

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042575.D
 Acq On : 29 Aug 2019 21:27
 Operator : HP/JU
 Sample : K4549-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:15 PM

Quant Time: Aug 30 05:57:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35072	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	132209	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96148	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223696	20.00	ng	0.00
76) Chrysene-d12	21.69	240	243346	20.00	ng	0.00
87) Perylene-d12	24.93	264	296263	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	253878	146.61	ng	0.00
7) Phenol-d6	7.17	99	340022	145.36	ng	0.00
23) Nitrobenzene-d5	9.17	82	192114	100.42	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	208086	152.27	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	559324	98.39	ng	0.00
79) Terphenyl-d14	20.02	244	992643	88.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	26144	36.177	ng	94
3) Pyridine	3.82	79	59835	32.289	ng	96
4) n-Nitrosodimethylamine	3.73	42	31799	48.045	ng	91
6) Aniline	7.31	93	98605	31.605	ng	99
8) 2-Chlorophenol	7.57	128	105830	50.427	ng	99
9) Benzaldehyde	7.12	77	58496	49.951	ng	96
10) Phenol	7.20	94	125410	52.731	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	84538	45.260	ng	98
12) 1,3-Dichlorobenzene	7.89	146	121372	45.461	ng	99
13) 1,4-Dichlorobenzene	8.04	146	122524	45.307	ng	98
14) 1,2-Dichlorobenzene	8.35	146	117268	45.281	ng	98
15) Benzyl Alcohol	8.24	79	81665	48.527	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	107854	42.603	ng	98
17) 2-Methylphenol	8.45	107	84207	48.070	ng	93
18) Hexachloroethane	9.09	117	41176	44.476	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	66134	43.641	ng	93
20) 3+4-Methylphenols	8.78	107	115040	47.459	ng	98
22) Acetophenone	8.82	105	147161	52.042	ng	97
24) Nitrobenzene	9.21	77	98500	50.842	ng	99
25) Isophorone	9.73	82	183166	48.511	ng	100
26) 2-Nitrophenol	9.93	139	63933	52.659	ng	95
27) 2,4-Dimethylphenol	9.99	122	97287	58.172	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	114319	48.038	ng	98
29) 2,4-Dichlorophenol	10.47	162	120729	55.175	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	137383	51.153	ng	96
31) Naphthalene	10.87	128	314580	51.250	ng	99
32) Benzoic acid	10.16	122	57148m	47.240	ng	
33) 4-Chloroaniline	10.98	127	54788	19.336	ng	95
34) Hexachlorobutadiene	11.16	225	92661	51.336	ng	98
35) Caprolactam	11.76	113	35897m	49.166	ng	
36) 4-Chloro-3-methylphenol	12.11	107	109273	52.607	ng	99
37) 2-Methylnaphthalene	12.48	142	253356	51.405	ng	99
38) 1-Methylnaphthalene	12.70	142	236856	50.593	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	171820	55.647	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	179526	110.688	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	111194	53.278	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	119441	55.226	nq	97
46) 1,1'-Biphenyl	13.49	154	330331	53.150	nq	99
47) 2-Chloronaphthalene	13.53	162	275296	51.370	nq	99
48) 2-Nitroaniline	13.73	65	61673	47.724	nq	99
49) Acenaphthylene	14.38	152	427418	53.013	nq	99
50) Dimethylphthalate	14.11	163	431469	62.194	nq	99
51) 2,6-Dinitrotoluene	14.23	165	83958	52.211	nq	95
52) Acenaphthene	14.72	154	249296	50.922	nq	98
53) 3-Nitroaniline	14.56	138	46440	28.877	nq	99
54) 2,4-Dinitrophenol	14.78	184	104536	95.151	nq	99
55) Dibenzofuran	15.06	168	430674	53.145	nq	99
56) 4-Nitrophenol	14.89	139	123582	108.145	nq	95
57) 2,4-Dinitrotoluene	15.03	165	117591	51.067	nq	97
58) Fluorene	15.71	166	348756	52.647	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	120358m	56.273	nq	
60) Diethylphthalate	15.47	149	336964	49.687	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	208239	52.148	nq	98
62) 4-Nitroaniline	15.73	138	85818	49.860	nq	94
63) Azobenzene	15.99	77	232752	50.086	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	81865	58.372	nq	98
66) n-Nitrosodiphenylamine	15.91	169	324237	52.706	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	147180	51.871	nq	98
68) Hexachlorobenzene	16.73	284	155061	50.271	nq	99
69) Atrazine	16.87	200	125027	57.471	nq	97
70) Pentachlorophenol	17.07	266	190911	119.121	nq	98
71) Phenanthrene	17.45	178	594405	53.495	nq	99
72) Anthracene	17.55	178	609689	54.964	nq	99
73) Carbazole	17.81	167	539386	54.560	nq	98
74) Di-n-butylphthalate	18.37	149	619644	53.023	nq	100
75) Fluoranthene	19.47	202	779255	57.465	nq	97
77) Benzidine	19.65	184	385233	55.216	nq	98
78) Pyrene	19.83	202	784624	52.591	nq	100
80) Butylbenzylphthalate	20.71	149	287810	49.046	nq	99
81) Benzo(a)anthracene	21.67	228	787320	53.186	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	244635	41.090	nq	97
83) Chrysene	21.74	228	764636	53.559	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	420088	51.560	nq	99
85) Di-n-octyl phthalate	22.79	149	727927	51.946	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1032662	53.227	nq	# 98
88) Benzo(b)fluoranthene	23.91	252	887710	54.503	nq	99
89) Benzo(k)fluoranthene	23.98	252	843998	53.910	nq	99
90) Benzo(a)pyrene	24.79	252	866500	56.065	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	851110	54.388	nq	98
92) Benzo(g,h,i)perylene	29.82	276	862501	55.108	nq	98

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

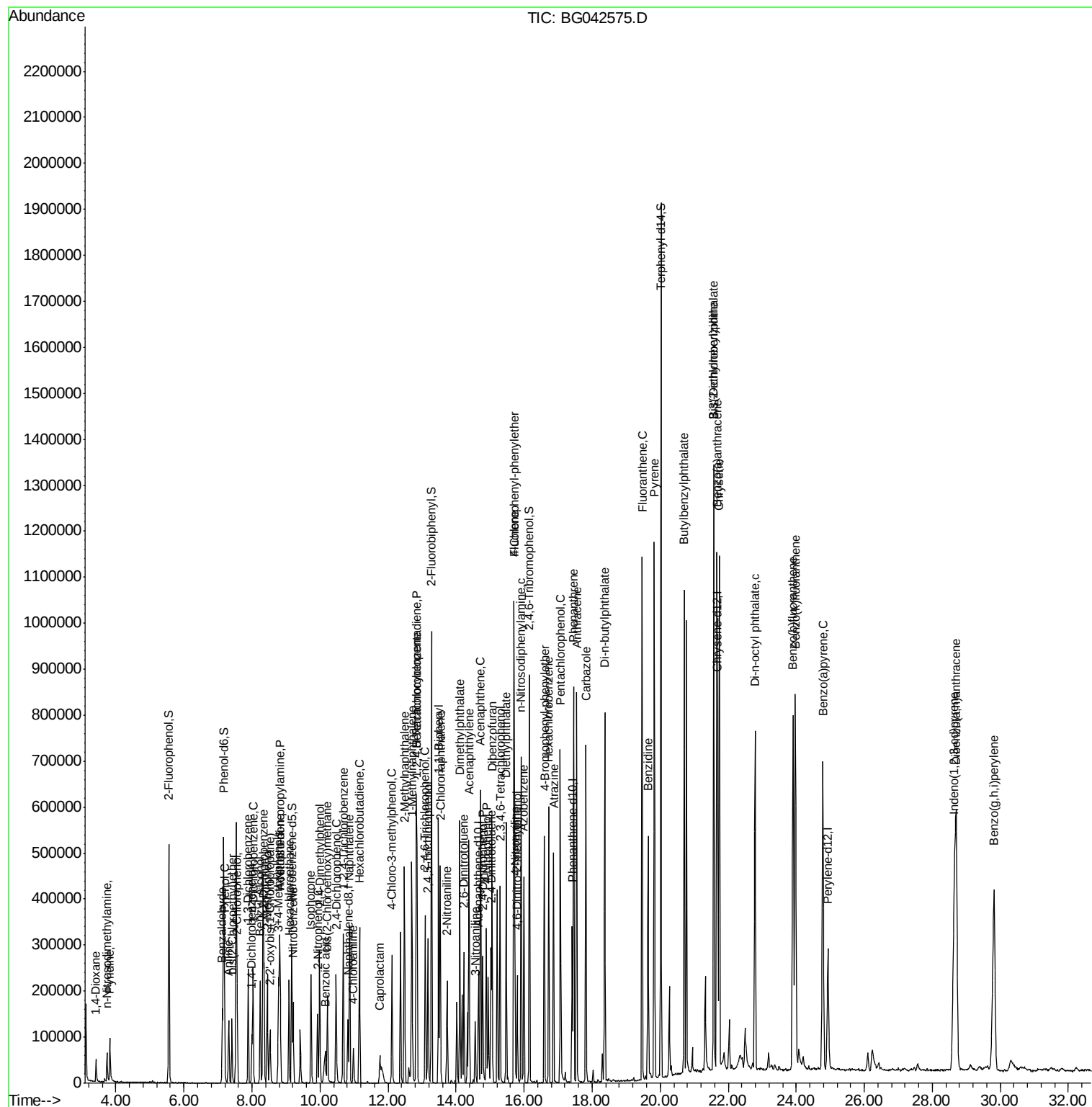
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#1

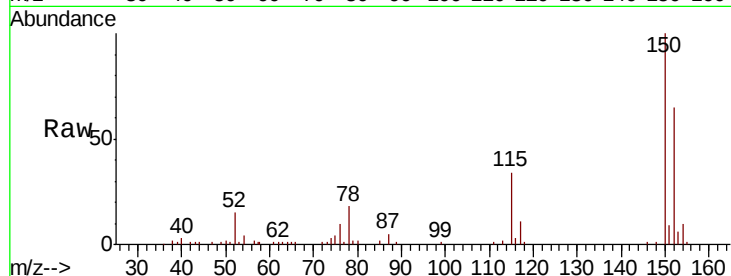
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.4	188.0
115	52.5	38.5	57.7

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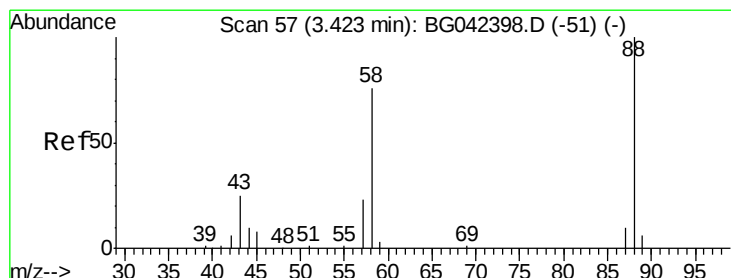
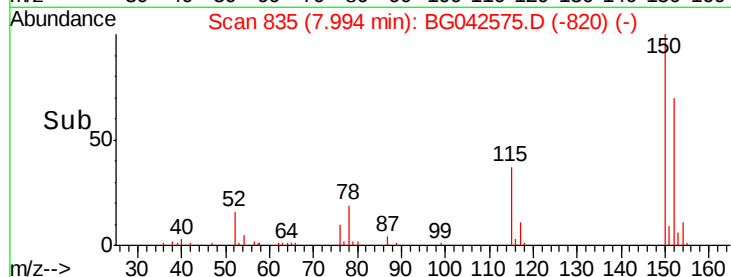
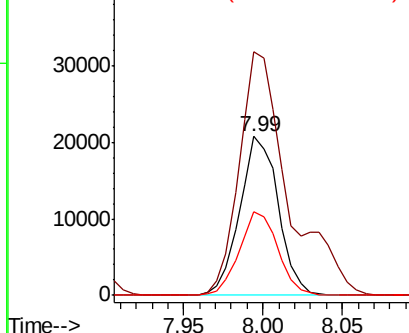


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

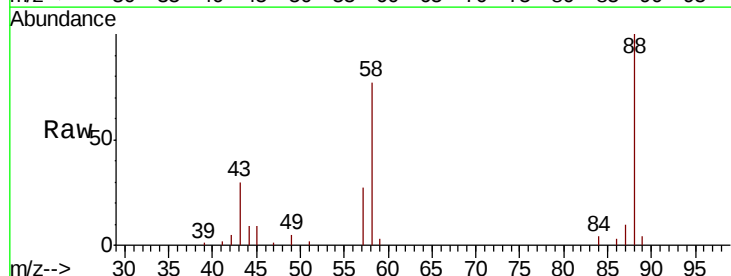
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.177 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	58.3	87.5
43	25.6	20.2	30.2

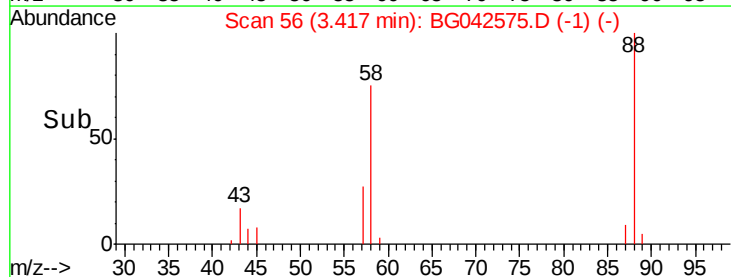
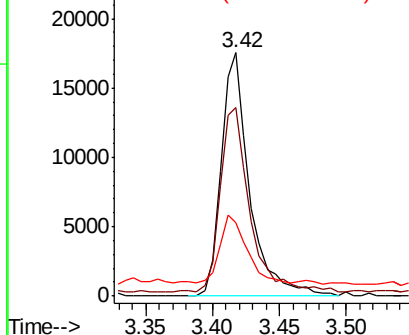


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.289 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

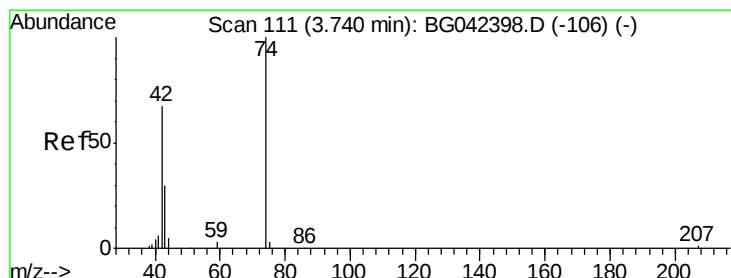
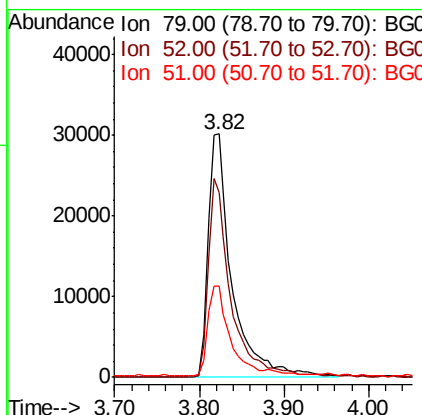
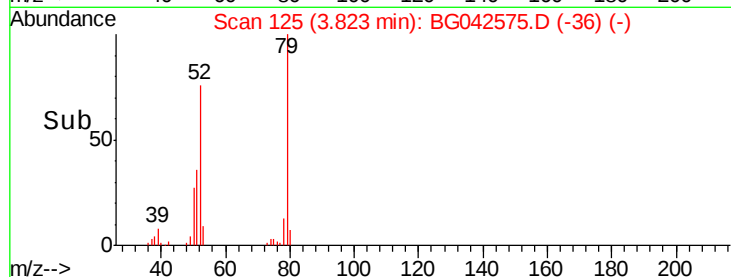
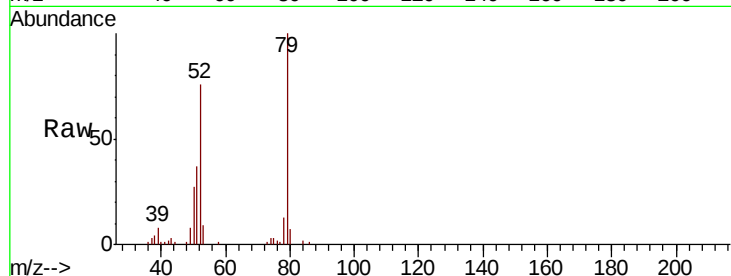
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion:	79	Resp:	59835
Ion Ratio	Lower	Upper	
79	100		
52	76.1	57.7	86.5
51	37.3	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 48.045 ng

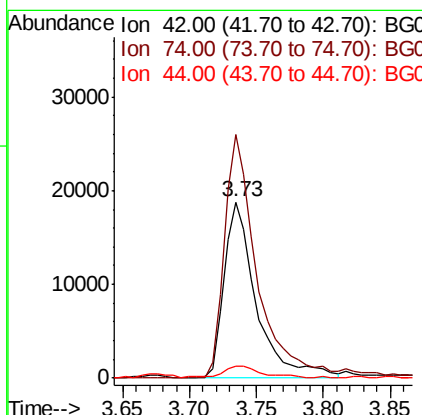
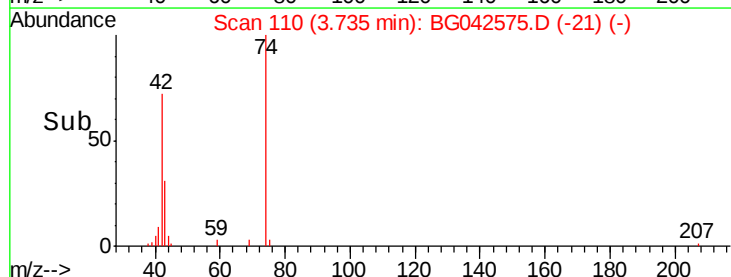
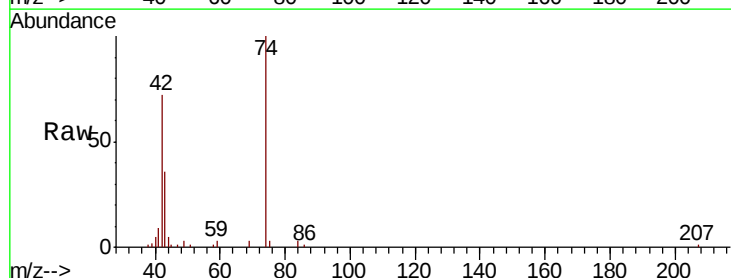
RT: 3.73 min Scan# 110

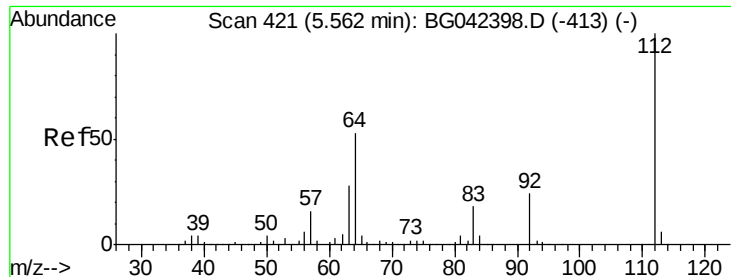
Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:	42	Resp:	31799
Ion Ratio	Lower	Upper	
42	100		
74	138.2	119.6	179.4
44	6.7	6.5	9.7





#5

2-Fluorophenol

Concen: 146.606 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

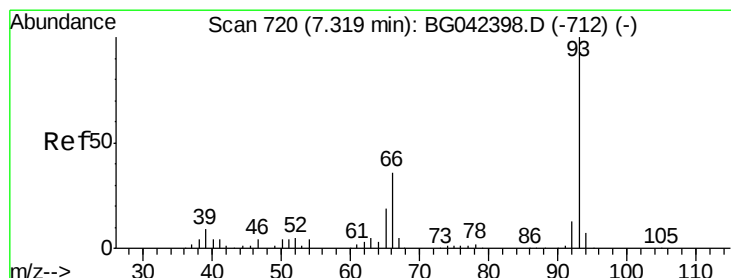
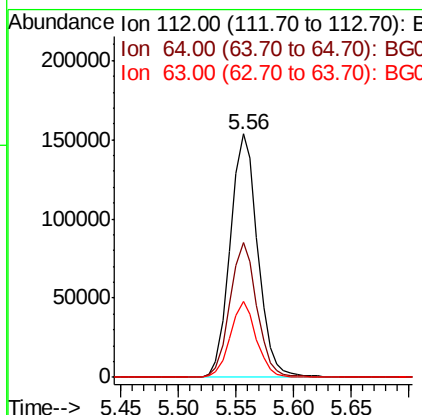
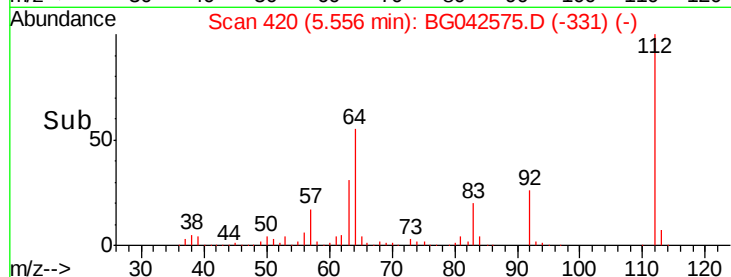
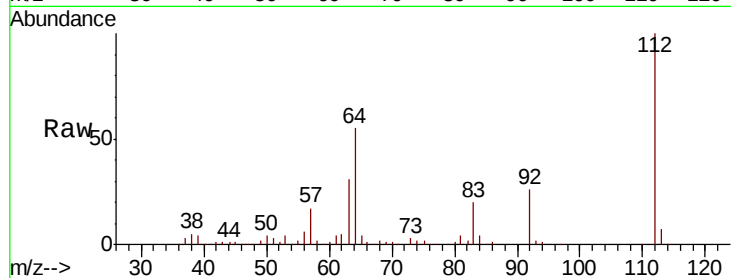
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion:	112	Resp:	253878
Ion Ratio	Lower	Upper	
112	100		
64	55.5	42.8	64.2
63	31.0	22.7	34.1

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#6

Aniline

Concen: 31.605 ng

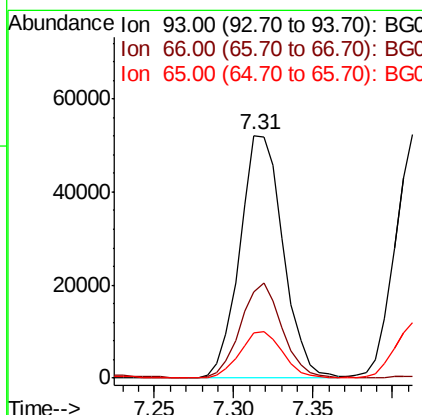
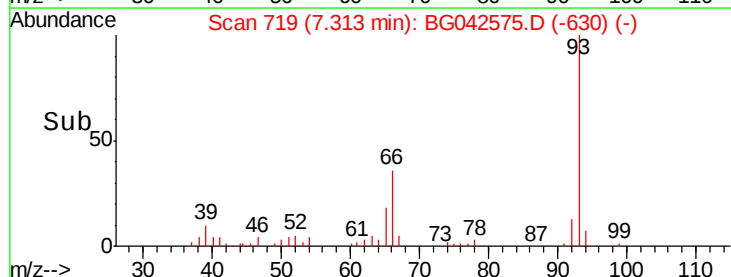
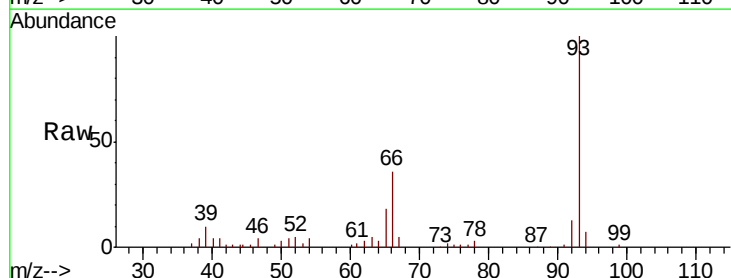
RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:	93	Resp:	98605
Ion Ratio	Lower	Upper	
93	100		
66	35.8	29.0	43.6
65	18.4	15.2	22.8





#7

Phenol-d6

Concen: 145.362 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

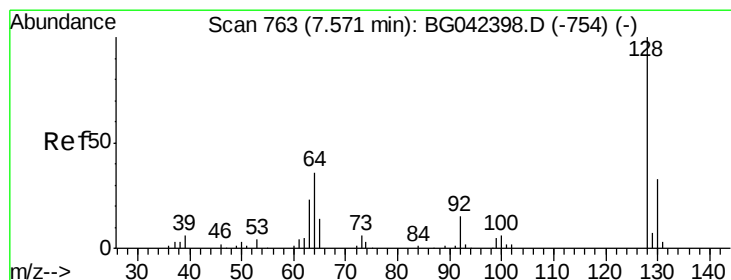
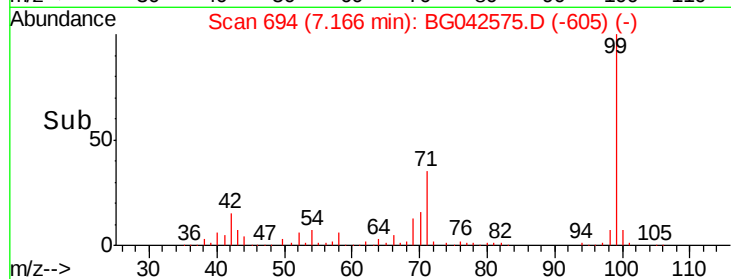
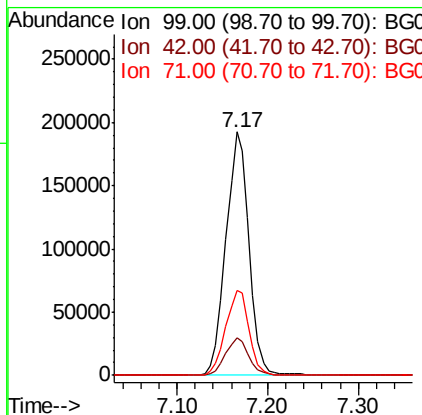
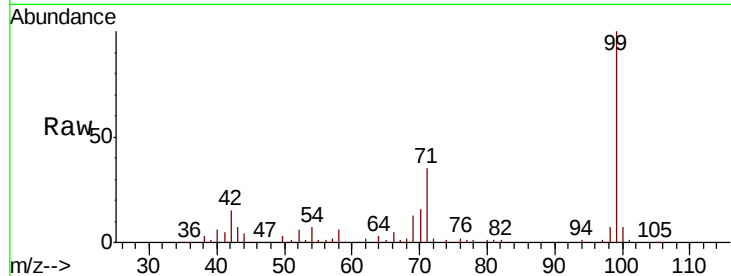
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion:	99	Resp:	340022
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.0	18.0
71	34.9	26.3	39.5

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#8

2-Chlorophenol

Concen: 50.427 ng

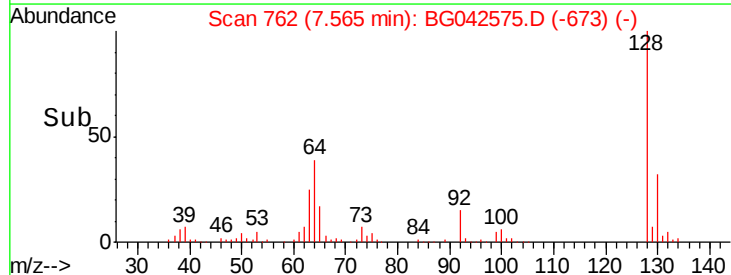
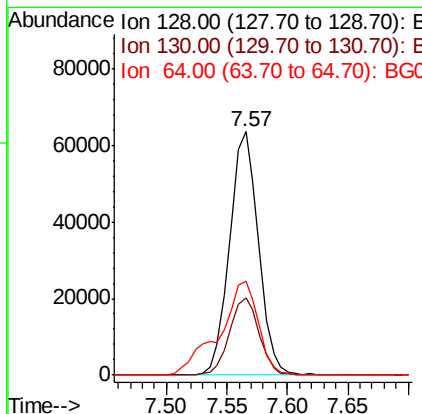
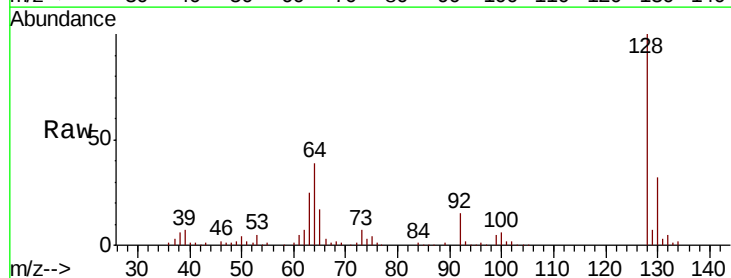
RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:	128	Resp:	105830
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.8	52.8
64	38.6	19.2	59.2





#9

Benzaldehyde

Concen: 49.951 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

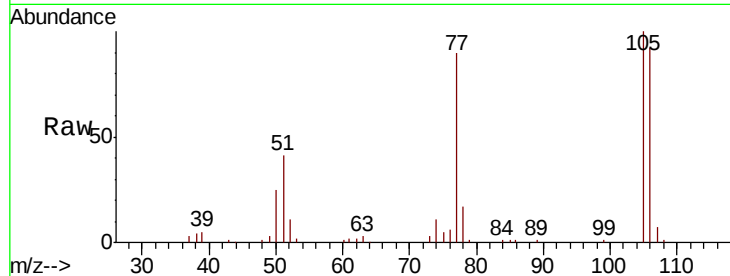
ClientSampleId :

