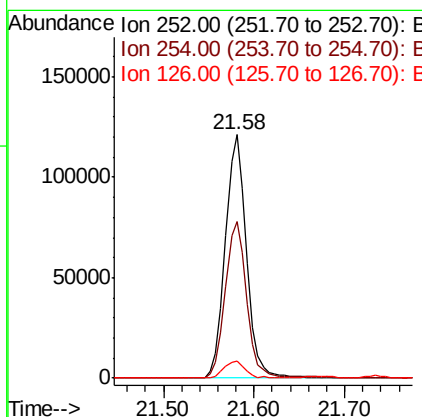
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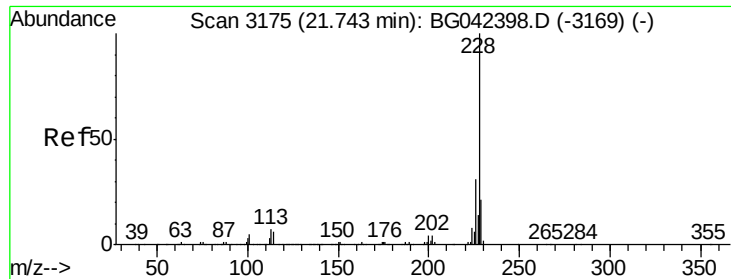
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#82
3,3'-Dichlorobenzidine
Concen: 29.024 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.0	79.4
126	7.2	5.7	8.5





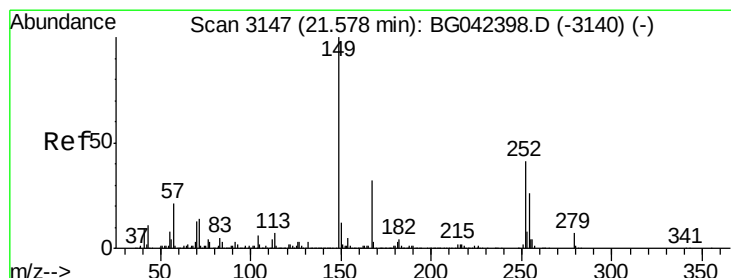
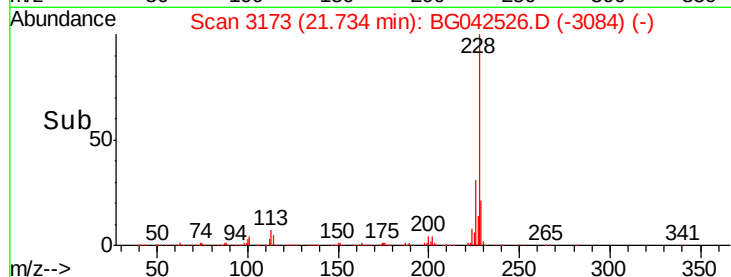
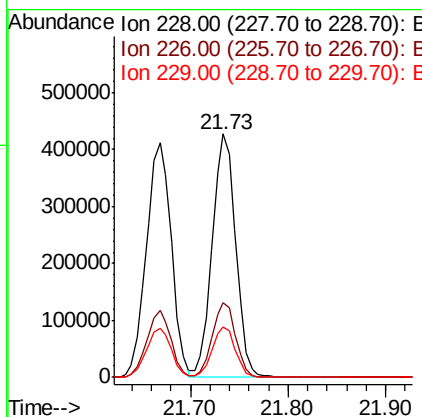
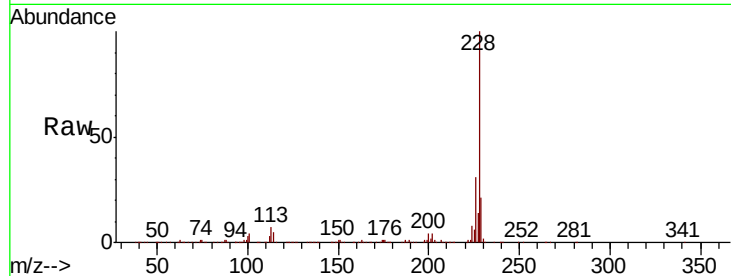
#83
 Chrysene
 Concen: 43.499 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleID :
 PB122598BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		709080		
226	30.7		24.9	37.3	
229	20.7		16.9	25.3	

