

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042500.D
 Acq On : 26 Aug 2019 15:02
 Operator : HP/JU
 Sample : PB122533BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:51:40 AM

Quant Time: Aug 27 02:14:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42757	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	177395	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	125058	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	279225	20.00	ng	0.00
76) Chrysene-d12	21.69	240	310588	20.00	ng	0.00
87) Perylene-d12	24.92	264	356803	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	277152	131.28	ng	0.00
7) Phenol-d6	7.17	99	346826	121.62	ng	0.00
23) Nitrobenzene-d5	9.17	82	176018	68.57	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	188340	105.96	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	536565	72.57	ng	0.00
79) Terphenyl-d14	20.02	244	997921	69.46	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	37361	42.406	ng	100
3) Pyridine	3.81	79	80464	35.617	ng	98
4) n-Nitrosodimethylamine	3.73	42	34853	43.194	ng	85
6) Aniline	7.32	93	128379	33.753	ng	98
8) 2-Chlorophenol	7.56	128	120357	47.041	ng	99
9) Benzaldehyde	7.13	77	75070	52.582	ng	99
10) Phenol	7.19	94	139228	48.019	ng	100
11) bis(2-Chloroethyl)ether	7.41	93	103609	45.500	ng	97
12) 1,3-Dichlorobenzene	7.89	146	136771	42.021	ng	97
13) 1,4-Dichlorobenzene	8.03	146	139232	42.231	ng	97
14) 1,2-Dichlorobenzene	8.36	146	132227	41.880	ng	98
15) Benzyl Alcohol	8.24	79	88570	43.170	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	127721	41.383	ng	98
17) 2-Methylphenol	8.45	107	95566	44.749	ng	96
18) Hexachloroethane	9.09	117	47215	41.833	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	76078	41.179	ng	99
20) 3+4-Methylphenols	8.78	107	131401	44.465	ng	98
22) Acetophenone	8.83	105	165870	43.717	ng	# 98
24) Nitrobenzene	9.21	77	113688	43.734	ng	98
25) Isophorone	9.74	82	209319	41.317	ng	99
26) 2-Nitrophenol	9.92	139	72839	44.713	ng	99
27) 2,4-Dimethylphenol	9.99	122	110375	49.187	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	135493	42.433	ng	99
29) 2,4-Dichlorophenol	10.47	162	130666	44.506	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	145880	40.481	ng	99
31) Naphthalene	10.87	128	358524	43.531	ng	100
32) Benzoic acid	10.14	122	54835	36.109	ng	97
33) 4-Chloroaniline	10.98	127	92219	24.256	ng	96
34) Hexachlorobutadiene	11.16	225	94918	39.191	ng	99
35) Caprolactam	11.75	113	39542m	40.363	ng	
36) 4-Chloro-3-methylphenol	12.12	107	117708	42.234	ng	96
37) 2-Methylnaphthalene	12.48	142	283788	42.913	ng	99
38) 1-Methylnaphthalene	12.70	142	261336	41.603	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	175679	43.744	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	207111	98.176	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	116012	42.736	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	121455	43.175	nq	96
46) 1,1'-Biphenyl	13.49	154	367307	45.437	nq	99
47) 2-Chloronaphthalene	13.53	162	296600	42.551	nq	99
48) 2-Nitroaniline	13.74	65	67814	40.345	nq	98
49) Acenaphthylene	14.38	152	467526	44.583	nq	100
50) Dimethylphthalate	14.11	163	369266	40.923	nq	99
51) 2,6-Dinitrotoluene	14.23	165	88818	42.465	nq	92
52) Acenaphthene	14.72	154	269931	42.390	nq	98
53) 3-Nitroaniline	14.56	138	60658	28.999	nq	99
54) 2,4-Dinitrophenol	14.78	184	96292	69.213	nq	96
55) Dibenzofuran	15.06	168	459123	43.558	nq	100
56) 4-Nitrophenol	14.88	139	133050	89.515	nq	98
57) 2,4-Dinitrotoluene	15.02	165	123545	41.250	nq	97
58) Fluorene	15.71	166	367459	42.647	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	119081m	42.805	nq	
60) Diethylphthalate	15.47	149	355743	40.330	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	211207	40.664	nq	98
62) 4-Nitroaniline	15.73	138	87524	39.096	nq	98
63) Azobenzene	15.99	77	259160	42.877	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	77499	44.269	nq	98
66) n-Nitrosodiphenylamine	15.91	169	338824	44.124	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	143749	40.587	nq	99
68) Hexachlorobenzene	16.72	284	150352	39.050	nq	96
69) Atrazine	16.86	200	122647	45.166	nq	96
70) Pentachlorophenol	17.07	266	173750	86.854	nq	98
71) Phenanthrene	17.45	178	609646	43.956	nq	99
72) Anthracene	17.54	178	625886	45.203	nq	100
73) Carbazole	17.81	167	560614	45.430	nq	99
74) Di-n-butylphthalate	18.37	149	648452	44.454	nq	99
75) Fluoranthene	19.47	202	806821	47.665	nq	99
77) Benzidine	19.64	184	447710	50.278	nq	100
78) Pyrene	19.82	202	808541	42.461	nq	99
80) Butylbenzylphthalate	20.71	149	322784	43.097	nq	98
81) Benzo(a)anthracene	21.67	228	821390	43.474	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	253948	33.420	nq	97
83) Chrysene	21.73	228	803247	44.083	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	461686	44.398	nq	98
85) Di-n-octyl phthalate	22.79	149	812626	45.435	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1054863	42.600	nq	# 95
88) Benzo(b)fluoranthene	23.90	252	896186	45.687	nq	99
89) Benzo(k)fluoranthene	23.97	252	906910	48.100	nq	100
90) Benzo(a)pyrene	24.78	252	896083	48.141	nq	100
91) Dibenzo(a,h)anthracene	28.70	278	871900	46.263	nq	99
92) Benzo(g,h,i)perylene	29.79	276	883369	46.865	nq	98

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



#1

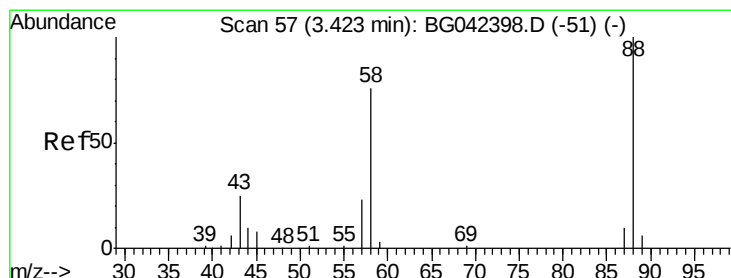
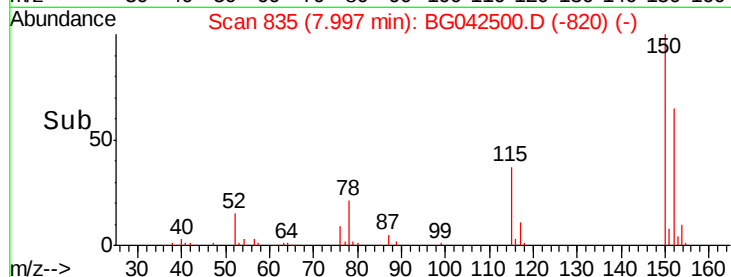
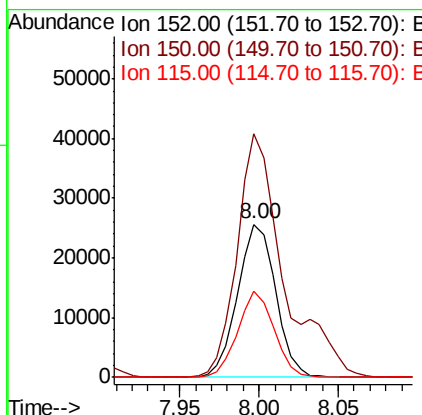
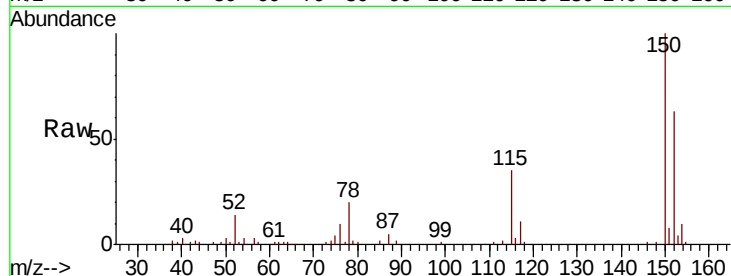
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampled :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.4	188.0
115	55.9	38.5	57.7

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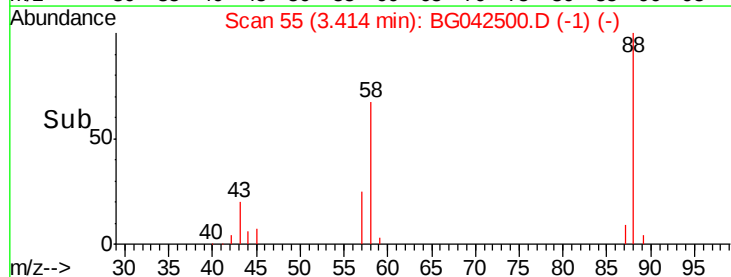
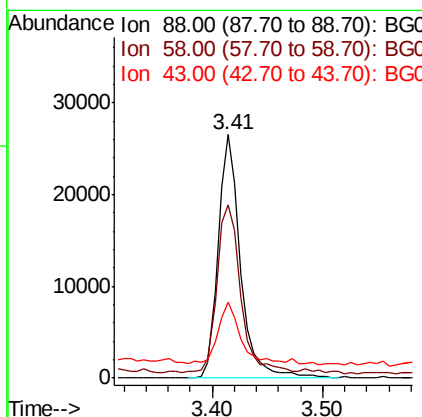
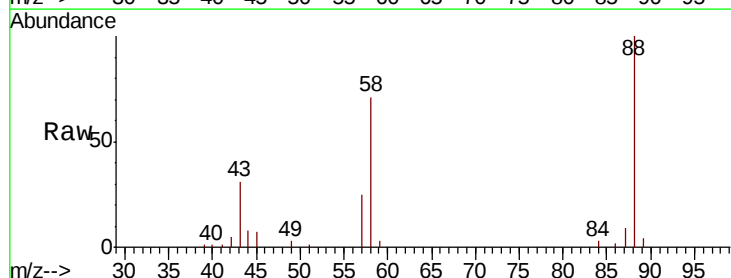
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#2

1,4-Dioxane
Concen: 42.406 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.3	87.5
43	25.5	20.2	30.2





#3

Pvridine

Concen: 35.617 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

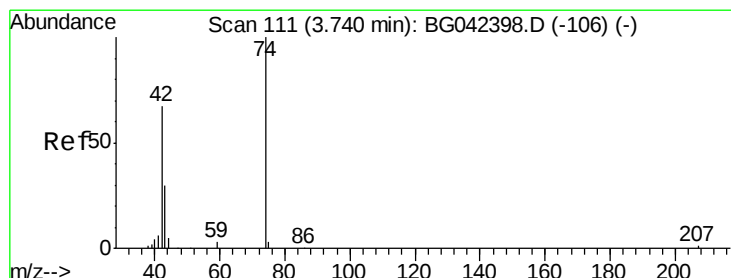
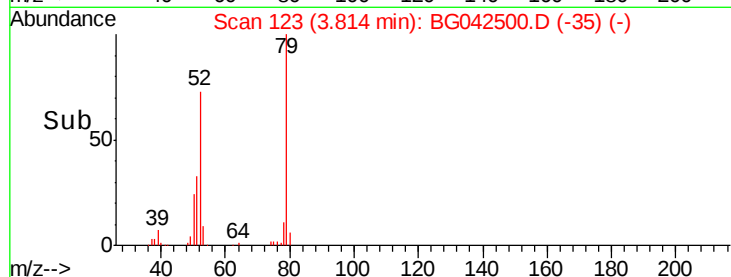
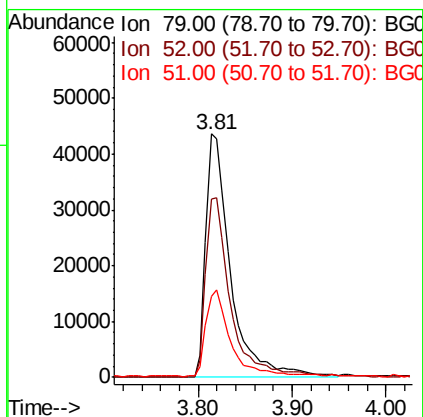
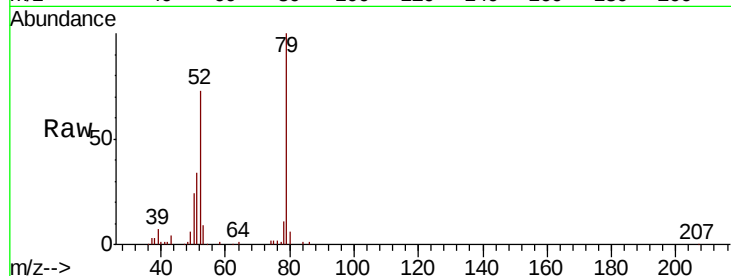
ClientSampleId :

PB122533BSD

Tot Ion:	79	Resp:	80464
Ion	Ratio	Lower	Upper
79	100		
52	73.3	57.7	86.5
51	33.6	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 43.194 ng

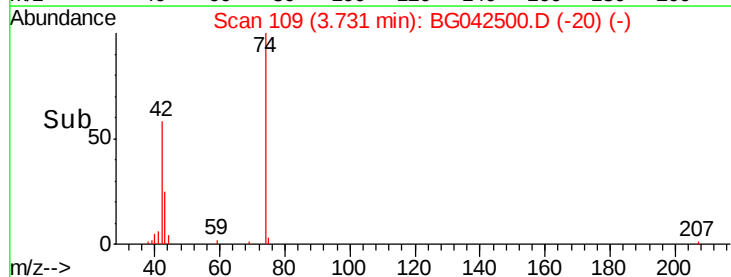
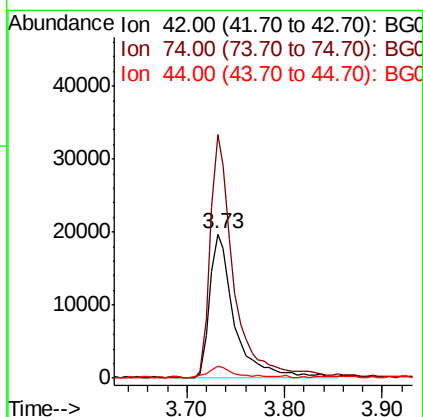
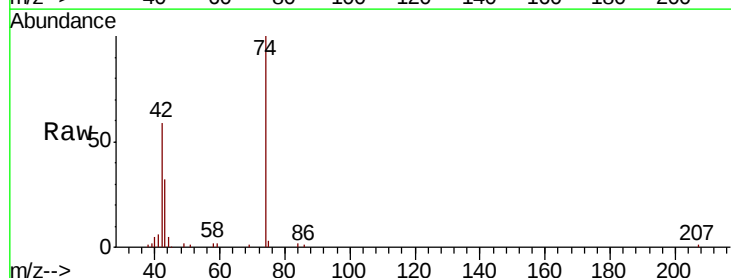
RT: 3.73 min Scan# 109

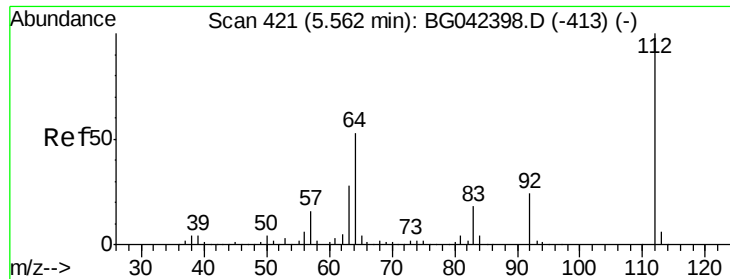
Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	42	Resp:	34853
Ion	Ratio	Lower	Upper
42	100		
74	169.3	119.6	179.4
44	8.4	6.5	9.7





#5

2-Fluorophenol

Concen: 131.280 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

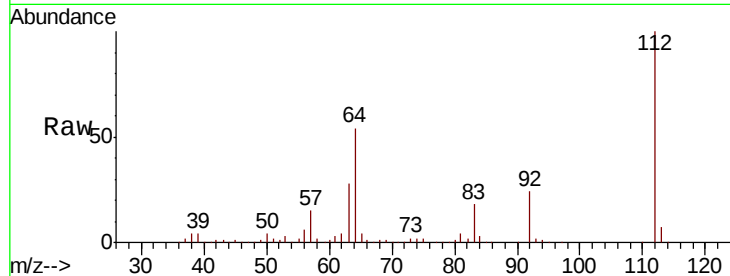
ClientSampleId :

PB122533BSD

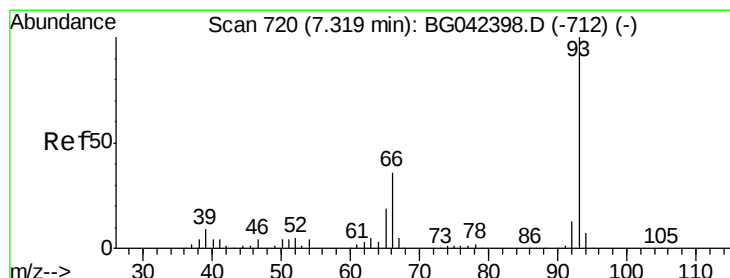
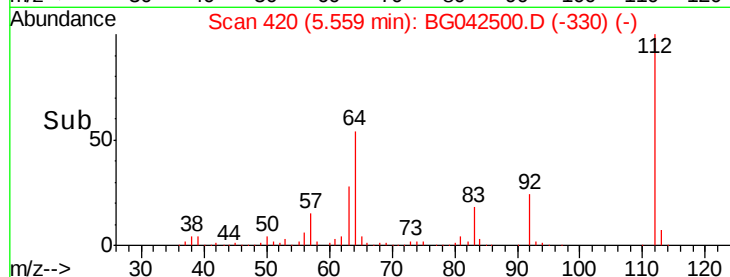
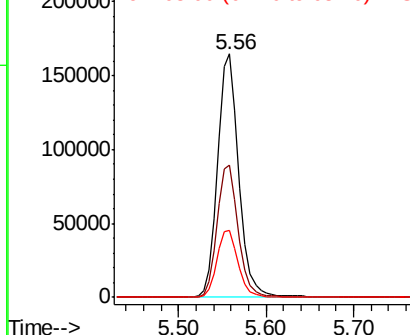
Tot Ion:	112	Resp:	277152
Ion Ratio	Lower	Upper	
112	100		
64	54.1	42.8	64.2
63	27.5	22.7	34.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.753 ng

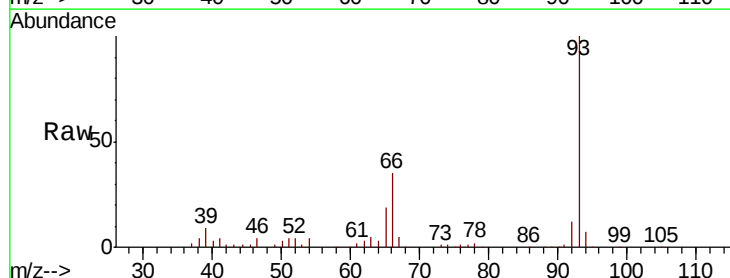
RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

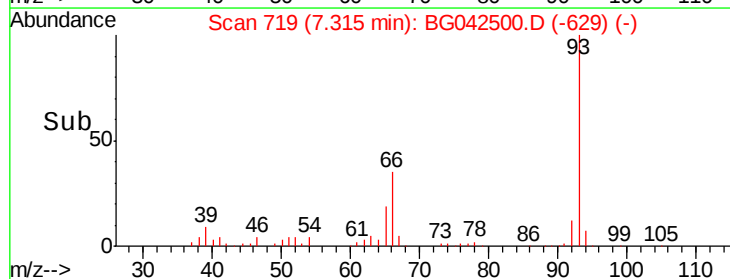
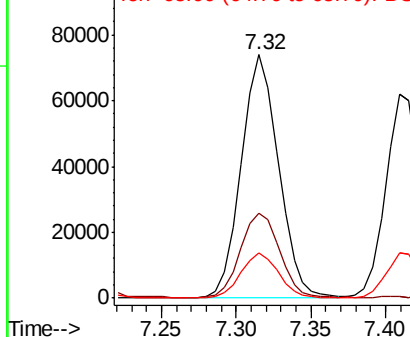
Lab File: BG042500.D

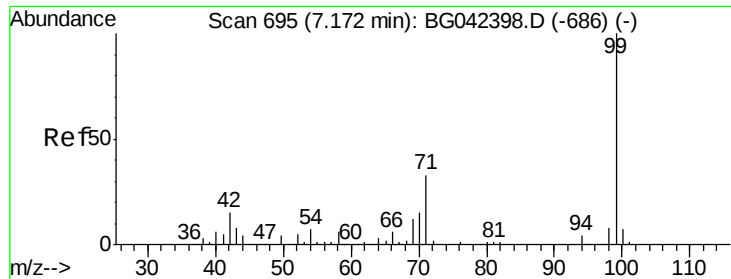
Acq: 26 Aug 2019 15:02

Tgt Ion:	93	Resp:	128379
Ion Ratio	Lower	Upper	
93	100		
66	35.1	29.0	43.6
65	18.5	15.2	22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.621 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

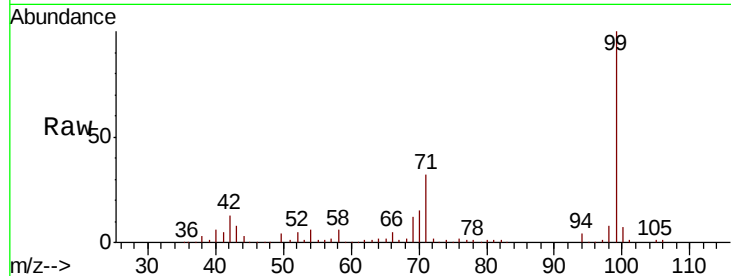
ClientSampleId :

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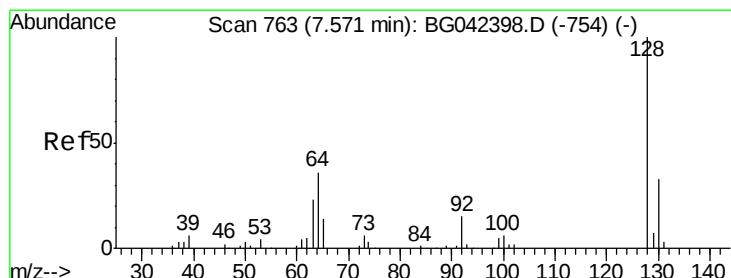
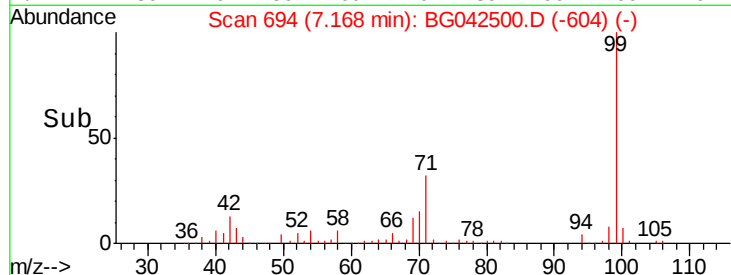
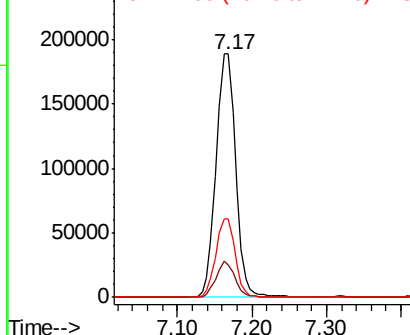
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		346826		
42	13.1	12.0	18.0		
71	32.4	26.3	39.5		

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



#8

2-Chlorophenol

Concen: 47.041 ng

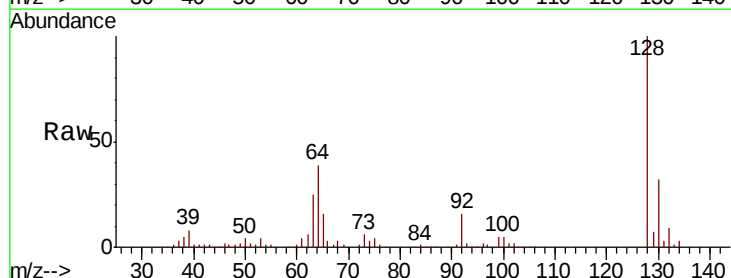
RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

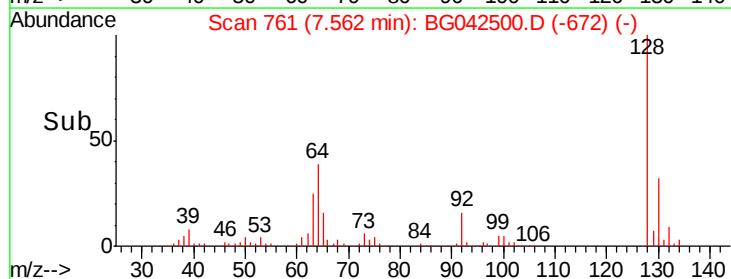
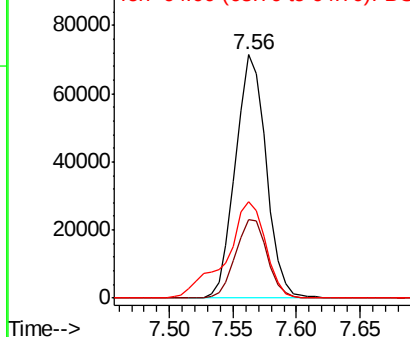
Lab File: BG042500.D

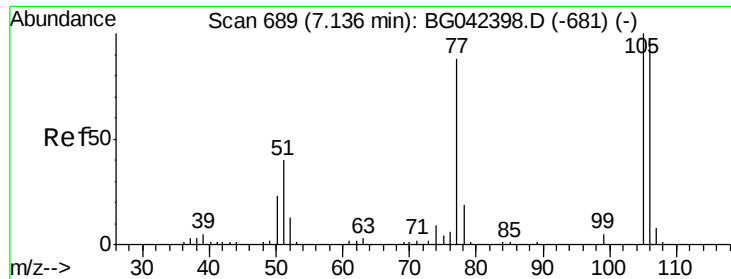
Acq: 26 Aug 2019 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		120357		
130	32.1	12.8	52.8		
64	39.4	19.2	59.2		



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





#9

Benzaldehyde

Concen: 52.582 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

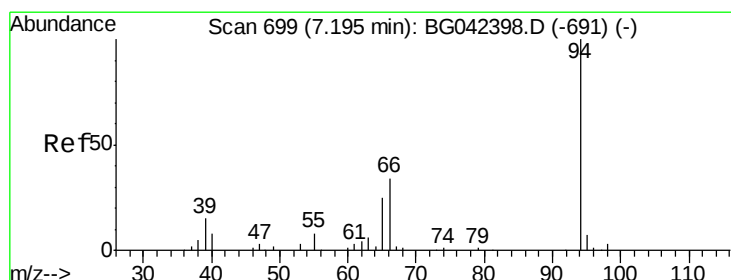
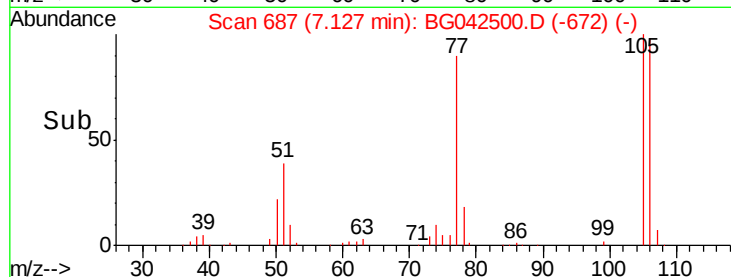
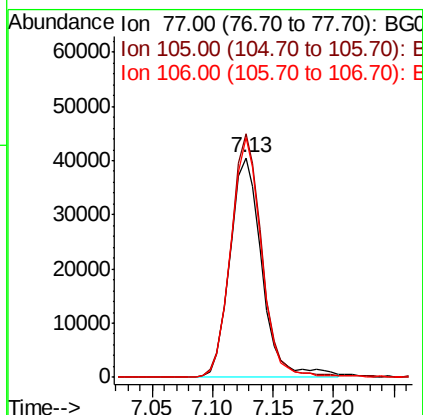
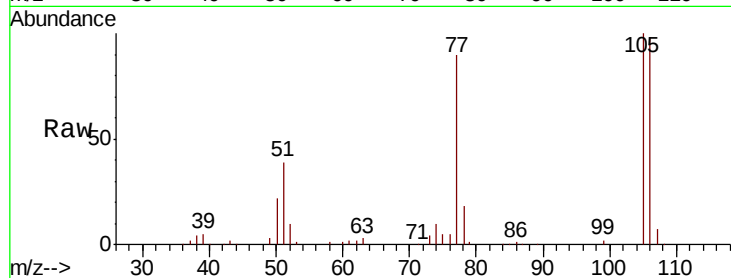
ClientSampleId :