S700A-N-1.0-1.5-082619MS

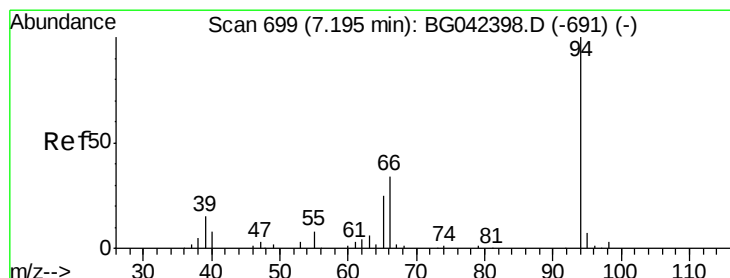
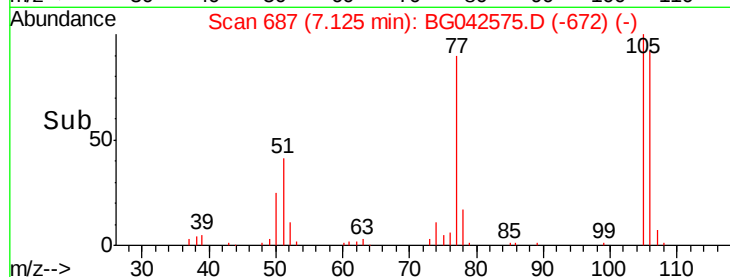
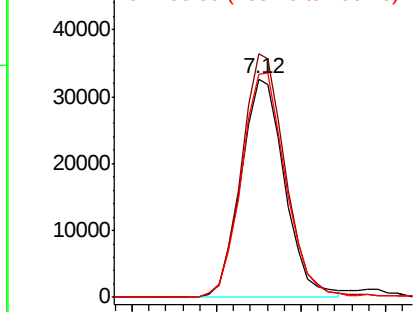
Tot Ion:	77	Resp:	58496
Ion	Ratio	Lower	Upper
77	100		
105	111.6	93.4	133.4
106	102.4	88.4	128.4

Manual Integrations
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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: 52.731 ng

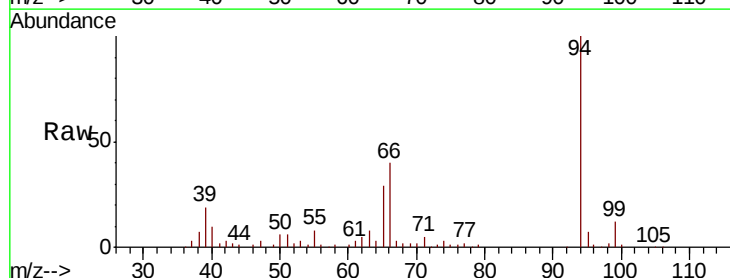
RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

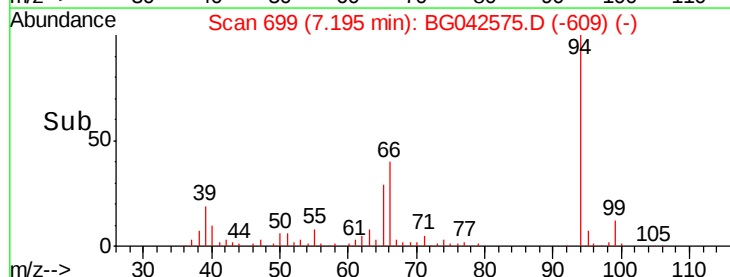
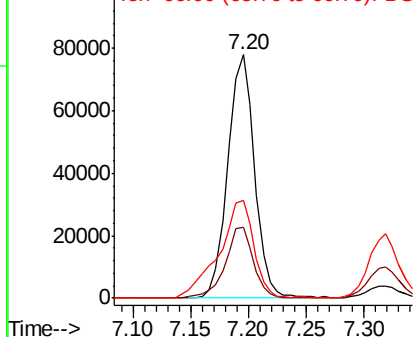
Lab File: BG042575.D

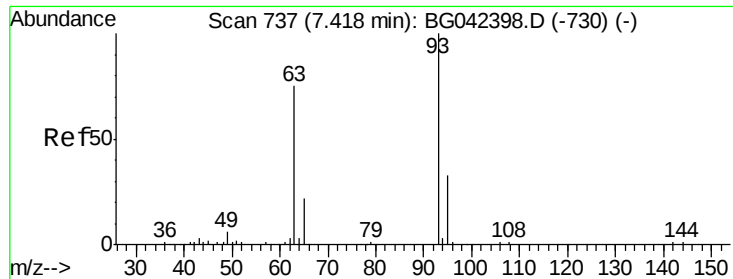
Acq: 29 Aug 2019 21:27

Tgt Ion:	94	Resp:	125410
Ion	Ratio	Lower	Upper
94	100		
65	28.9	5.6	45.6
66	40.0	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





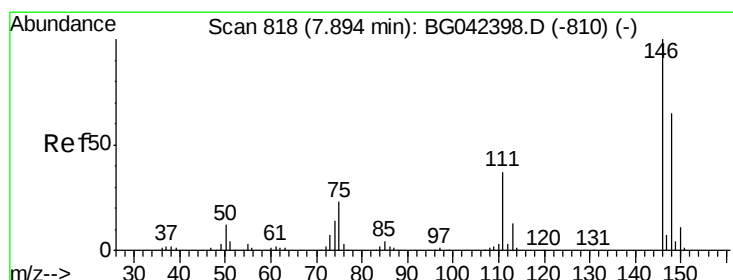
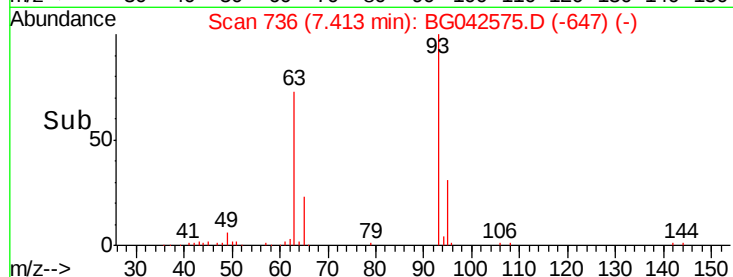
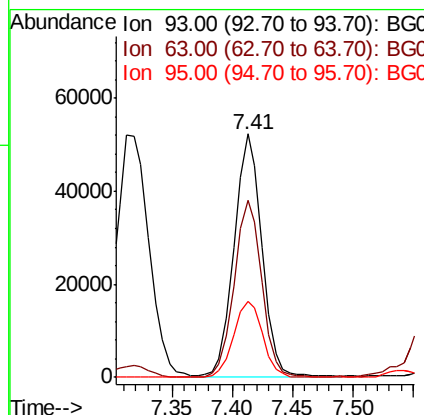
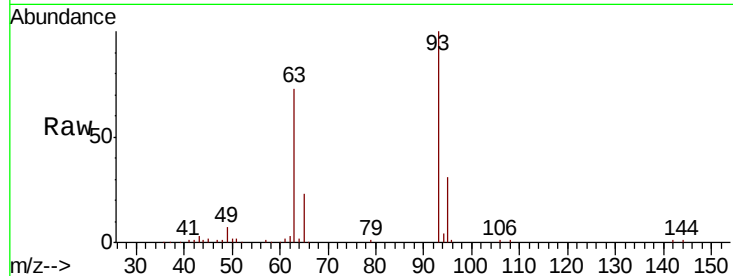
#11
bis(2-Chloroethyl)ether
Concen: 45.260 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	93	Resp	84538
Ion Ratio	Lower	Upper	
93	100		
63	72.6	53.8	93.8
95	31.3	13.1	53.1

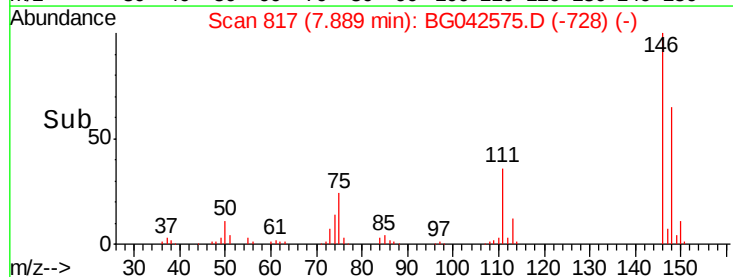
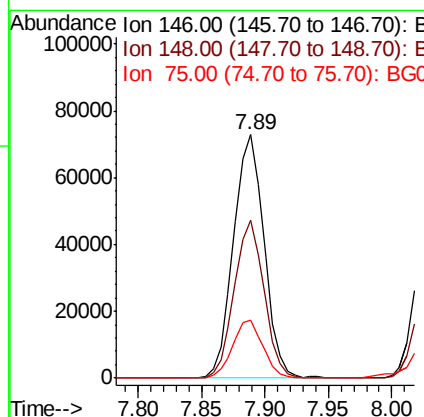
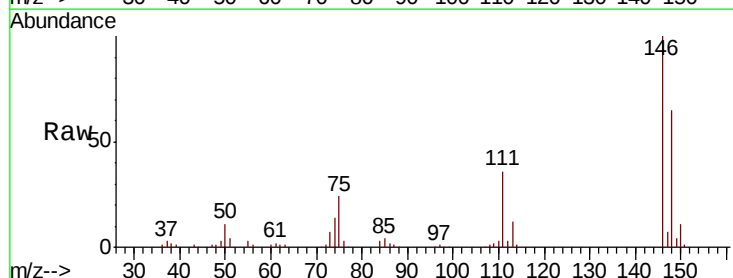
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 45.461 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	146	Resp	121372
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
75	23.7	18.0	27.0





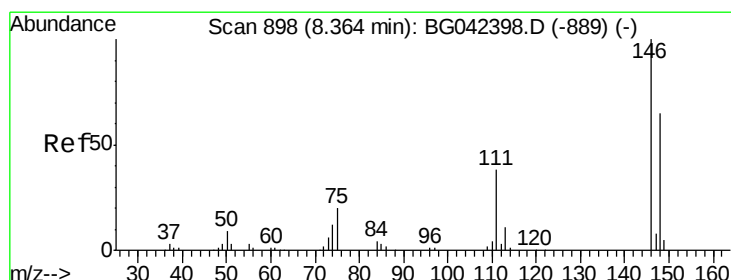
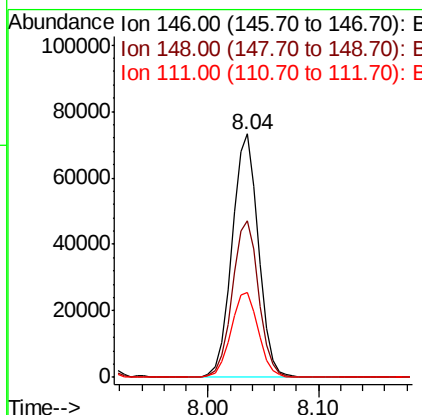
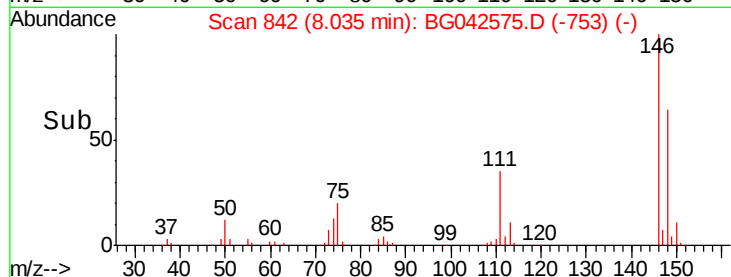
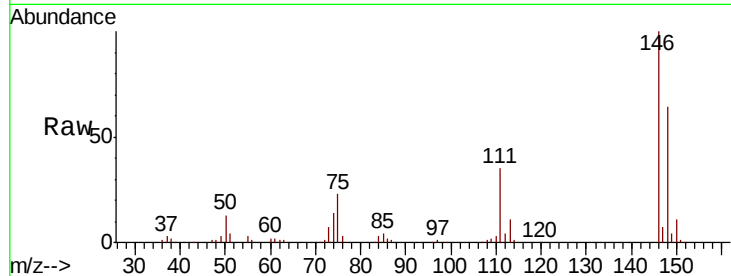
#13
 1,4-Dichlorobenzene
 Concen: 45.307 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.5	74.3
111	35.0	28.1	42.1

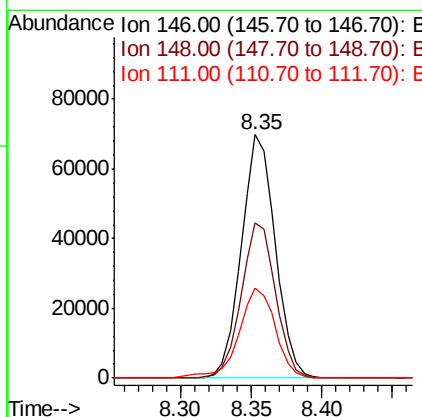
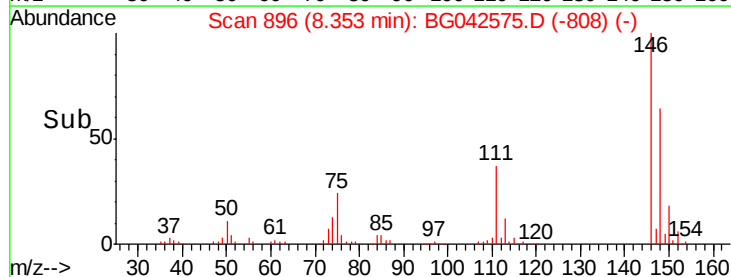
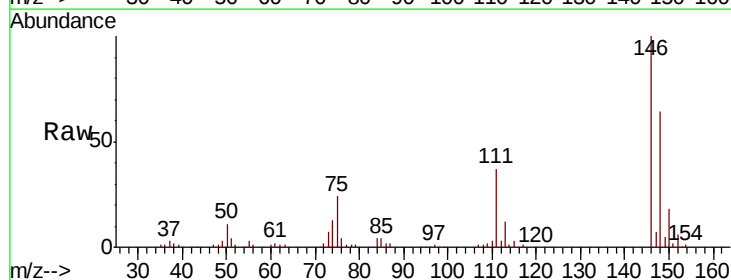
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#14
 1,2-Dichlorobenzene
 Concen: 45.281 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	37.0	30.9	46.3





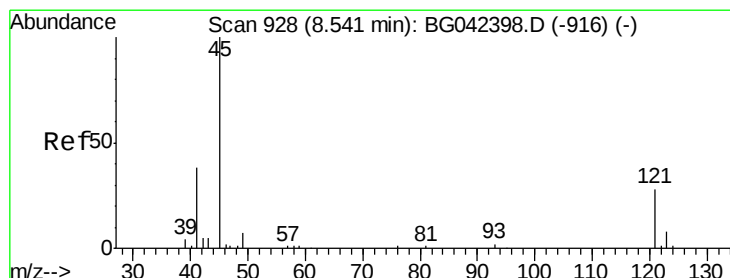
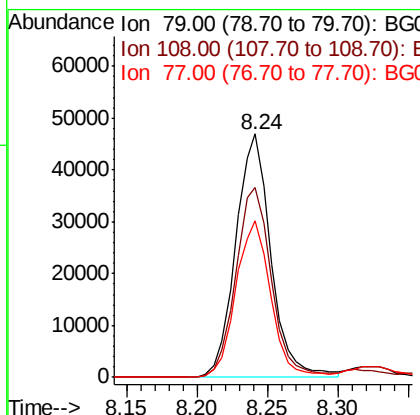
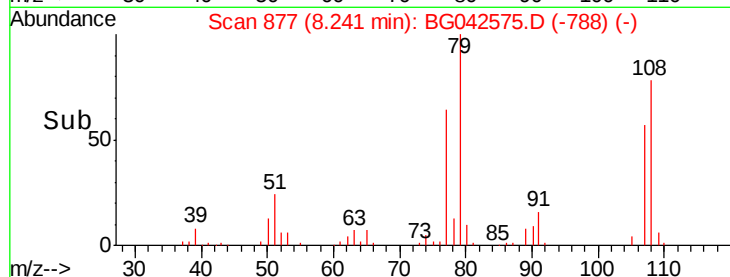
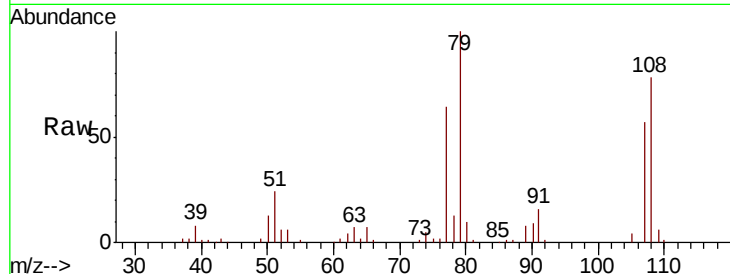
#15
Benzyl Alcohol
Concen: 48.527 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	67.4	101.2
77	64.2	50.8	76.2

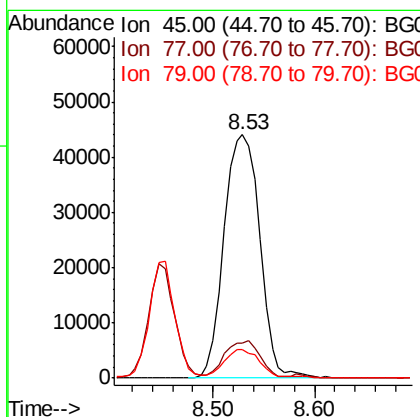
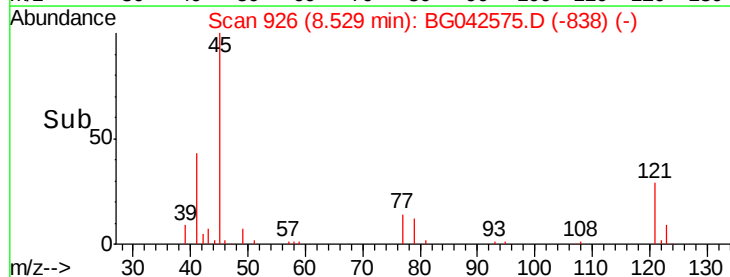
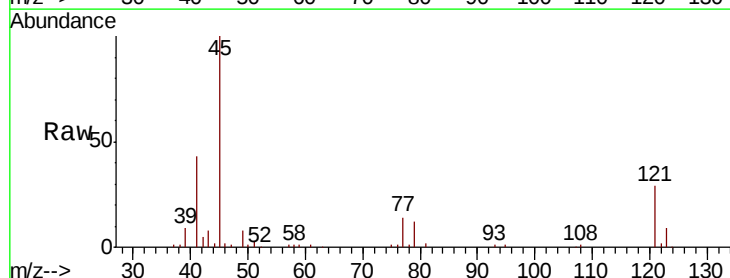
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.603 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.6
79	11.6	0.0	31.6





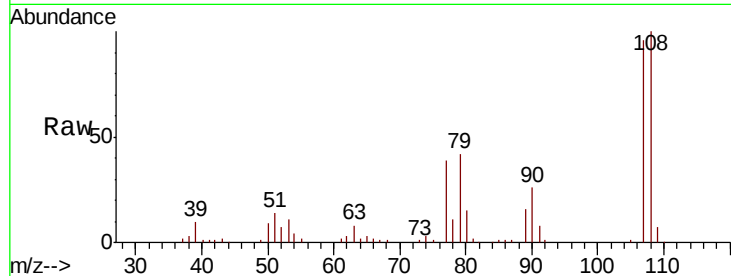
#17
2-Methylphenol
Concen: 48.070 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.7	92.9	139.3
77	40.4	34.4	51.6
79	43.5	33.8	50.6

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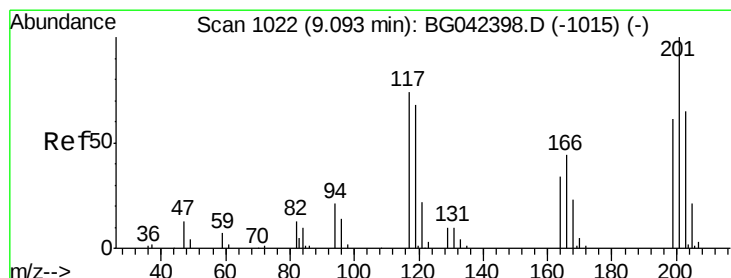
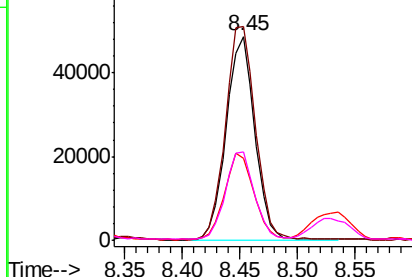
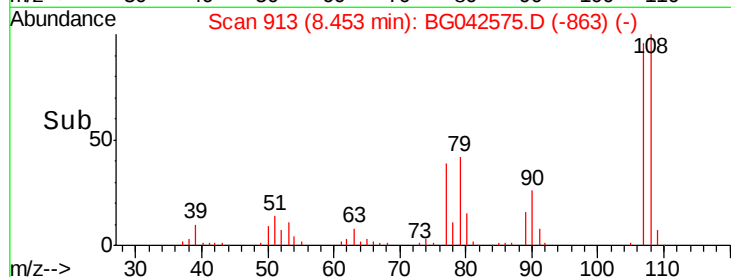
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

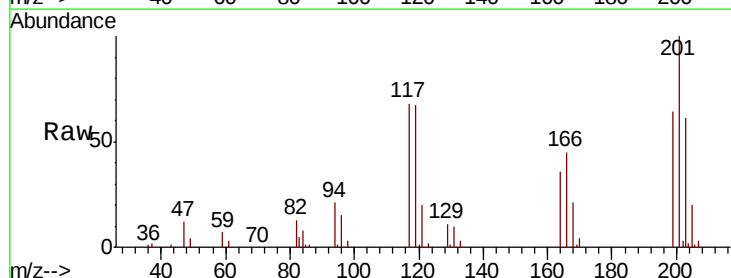
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.476 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.8	110.8
201	146.4	108.3	162.5

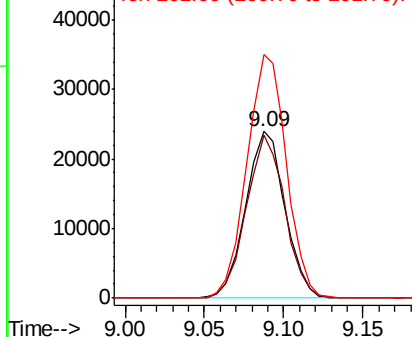
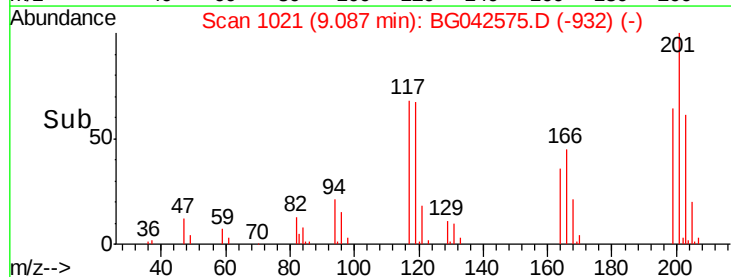


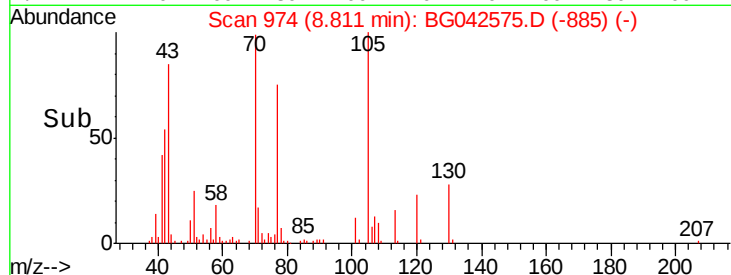
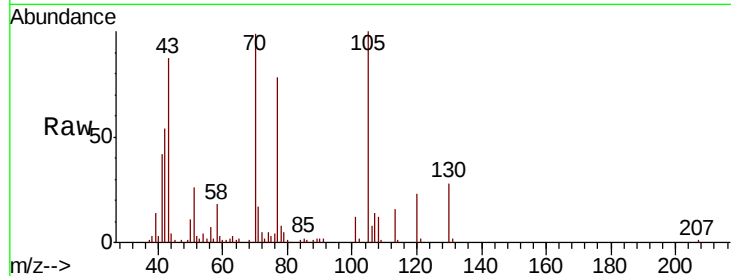
Abundance

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





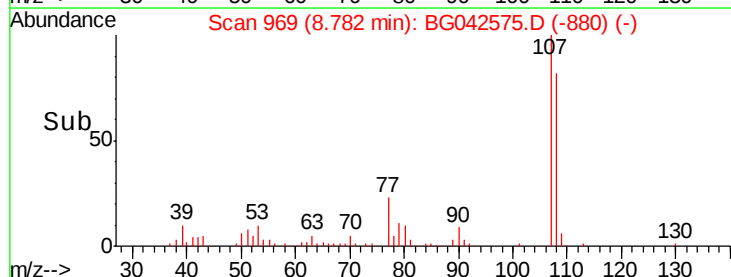
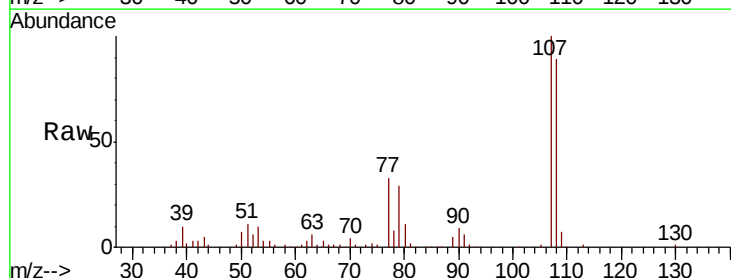
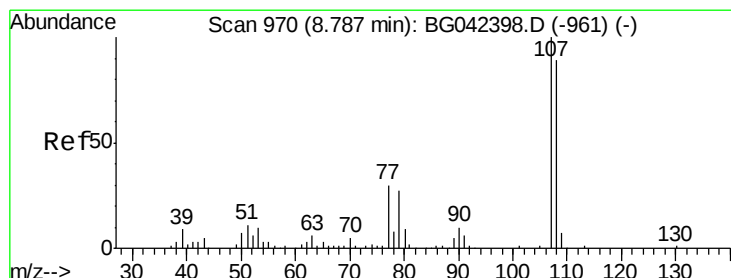
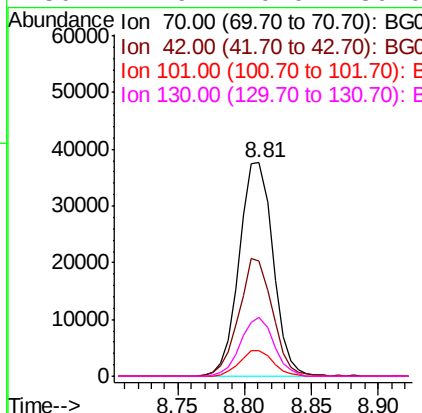
#19
n-Nitroso-di-n-propylamine
Concen: 43.641 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

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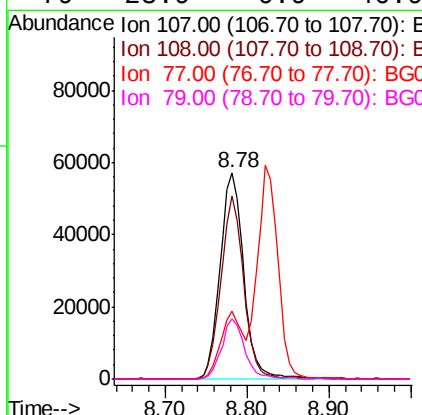
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Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	38.8	58.2
101	12.1	9.0	13.6
130	27.9	20.0	30.0



#20
3+4-Methylphenols
Concen: 47.459 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	32.6	10.2	50.2
79	28.9	6.9	46.9





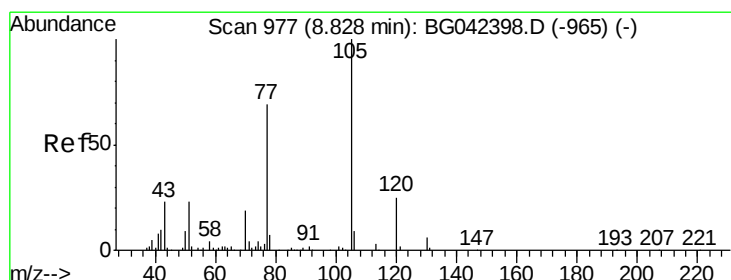
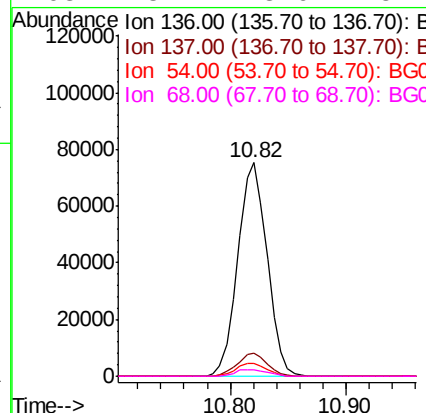
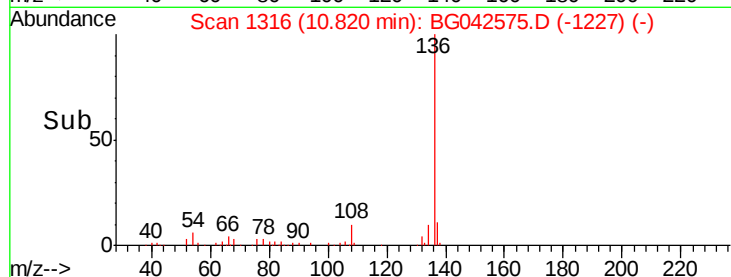
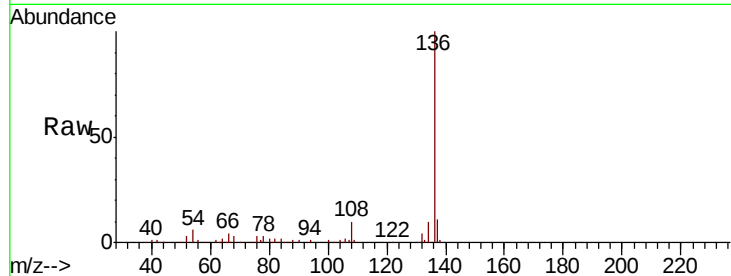
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	132209		
137	10.5		8.7	13.1
54	6.1		4.9	7.3
68	3.2		3.6	5.4