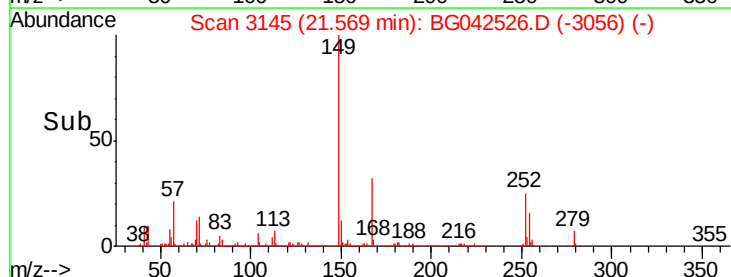
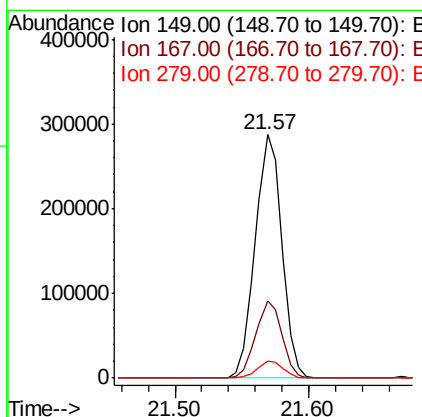
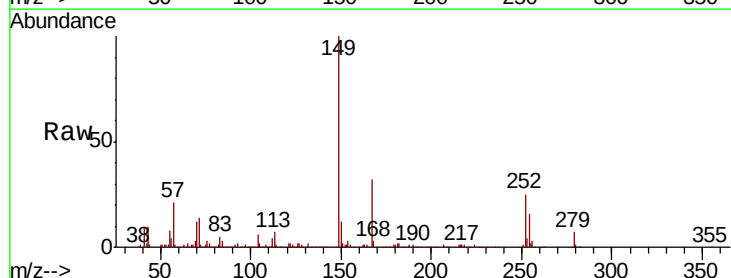
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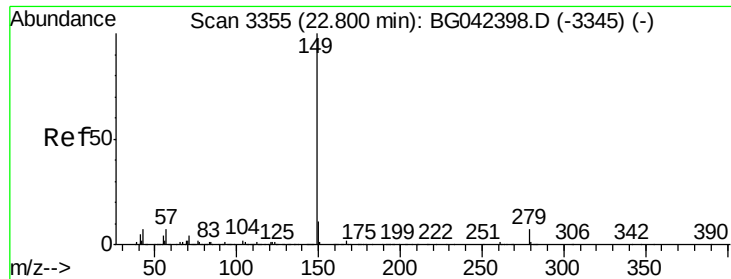
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.264 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042526.D
 Acq: 28 Aug 2019 9:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		393183		
167	31.6		26.0	39.0	
279	6.8		5.4	8.0	





#85

Di-n-octyl phthalate

Concen: 42.082 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042526.D

Acq: 28 Aug 2019 9:23

Instrument :

BNA_G

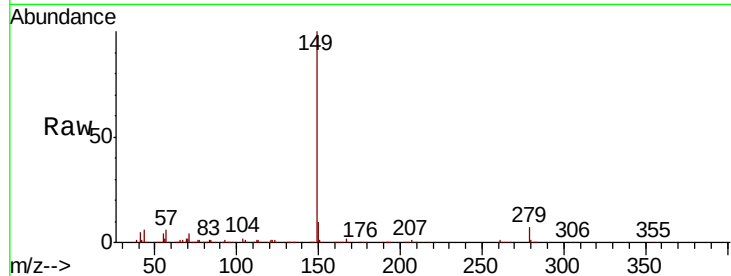
ClientSampled :

