

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036456.D
 Acq On : 28 Aug 2018 8:21
 Operator : JU/SJ
 Sample : PB112355BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Manual Integrations
 APPROVED

Sohil
 8/28/2018 11:19:58 AM

Quant Time: Aug 28 09:40:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55273	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246083	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	161897	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	422812	20.00	ng	0.00
75) Chrysene-d12	21.70	240	444492	20.00	ng	0.00
86) Perylene-d12	24.92	264	468454	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	396272	113.73	ng	0.00
7) Phenol-d6	7.22	99	535864	107.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	300171	66.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	220220	114.00	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	729008	64.29	ng	-0.02
78) Terphenyl-d14	20.04	244	1286104	67.63	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	59871	36.818	ng	94
3) Pyridine	3.93	79	169451	37.124	ng	96
4) n-Nitrosodimethylamine	3.84	42	84080	41.357	ng	89
6) Aniline	7.38	93	188668	29.794	ng	97
8) 2-Chlorophenol	7.62	128	167771	44.400	ng	99
9) Benzaldehyde	7.20	77	106165	30.903	ng	94
10) Phenol	7.25	94	232794	44.591	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	158696	38.342	ng	97
12) 1,3-Dichlorobenzene	7.95	146	166817	38.663	ng	100
13) 1,4-Dichlorobenzene	8.10	146	171363	39.338	ng	98
14) 1,2-Dichlorobenzene	8.42	146	161517	38.824	ng	96
15) Benzyl Alcohol	8.30	79	164182	40.824	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	293894	35.210	ng	98
17) 2-Methylphenol	8.50	107	154305	44.512	ng	99
18) Hexachloroethane	9.15	117	61537	39.400	ng	88
19) n-Nitroso-di-n-propylamine	8.87	70	129703	34.787	ng	97
20) 3+4-Methylphenols	8.82	107	212855	43.980	ng	98
22) Acetophenone	8.88	105	252230	39.033	ng	99
24) Nitrobenzene	9.26	77	195894	40.054	ng	98
25) Isophorone	9.79	82	369203	40.977	ng	99
26) 2-Nitrophenol	9.98	139	86675	44.723	ng	94
27) 2,4-Dimethylphenol	10.03	122	171537	47.807	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	219072	39.617	ng	98
29) 2,4-Dichlorophenol	10.51	162	181821	46.237	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	182285	39.625	ng	99
31) Naphthalene	10.92	128	510962	41.537	ng	99
32) Benzoic acid	10.16	122	108814	41.567	ng	96
33) 4-Chloroaniline	11.02	127	136281	24.176	ng	98
34) Hexachlorobutadiene	11.21	225	119279	38.591	ng	94
35) Caprolactam	11.80	113	64854m	41.400	ng	
36) 4-Chloro-3-methylphenol	12.14	107	200098	43.792	ng	99
37) 2-Methylnaphthalene	12.52	142	391657	43.513	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	226165	39.475	ng	99
40) Hexachlorocyclopentadiene	12.86	237	261467	87.712	ng	98

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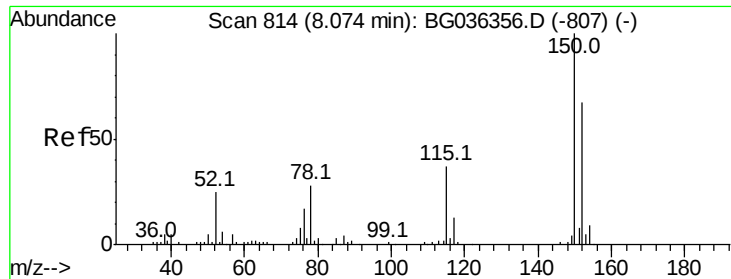
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	155499	44.555	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	172141	46.243	nq	99
45) 1,1'-Biphenyl	13.52	154	514184	38.261	nq	97
46) 2-Chloronaphthalene	13.56	162	393720	38.377	nq	98
47) 2-Nitroaniline	13.76	65	139162	43.196	nq	97
48) Acenaphthylene	14.41	152	671045	41.852	nq	99
49) Dimethylphthalate	14.14	163	528881	40.007	nq	98
50) 2,6-Dinitrotoluene	14.26	165	117415	43.163	nq	94
51) Acenaphthene	14.75	154	419728	40.875	nq	98
52) 3-Nitroaniline	14.59	138	98278	33.525	nq	99
53) 2,4-Dinitrophenol	14.79	184	58813	57.079	nq	98
54) Dibenzofuran	15.09	168	632604	39.322	nq	100
55) 4-Nitrophenol	14.89	139	207355	86.512	nq	96
56) 2,4-Dinitrotoluene	15.04	165	165885	46.790	nq	88
57) Fluorene	15.73	166	510666	42.462	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	170033	48.616	nq	97
59) Diethylphthalate	15.50	149	526652	39.530	nq	99
60) 4-Chlorophenyl-phenylether	15.73	204	289799	39.023	nq	98
61) 4-Nitroaniline	15.75	138	134133	43.726	nq	98
62) Azobenzene	16.02	77	524845	38.718	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	63589	34.237	nq	96
65) n-Nitrosodiphenylamine	15.94	169	474954	37.805	nq	96
66) 4-Bromophenyl-phenylether	16.62	248	192481	38.883	nq	98
67) Hexachlorobenzene	16.74	284	191515	37.835	nq	97
68) Atrazine	16.89	200	200991	42.623	nq	98
69) Pentachlorophenol	17.08	266	235089	68.336	nq	98
70) Phenanthrene	17.48	178	883585	41.127	nq	98
71) Anthracene	17.57	178	905098	42.263	nq	99
72) Carbazole	17.83	167	815618	38.134	nq	99
73) Di-n-butylphthalate	18.39	149	939138	39.432	nq	100
74) Fluoranthene	19.48	202	1115562	42.589	nq	99
76) Benzidine	19.66	184	542942	38.286	nq	99
77) Pyrene	19.84	202	1105061	40.429	nq	99
79) Butylbenzylphthalate	20.73	149	440097	40.458	nq	95
80) Benzo(a)anthracene	21.68	228	1117929	41.515	nq	100
81) 3,3'-Dichlorobenzidine	21.59	252	264222	24.620	nq	99
82) Chrysene	21.75	228	1028091	40.279	nq	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	605366	39.769	nq	98
84) Di-n-octyl phthalate	22.81	149	1033647	40.654	nq	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1293330	43.626	nq	99
87) Benzo(b)fluoranthene	23.89	252	1113815	42.817	nq	96
88) Benzo(k)fluoranthene	23.96	252	1073252	42.231	nq	99
89) Benzo(a)pyrene	24.76	252	1094214	43.774	nq	99
90) Dibenzo(a,h)anthracene	28.65	278	1040818	43.130	nq	97
91) Benzo(g,h,i)perylene	29.72	276	1079612	44.519	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