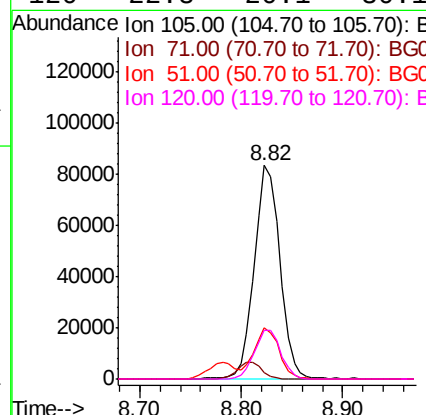
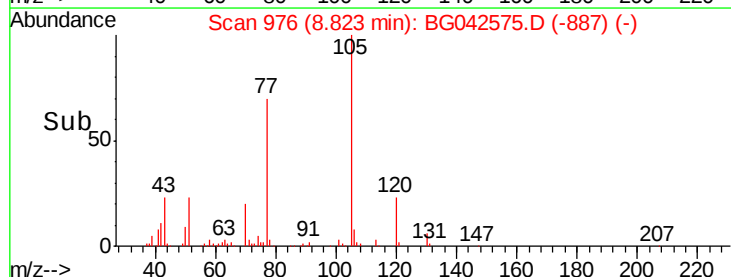
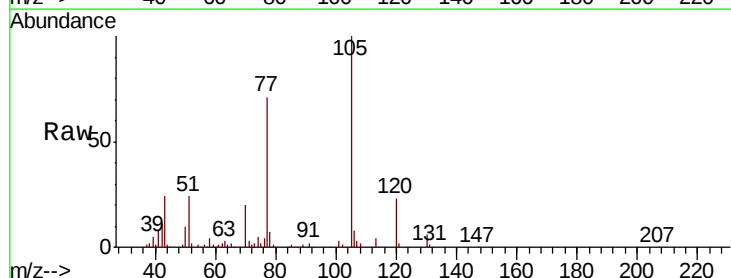
Manual Integrations
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#22
Acetophenone
Concen: 52.042 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147161		
71	3.0		2.8	4.2
51	23.7		18.7	28.1
120	22.8		20.1	30.1





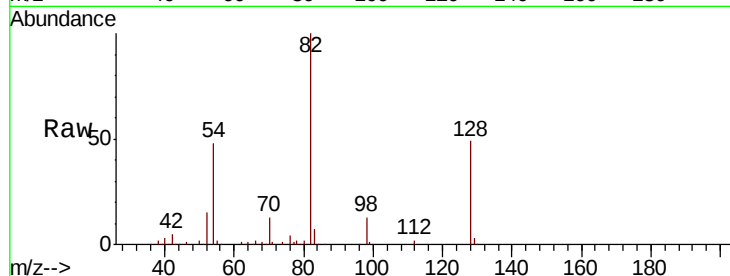
#23
 Nitrobenzene-d5
 Concen: 100.416 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	192114		
128	48.8	40.7	61.1	
54	48.4	36.3	54.5	

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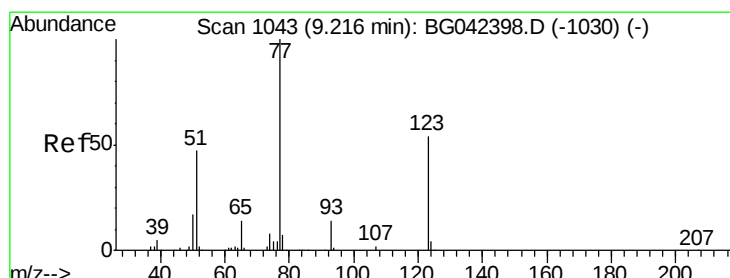
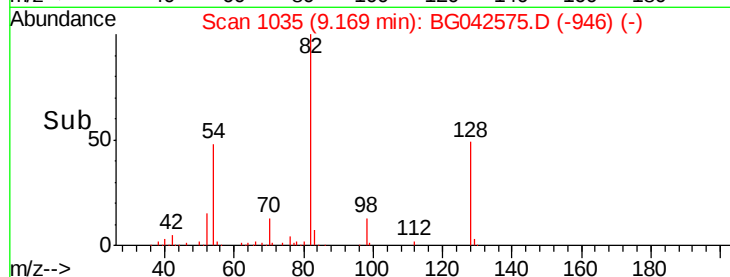
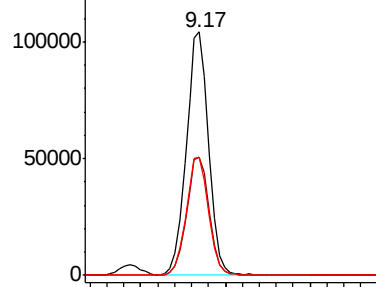


Abundance

Ion 82.00 (81.70 to 82.70): BGC

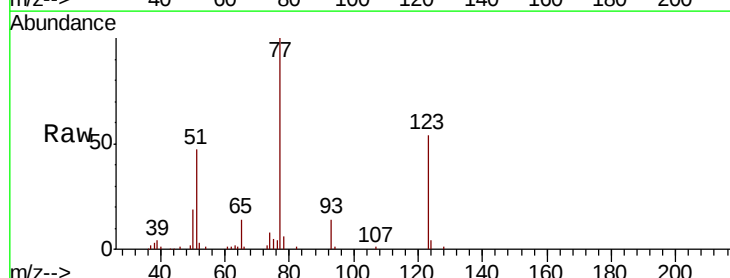
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 50.842 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	98500		
123	53.7	43.4	65.0	
65	13.6	11.0	16.6	

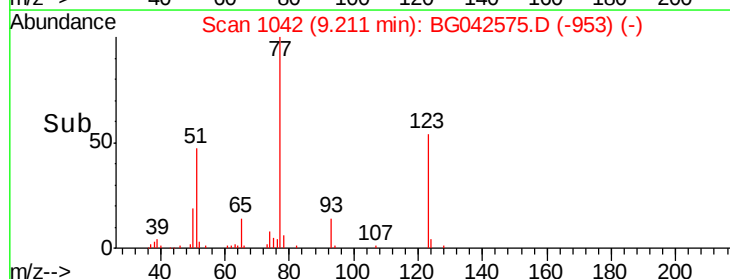
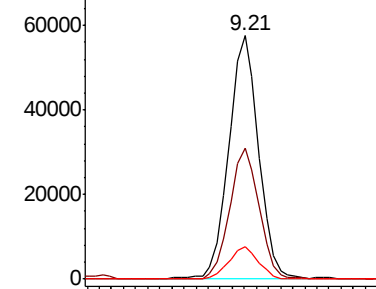


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.511 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

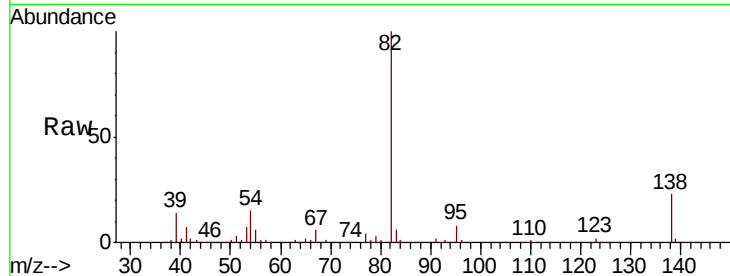
ClientSampleId :

S700A-N-1.0-1.5-082619MS

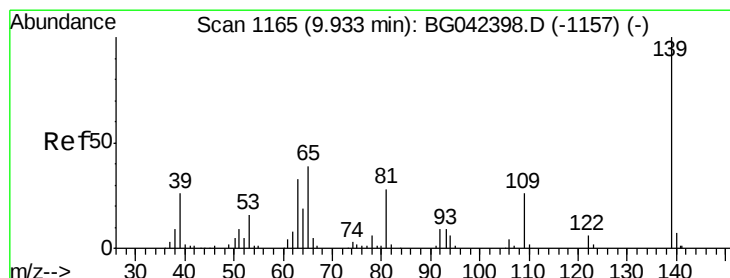
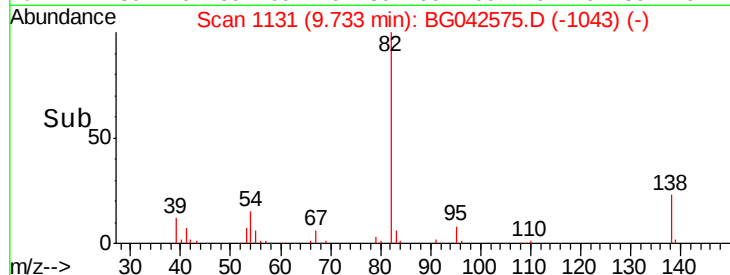
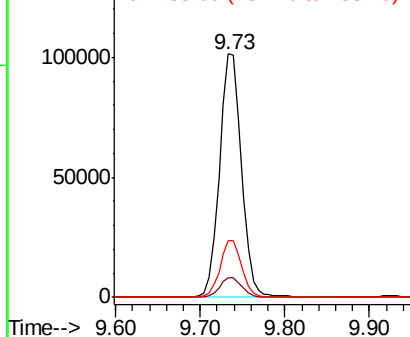
Tot Ion:	82	Resp:	183166
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.6	9.8
138	23.1	18.6	27.8

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 52.659 ng

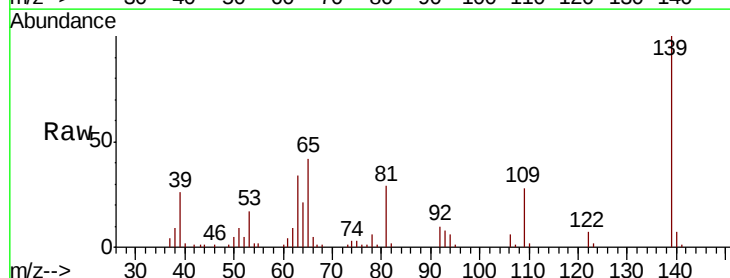
RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

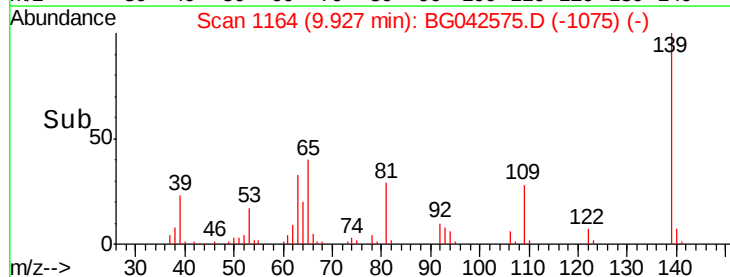
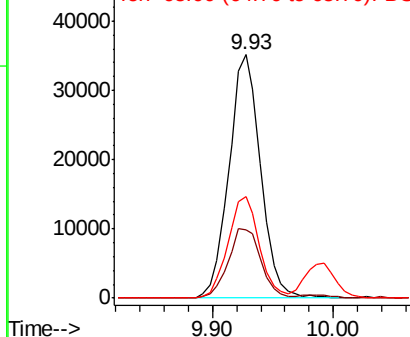
Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:	139	Resp:	63933
Ion Ratio	Lower	Upper	
139	100		
109	28.3	20.5	30.7
65	41.5	30.9	46.3



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





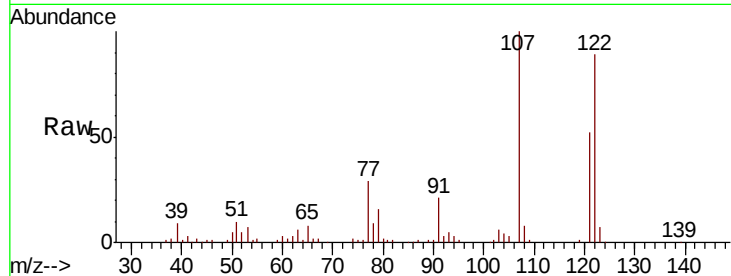
#27
 2,4-Dimethylphenol
 Concen: 58.172 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		97287		
107	112.5	90.8		136.2	
121	58.8	49.6		74.4	

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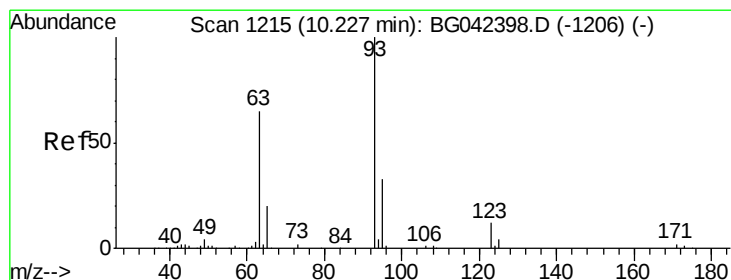
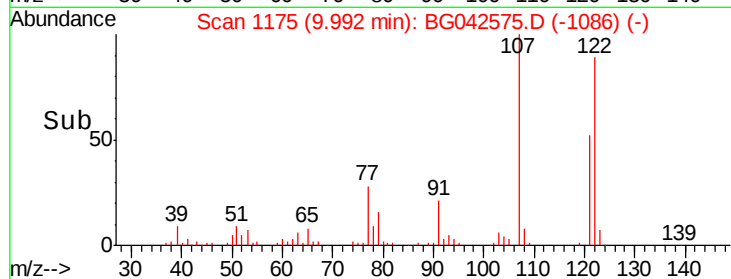
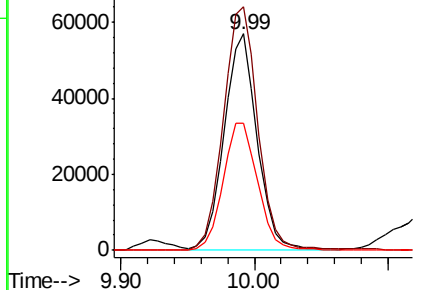


Abundance

Ion 122.00 (121.70 to 122.70): E

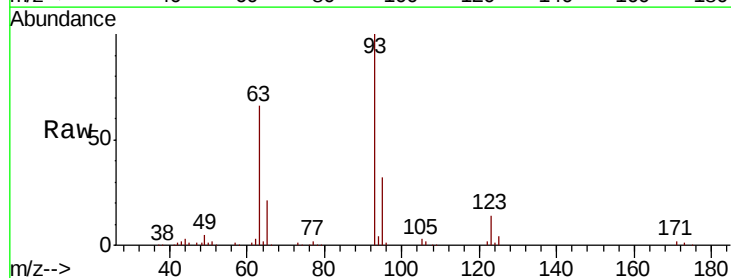
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.038 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		114319		
95	32.5	26.6		40.0	
123	14.2	10.1		15.1	

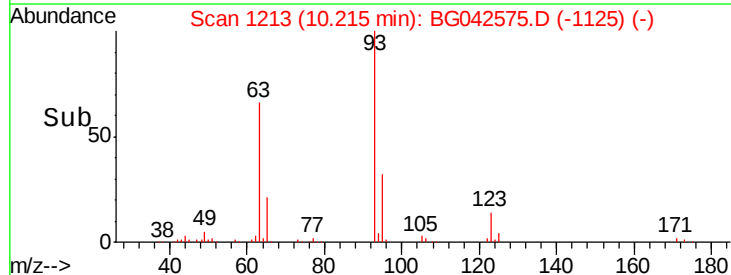
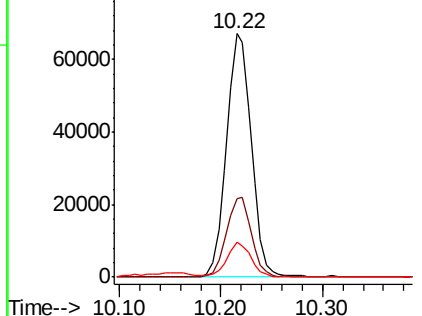


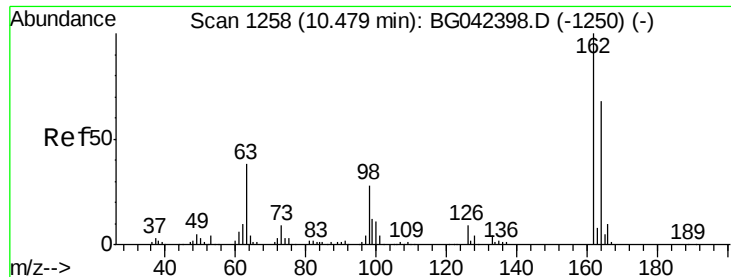
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





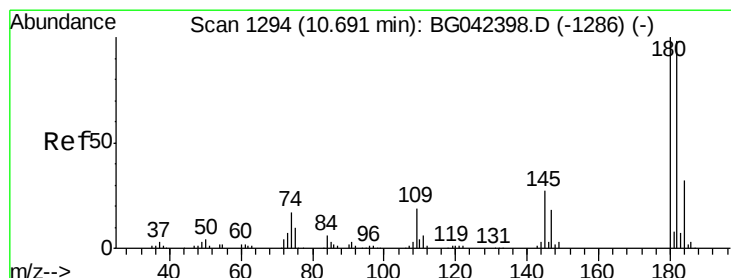
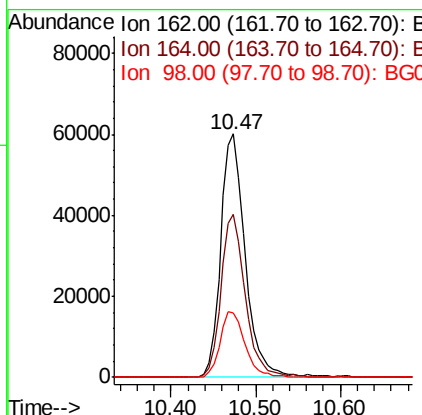
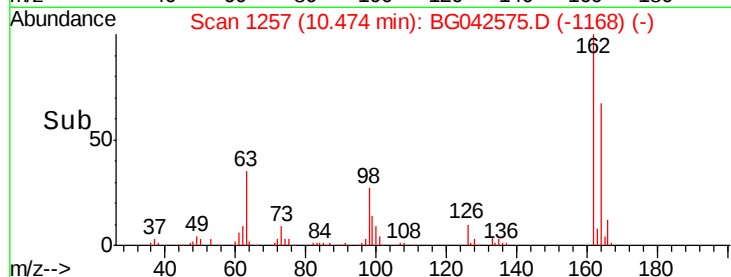
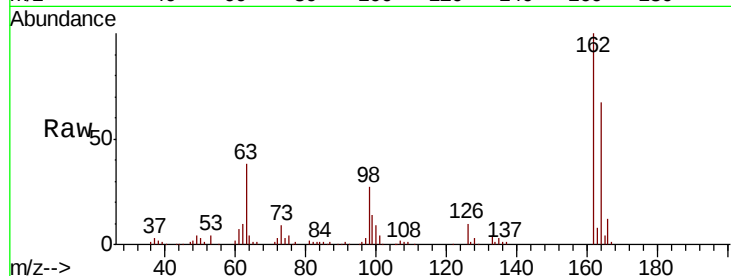
#29
2,4-Dichlorophenol
Concen: 55.175 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	120729		
164	66.8	48.1	88.1	
98	26.5	7.6	47.6	

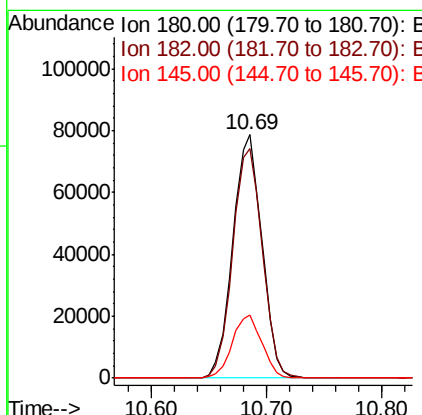
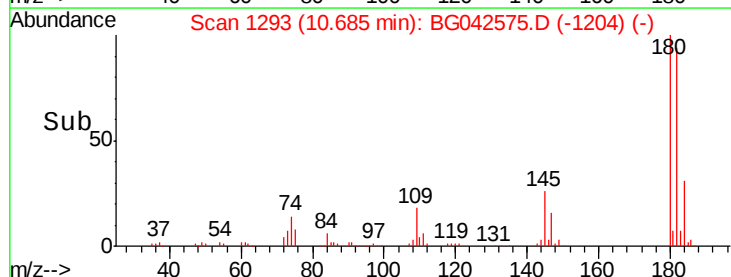
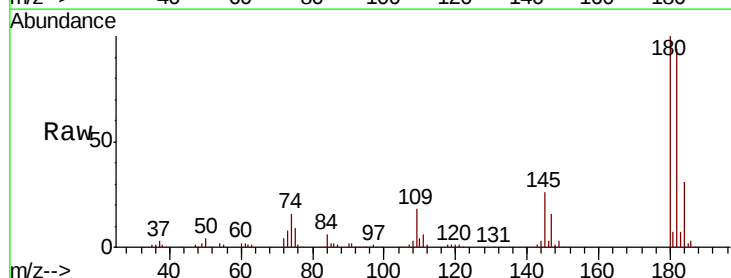
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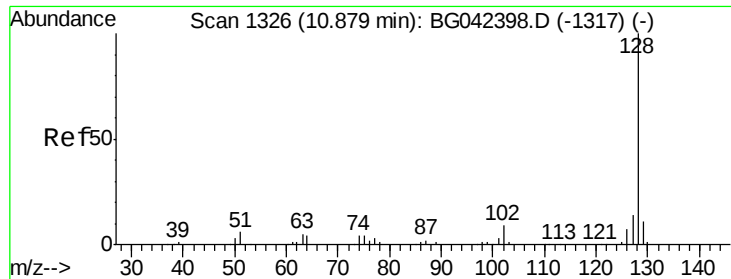
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#30
1,2,4-Trichlorobenzene
Concen: 51.153 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137383		
182	94.5	78.7	118.1	
145	25.7	21.6	32.4	





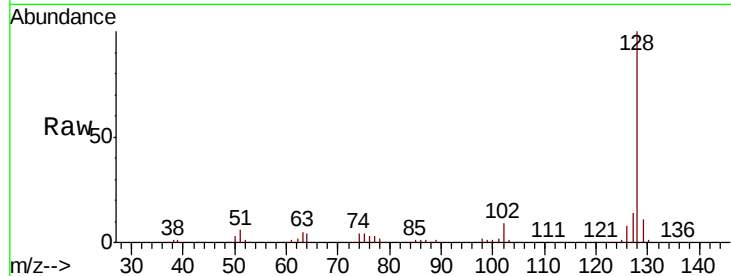
#31
Naphthalene
Concen: 51.250 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.6	11.4	17.0	

Manual Integrations
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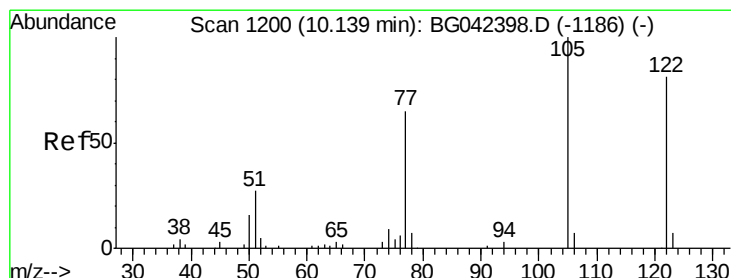
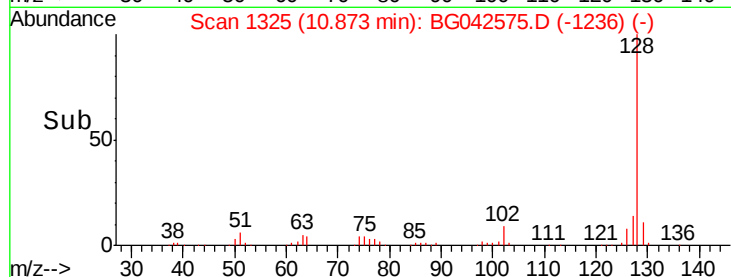
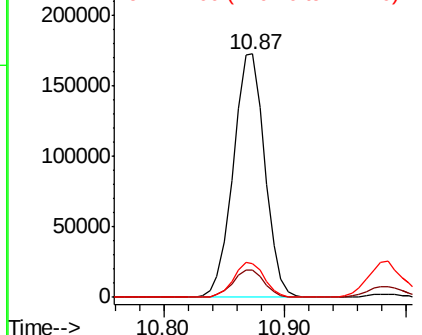


Abundance

Ion 128.00 (127.70 to 128.70): E

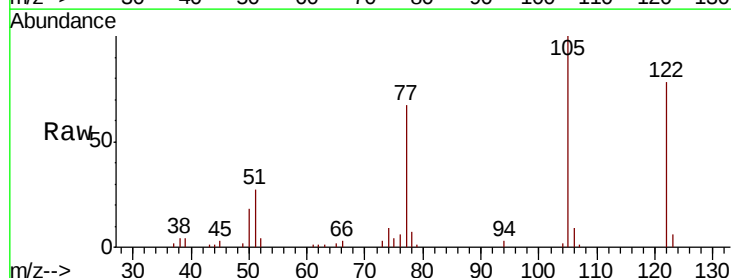
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.240 ng m
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.4	99.6	139.6	
77	85.5	59.5	99.5	

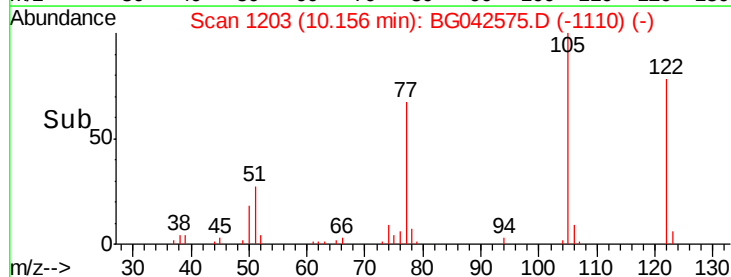
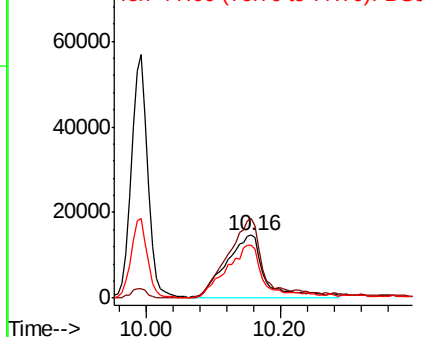


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





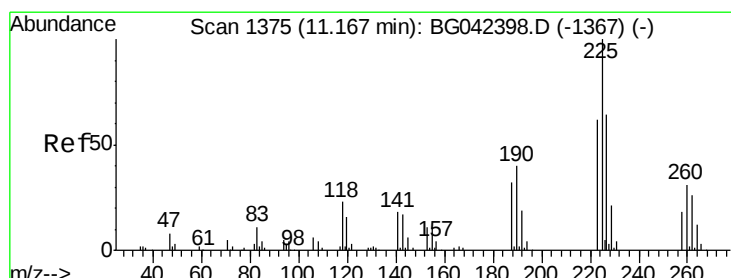
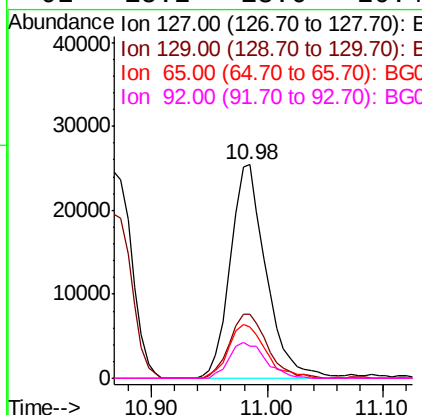
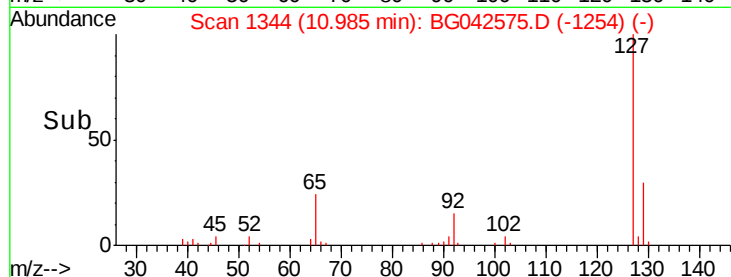
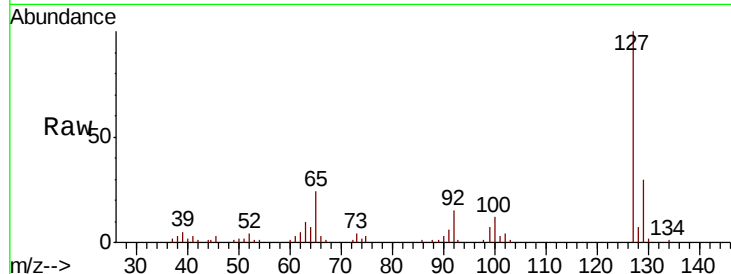
#33
4-Chloroaniline
Concen: 19.336 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.7	26.8	40.2	
65	23.9	20.7	31.1	
92	15.2	13.6	20.4	