PB122598BS

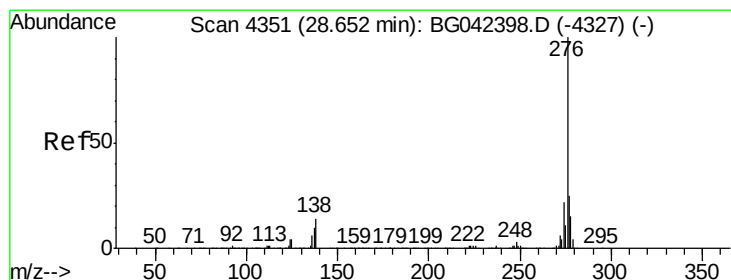
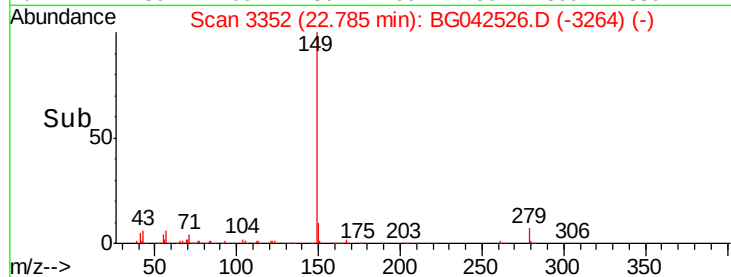
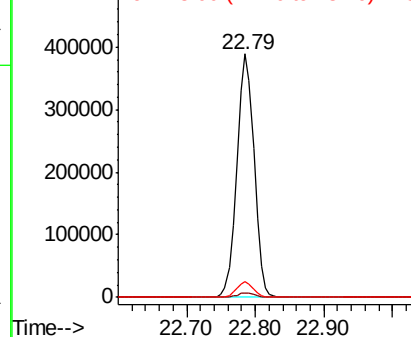
Tot Ion:	149	Resp:	673332
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9

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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: 41.558 ng

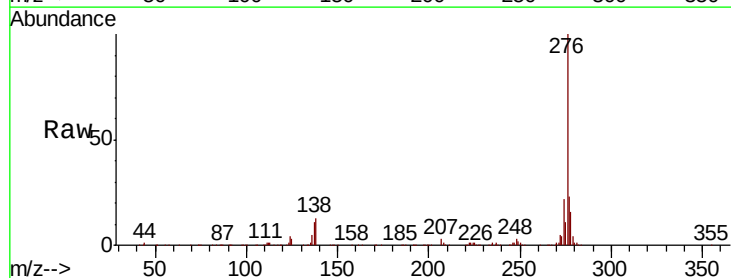
RT: 28.64 min Scan# 4348

Delta R.T. -0.02 min

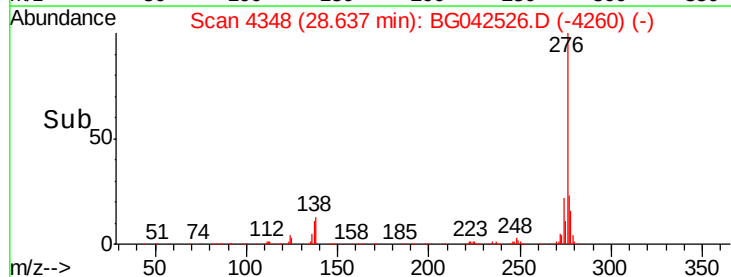
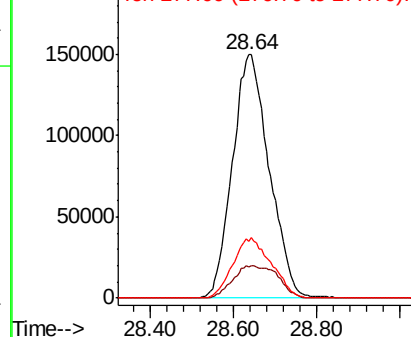
Lab File: BG042526.D

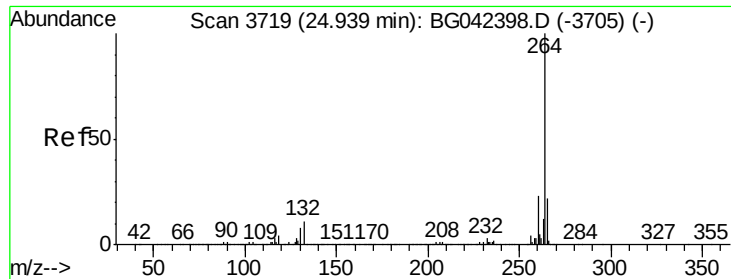
Acq: 28 Aug 2019 9:23

Tgt Ion:	276	Resp:	920610
Ion Ratio	Lower	Upper	
276	100		
138	16.2	9.2	13.8#
277	26.0	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