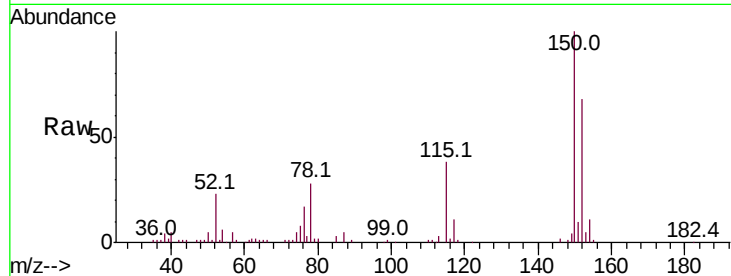
ClientSampleId :

PB112355BS

Tot Ion:	152	Resp:	55273
Ion Ratio	Lower	Upper	
152	100		
150	146.8	119.5	179.3
115	55.2	44.5	66.7

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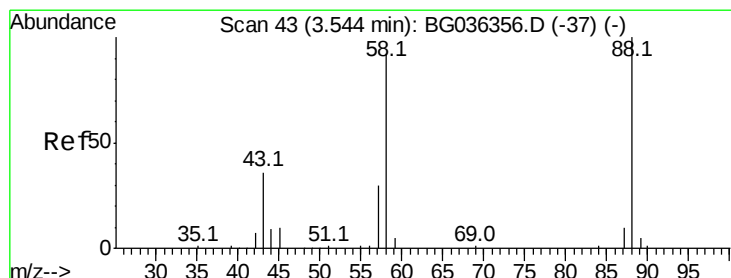
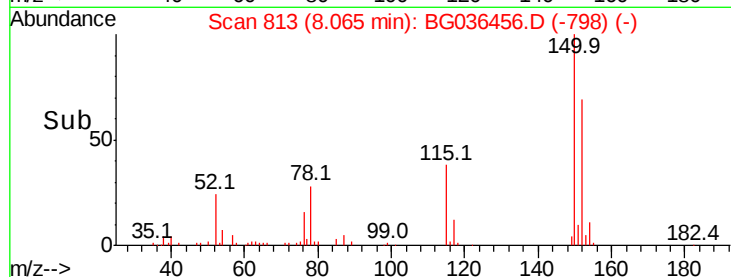
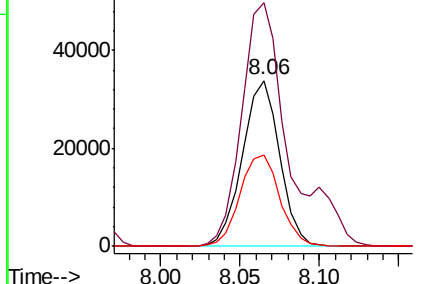
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.818 ng

RT: 3.53 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG036456.D

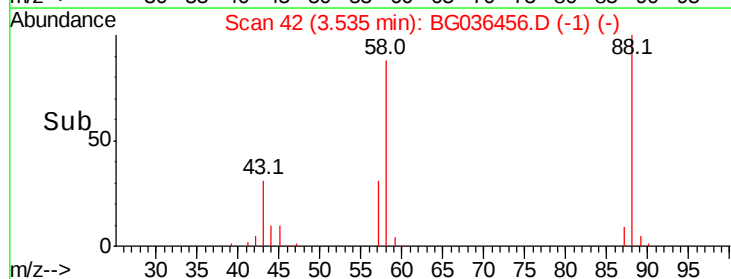
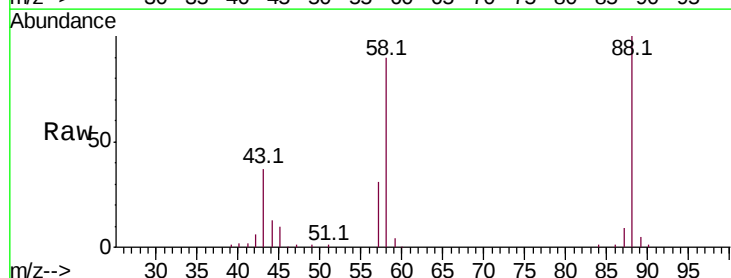
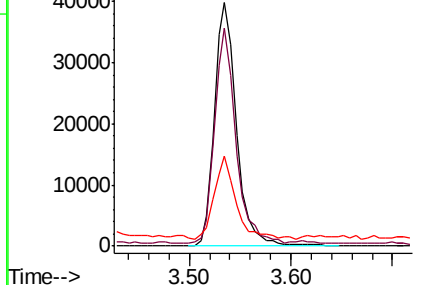
Acq: 28 Aug 2018 8:21

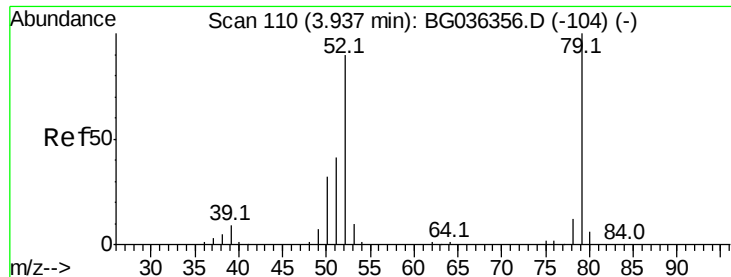
Tgt Ion:	88	Resp:	59871
Ion Ratio	Lower	Upper	
88	100		
58	84.9	72.6	109.0
43	33.7	29.0	43.4

Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.124 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

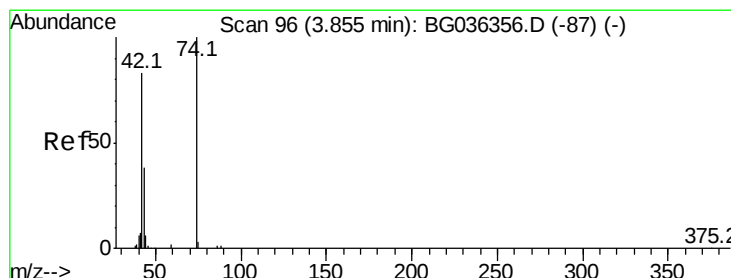
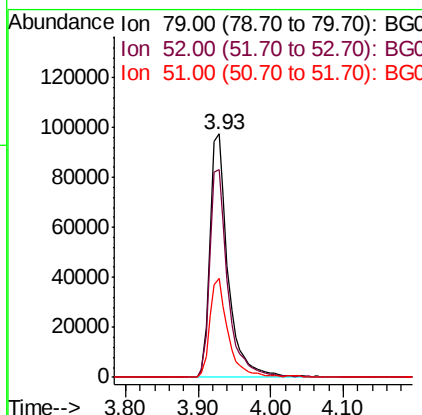
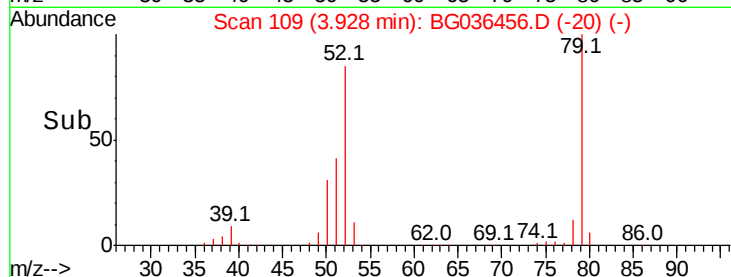
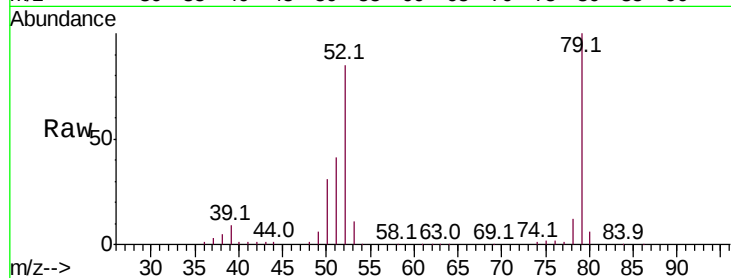
ClientSampleId :

PB112355BS

Tot Ion:	79	Resp:	169451
Ion Ratio	Lower	Upper	
79	100		
52	85.4	72.3	108.5
51	40.9	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 41.357 ng

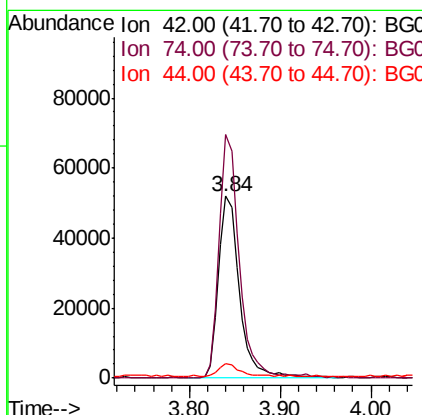
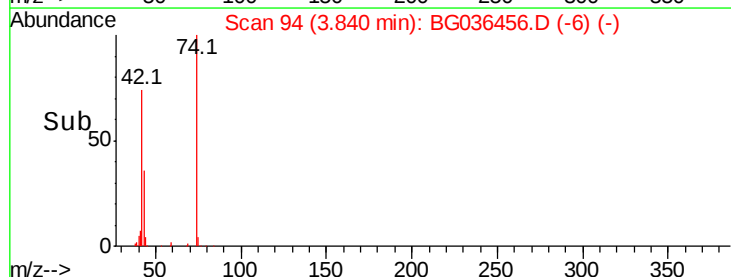
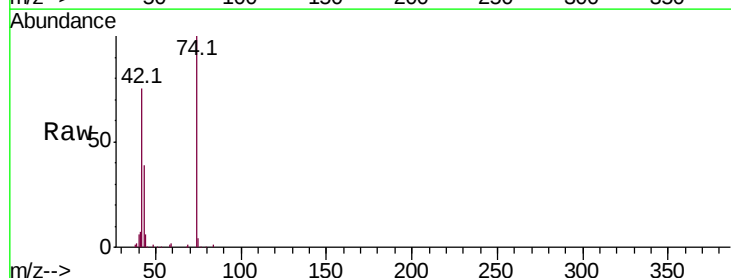
RT: 3.84 min Scan# 94

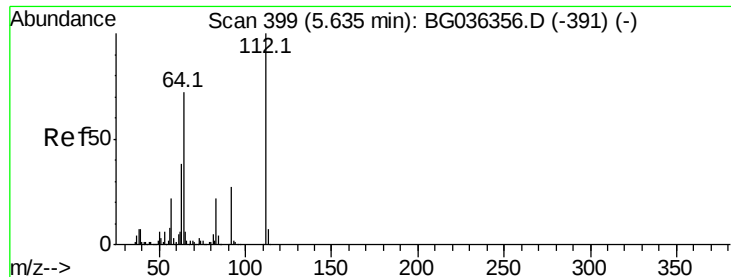
Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:	42	Resp:	84080
Ion Ratio	Lower	Upper	
42	100		
74	134.0	96.6	145.0
44	7.9	7.0	10.4