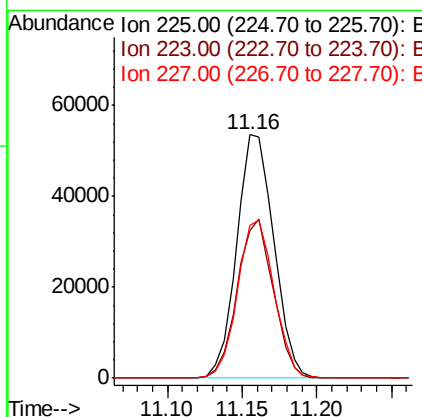
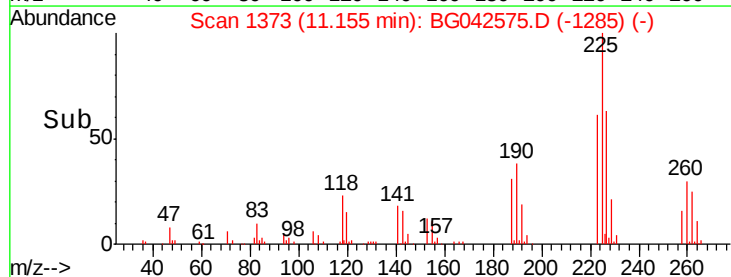
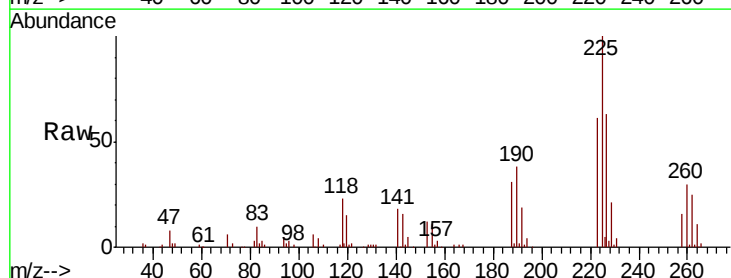
Manual Integrations
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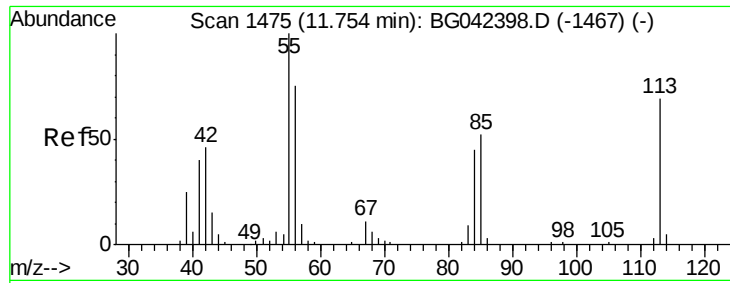
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#34
Hexachlorobutadiene
Concen: 51.336 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	49.8	74.6	
227	62.7	50.9	76.3	





#35

Caprolactam

Concen: 49.166 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

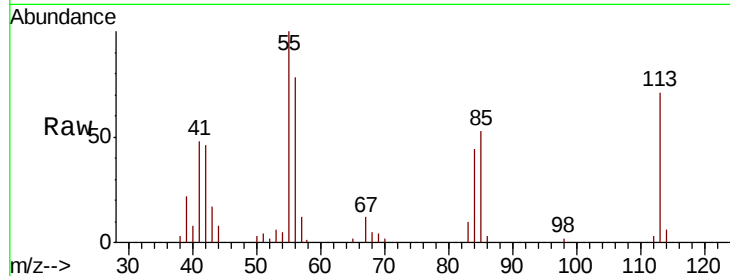
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion:	113	Resp:	35897
Ion Ratio	Lower	Upper	
113	100		
55	141.3	124.6	164.6
56	110.6	88.3	128.3

Manual Integrations
APPROVED

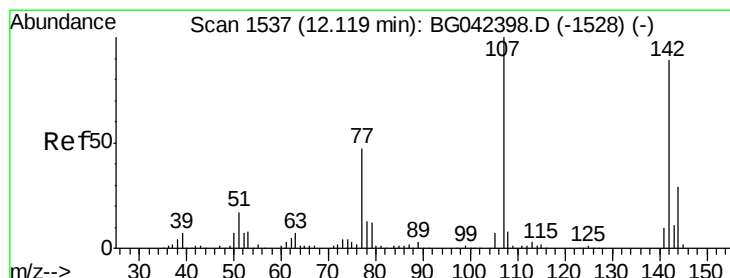
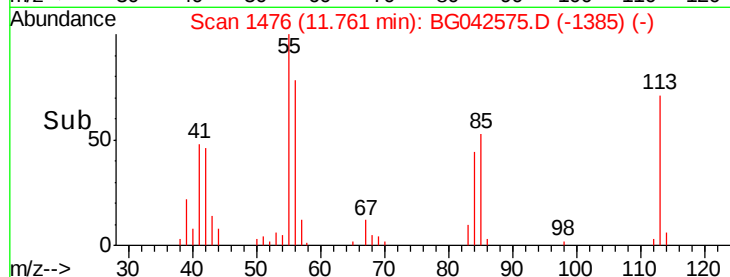
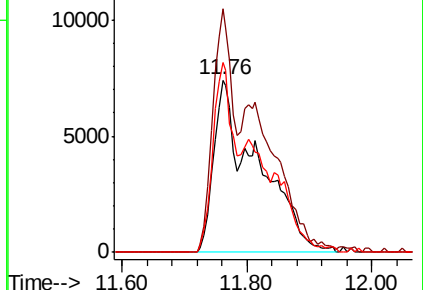
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042398.D (-1467) (-)

Ion 56.00 (55.70 to 56.70): BG042398.D (-1467) (-)



#36

4-Chloro-3-methylphenol

Concen: 52.607 ng/mL

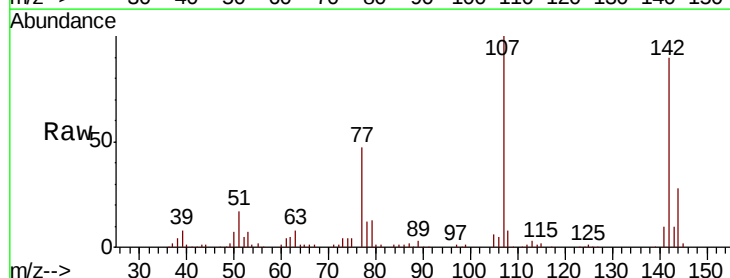
RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

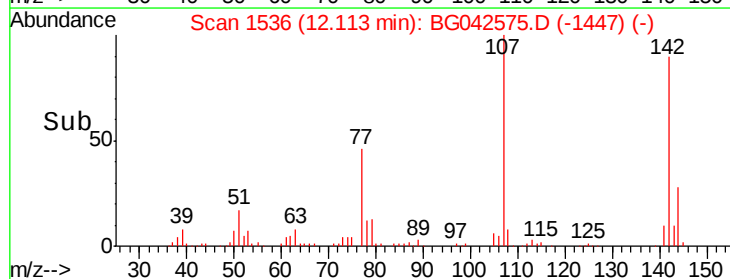
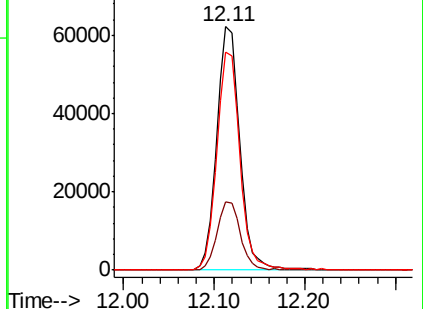
Tgt Ion:	107	Resp:	109273
Ion Ratio	Lower	Upper	
107	100		
144	27.9	23.6	35.4
142	89.5	71.0	106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





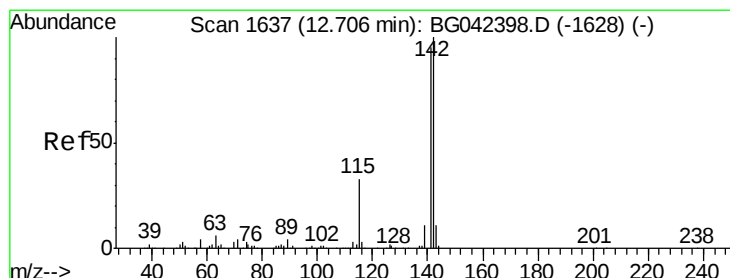
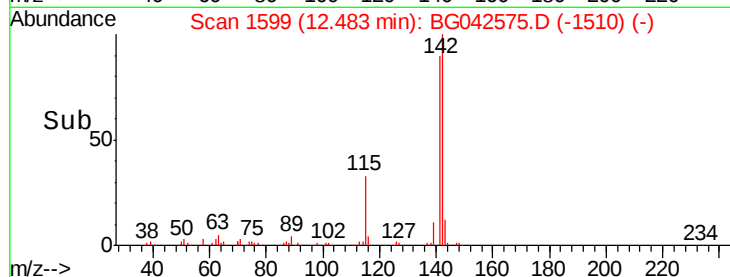
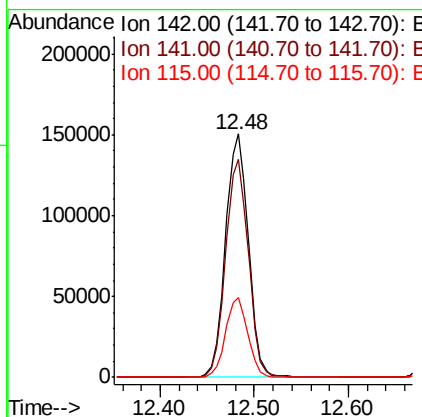
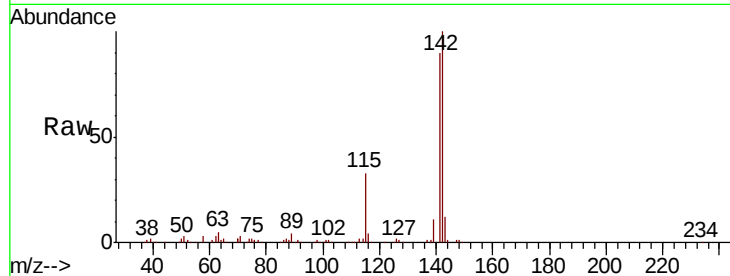
#37
2-Methylnaphthalene
Concen: 51.405 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	32.6	25.2	37.8

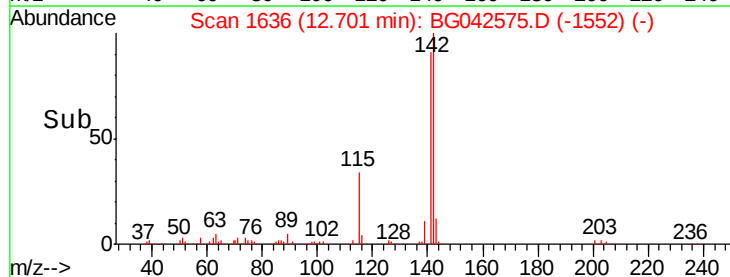
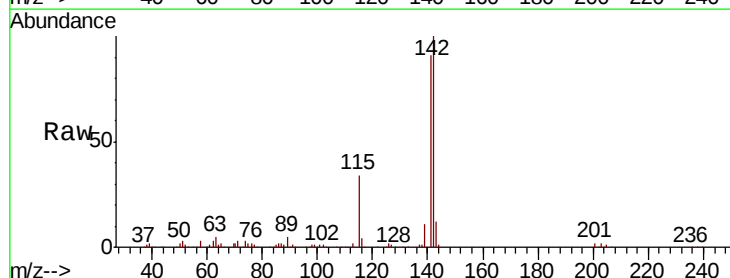
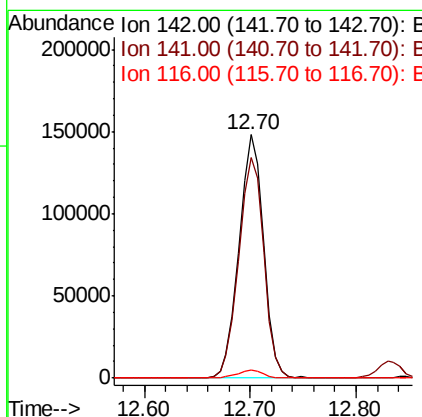
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 50.593 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	76.2	114.2
116	3.6	2.8	4.2





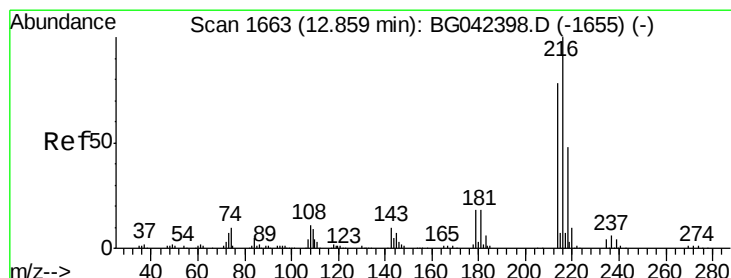
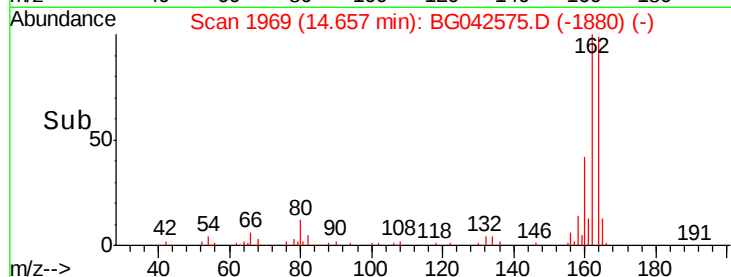
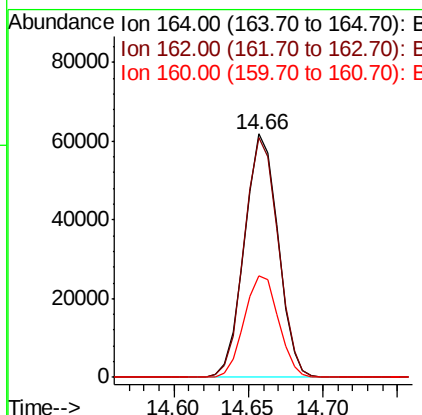
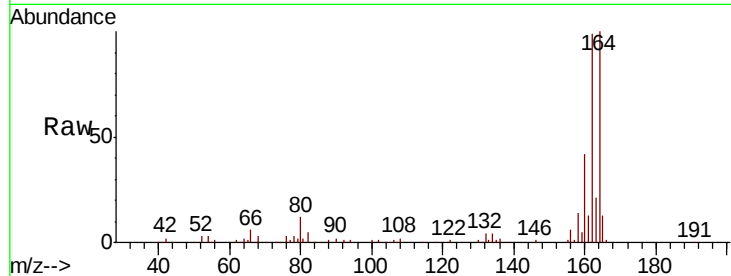
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	41.6	34.3	51.5

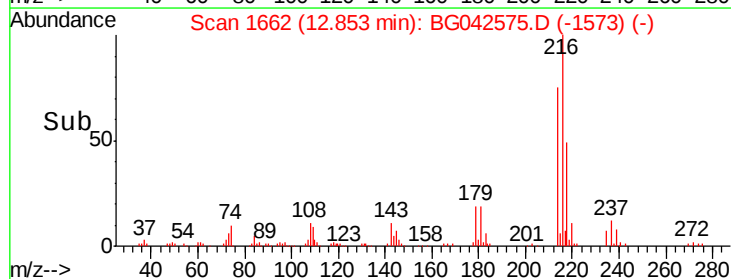
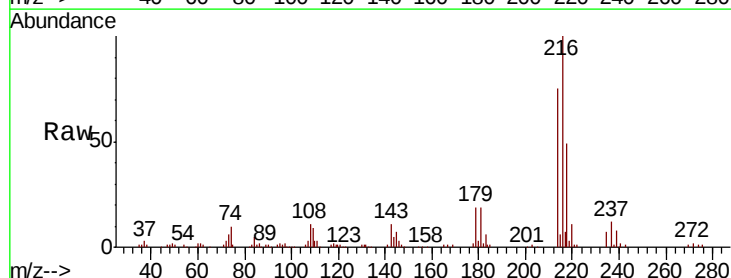
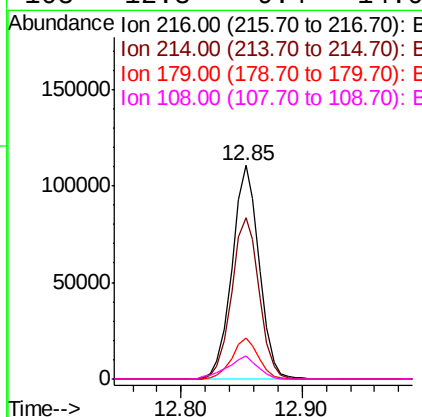
Manual Integrations
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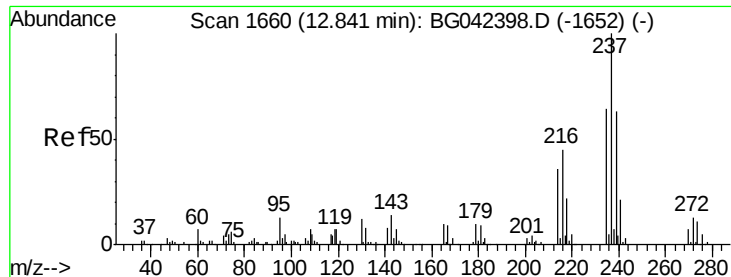
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.647 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.7	61.4	92.2
179	18.6	15.1	22.7
108	12.3	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 110.688 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

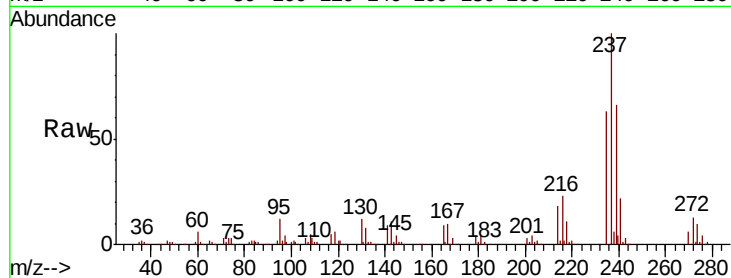
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion:	237	Resp:	179526
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.7	83.7
272	13.3	0.0	33.3

Manual Integrations
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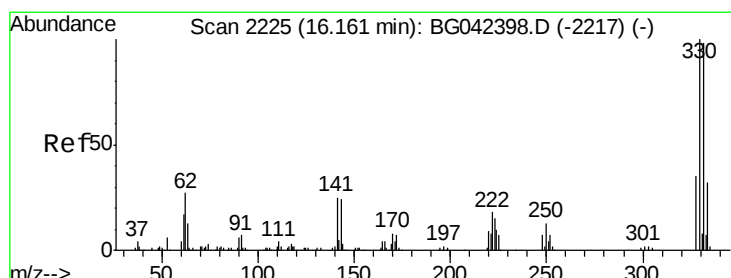
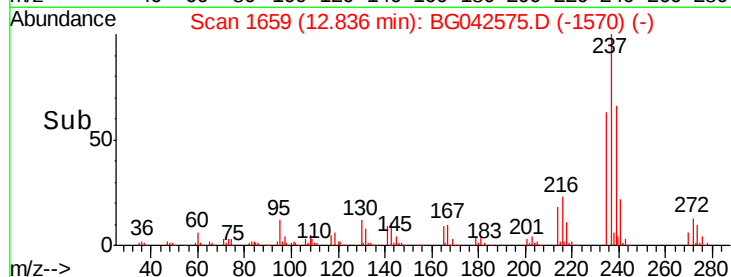
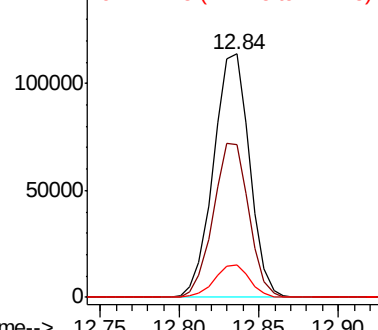


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.267 ng

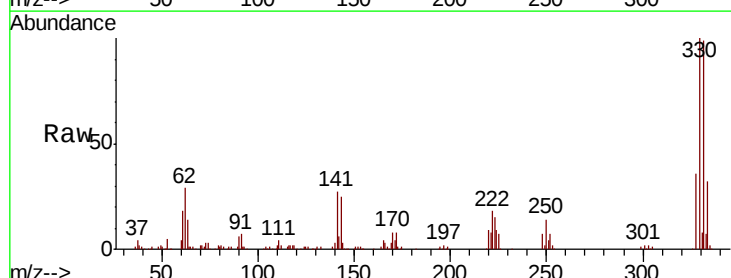
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:	330	Resp:	208086
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.0
141	27.8	21.4	32.0

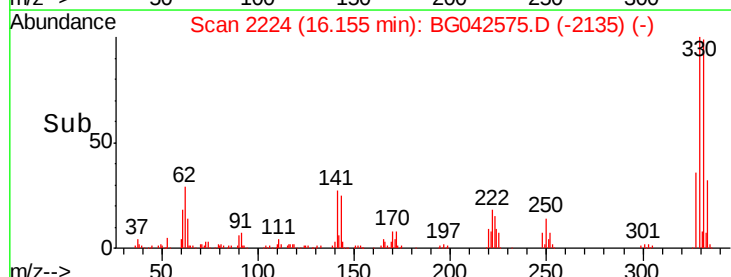
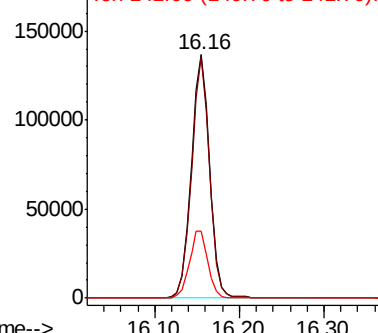


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





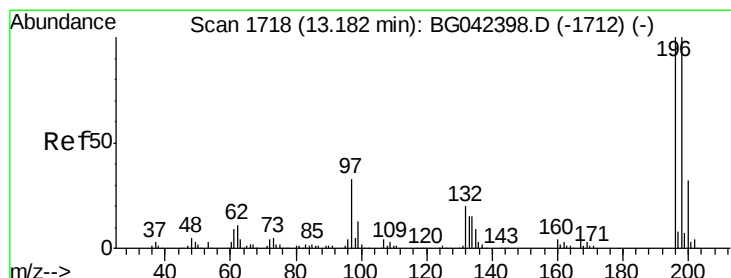
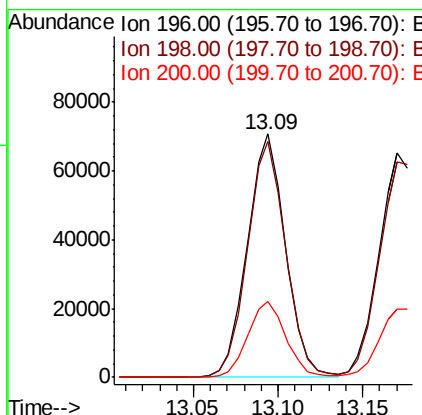
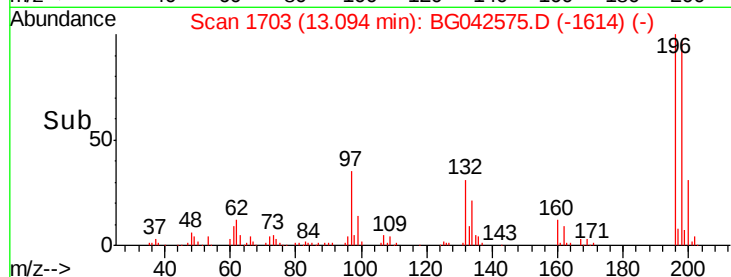
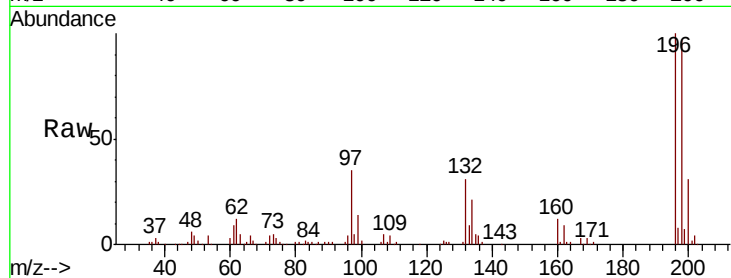
#43
 2,4,6-Trichlorophenol
 Concen: 53.278 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111194		
198	96.7	80.7	121.1	
200	31.0	25.7	38.5	

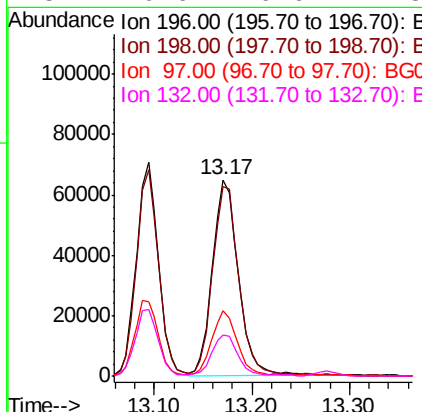
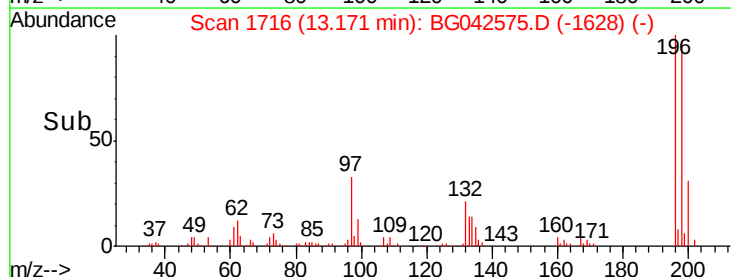
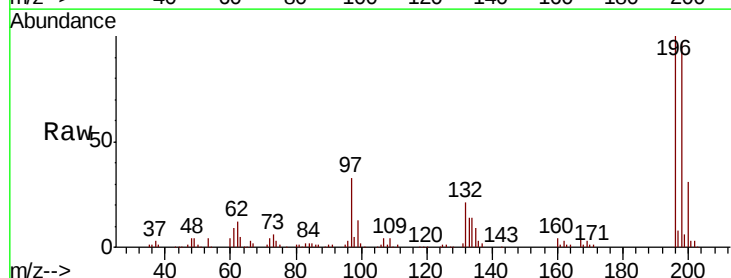
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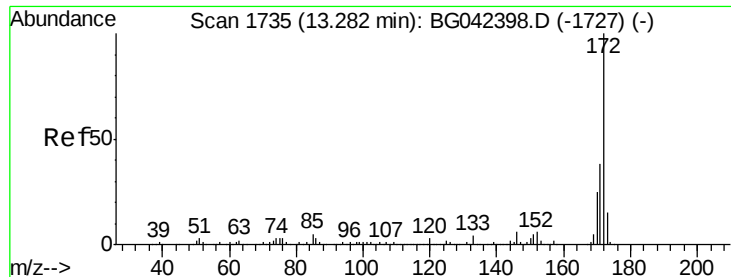
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#44
 2,4,5-Trichlorophenol
 Concen: 55.226 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119441		
198	96.5	80.2	120.4	
97	33.1	26.3	39.5	
132	20.6	16.6	24.8	





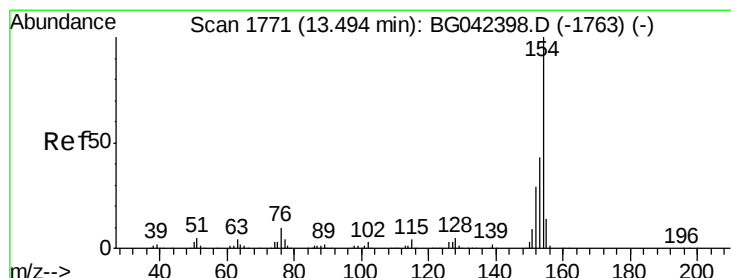
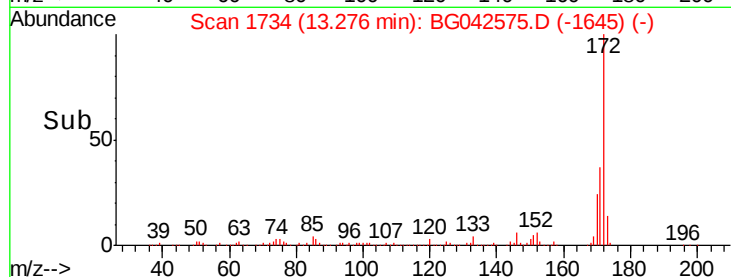
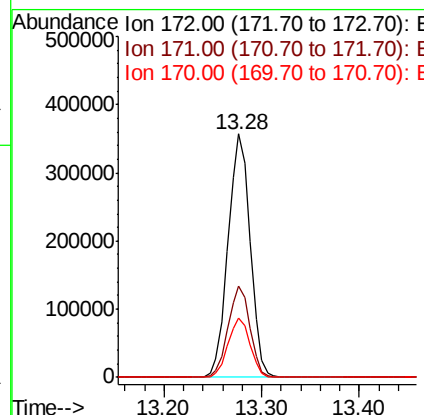
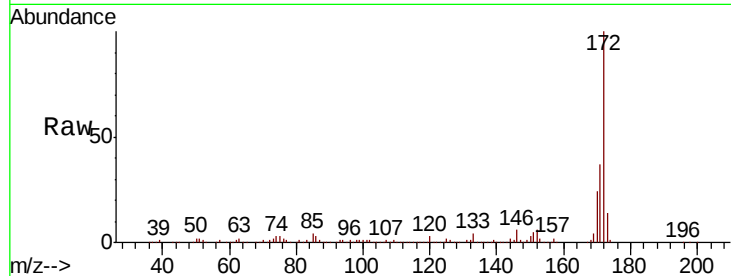
#45
2-Fluorobiphenyl
Concen: 98.387 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	24.2	20.2	30.2