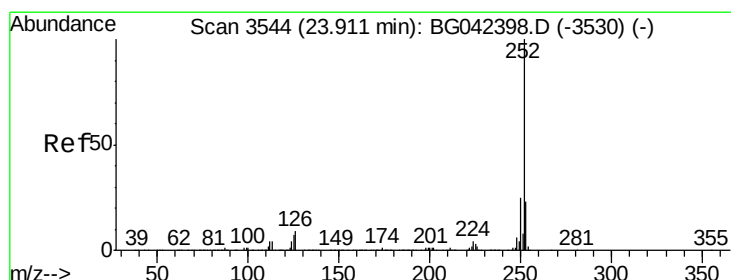
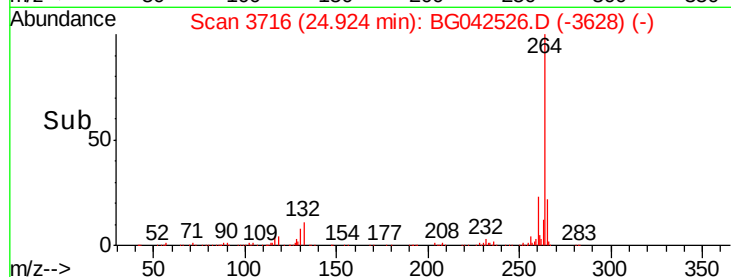
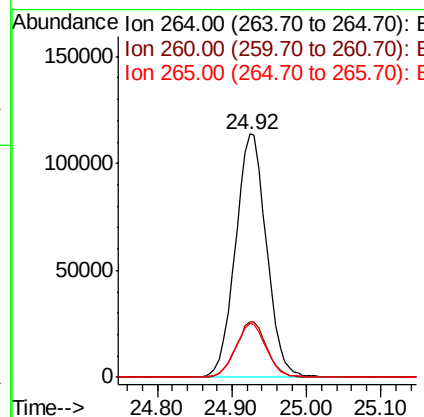
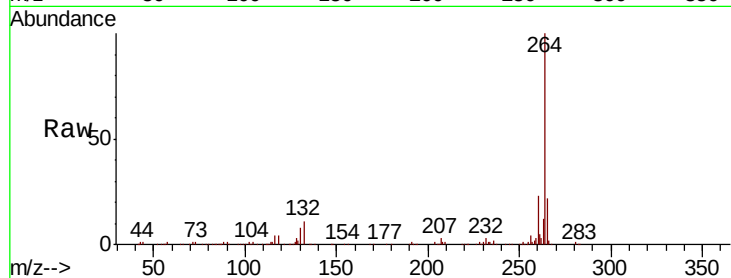
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.4	17.6	26.4

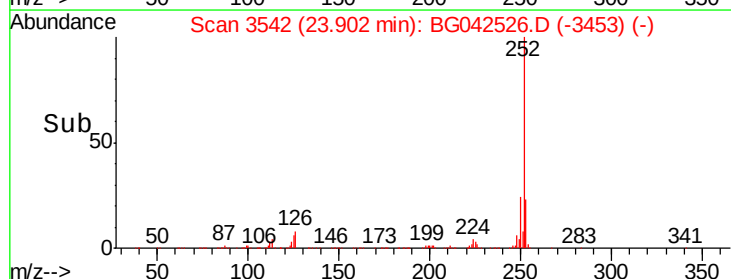
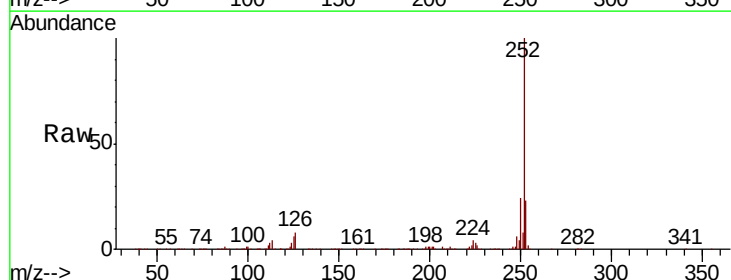
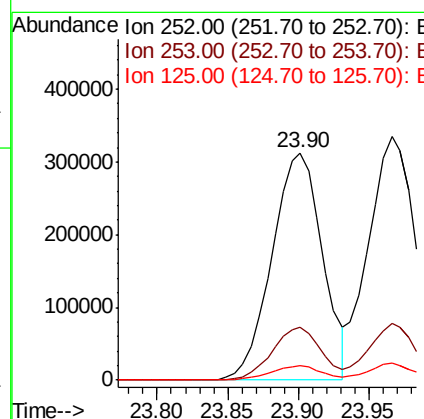
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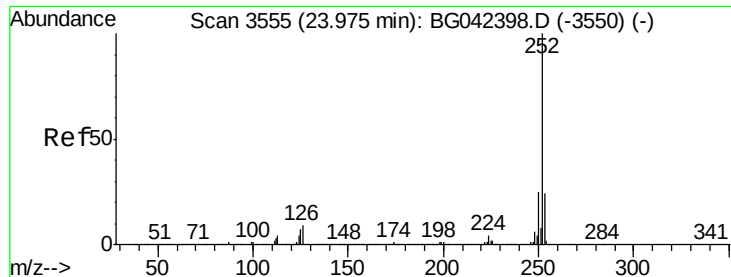
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#88
Benzo(b)fluoranthene
Concen: 43.249 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	6.3	5.6	8.4





