

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040258.D
 Acq On : 30 Mar 2019 12:35
 Operator : JU/SJ
 Sample : K1697-14MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Manual Integrations
 APPROVED

Sohil
 4/1/2019 10:06:15 AM

Quant Time: Apr 01 02:33:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62569	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	273793	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	185747	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	470905	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	468199	20.00	ng	0.00
87) Perylene-d12	25.03	264	480885	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	471710	125.33	ng	0.00
7) Phenol-d6	7.21	99	641797	123.39	ng	-0.01
23) Nitrobenzene-d5	9.23	82	431273	83.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	296736	147.82	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	973847	77.69	ng	-0.01
79) Terphenyl-d14	20.04	244	1653560	79.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	60846	34.381	ng	# 30
3) Pyridine	3.92	79	148431	31.150	ng	99
4) n-Nitrosodimethylamine	3.83	42	80076	36.330	ng	98
6) Aniline	7.39	93	101652	15.042	ng	95
8) 2-Chlorophenol	7.62	128	184422	41.859	ng	94
9) Benzaldehyde	7.20	77	36018	10.095	ng	96
10) Phenol	7.24	94	218356	38.675	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	180830	39.989	ng	97
12) 1,3-Dichlorobenzene	7.94	146	183045	38.219	ng	97
13) 1,4-Dichlorobenzene	8.09	146	189208	39.665	ng	99
14) 1,2-Dichlorobenzene	8.41	146	183704	40.271	ng	99
15) Benzyl Alcohol	8.30	79	173278	41.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329838	38.006	ng	100
17) 2-Methylphenol	8.49	107	168338	43.088	ng	97
18) Hexachloroethane	9.13	117	68285	37.634	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	150145	40.260	ng	95
20) 3+4-Methylphenols	8.82	107	231817	43.801	ng	99
22) Acetophenone	8.89	105	290818	42.581	ng	# 96
24) Nitrobenzene	9.27	77	220955	41.424	ng	96
25) Isophorone	9.79	82	443847	41.878	ng	98
26) 2-Nitrophenol	9.99	139	102309	40.479	ng	96
27) 2,4-Dimethylphenol	10.03	122	199630	49.725	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	261210	41.658	ng	98
29) 2,4-Dichlorophenol	10.51	162	197949	45.425	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	195522	40.862	ng	97
31) Naphthalene	10.92	128	592124	42.192	ng	99
32) Benzoic acid	10.17	122	78563m	32.388	ng	
33) 4-Chloroaniline	11.04	127	21550	3.600	ng	99
34) Hexachlorobutadiene	11.18	225	117074	38.257	ng	93
35) Caprolactam	11.82	113	65041m	37.611	ng	
36) 4-Chloro-3-methylphenol	12.15	107	233351	46.580	ng	100
37) 2-Methylnaphthalene	12.52	142	451852	43.534	ng	99
38) 1-Methylnaphthalene	12.74	142	436106	43.330	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	229102	38.807	ng	99

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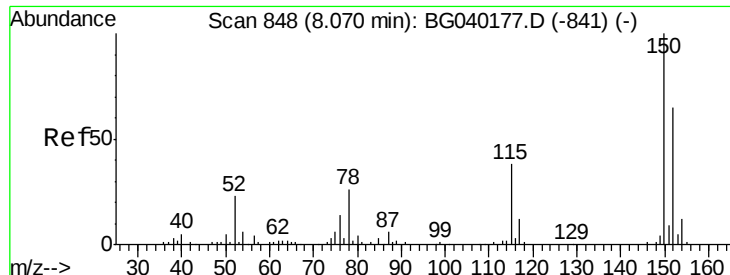
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	257335	79.386	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	168531	44.277	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	180978	43.622	ng	95
46) 1,1'-Biphenyl	13.52	154	587503	40.030	ng	99
47) 2-Chloronaphthalene	13.57	162	460262	40.884	ng	100
48) 2-Nitroaniline	13.78	65	159298	41.950	ng	97
49) Acenaphthylene	14.42	152	781165	40.926	ng	98
50) Dimethylphthalate	14.14	163	627767	43.183	ng	99
51) 2,6-Dinitrotoluene	14.27	165	141719	43.417	ng	95
52) Acenaphthene	14.75	154	467846	42.775	ng	98
53) 3-Nitroaniline	14.60	138	53707	15.544	ng	97
54) 2,4-Dinitrophenol	14.81	184	136357	78.549	ng	92
55) Dibenzofuran	15.09	168	750012	42.676	ng	98
56) 4-Nitrophenol	14.91	139	226676	81.286	ng	97
57) 2,4-Dinitrotoluene	15.06	165	206485	45.526	ng	99
58) Fluorene	15.73	166	602991	43.640	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.31	232	182573	48.495	ng	98
60) Diethylphthalate	15.49	149	659706	44.347	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	320958	43.456	ng	98
62) 4-Nitroaniline	15.77	138	155791	42.015	ng	99
63) Azobenzene	16.01	77	603037	42.976	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	110766	41.868	ng	98
66) n-Nitrosodiphenylamine	15.94	169	562894	40.849	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	219801	41.477	ng	100
68) Hexachlorobenzene	16.73	284	222045	41.673	ng	97
69) Atrazine	16.88	200	212555	41.466	ng	98
70) Pentachlorophenol	17.08	266	245769	79.783	ng	96
71) Phenanthrene	17.48	178	1032748	41.724	ng	99
72) Anthracene	17.57	178	1055309	42.597	ng	99
73) Carbazole	17.84	167	986666	42.082	ng	99
74) Di-n-butylphthalate	18.38	149	1154017	41.523	ng	100
75) Fluoranthene	19.49	202	1239659	42.296	ng	100
77) Benzidine	19.67	184	97379	5.760	ng	95
78) Pyrene	19.84	202	1250659	40.620	ng	98
80) Butylbenzylphthalate	20.71	149	537012	40.759	ng	99
81) Benzo(a)anthracene	21.69	228	1143088	39.638	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	200091	18.239	ng	99
83) Chrysene	21.77	228	1157397	41.760	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	757012	40.195	ng	99
85) Di-n-octyl phthalate	22.79	149	1295597	40.377	ng	99
86) Indeno(1,2,3-cd)pyrene	28.83	276	1440662	42.500	ng	# 87
88) Benzo(b)fluoranthene	23.96	252	1227396	41.689	ng	98
89) Benzo(k)fluoranthene	24.04	252	1213307	44.813	ng	98
90) Benzo(a)pyrene	24.87	252	1216535	44.039	ng	99
91) Dibenzo(a,h)anthracene	28.92	278	1173136	45.726	ng	98
92) Benzo(g,h,i)perylene	30.12	276	1201550	45.571	ng	100

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



#1

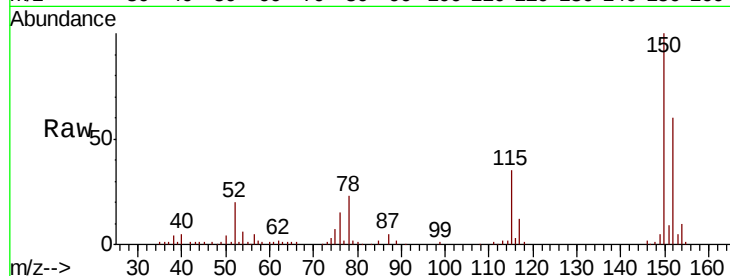
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040258.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.7	123.7	185.5
115	58.7	46.9	70.3

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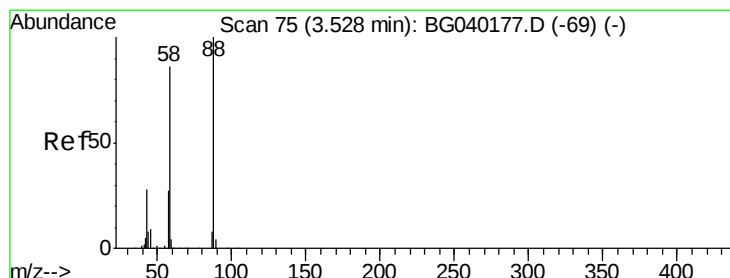
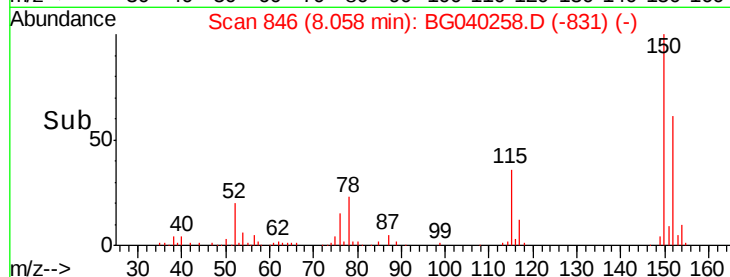
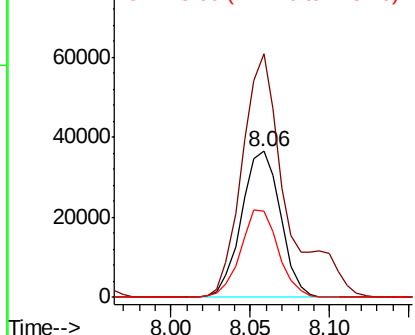


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

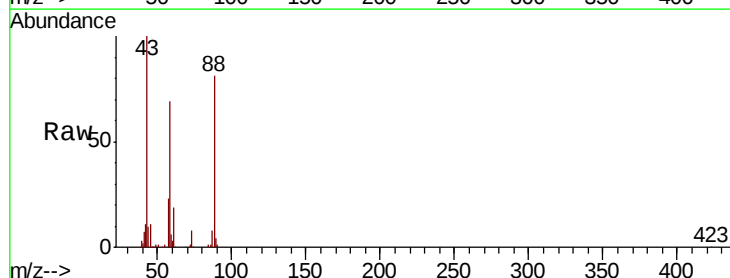
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.381 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	70.6	106.0
43	173.8	24.8	37.2

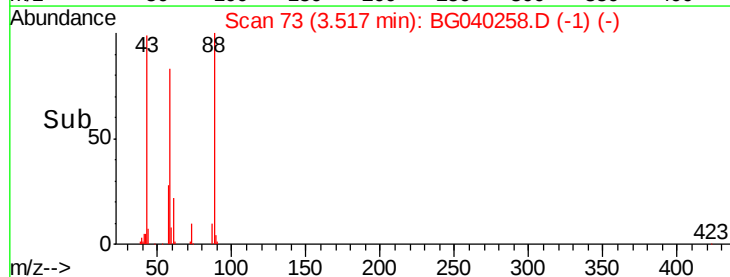
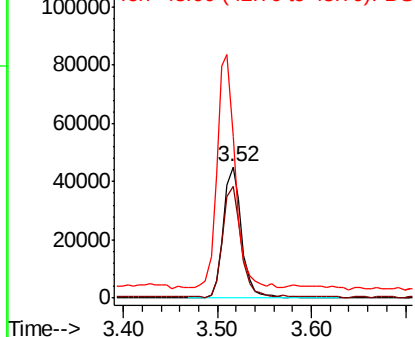


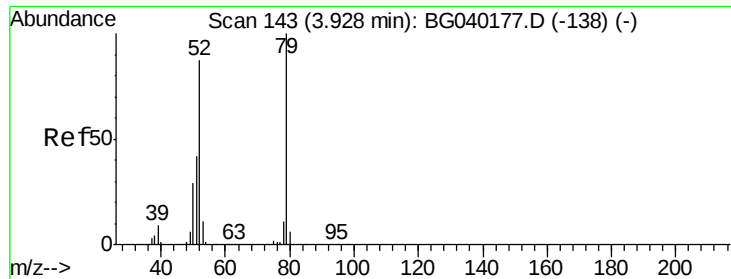
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.150 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

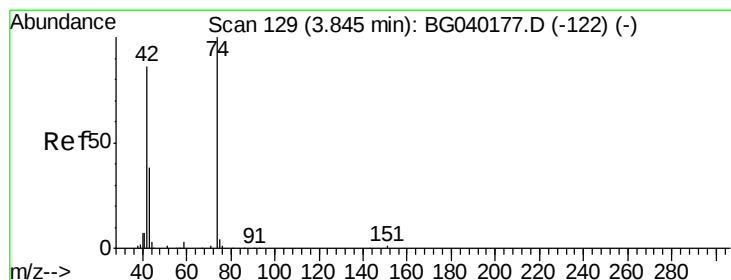
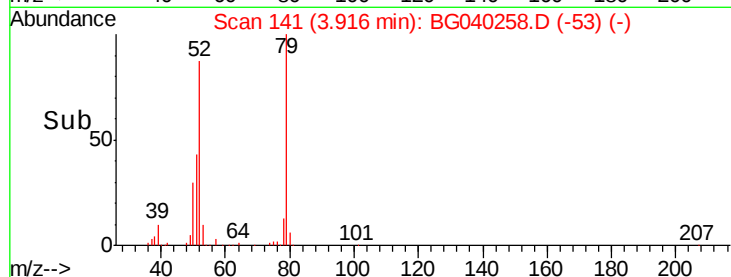
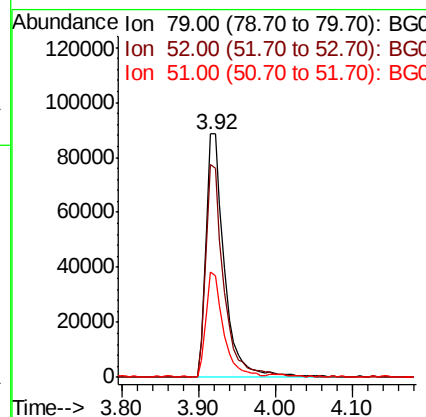
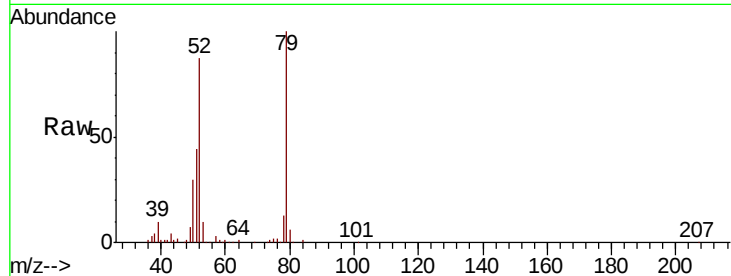
ClientSampleId :

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Tgt Ion:	79	Resp:	148431
Ion	Ratio	Lower	Upper
79	100		
52	87.5	69.8	104.8
51	43.5	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 36.330 ng

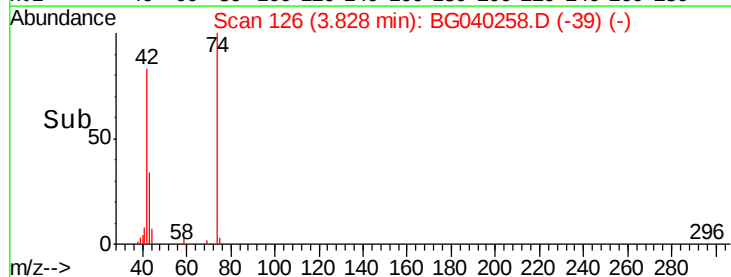
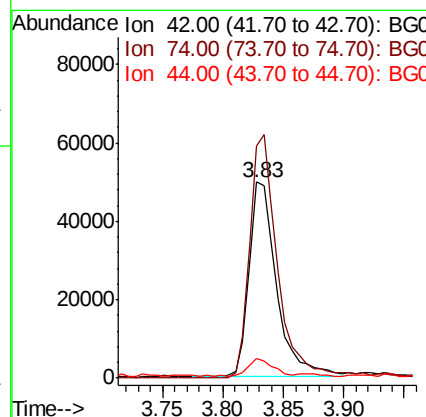
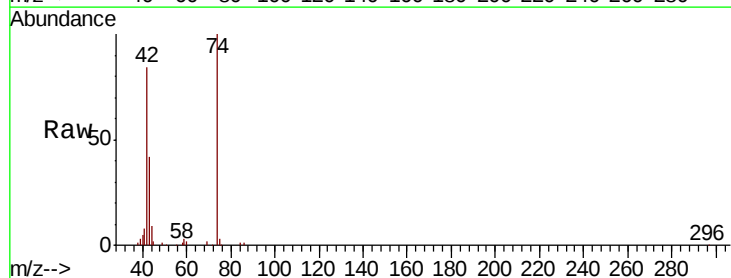
RT: 3.83 min Scan# 126

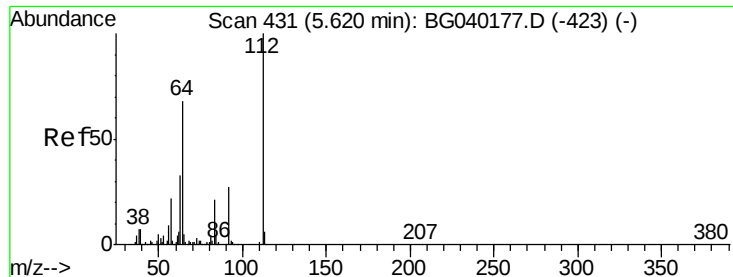
Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	42	Resp:	80076
Ion	Ratio	Lower	Upper
42	100		
74	118.5	92.9	139.3
44	10.3	9.7	14.5





#5

2-Fluorophenol

Concen: 125.330 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

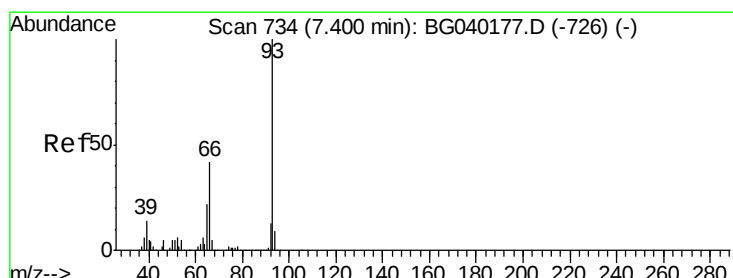
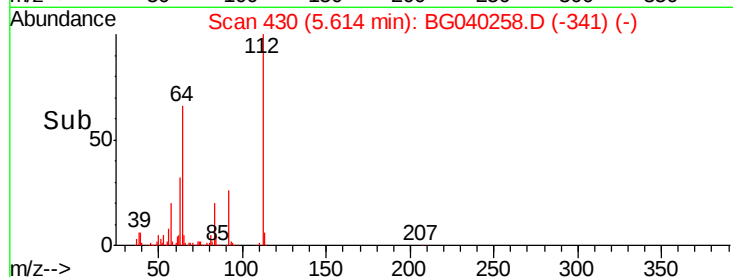
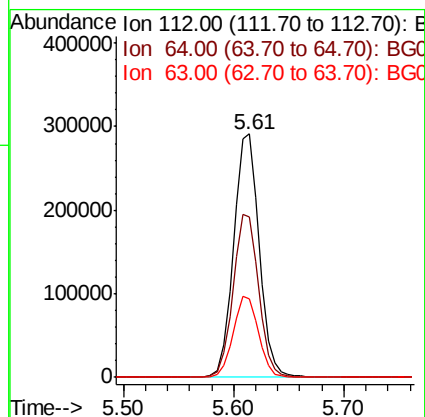
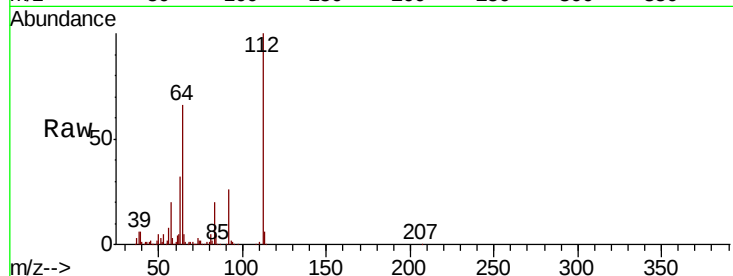
ClientSampleId :

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Tgt Ion:	112	Resp:	471710
Ion Ratio	Lower	Upper	
112	100		
64	65.9	54.2	81.2
63	32.2	26.4	39.6

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#6

Aniline

Concen: 15.042 ng

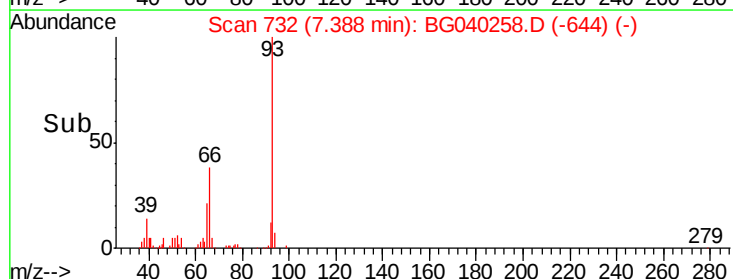
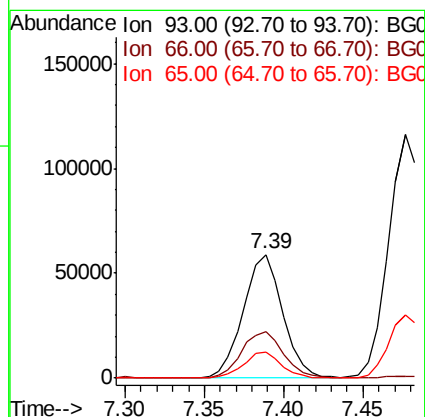
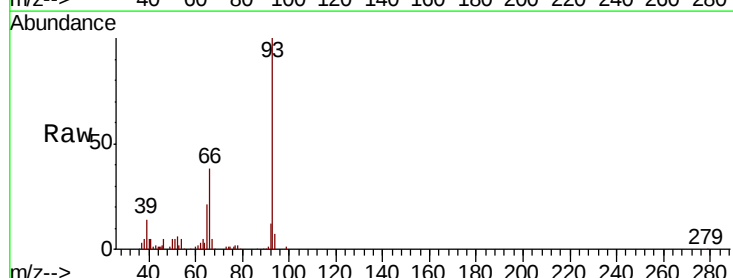
RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	93	Resp:	101652
Ion Ratio	Lower	Upper	
93	100		
66	38.0	33.6	50.4
65	20.6	17.4	26.2





#7

Phenol-d6

Concen: 123.385 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

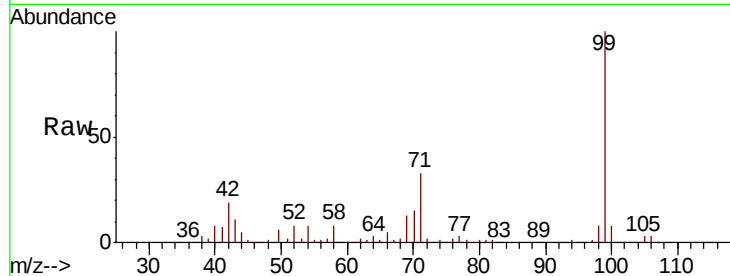
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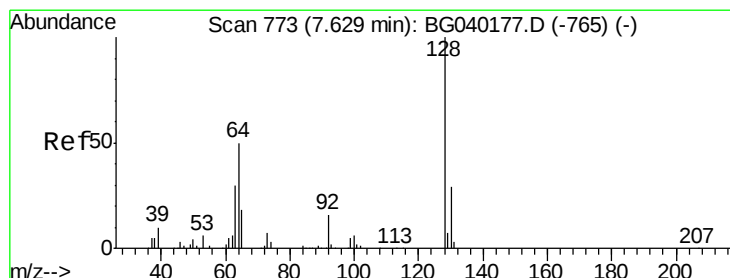
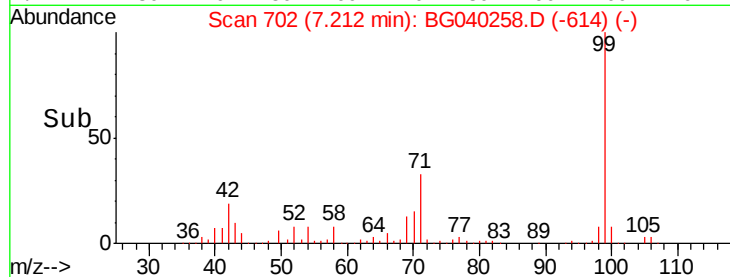
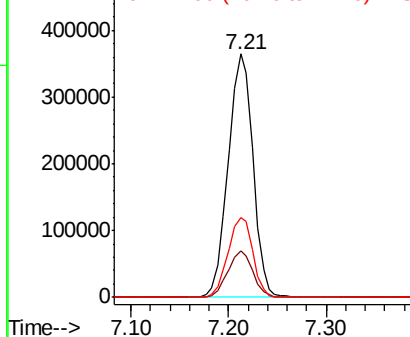
Tgt Ion:	99	Resp:	641797
Ion Ratio	Lower	Upper	
99	100		
42	18.9	16.2	24.2
71	33.0	26.8	40.2

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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: 41.859 ng

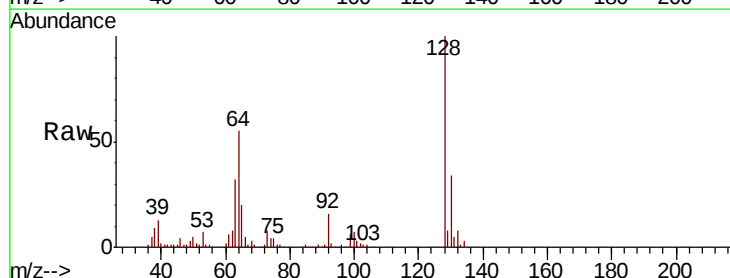
RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

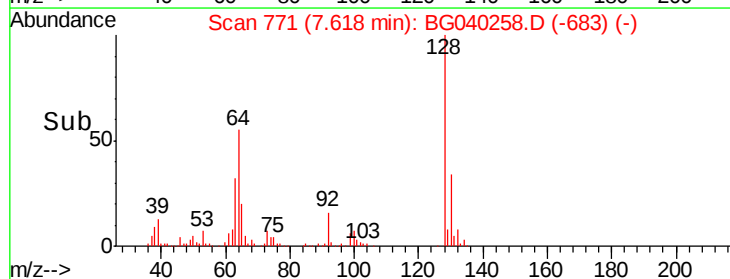
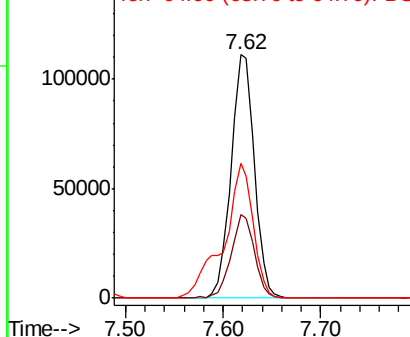
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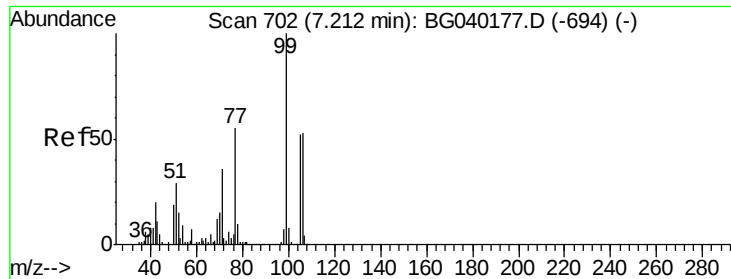
Acq: 30 Mar 2019 12:35

Tgt Ion:	128	Resp:	184422
Ion Ratio	Lower	Upper	
128	100		
130	34.4	9.1	49.1
64	55.3	33.1	73.1



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: 10.095 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

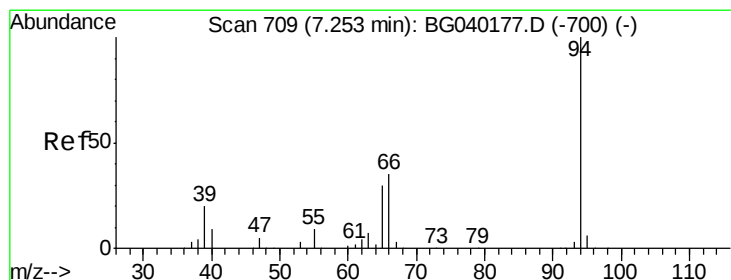
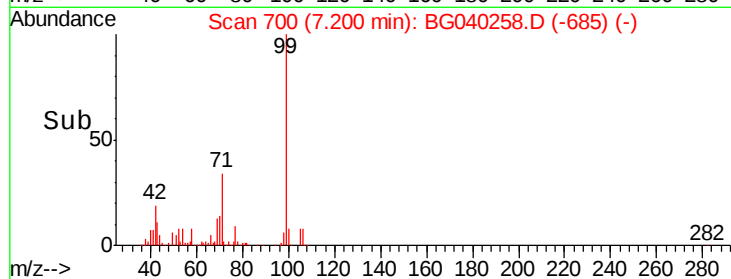
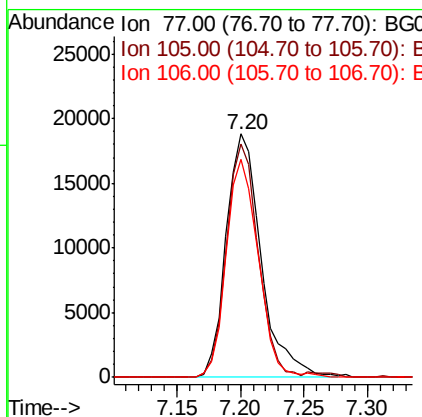
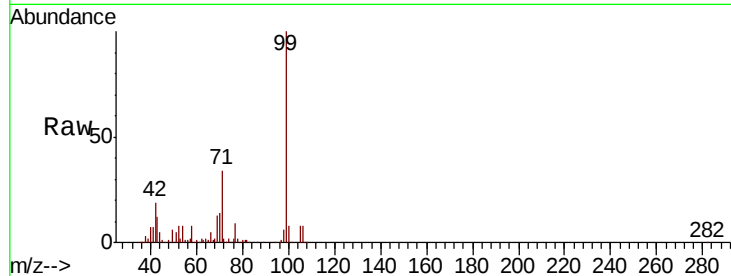
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	95.7	75.0	115.0
106	89.4	75.7	115.7