PB122533BSD

Tot Ion:	77	Resp:	75070
Ion	Ratio	Lower	Upper
77	100		
105	110.7	93.4	133.4
106	108.8	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 48.019 ng

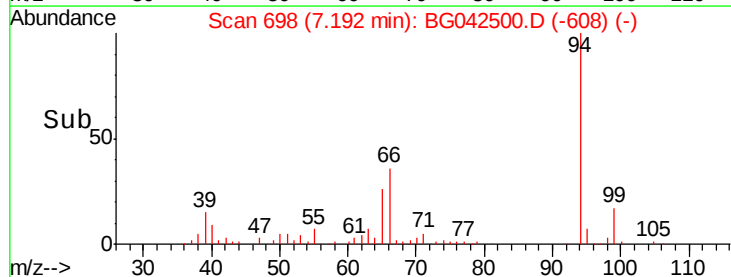
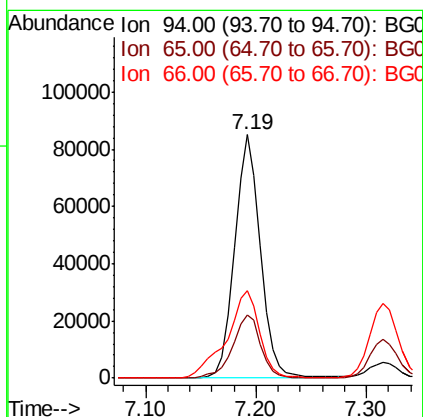
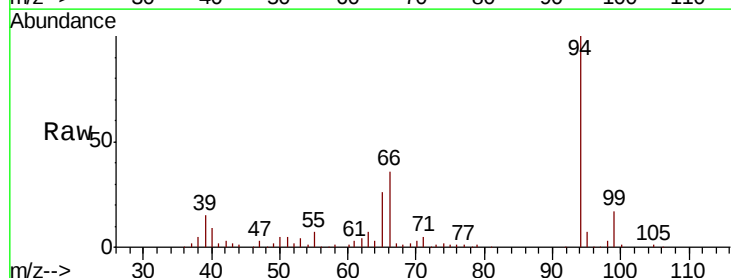
RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	94	Resp:	139228
Ion	Ratio	Lower	Upper
94	100		
65	26.1	5.6	45.6
66	36.0	16.0	56.0





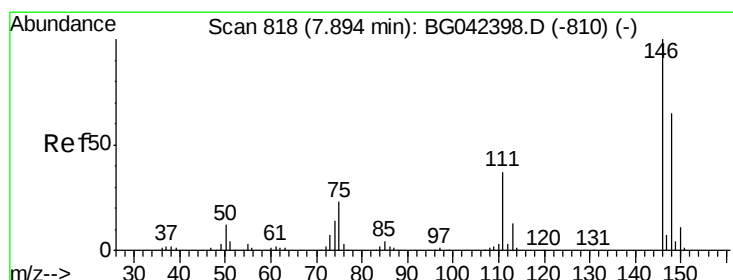
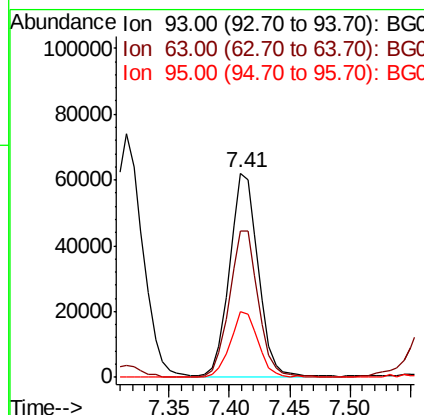
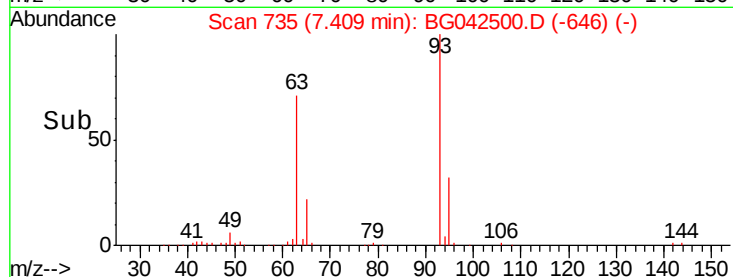
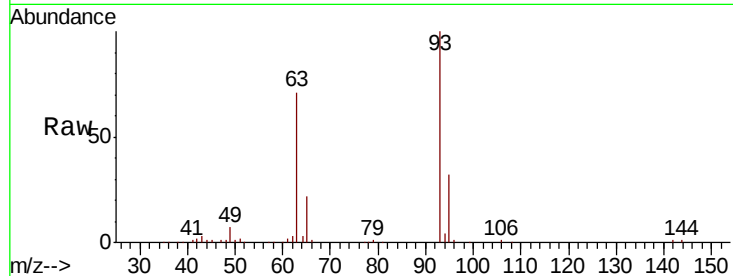
#11
bis(2-Chloroethyl)ether
Concen: 45.500 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion:	93	Resp:	103609
Ion Ratio	Lower	Upper	
93	100		
63	71.3	53.8	93.8
95	32.2	13.1	53.1

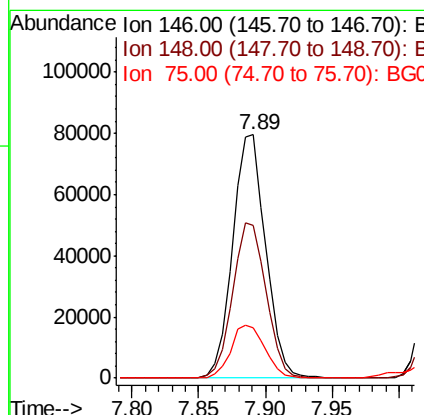
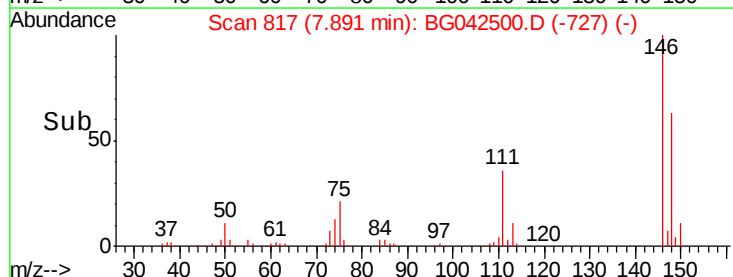
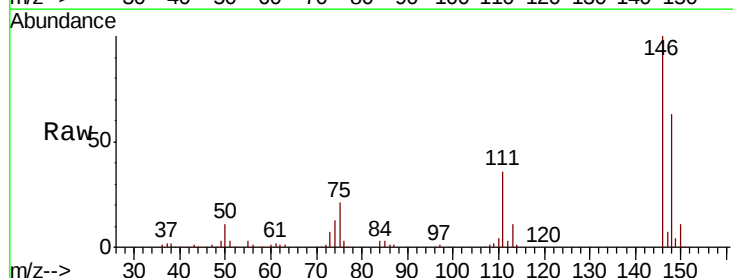
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#12
1,3-Dichlorobenzene
Concen: 42.021 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion:	146	Resp:	136771
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.2	78.2
75	20.7	18.0	27.0





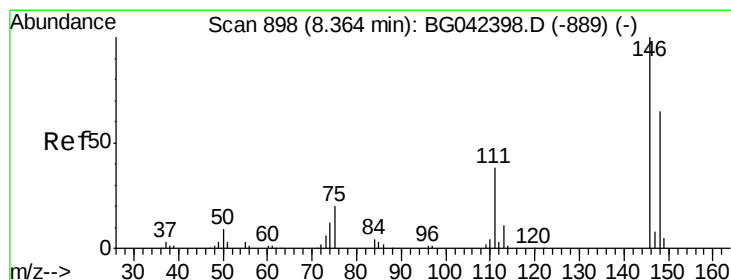
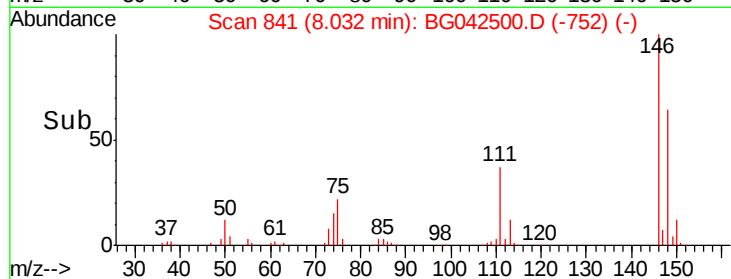
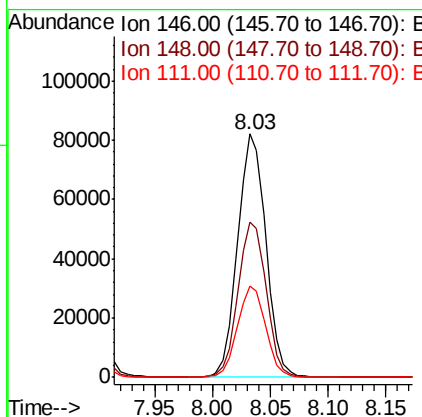
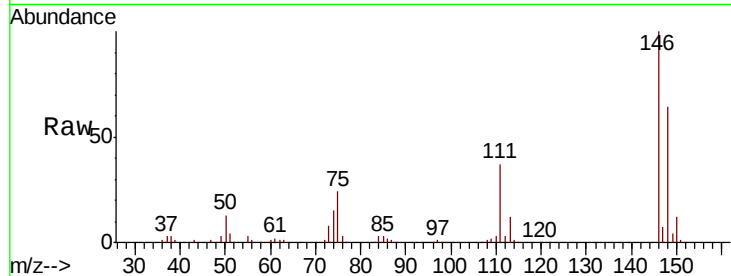
#13
 1,4-Dichlorobenzene
 Concen: 42.231 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.5	74.3
111	37.3	28.1	42.1

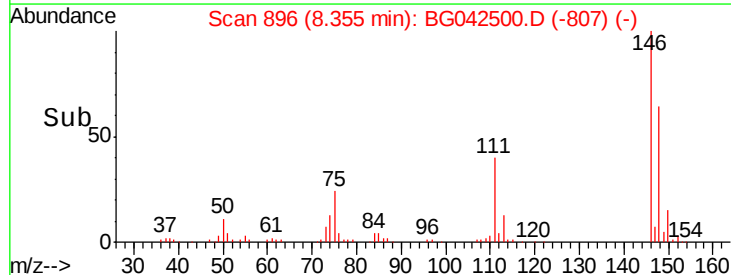
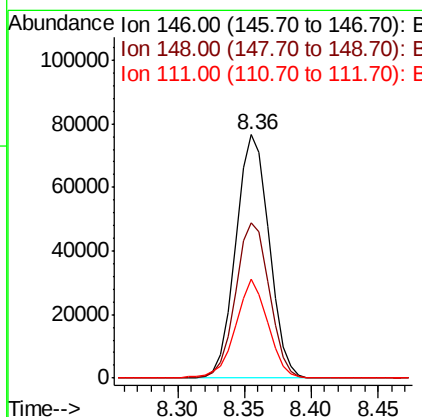
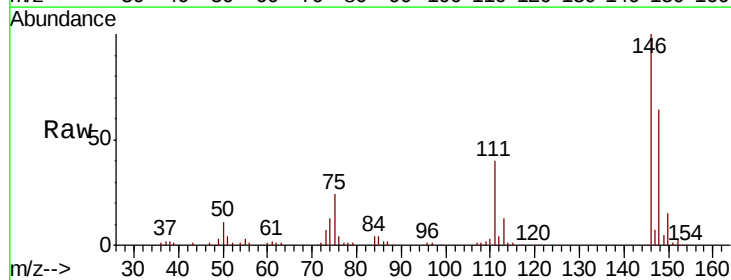
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 41.880 ng
 RT: 8.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	40.4	30.9	46.3





#15

Benzyl Alcohol

Concen: 43.170 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

ClientSampleId :

PB122533BSD

Tot Ion: 79 Resp: 88570

Ion Ratio Lower Upper

79 100

108 86.6 67.4 101.2

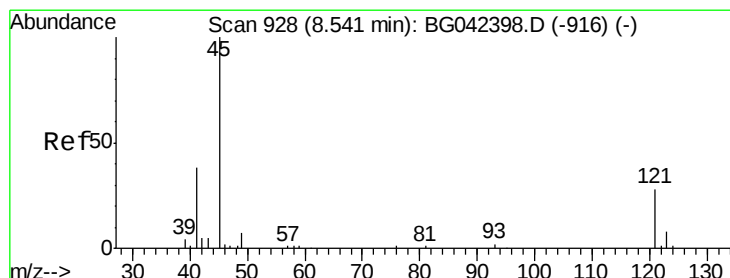
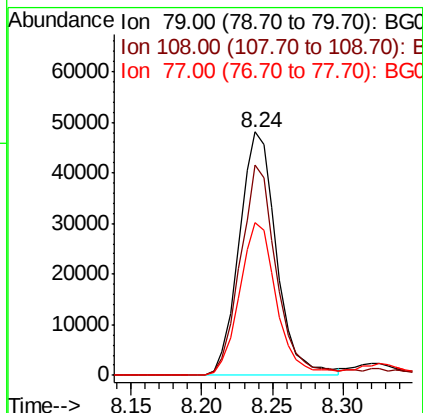
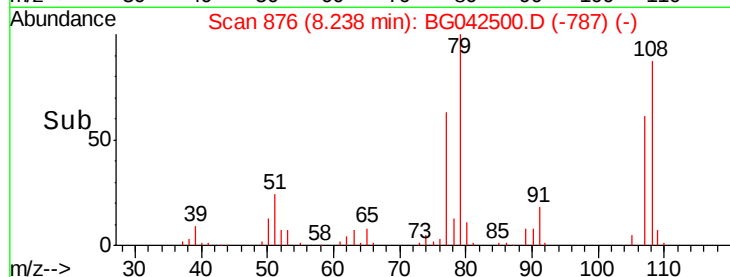
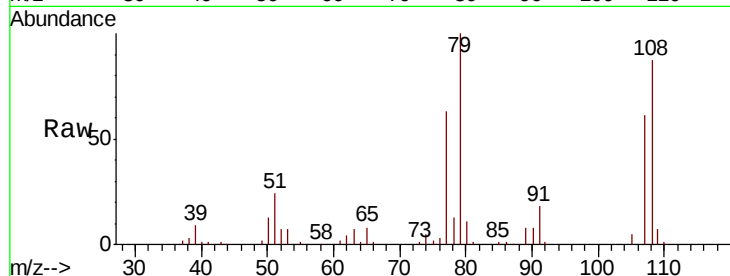
77 62.6 50.8 76.2

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.383 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

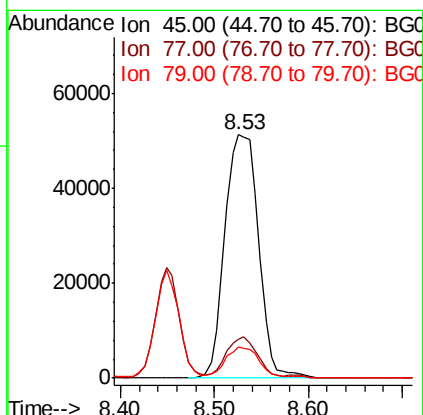
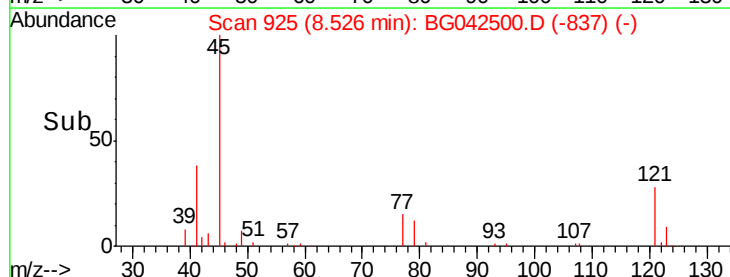
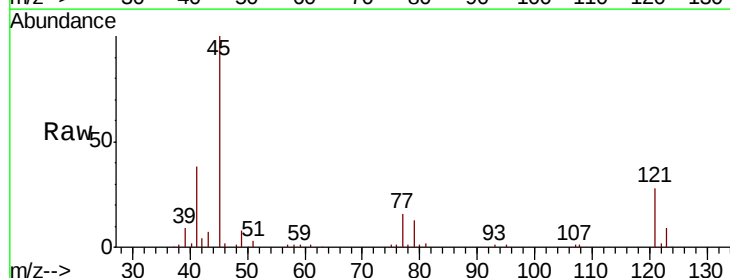
Tgt Ion: 45 Resp: 127721

Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.6

79 12.6 0.0 31.6





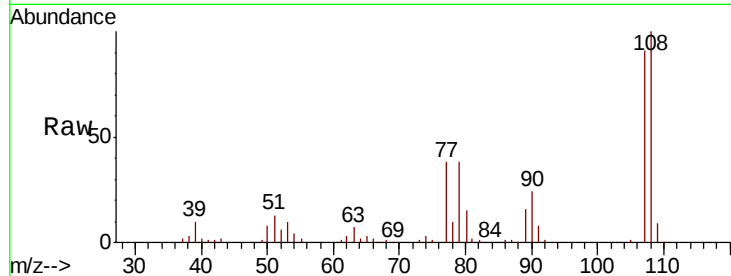
#17
2-Methylphenol
Concen: 44.749 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

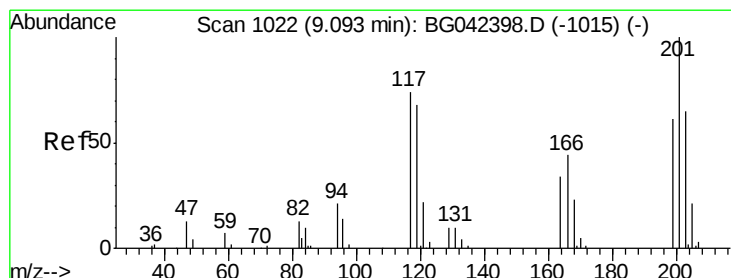
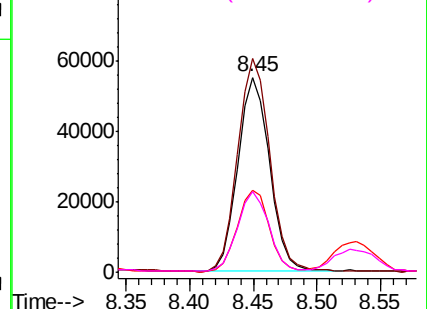
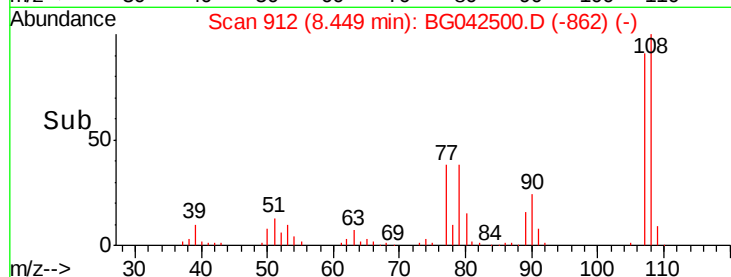
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	92.9	139.3	
77	41.9	34.4	51.6	
79	41.1	33.8	50.6	

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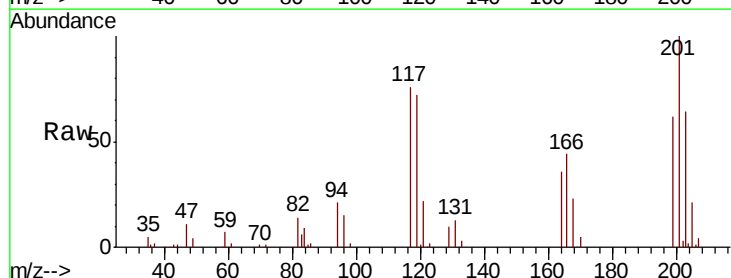


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

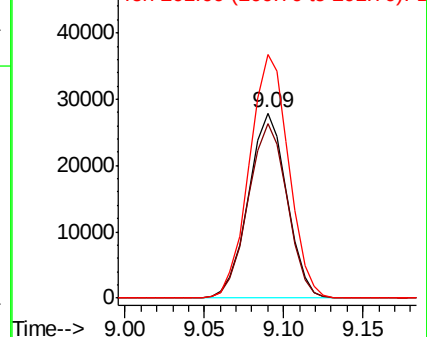
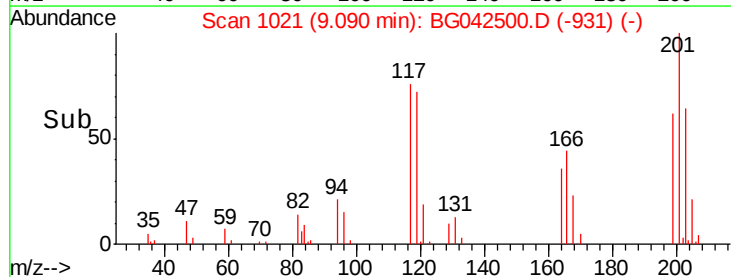


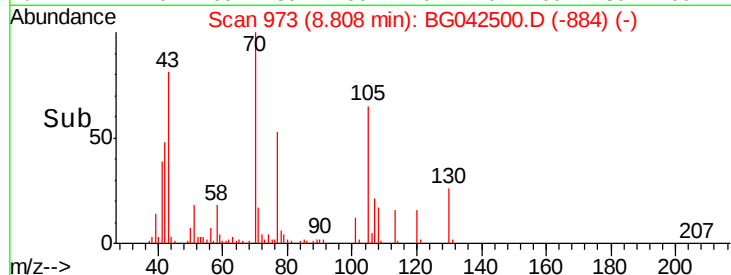
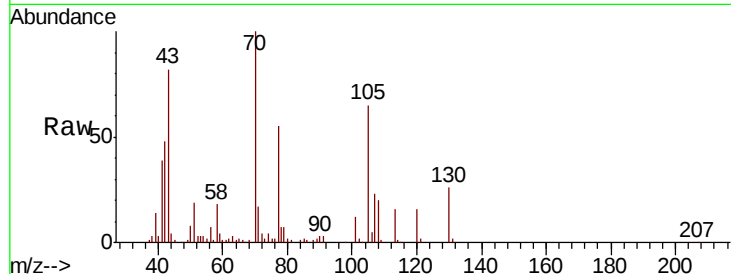
#18
Hexachloroethane
Concen: 41.833 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	73.8	110.8	
201	131.6	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





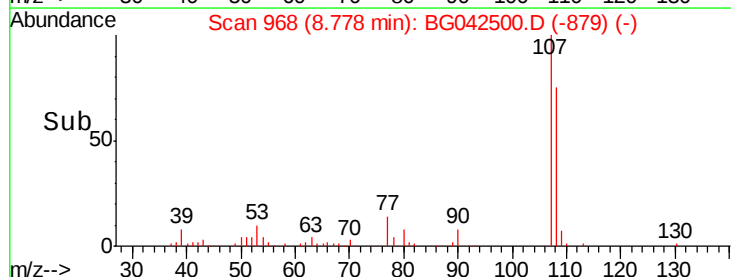
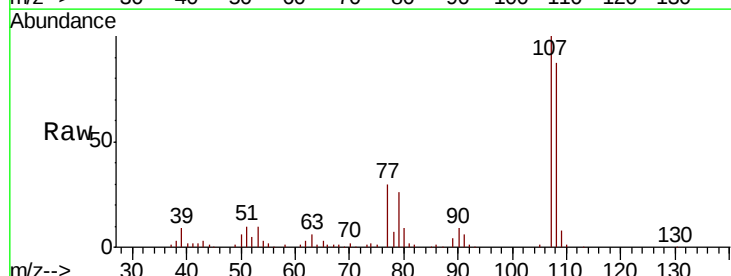
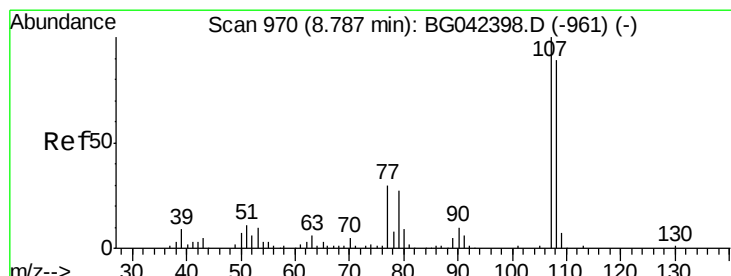
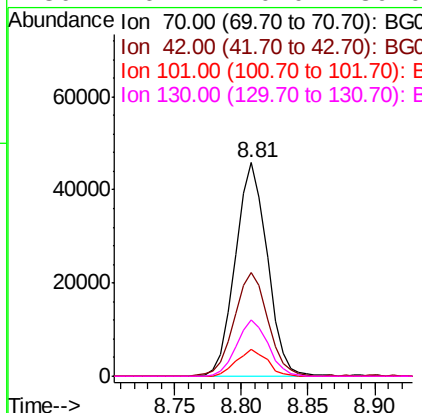
#19
n-Nitroso-di-n-propylamine
Concen: 41.179 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.4	38.8	58.2	
101	12.5	9.0	13.6	
130	26.4	20.0	30.0	

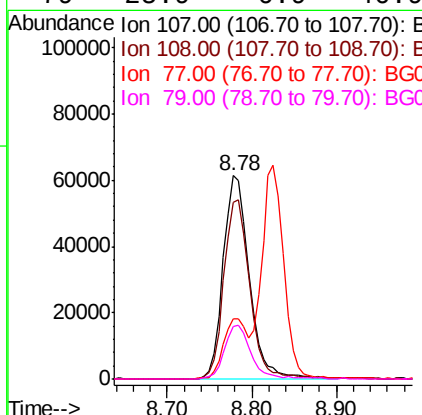
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#20
3+4-Methylphenols
Concen: 44.465 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	68.7	108.7	
77	29.9	10.2	50.2	
79	25.9	6.9	46.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

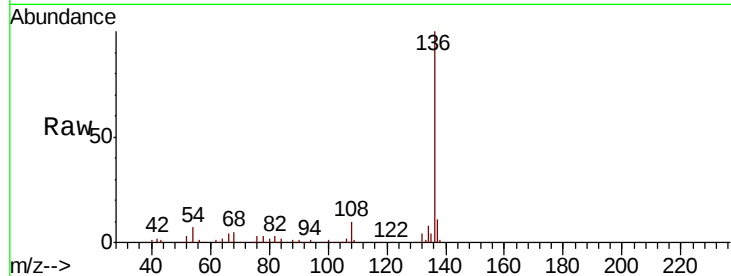
ClientSampleId :

PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	177395		
137	10.6		8.7	13.1
54	6.7		4.9	7.3
68	4.8		3.6	5.4

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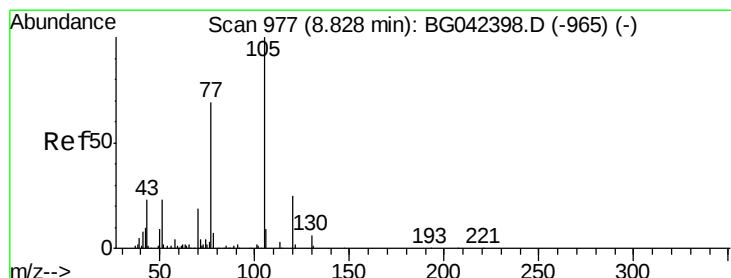
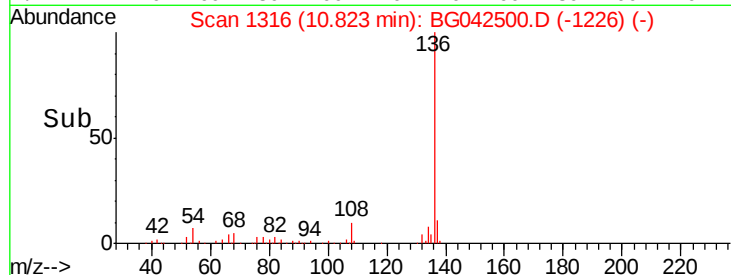
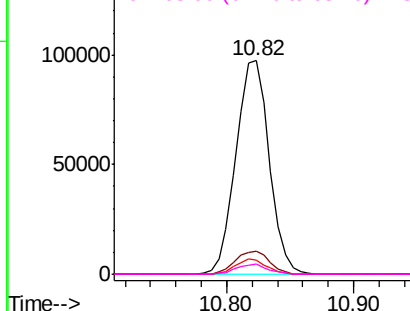
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.717 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165870		
71	2.4		2.8	4.2#
51	22.0		18.7	28.1
120	24.4		20.1	30.1