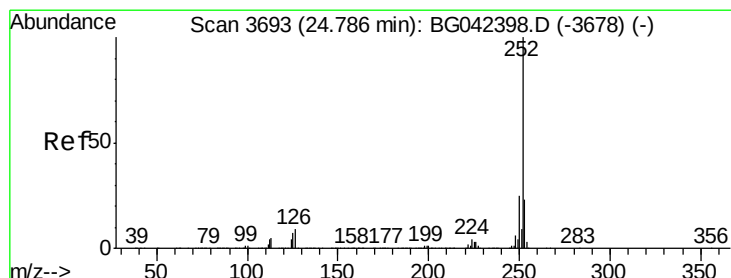
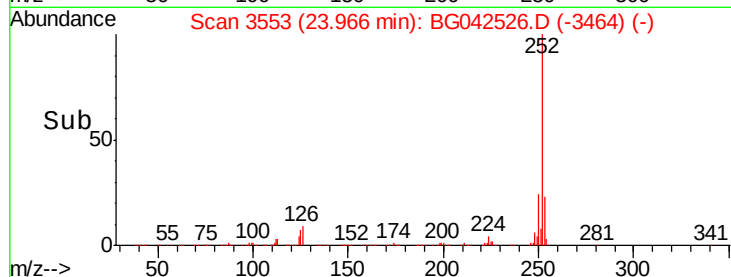
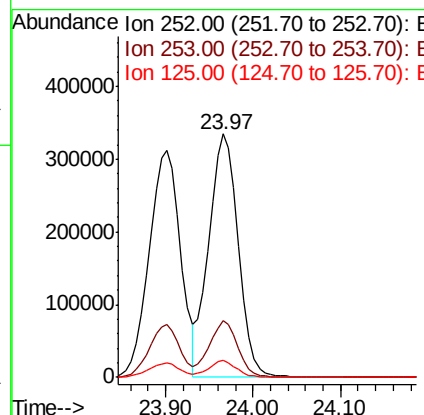
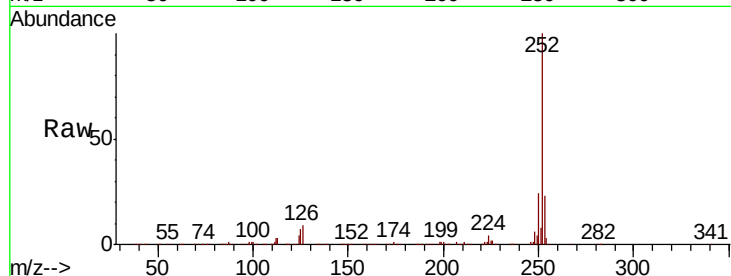
#89
Benzo(k)fluoranthene
Concen: 45.123 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	6.9	5.8	8.6