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#10

Phenol

Concen: 38.675 ng

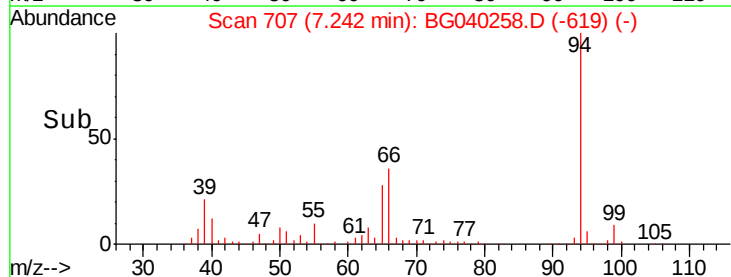
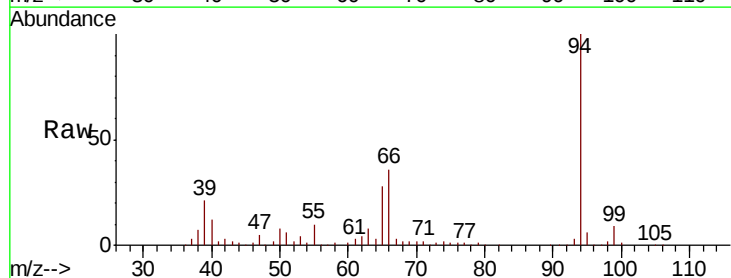
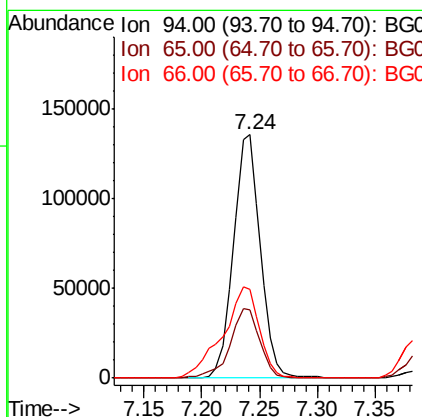
RT: 7.24 min Scan# 707

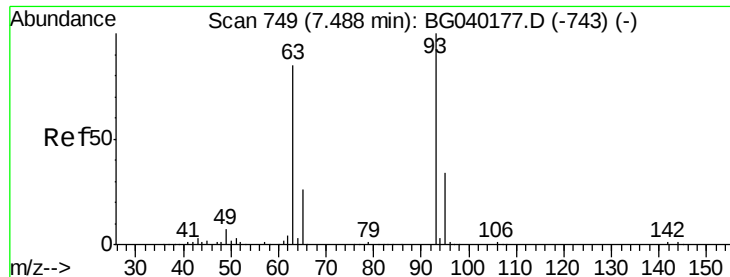
Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.0	10.5	50.5
66	36.4	16.9	56.9





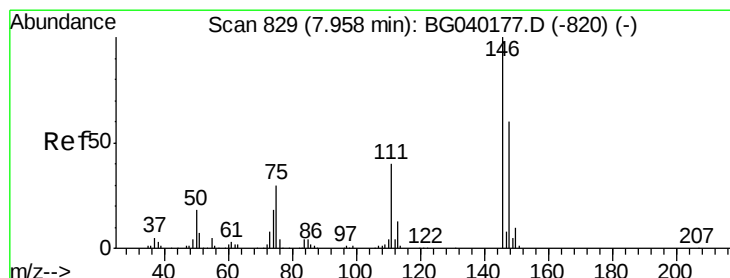
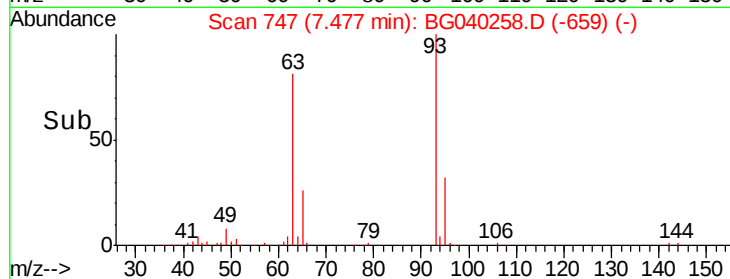
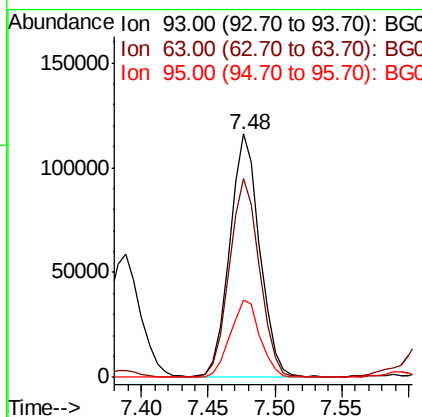
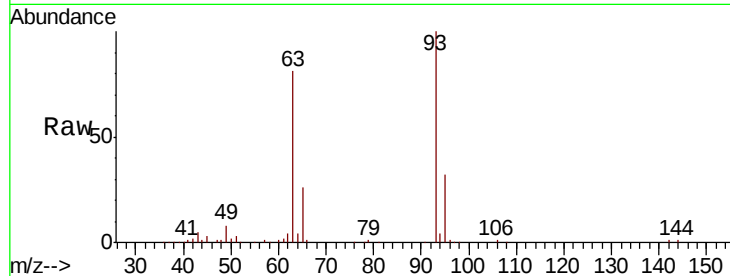
#11
bis(2-Chloroethyl)ether
Concen: 39.989 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	180830		
63	81.4	64.2	104.2	
95	31.8	14.0	54.0	

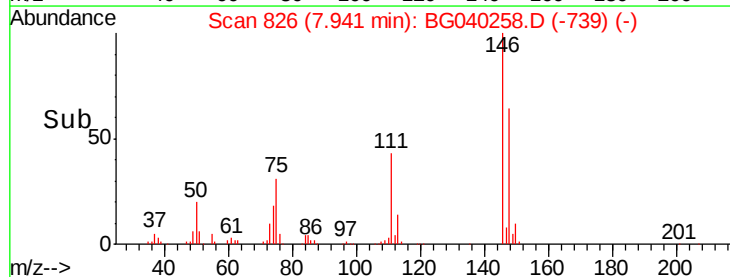
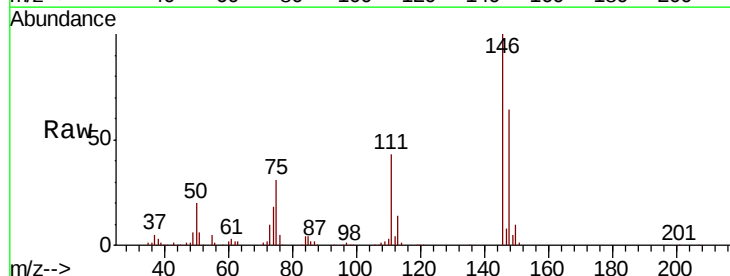
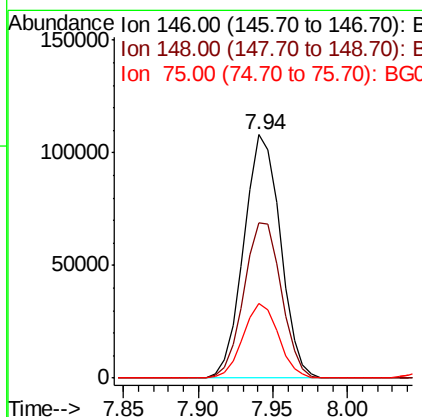
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 38.219 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183045		
148	63.7	48.2	72.2	
75	30.7	24.1	36.1	





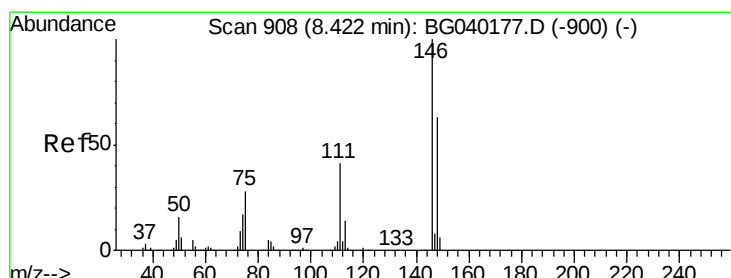
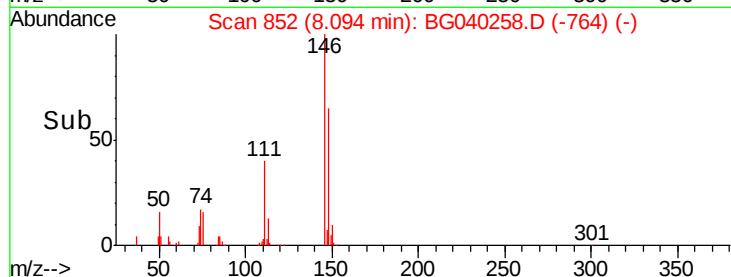
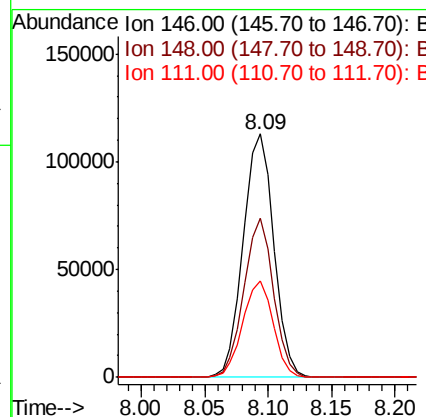
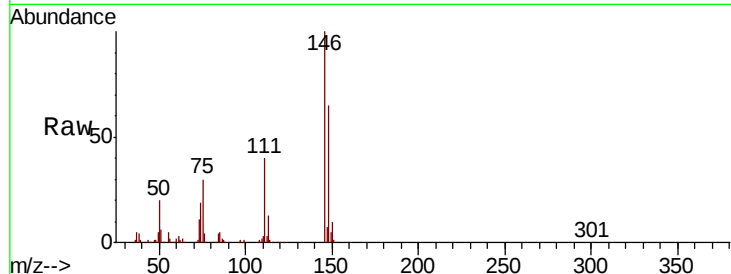
#13
 1,4-Dichlorobenzene
 Concen: 39.665 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
111	39.8	31.8	47.6

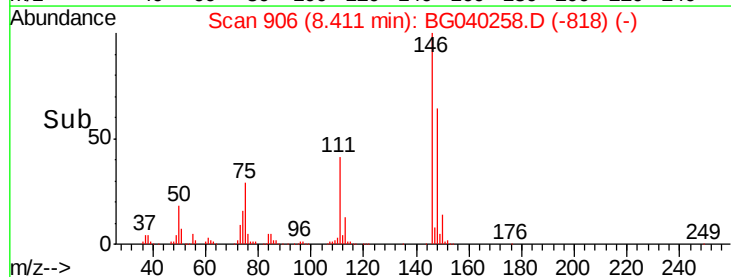
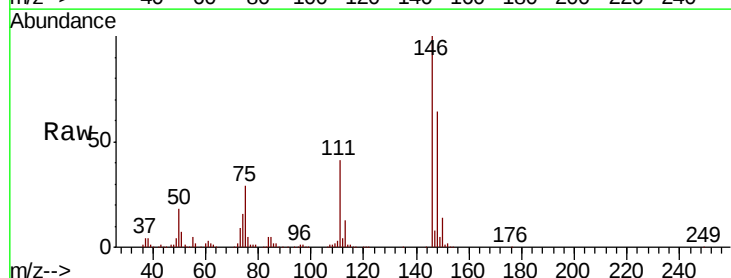
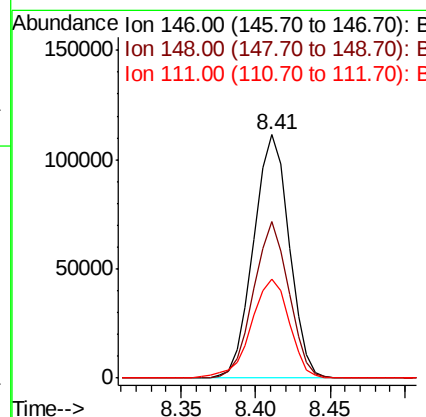
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 40.271 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.7	33.4	50.0





#15

Benzyl Alcohol

Concen: 41.364 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

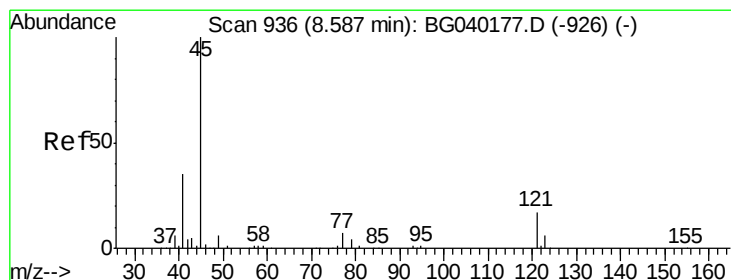
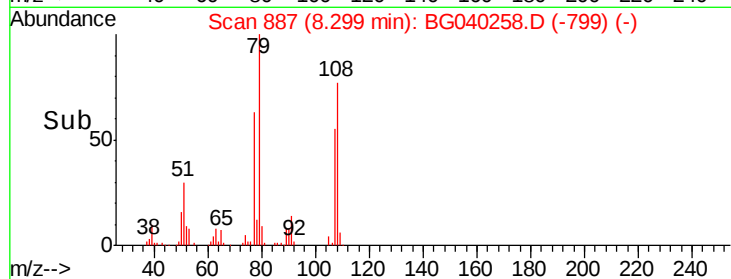
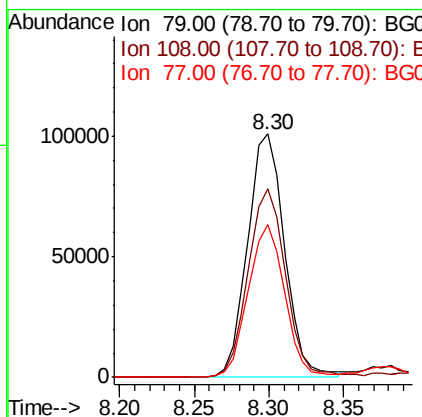
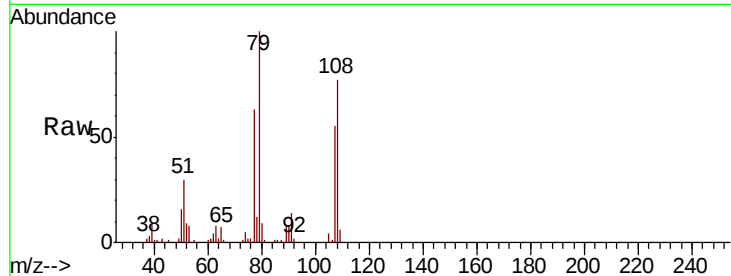
ClientSampleId :

SU-02-032719-AMS

Tgt Ion:	79	Resp:	173278
Ion Ratio	Lower	Upper	
79	100		
108	77.5	62.1	93.1
77	62.9	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.006 ng

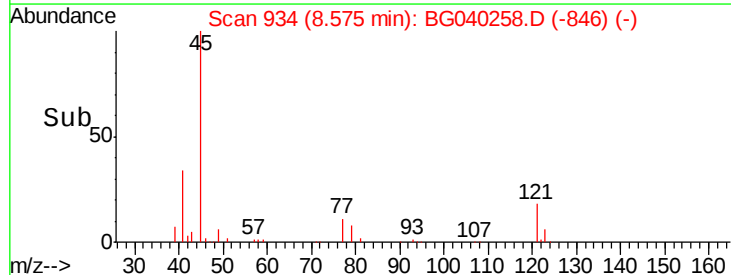
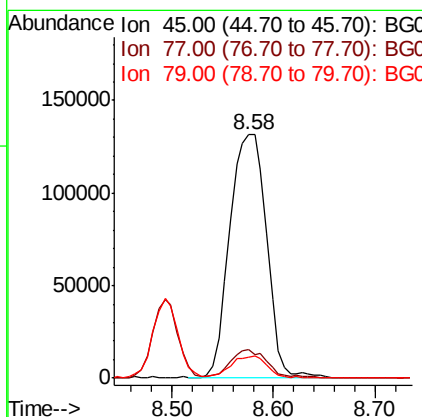
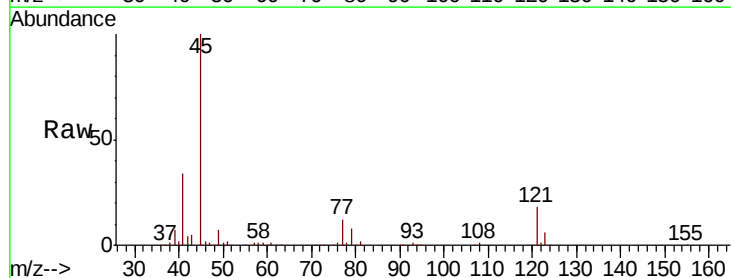
RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	45	Resp:	329838
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	31.4
79	8.4	0.0	28.3





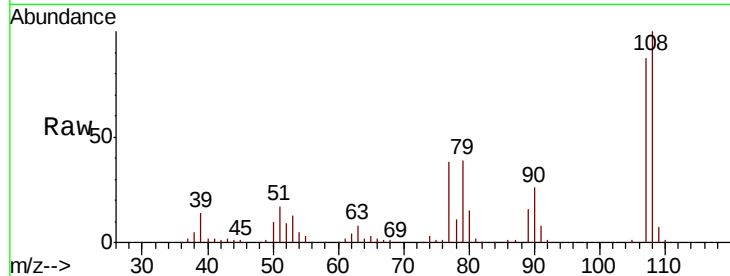
#17
2-Methylphenol
Concen: 43.088 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	168338		
108	114.5	88.2	132.4	
77	43.6	36.6	55.0	
79	44.6	36.5	54.7	

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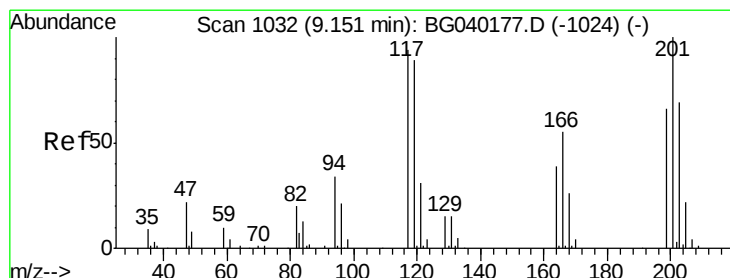
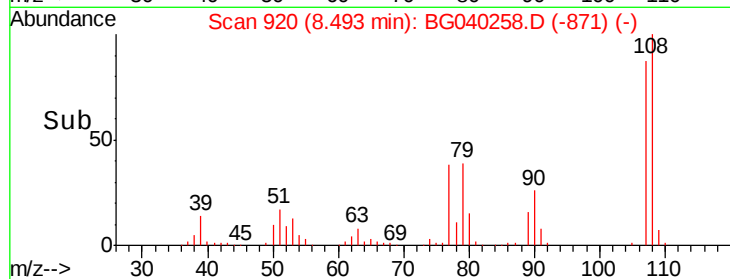
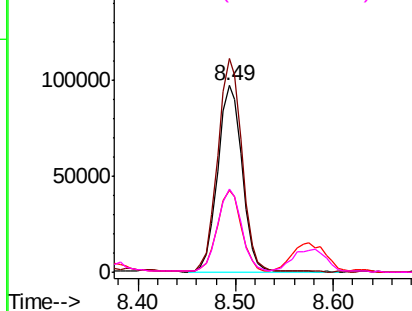
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

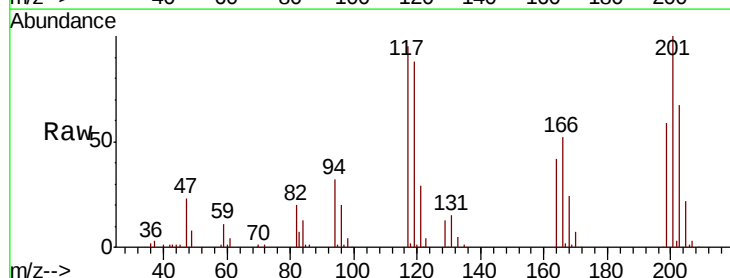
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.634 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68285		
119	92.7	76.6	115.0	
201	104.9	85.0	127.4	

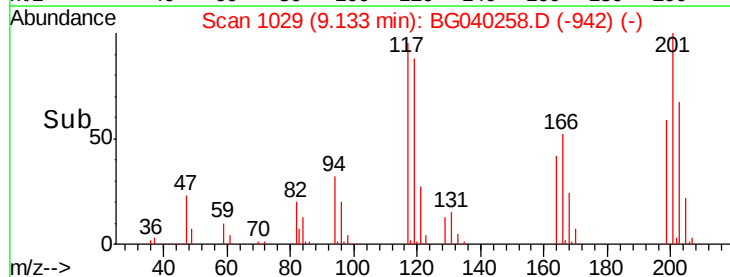
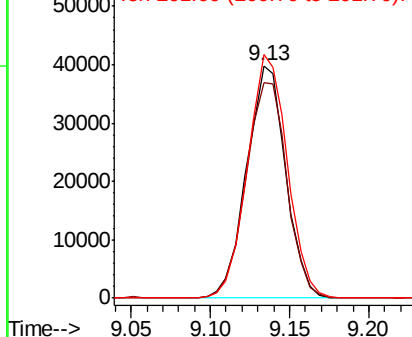


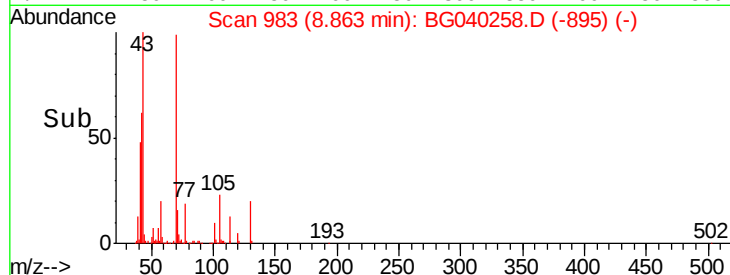
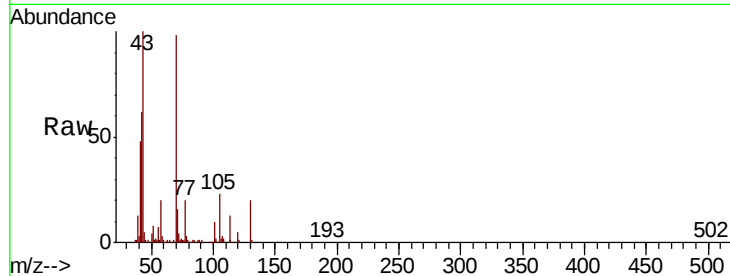
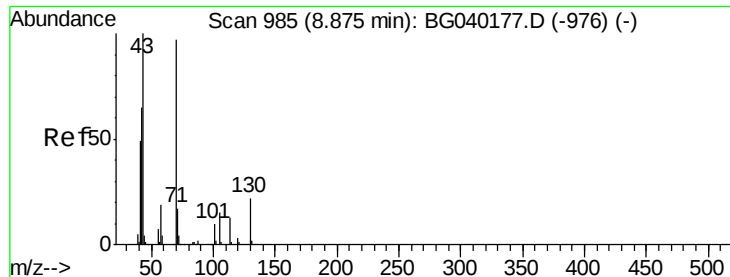
Abundance

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





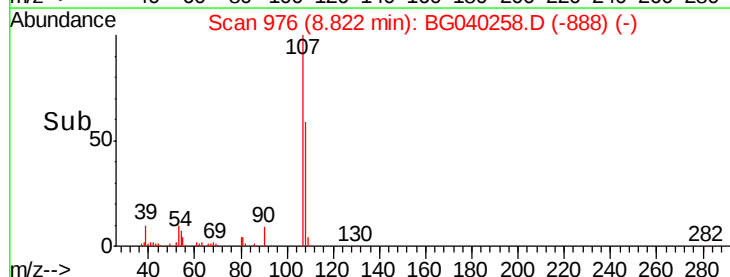
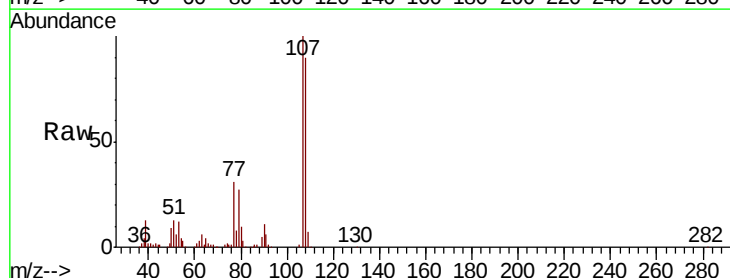
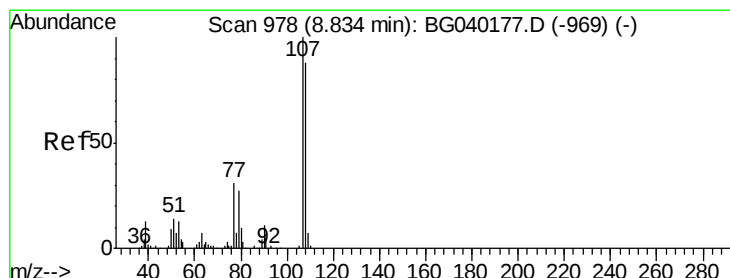
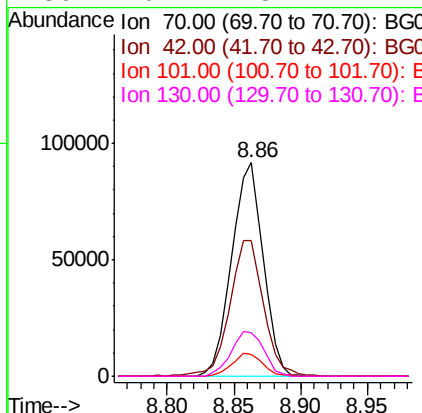
#19
n-Nitroso-di-n-propylamine
Concen: 40.260 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	150145		
42	63.2	54.0	81.0	
101	10.3	8.6	13.0	
130	20.4	18.2	27.2	

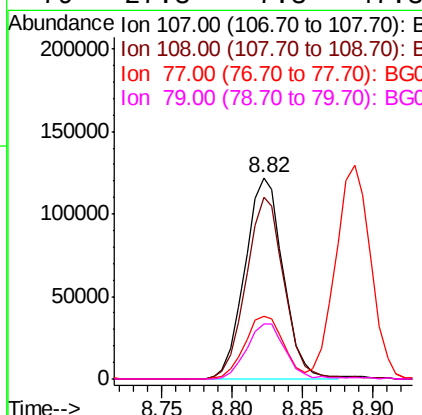
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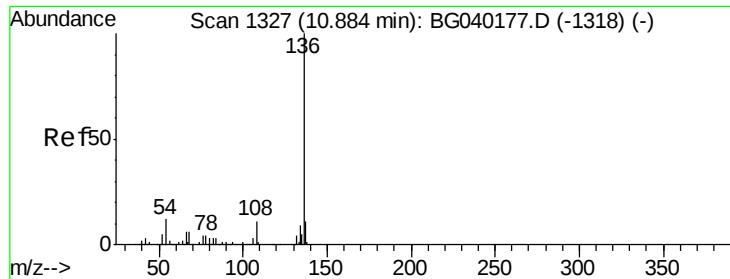
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#20
3+4-Methylphenols
Concen: 43.801 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	231817		
108	90.2	68.3	108.3	
77	31.2	11.3	51.3	
79	27.3	7.3	47.3	





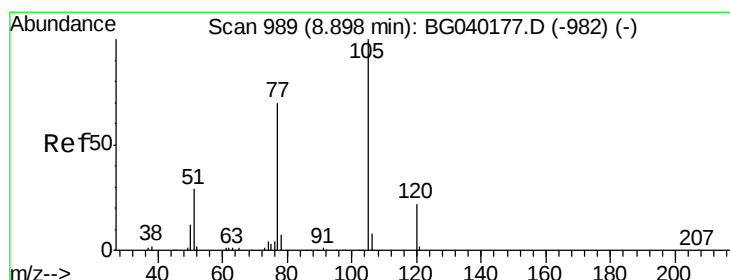
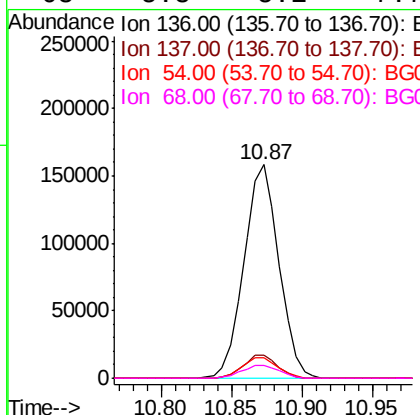
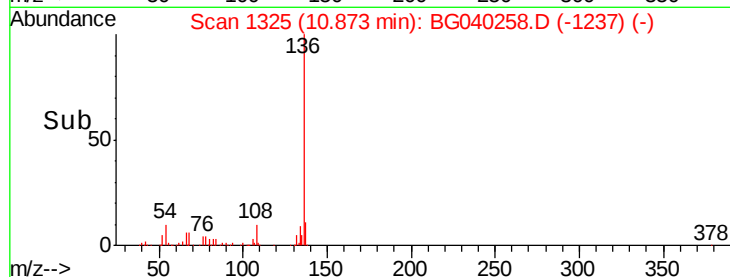
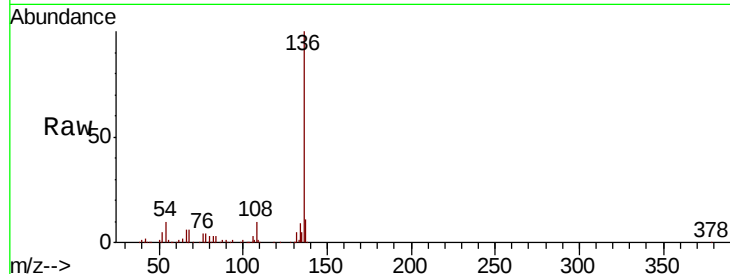
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	273793		
137	10.7	8.9	13.3	
54	9.6	9.6	14.4	
68	5.8	5.1	7.7	