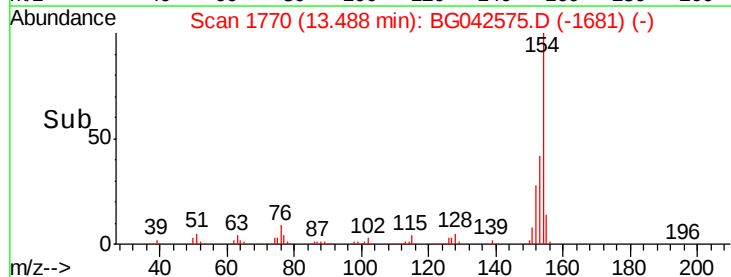
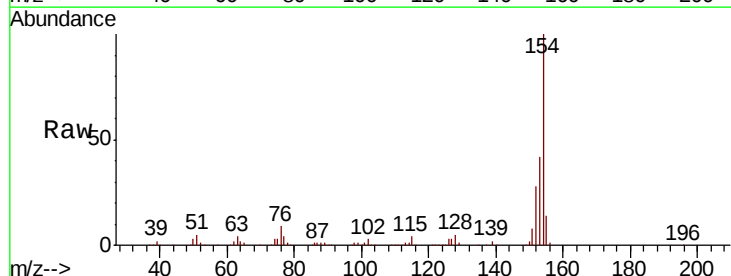
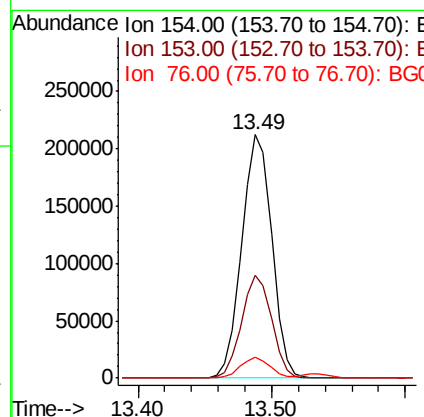
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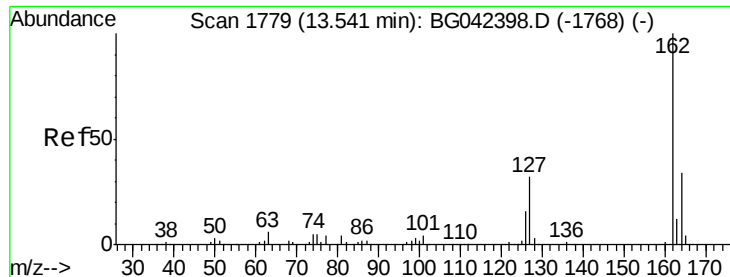
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#46
1,1'-Biphenyl
Concen: 53.150 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	8.7	0.0	29.6





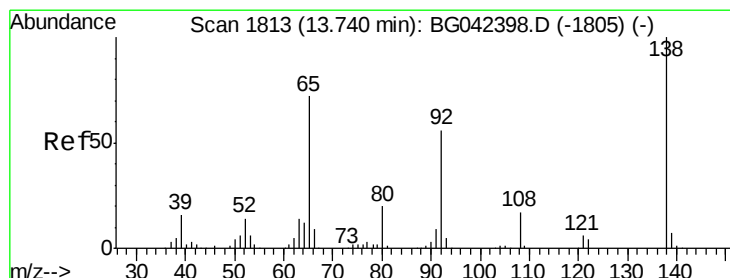
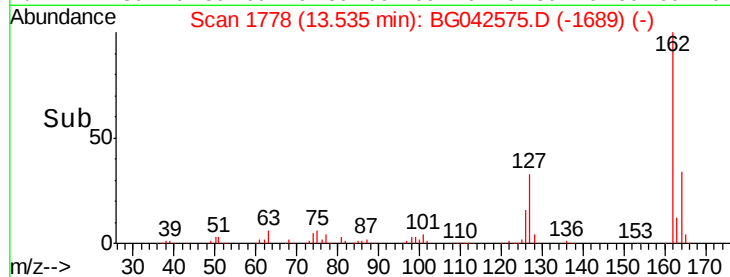
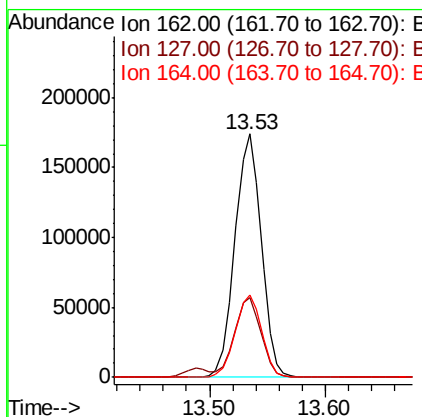
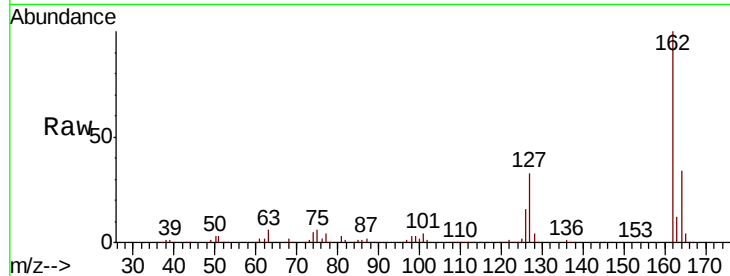
#47
 2-Chloronaphthalene
 Concen: 51.370 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

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

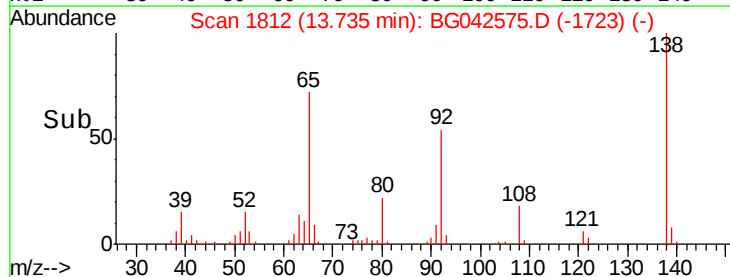
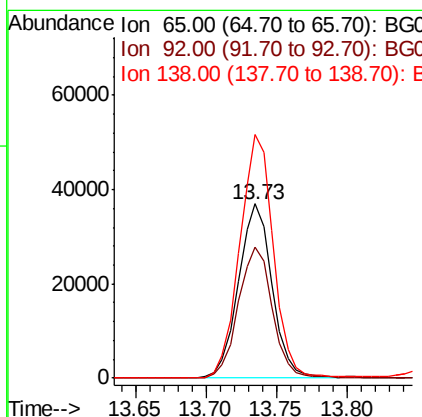
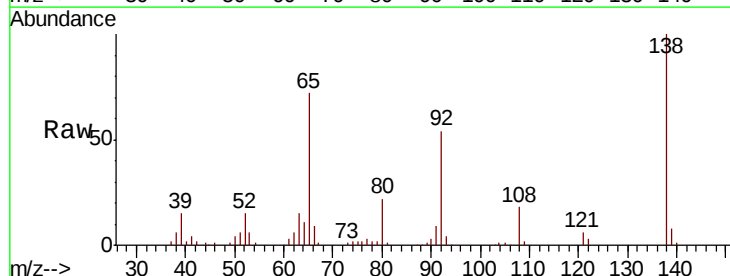
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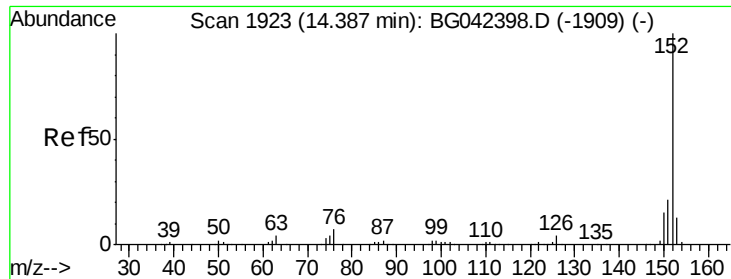
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#48
 2-Nitroaniline
 Concen: 47.724 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	61.8	92.6
138	139.7	111.0	166.6





#49

Acenaphthylene

Concen: 53.013 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

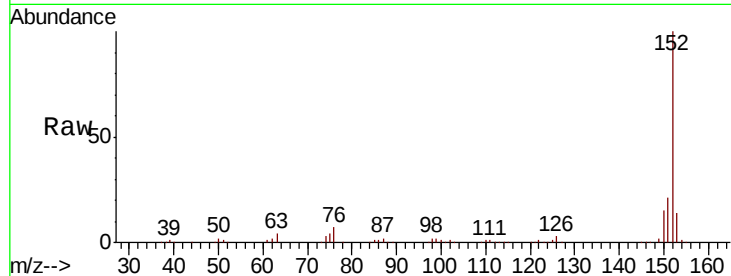
ClientSampleId :

S700A-N-1.0-1.5-082619MS

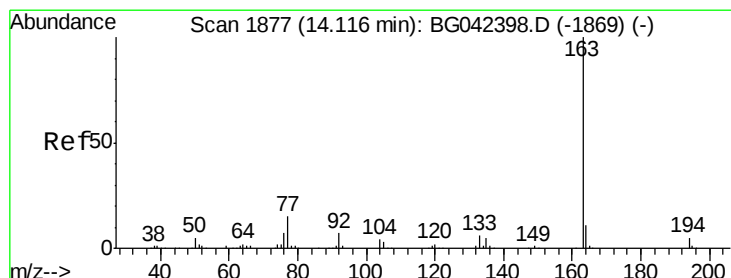
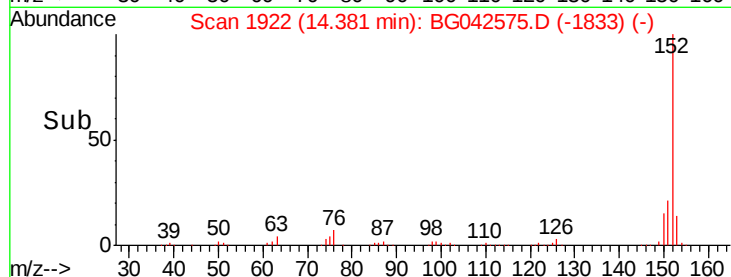
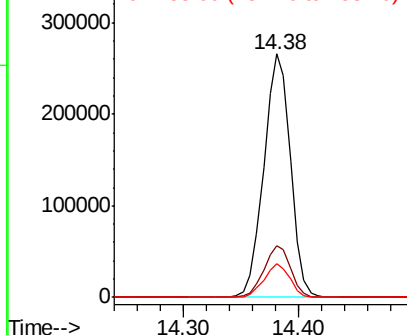
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		427418		
151	21.4		17.0	25.4	
153	13.7		10.6	16.0	

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.194 ng

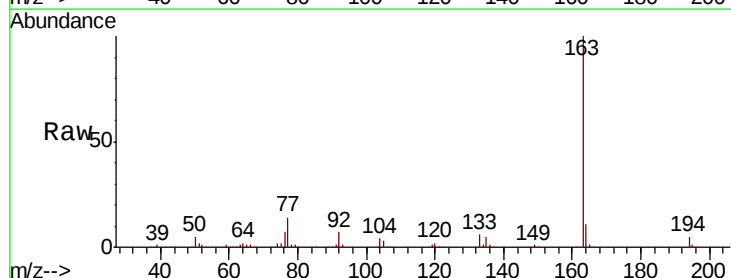
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

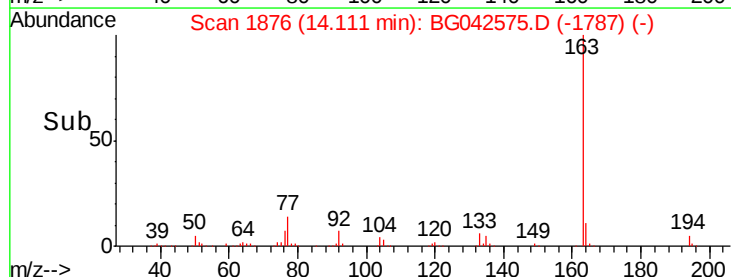
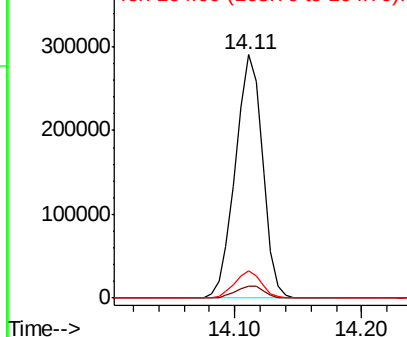
Lab File: BG042575.D

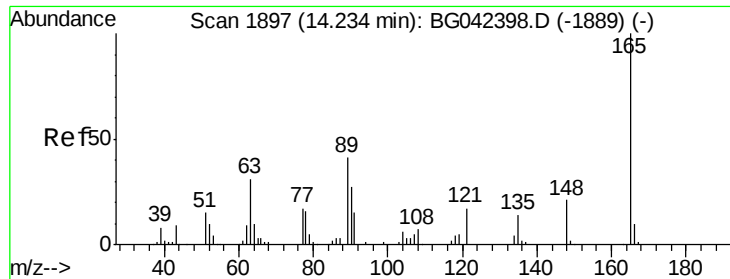
Acq: 29 Aug 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		431469		
194	5.1		4.2	6.2	
164	11.3		8.8	13.2	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





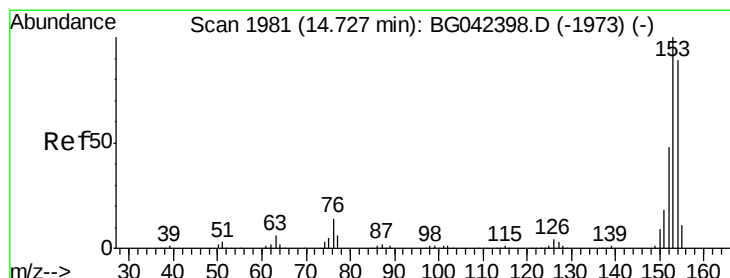
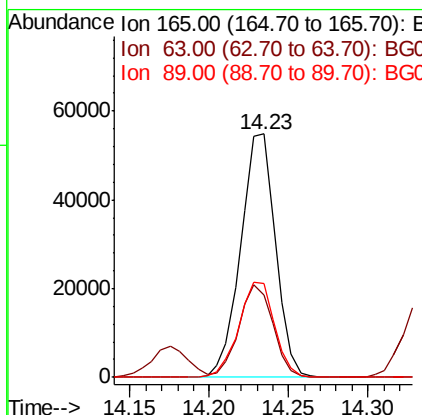
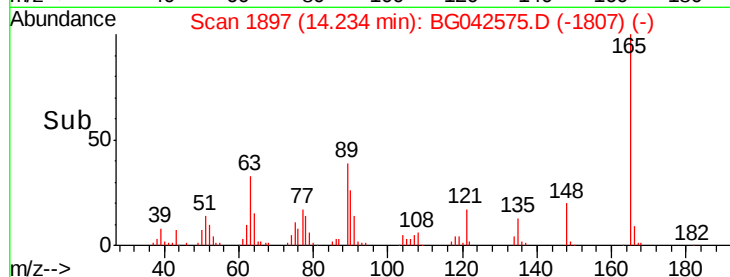
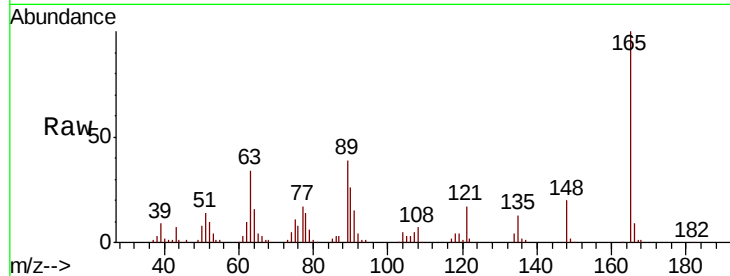
#51
 2,6-Dinitrotoluene
 Concen: 52.211 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	83958		
63	34.0		30.6	45.8
89	38.7		32.6	49.0

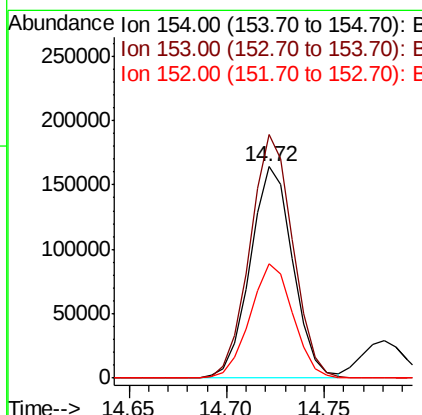
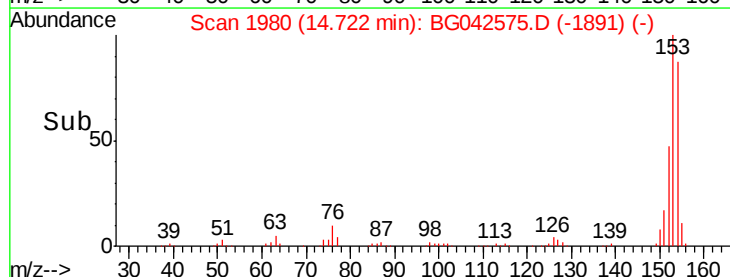
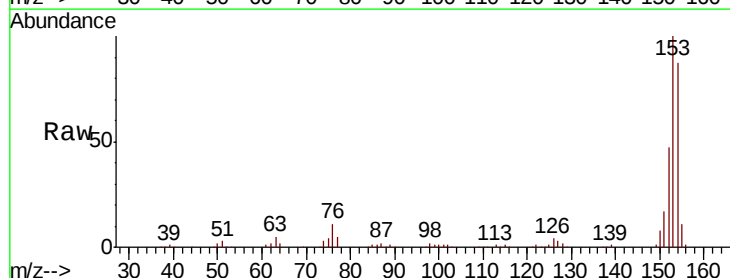
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#52
 Acenaphthene
 Concen: 50.922 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	249296		
153	115.3		90.2	135.4
152	54.1		43.2	64.8





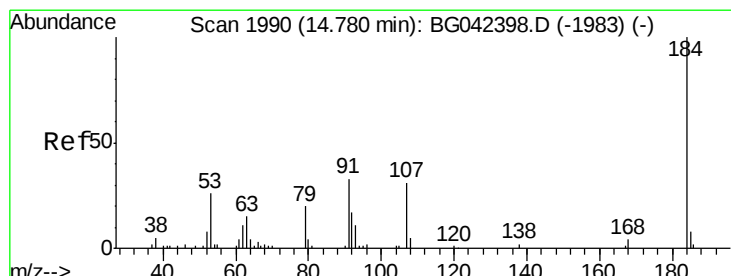
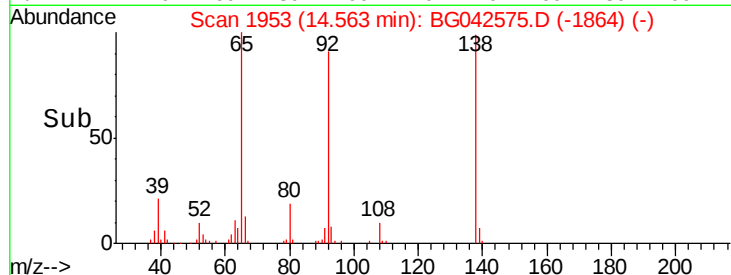
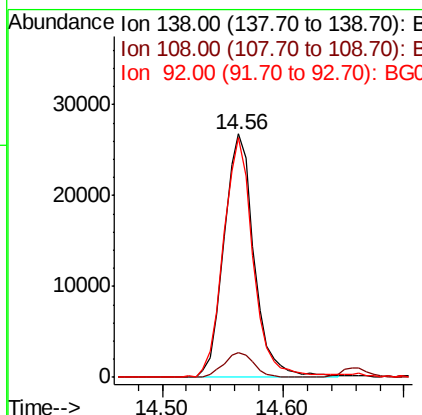
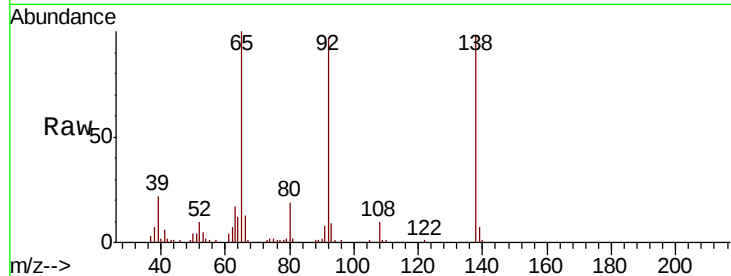
#53
3-Nitroaniline
Concen: 28.877 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	98.6	78.2	117.4

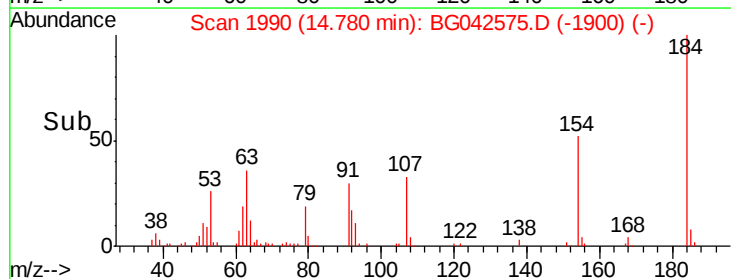
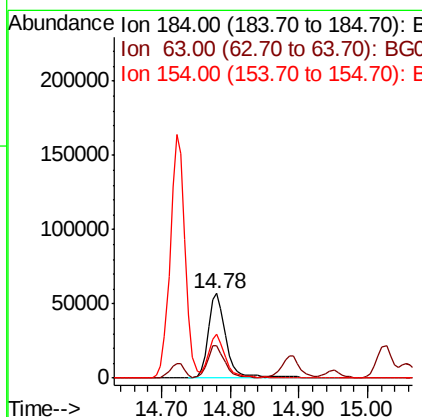
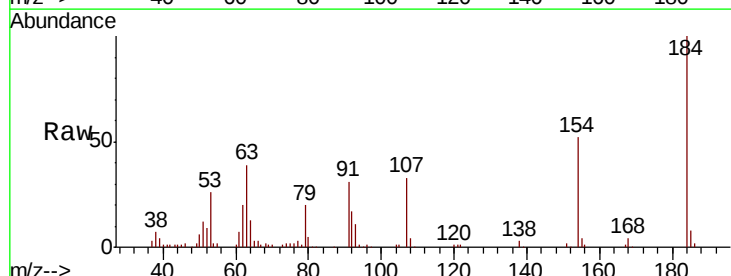
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#54
2,4-Dinitrophenol
Concen: 95.151 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.9	31.7	47.5
154	51.7	42.0	63.0





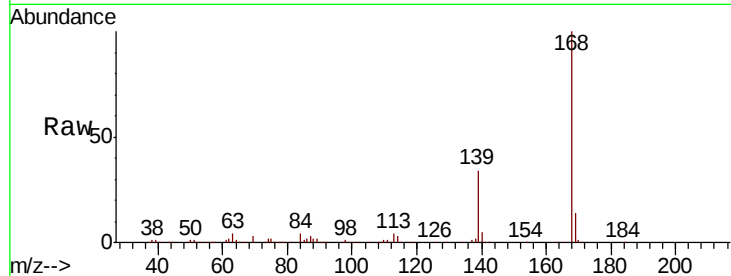
#55
Dibenzenofuran
Concen: 53.145 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.2	40.8
169	14.0	11.5	17.3

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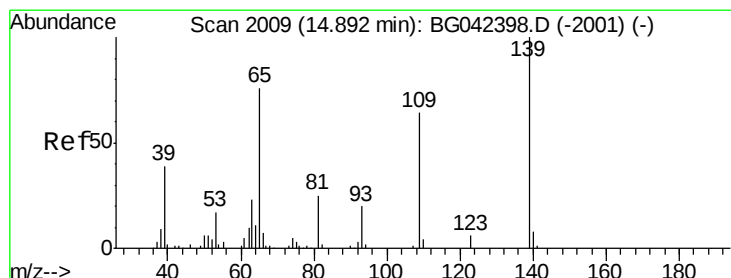
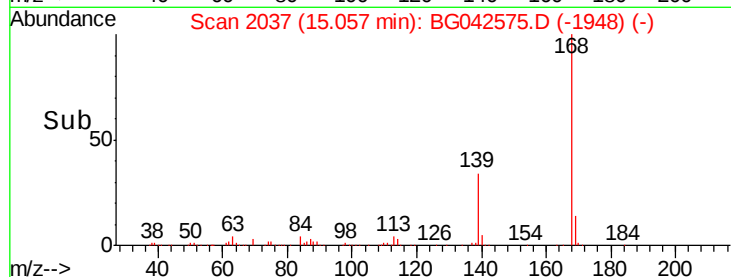
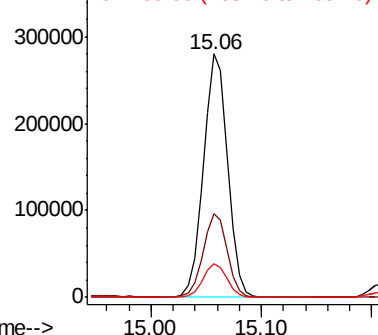


Abundance

Ion 168.00 (167.70 to 168.70): E

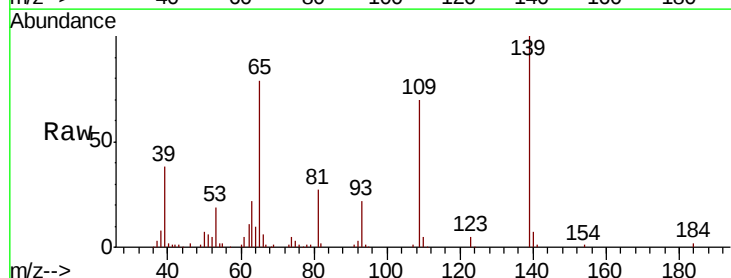
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 108.145 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	43.9	83.9
65	78.7	56.3	96.3

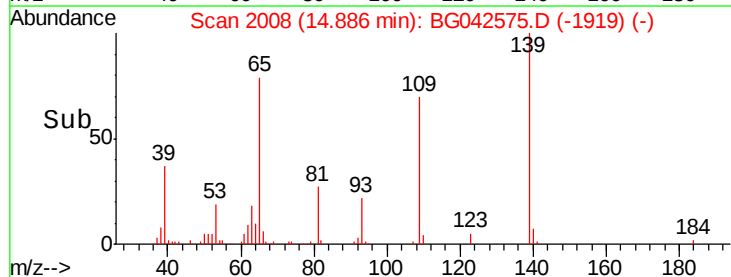
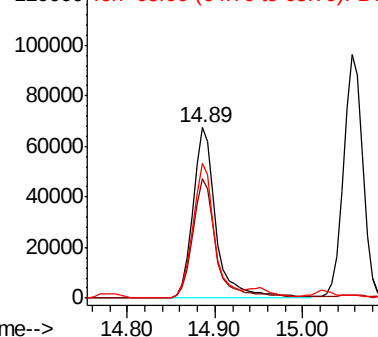