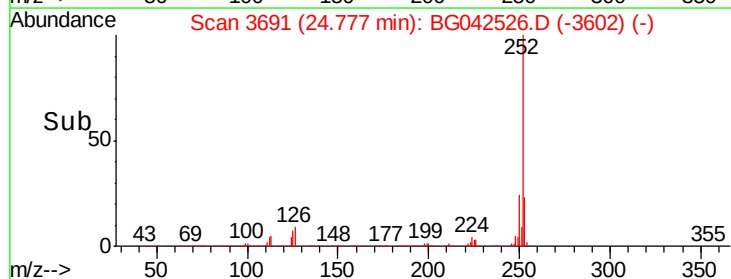
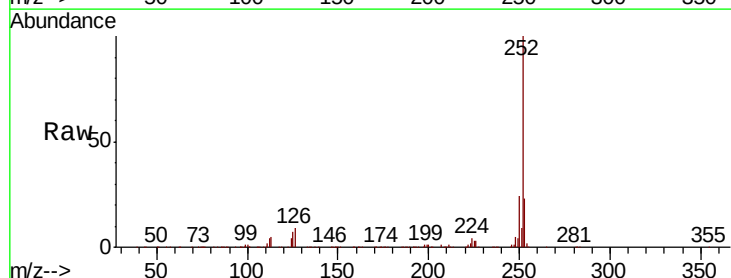
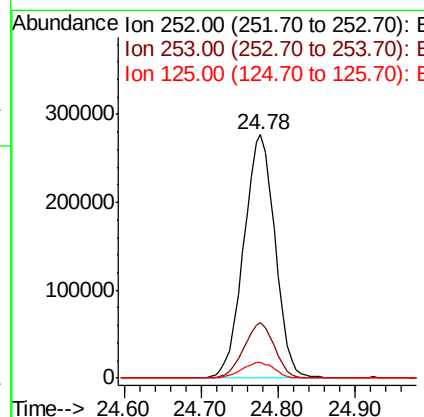
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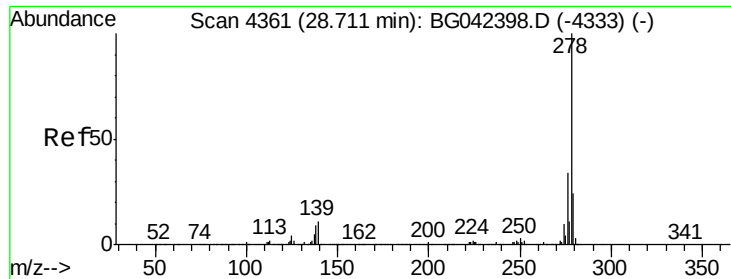
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#90
Benzo(a)pyrene
Concen: 46.000 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.7	6.0	9.0





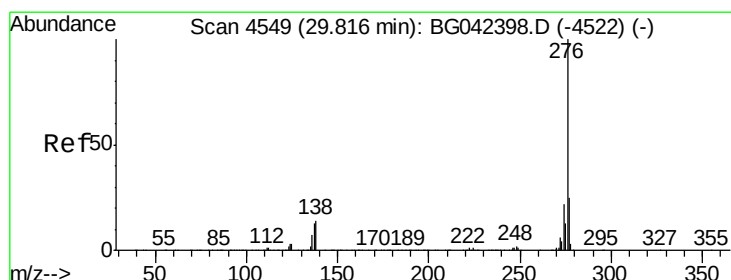
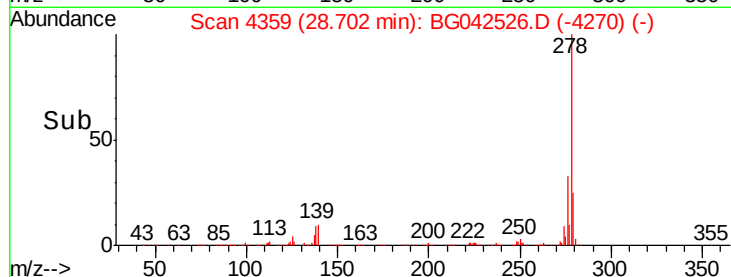
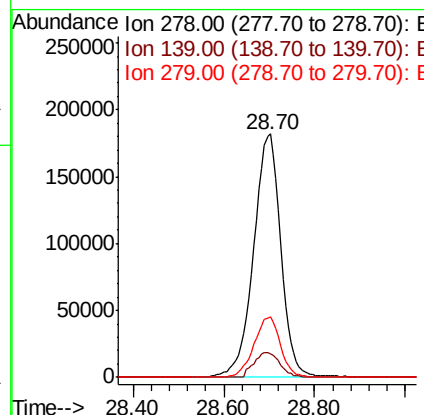
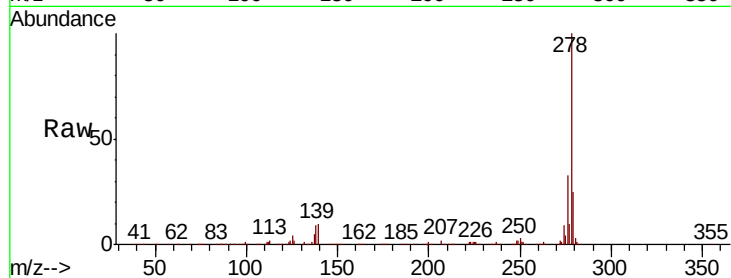
#91
Dibenzo(a,h)anthracene
Concen: 43.701 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
PB122598BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.8	13.2
279	25.1	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.416 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042526.D
Acq: 28 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.8	29.8
138	14.0	11.4	17.0