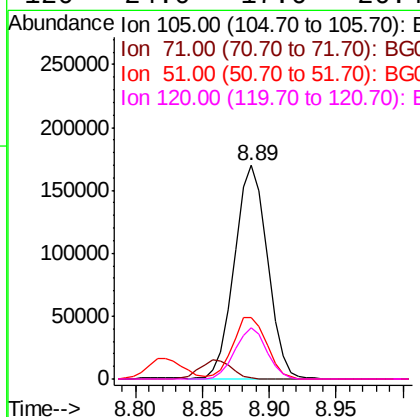
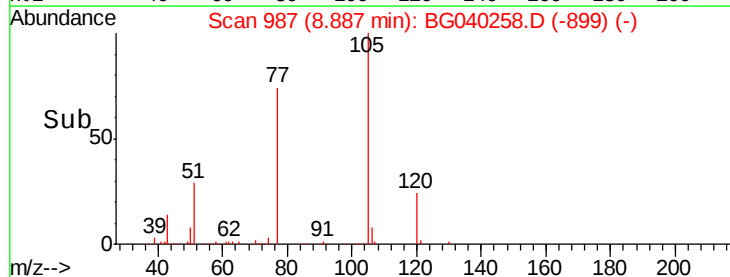
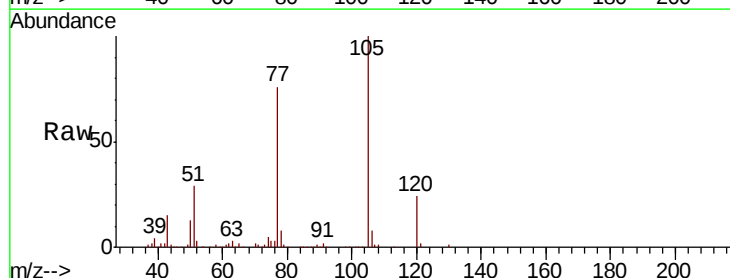
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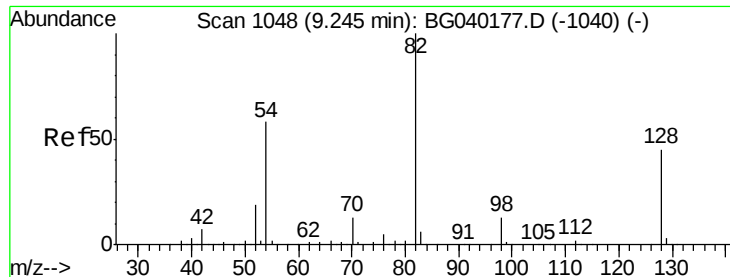
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#22
Acetophenone
Concen: 42.581 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	290818		
71	0.6	0.6	1.0	
51	29.0	25.1	37.7	
120	24.0	17.6	26.4	





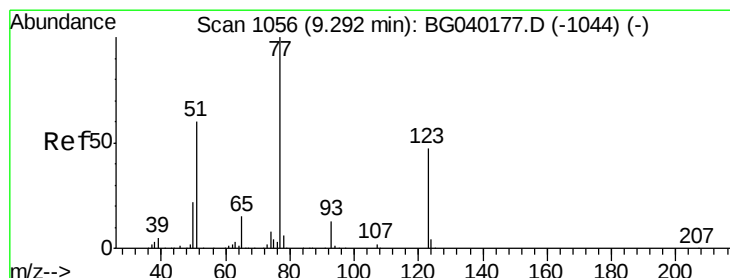
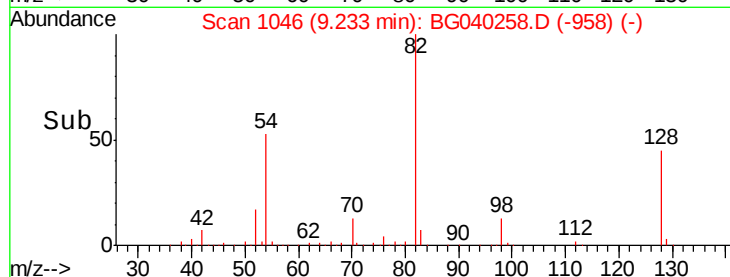
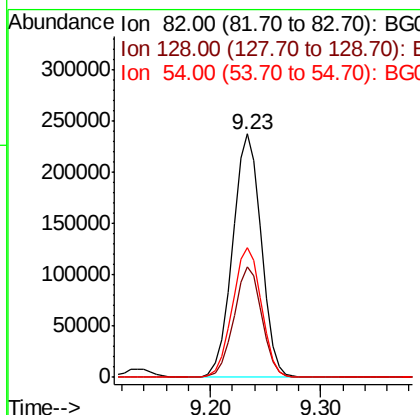
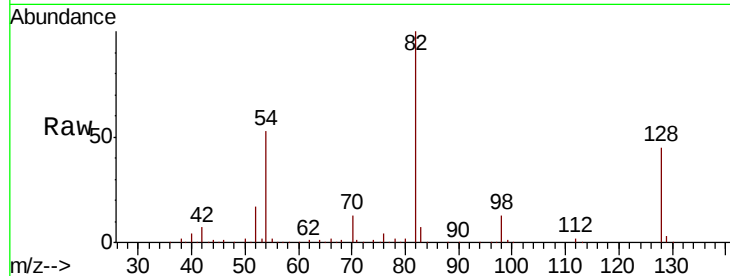
#23
 Nitrobenzene-d5
 Concen: 83.726 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.8
54	53.4	46.2	69.2

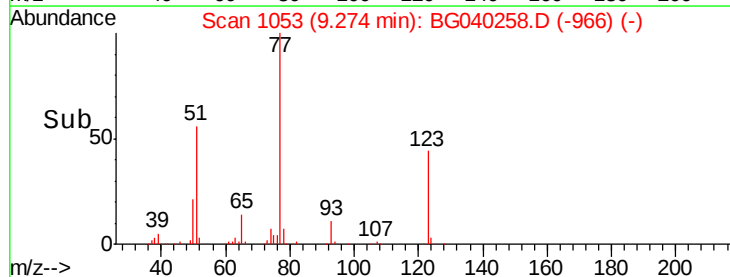
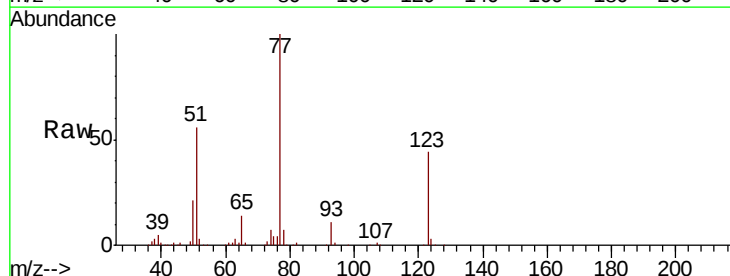
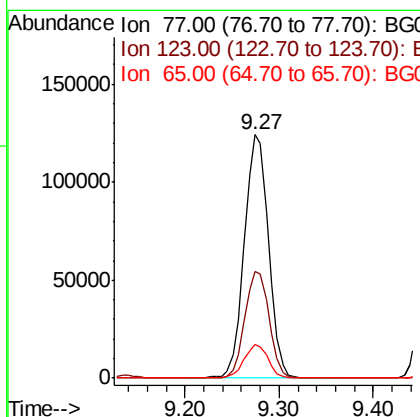
Manual Integrations
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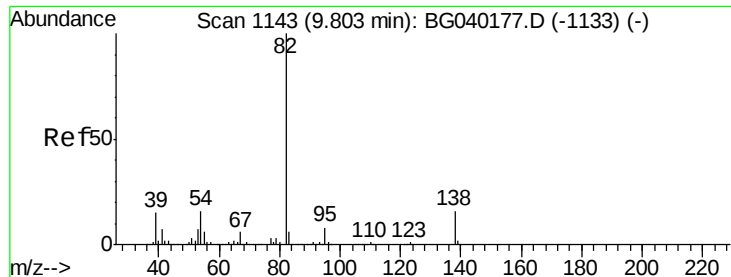
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#24
 Nitrobenzene
 Concen: 41.424 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	37.8	56.6
65	13.9	12.0	18.0





#25

Isophorone

Concen: 41.878 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

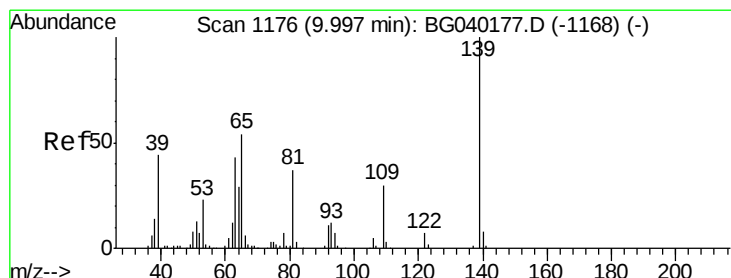
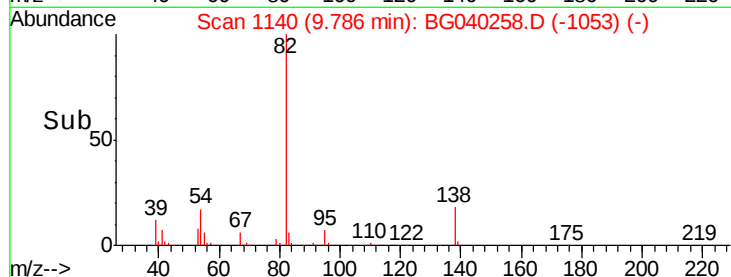
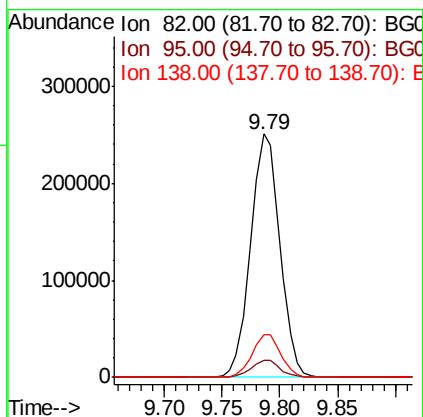
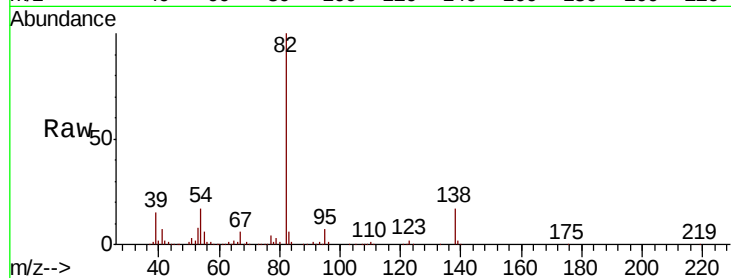
ClientSampleId :

SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	443847		
95	7.2	6.1	9.1	
138	17.5	13.2	19.8	

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#26

2-Nitrophenol

Concen: 40.479 ng

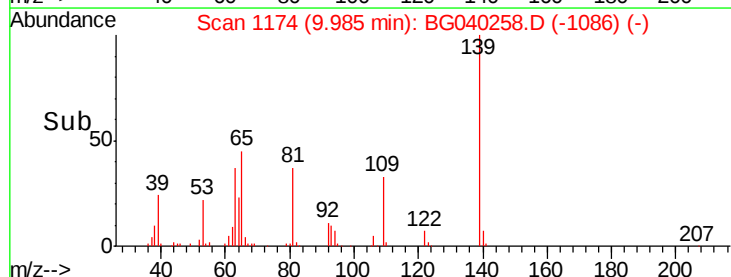
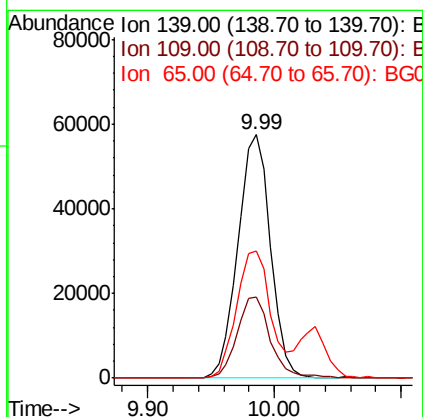
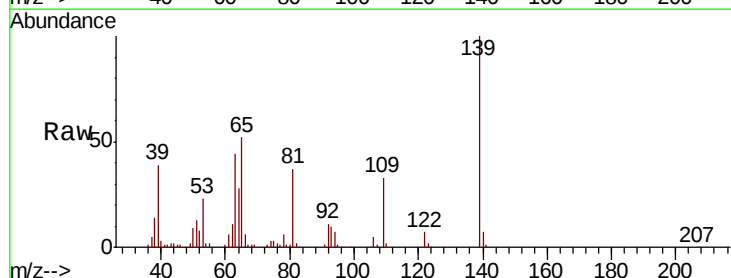
RT: 9.99 min Scan# 1174

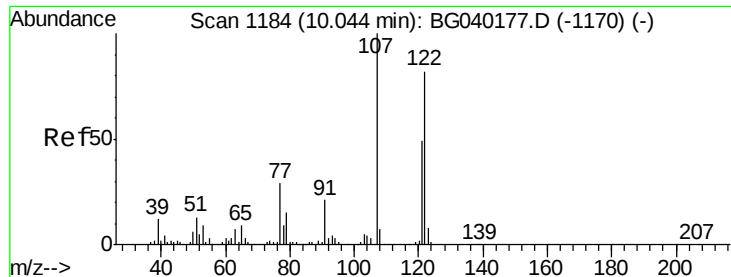
Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102309		
109	33.1	24.1	36.1	
65	52.0	43.0	64.6	





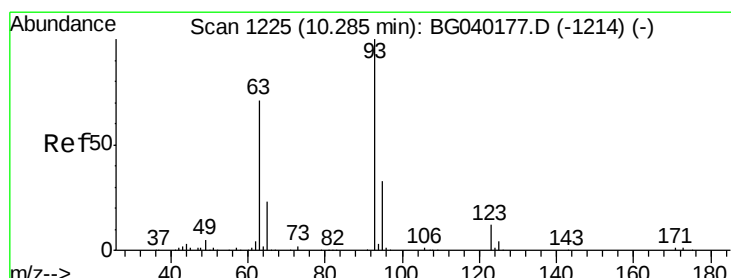
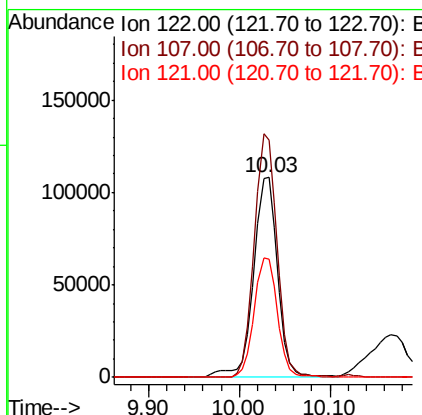
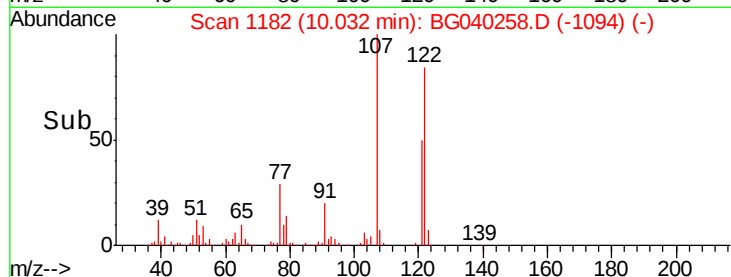
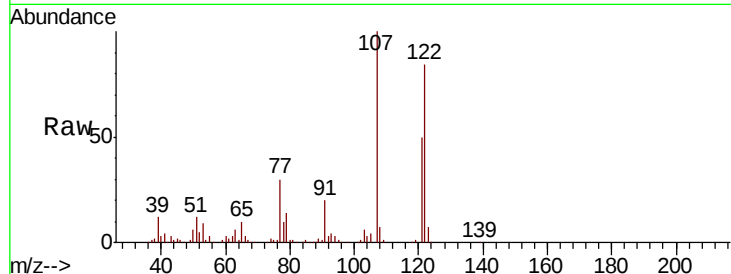
#27
2,4-Dimethylphenol
Concen: 49.725 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	199630		
107	118.7	97.4	146.2	
121	59.3	47.7	71.5	

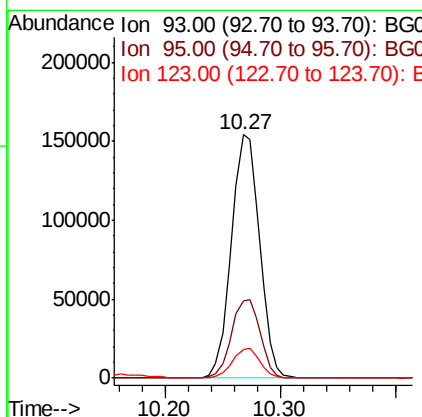
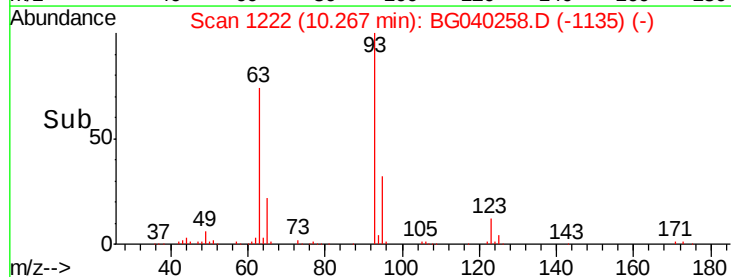
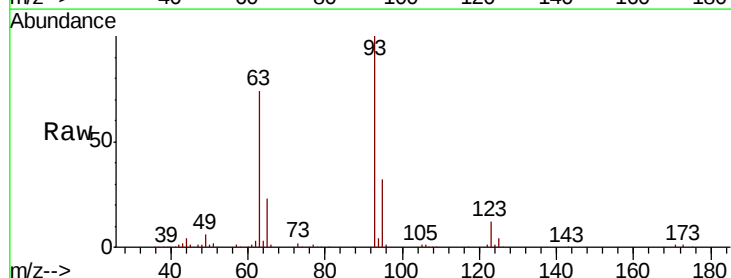
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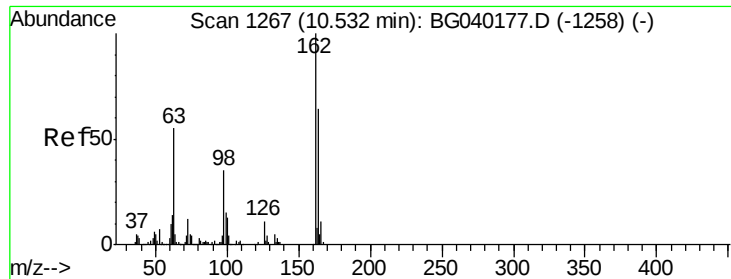
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#28
bis(2-Chloroethoxy)methane
Concen: 41.658 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	261210		
95	31.7	26.2	39.4	
123	11.9	9.4	14.0	





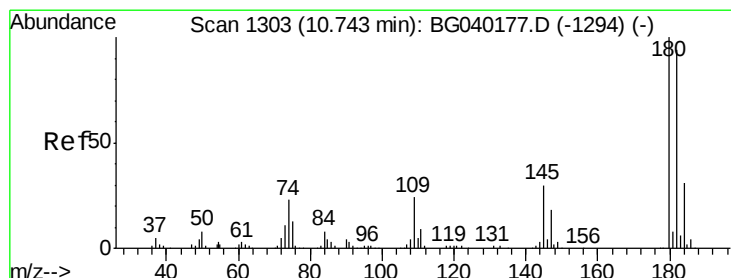
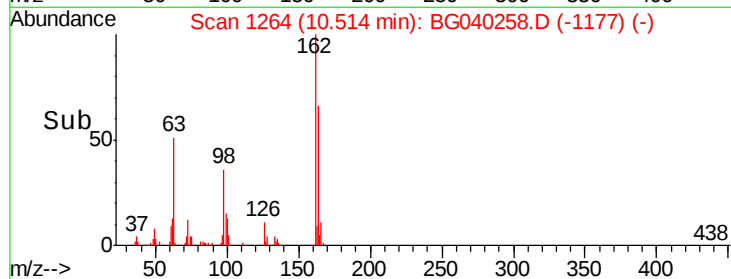
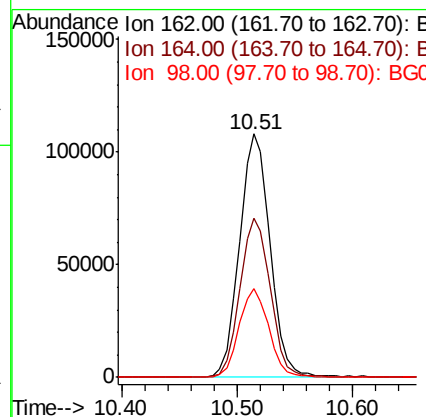
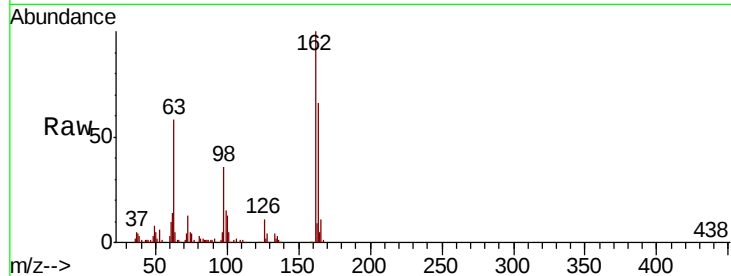
#29
2,4-Dichlorophenol
Concen: 45.425 ng
RT: 10.51 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	197949		
164	65.5	43.9	83.9	
98	36.4	15.6	55.6	

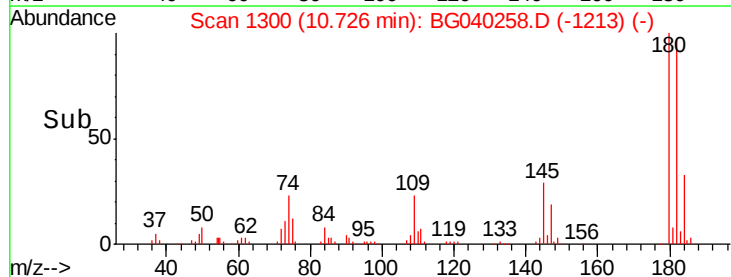
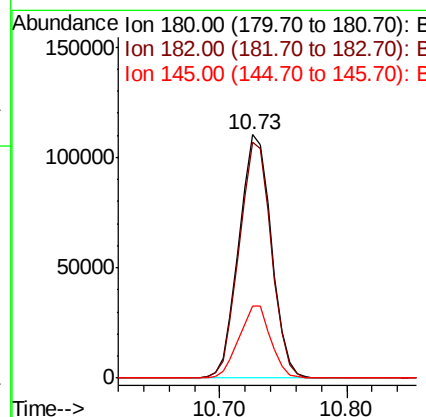
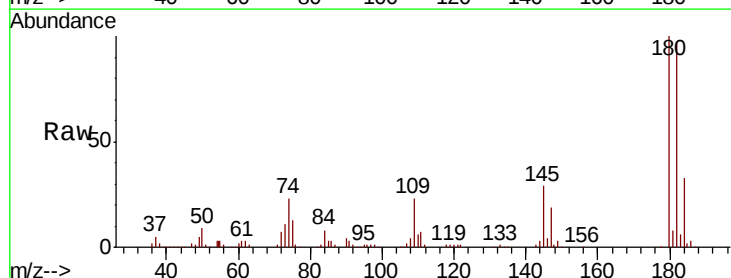
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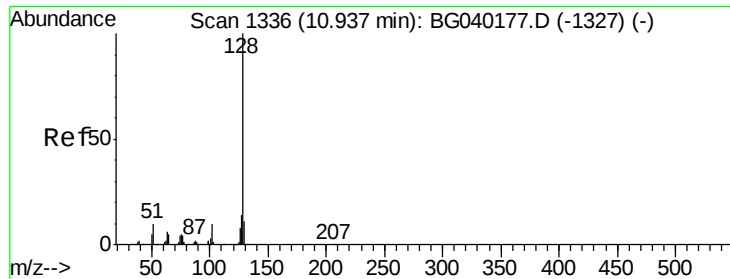
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#30
1,2,4-Trichlorobenzene
Concen: 40.862 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	195522		
182	96.7	75.1	112.7	
145	29.4	24.1	36.1	





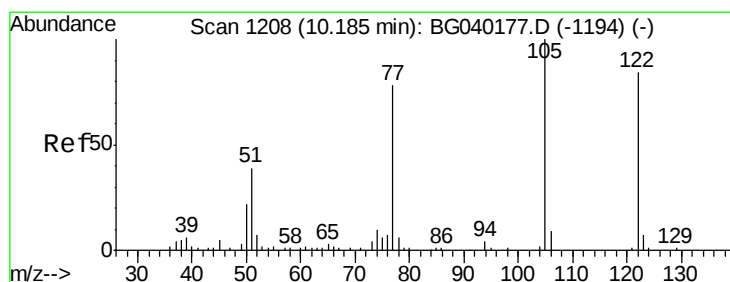
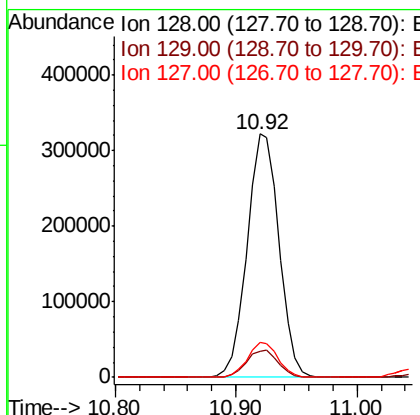
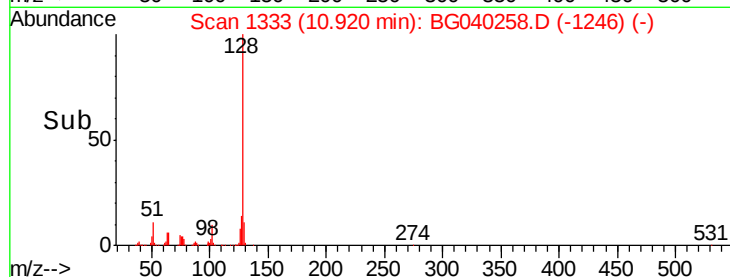
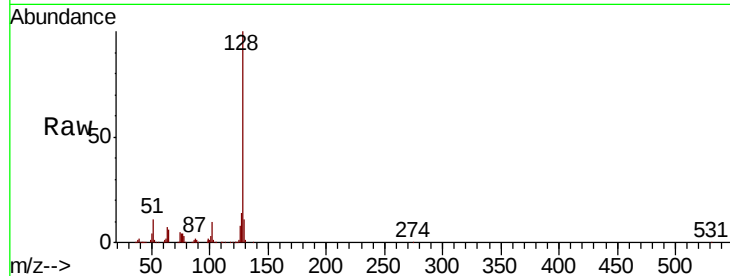
#31
Naphthalene
Concen: 42.192 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	592124		
129	10.8	8.9	13.3	
127	14.3	11.4	17.0	

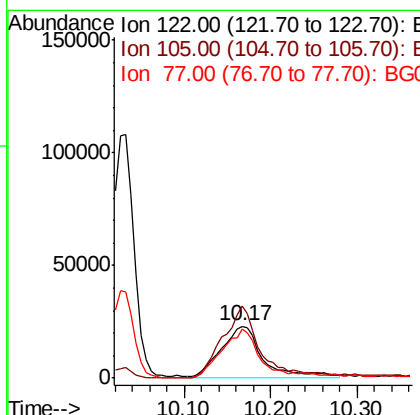
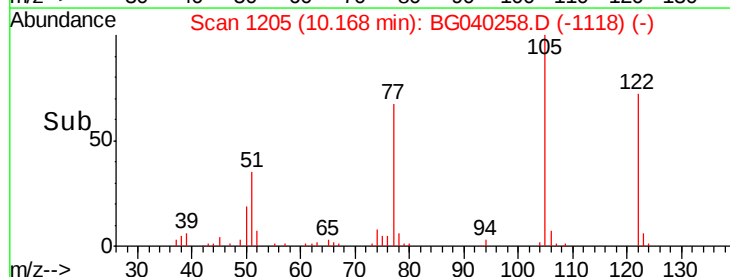
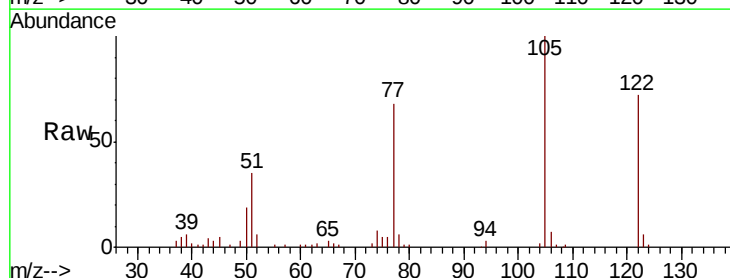
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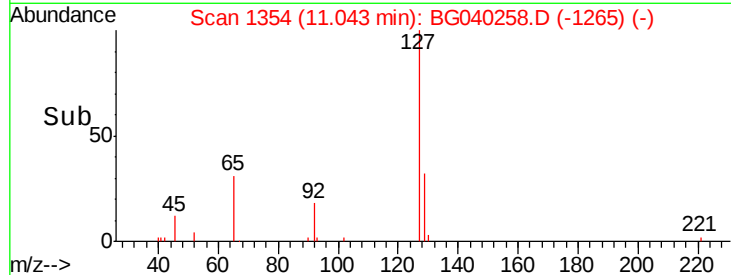
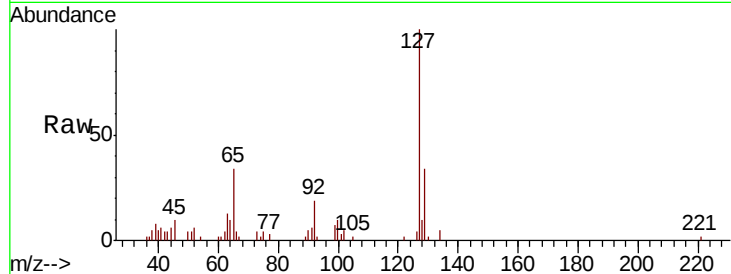
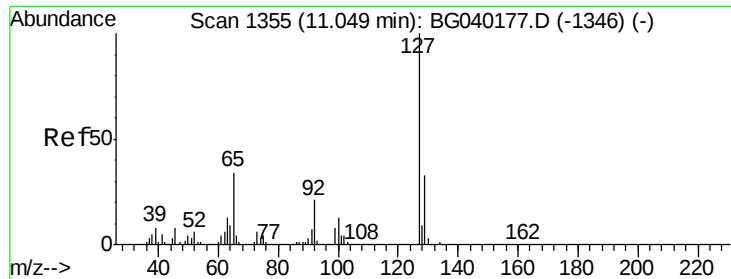
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#32
Benzoic acid
Concen: 32.388 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	78563		
105	138.8	98.2	138.2#	
77	94.0	73.6	113.6	