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





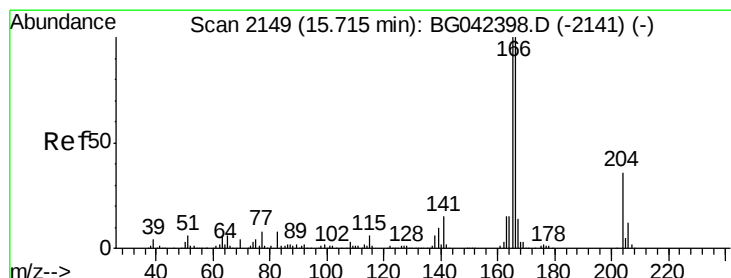
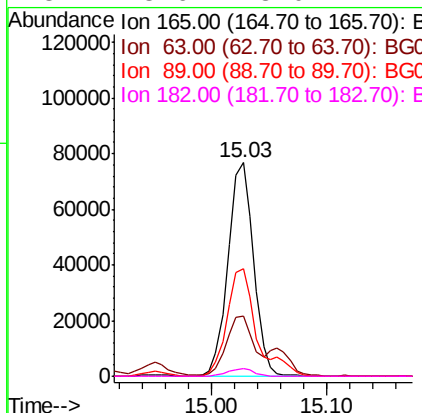
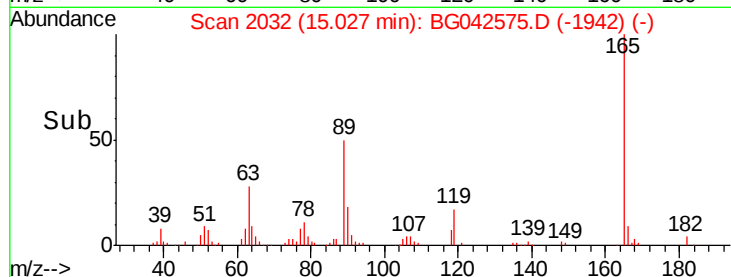
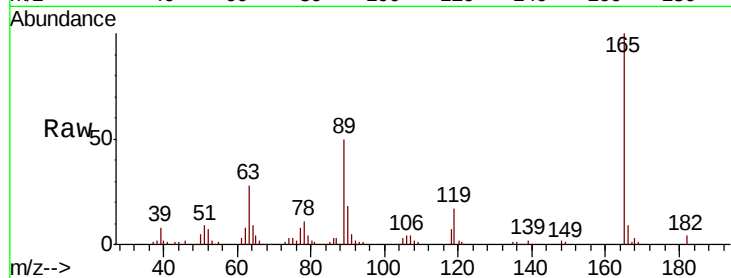
#57
 2,4-Dinitrotoluene
 Concen: 51.067 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		117591		
63	28.3	22.5	33.7		
89	50.1	37.8	56.6		
182	3.6	3.0	4.4		

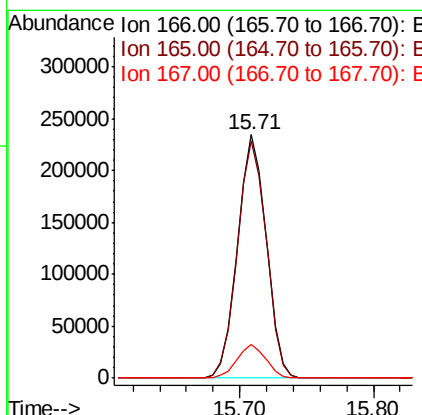
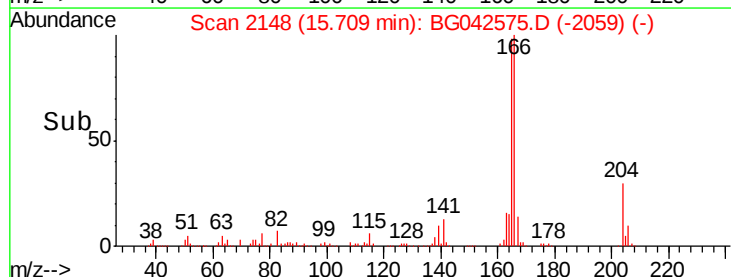
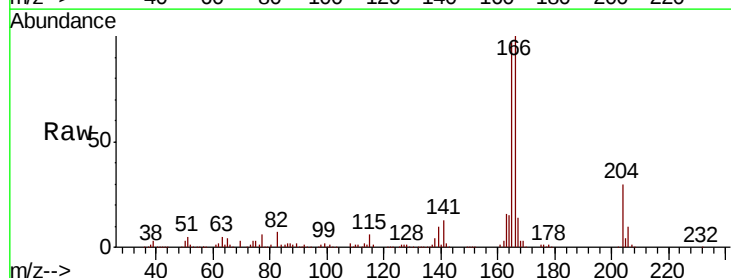
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#58
 Fluorene
 Concen: 52.647 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		348756		
165	97.4	79.7	119.5		
167	14.0	10.9	16.3		





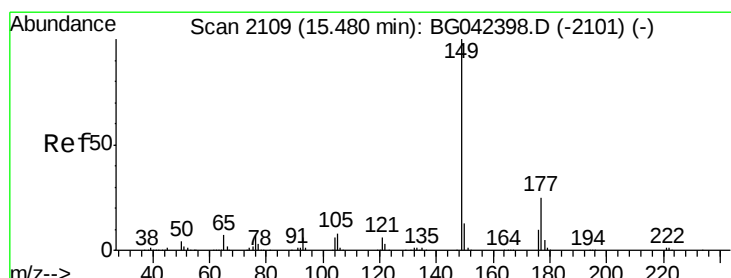
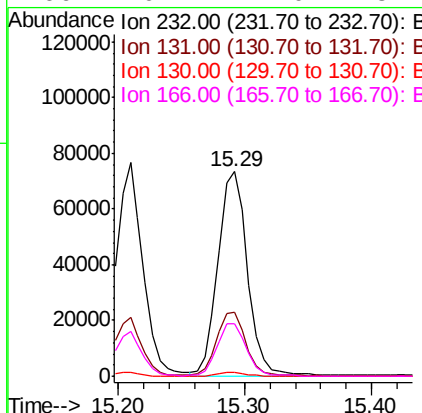
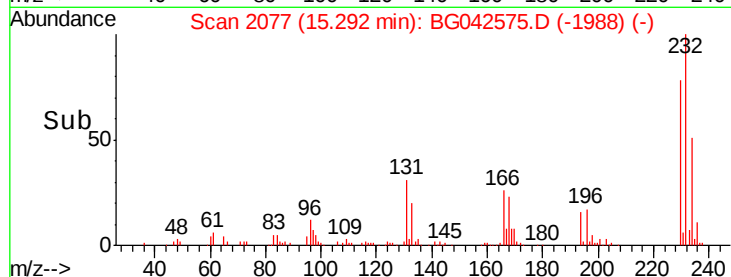
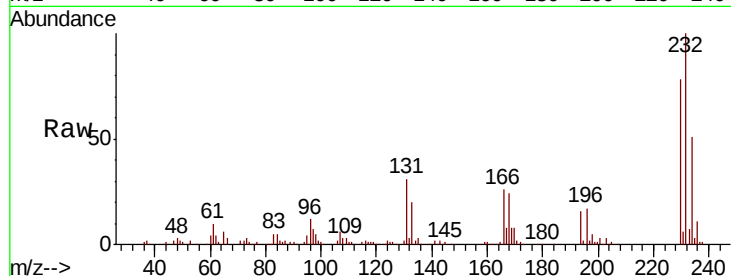
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.273 ng m
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120358		
131	26.5		22.9	34.3
130	1.6		1.4	2.0
166	20.1		17.0	25.4

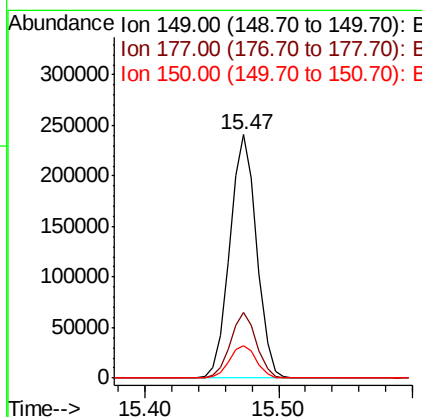
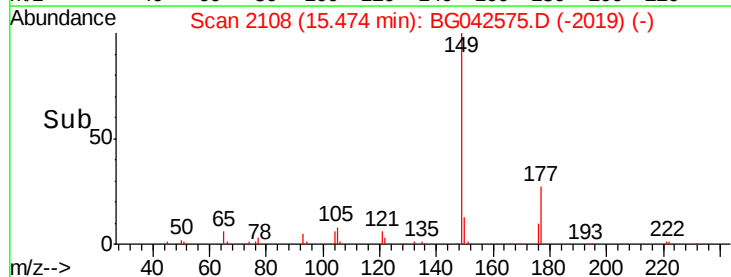
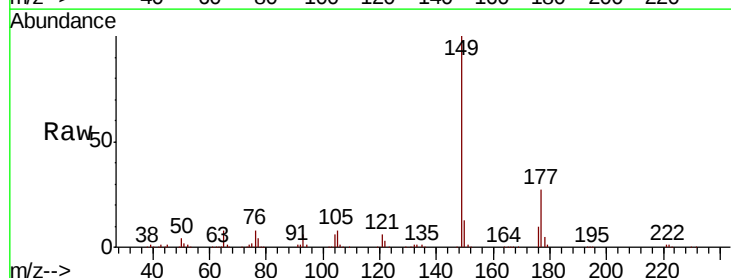
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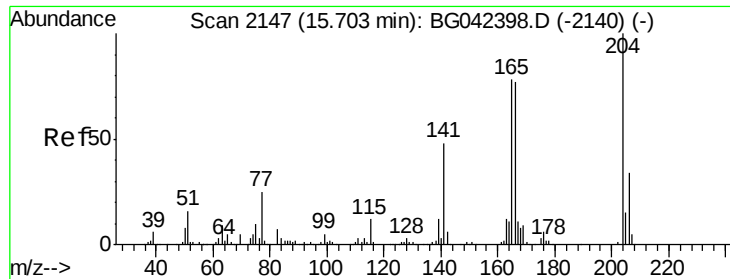
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#60
Diethylphthalate
Concen: 49.687 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	336964		
177	27.0		20.4	30.6
150	13.2		10.3	15.5





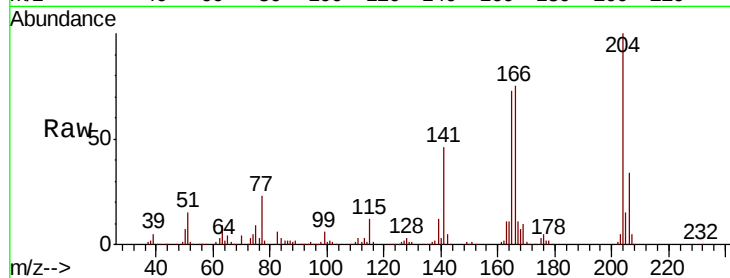
#61
4-Chlorophenyl-phenylether
Concen: 52.148 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.2	40.8
141	45.7	38.7	58.1

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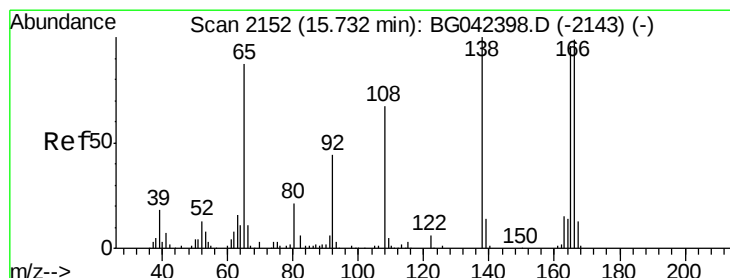
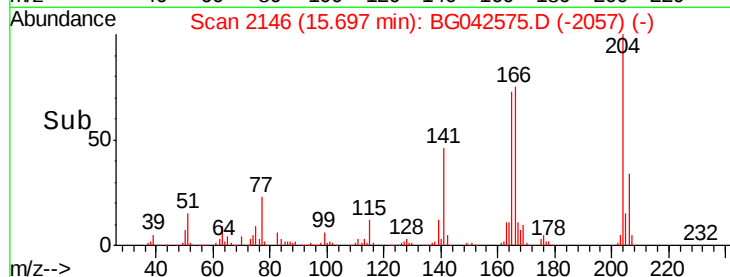
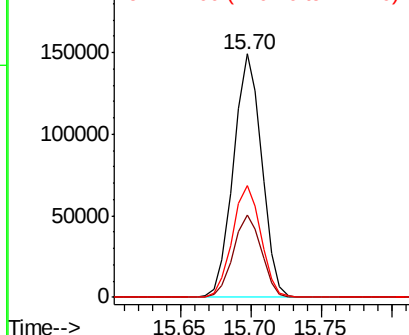


Abundance

Ion 204.00 (203.70 to 204.70): E

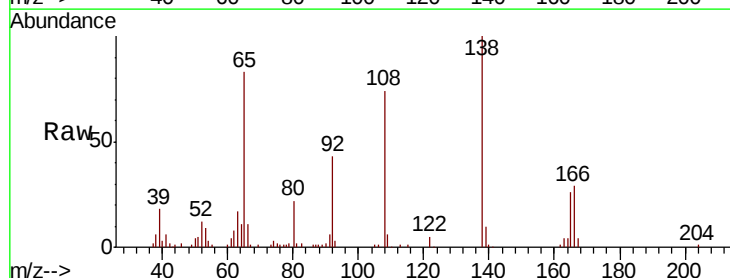
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.860 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.5	24.2	64.2
108	74.2	46.8	86.8

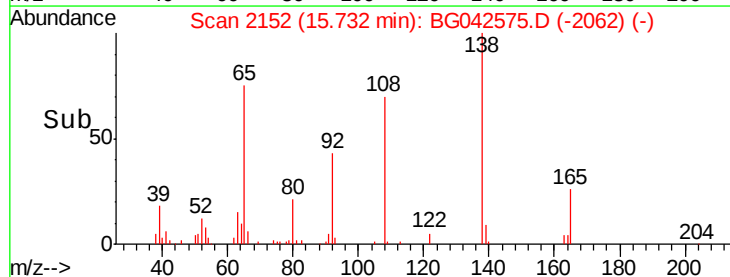
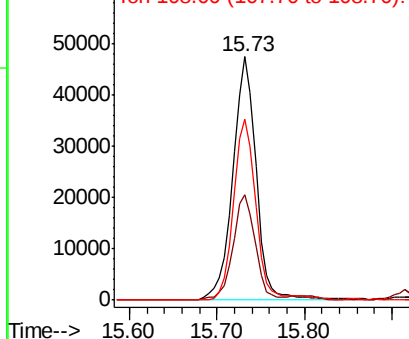


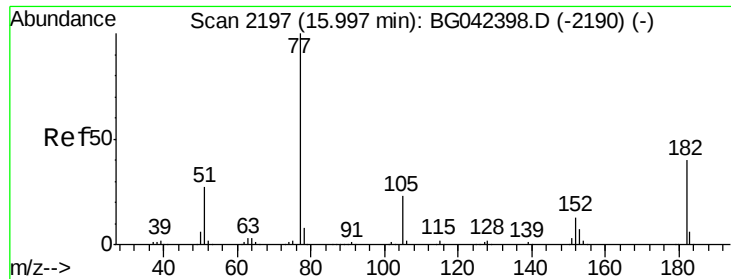
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.086 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

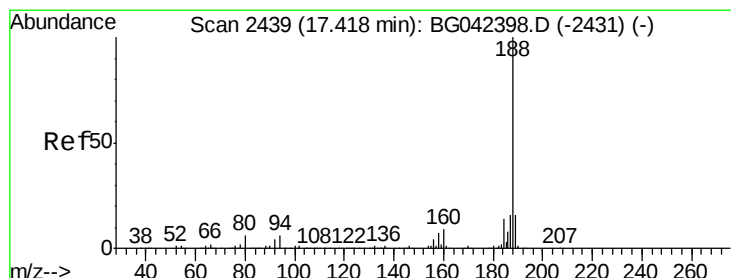
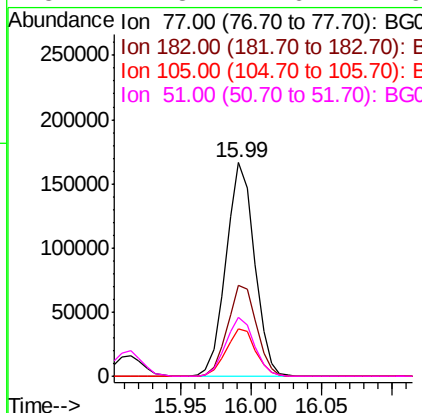
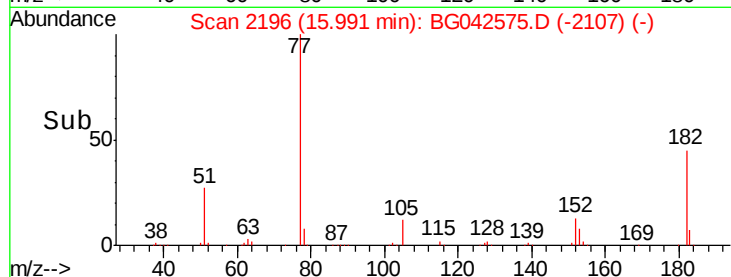
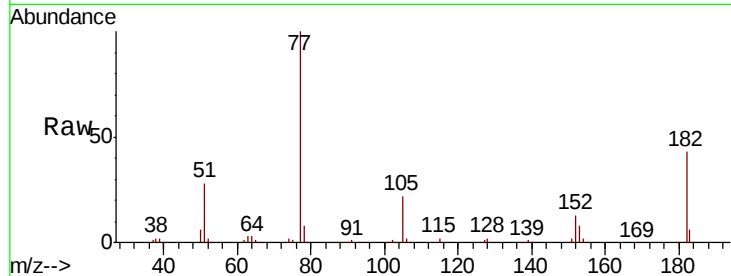
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	42.8	19.9	59.9		
105	22.4	2.9	42.9		
51	27.8	7.6	47.6		

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#64

Phenanthrene-d10

Concen: 20.000 ng

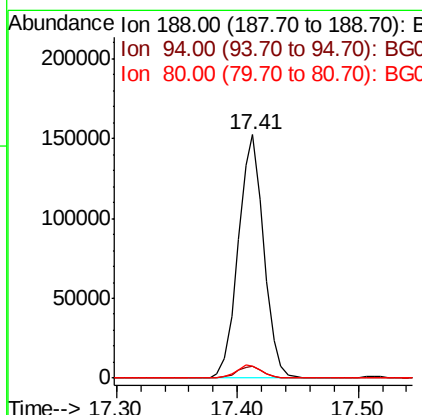
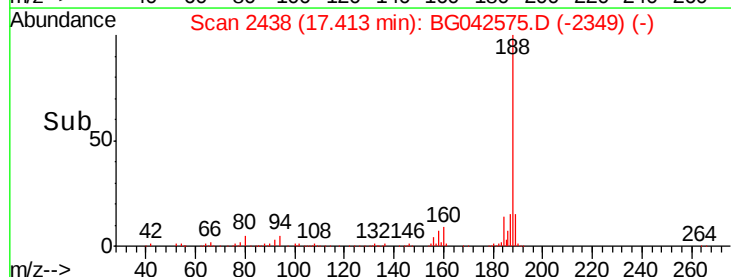
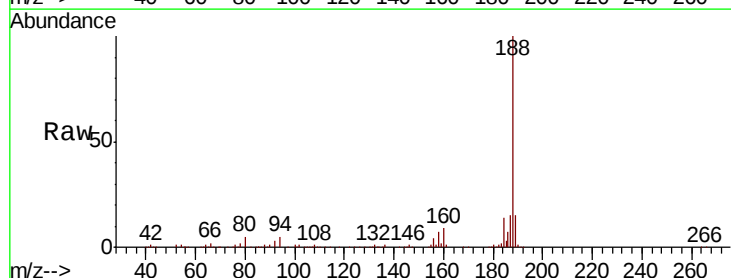
RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	4.7	4.5	6.7		
80	5.0	4.9	7.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 58.372 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

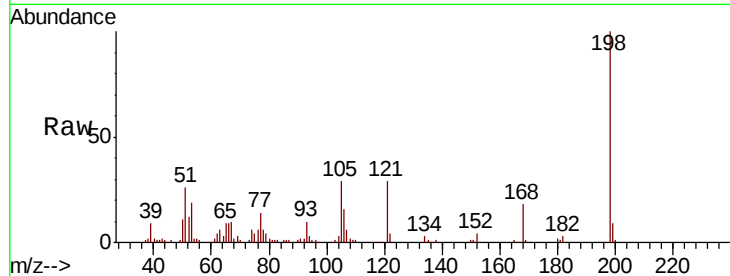
ClientSampleId :

S700A-N-1.0-1.5-082619MS

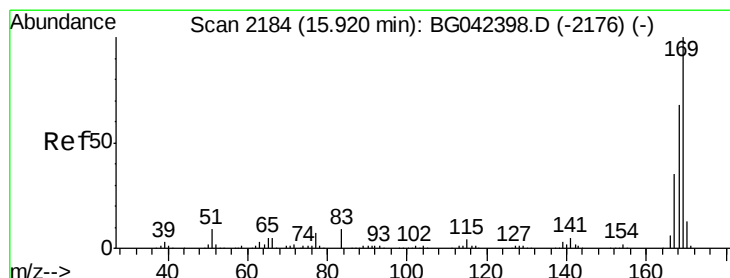
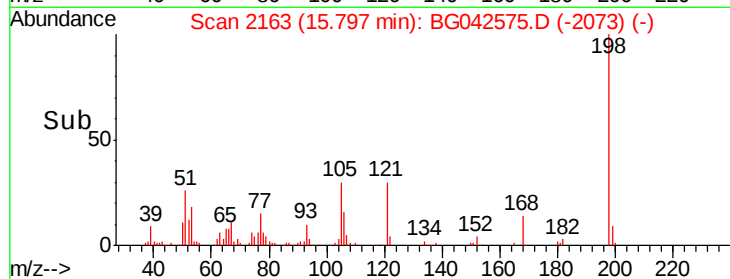
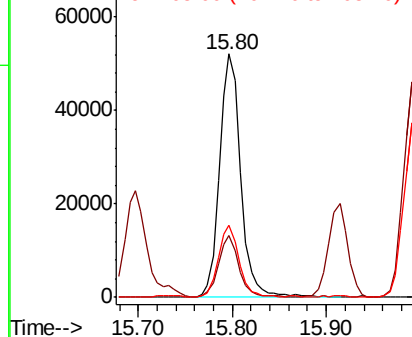
Tot Ion:	198	Resp:	81865
Ion Ratio	Lower	Upper	
198	100		
51	25.5	4.2	44.2
105	29.4	8.8	48.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.706 ng

RT: 15.91 min Scan# 2183

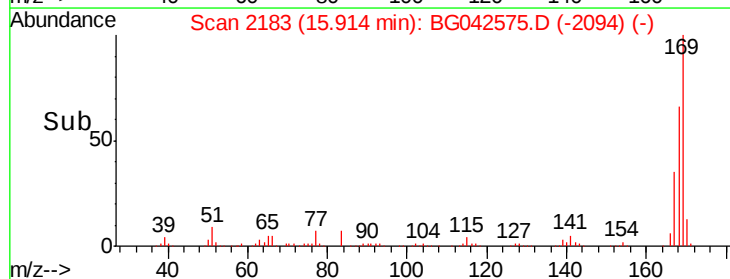
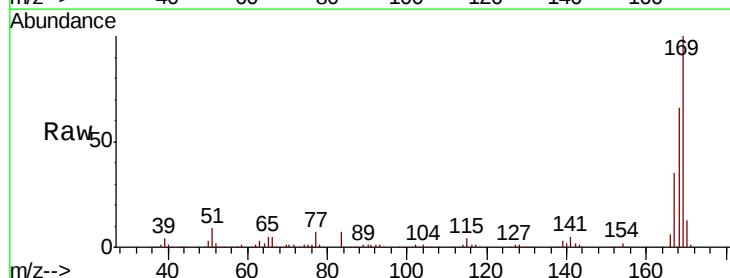
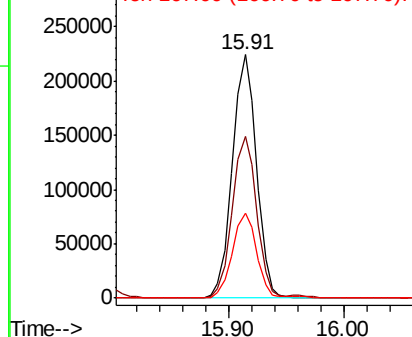
Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion:	169	Resp:	324237
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.3	81.5
167	35.0	28.2	42.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





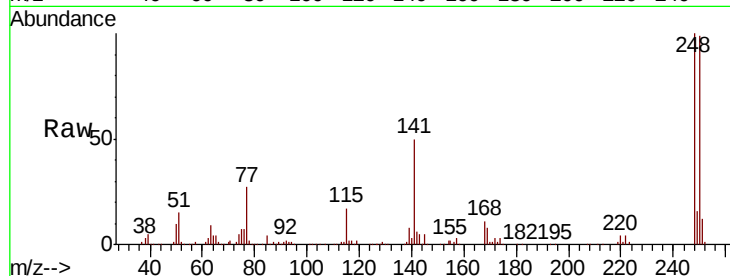
#67
 4-Bromophenyl-phenylether
 Concen: 51.871 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.9	118.3
141	49.9	43.3	64.9

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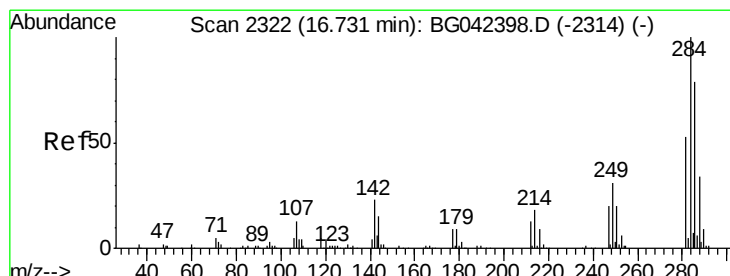
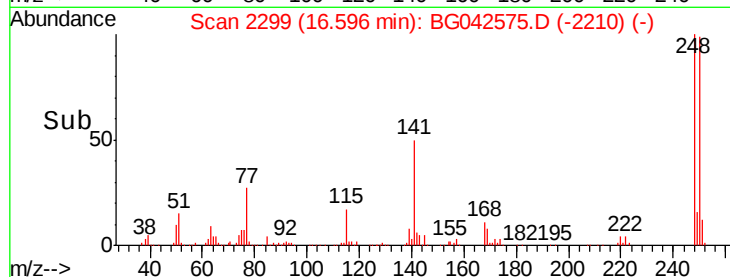
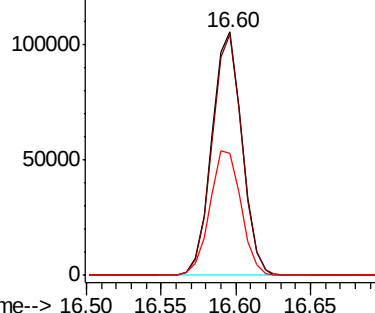


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 50.271 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

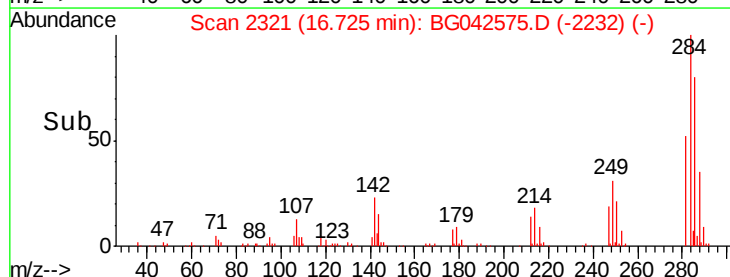
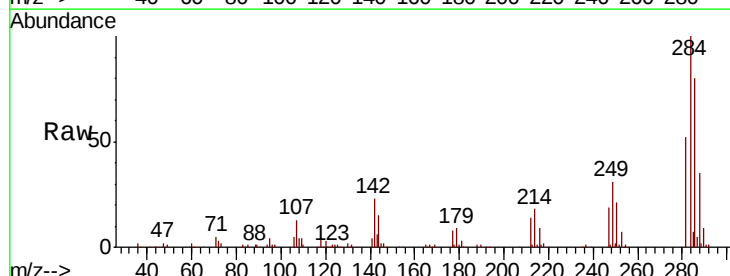
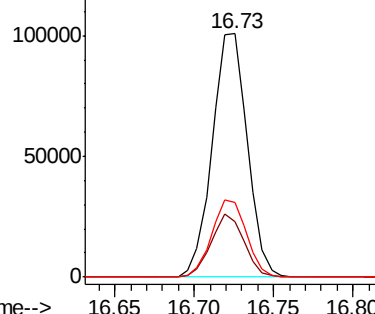
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.7	18.2	27.4
249	30.6	25.0	37.4

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





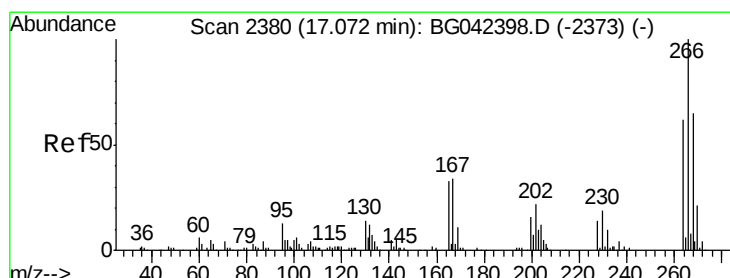
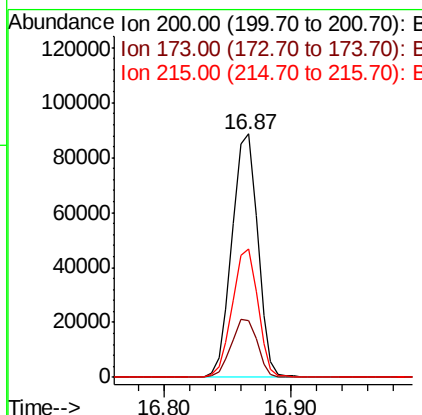
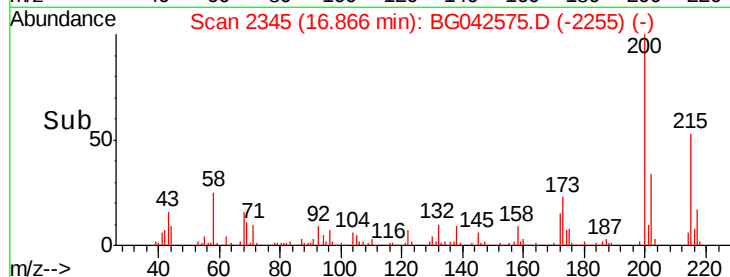
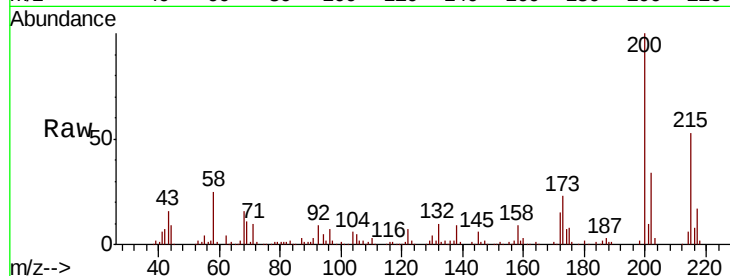
#69
Atrazine
Concen: 57.471 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.1	4.9	44.9
215	52.6	30.7	70.7