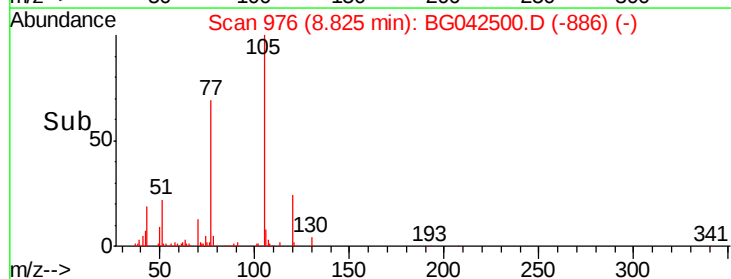
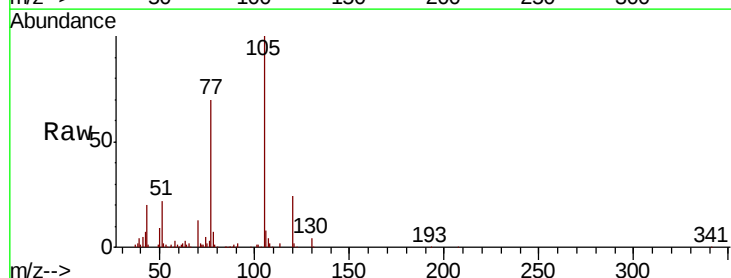
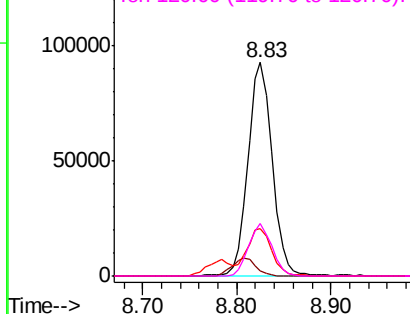
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





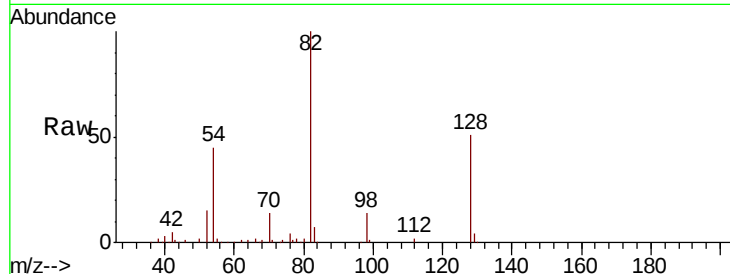
#23
 Nitrobenzene-d5
 Concen: 68.568 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampled :
 PB122533BSD

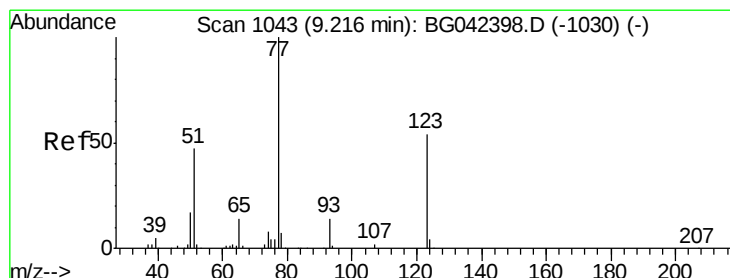
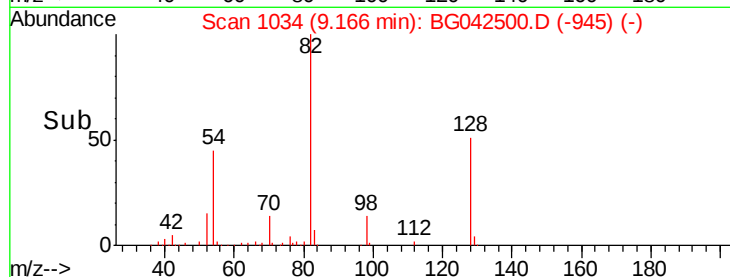
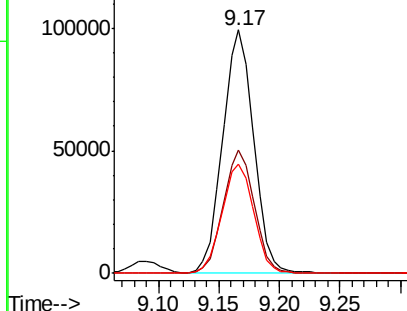
Tot Ion	Ratio	Resp	Lower	Upper
82	100	176018		
128	50.6		40.7	61.1
54	44.7		36.3	54.5

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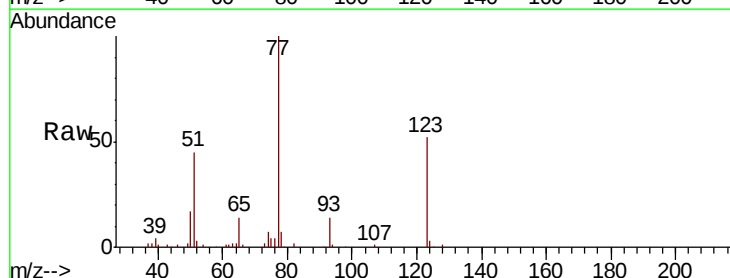


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

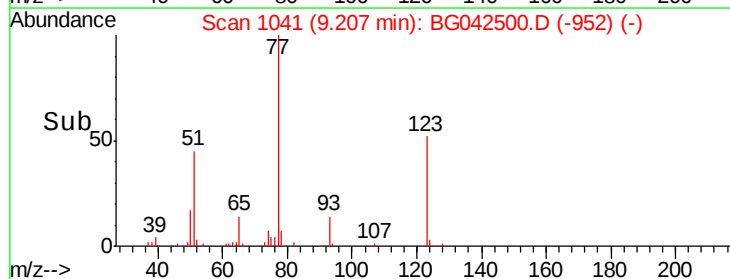
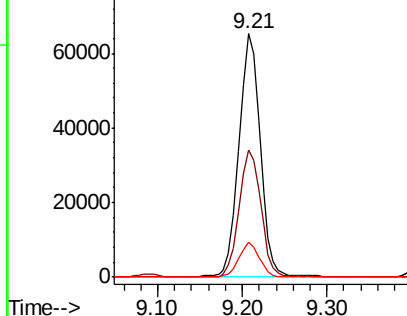


#24
 Nitrobenzene
 Concen: 43.734 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113688		
123	52.4		43.4	65.0
65	14.2		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: 41.317 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

ClientSampleId :

PB122533BSD

Tot Ion: 82 Resp: 209319

Ion Ratio Lower Upper

82 100

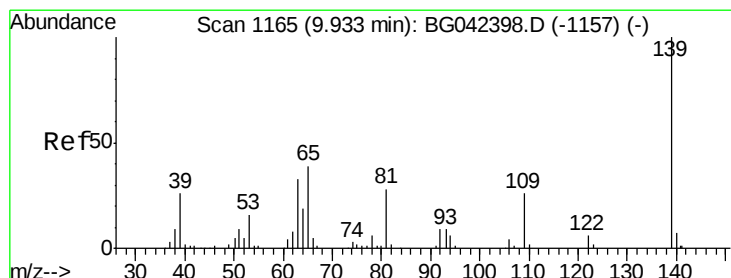
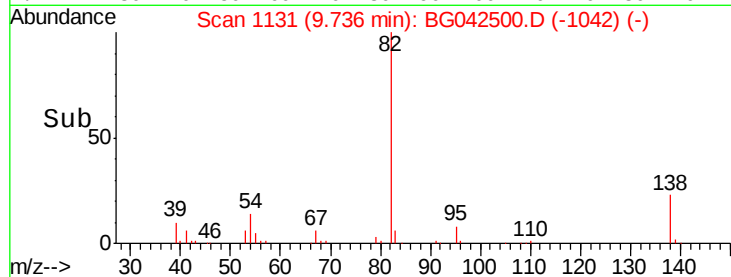
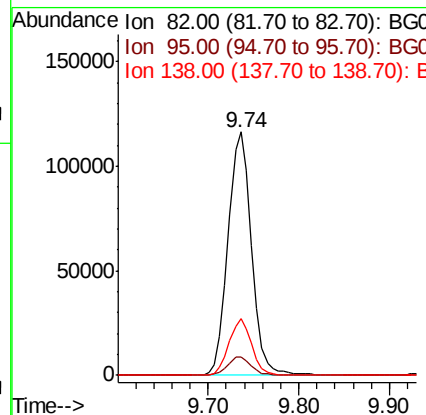
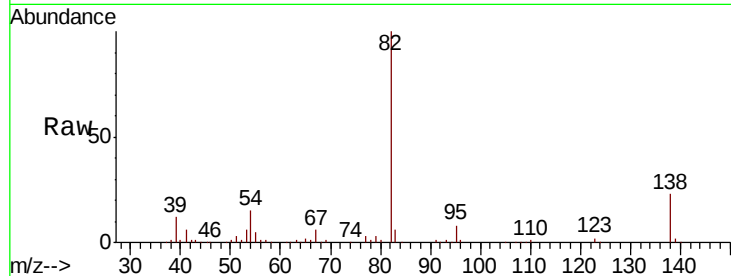
95 7.6 6.6 9.8

138 23.1 18.6 27.8

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#26

2-Nitrophenol

Concen: 44.713 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

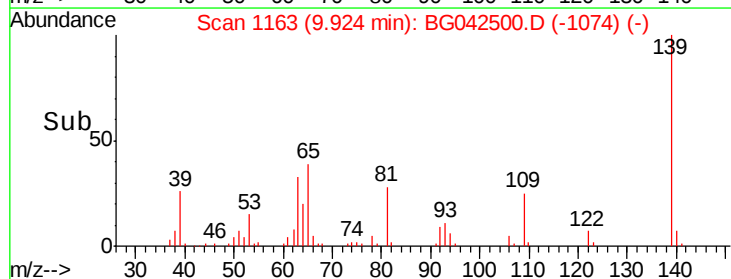
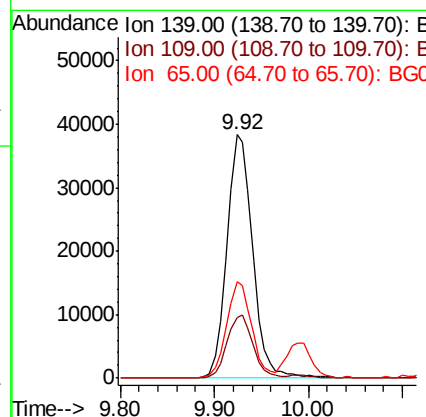
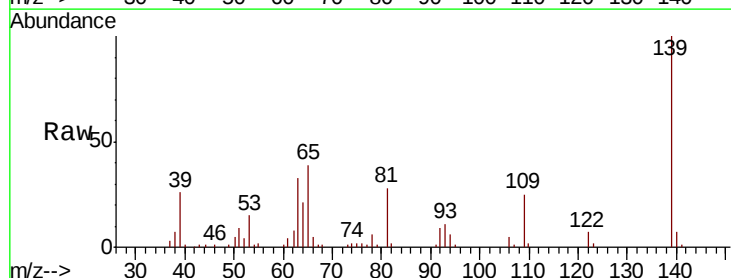
Tgt Ion: 139 Resp: 72839

Ion Ratio Lower Upper

139 100

109 25.0 20.5 30.7

65 39.4 30.9 46.3





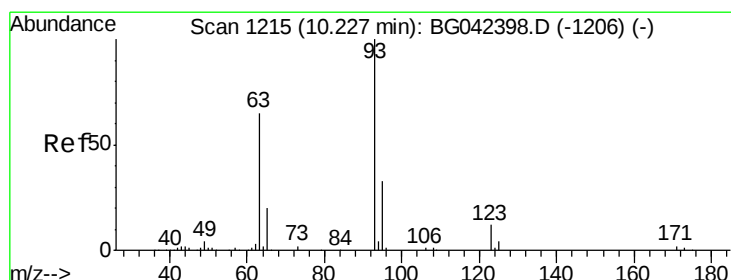
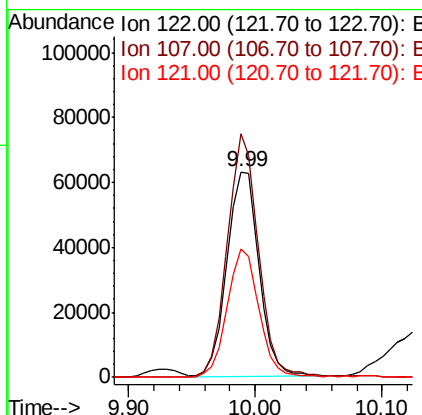
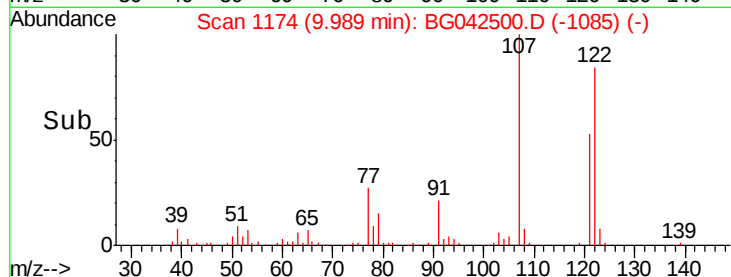
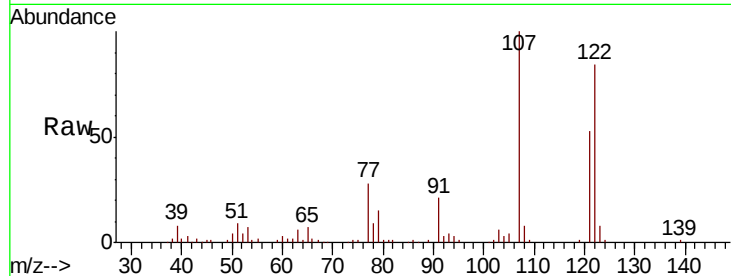
#27
 2,4-Dimethylphenol
 Concen: 49.187 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	110375		
107	118.4	90.8	136.2	
121	62.4	49.6	74.4	

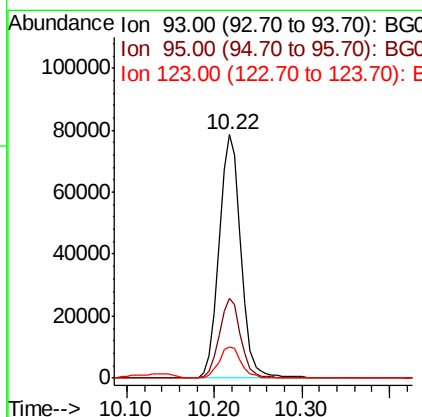
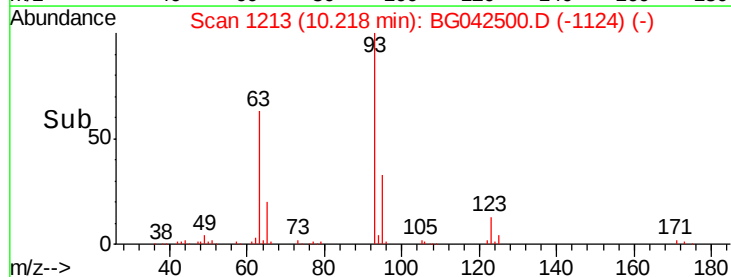
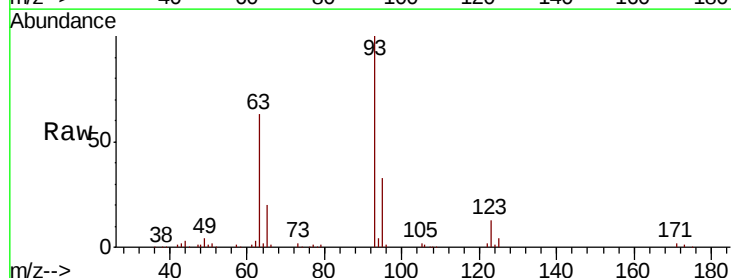
Manual Integrations
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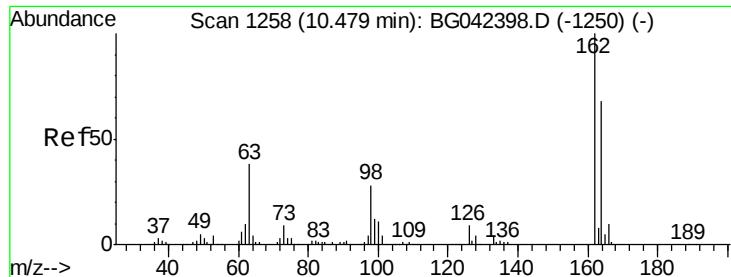
JAGRUT
 8/27/2019 7:51:40 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.433 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	135493		
95	32.9	26.6	40.0	
123	12.9	10.1	15.1	





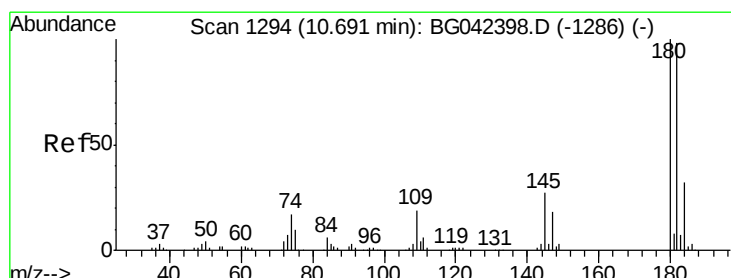
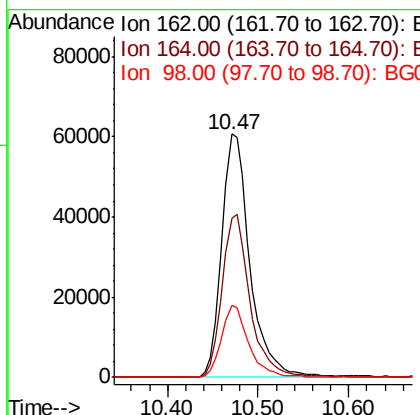
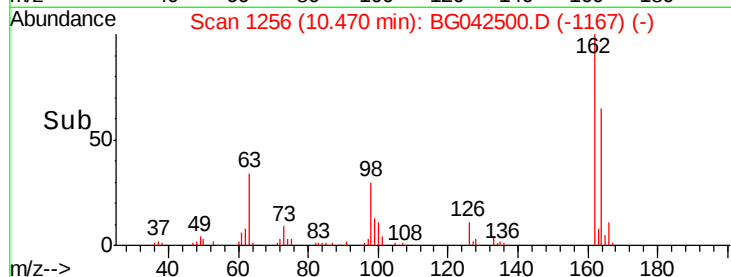
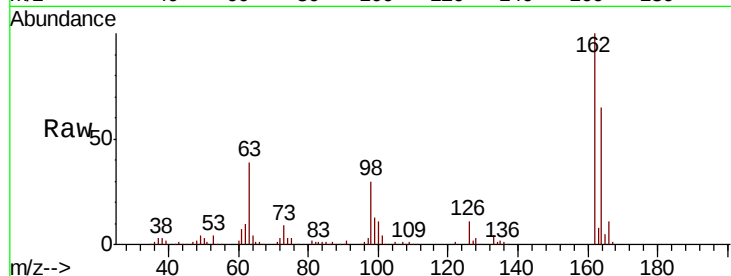
#29
2,4-Dichlorophenol
Concen: 44.506 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	130666		
164	65.2	48.1	88.1	
98	29.5	7.6	47.6	

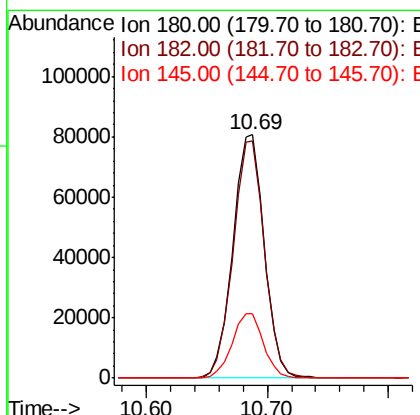
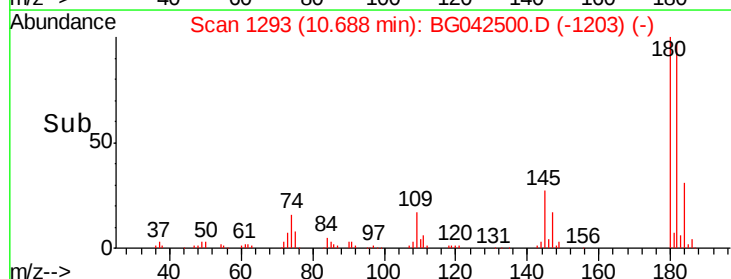
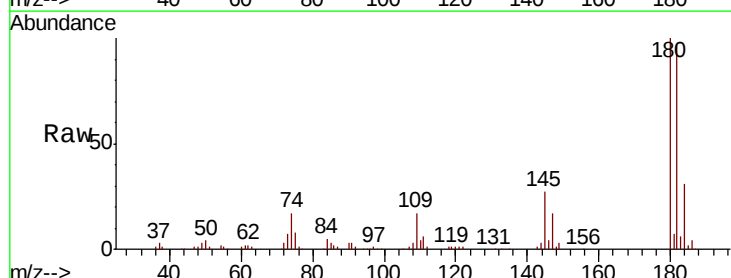
Manual Integrations
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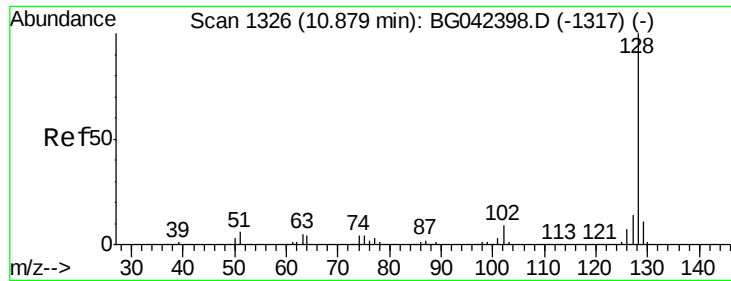
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8/27/2019 7:51:40 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.481 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145880		
182	97.2	78.7	118.1	
145	26.7	21.6	32.4	





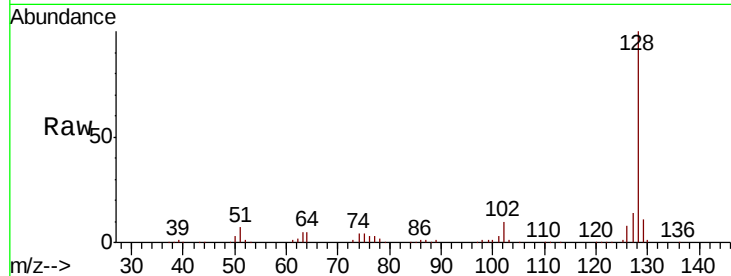
#31
Naphthalene
Concen: 43.531 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.3	11.4	17.0

Manual Integrations
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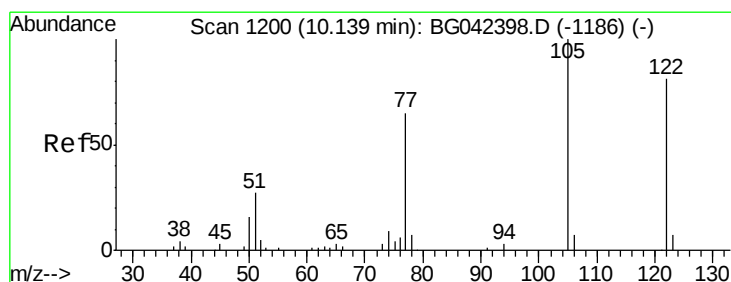
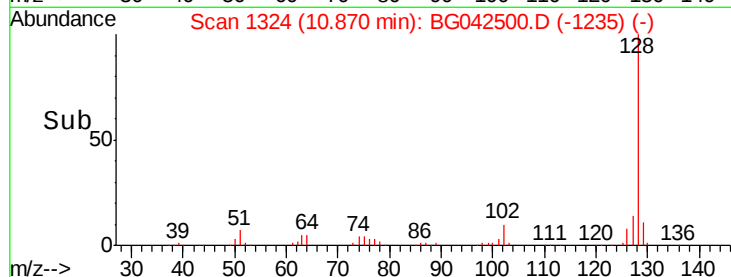
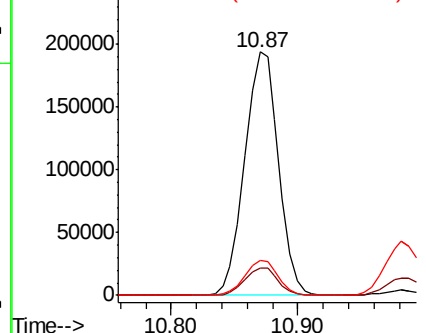


Abundance

Ion 128.00 (127.70 to 128.70): E

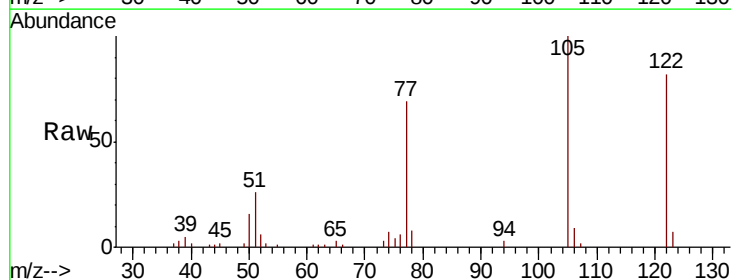
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.109 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	99.6	139.6
77	83.6	59.5	99.5

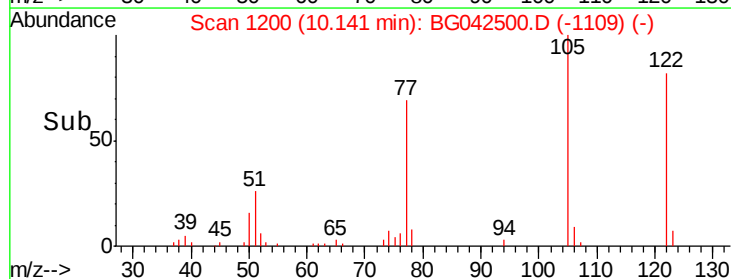
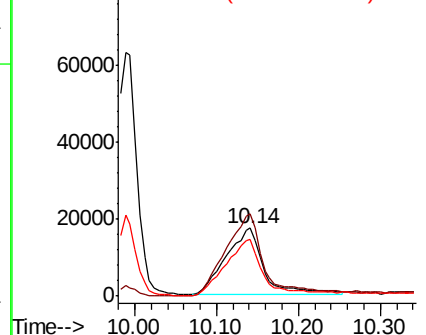


Abundance

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): BG





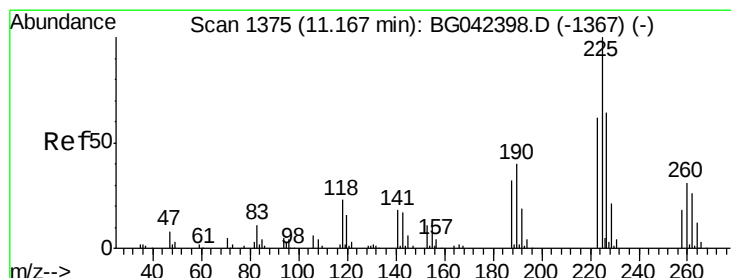
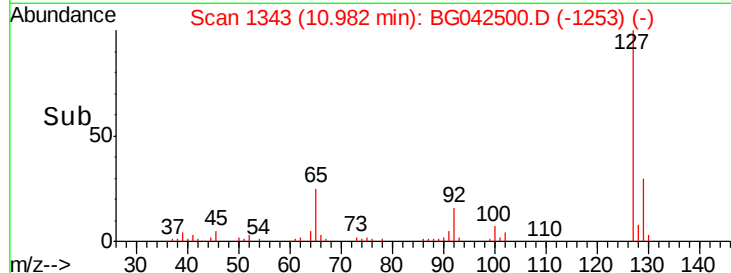
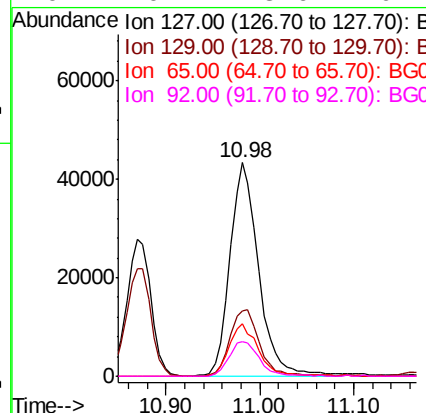
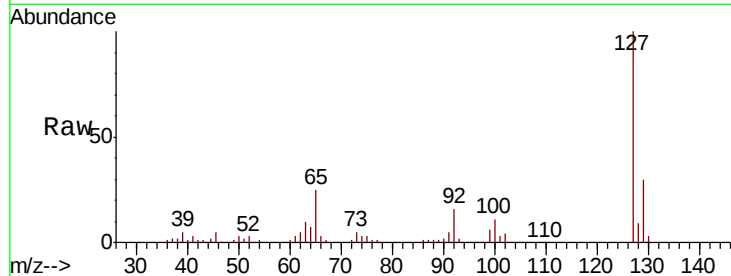
#33
4-Chloroaniline
Concen: 24.256 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.8	40.2
65	24.5	20.7	31.1
92	16.4	13.6	20.4