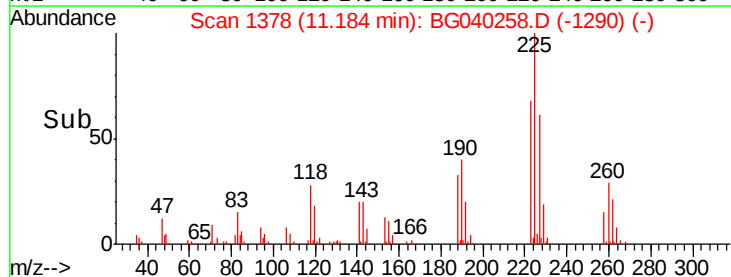
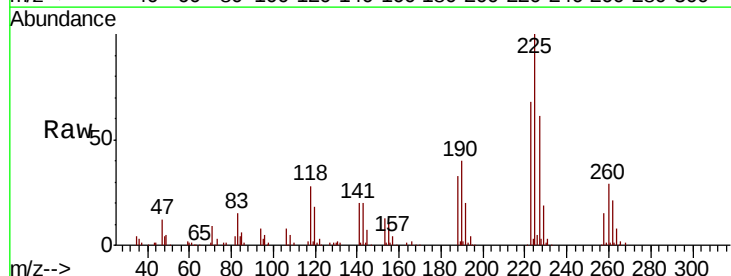
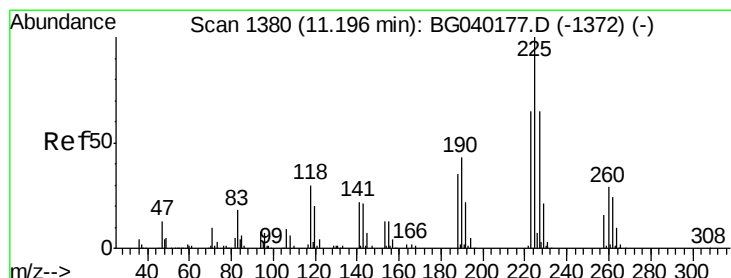
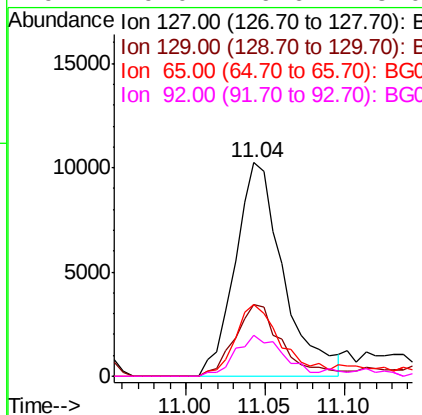
#33
4-Chloroaniline
Concen: 3.600 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	21550		
129	33.6	26.6	40.0	
65	33.7	27.0	40.4	
92	19.0	16.6	25.0	

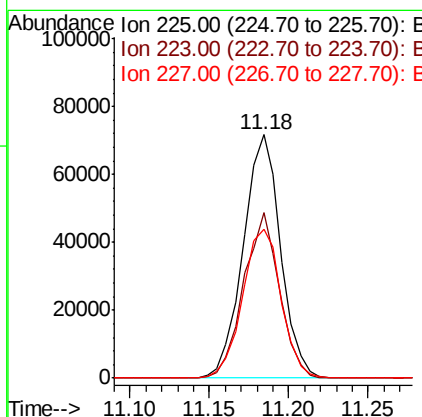
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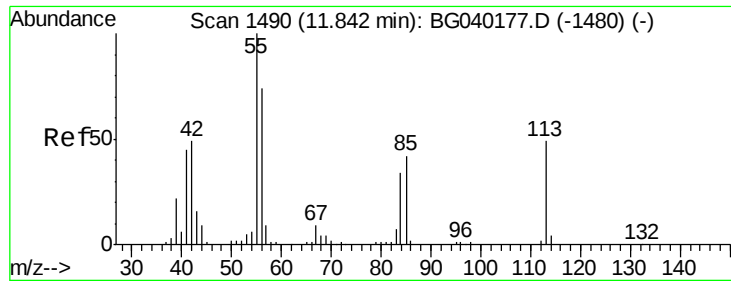
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#34
Hexachlorobutadiene
Concen: 38.257 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117074		
223	68.1	51.8	77.8	
227	61.1	54.9	82.3	





#35

Caprolactam

Concen: 37.611 ng m

RT: 11.82 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

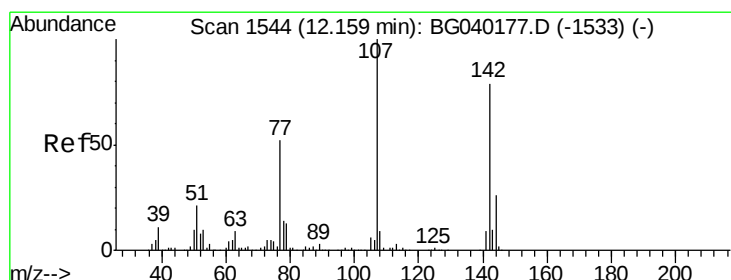
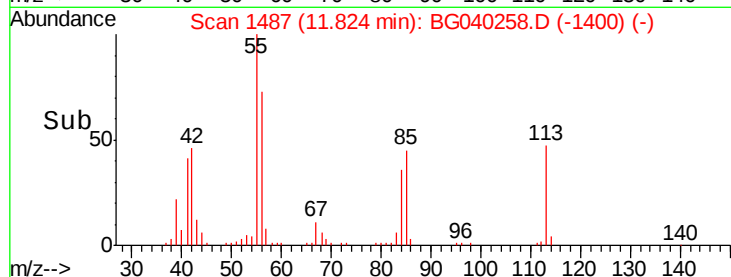
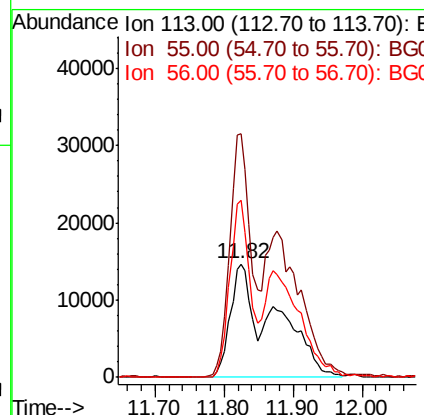
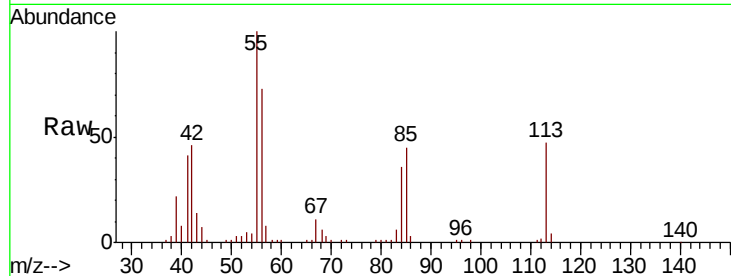
ClientSampleId :

SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	214.5	184.2	224.2
56	156.1	131.3	171.3

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#36

4-Chloro-3-methylphenol

Concen: 46.580 ng

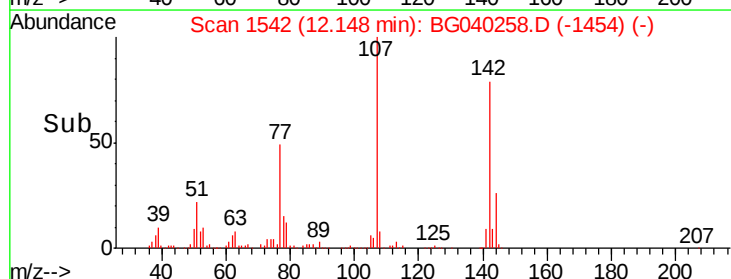
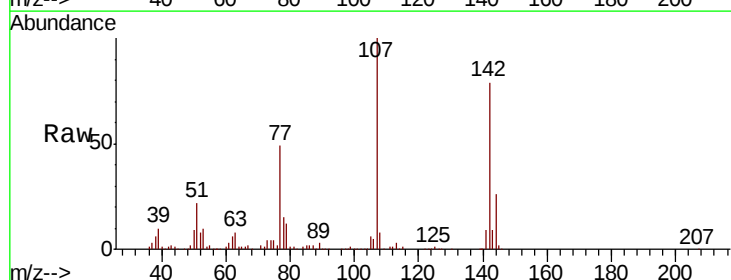
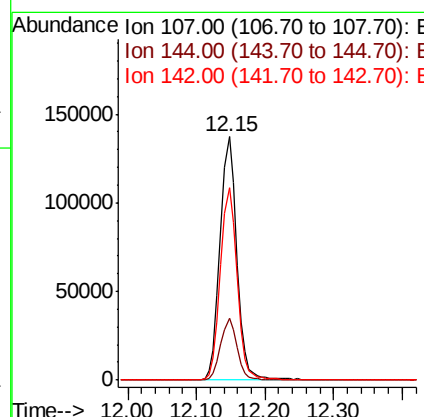
RT: 12.15 min Scan# 1542

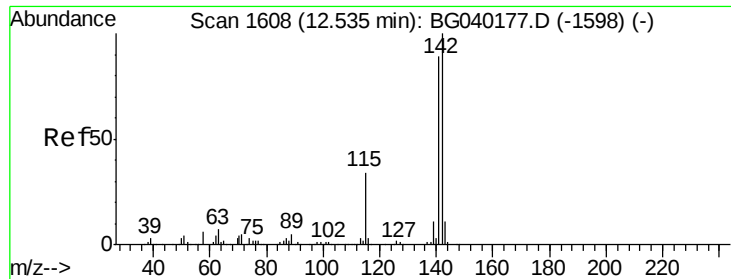
Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	79.2	63.1	94.7





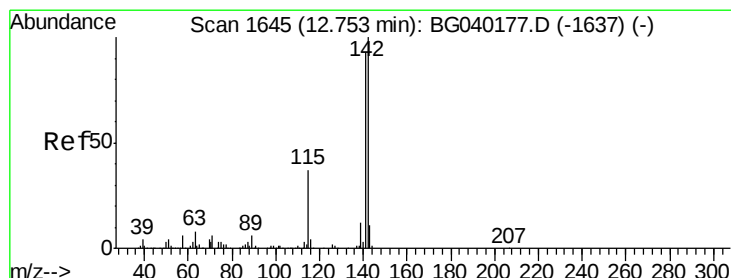
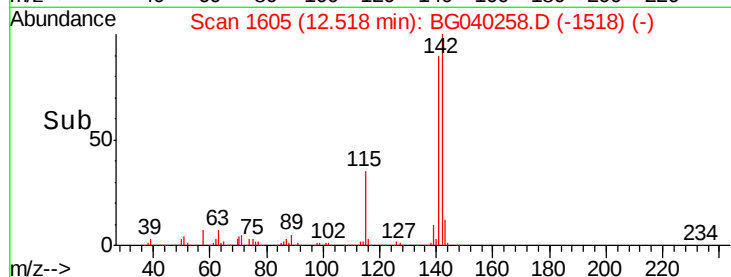
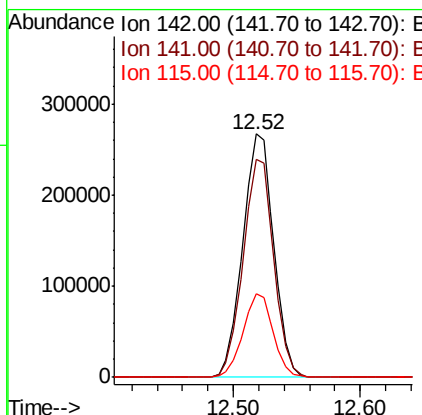
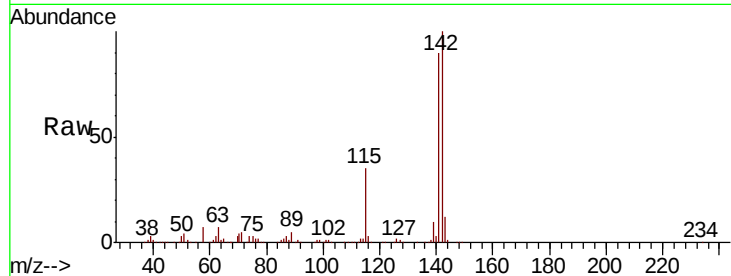
#37
 2-Methylnaphthalene
 Concen: 43.534 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	451852		
141	89.5	71.0	106.6	
115	34.6	27.3	40.9	

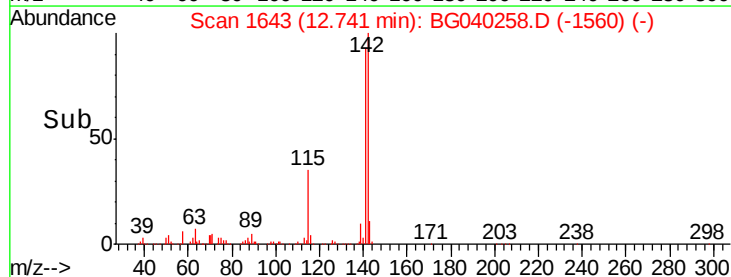
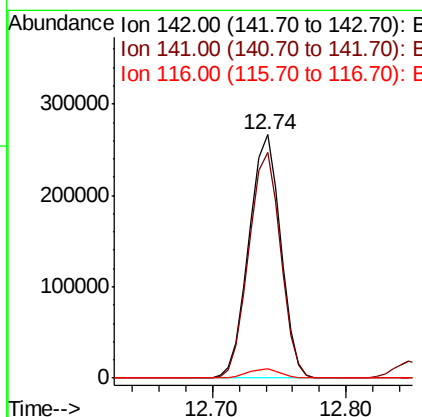
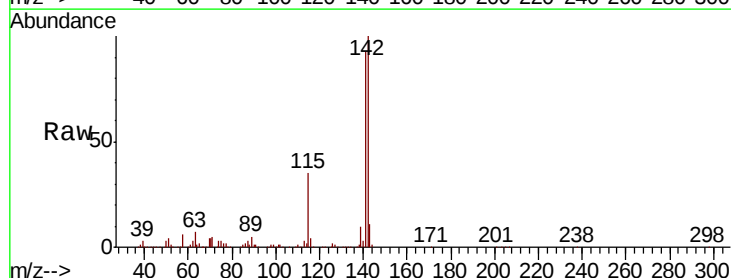
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#38
 1-Methylnaphthalene
 Concen: 43.330 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	436106		
141	92.6	74.2	111.4	
116	3.7	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

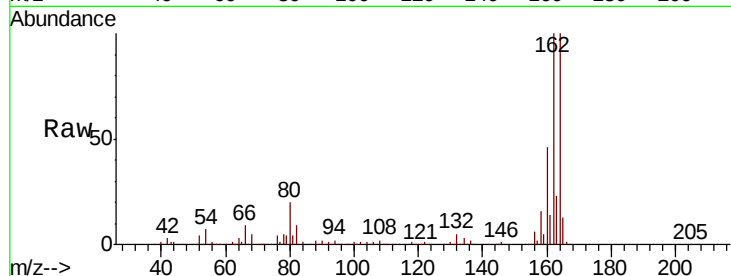
ClientSampleId :

SU-02-032719-AMS

Tgt Ion:	164	Resp:	185747
Ion Ratio	Lower	Upper	
164	100		
162	100.2	77.4	116.2
160	46.2	35.3	52.9

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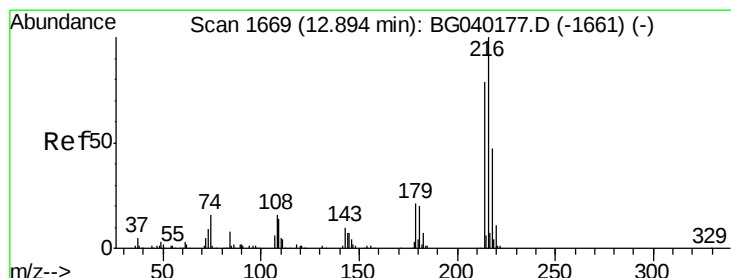
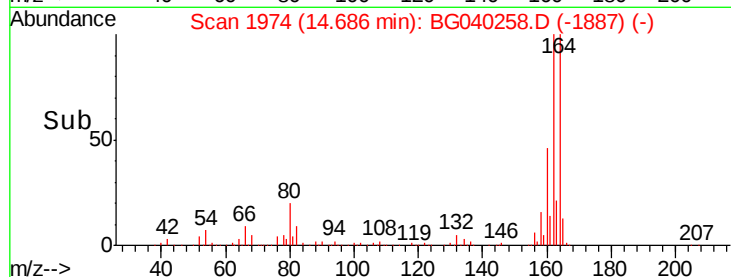
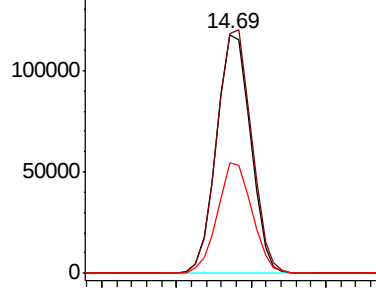


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.807 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	216	Resp:	229102
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.5	95.3
179	20.1	16.6	25.0
108	19.6	13.8	20.8

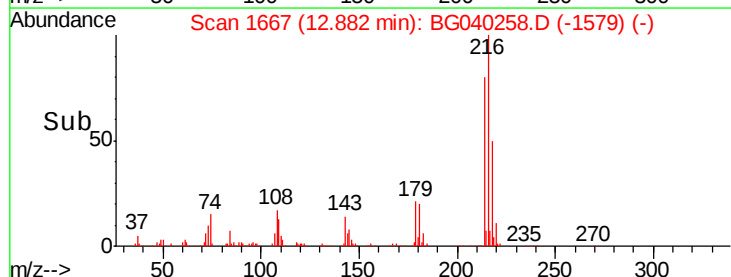
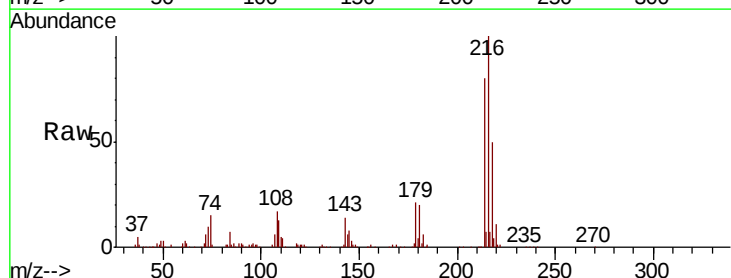
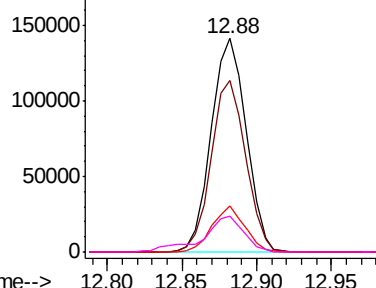
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.386 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

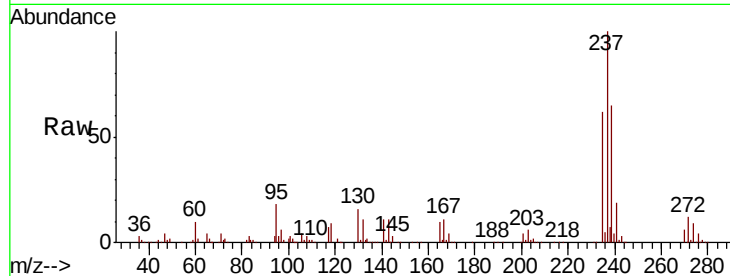
ClientSampleId :

SU-02-032719-AMS

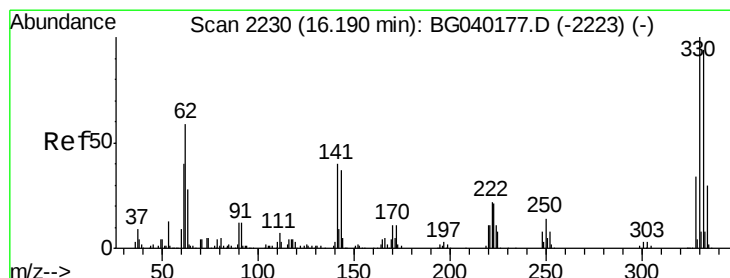
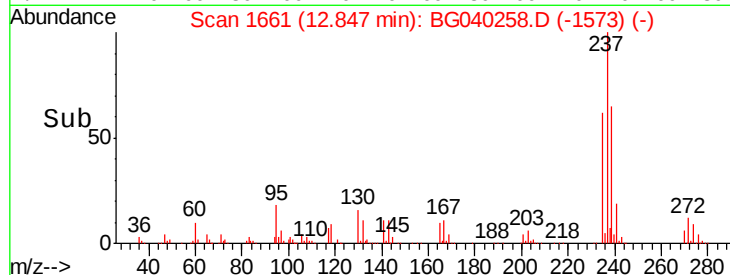
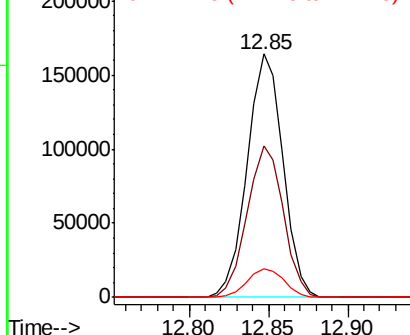
Tgt Ion:	237	Resp:	257335
Ion Ratio	Lower	Upper	
237	100		
235	62.5	46.2	86.2
272	11.9	0.0	30.5

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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: 147.818 ng

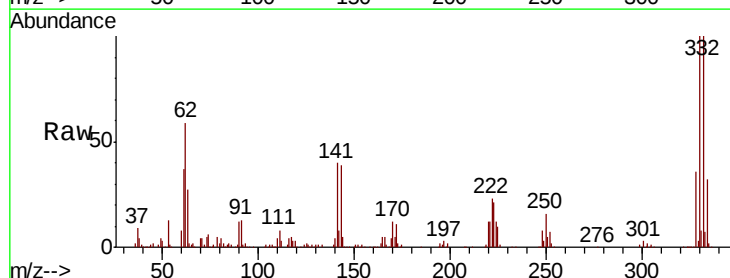
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

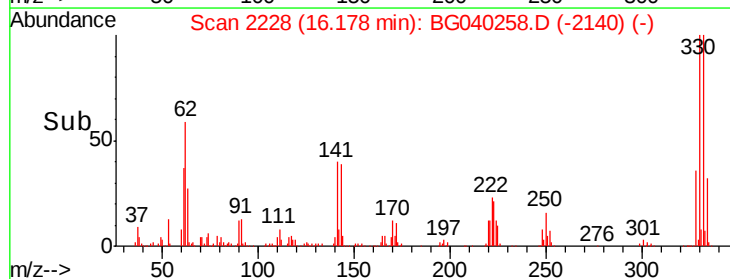
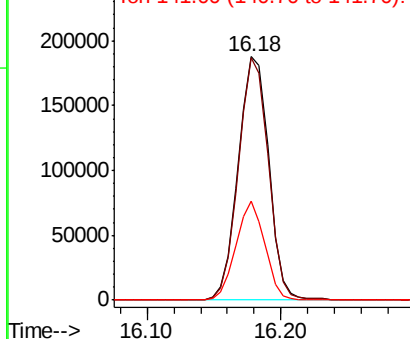
Lab File: BG040258.D

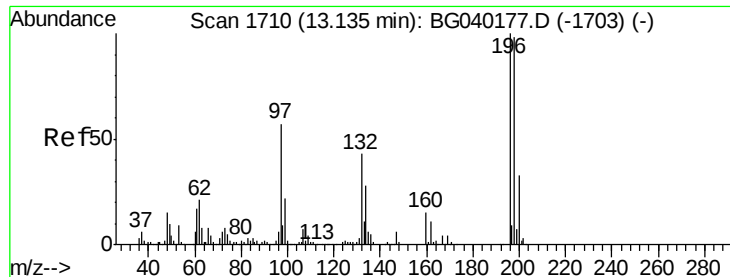
Acq: 30 Mar 2019 12:35

Tgt Ion:	330	Resp:	296736
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.6	115.0
141	38.6	32.6	48.8



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





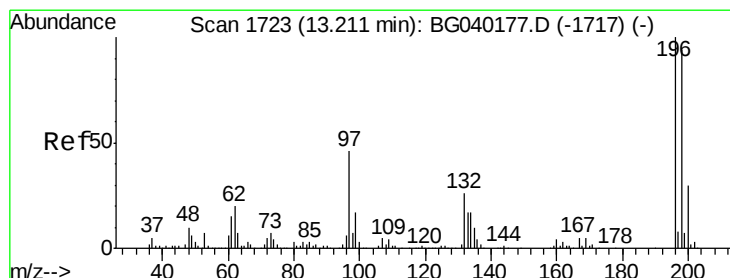
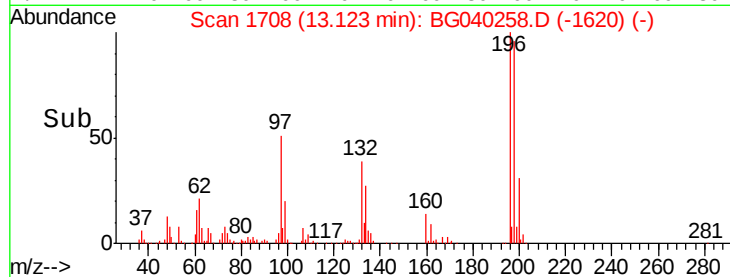
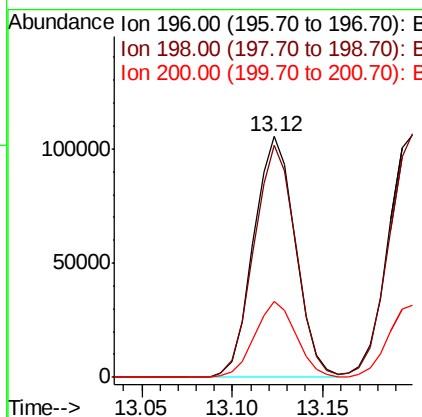
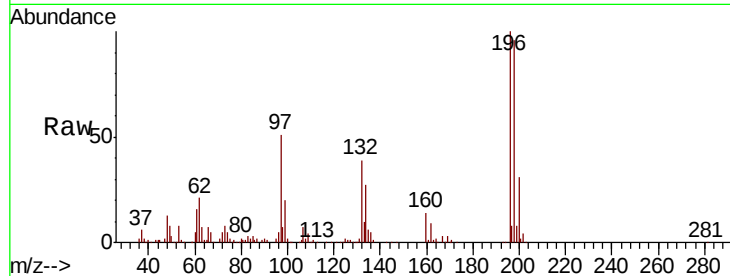
#43
 2,4,6-Trichlorophenol
 Concen: 44.277 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168531		
198	96.2	78.3	117.5	
200	31.3	26.0	39.0	

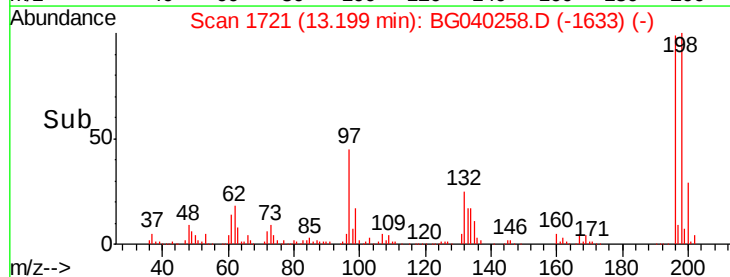
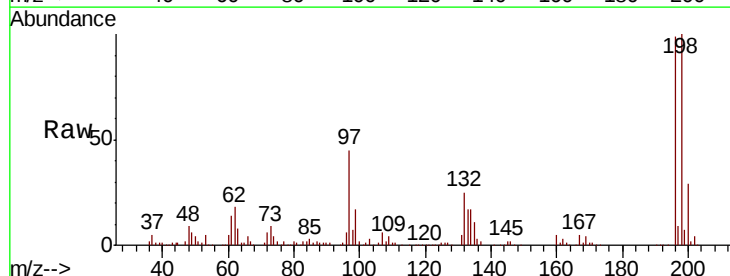
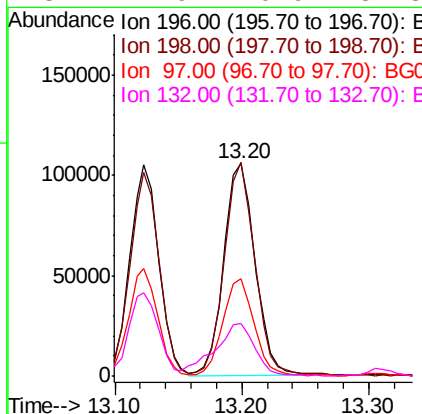
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#44
 2,4,5-Trichlorophenol
 Concen: 43.622 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180978		
198	100.5	75.0	112.6	
97	45.5	37.3	55.9	
132	24.9	20.9	31.3	





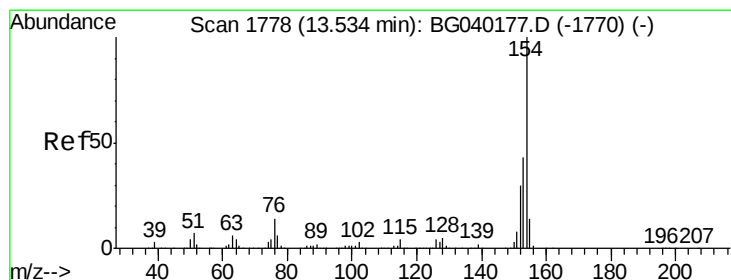
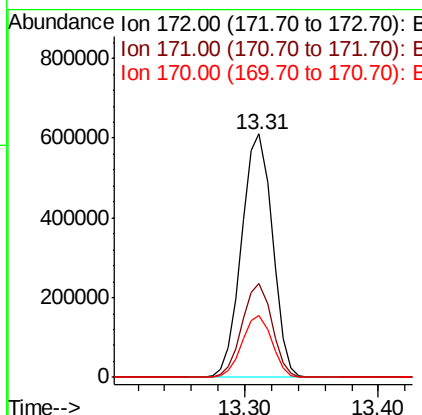
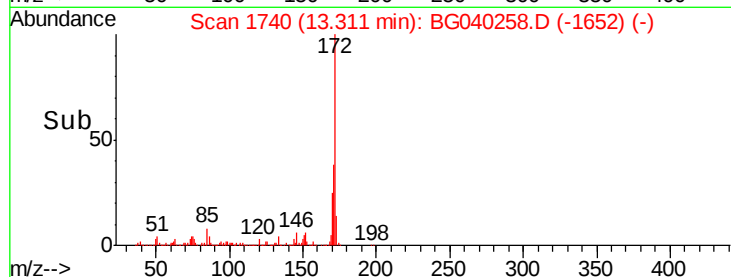
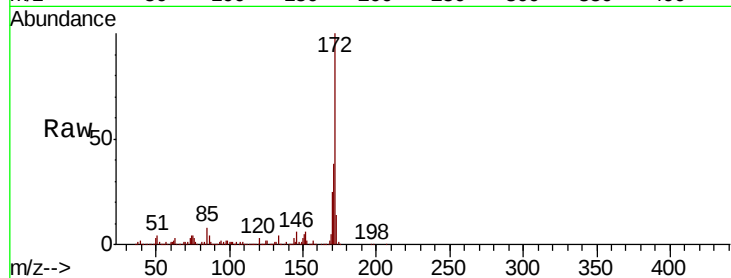
#45
2-Fluorobiphenyl
Concen: 77.687 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.4	20.1	30.1