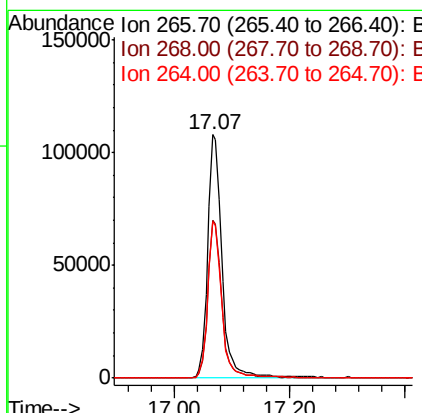
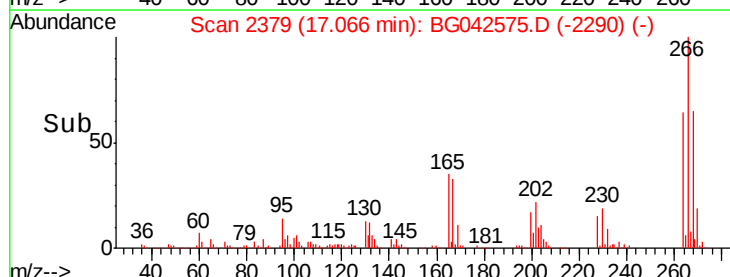
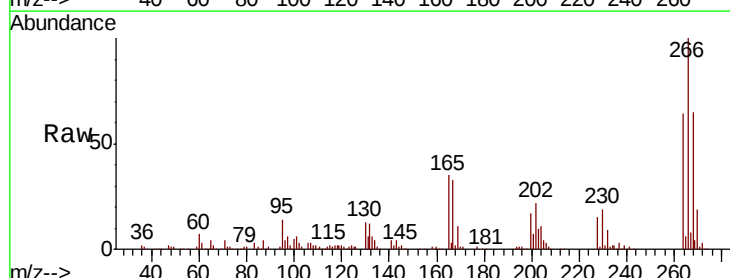
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#70
Pentachlorophenol
Concen: 119.121 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	52.1	78.1
264	64.3	49.4	74.2





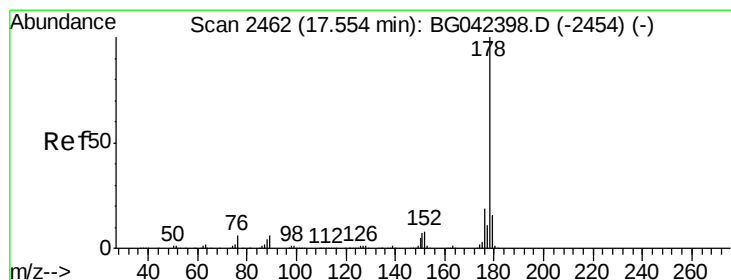
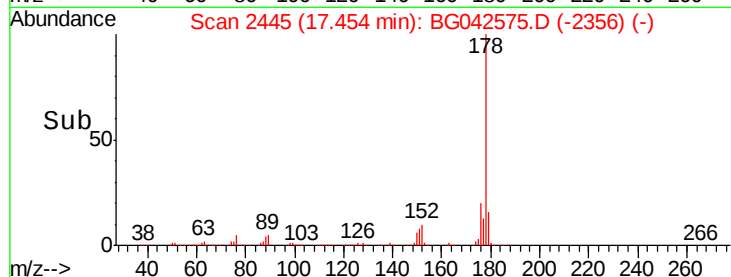
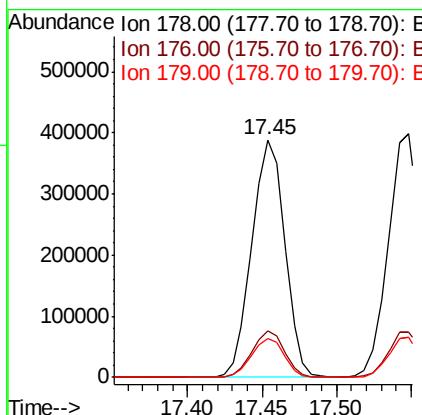
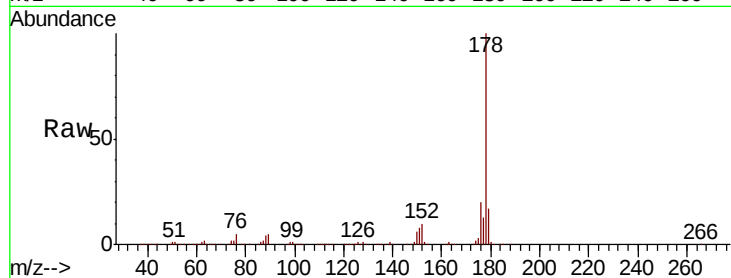
#71
Phenanthrene
Concen: 53.495 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.6	12.7	19.1

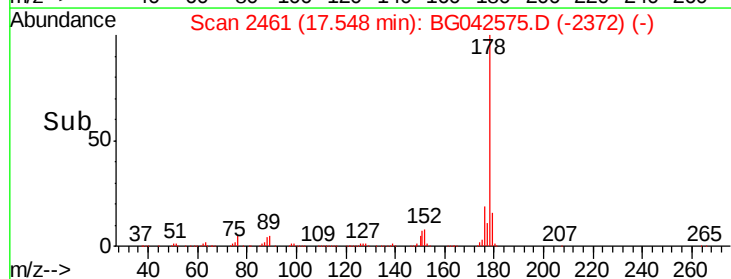
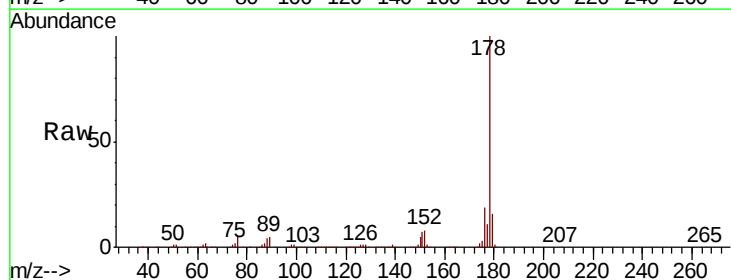
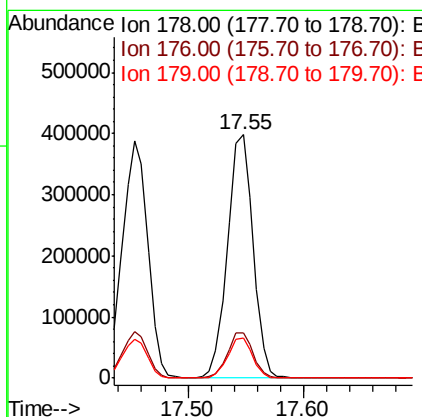
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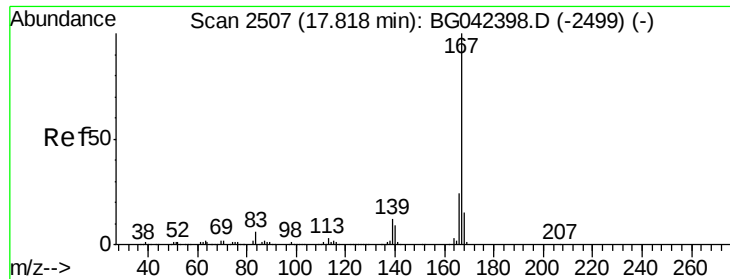
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#72
Anthracene
Concen: 54.964 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	16.3	12.9	19.3





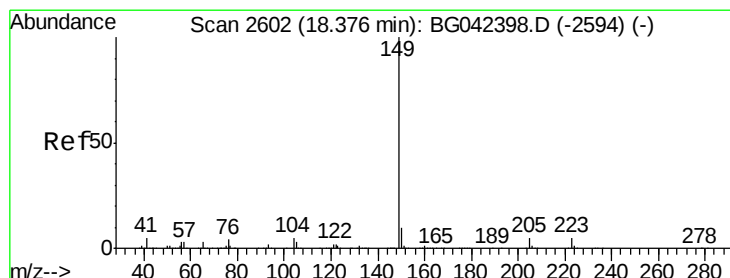
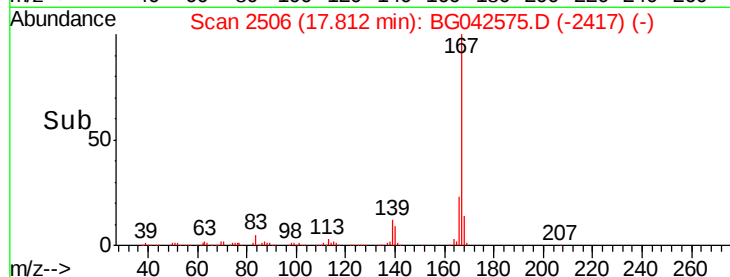
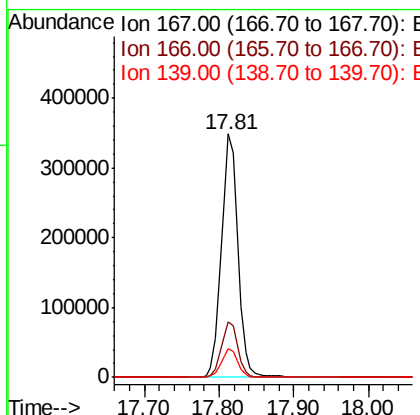
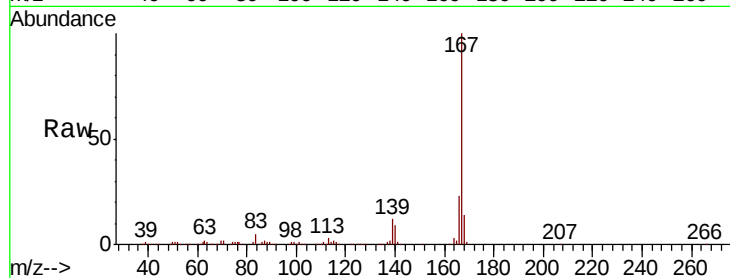
#73
 Carbazole
 Concen: 54.560 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.8	18.9	28.3	
139	11.7	9.8	14.6	

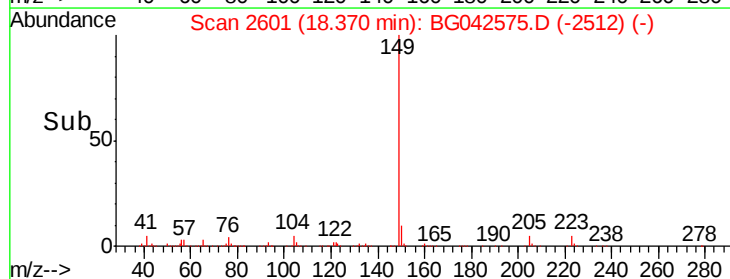
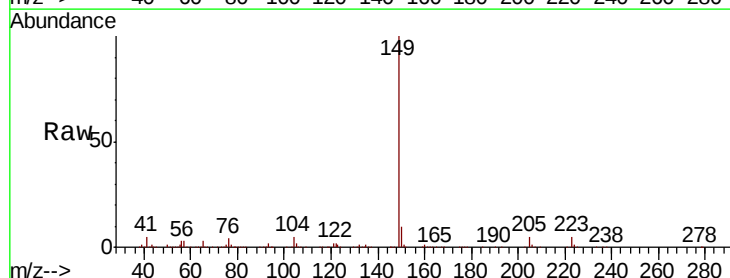
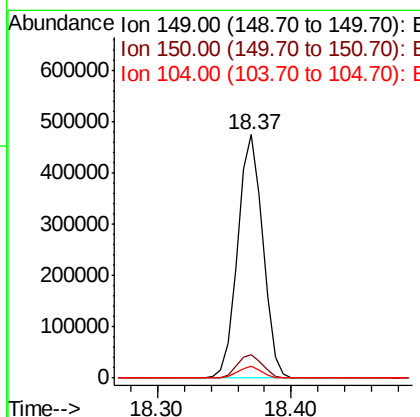
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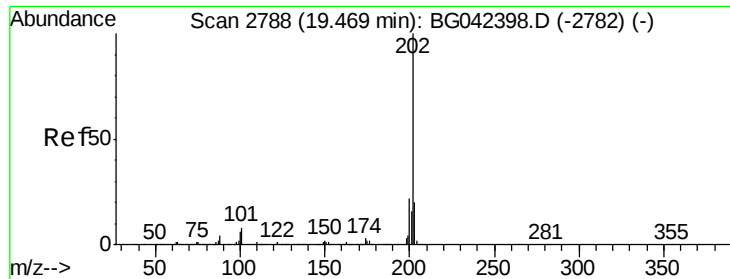
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#74
 Di-n-butylphthalate
 Concen: 53.023 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	8.1	12.1	
104	4.7	3.7	5.5	





#75

Fluoranthene

Concen: 57.465 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

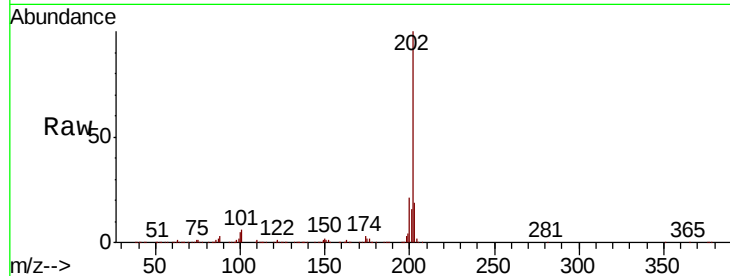
ClientSampleId :

S700A-N-1.0-1.5-082619MS

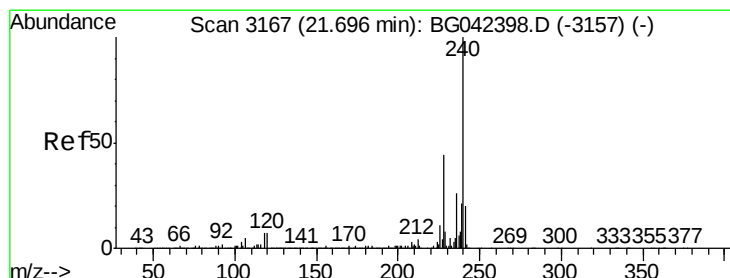
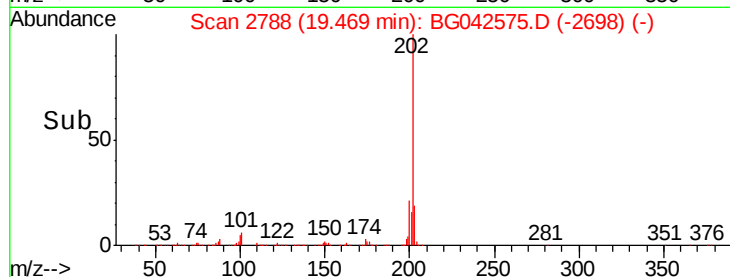
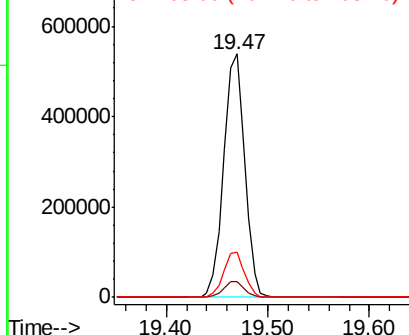
Tot Ion	Ratio	Resp	Lower	Upper
202	100	779255		
101	6.2	0.0	28.3	
203	18.8	0.0	39.6	

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



#76

Chrysene-d12

Concen: 20.000 ng

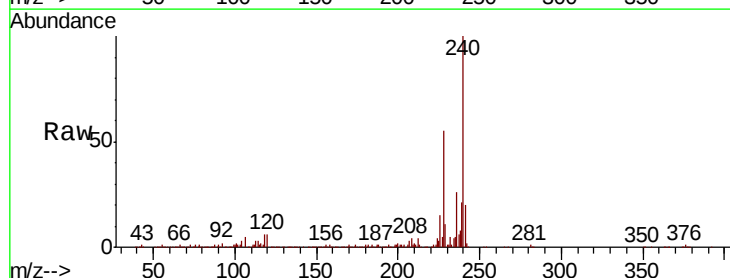
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

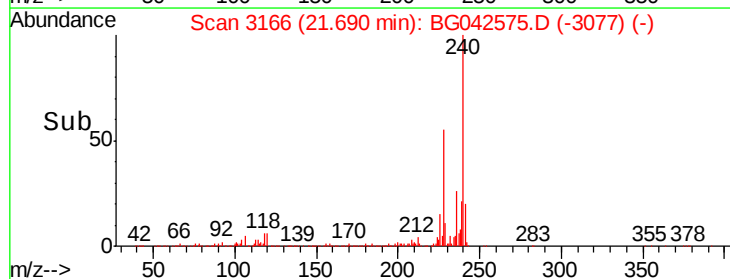
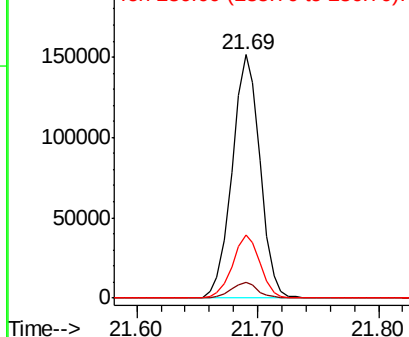
Lab File: BG042575.D

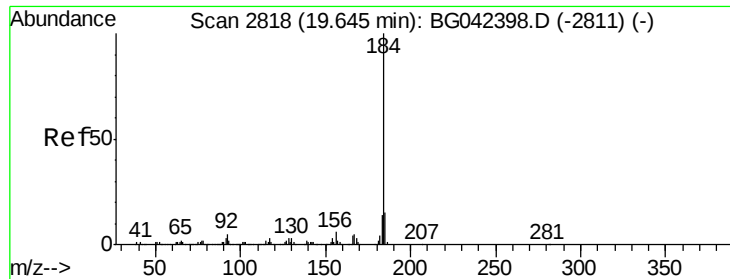
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	243346		
120	6.2	5.7	8.5	
236	26.0	21.0	31.4	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.216 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

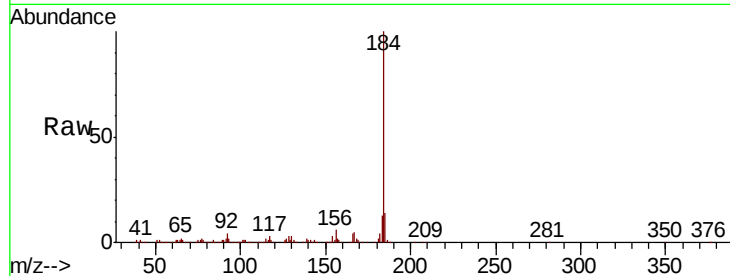
ClientSampleId :

S700A-N-1.0-1.5-082619MS

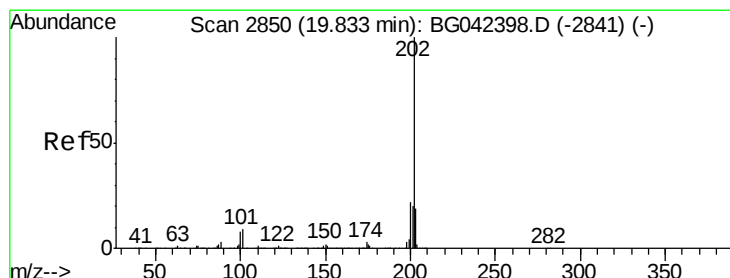
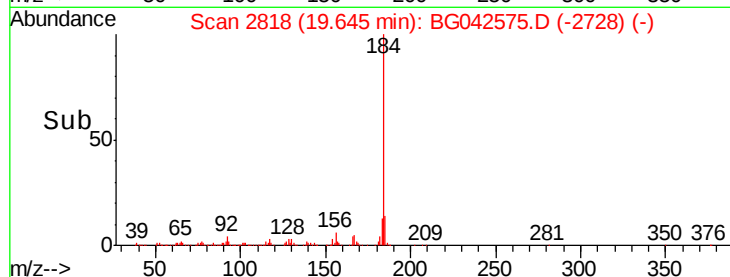
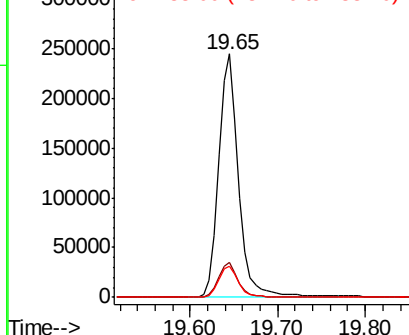
Tot Ion:	184	Resp:	385233
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.4
183	12.9	10.8	16.2

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



#78

Pyrene

Concen: 52.591 ng

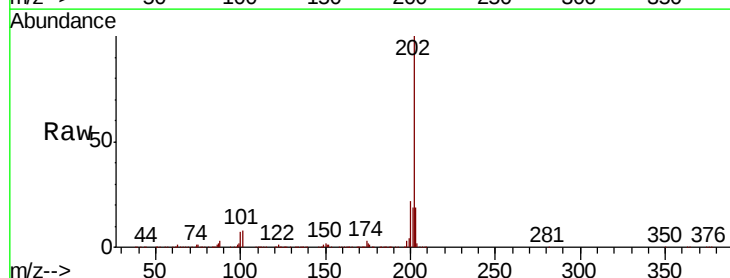
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

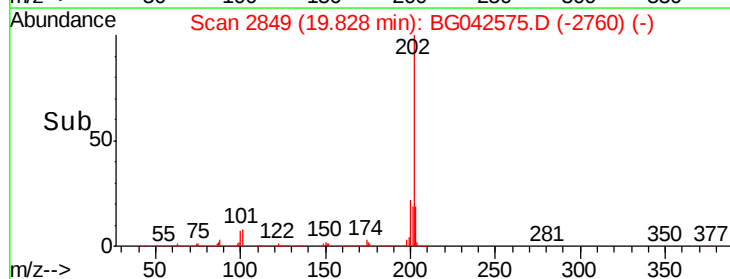
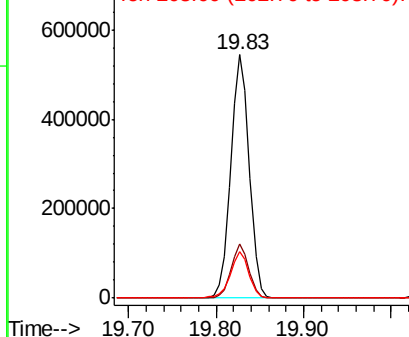
Lab File: BG042575.D

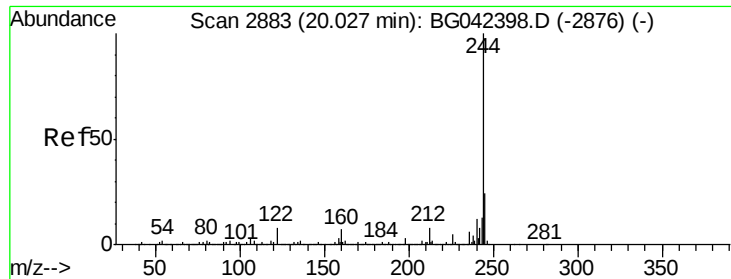
Acq: 29 Aug 2019 21:27

Tgt Ion:	202	Resp:	784624
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.6
203	19.2	15.5	23.3



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





#79

Terphenyl-d14

Concen: 88.188 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

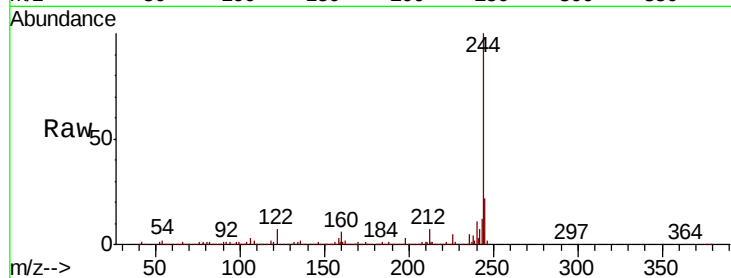
ClientSampleId :

S700A-N-1.0-1.5-082619MS

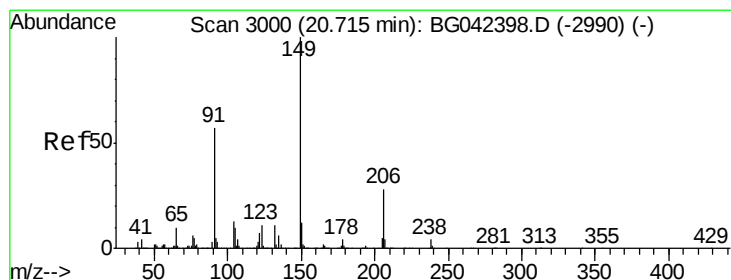
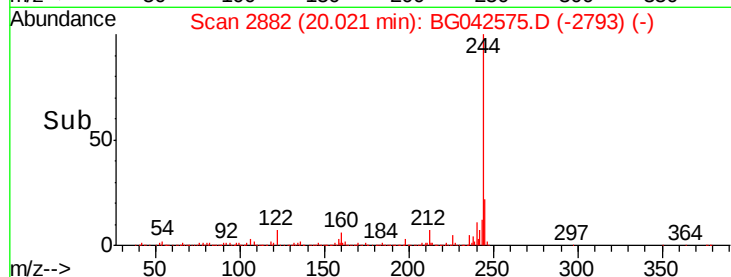
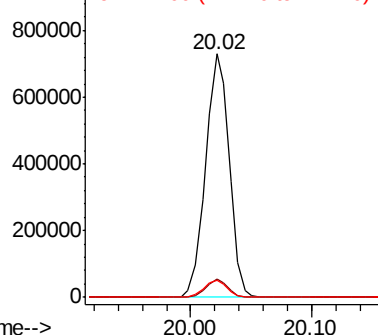
Tot Ion:	244	Resp:	992643
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	7.1	6.7	10.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.046 ng

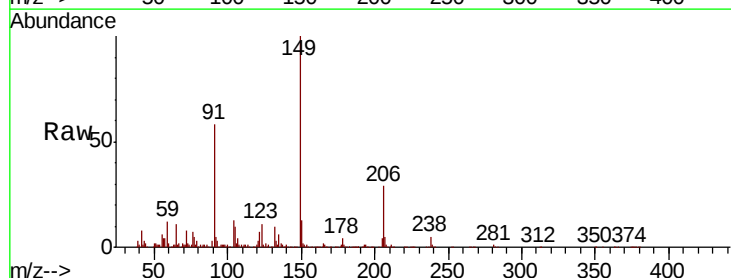
RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

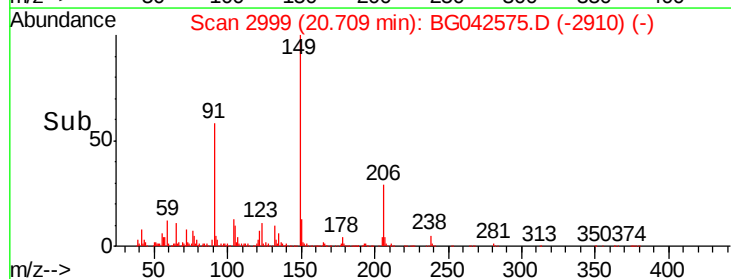
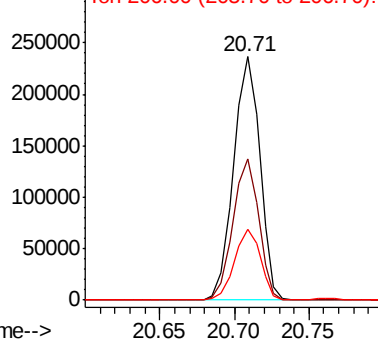
Lab File: BG042575.D

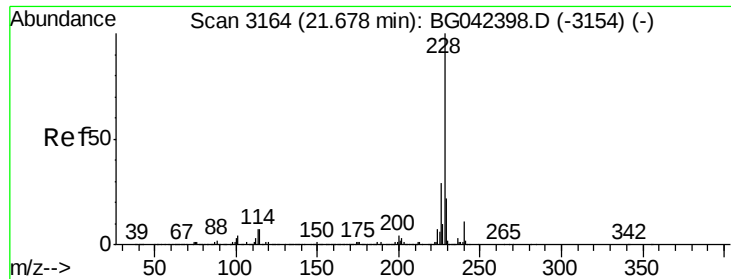
Acq: 29 Aug 2019 21:27

Tgt Ion:	149	Resp:	287810
Ion Ratio	Lower	Upper	
149	100		
91	58.1	45.9	68.9
206	29.0	22.5	33.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.186 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Instrument :