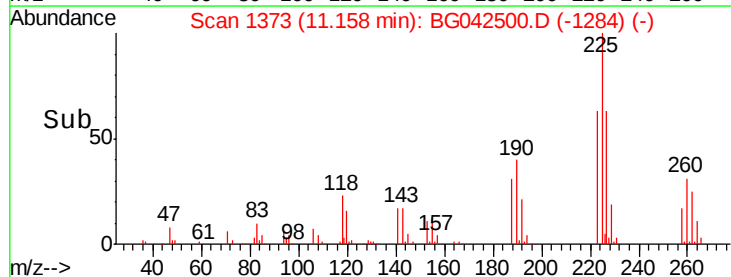
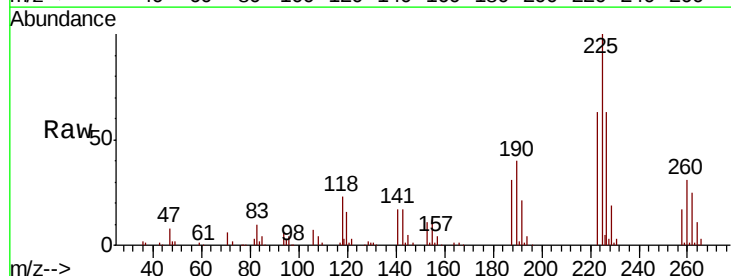
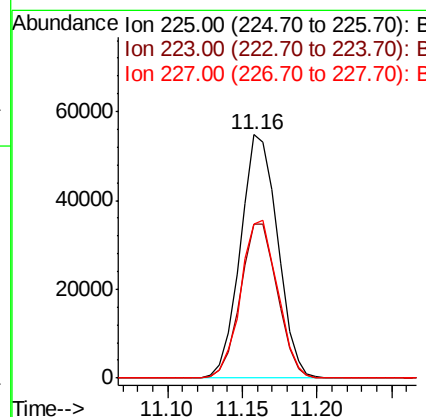
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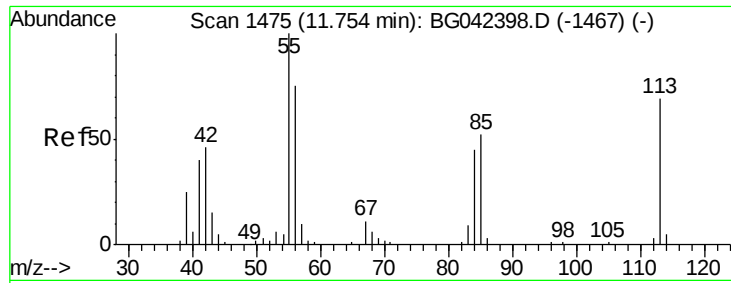
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#34
Hexachlorobutadiene
Concen: 39.191 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.1	50.9	76.3





#35

Caprolactam

Concen: 40.363 ng/mL

RT: 11.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

ClientSampleId :

PB122533BSD

Tot Ion:113 Resp: 39542

Ion Ratio Lower Upper

113 100

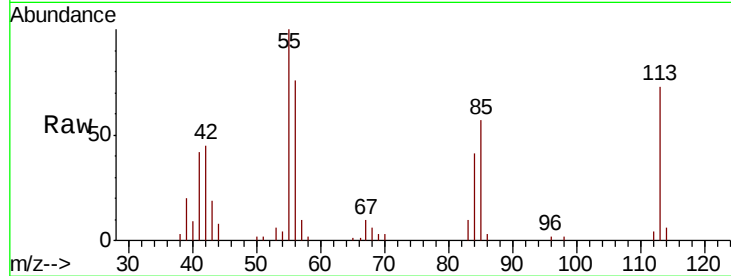
55 137.5 124.6 164.6

56 104.1 88.3 128.3

Manual Integrations
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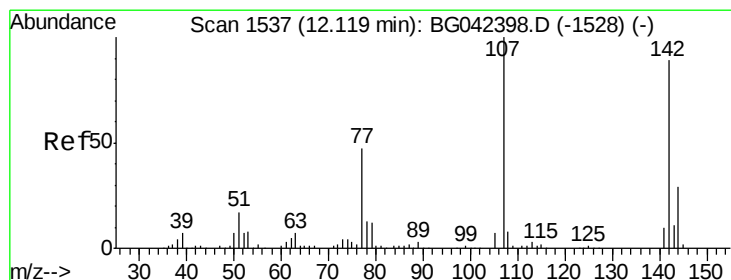
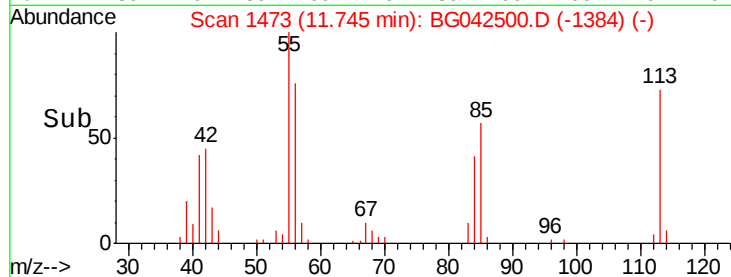
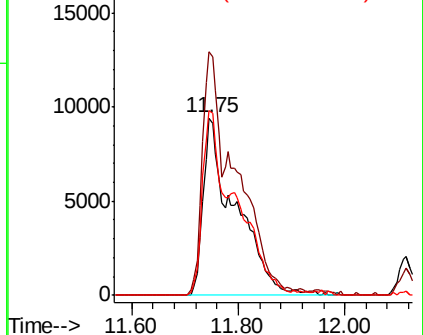
8/27/2019 7:51:40 AM



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: 42.234 ng/mL

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

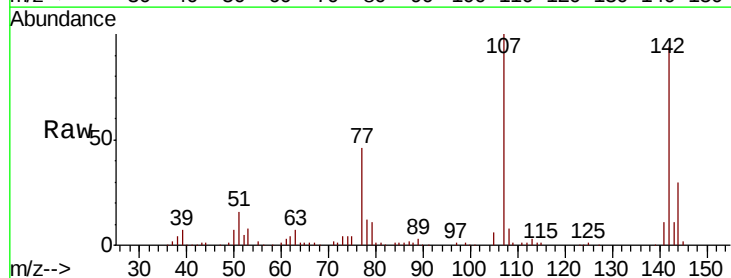
Tgt Ion:107 Resp: 117708

Ion Ratio Lower Upper

107 100

144 29.6 23.6 35.4

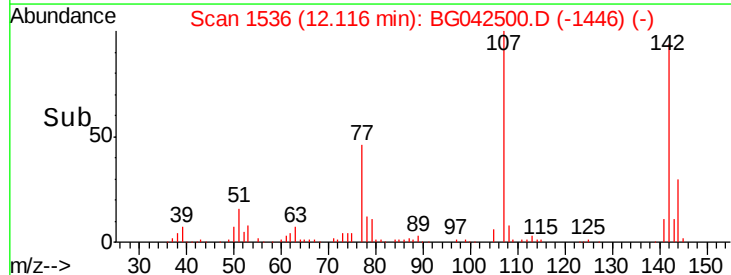
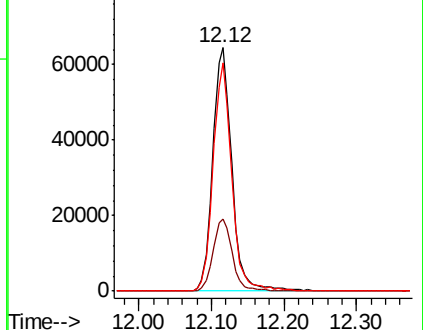
142 93.6 71.0 106.4

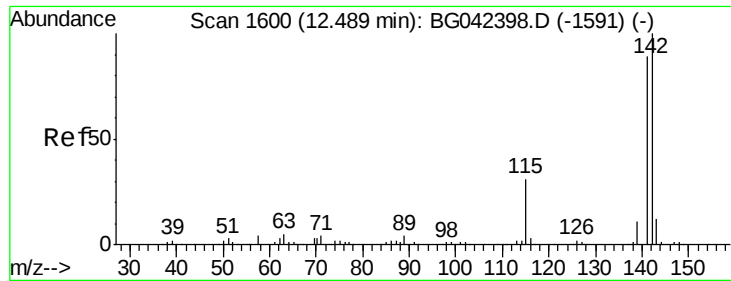


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





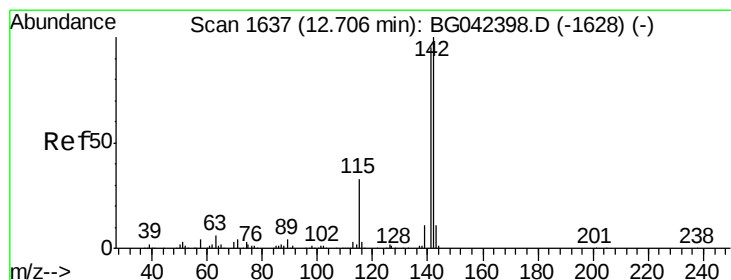
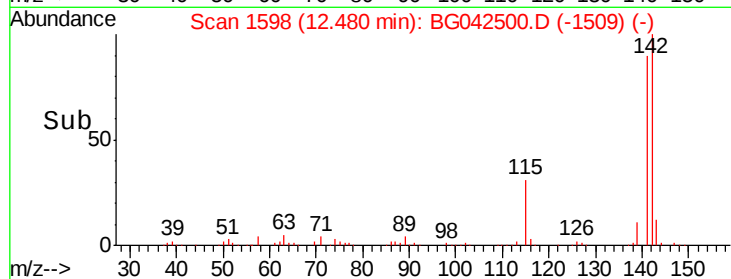
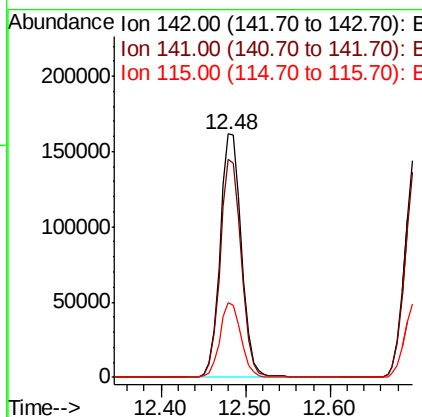
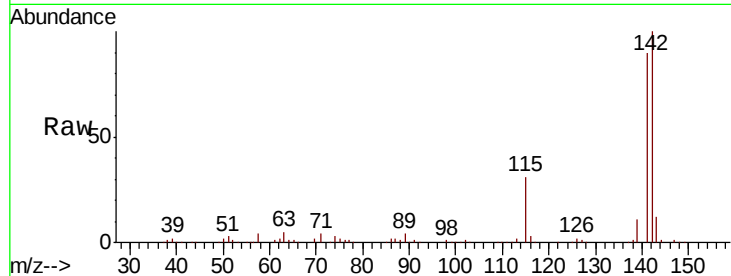
#37
2-Methylnaphthalene
Concen: 42.913 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	30.7	25.2	37.8

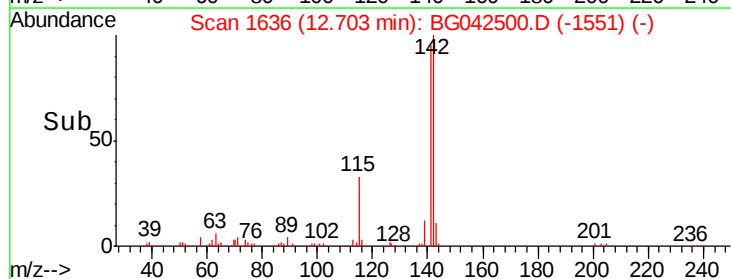
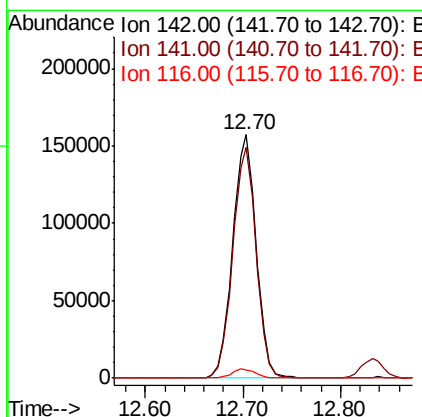
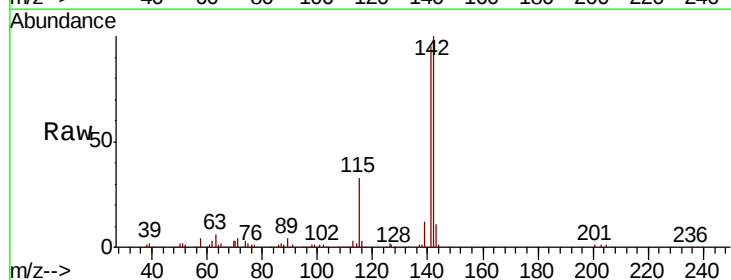
Manual Integrations
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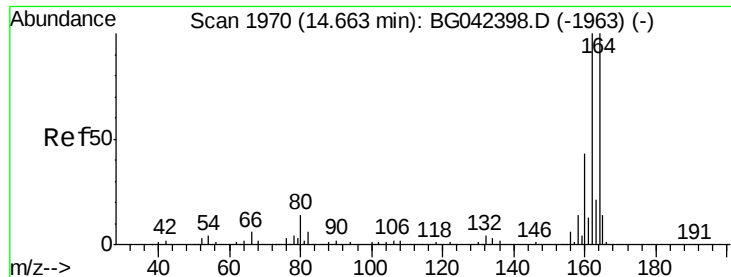
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#38
1-Methylnaphthalene
Concen: 41.603 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	76.2	114.2
116	3.2	2.8	4.2





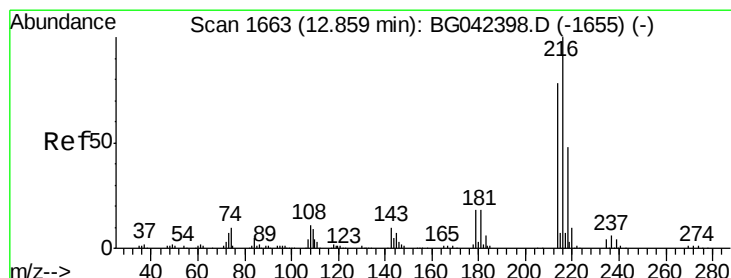
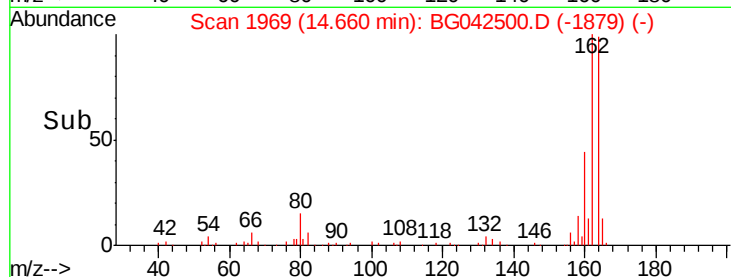
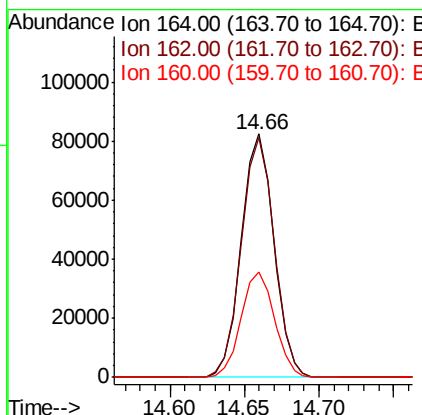
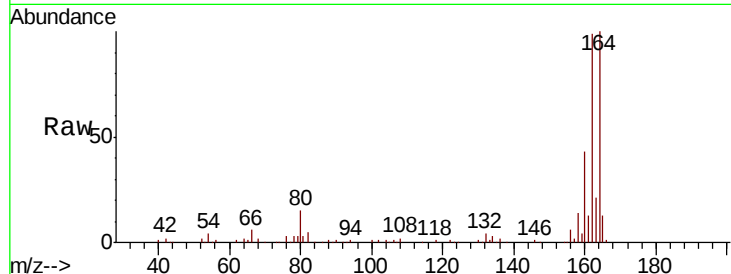
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleID :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	43.2	34.3	51.5

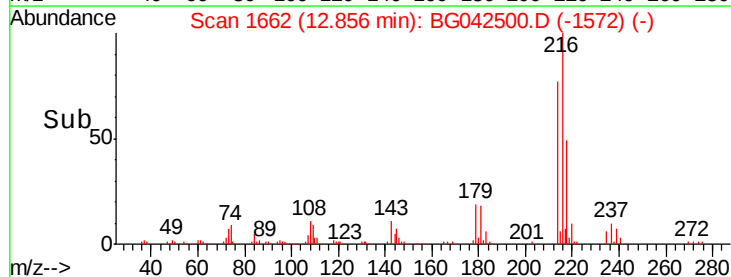
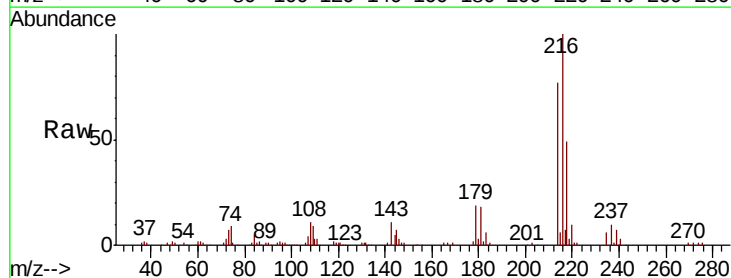
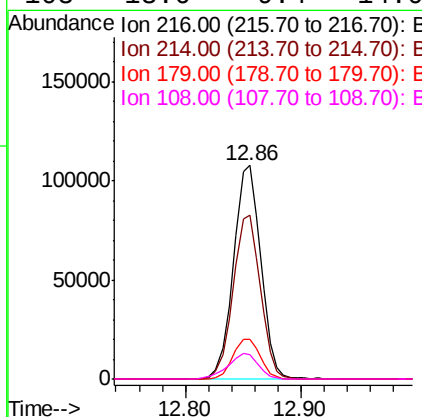
Manual Integrations
APPROVED

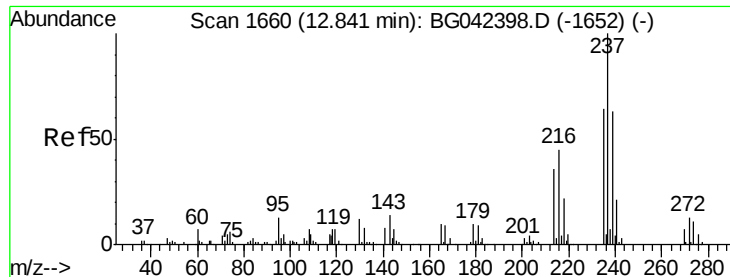
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8/27/2019 7:51:40 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.744 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	18.9	15.1	22.7
108	13.6	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 98.176 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

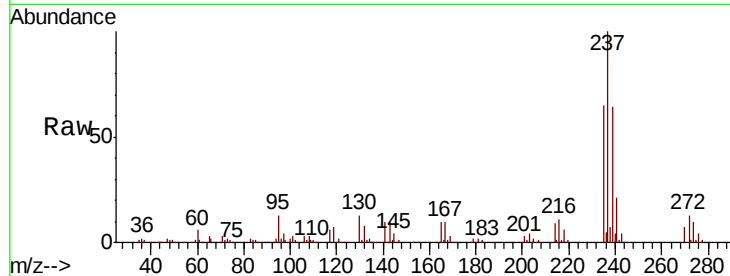
ClientSampleId :

PB122533BSD

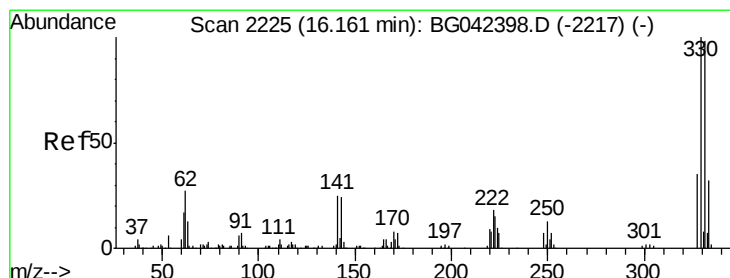
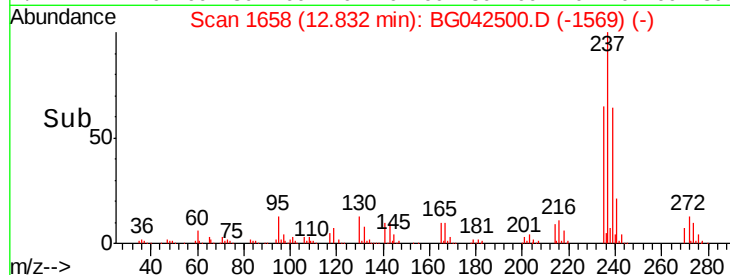
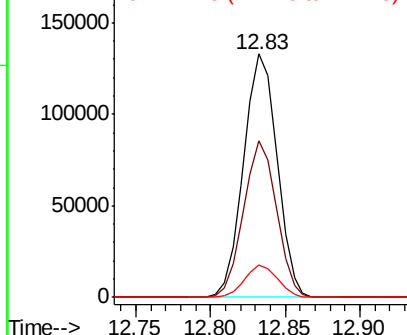
Tot Ion:	237	Resp:	207111
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.7	83.7
272	13.3	0.0	33.3

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: 105.958 ng

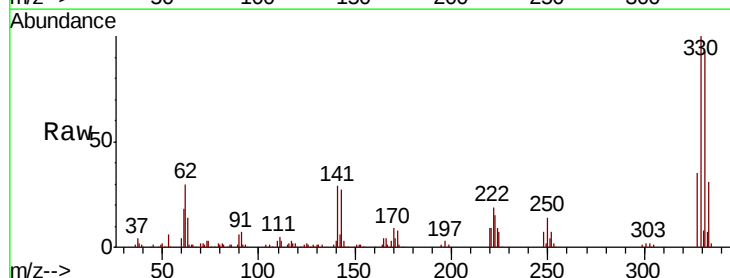
RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

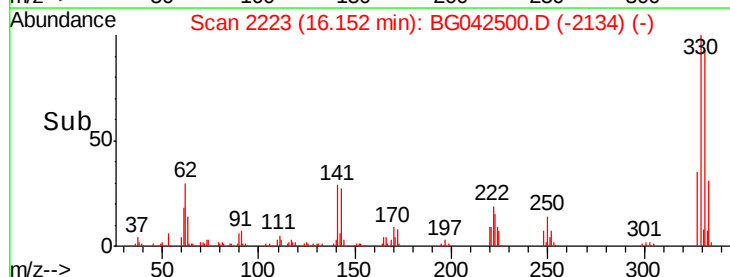
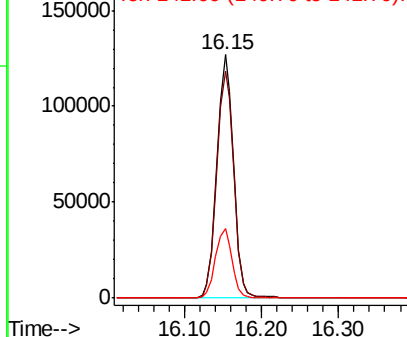
Lab File: BG042500.D

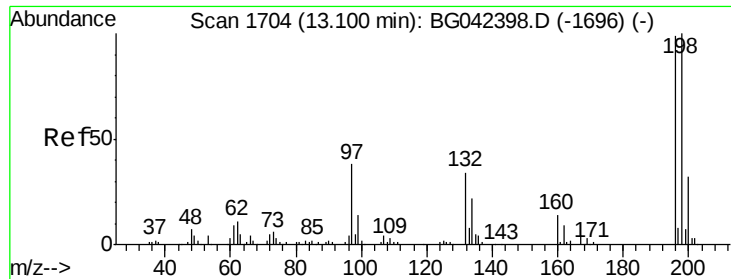
Acq: 26 Aug 2019 15:02

Tgt Ion:	330	Resp:	188340
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.0
141	28.6	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





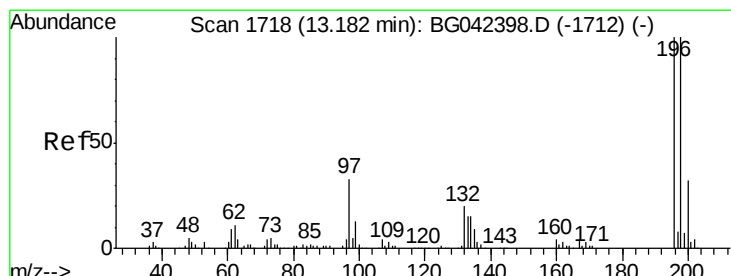
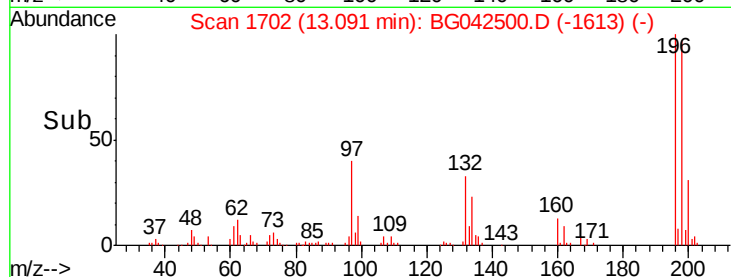
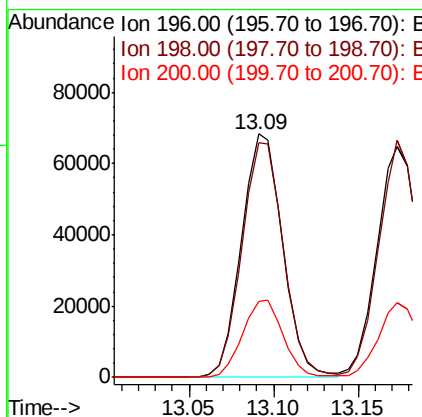
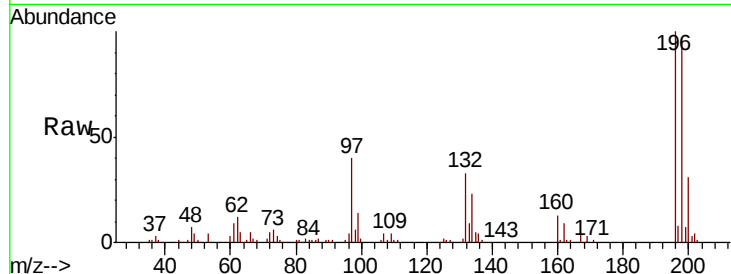
#43
 2,4,6-Trichlorophenol
 Concen: 42.736 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116012		
198	96.6	80.7	121.1	
200	31.0	25.7	38.5	

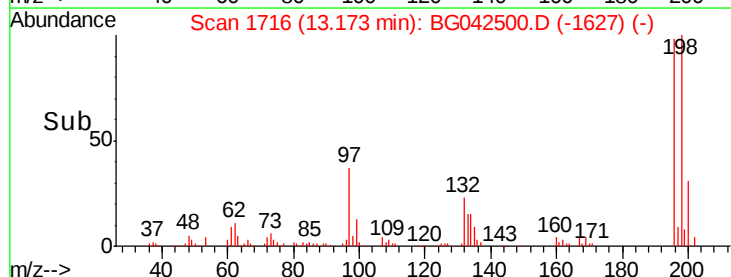
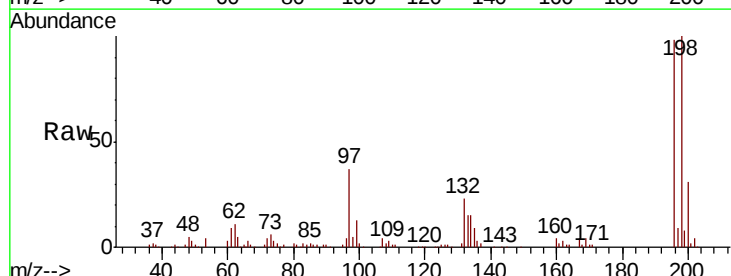
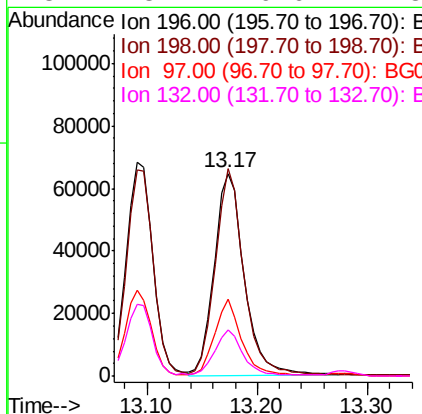
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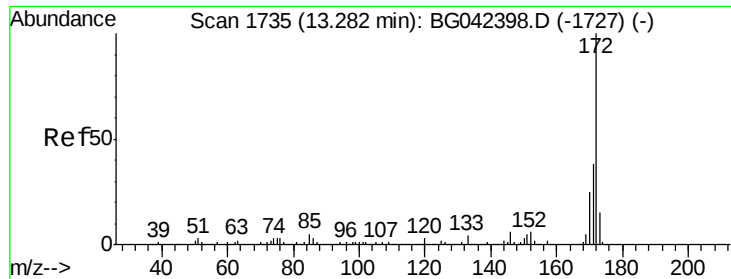
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#44
 2,4,5-Trichlorophenol
 Concen: 43.175 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121455		
198	102.4	80.2	120.4	
97	37.9	26.3	39.5	
132	23.1	16.6	24.8	