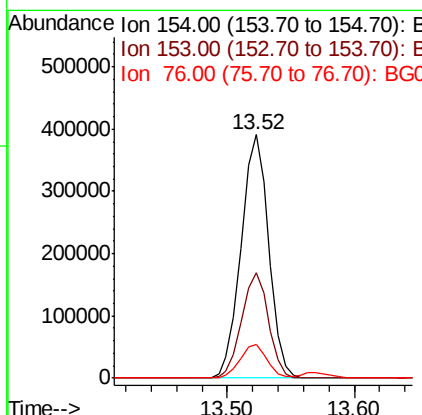
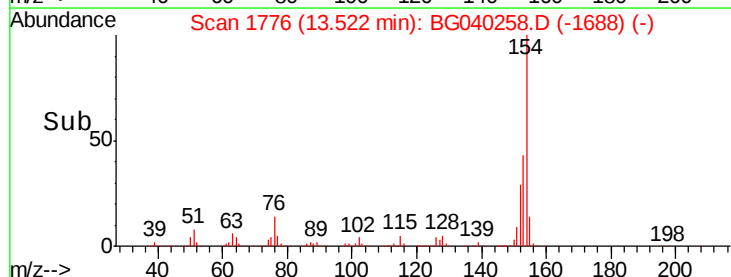
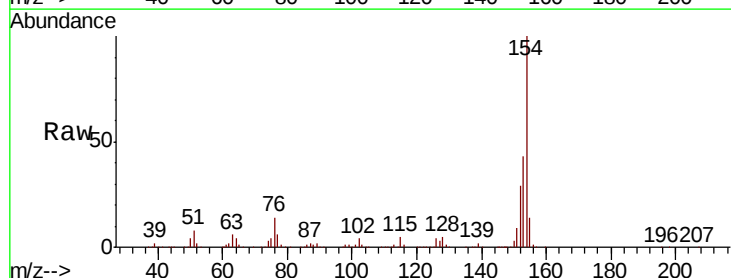
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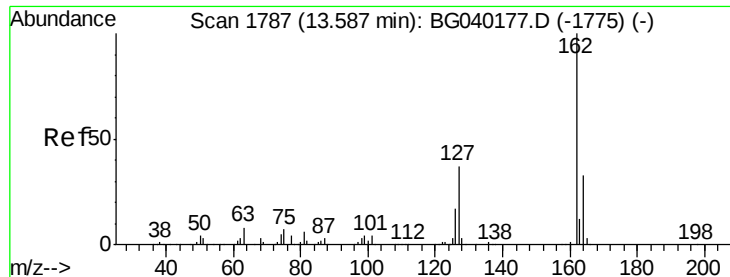
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#46
1,1'-Biphenyl
Concen: 40.030 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.5	62.5
76	14.0	0.0	33.7





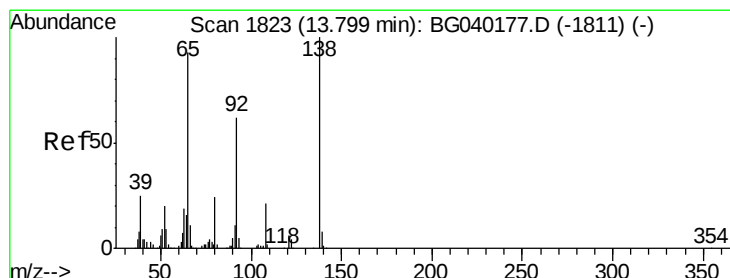
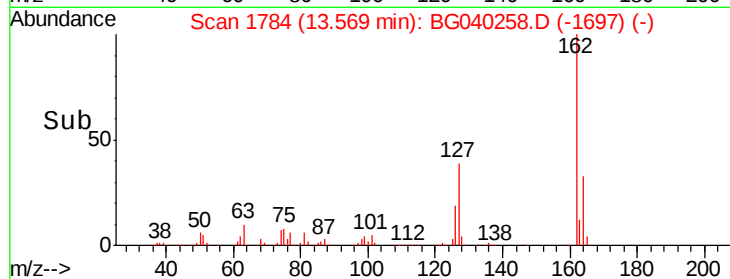
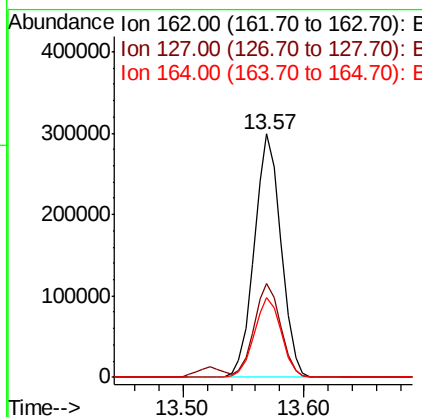
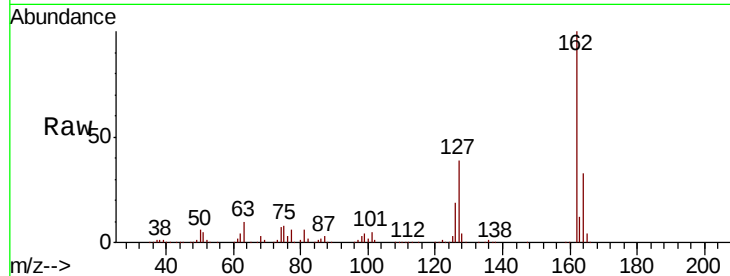
#47
2-Chloronaphthalene
Concen: 40.884 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	460262		
127	38.5	30.6	45.8	
164	32.8	26.2	39.4	

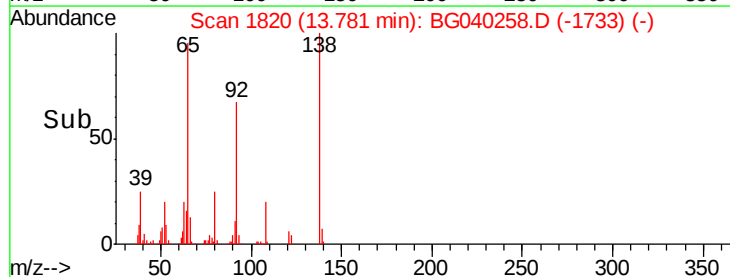
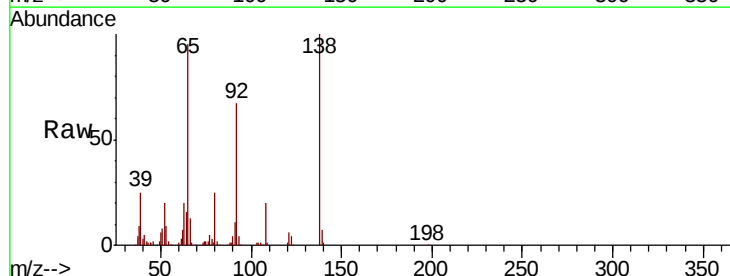
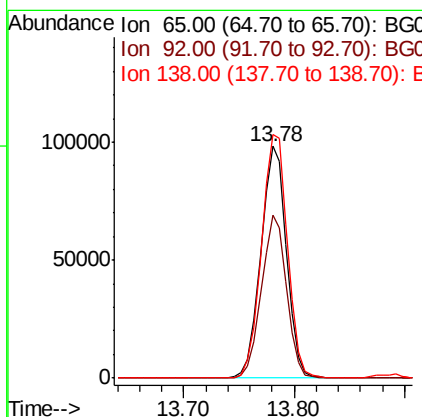
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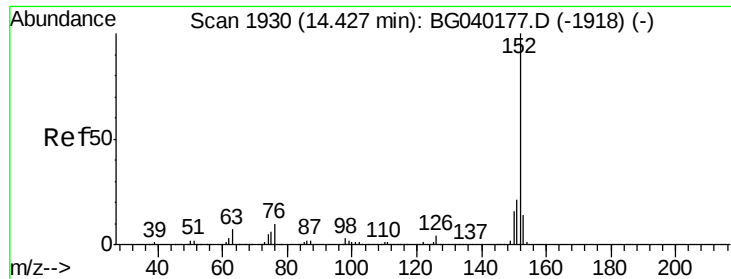
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#48
2-Nitroaniline
Concen: 41.950 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159298		
92	70.3	53.8	80.6	
138	105.0	86.3	129.5	





#49

Acenaphthylene

Concen: 40.926 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

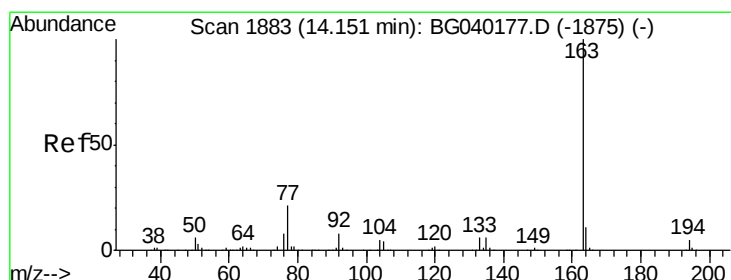
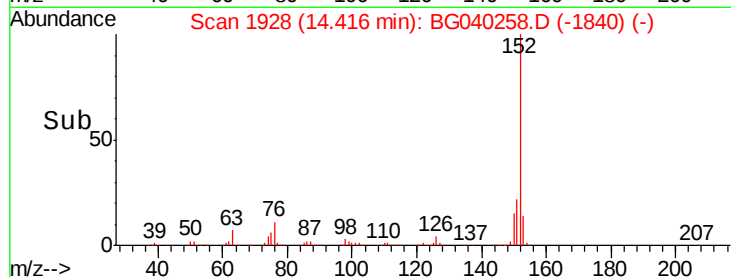
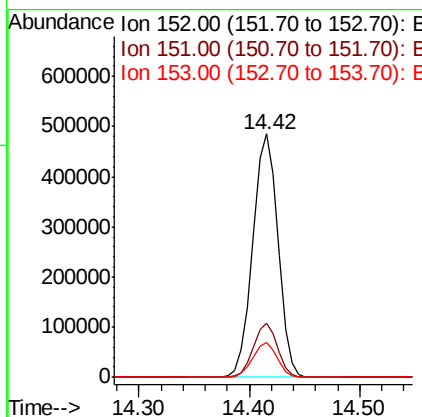
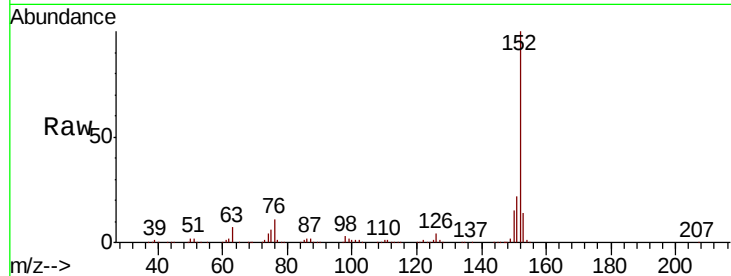
ClientSampleId :

SU-02-032719-AMS

Tgt Ion:	152	Resp:	781165
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.0	25.6
153	14.4	10.8	16.2

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#50

Dimethylphthalate

Concen: 43.183 ng

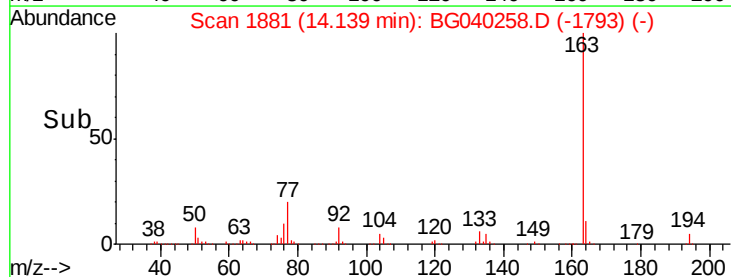
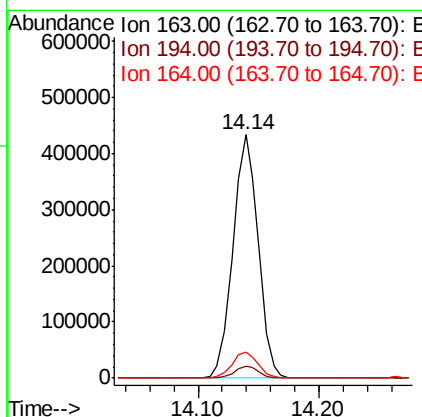
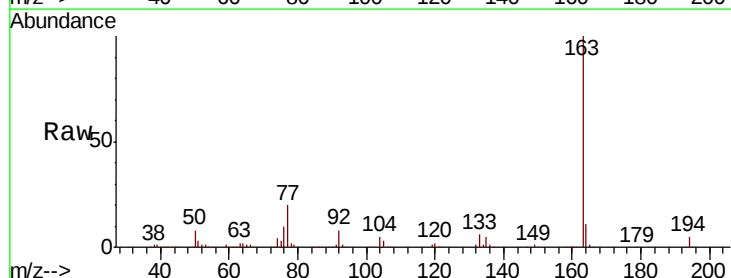
RT: 14.14 min Scan# 1881

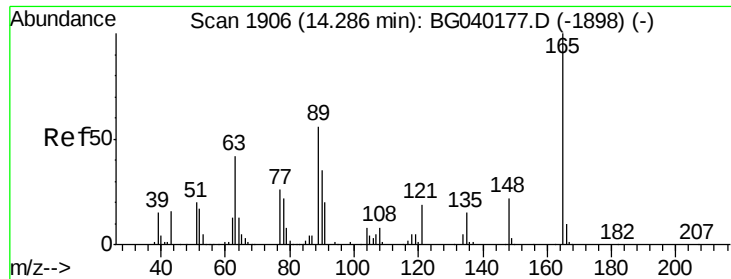
Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	163	Resp:	627767
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.1	6.1
164	10.6	8.6	13.0





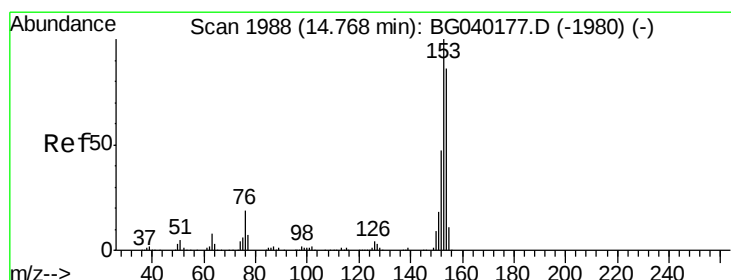
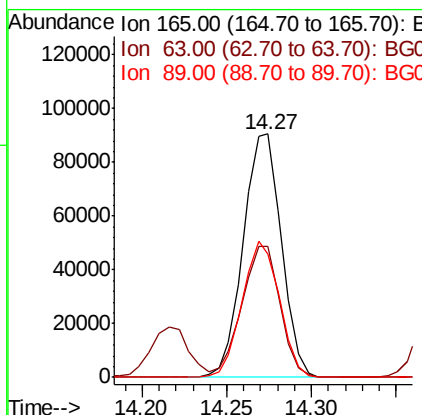
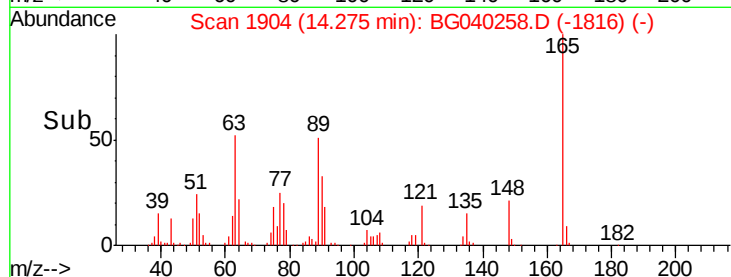
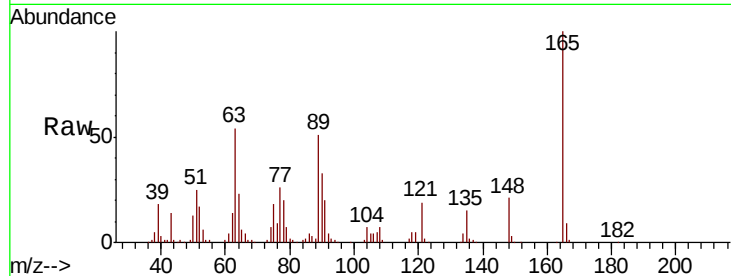
#51
2,6-Dinitrotoluene
Concen: 43.417 ng
RT: 14.27 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141719		
63	53.6	44.1	66.1	
89	50.7	44.9	67.3	

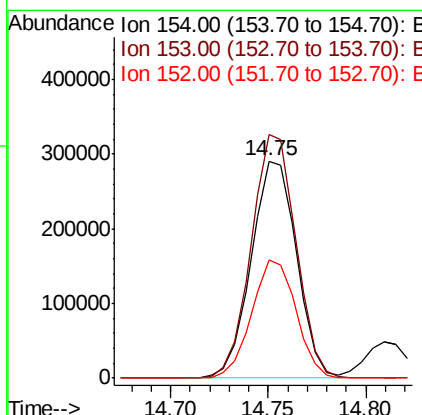
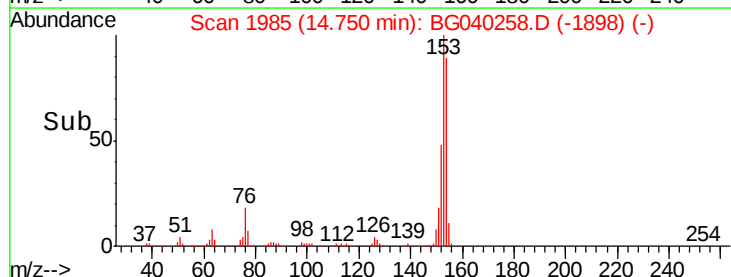
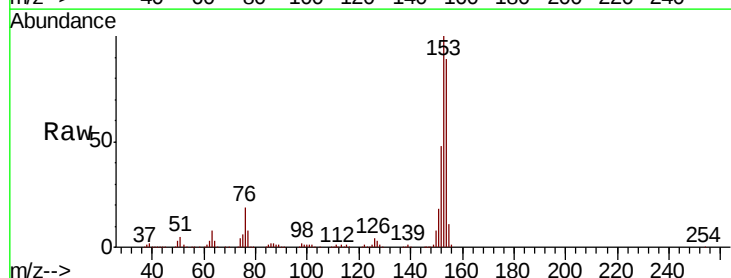
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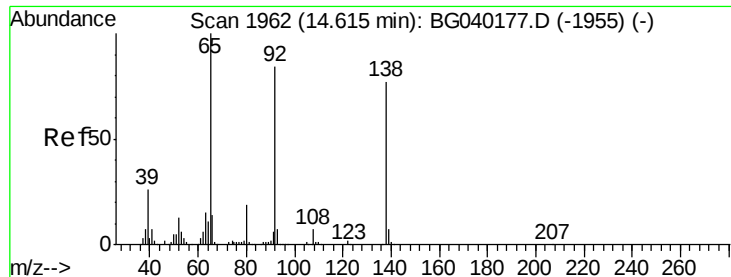
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#52
Acenaphthene
Concen: 42.775 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	467846		
153	112.1	92.8	139.2	
152	54.4	43.4	65.2	





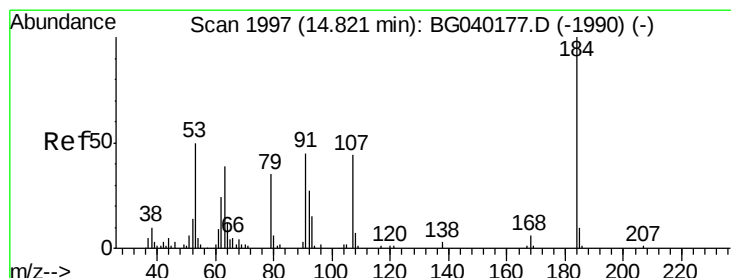
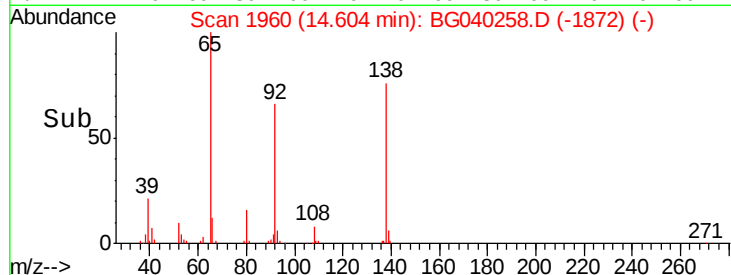
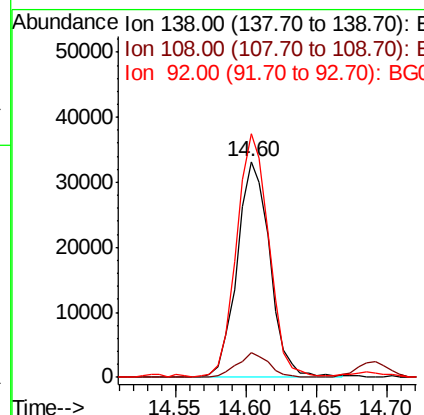
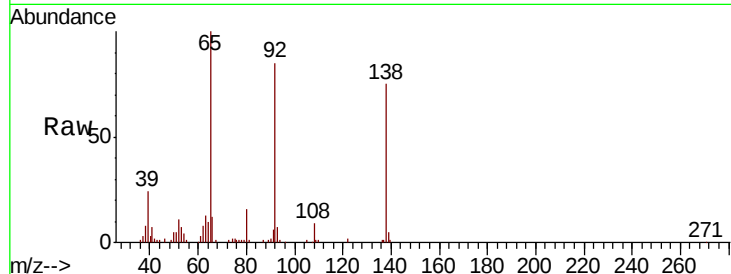
#53
3-Nitroaniline
Concen: 15.544 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:138 Resp: 53707
Ion Ratio Lower Upper
138 100
108 11.4 7.8 11.8
92 112.9 87.5 131.3

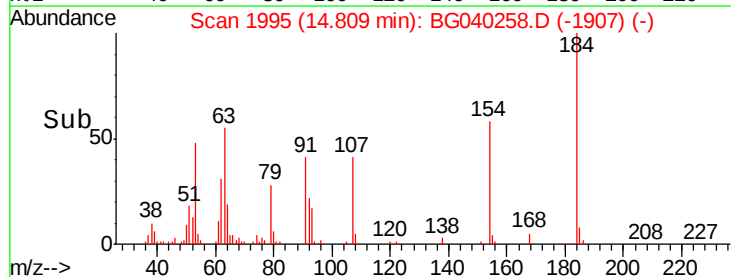
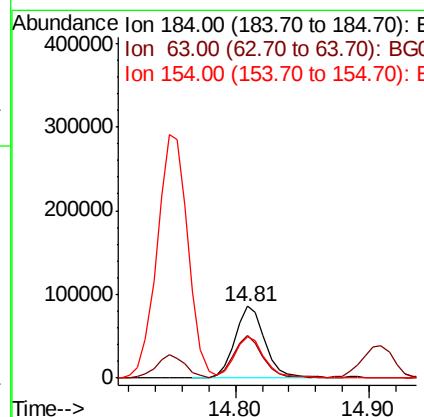
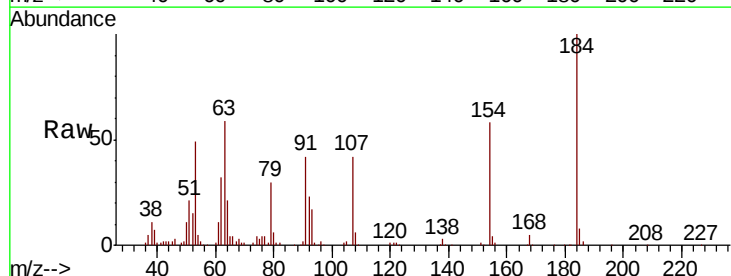
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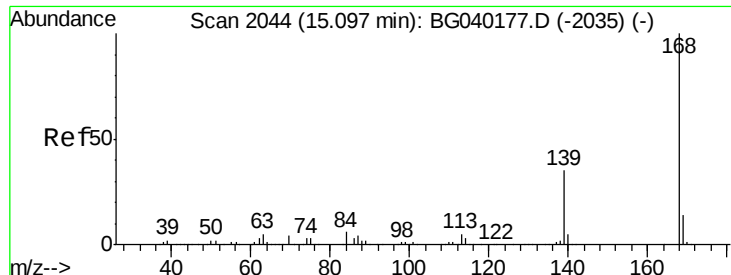
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#54
2,4-Dinitrophenol
Concen: 78.549 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:184 Resp: 136357
Ion Ratio Lower Upper
184 100
63 59.0 51.8 77.8
154 57.5 50.9 76.3





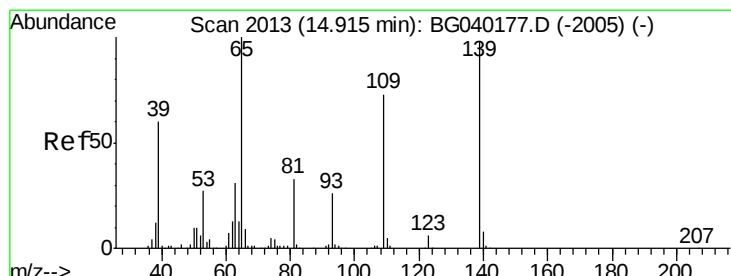
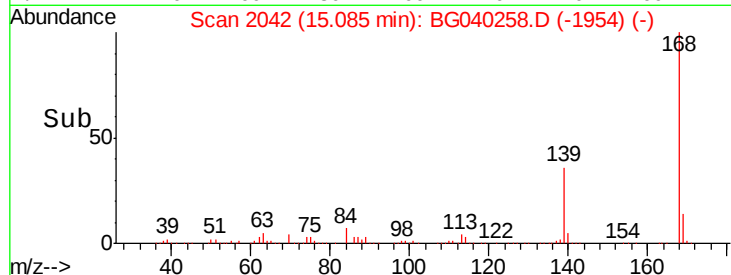
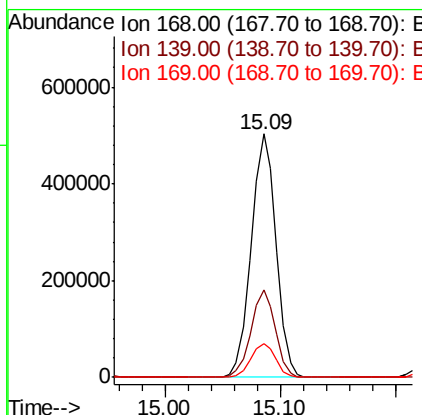
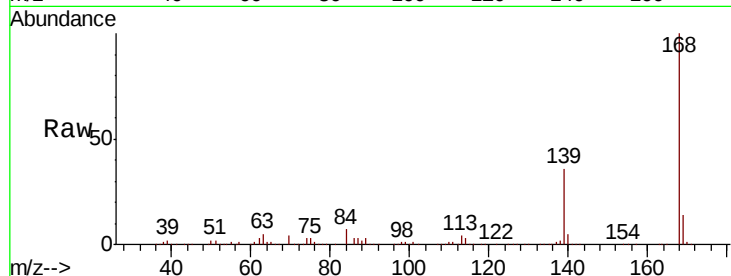
#55
Dibenzo(furan)
Concen: 42.676 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.9	41.9
169	14.0	11.3	16.9

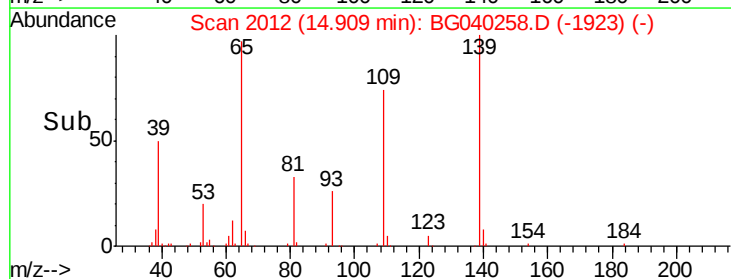
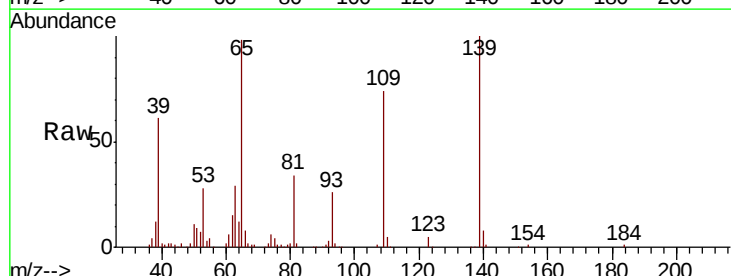
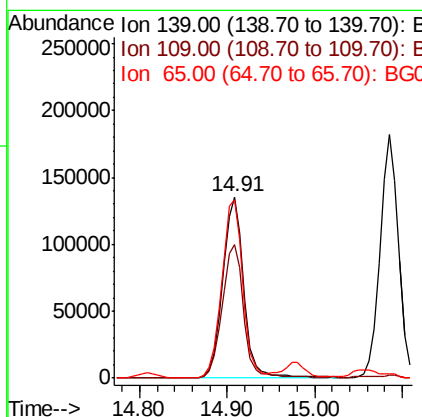
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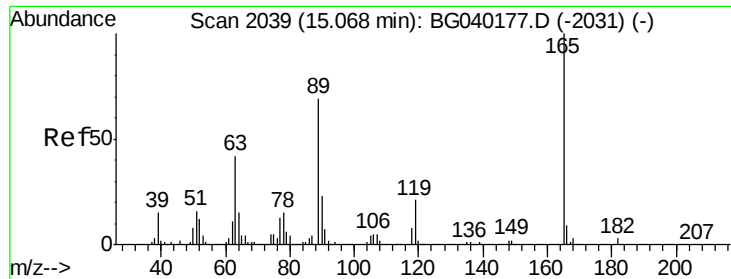
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#56
4-Nitrophenol
Concen: 81.286 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	54.3	94.3
65	98.5	82.5	122.5