#5

2-Fluorophenol

Concen: 113.727 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

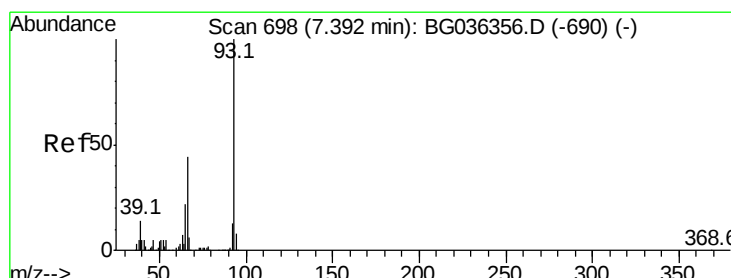
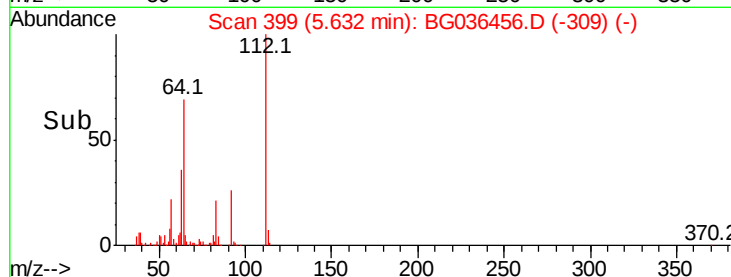
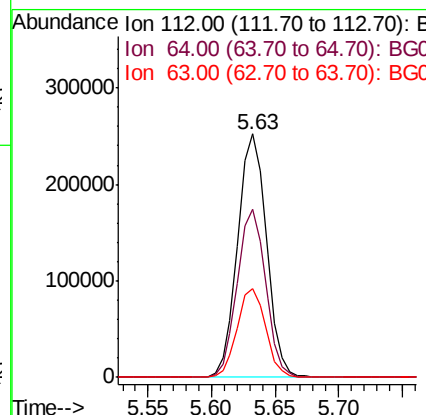
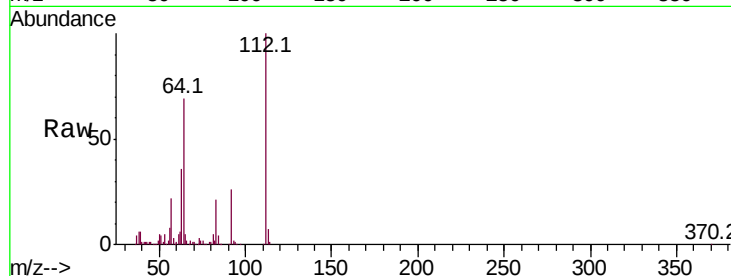
ClientSampleId :

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Tot Ion:	112	Resp:	396272
Ion Ratio	Lower	Upper	
112	100		
64	69.3	57.2	85.8
63	36.4	30.8	46.2

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#6

Aniline

Concen: 29.794 ng

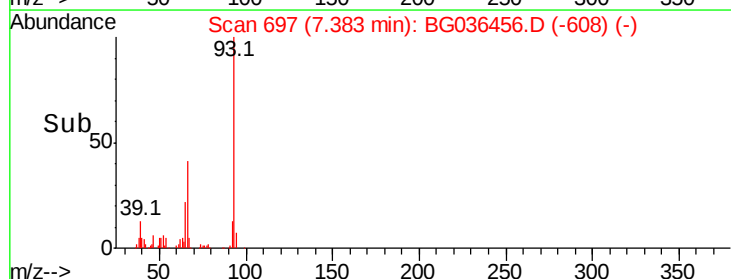
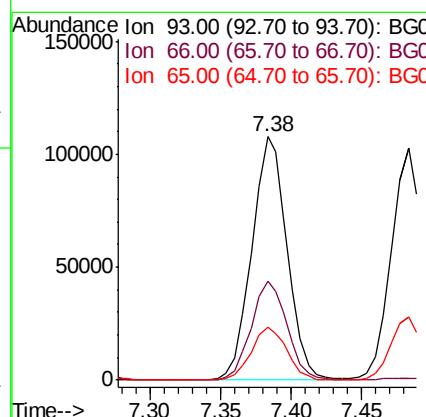
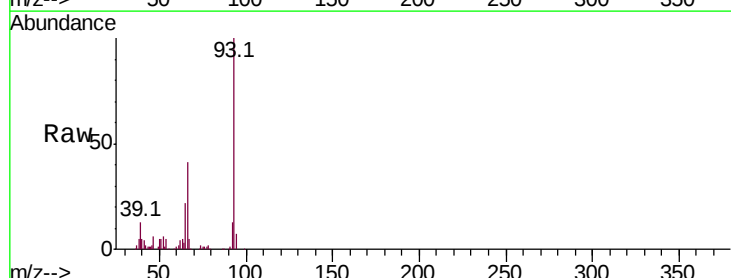
RT: 7.38 min Scan# 697

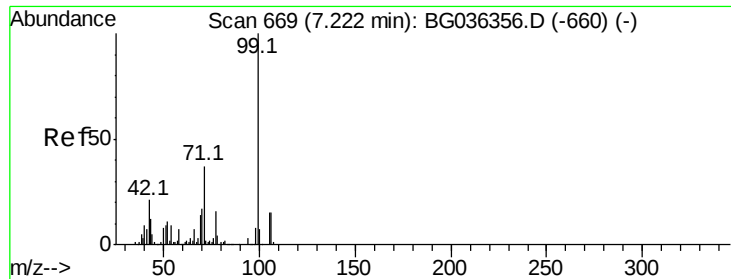
Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:	93	Resp:	188668
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.0	52.4
65	21.9	17.6	26.4