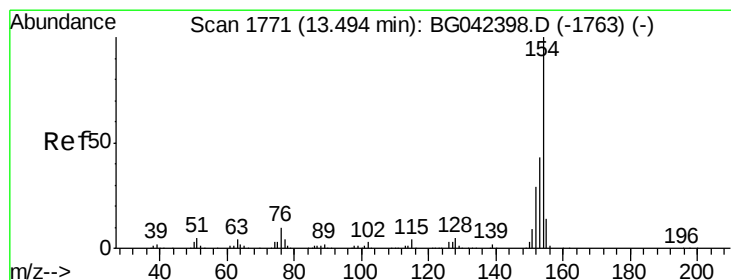
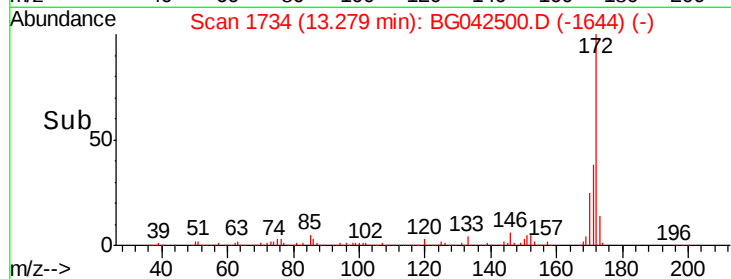
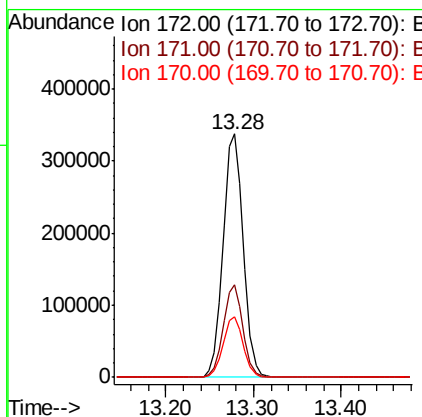
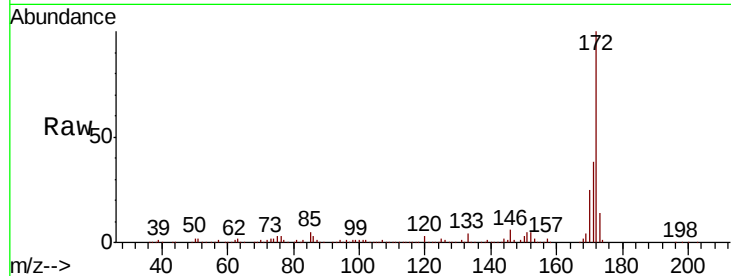
#45
2-Fluorobiphenyl
Concen: 72.565 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	536565		
171	37.9		30.5	45.7
170	25.1		20.2	30.2

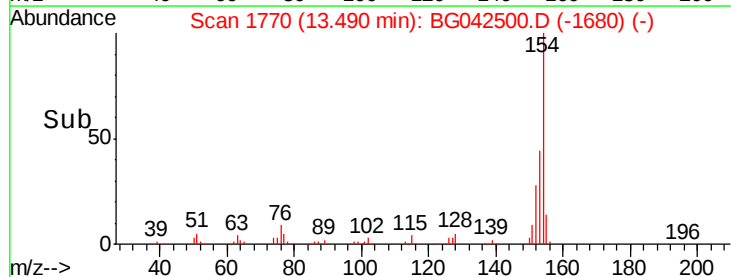
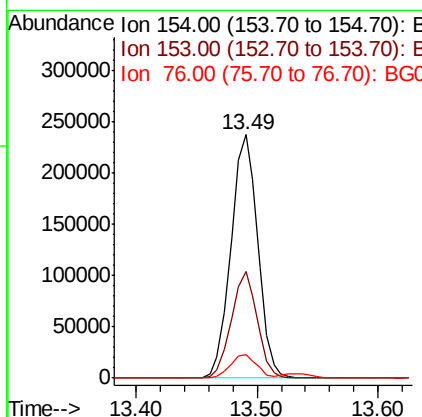
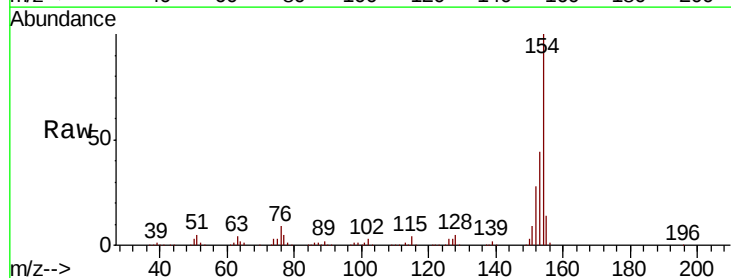
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#46
1,1'-Biphenyl
Concen: 45.437 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	367307		
153	43.7		23.0	63.0
76	9.5		0.0	29.6





#47

2-Chloronaphthalene

Concen: 42.551 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

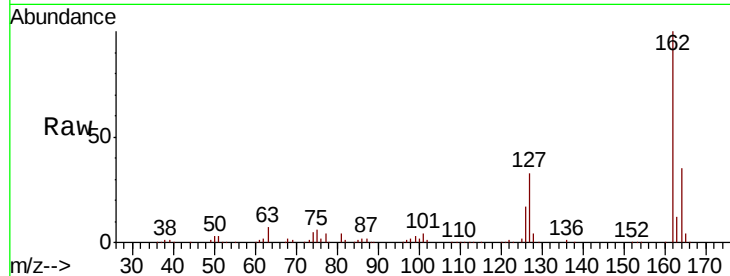
ClientSampleId :

PB122533BSD

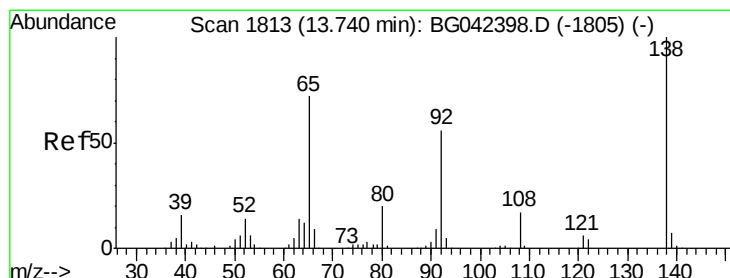
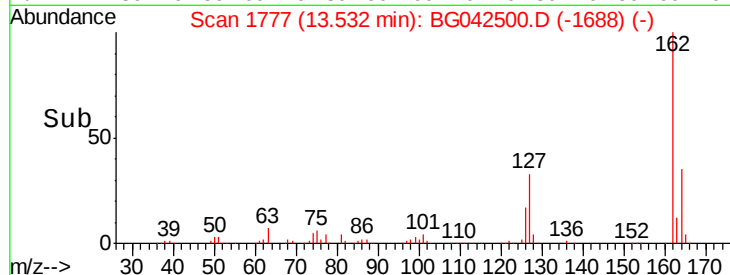
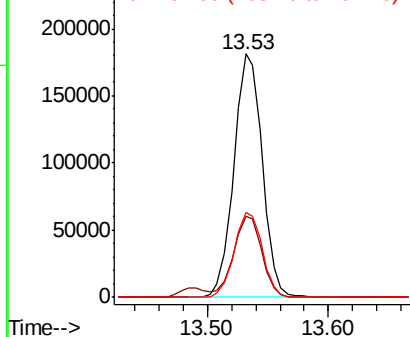
Tot Ion:	162	Resp:	296600
Ion Ratio	Lower	Upper	
162	100		
127	33.4	26.0	39.0
164	34.7	27.4	41.0

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



#48

2-Nitroaniline

Concen: 40.345 ng

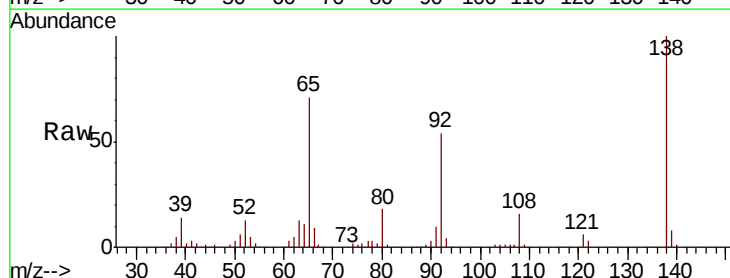
RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

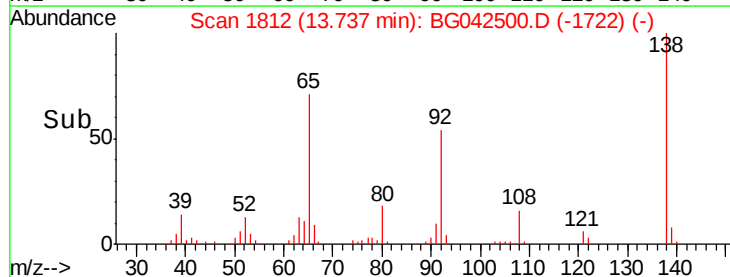
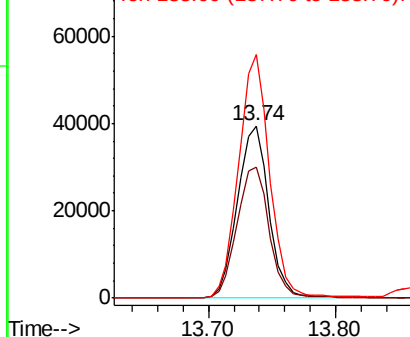
Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	65	Resp:	67814
Ion Ratio	Lower	Upper	
65	100		
92	76.2	61.8	92.6
138	141.2	111.0	166.6



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





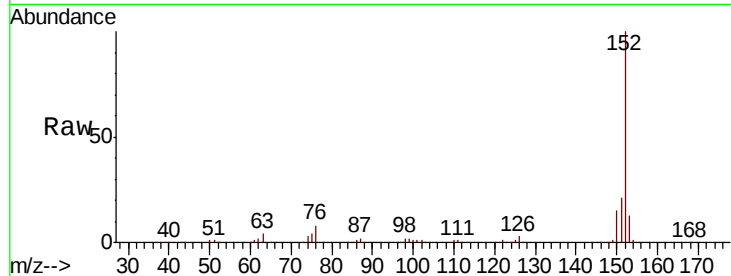
#49
Acenaphthylene
Concen: 44.583 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

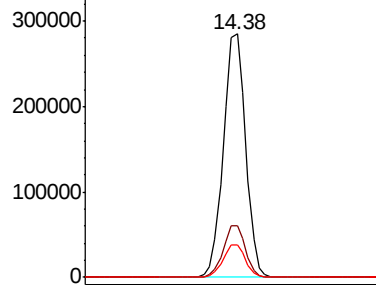
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.4
153	13.4	10.6	16.0

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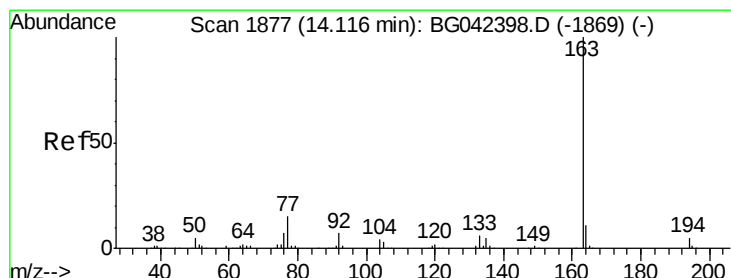
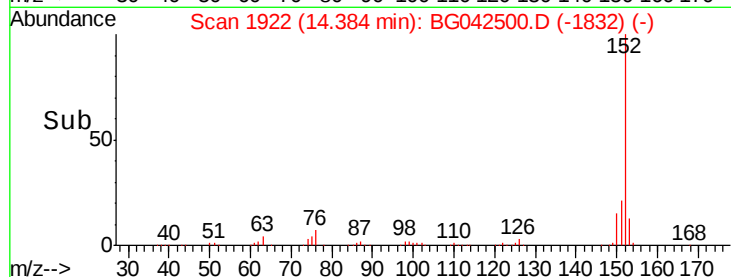
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

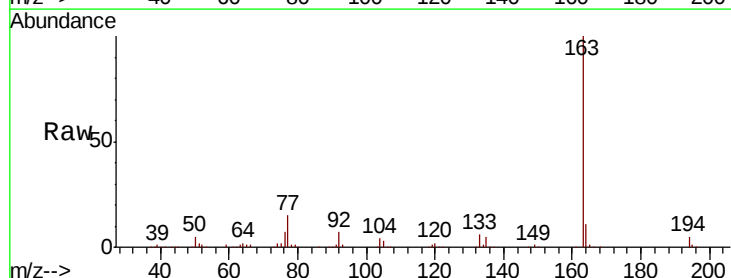


Time-->

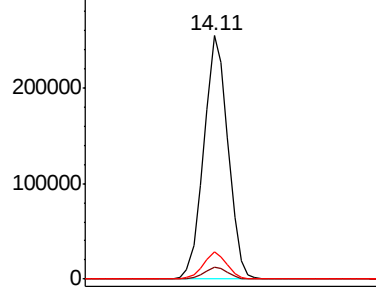


#50
Dimethylphthalate
Concen: 40.923 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

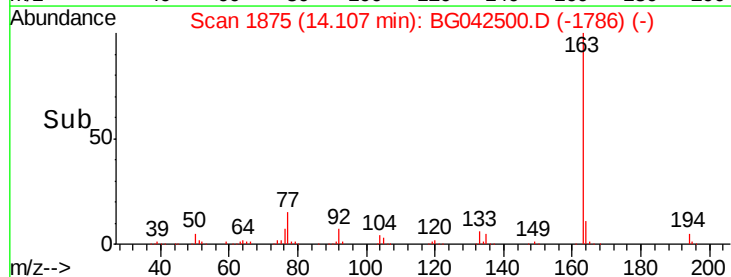
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.2	8.8	13.2

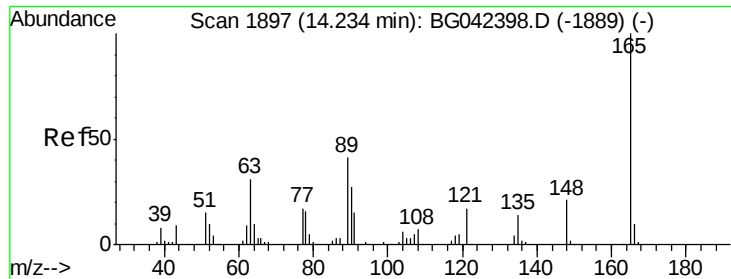


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





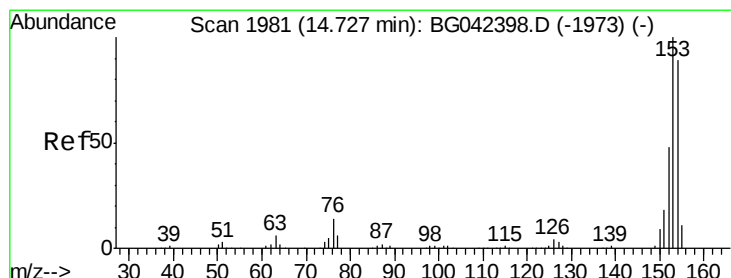
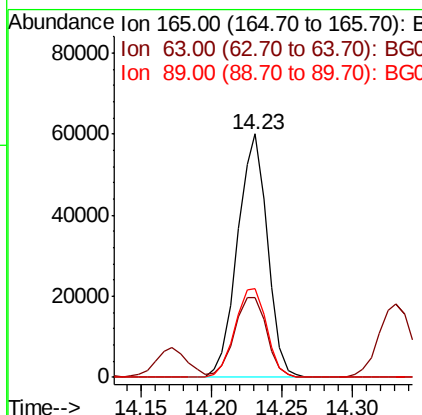
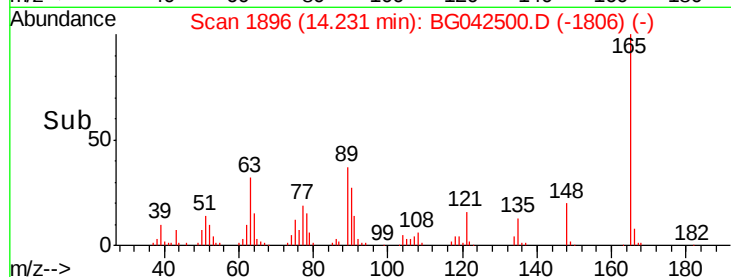
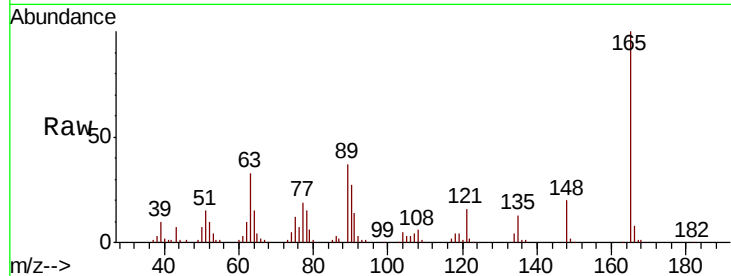
#51
 2,6-Dinitrotoluene
 Concen: 42.465 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion:	165	Resp:	88818
Ion Ratio	Lower	Upper	
165	100		
63	32.7	30.6	45.8
89	36.6	32.6	49.0

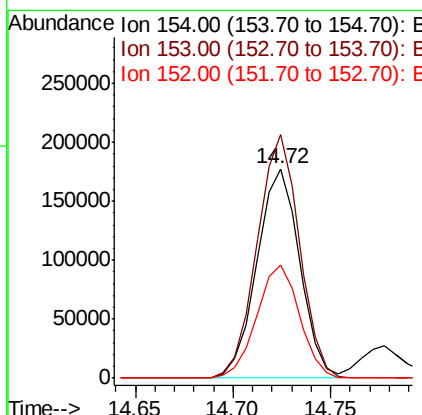
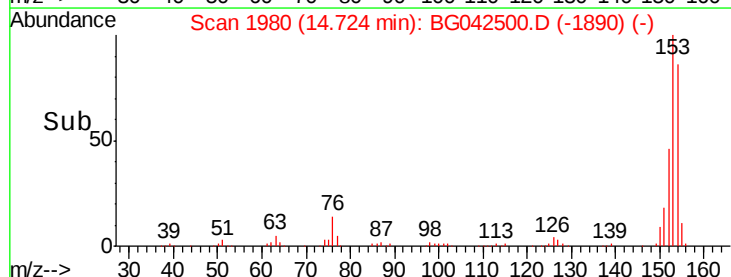
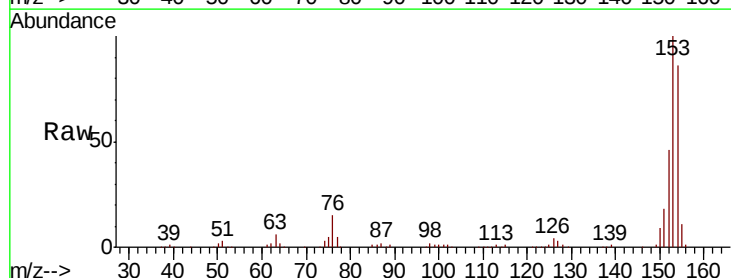
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#52
 Acenaphthene
 Concen: 42.390 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion:	154	Resp:	269931
Ion Ratio	Lower	Upper	
154	100		
153	116.2	90.2	135.4
152	53.9	43.2	64.8





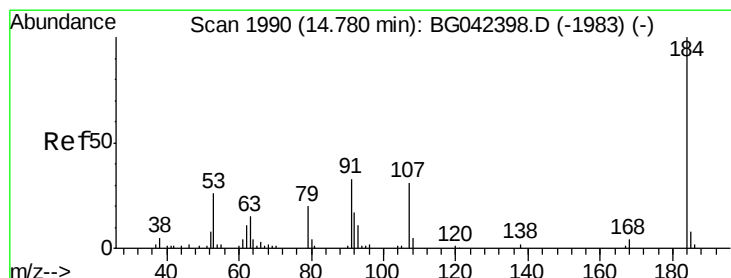
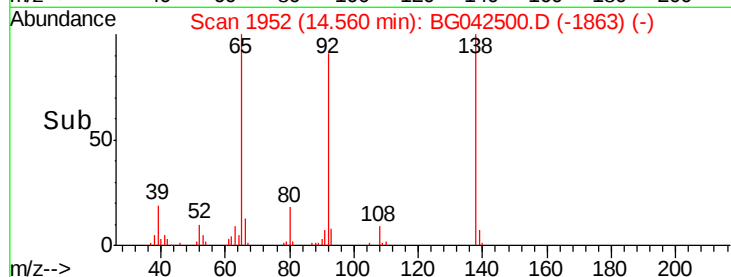
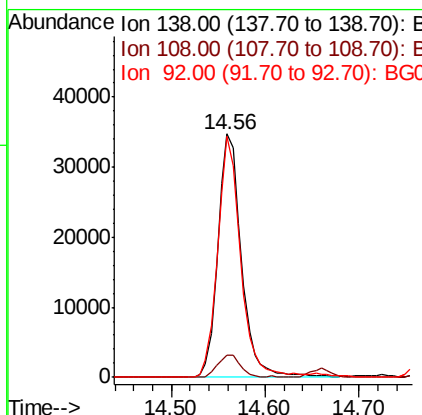
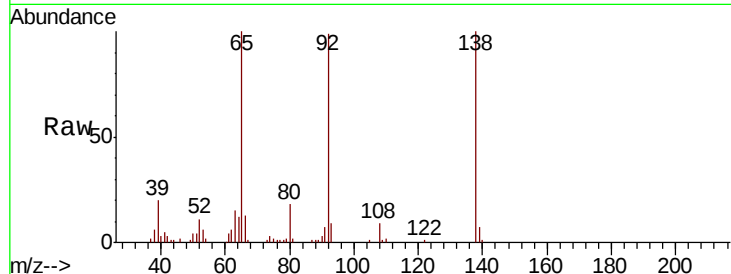
#53
3-Nitroaniline
Concen: 28.999 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.3	12.5
92	98.8	78.2	117.4

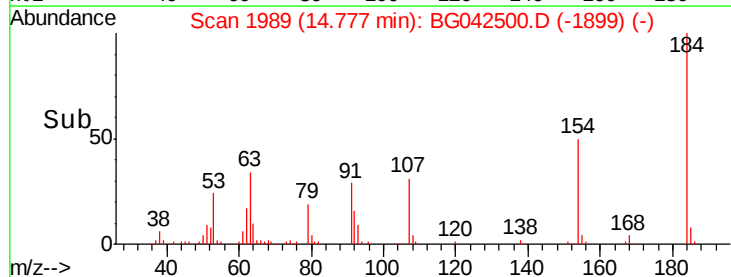
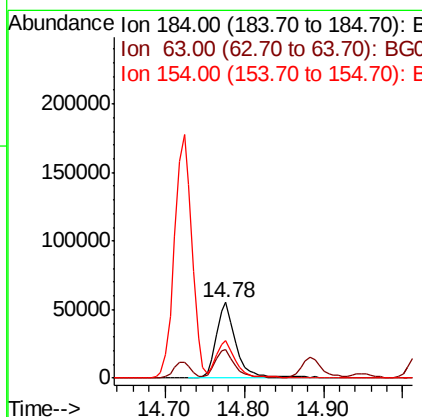
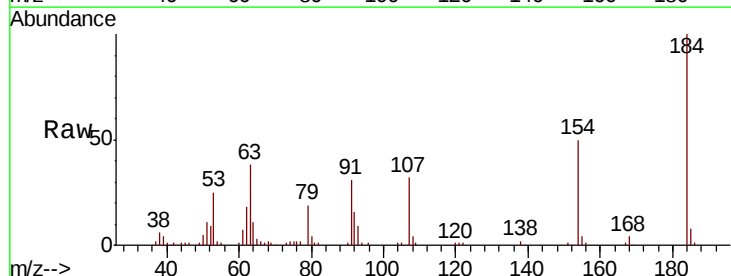
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#54
2,4-Dinitrophenol
Concen: 69.213 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.8	31.7	47.5
154	49.7	42.0	63.0





#55

Dibenzenofuran

Concen: 43.558 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

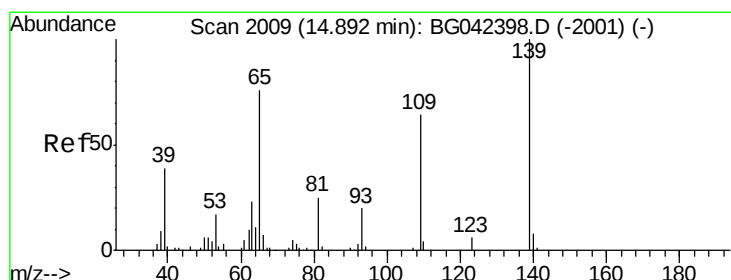
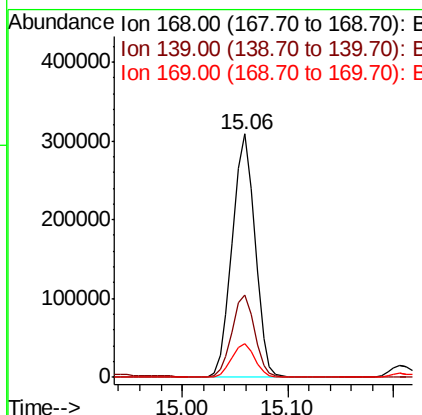
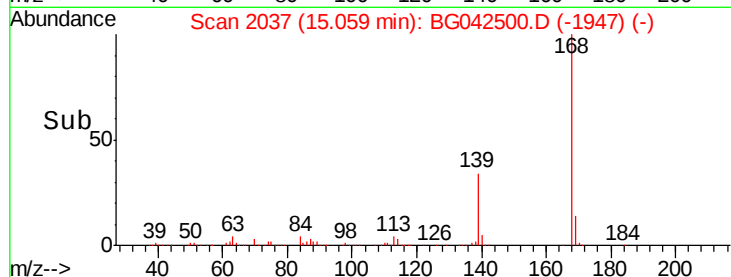
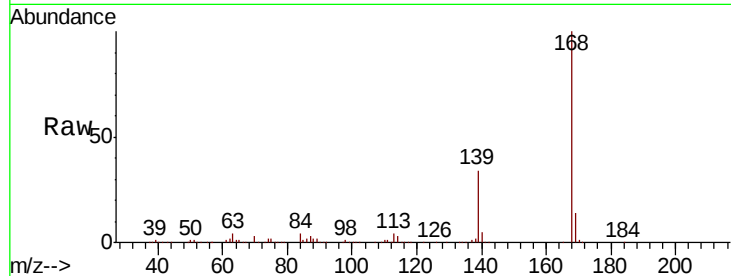
ClientSampleId :

PB122533BSD

Tot Ion:	168	Resp:	459123
Ion Ratio	Lower	Upper	
168	100		
139	33.9	27.2	40.8
169	14.0	11.5	17.3

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#56

4-Nitrophenol

Concen: 89.515 ng

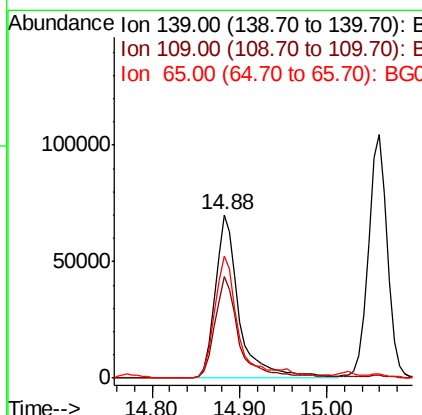
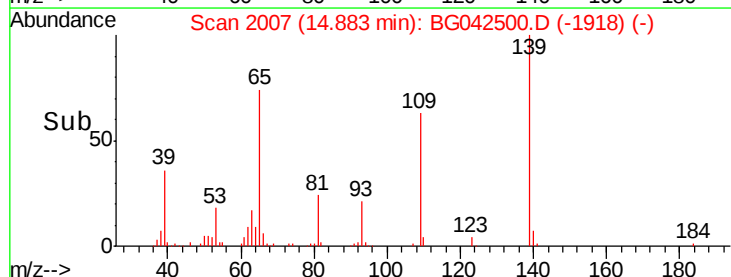
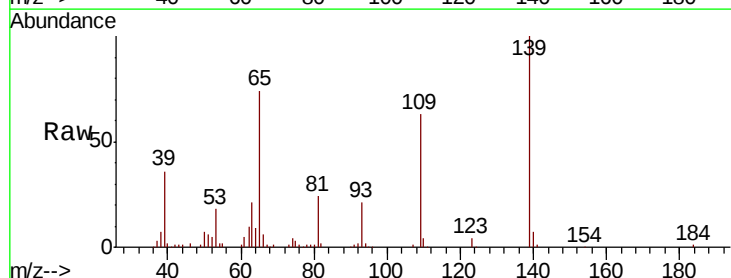
RT: 14.88 min Scan# 2007