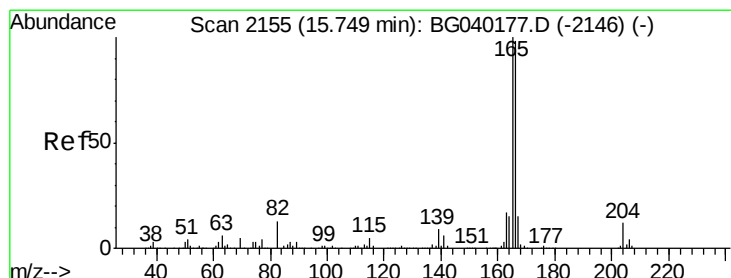
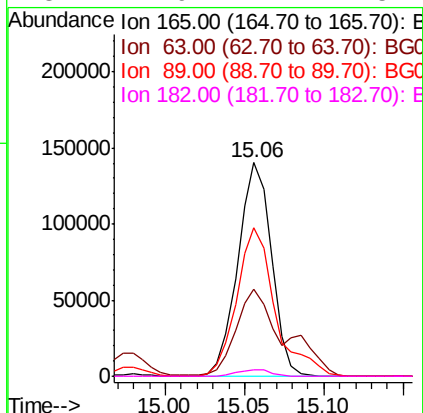
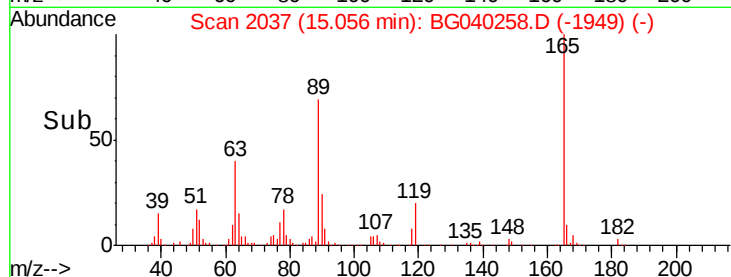
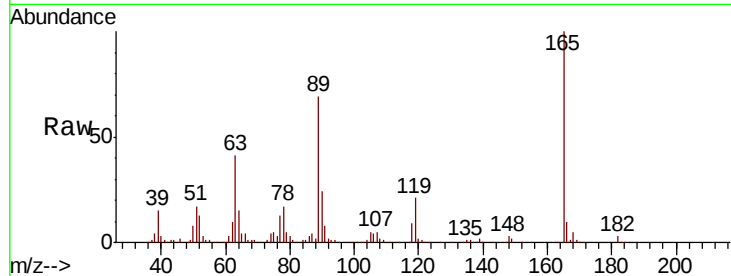
#57
2,4-Dinitrotoluene
Concen: 45.526 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206485		
63	40.6	33.8	50.6	
89	69.4	55.4	83.2	
182	2.9	2.2	3.4	

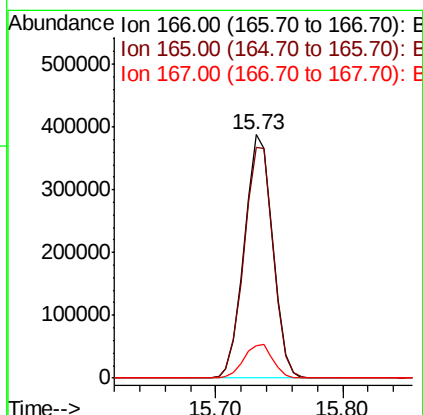
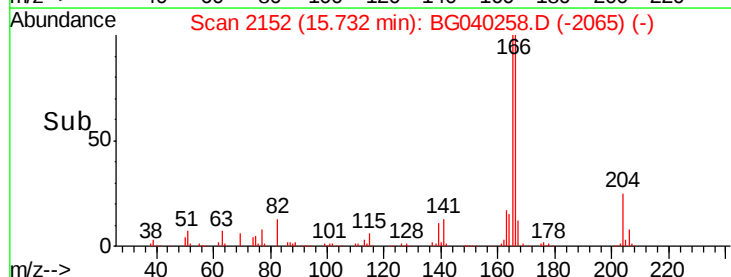
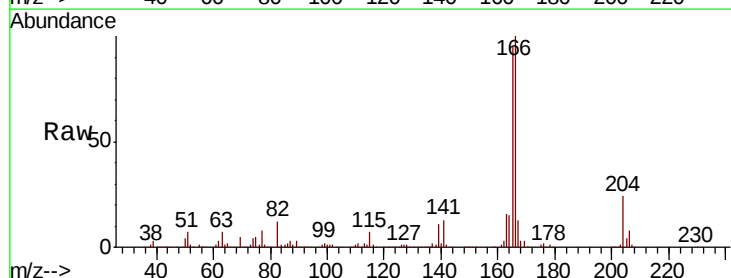
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#58
Fluorene
Concen: 43.640 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	602991		
165	94.6	81.7	122.5	
167	13.4	11.9	17.9	





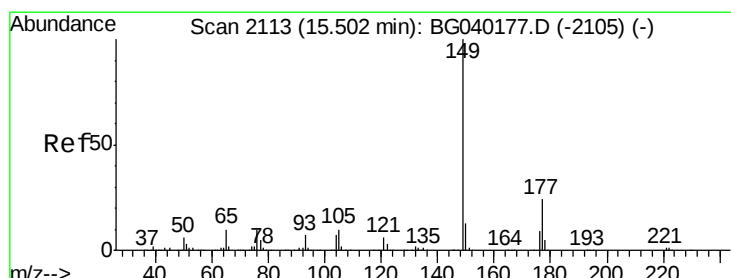
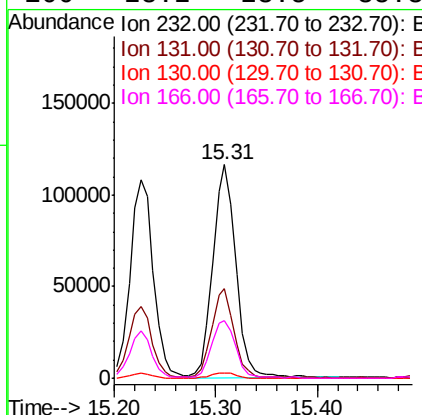
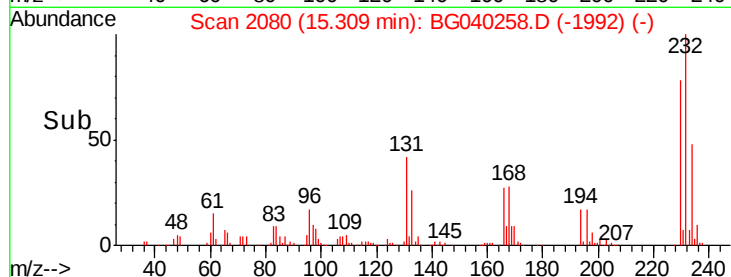
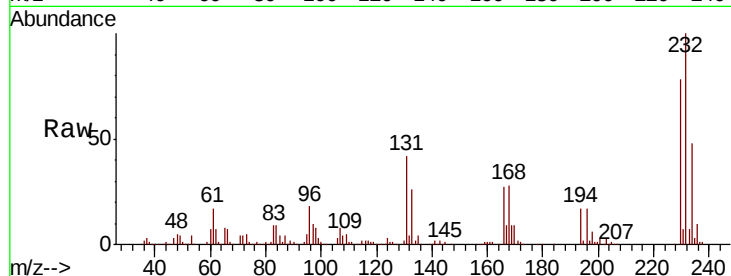
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.495 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182573		
131	40.4	32.9	49.3	
130	2.7	1.8	2.8	
166	28.2	23.5	35.3	

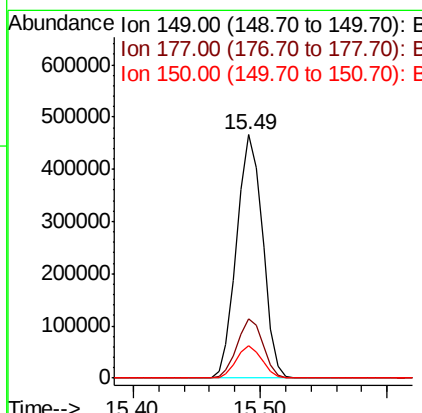
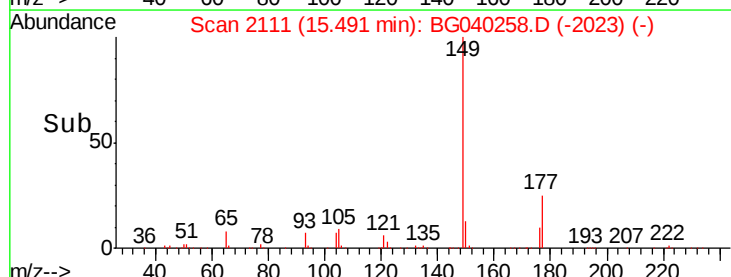
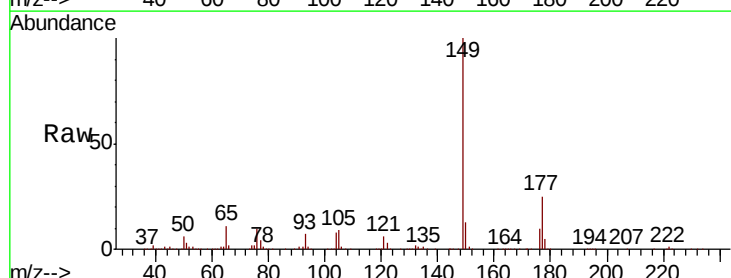
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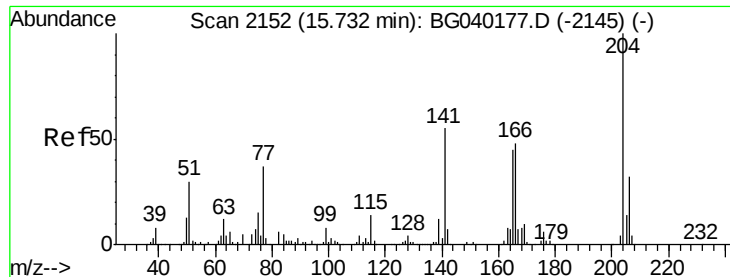
Sohil
 4/1/2019 10:06:15 AM



#60
 Diethylphthalate
 Concen: 44.347 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	659706		
177	24.6	19.1	28.7	
150	13.1	10.6	15.8	





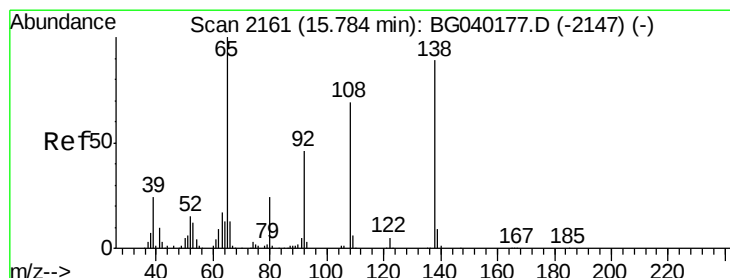
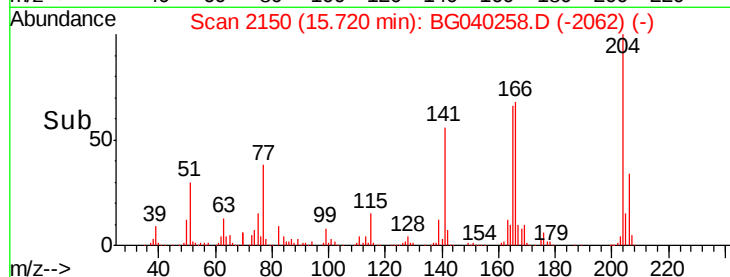
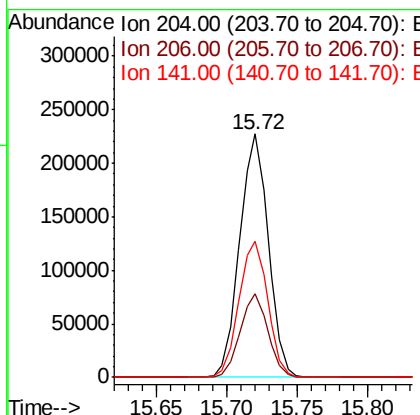
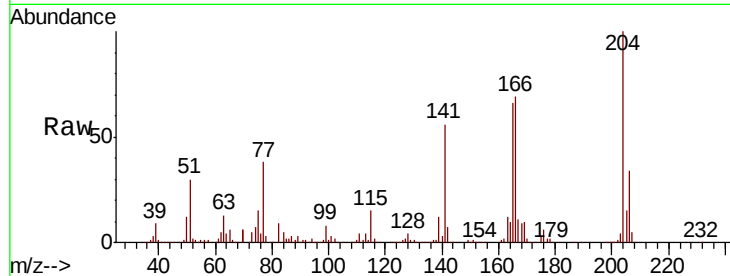
#61
 4-Chlorophenyl-phenylether
 Concen: 43.456 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.7	38.5
141	55.9	44.0	66.0

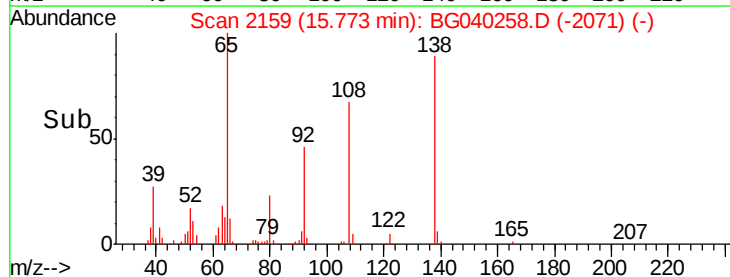
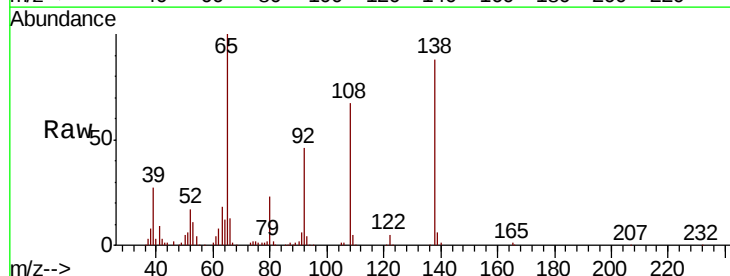
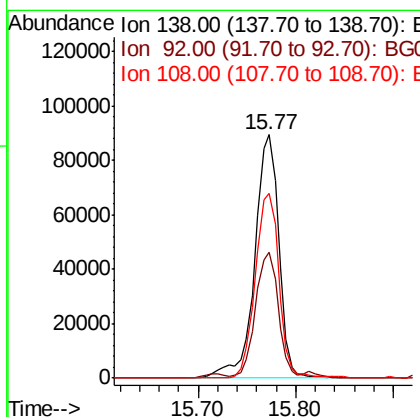
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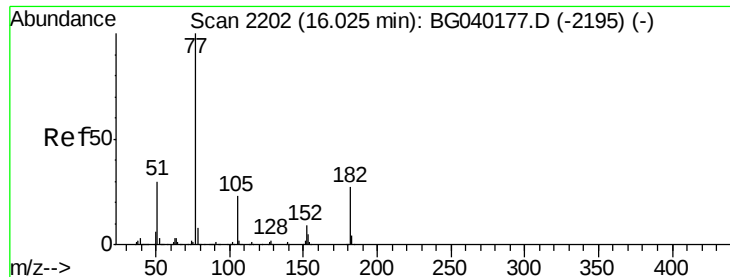
Sohil
 4/1/2019 10:06:15 AM



#62
 4-Nitroaniline
 Concen: 42.015 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.8	71.8
108	75.8	57.2	97.2





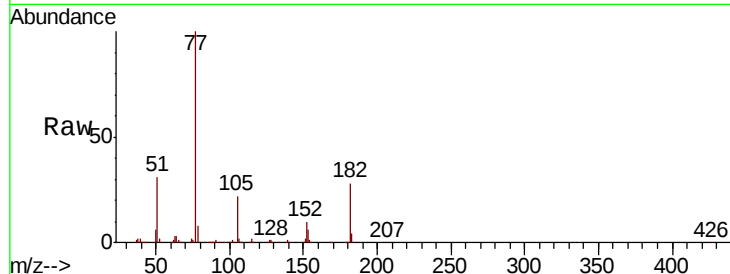
#63
Azobenzene
Concen: 42.976 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.2	47.2
105	21.8	2.8	42.8
51	31.4	10.4	50.4

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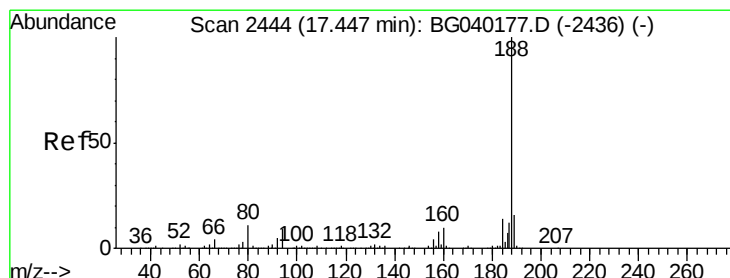
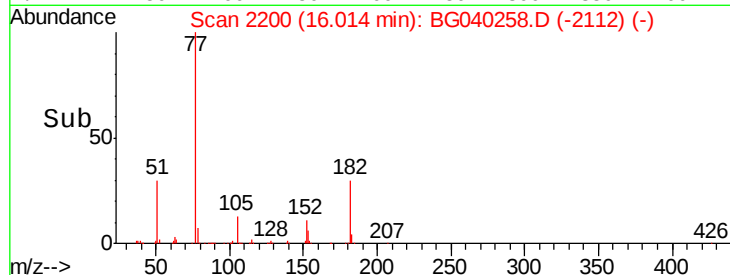
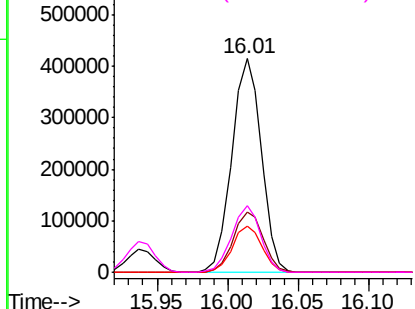
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

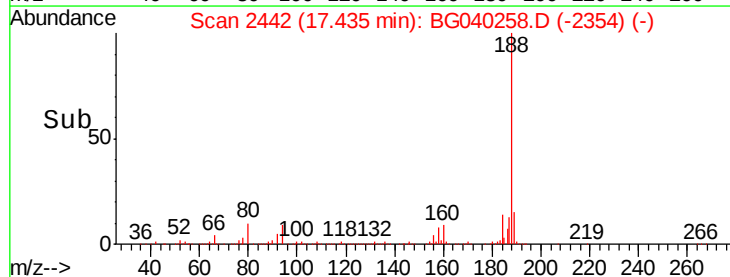
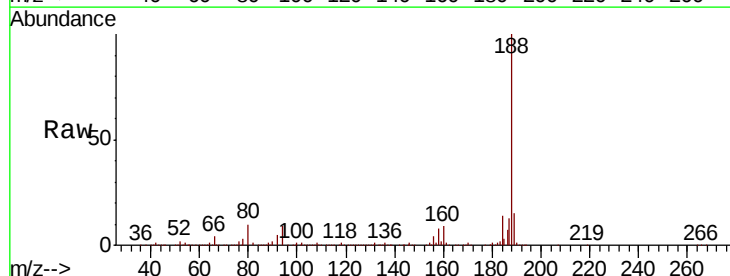
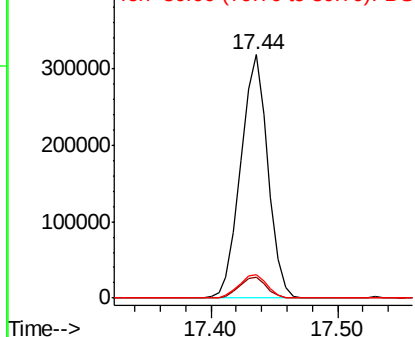
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.6	8.6	13.0

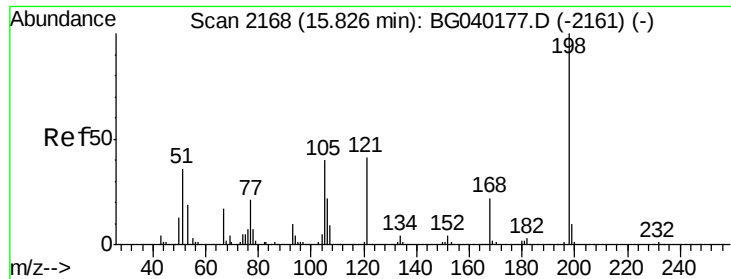
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.868 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

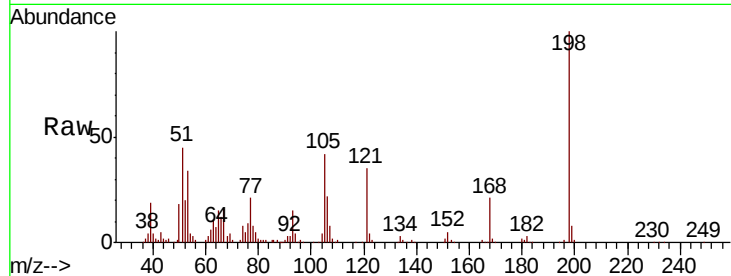
ClientSampleId :

SU-02-032719-AMS

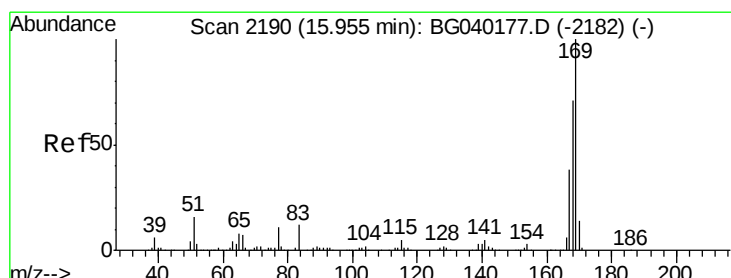
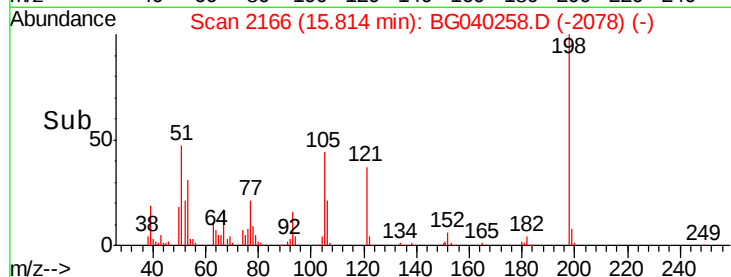
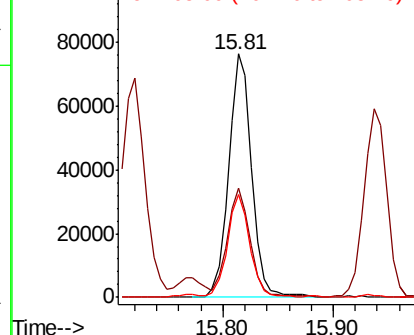
Tgt Ion:	198	Resp:	110766
Ion Ratio	Lower	Upper	
198	100		
51	44.8	27.3	67.3
105	42.3	21.7	61.7

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



#66

n-Nitrosodiphenylamine

Concen: 40.849 ng

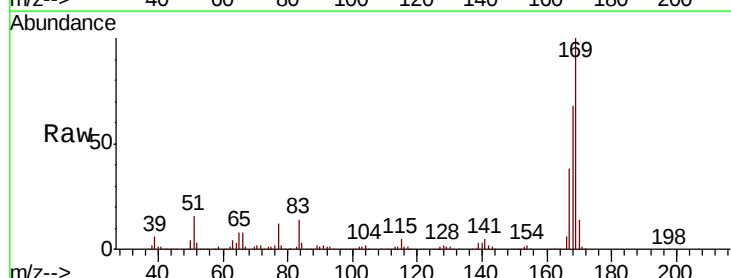
RT: 15.94 min Scan# 2187

Delta R.T. -0.02 min

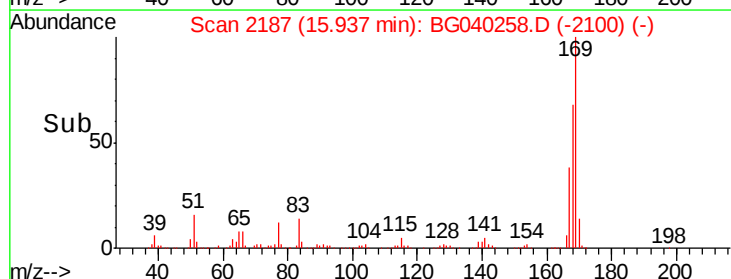
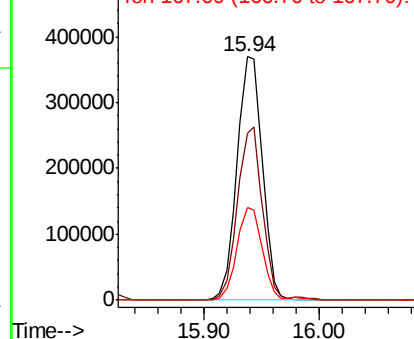
Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	169	Resp:	562894
Ion Ratio	Lower	Upper	
169	100		
168	68.3	56.8	85.2
167	37.9	30.2	45.4



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





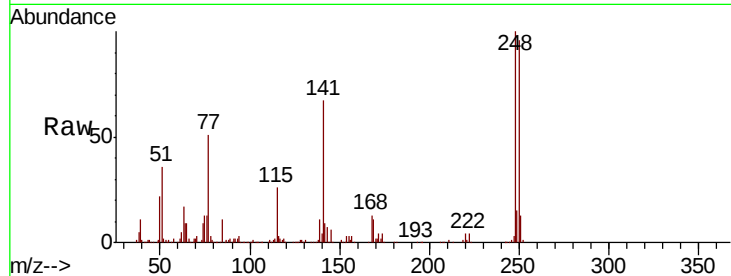
#67
4-Bromophenyl-phenylether
Concen: 41.477 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.4	114.6
141	67.5	53.8	80.8

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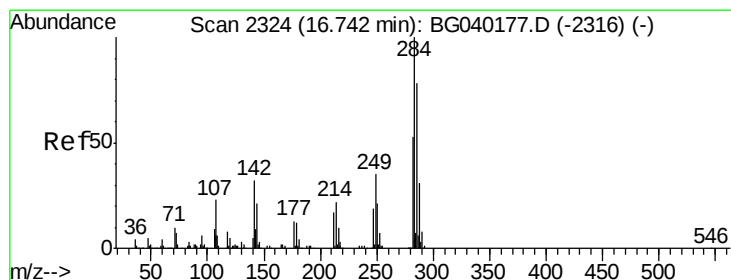
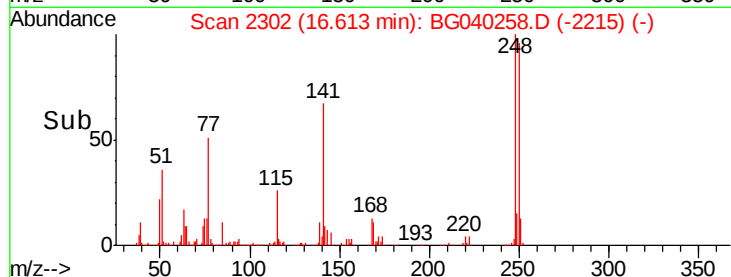
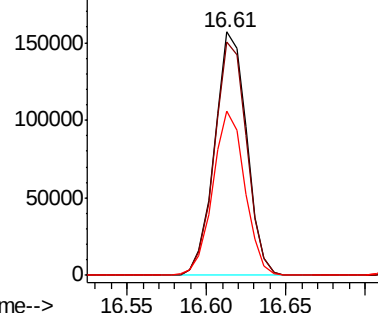


Abundance

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: 41.673 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

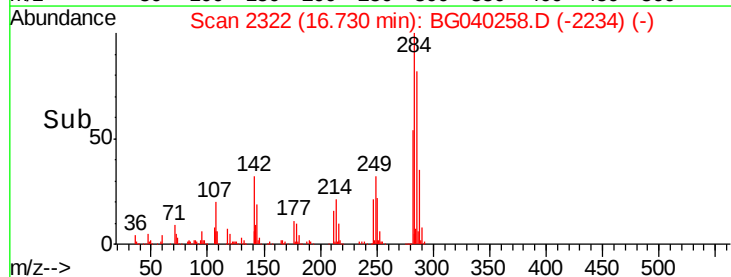
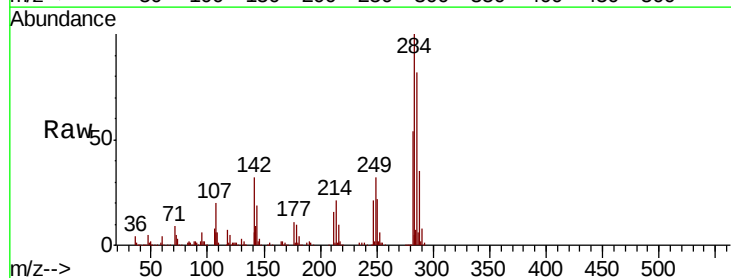
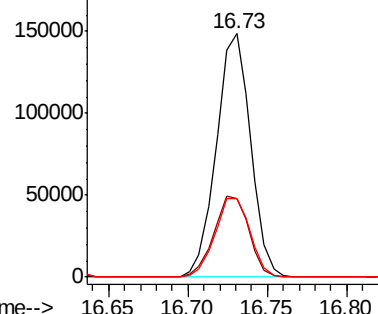
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.3	37.9
249	32.1	28.2	42.2