#7

Phenol-d6

Concen: 107.413 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

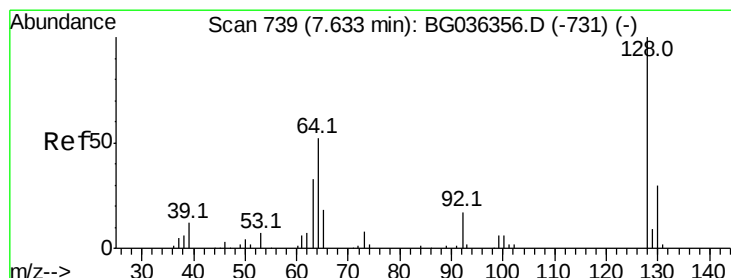
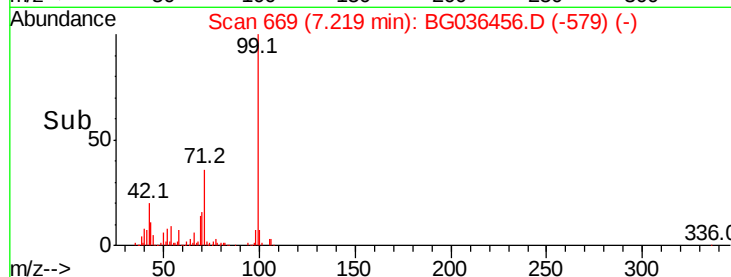
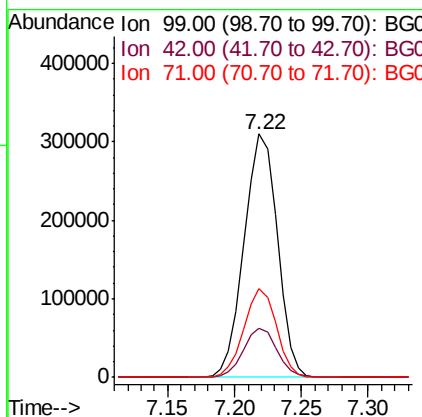
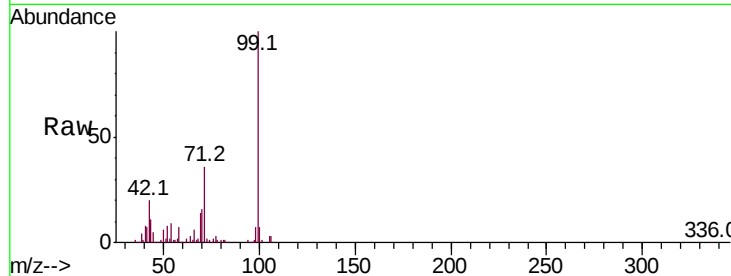
ClientSampleId :

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Tot Ion	99	Resp	535864
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.5	24.7
71	36.4	29.4	44.2

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#8

2-Chlorophenol

Concen: 44.400 ng

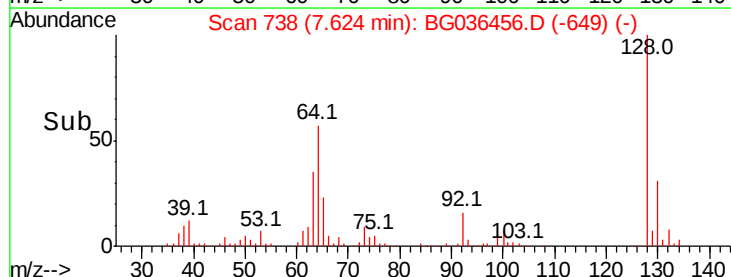
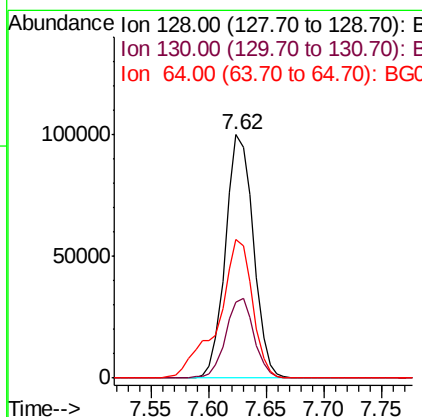
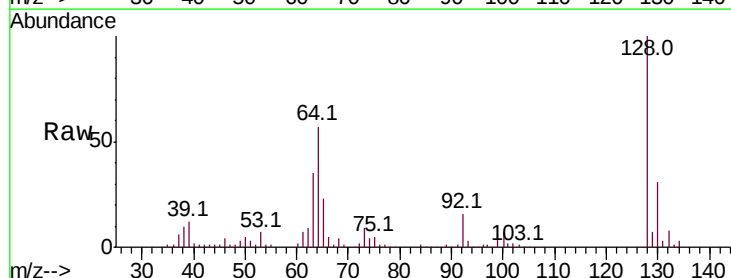
RT: 7.62 min Scan# 738

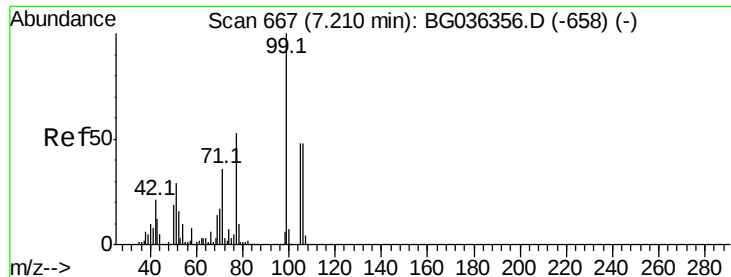
Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion	128	Resp	167771
Ion Ratio	Lower	Upper	
128	100		
130	31.0	10.0	50.0
64	56.9	36.0	76.0