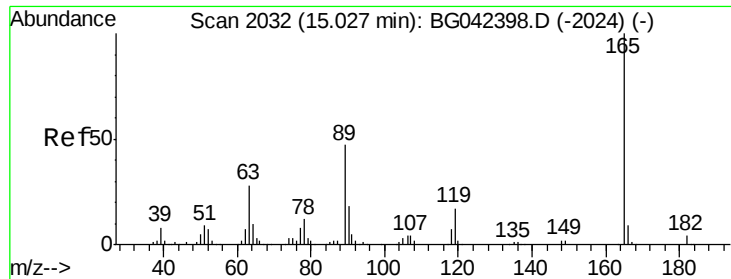
Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	139	Resp:	133050
Ion Ratio	Lower	Upper	
139	100		
109	62.5	43.9	83.9
65	74.4	56.3	96.3





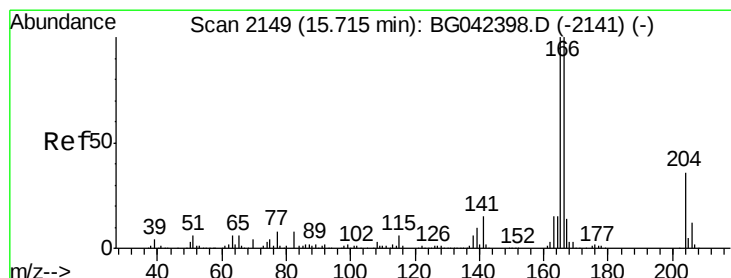
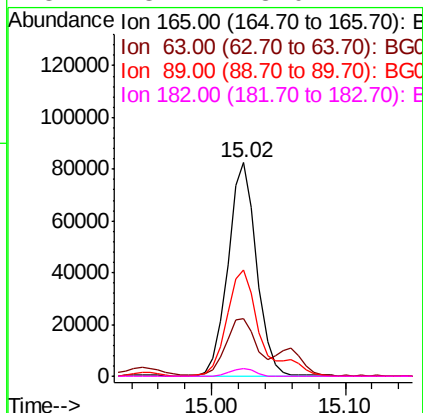
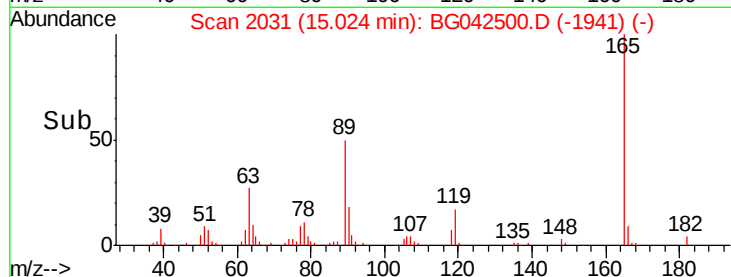
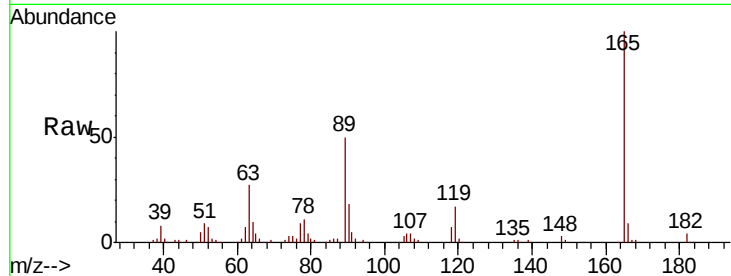
#57
 2,4-Dinitrotoluene
 Concen: 41.250 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		123545		
63	27.0	22.5	33.7		
89	49.9	37.8	56.6		
182	3.7	3.0	4.4		

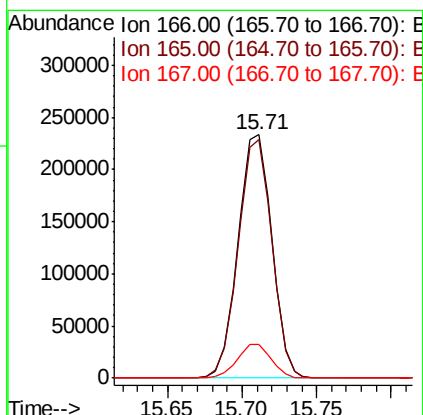
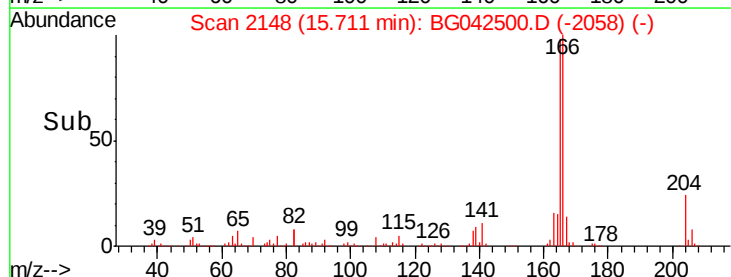
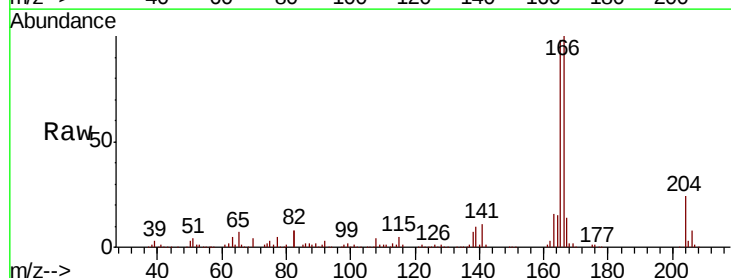
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#58
 Fluorene
 Concen: 42.647 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		367459		
165	97.7	79.7	119.5		
167	14.0	10.9	16.3		





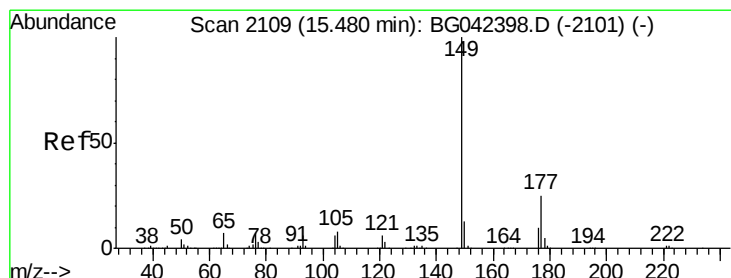
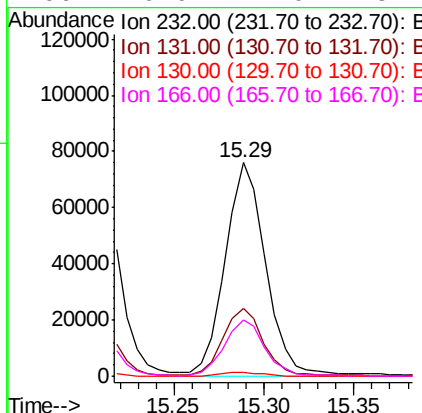
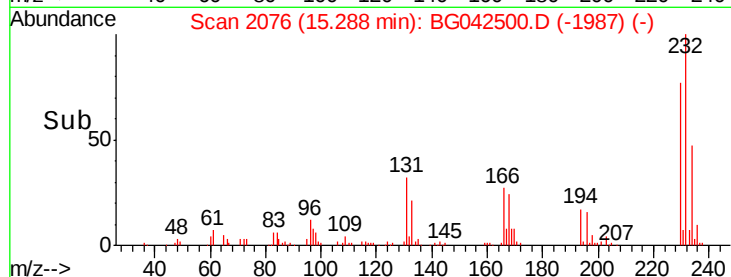
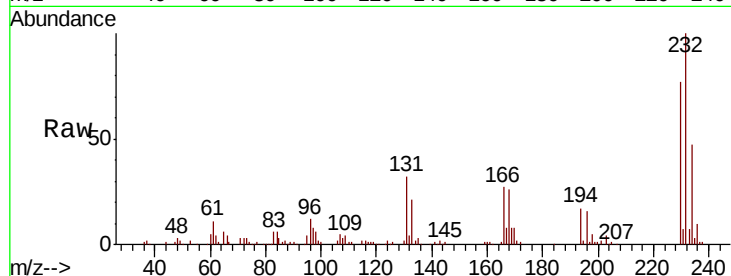
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.805 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	119081		
131	28.2		22.9	34.3
130	1.5		1.4	2.0
166	20.9		17.0	25.4

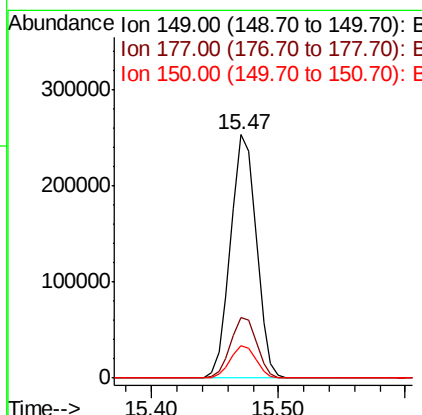
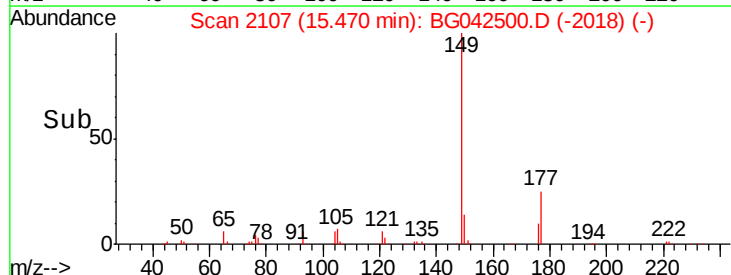
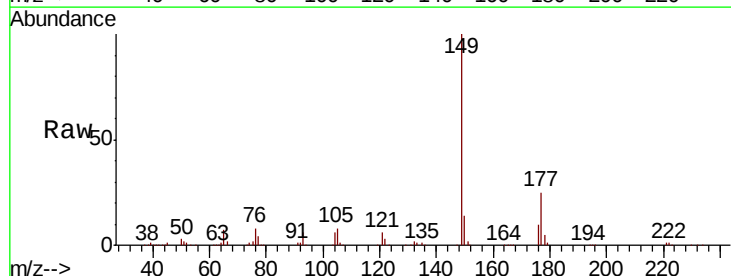
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#60
 Diethylphthalate
 Concen: 40.330 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	355743		
177	25.1		20.4	30.6
150	13.6		10.3	15.5





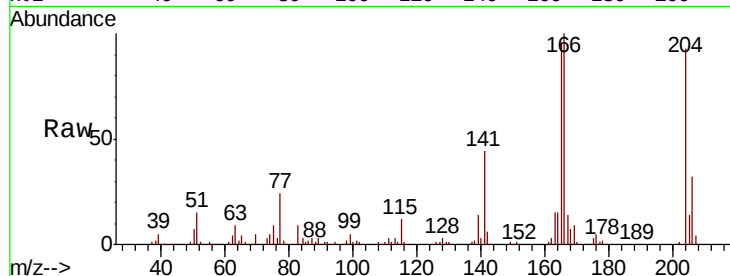
#61
4-Chlorophenyl-phenylether
Concen: 40.664 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	211207		
206	35.0	27.2	40.8	
141	47.4	38.7	58.1	

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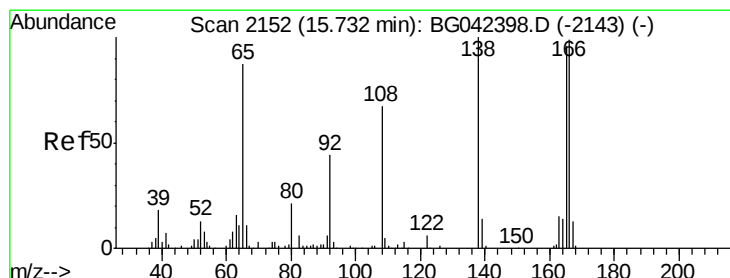
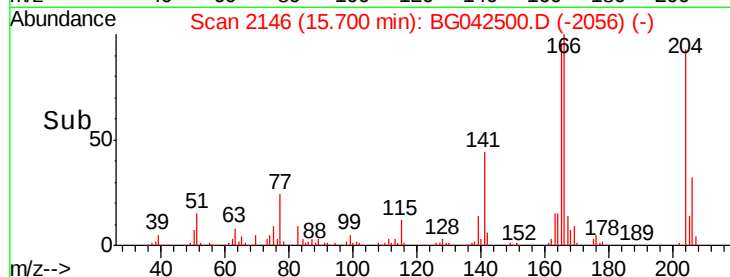
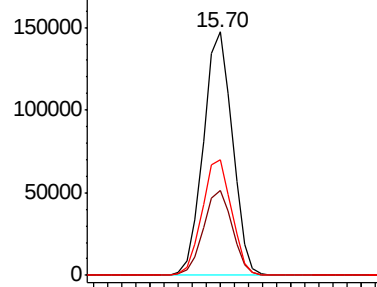


Abundance

Ion 204.00 (203.70 to 204.70): E

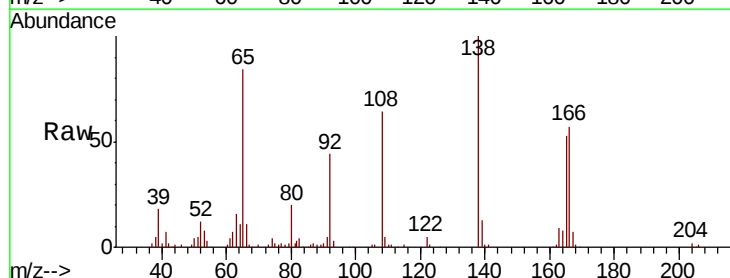
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.096 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	87524		
92	43.8	24.2	64.2	
108	63.9	46.8	86.8	

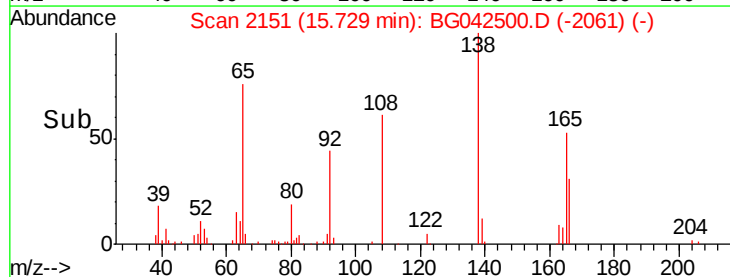
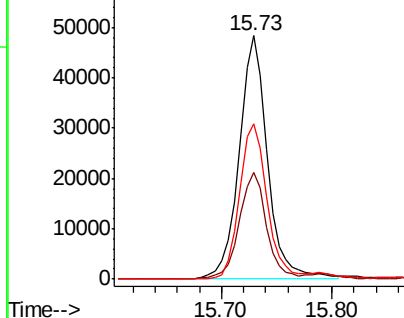


Abundance

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





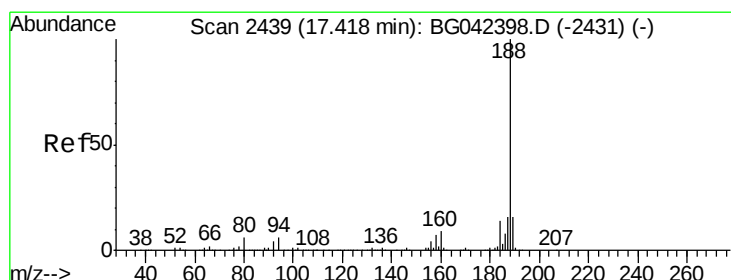
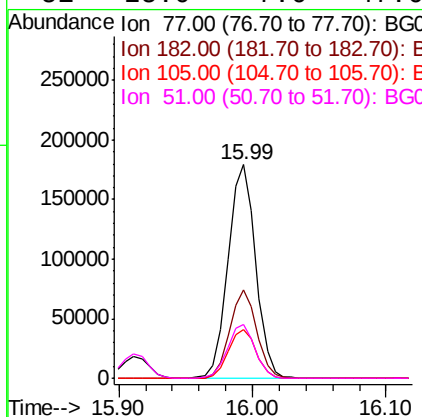
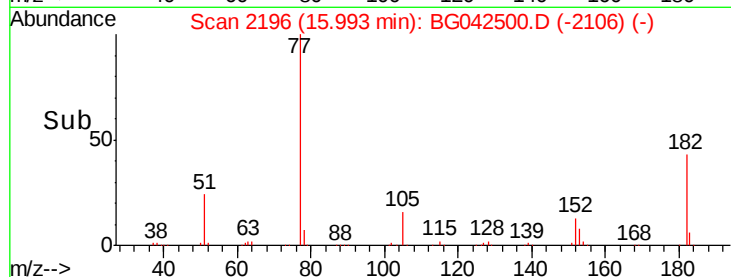
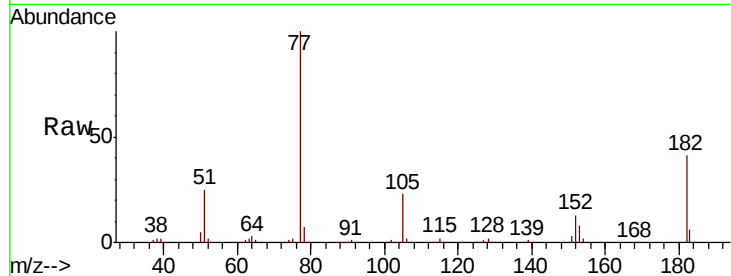
#63
Azobenzene
Concen: 42.877 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampled :
PB122533BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		259160		
182	41.5	19.9	59.9		
105	22.9	2.9	42.9		
51	25.0	7.6	47.6		

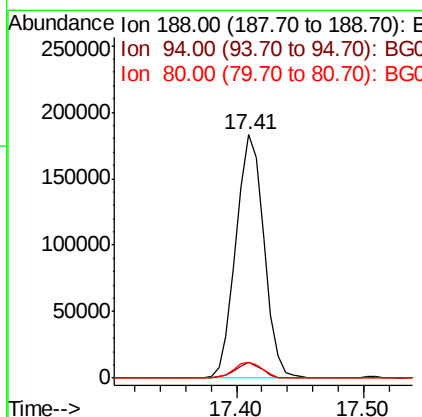
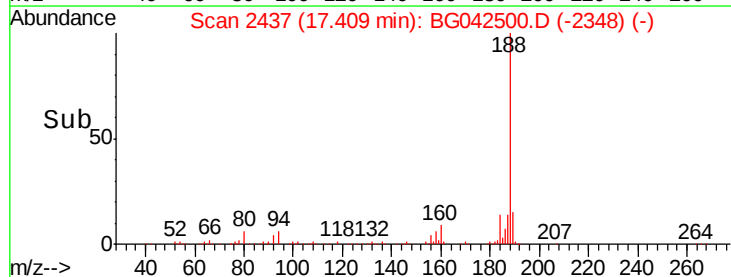
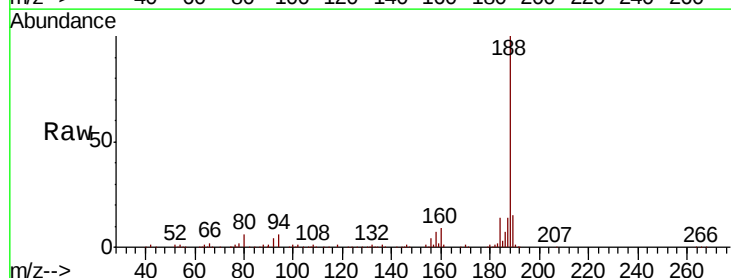
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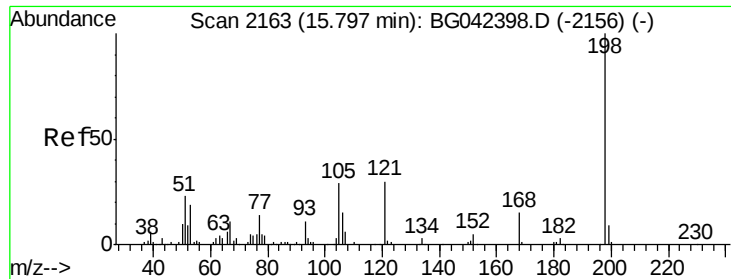
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		279225		
94	6.2	4.5	6.7		
80	6.4	4.9	7.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.269 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

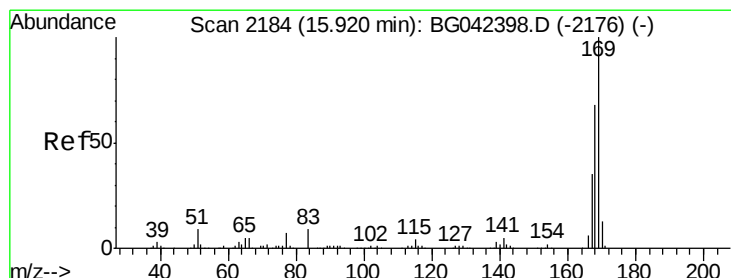
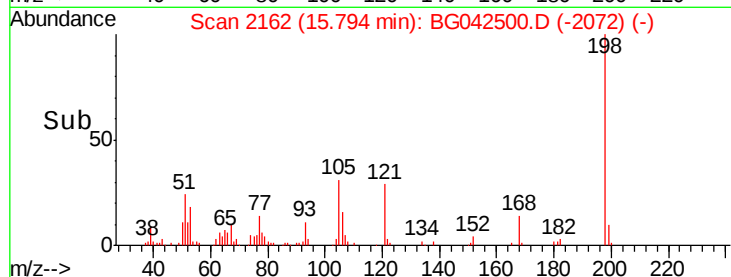
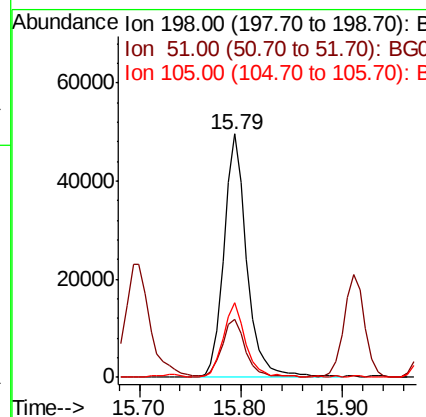
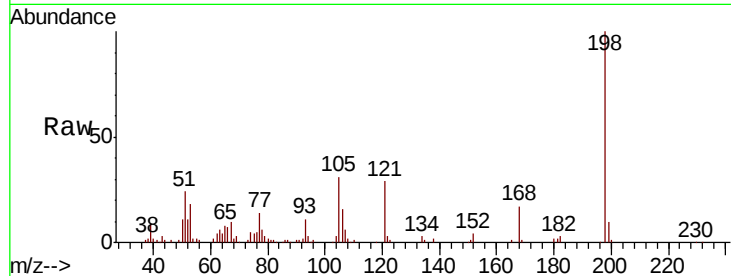
ClientSampleId :

PB122533BSD

Tot Ion:	198	Resp:	77499
Ion Ratio	Lower	Upper	
198	100		
51	23.8	4.2	44.2
105	30.6	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 44.124 ng

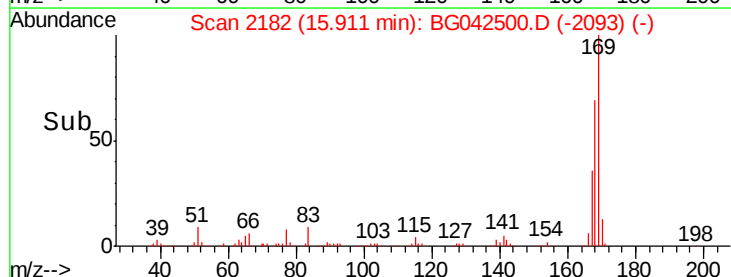
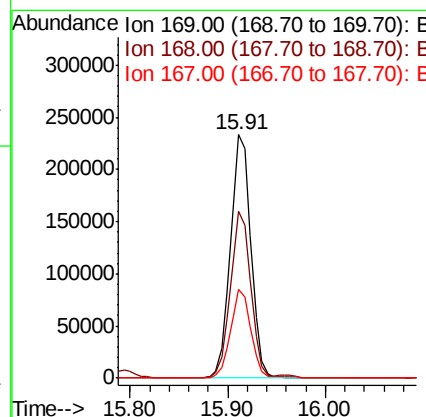
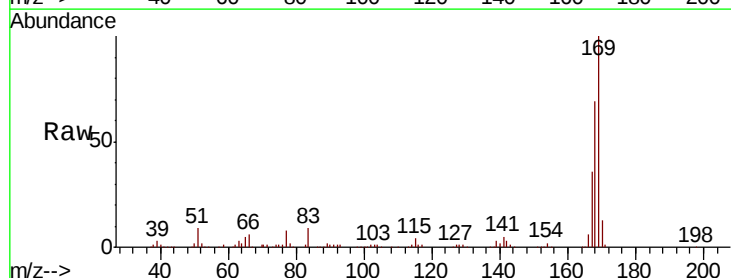
RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	169	Resp:	338824
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.3	81.5
167	36.4	28.2	42.2





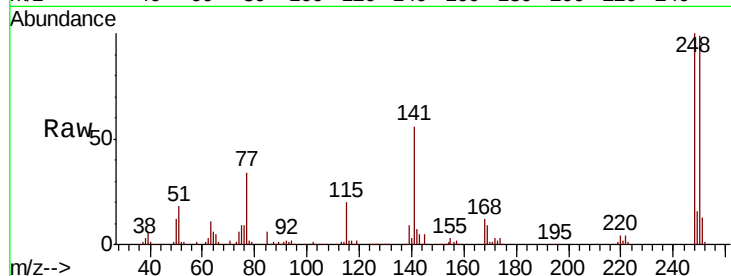
#67
 4-Bromophenyl-phenylether
 Concen: 40.587 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampled :
 PB122533BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.9	118.3
141	56.1	43.3	64.9

Manual Integrations
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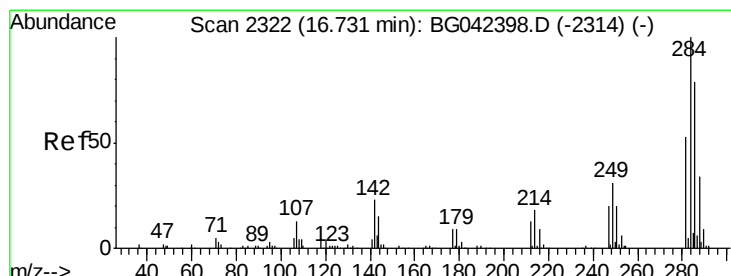
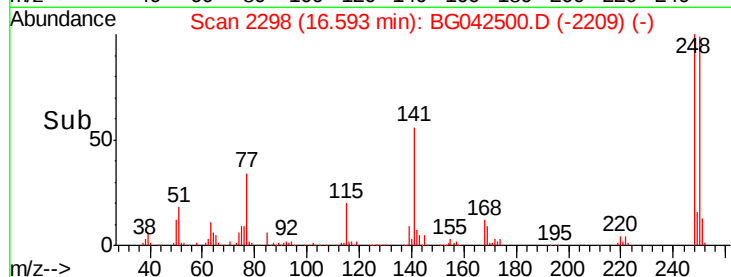
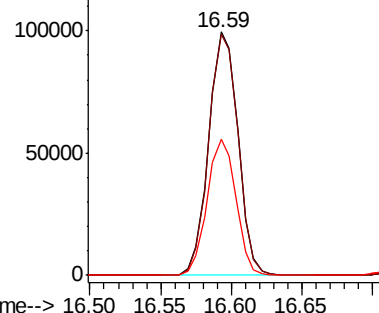


Abundance

Ion 248.00 (247.70 to 248.70): E

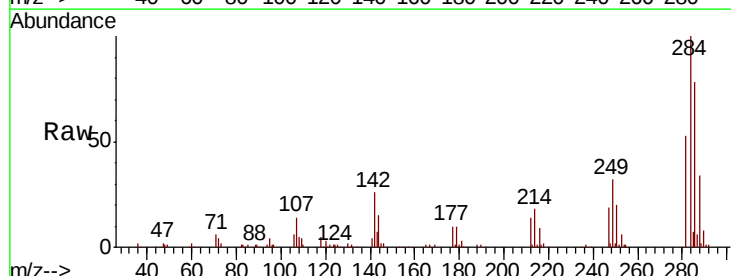
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.050 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	18.2	27.4
249	31.6	25.0	37.4

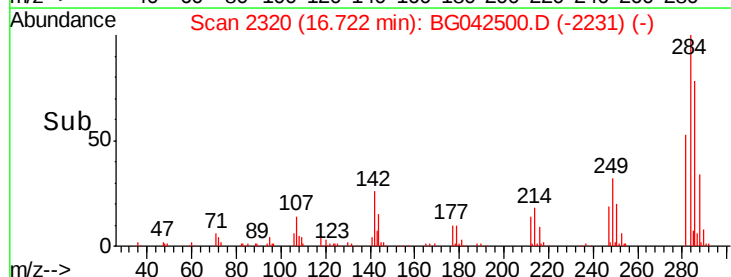
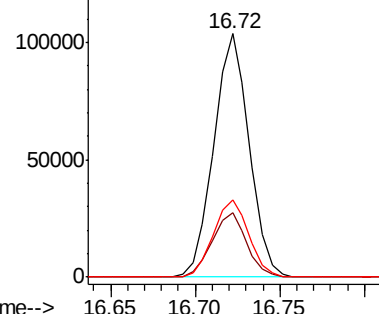