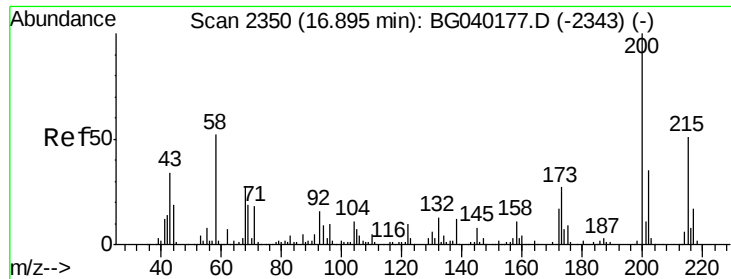
Abundance

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





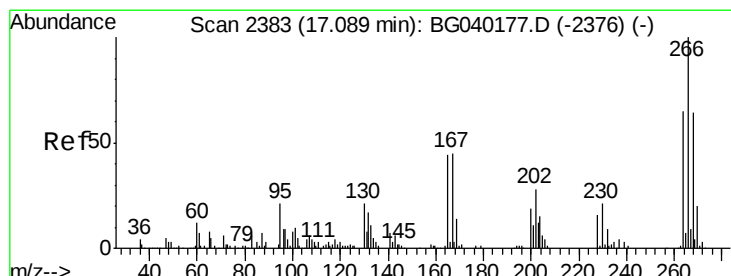
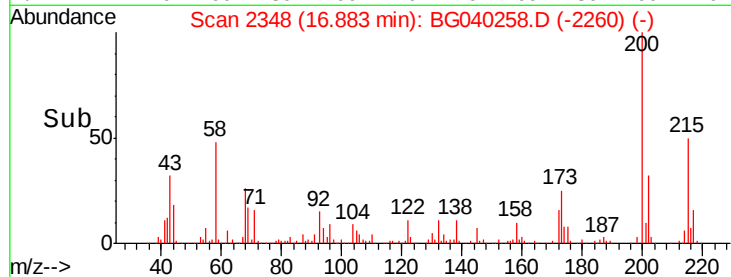
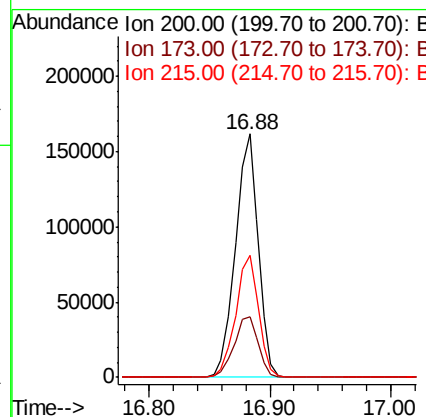
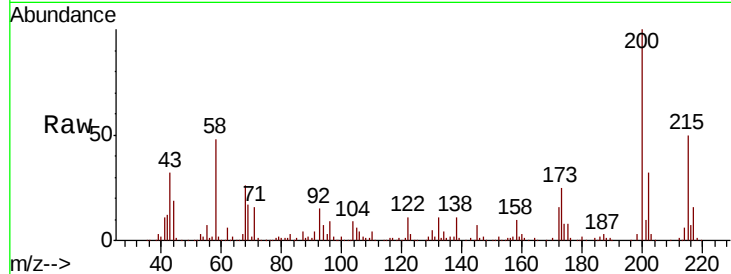
#69
 Atrazine
 Concen: 41.466 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212555		
173	24.8	7.1	47.1	
215	49.9	30.9	70.9	

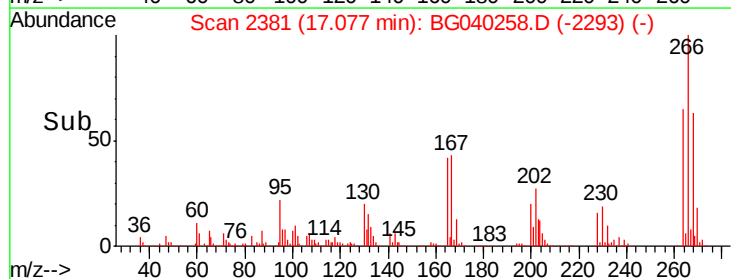
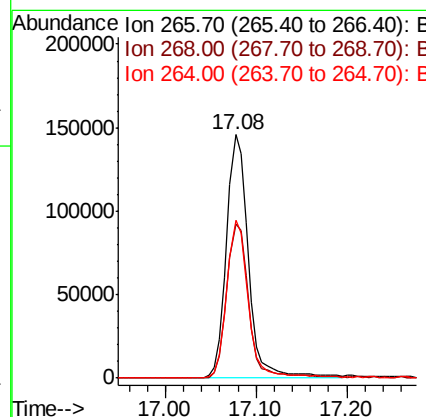
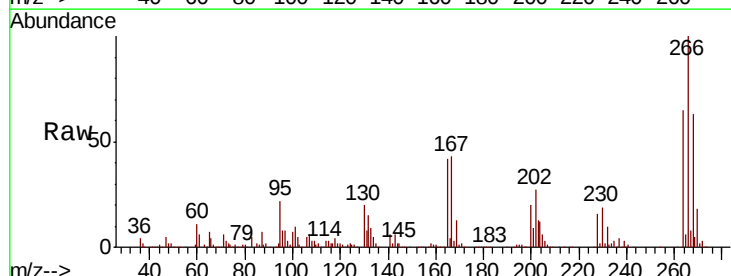
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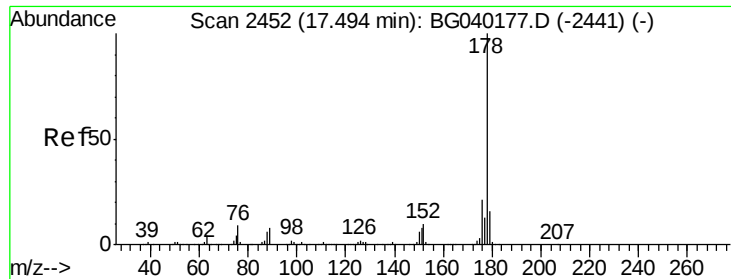
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#70
 Pentachlorophenol
 Concen: 79.783 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	245769		
268	63.0	55.0	82.4	
264	64.7	51.8	77.8	





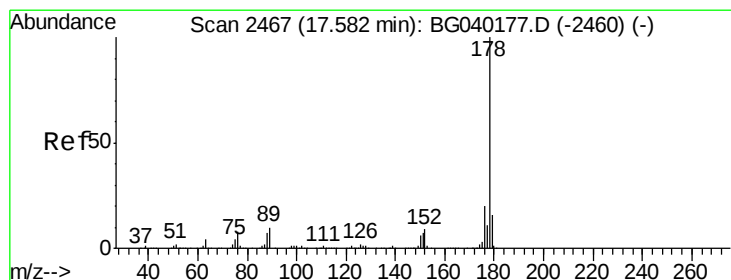
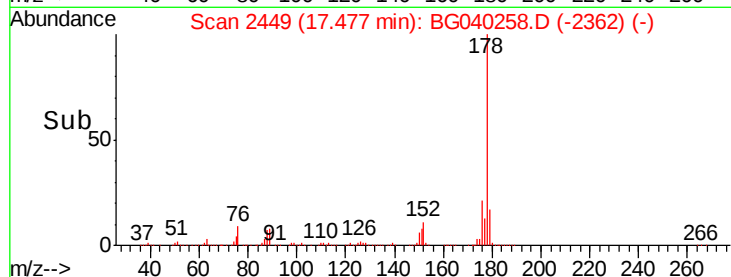
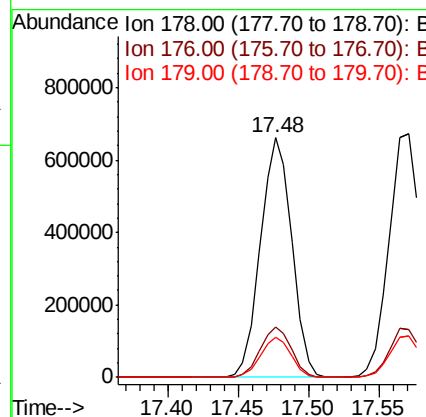
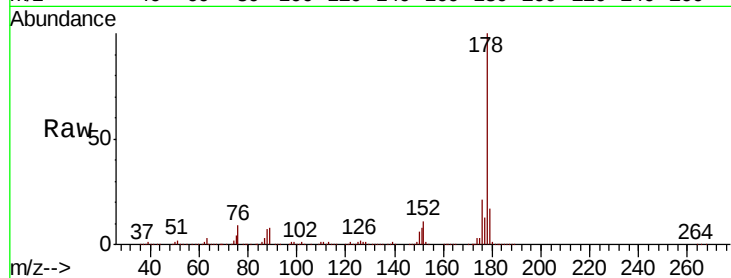
#71
Phenanthrene
Concen: 41.724 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion:178 Resp: 1032748
Ion Ratio Lower Upper
178 100
176 21.1 16.7 25.1
179 16.6 12.8 19.2

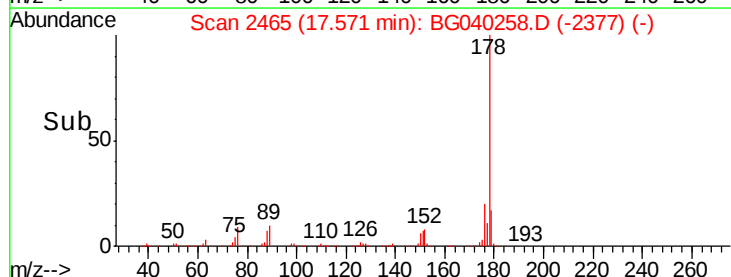
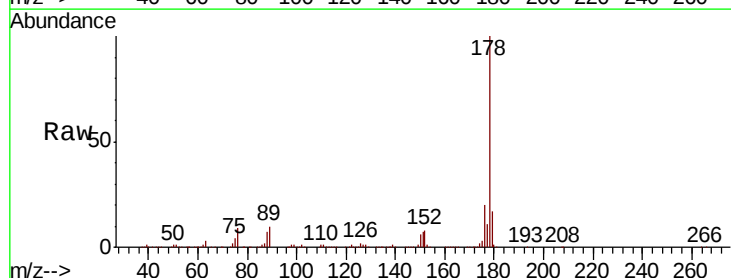
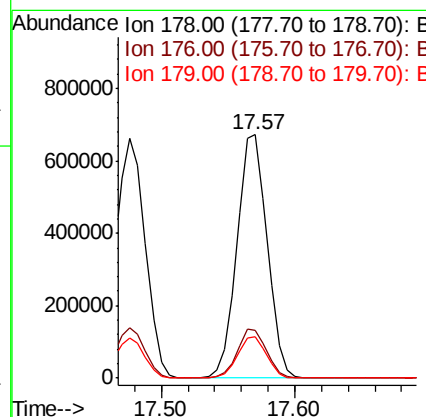
Manual Integrations
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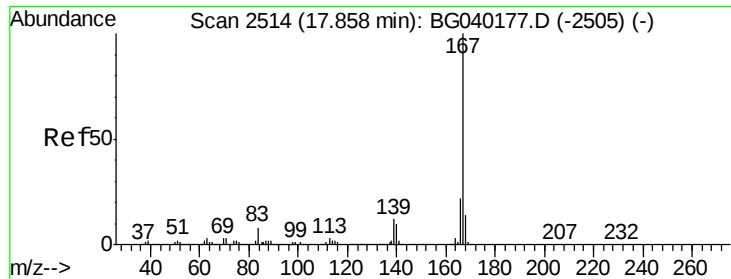
Sohil
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#72
Anthracene
Concen: 42.597 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion:178 Resp: 1055309
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.9 12.9 19.3





#73

Carbazole

Concen: 42.082 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

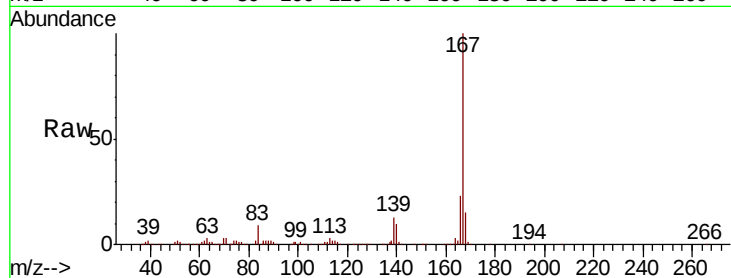
ClientSampleId :

SU-02-032719-AMS

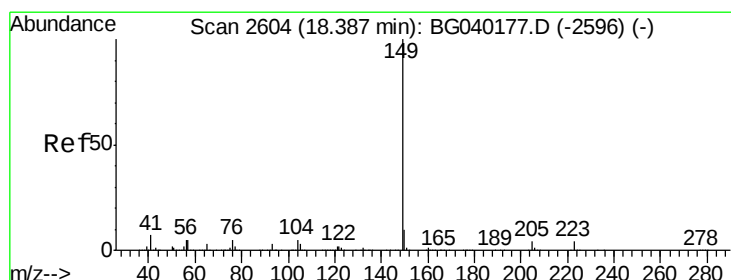
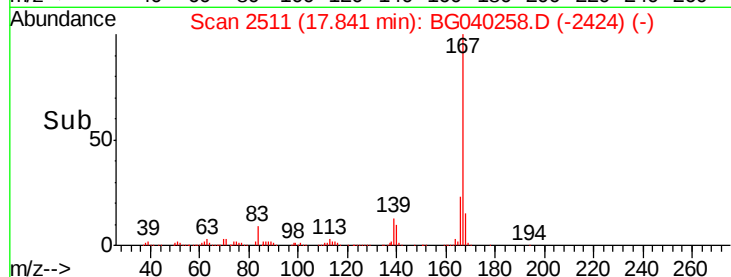
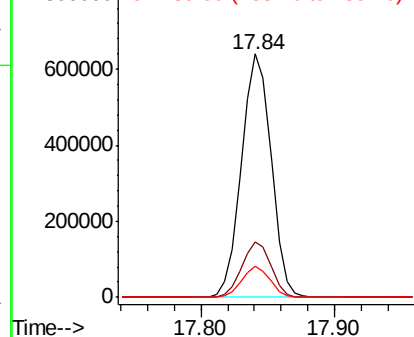
Tgt Ion:	167	Resp:	986666
Ion Ratio	Lower	Upper	
167	100		
166	22.8	17.5	26.3
139	12.7	10.0	15.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.523 ng

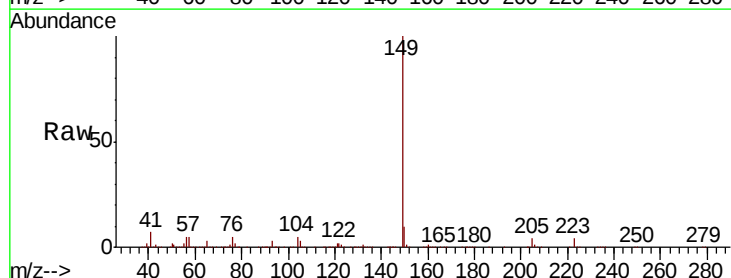
RT: 18.38 min Scan# 2602

Delta R.T. -0.01 min

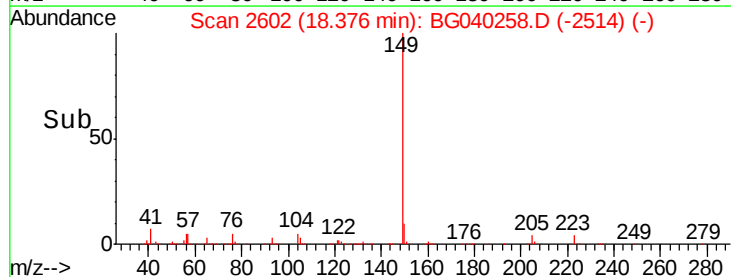
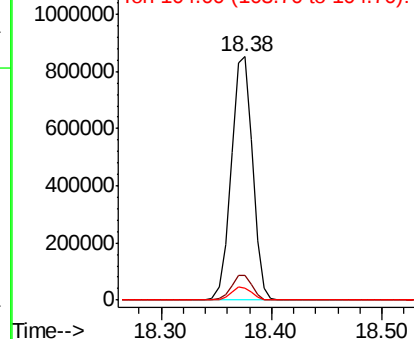
Lab File: BG040258.D

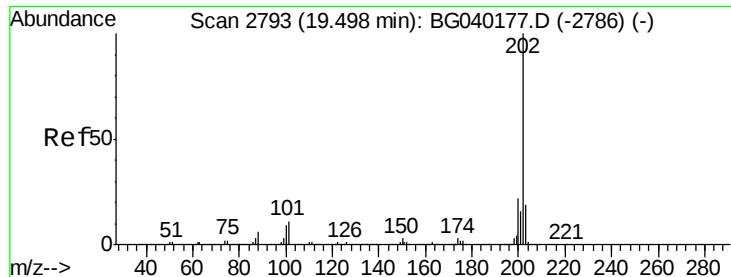
Acq: 30 Mar 2019 12:35

Tgt Ion:	149	Resp:	1154017
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.9	11.9
104	5.1	4.1	6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.296 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

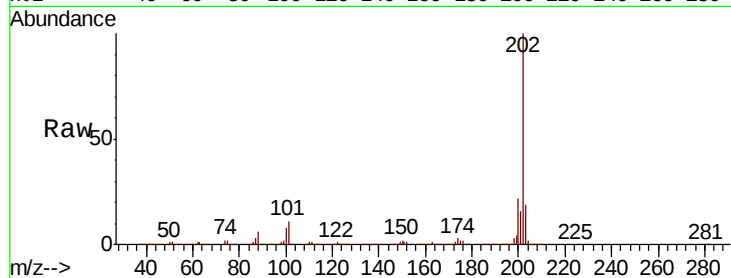
ClientSampleId :

SU-02-032719-AMS

Tgt	Ion	202	Resp:	1239659
Ion	Ratio	Lower	Upper	
202	100			
101	11.1	0.0	30.8	
203	18.9	0.0	38.9	

Manual Integrations
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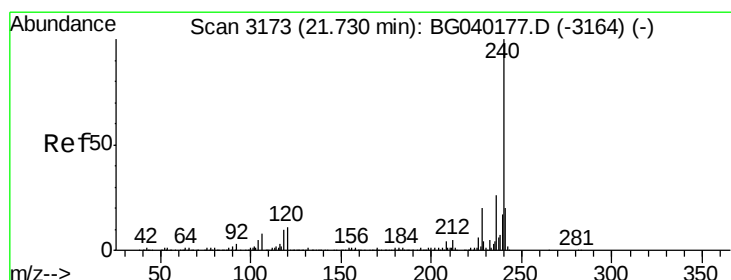
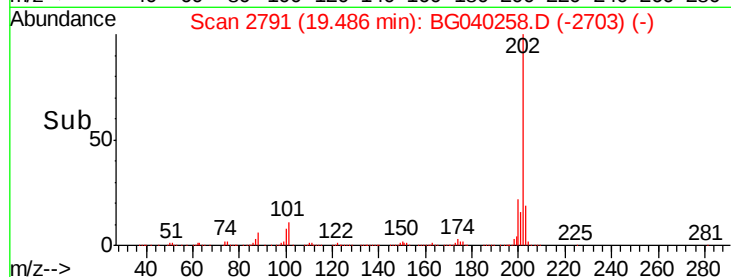
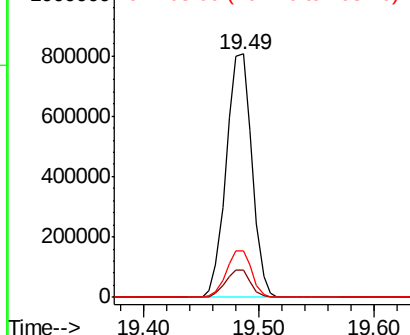


Abundance

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

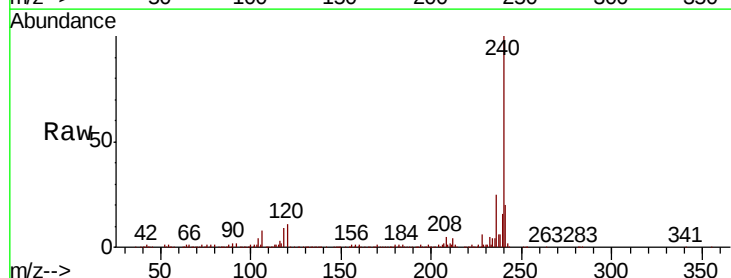
RT: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt	Ion	240	Resp:	468199
Ion	Ratio	Lower	Upper	
240	100			
120	10.6	8.4	12.6	
236	25.5	20.8	31.2	

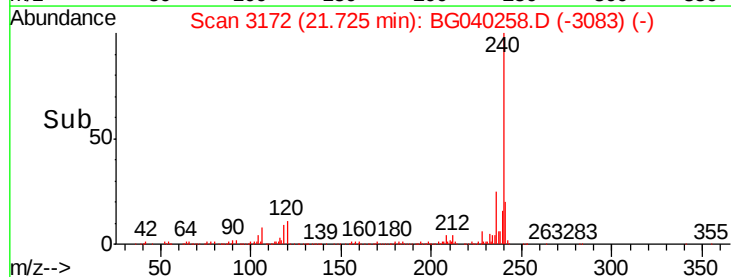
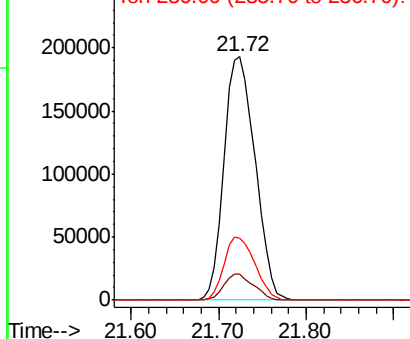


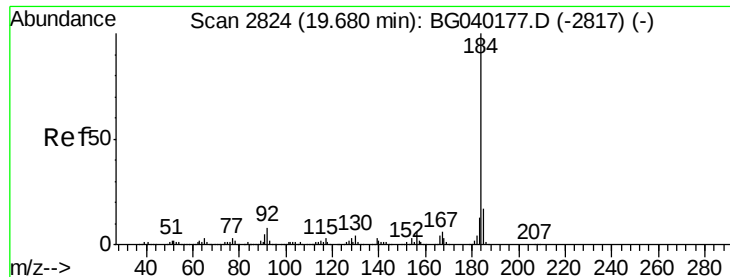
Abundance

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: 5.760 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

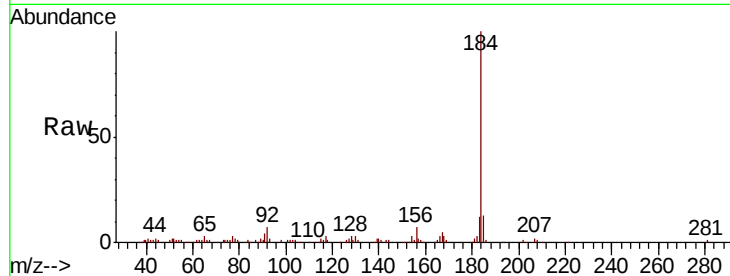
ClientSampleId :

SU-02-032719-AMS

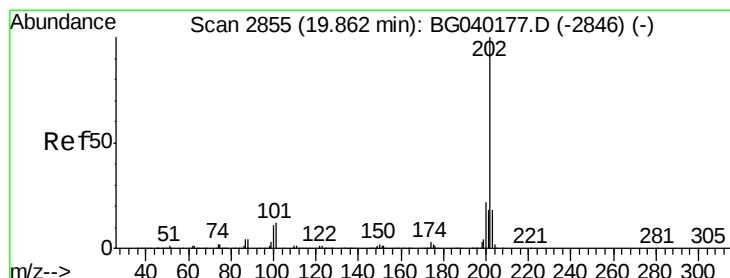
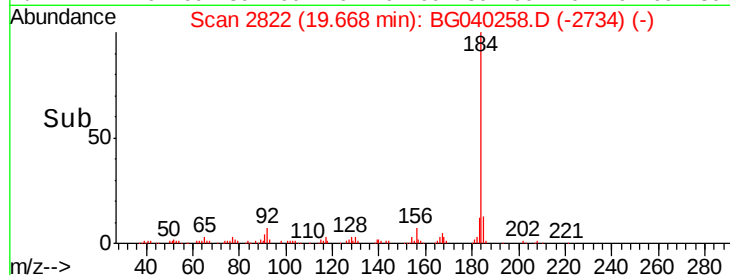
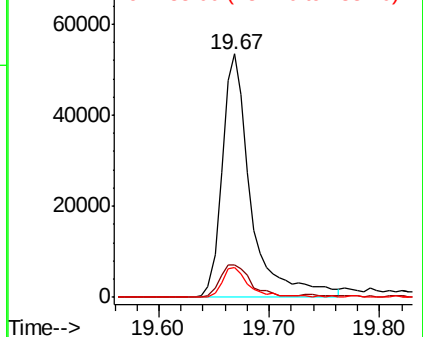
Tgt Ion:	184	Resp:	97379
Ion Ratio	Lower	Upper	
184	100		
185	13.3	13.3	19.9
183	12.3	10.3	15.5

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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: 40.620 ng

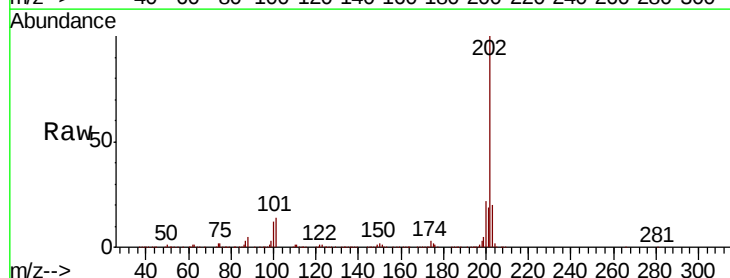
RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

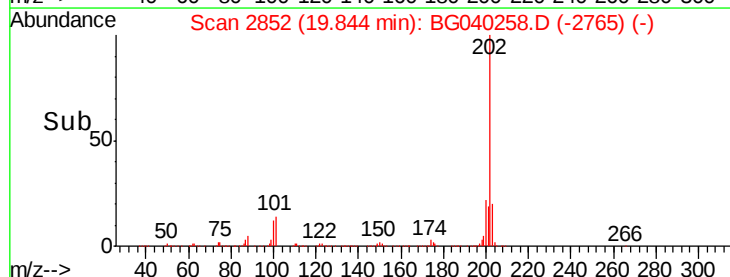
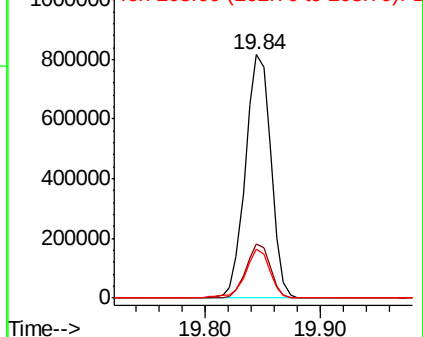
Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	202	Resp:	1250659
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.3	25.9
203	20.1	14.6	22.0



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





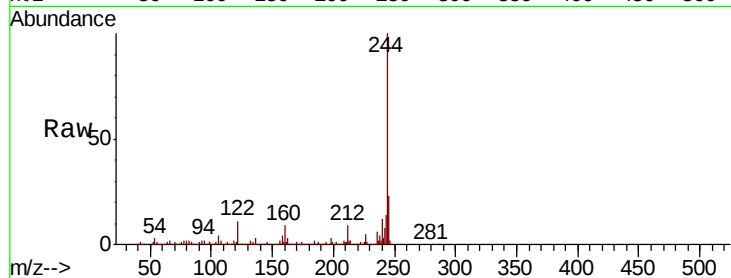
#79
 Terphenyl-d14
 Concen: 79.452 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

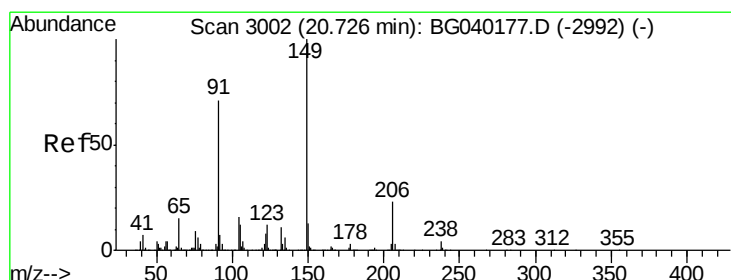
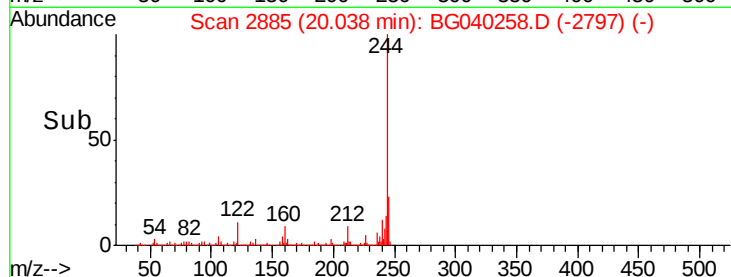
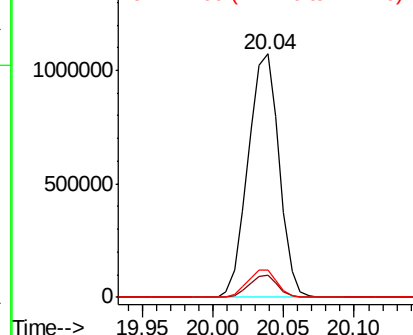
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	11.0	8.5	12.7

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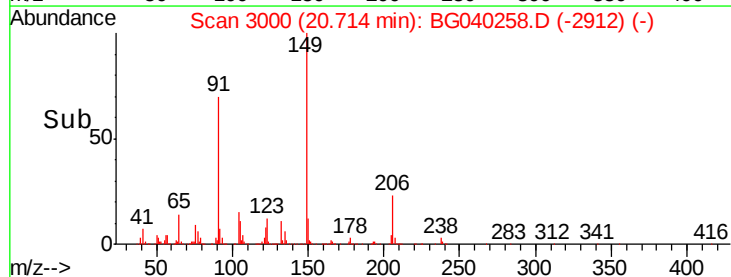
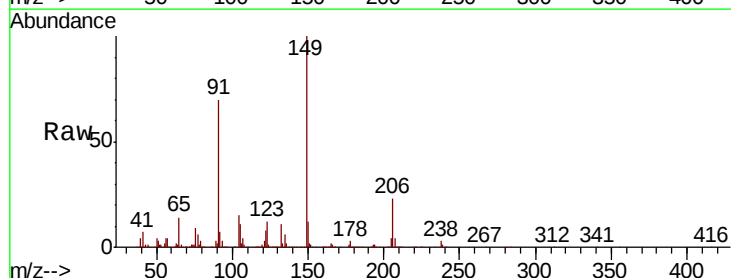
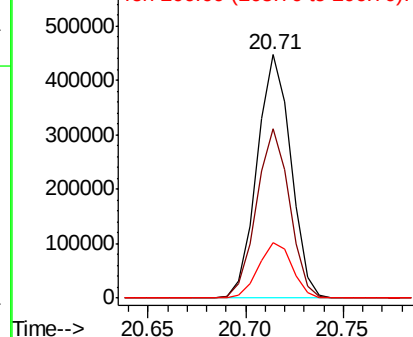
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