#9

Benzaldehyde

Concen: 30.903 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

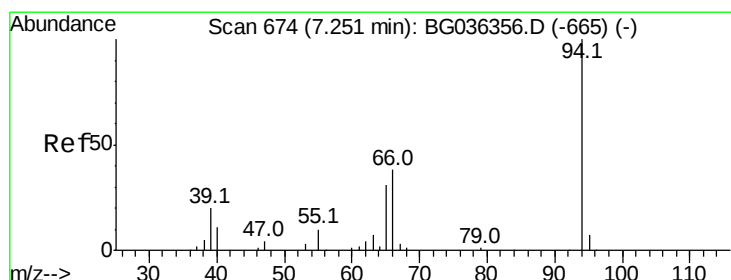
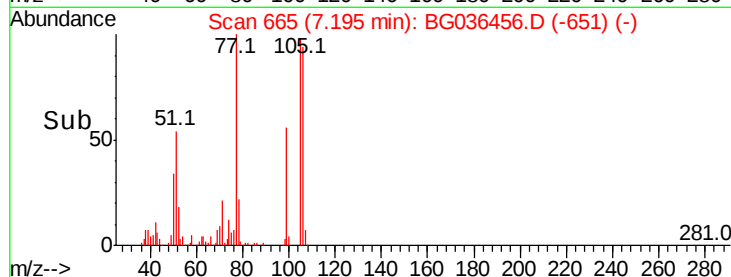
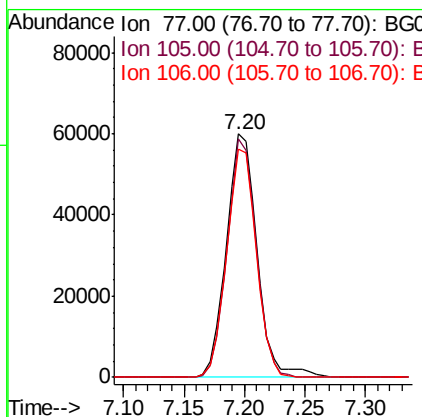
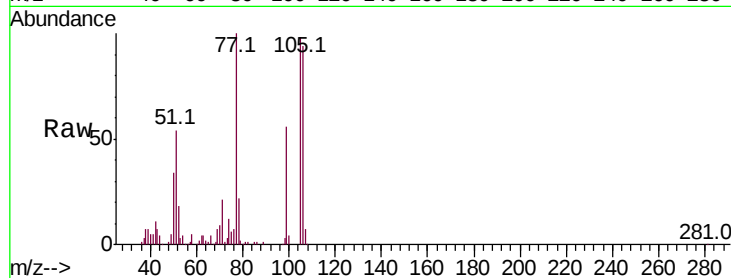
ClientSampleId :

PB112355BS

Tot Ion:	77	Resp:	106165
Ion	Ratio	Lower	Upper
77	100		
105	97.9	70.5	110.5
106	93.9	69.8	109.8

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#10

Phenol

Concen: 44.591 ng

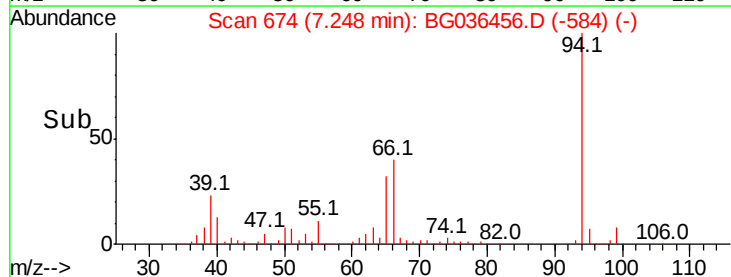
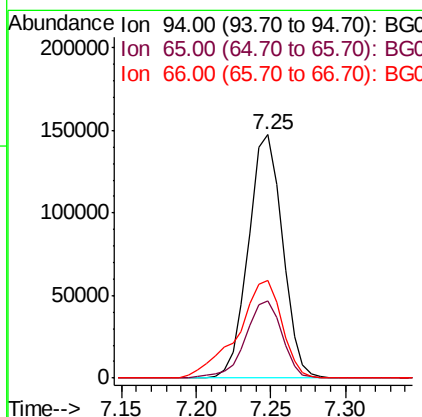
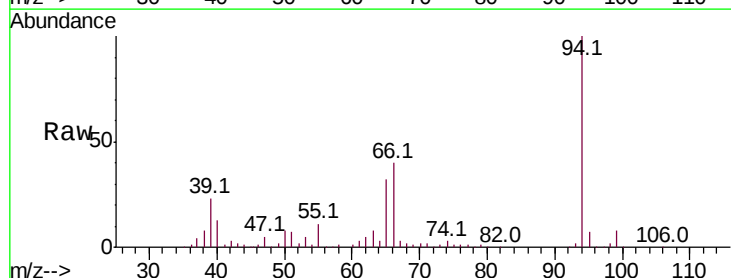
RT: 7.25 min Scan# 674

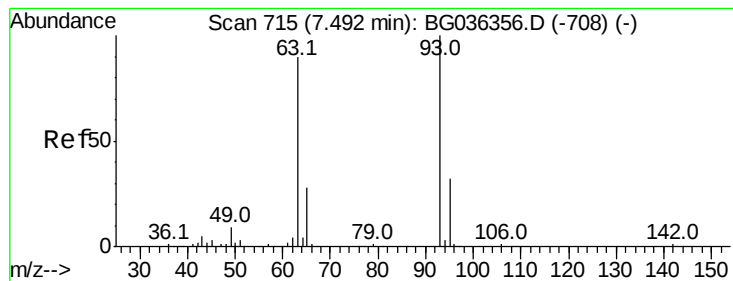
Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:	94	Resp:	232794
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.5	51.5
66	40.3	19.5	59.5





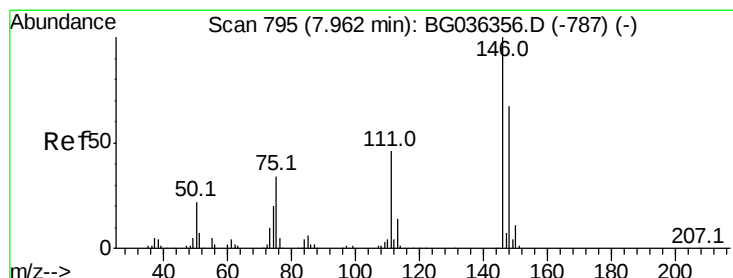
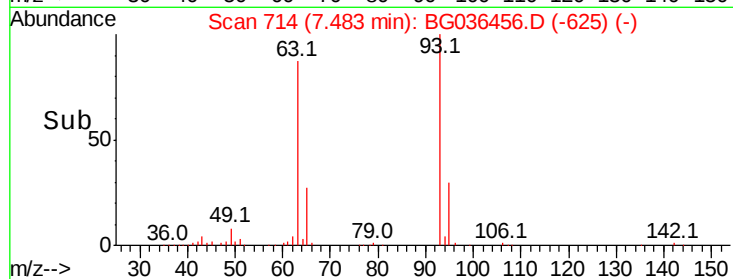
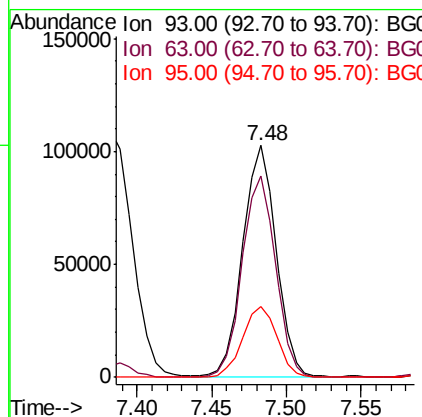
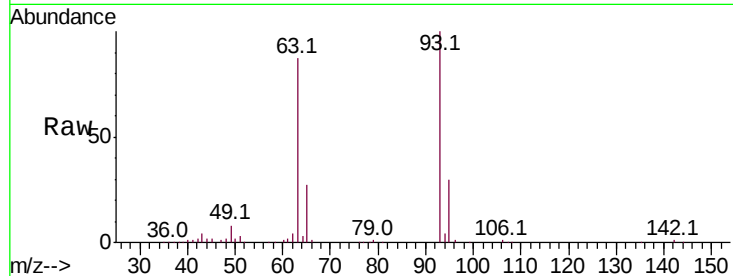
#11
bis(2-Chloroethyl)ether
Concen: 38.342 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	86.9	69.9	109.9	
95	30.4	11.7	51.7	