BNA_G

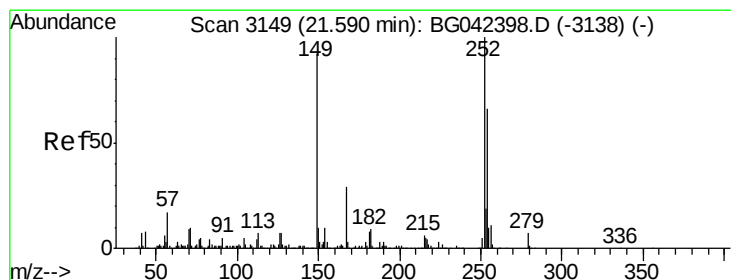
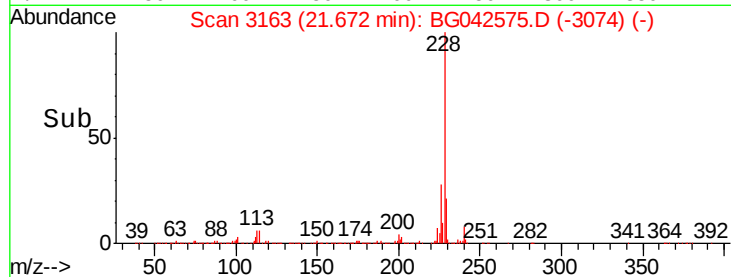
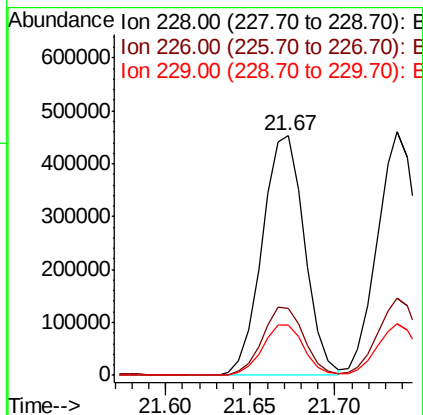
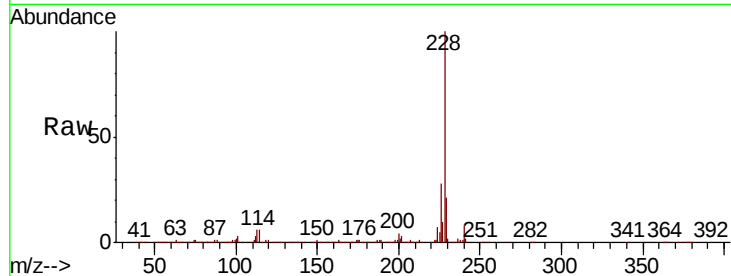
ClientSampleId :

S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	21.0	17.4	26.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.090 ng

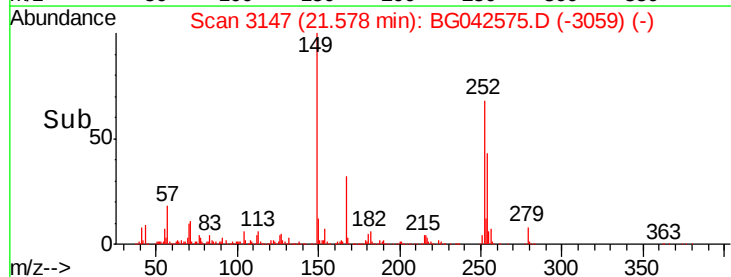
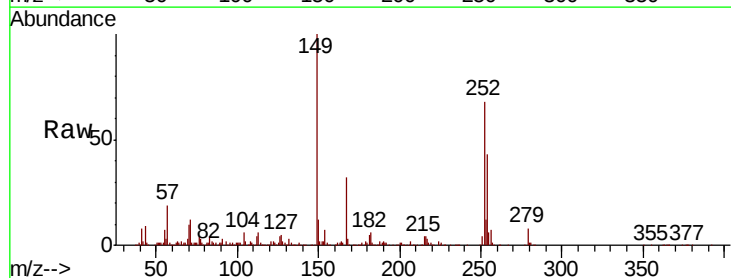
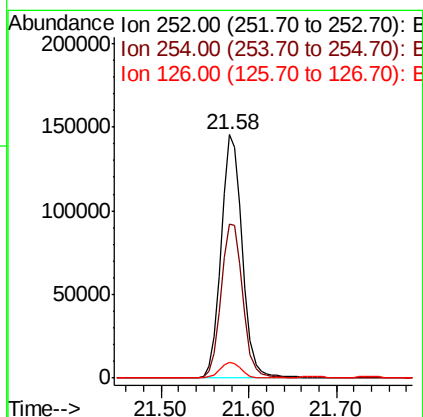
RT: 21.58 min Scan# 3147

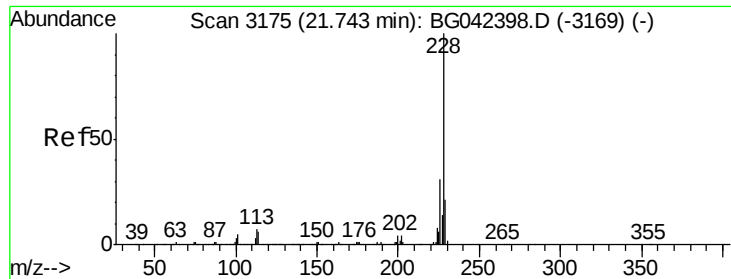
Delta R.T. -0.01 min

Lab File: BG042575.D

Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.0	79.4
126	6.3	5.7	8.5





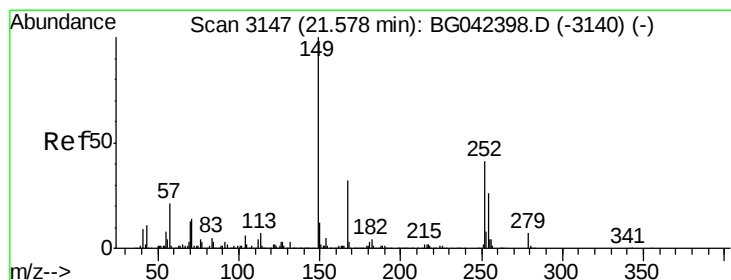
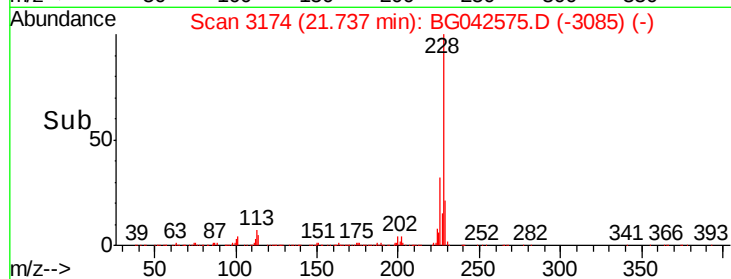
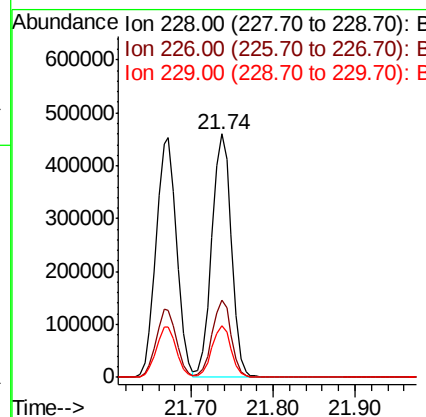
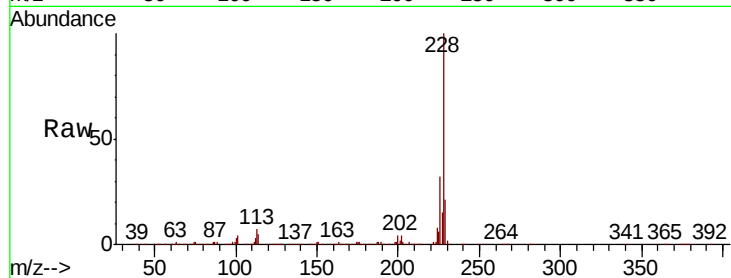
#83
 Chrysene
 Concen: 53.559 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Instrument :
 BNA_G
 ClientSampleId :
 S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.0	16.9	25.3

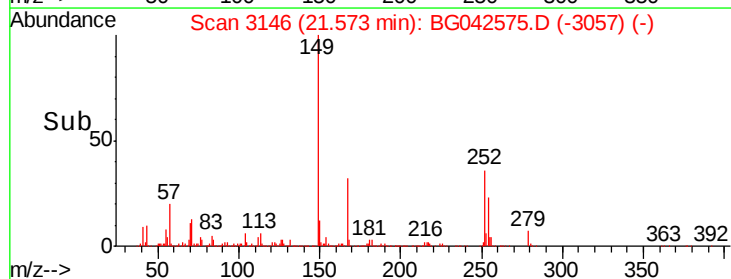
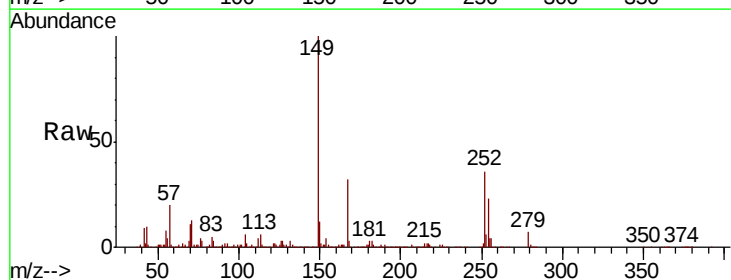
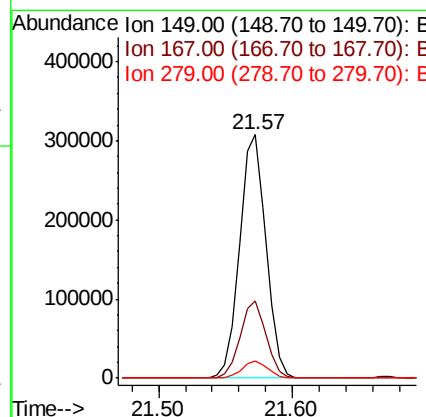
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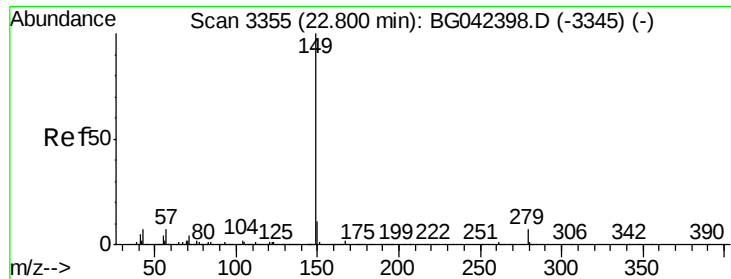
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.560 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042575.D
 Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	26.0	39.0
279	7.2	5.4	8.0





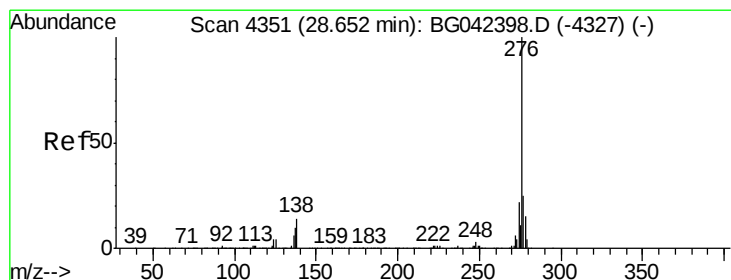
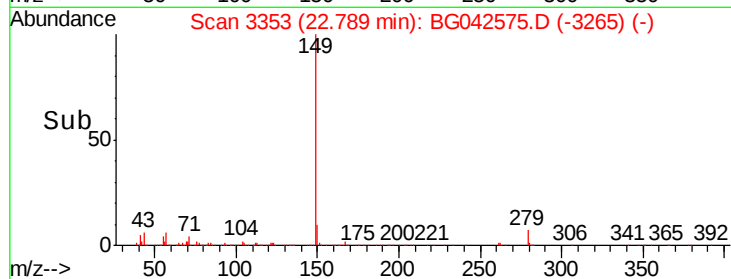
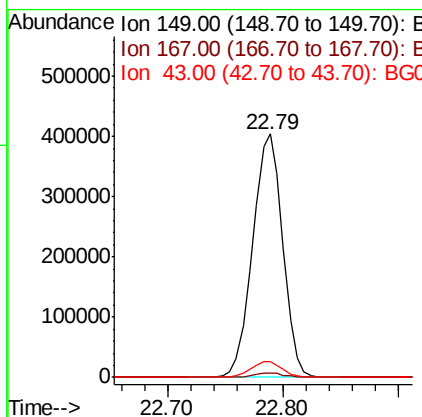
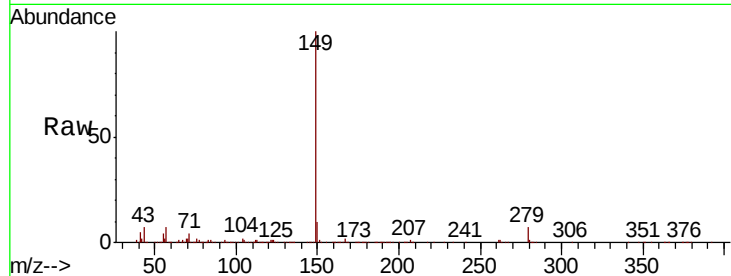
#85
Di-n-octyl phthalate
Concen: 51.946 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.4	5.3	7.9

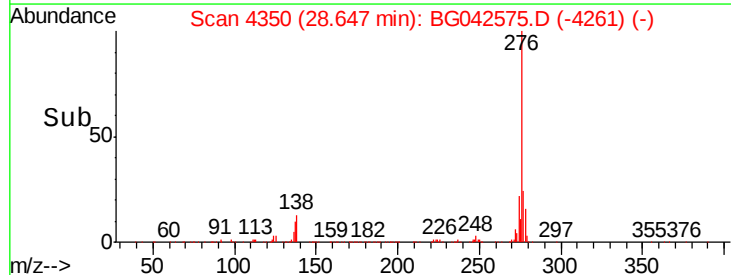
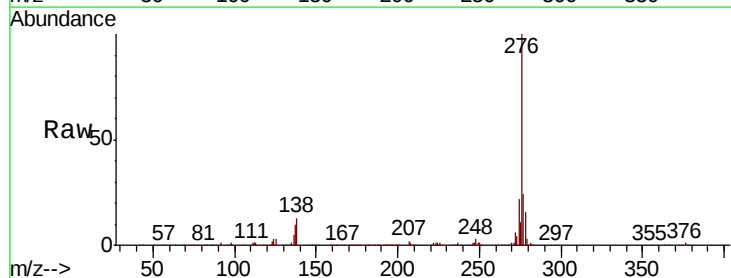
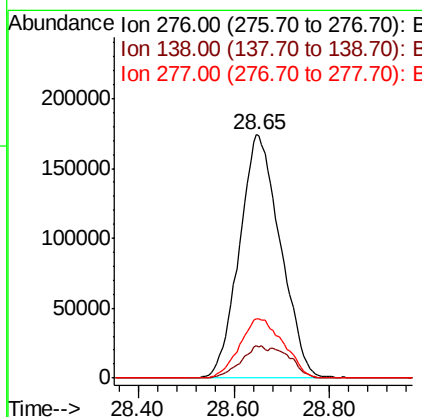
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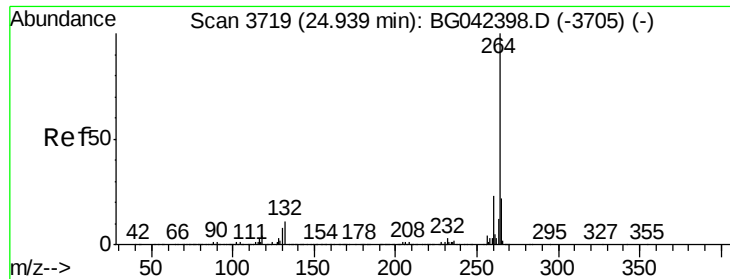
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.227 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	9.2	13.8#
277	26.3	21.0	31.6





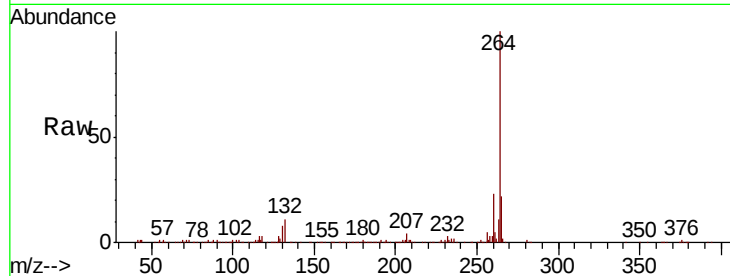
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.5	17.6	26.4

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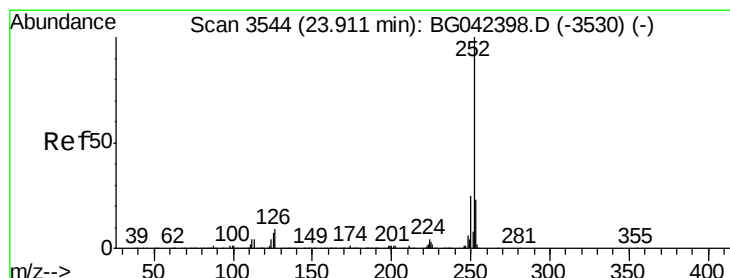
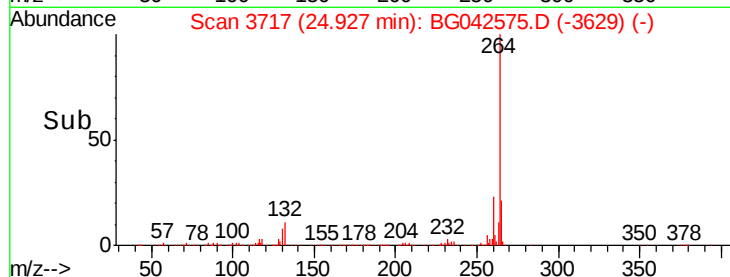
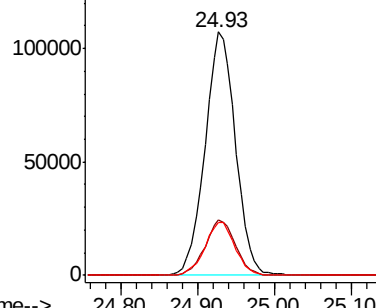


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 54.503 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

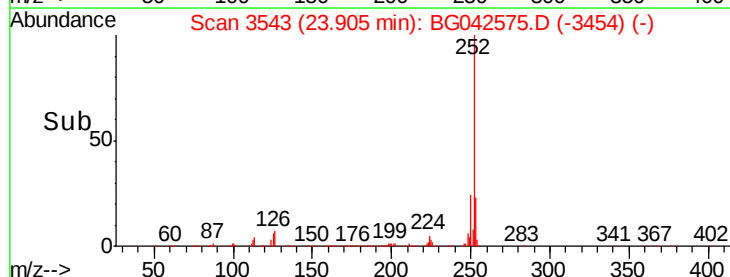
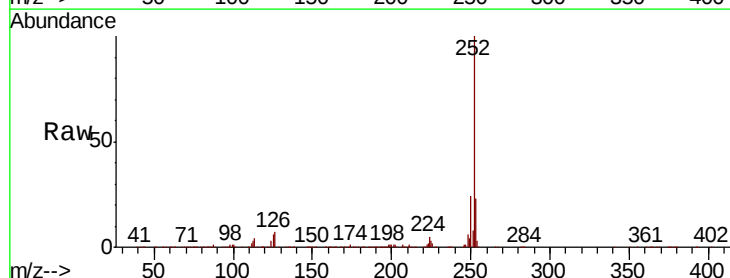
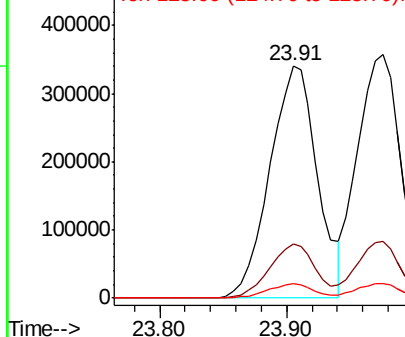
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	6.2	5.6	8.4

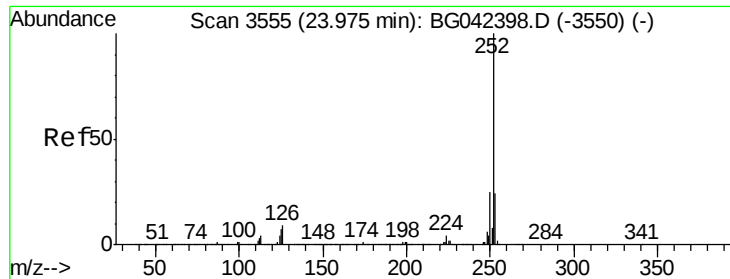
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





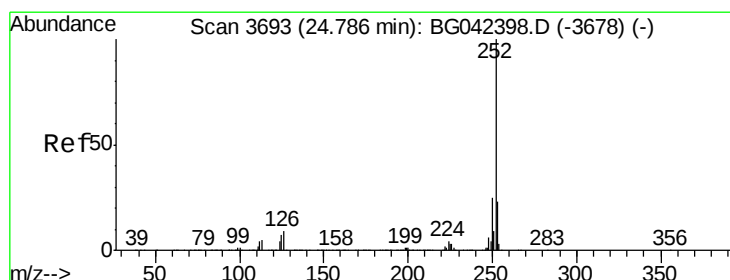
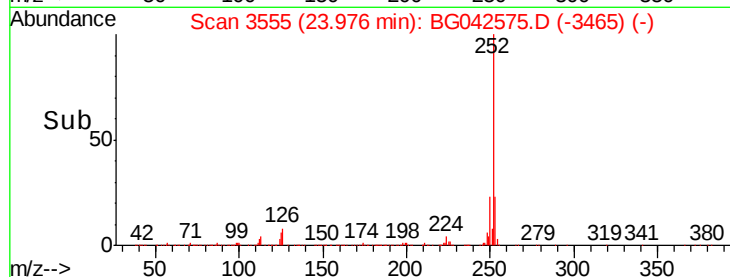
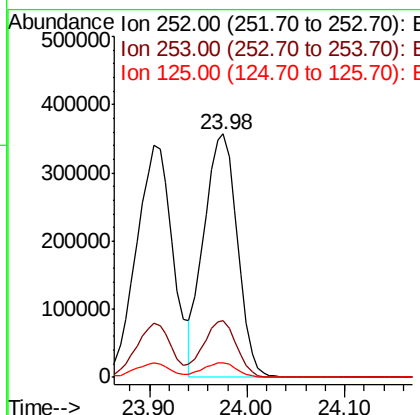
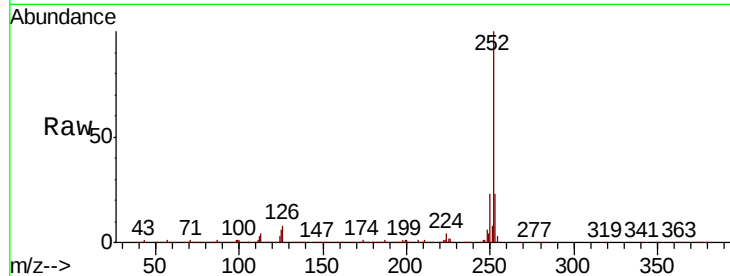
#89
Benzo(k)fluoranthene
Concen: 53.910 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	843998		
253	23.1		18.6	27.8
125	6.0		5.8	8.6

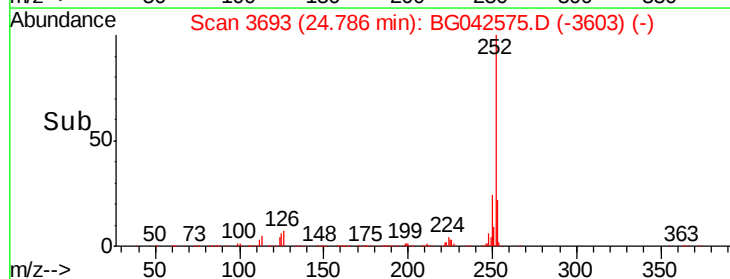
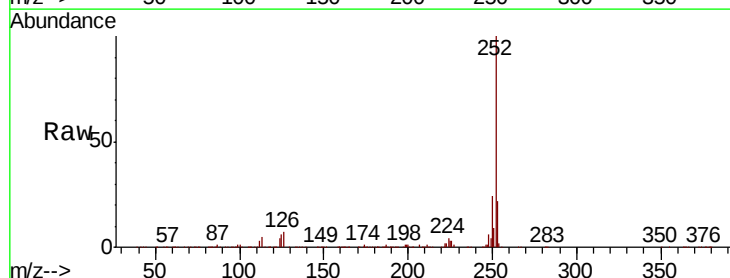
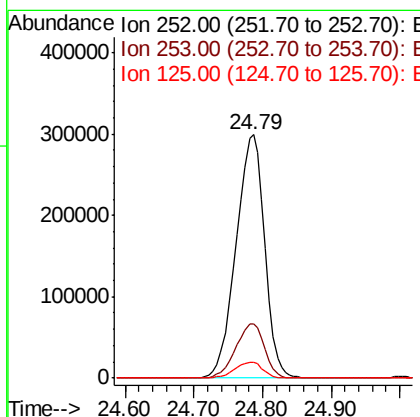
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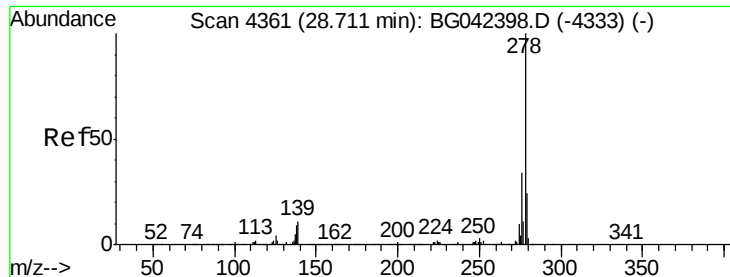
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#90
Benzo(a)pyrene
Concen: 56.065 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	866500		
253	22.5		18.4	27.6
125	6.2		6.0	9.0





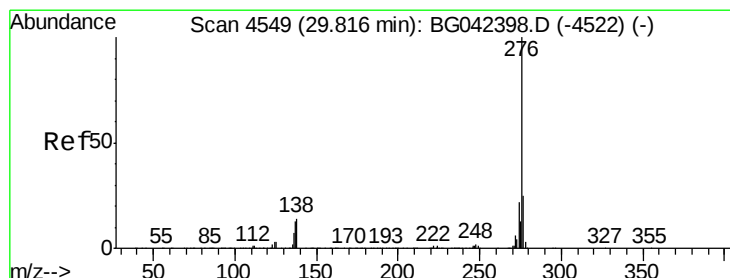
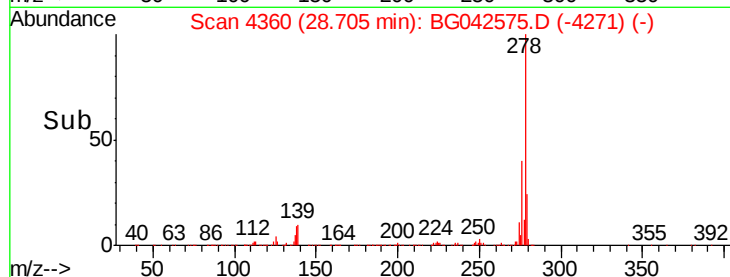
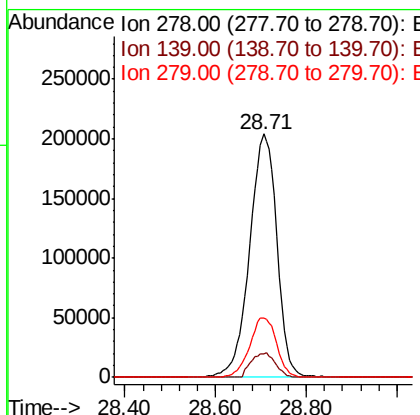
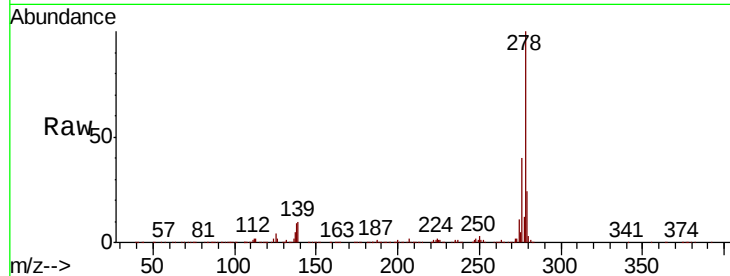
#91
Dibenzo(a,h)anthracene
Concen: 54.388 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Instrument :
BNA_G
ClientSampleId :
S700A-N-1.0-1.5-082619MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.8	13.2
279	24.5	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:15 PM



#92
Benzo(g,h,i)perylene
Concen: 55.108 ng
RT: 29.82 min Scan# 4549
Delta R.T. 0.00 min
Lab File: BG042575.D
Acq: 29 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	12.9	11.4	17.0