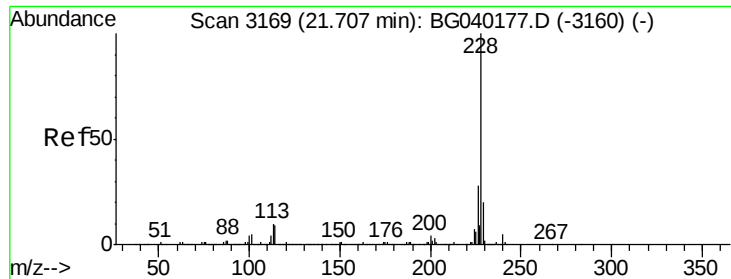


#80
 Butylbenzylphthalate
 Concen: 40.759 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.0	85.4
206	22.7	18.2	27.4

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





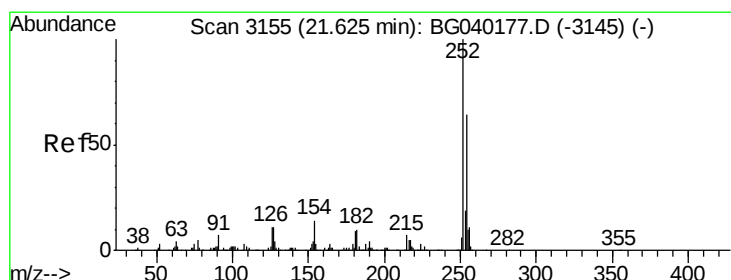
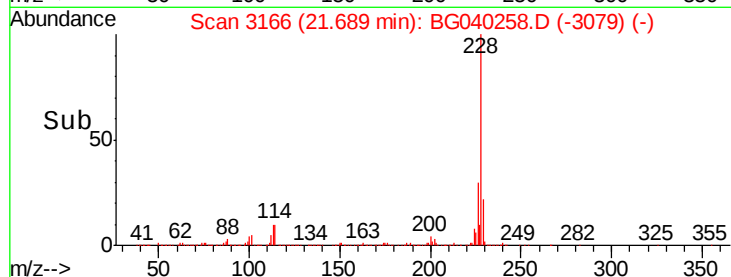
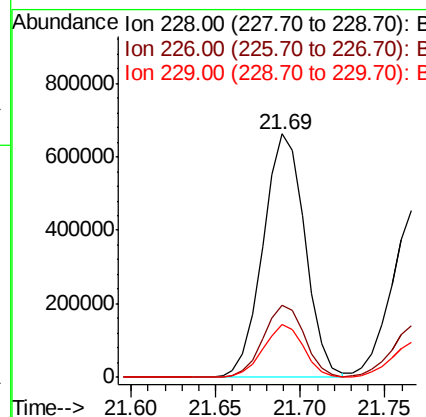
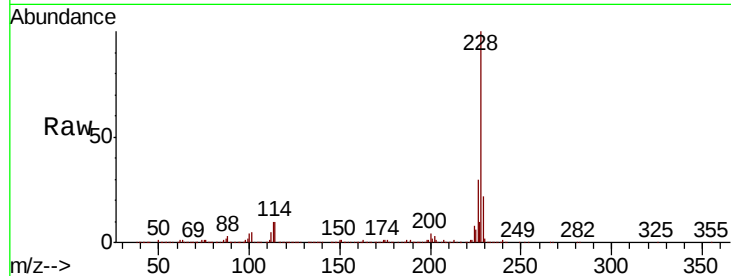
#81
Benzo(a)anthracene
Concen: 39.638 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	21.9	16.1	24.1

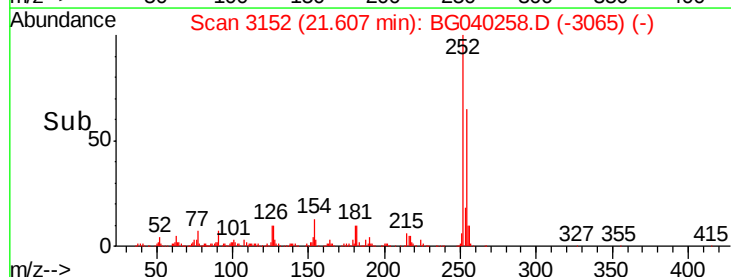
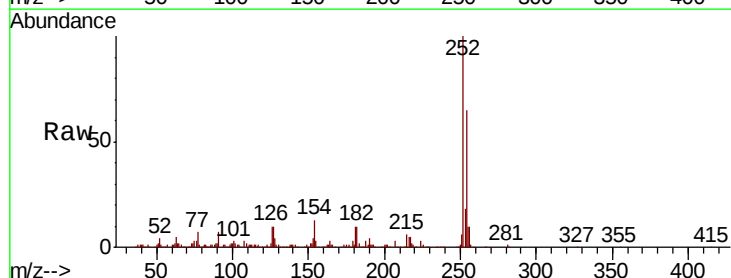
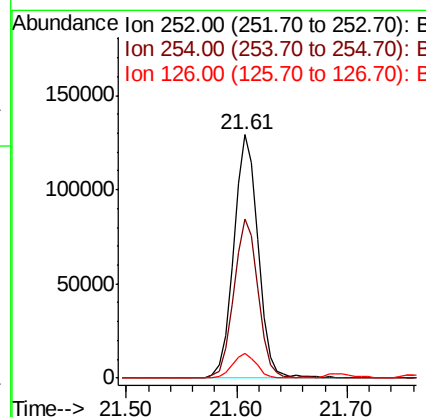
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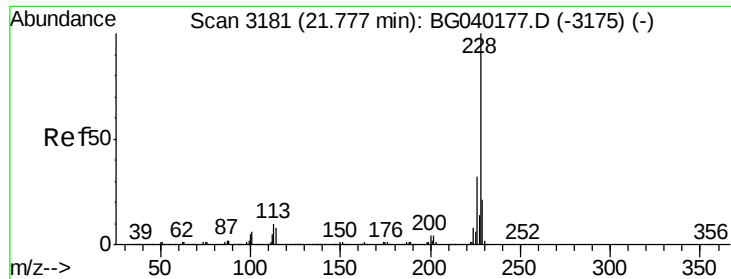
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#82
3,3'-Dichlorobenzidine
Concen: 18.239 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.2
126	10.1	8.5	12.7





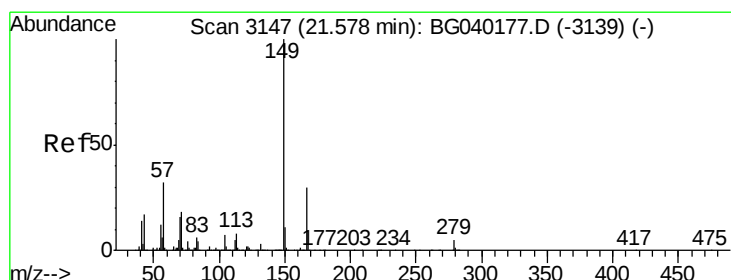
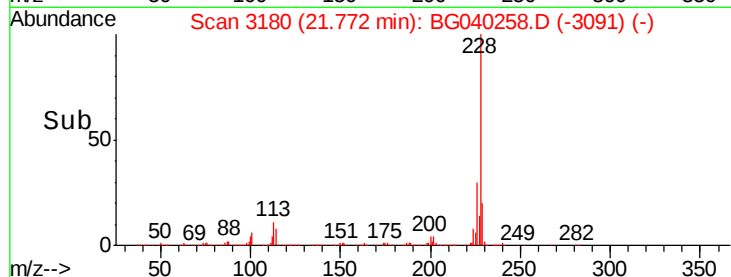
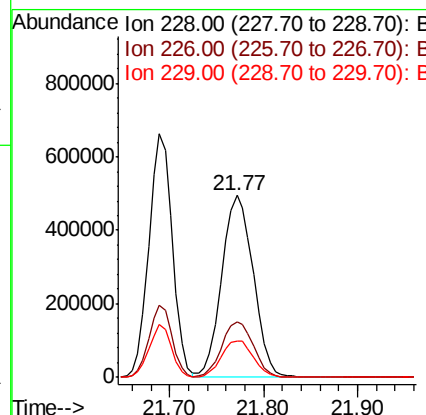
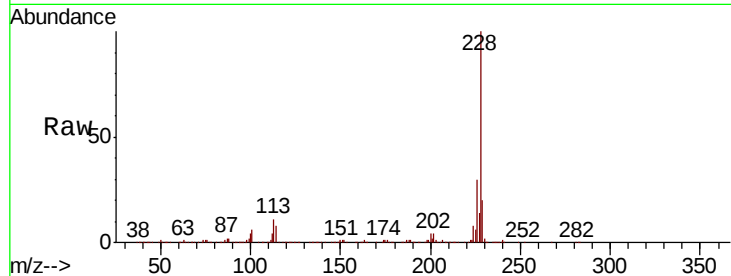
#83
 Chrysene
 Concen: 41.760 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	20.2	17.0	25.4

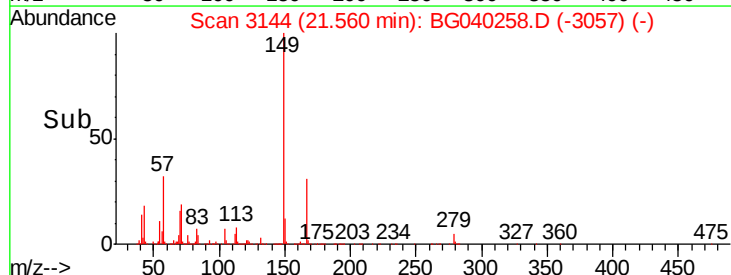
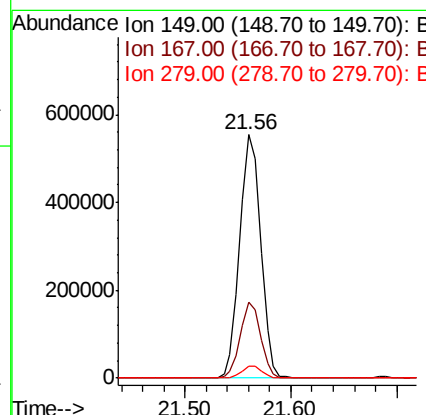
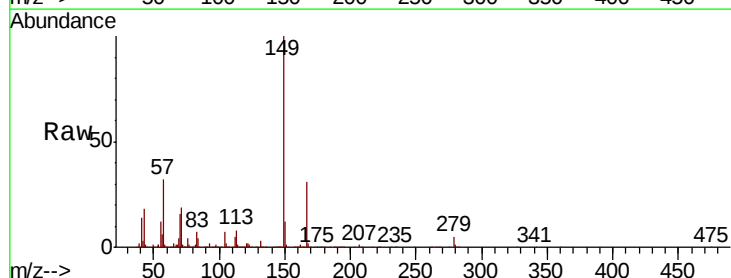
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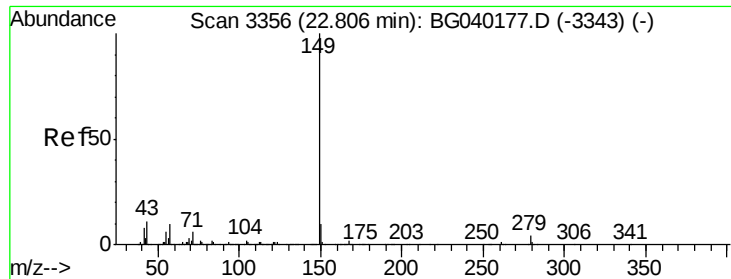
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.195 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG040258.D
 Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.1	36.1
279	5.1	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 40.377 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG040258.D

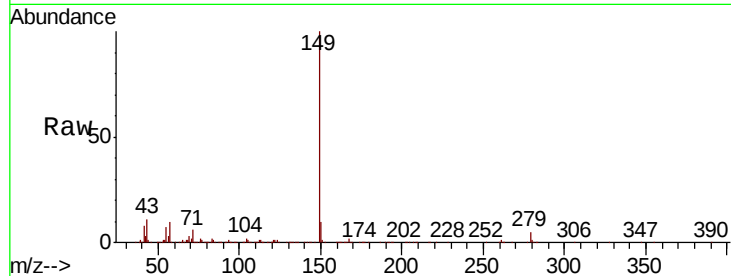
Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

ClientSampleId :

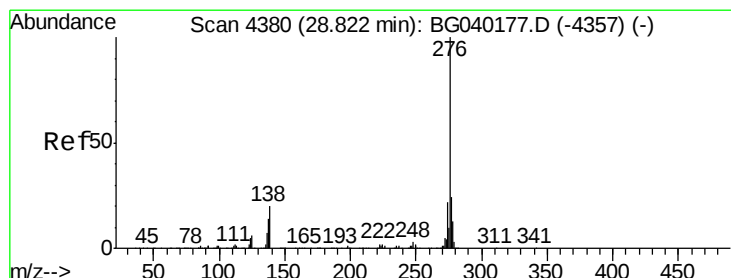
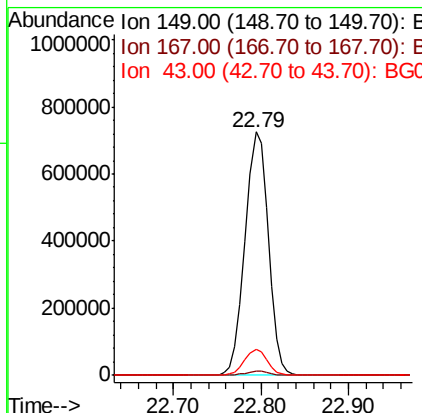
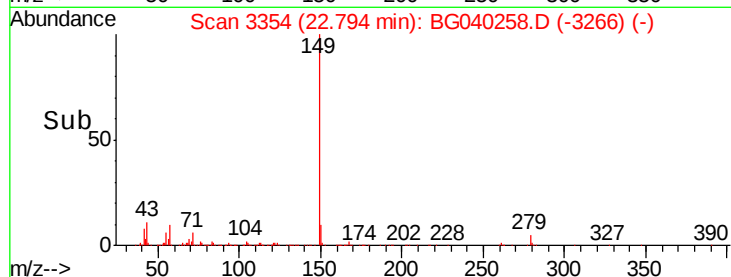
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.500 ng

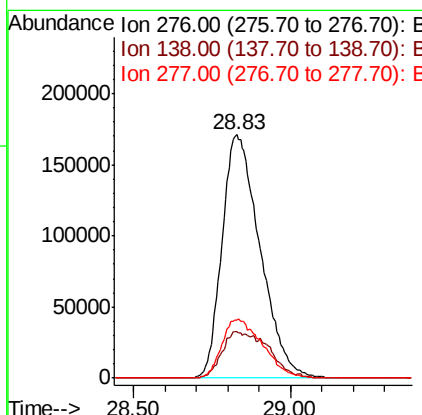
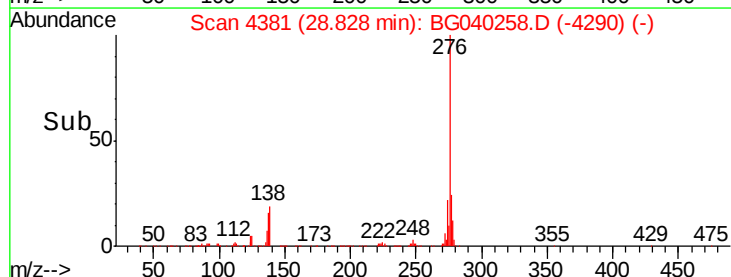
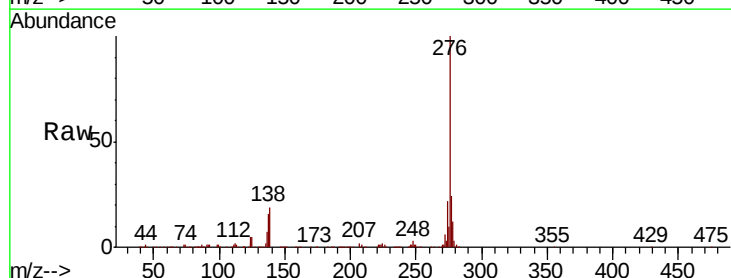
RT: 28.83 min Scan# 4381

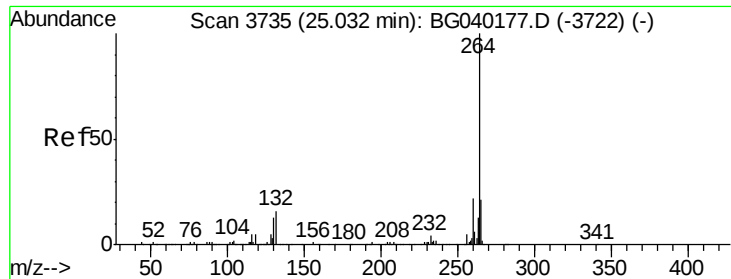
Delta R.T. 0.01 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.0	18.8	28.2#
277	26.0	21.0	31.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. 0.00 min

Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Instrument :

BNA_G

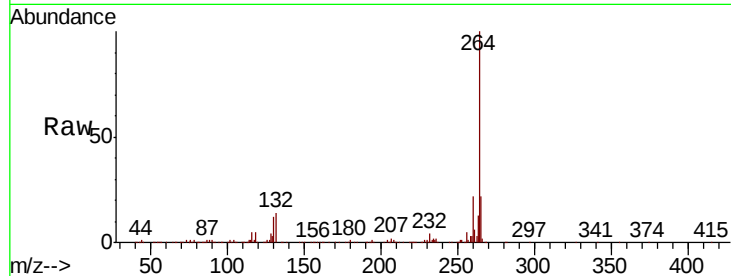
ClientSampleId :

SU-02-032719-AMS

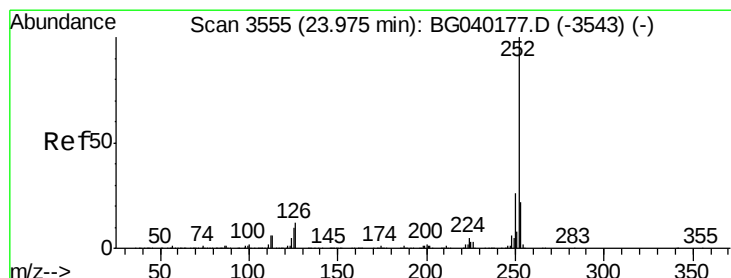
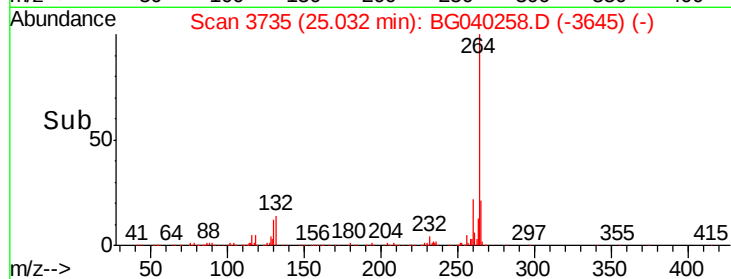
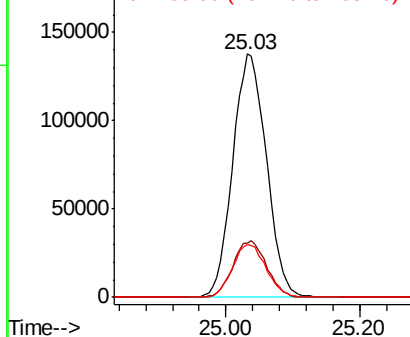
Tgt Ion:	264	Resp:	480885
Ion Ratio		Lower	Upper
264	100		
260	22.3	17.9	26.9
265	21.7	16.8	25.2

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



#88

Benzo(b)fluoranthene

Concen: 41.689 ng

RT: 23.96 min Scan# 3552

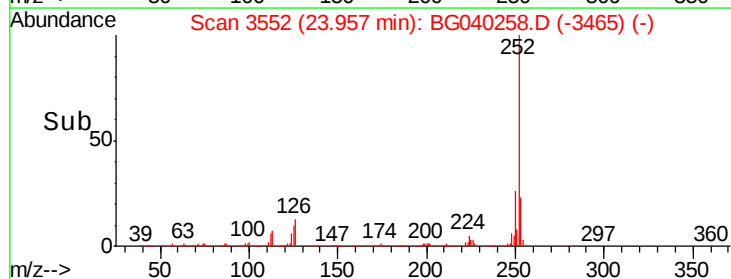
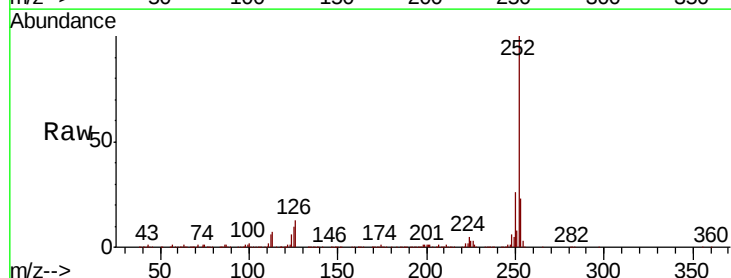
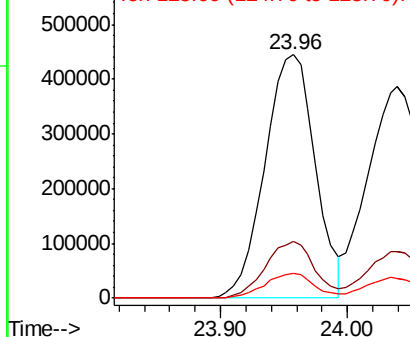
Delta R.T. -0.02 min

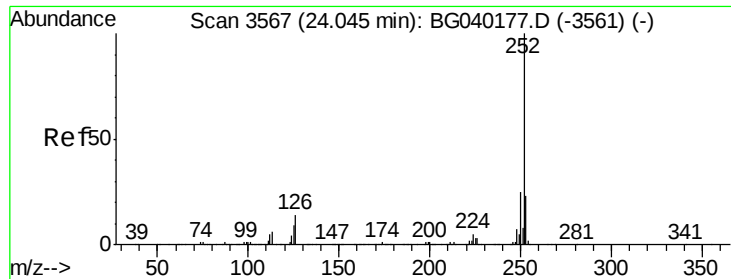
Lab File: BG040258.D

Acq: 30 Mar 2019 12:35

Tgt Ion:	252	Resp:	1227396
Ion Ratio		Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.3	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





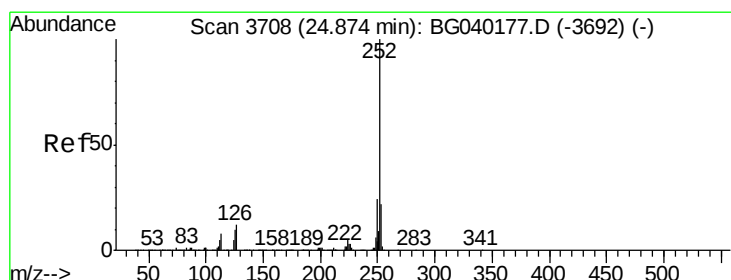
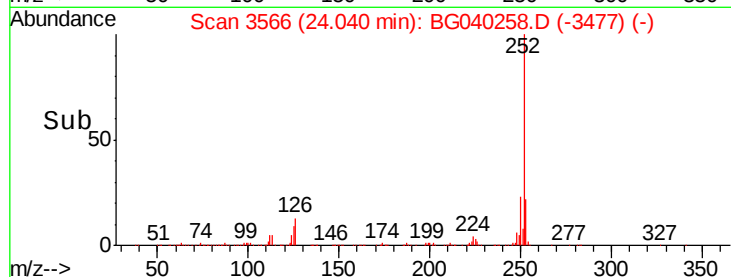
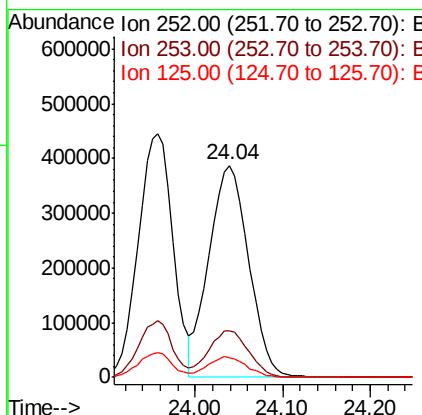
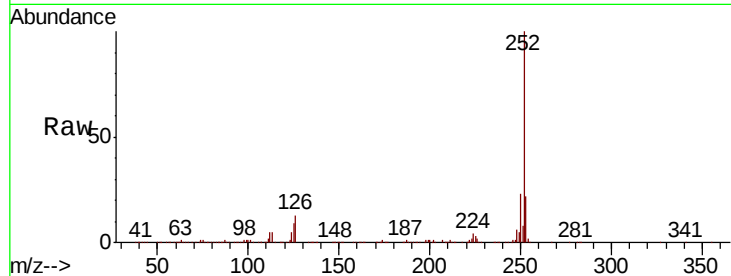
#89
Benzo(k)fluoranthene
Concen: 44.813 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	9.3	7.3	10.9

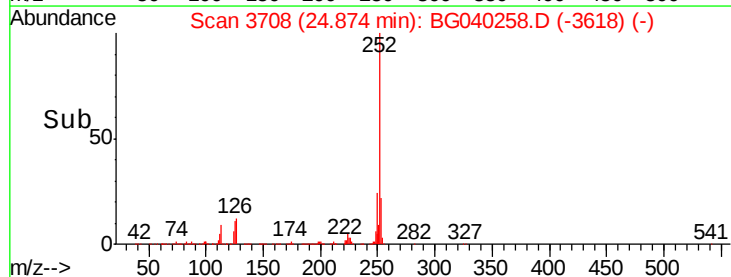
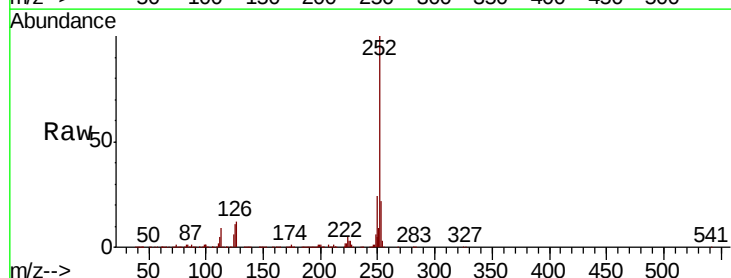
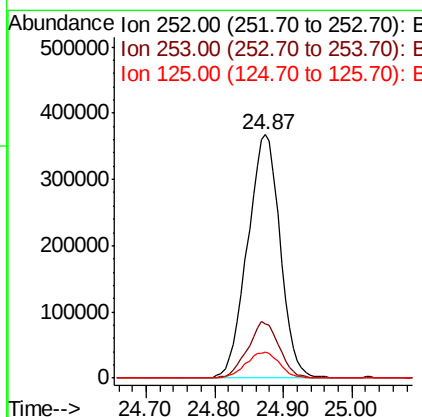
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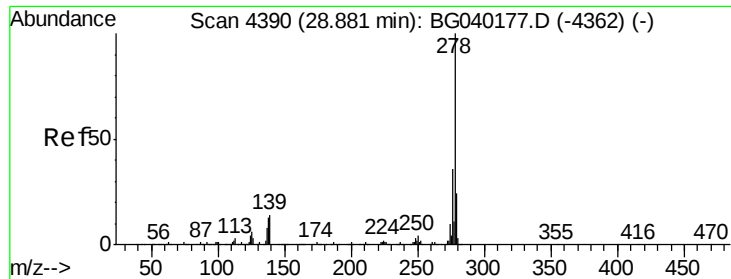
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#90
Benzo(a)pyrene
Concen: 44.039 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.6	8.3	12.5





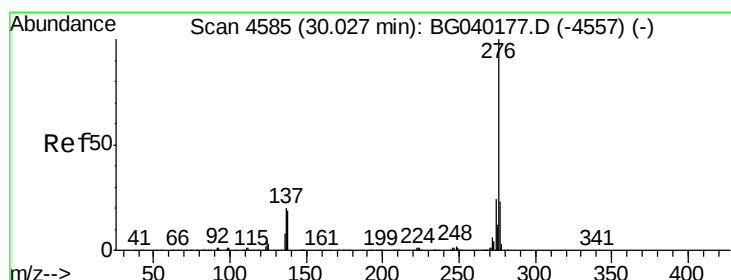
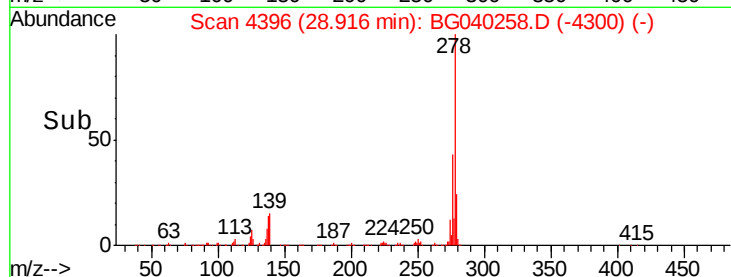
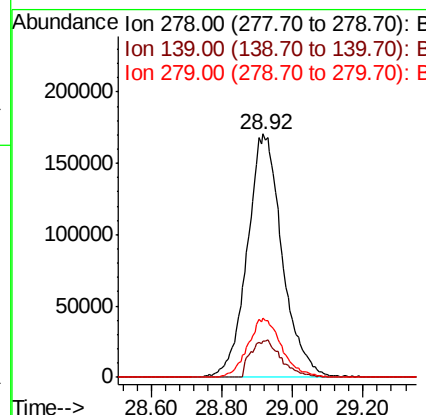
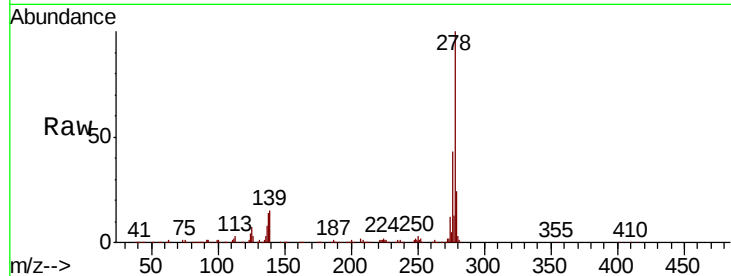
#91
Dibenzo(a,h)anthracene
Concen: 45.726 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.04 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.2	16.8
279	24.2	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/1/2019 10:06:15 AM



#92
Benzo(g,h,i)perylene
Concen: 45.571 ng
RT: 30.12 min Scan# 4601
Delta R.T. 0.09 min
Lab File: BG040258.D
Acq: 30 Mar 2019 12:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	19.0	15.2	22.8