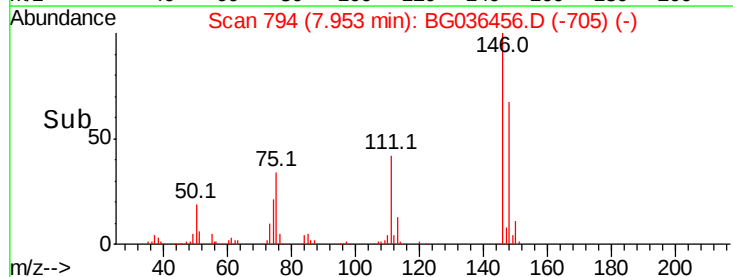
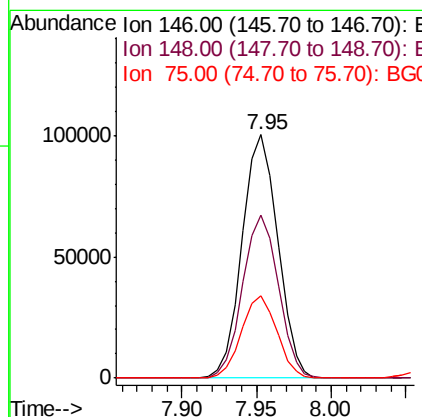
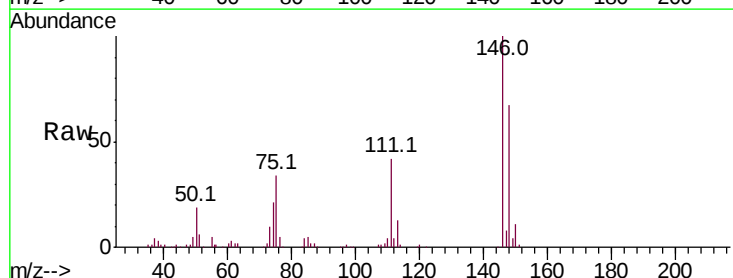
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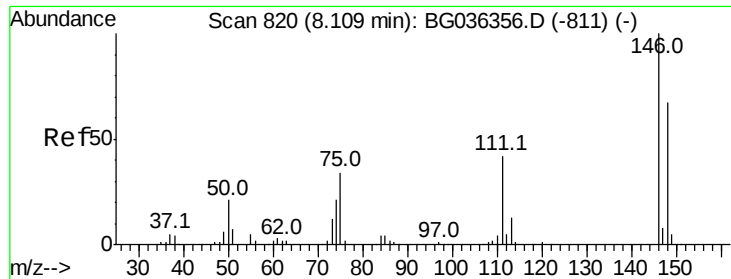
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#12
1,3-Dichlorobenzene
Concen: 38.663 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	67.0	53.8	80.6	
75	33.8	27.2	40.8	





#13

1,4-Dichlorobenzene

Concen: 39.338 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

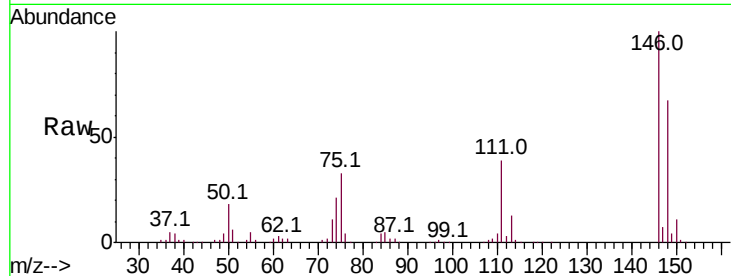
ClientSampleId :

PB112355BS

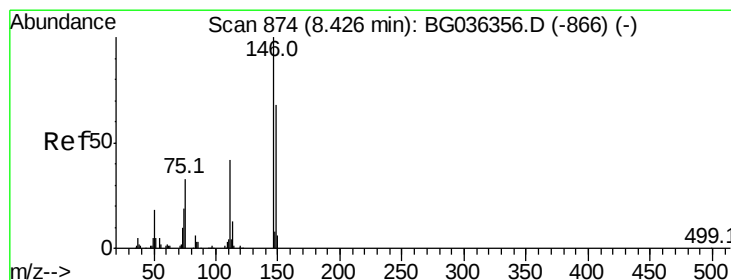
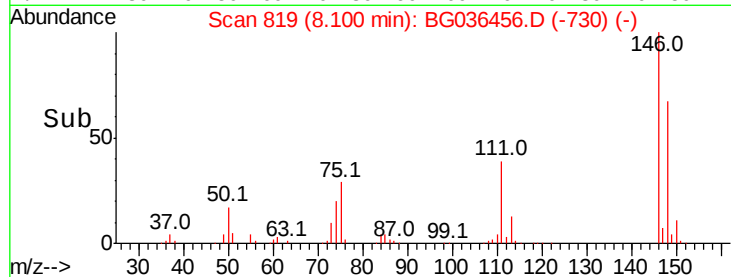
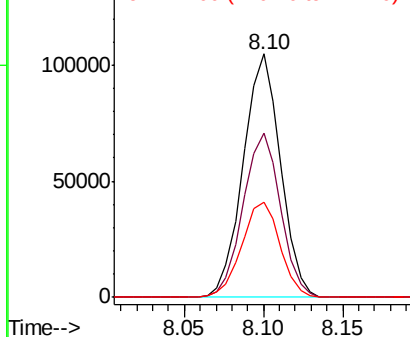
Tot Ion:	146	Resp:	171363
Ion Ratio	Lower	Upper	
146	100		
148	67.5	53.9	80.9
111	39.1	33.8	50.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.824 ng