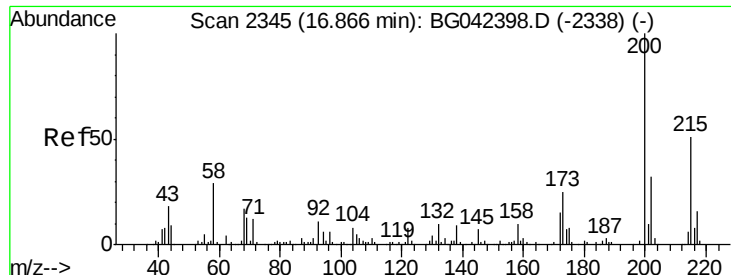
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





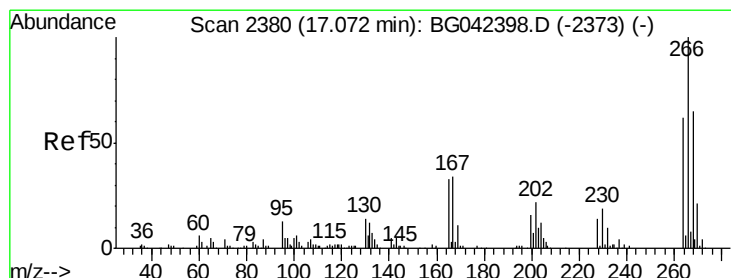
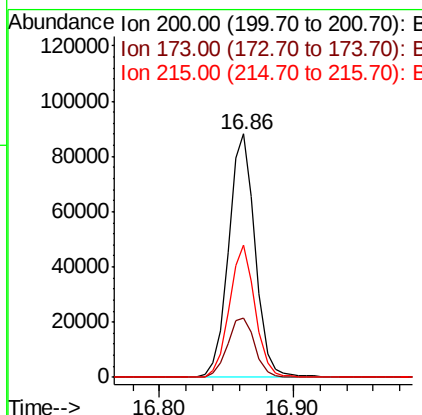
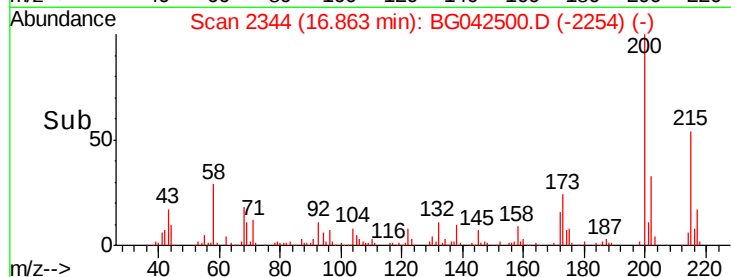
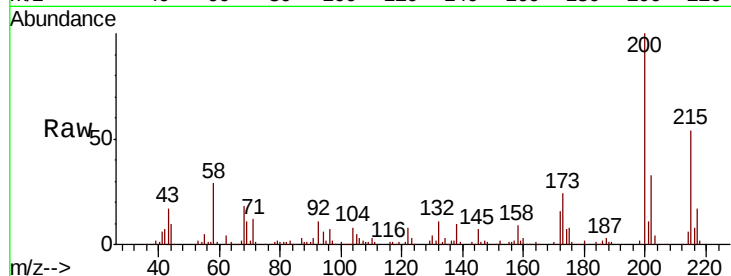
#69
Atrazine
Concen: 45.166 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.5	4.9	44.9
215	54.5	30.7	70.7

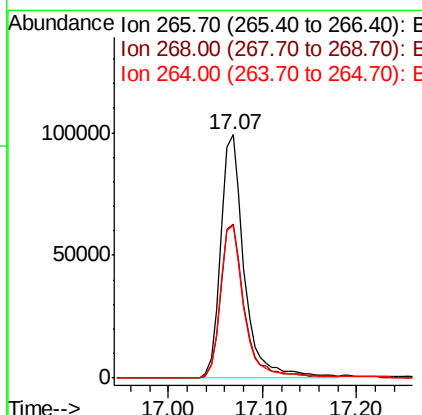
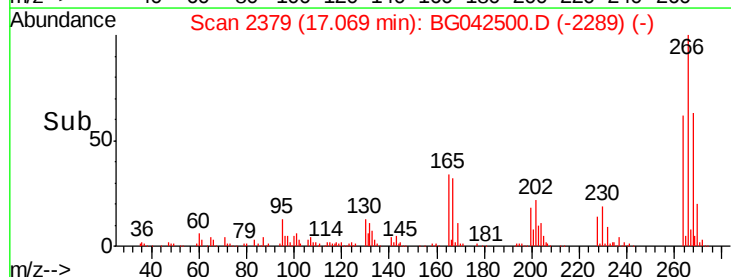
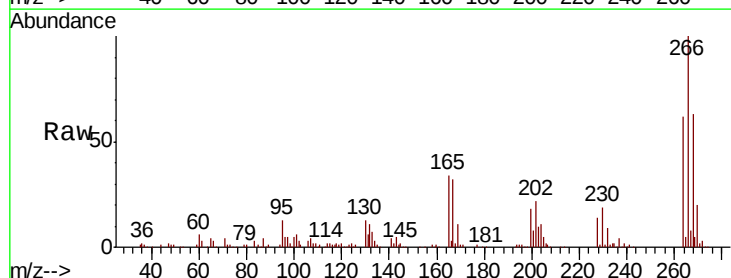
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#70
Pentachlorophenol
Concen: 86.854 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	52.1	78.1
264	62.5	49.4	74.2





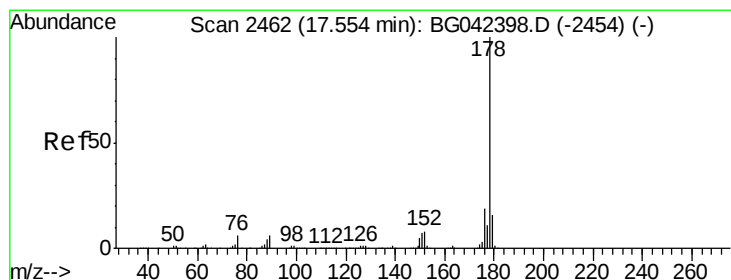
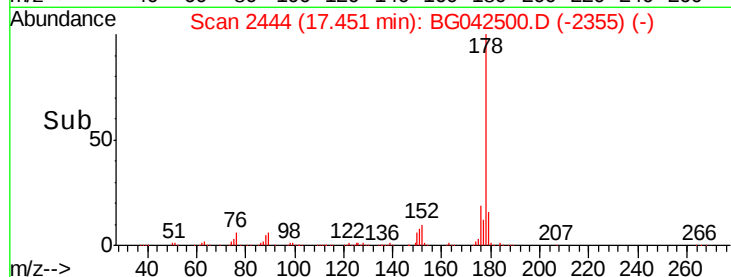
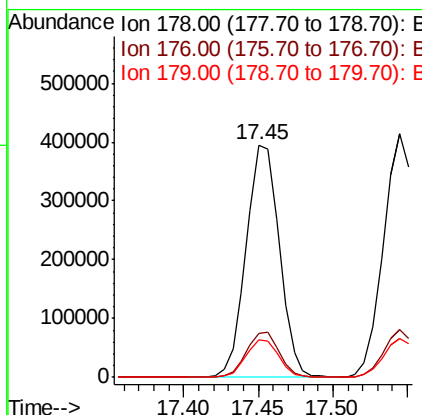
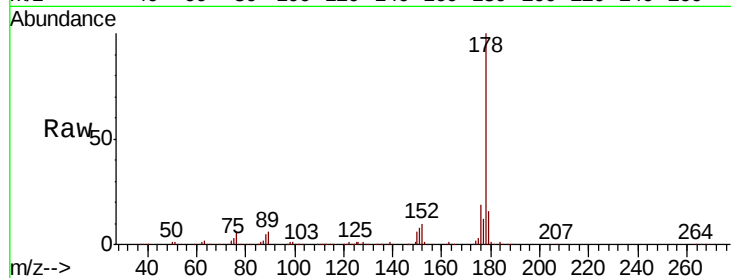
#71
Phenanthrene
Concen: 43.956 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.3	12.7	19.1

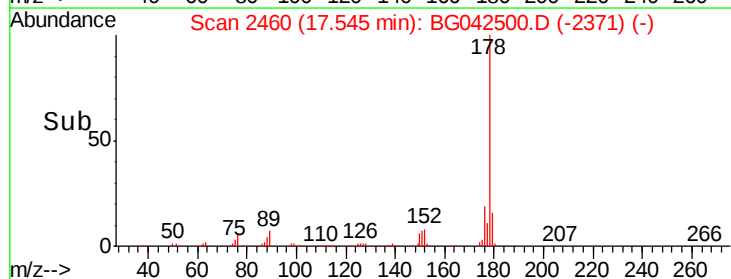
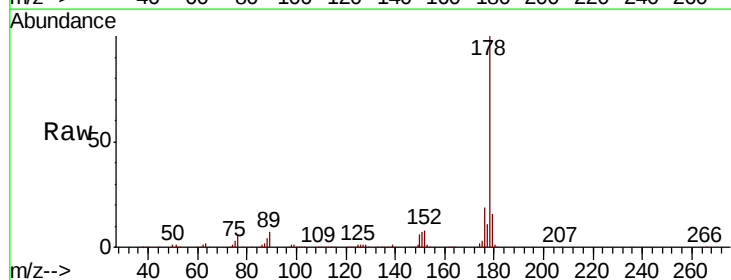
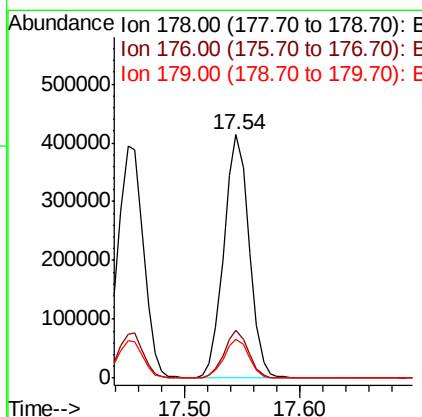
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#72
Anthracene
Concen: 45.203 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.2	12.9	19.3





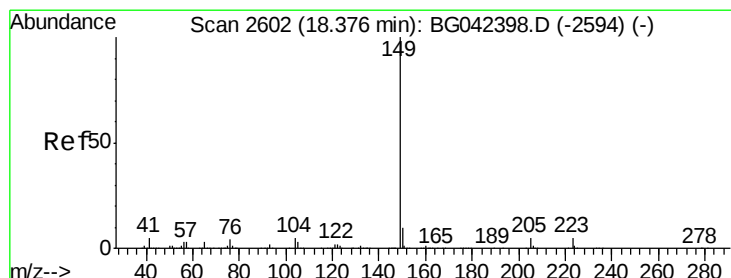
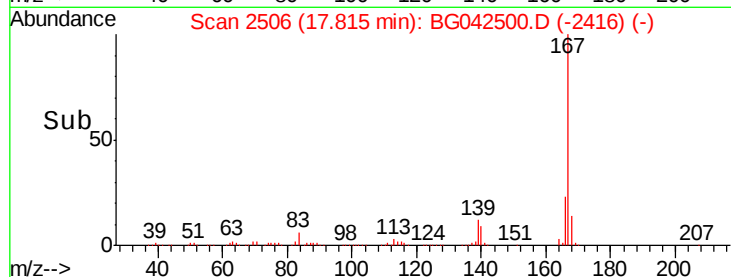
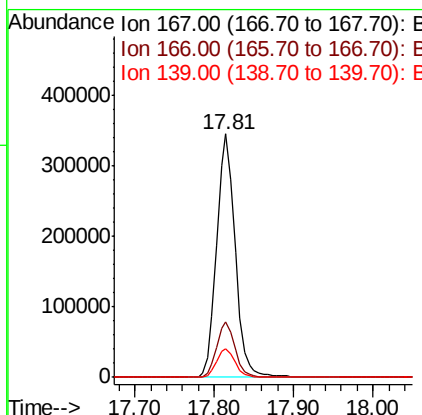
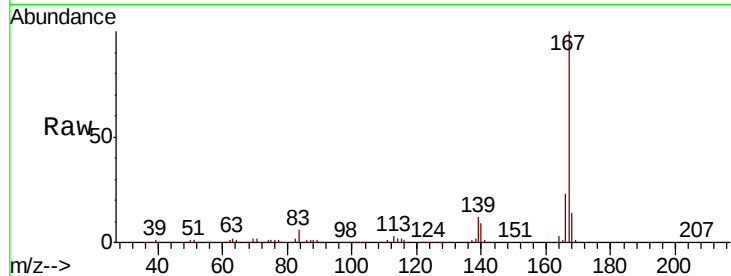
#73
 Carbazole
 Concen: 45.430 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	560614		
166	22.7	18.9	28.3	
139	11.9	9.8	14.6	

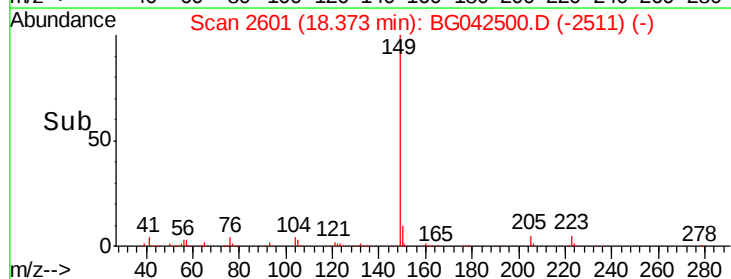
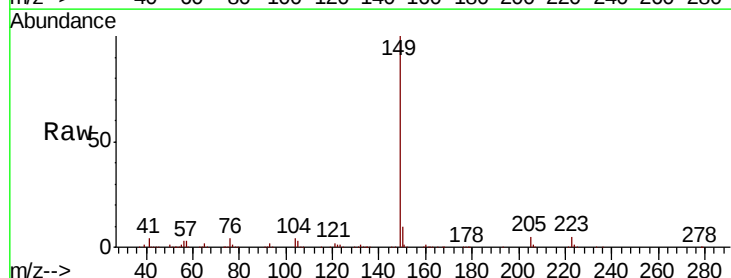
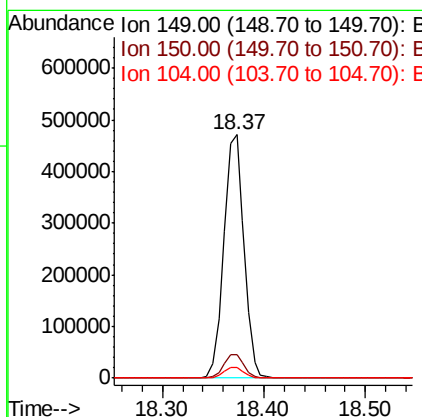
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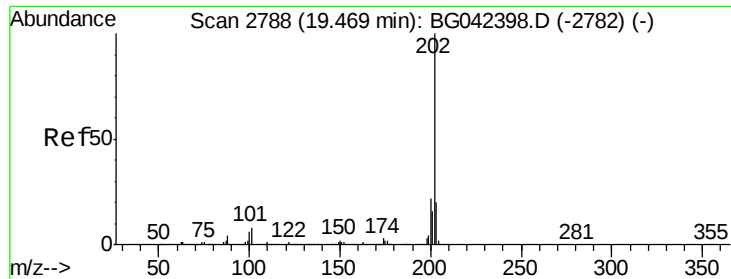
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#74
 Di-n-butylphthalate
 Concen: 44.454 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042500.D
 Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	648452		
150	9.7	8.1	12.1	
104	4.3	3.7	5.5	





#75

Fluoranthene

Concen: 47.665 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

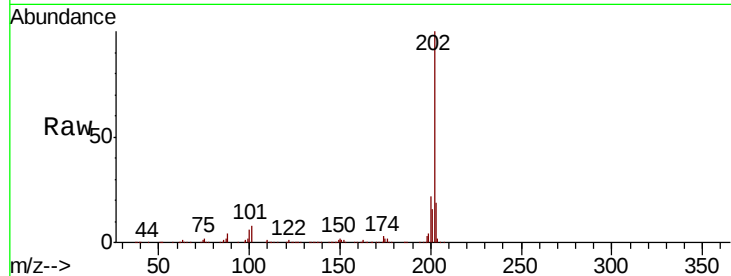
ClientSampleId :

PB122533BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	0.0	28.3
203	19.1	0.0	39.6

Manual Integrations
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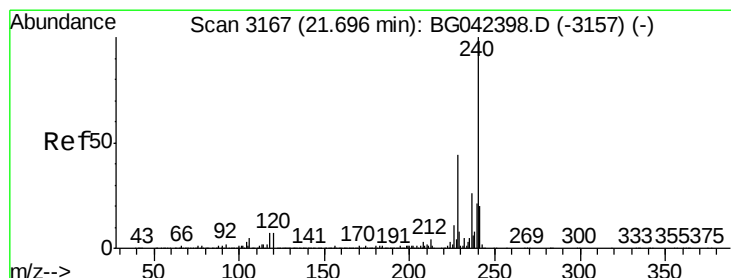
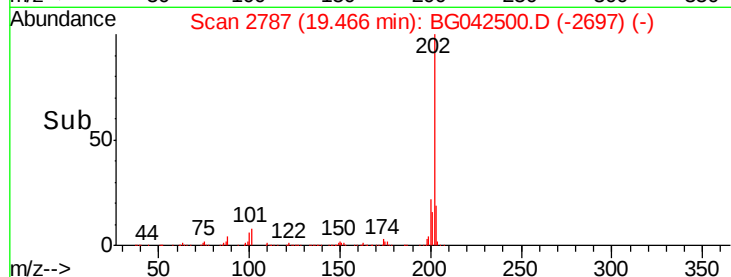
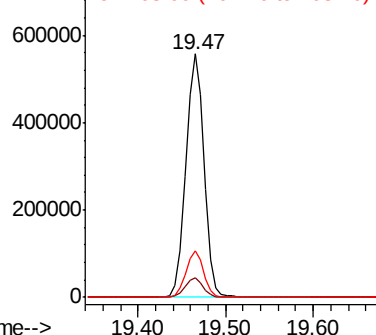


Abundance

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

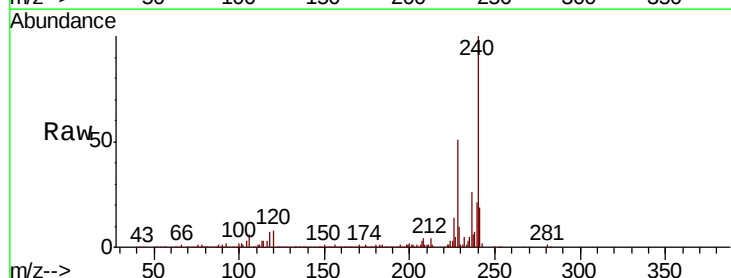
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.5	5.7	8.5
236	26.2	21.0	31.4

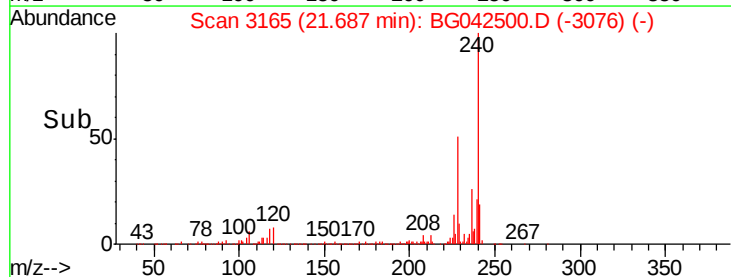
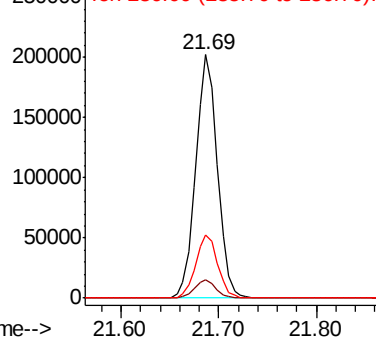


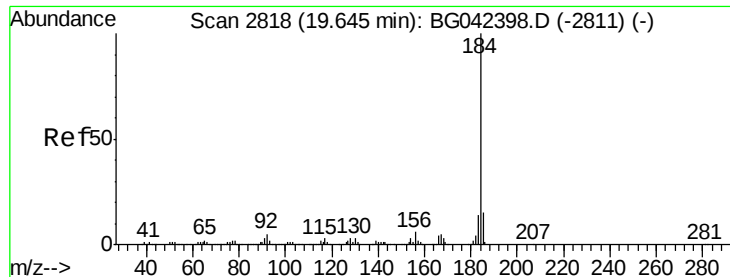
Abundance

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: 50.278 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

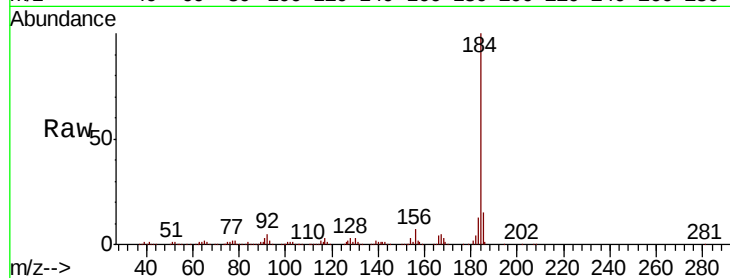
ClientSampleId :

PB122533BSD

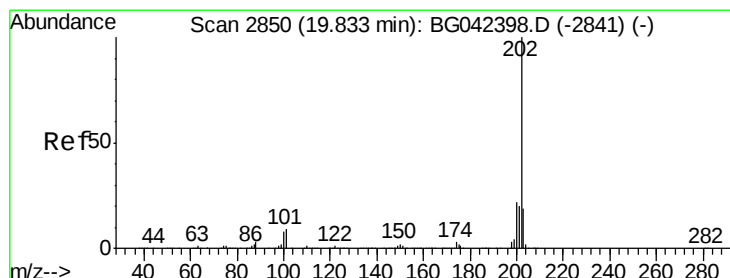
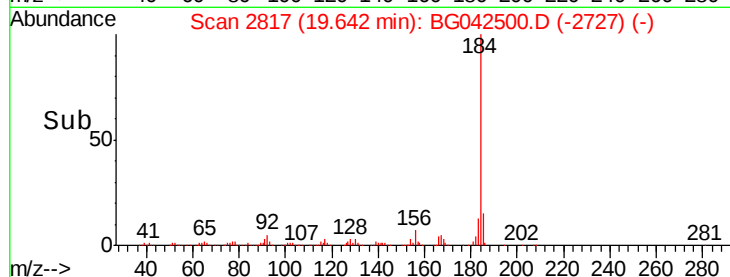
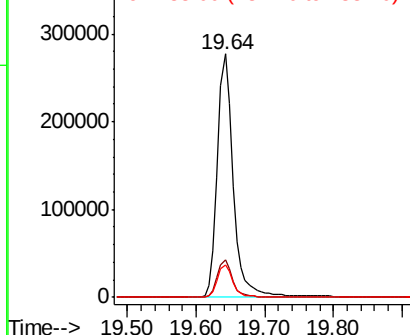
Tot Ion:	184	Resp:	447710
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.4
183	13.4	10.8	16.2

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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: 42.461 ng

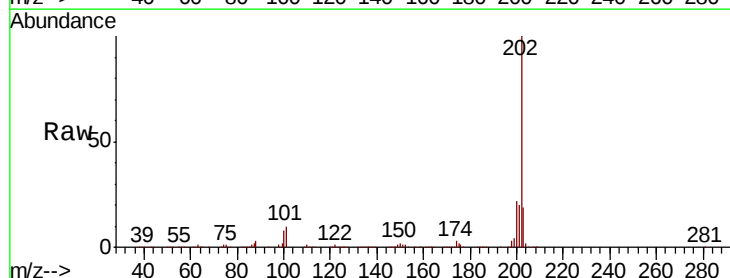
RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

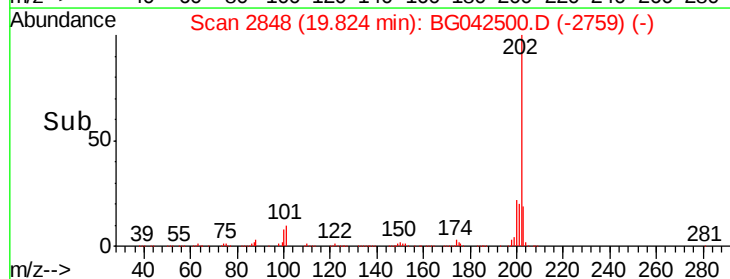
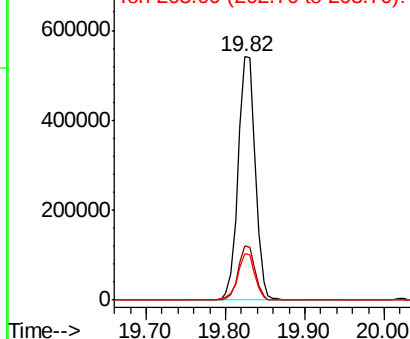
Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	202	Resp:	808541
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.6
203	18.9	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: 69.463 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

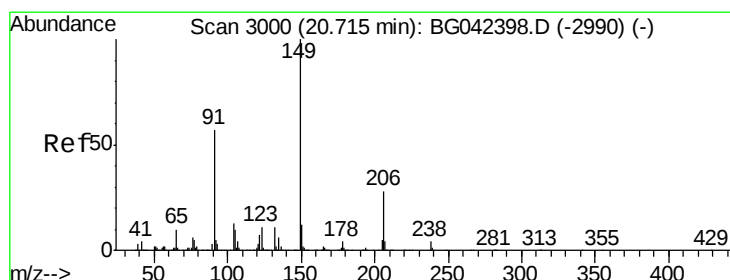
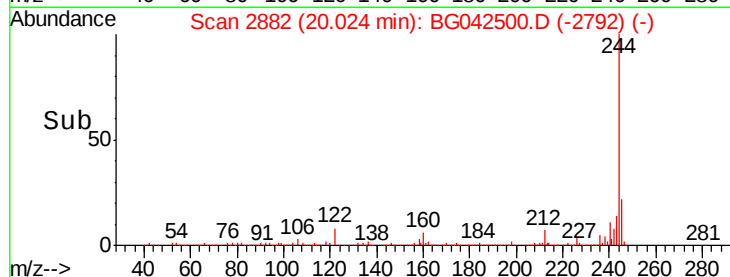
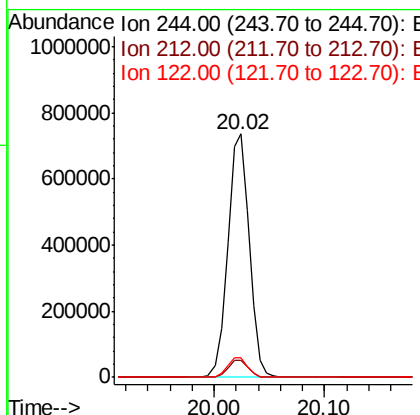
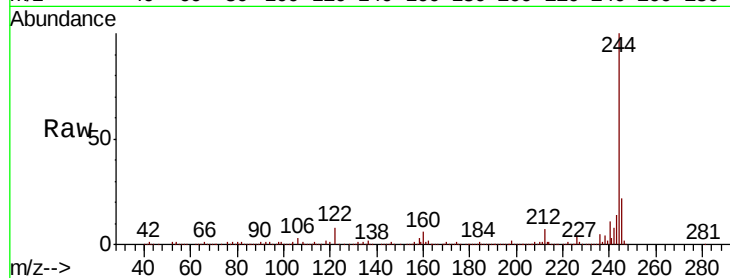
ClientSampleId :

PB122533BSD

Tot Ion:	244	Resp:	997921
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	8.0	6.7	10.1

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#80

Butylbenzylphthalate

Concen: 43.097 ng

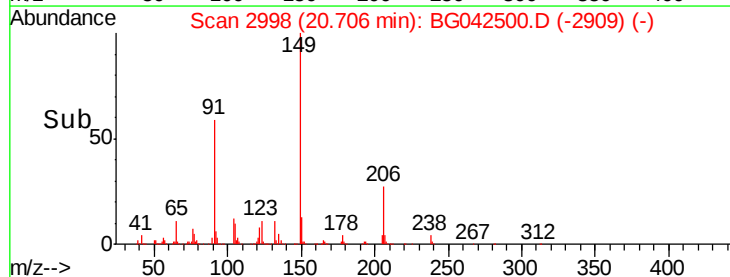
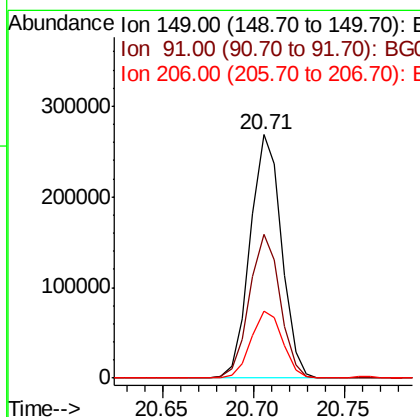
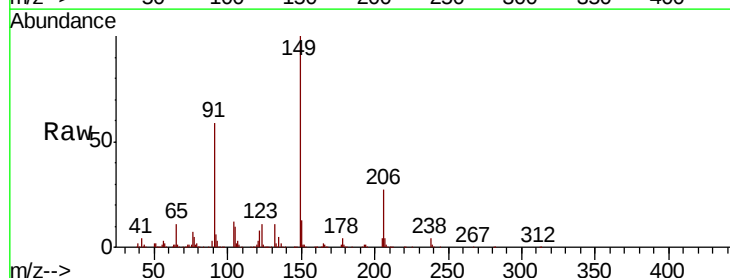
RT: 20.71 min Scan# 2998

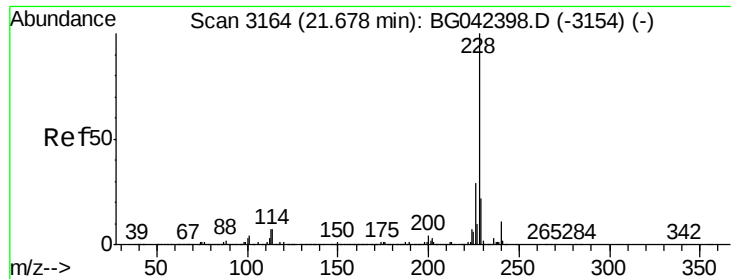
Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	149	Resp:	322784
Ion Ratio	Lower	Upper	
149	100		
91	58.8	45.9	68.9
206	27.3	22.5	33.7





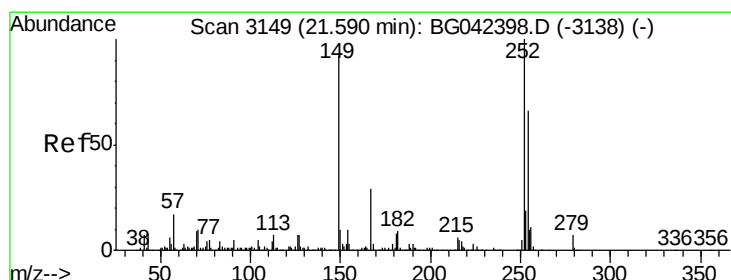
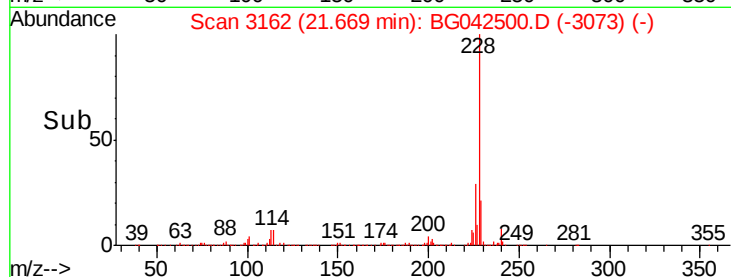
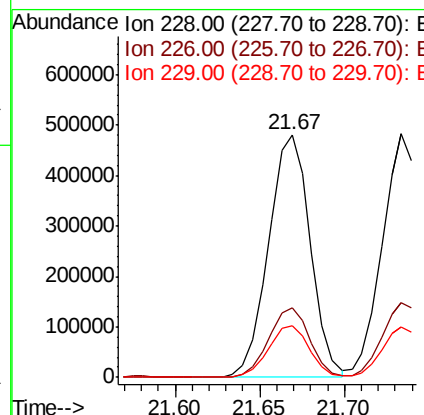
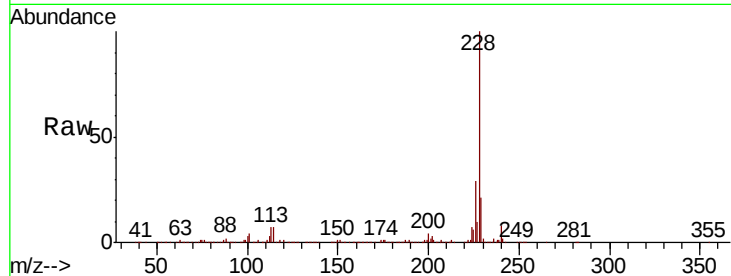
#81
Benzo(a)anthracene
Concen: 43.474 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	21.5	17.4	26.2

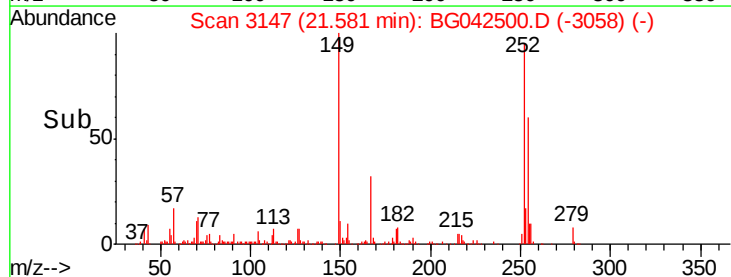
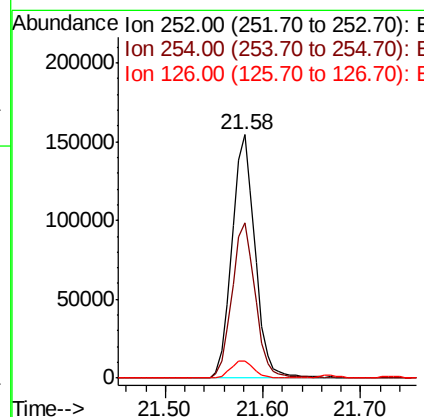
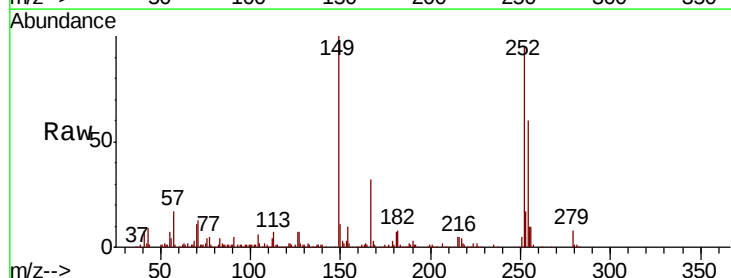
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#82
3,3'-Dichlorobenzidine
Concen: 33.420 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	53.0	79.4
126	6.9	5.7	8.5





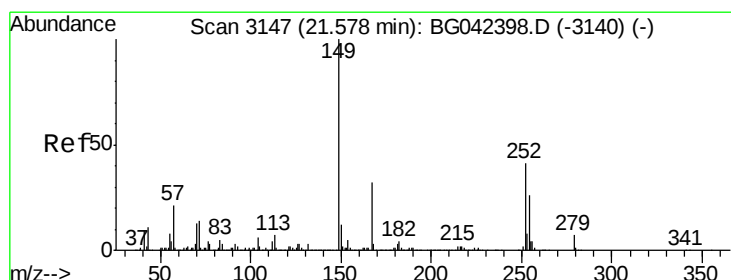
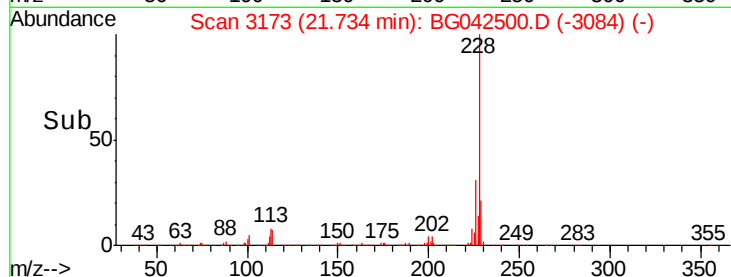
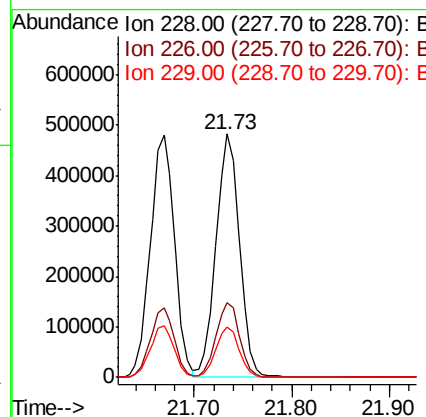
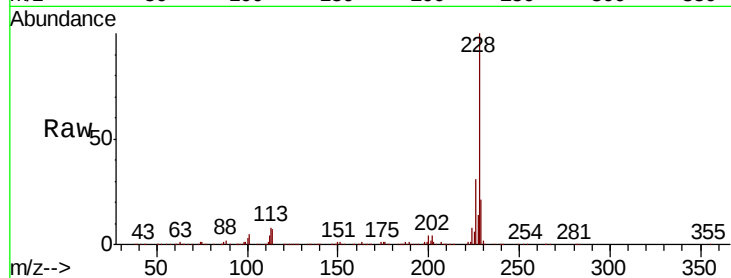
#83
Chrysene
Concen: 44.083 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	16.9	25.3

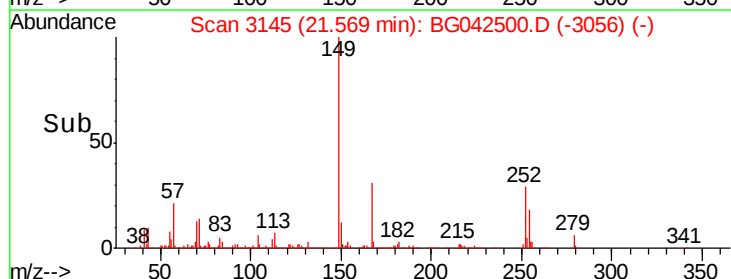
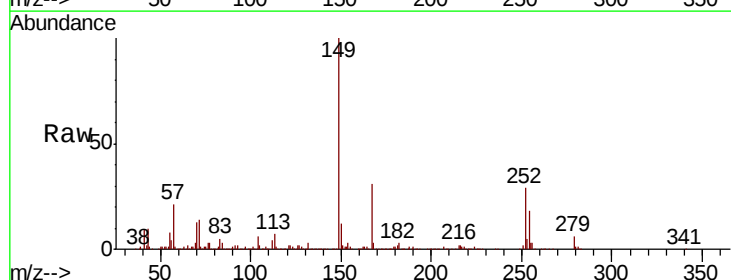
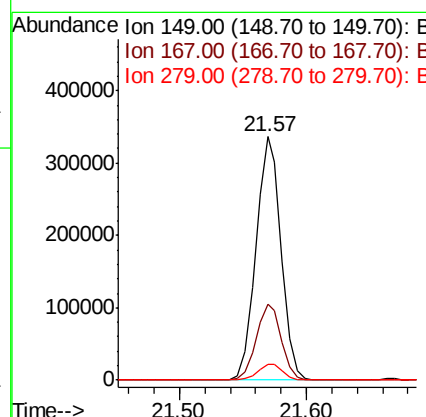
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.398 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	26.0	39.0
279	6.5	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 45.435 ng

RT: 22.79 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Instrument :

BNA_G

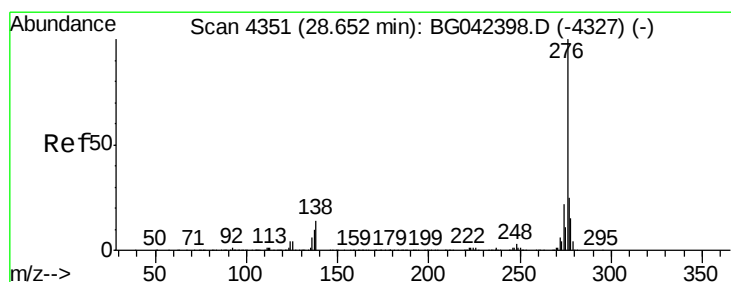
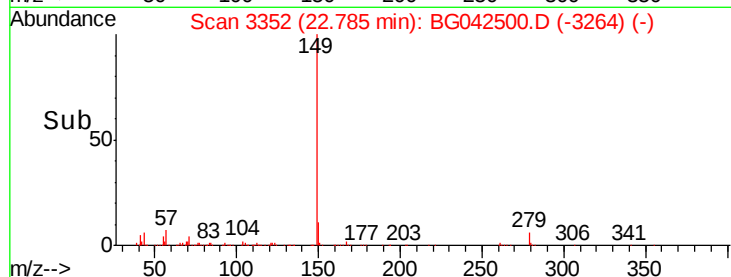
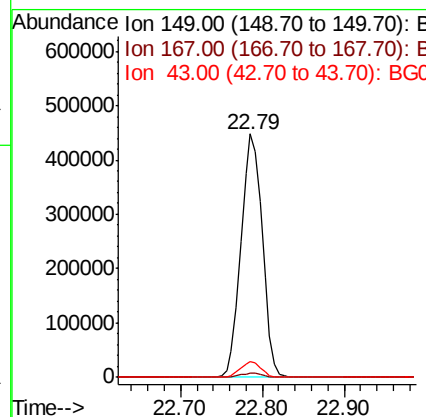
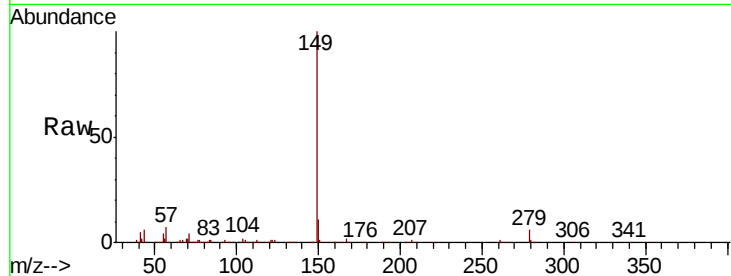
ClientSampleId :

PB122533BSD

Tot Ion:	149	Resp:	812626
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.6	2.4
43	6.3	5.3	7.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.600 ng

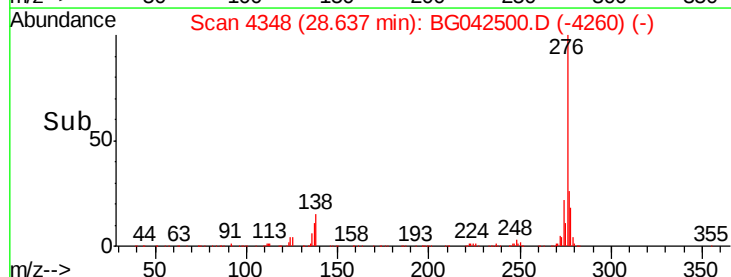
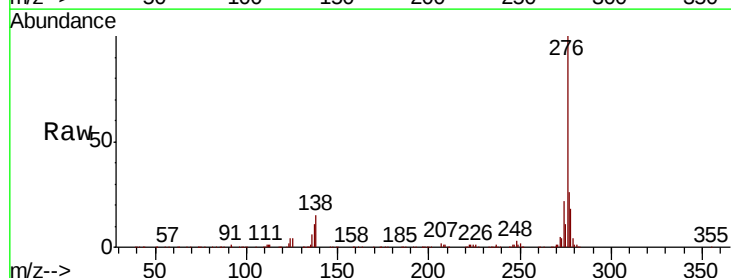
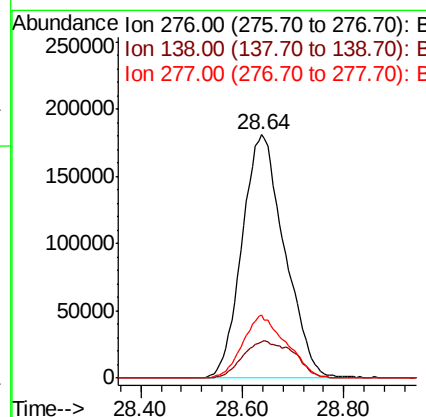
RT: 28.64 min Scan# 4348

Delta R.T. -0.01 min

Lab File: BG042500.D

Acq: 26 Aug 2019 15:02

Tgt Ion:	276	Resp:	1054863
Ion Ratio	Lower	Upper	
276	100		
138	18.4	9.2	13.8#
277	26.3	21.0	31.6





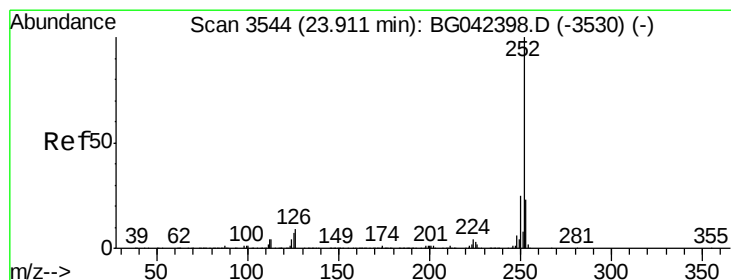
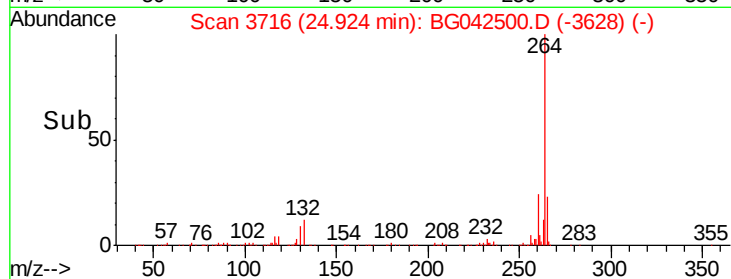
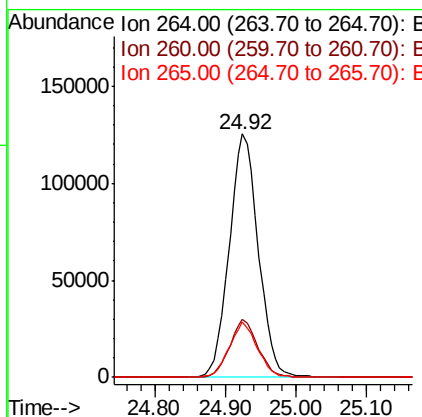
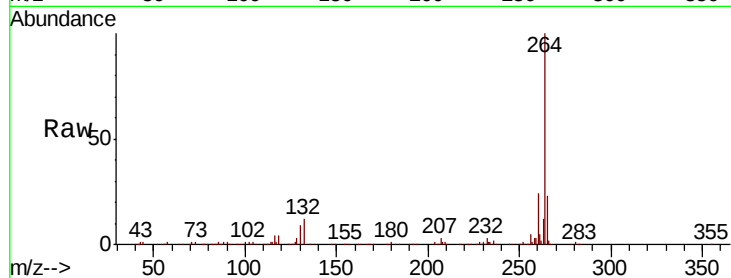
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.8	17.6	26.4

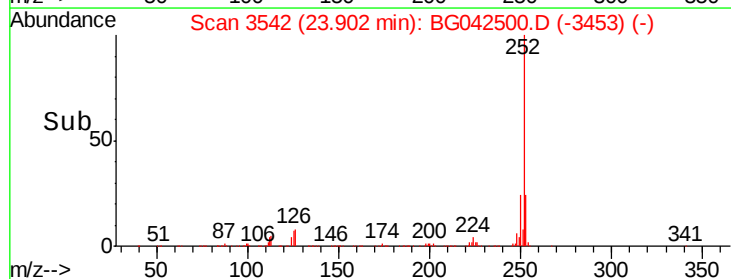
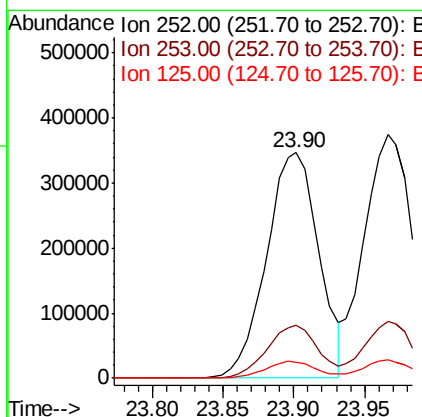
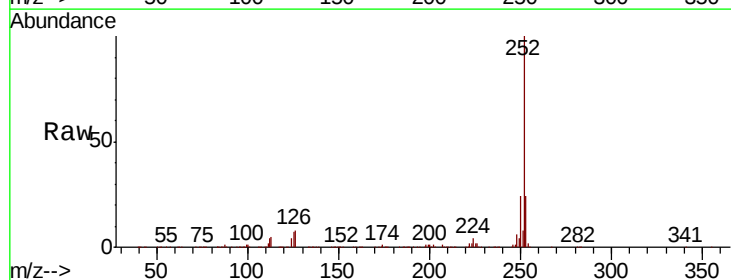
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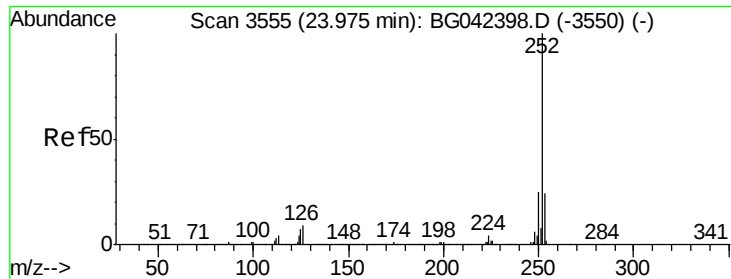
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#88
Benzo(b)fluoranthene
Concen: 45.687 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	7.1	5.6	8.4





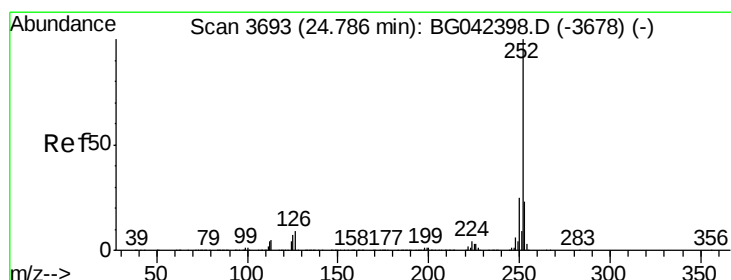
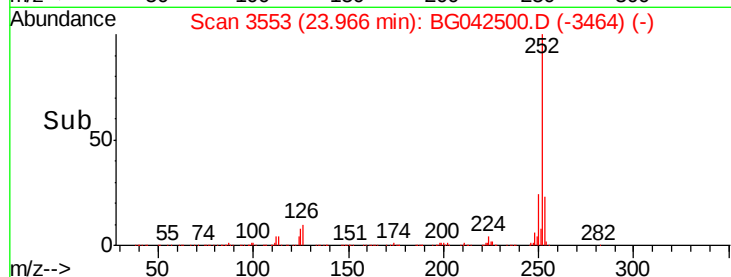
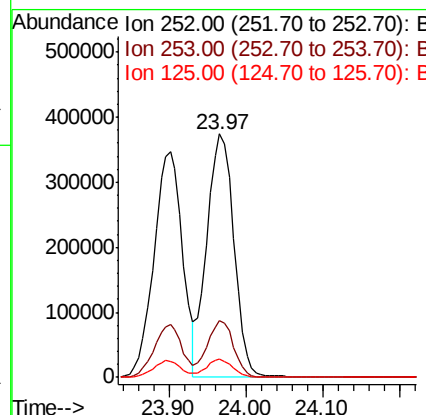
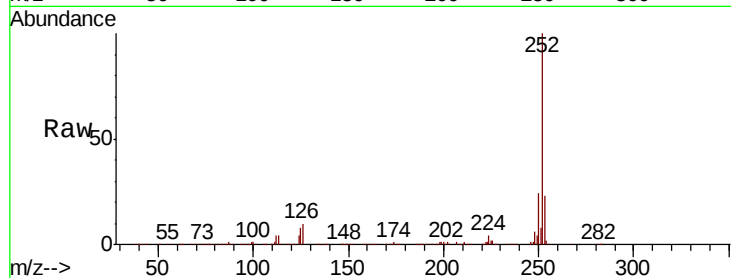
#89
Benzo(k)fluoranthene
Concen: 48.100 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	7.5	5.8	8.6

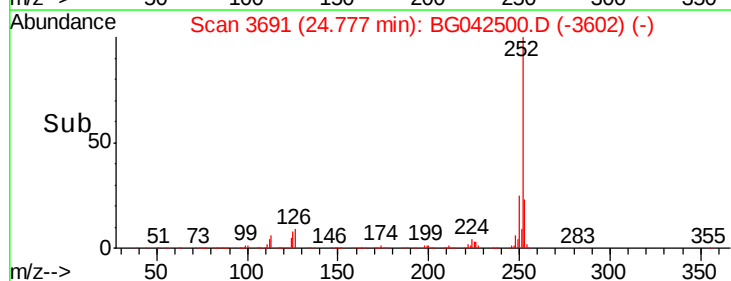
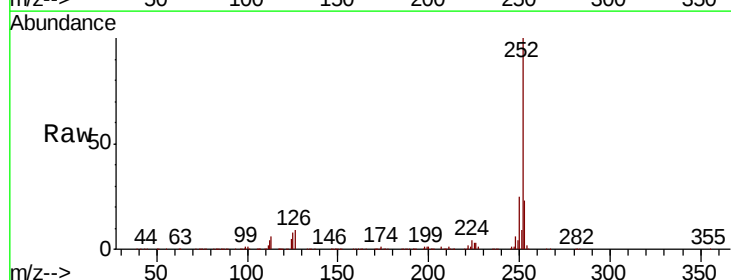
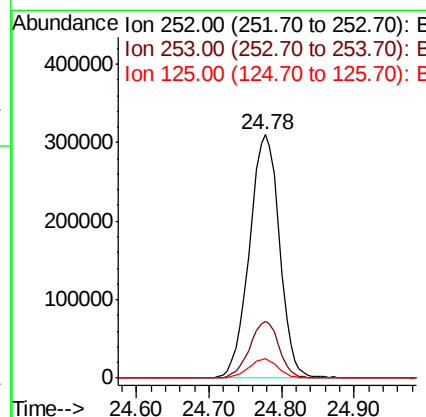
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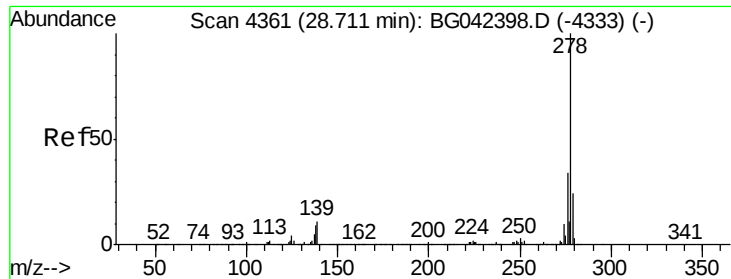
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#90
Benzo(a)pyrene
Concen: 48.141 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	7.8	6.0	9.0





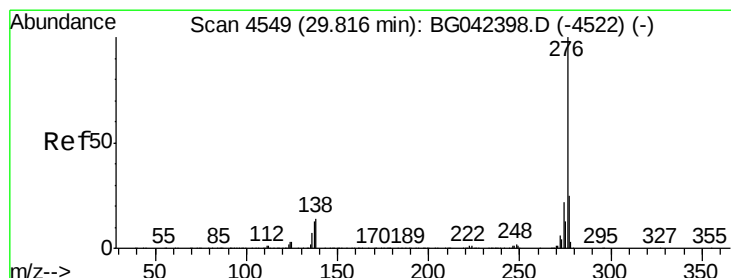
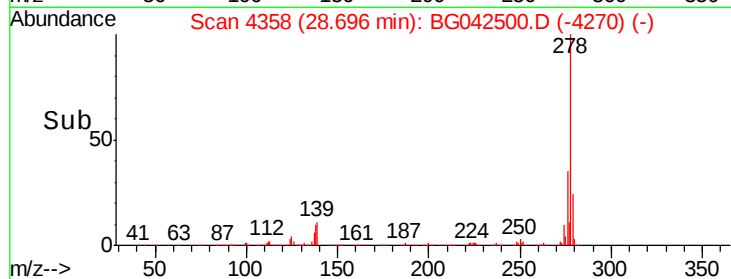
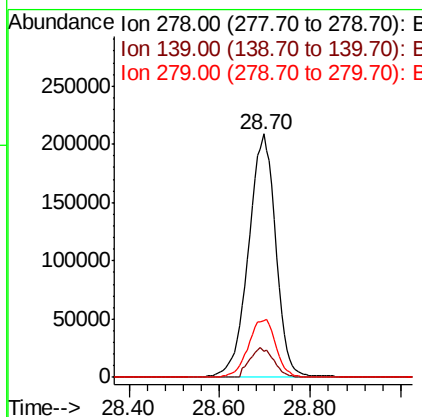
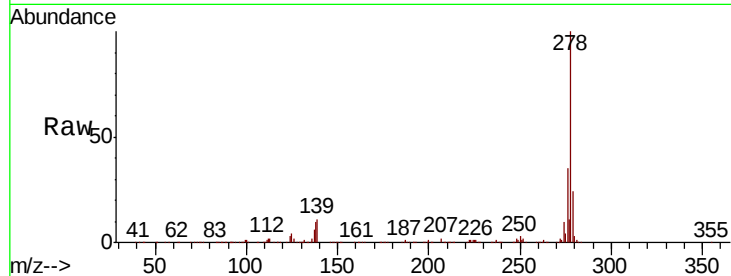
#91
Dibenzo(a,h)anthracene
Concen: 46.263 ng
RT: 28.70 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Instrument :
BNA_G
ClientSampleId :
PB122533BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.8	13.2
279	23.5	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 46.865 ng
RT: 29.79 min Scan# 4544
Delta R.T. -0.03 min
Lab File: BG042500.D
Acq: 26 Aug 2019 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	15.5	11.4	17.0