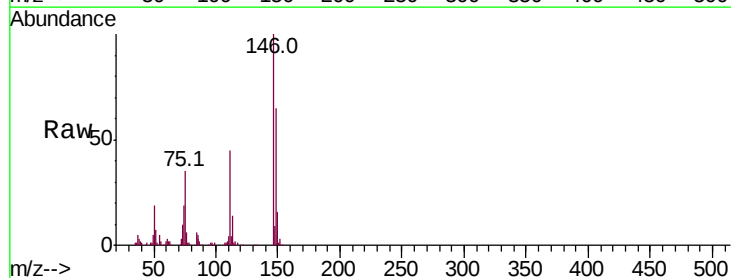
RT: 8.42 min Scan# 873

Delta R.T. -0.01 min

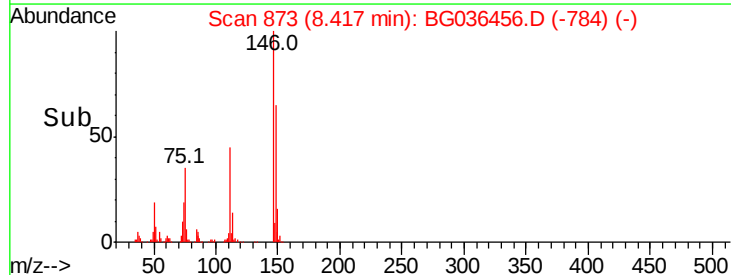
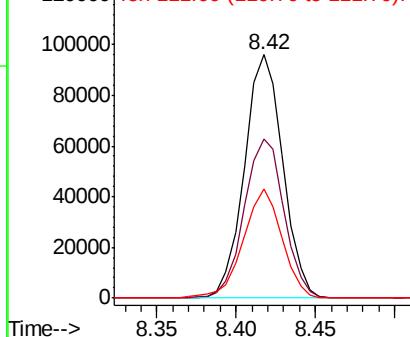
Lab File: BG036456.D

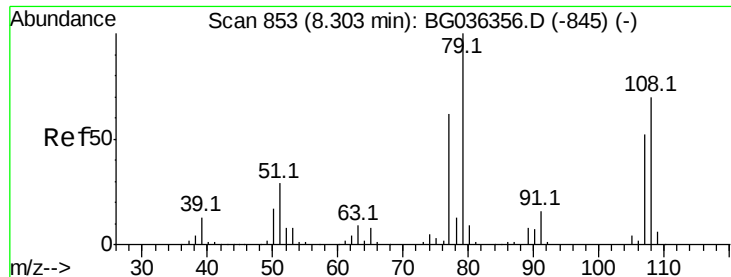
Acq: 28 Aug 2018 8:21

Tgt Ion:	146	Resp:	161517
Ion Ratio	Lower	Upper	
146	100		
148	65.2	55.0	82.6
111	44.6	34.6	51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.824 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

PB112355BS

Tot Ion: 79 Resp: 164182

Ion Ratio Lower Upper

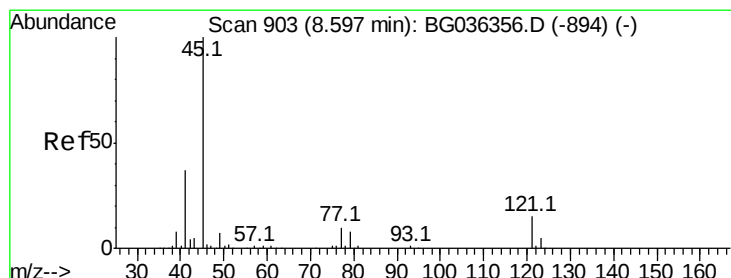
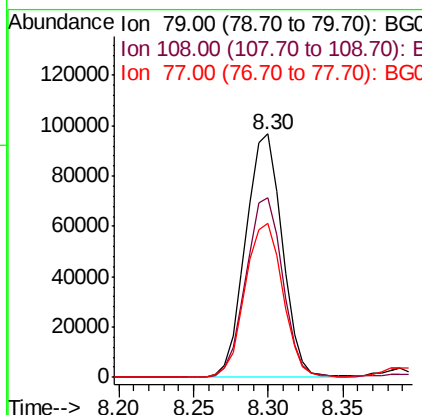
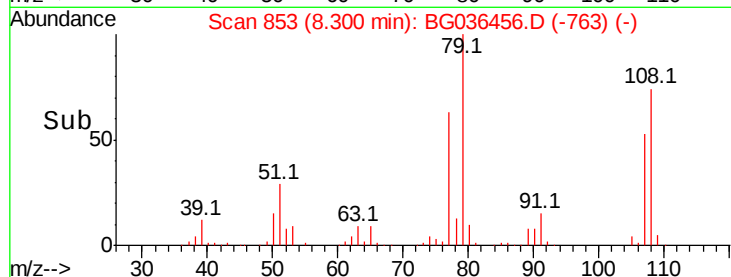
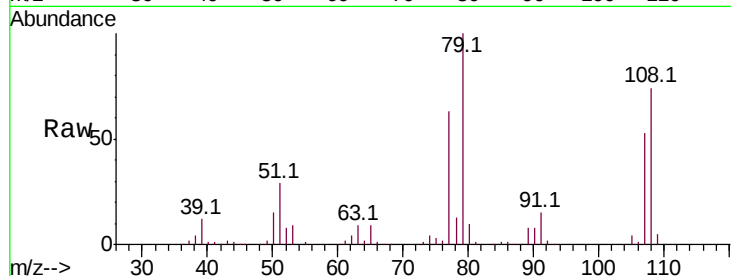
79 100

108 73.9 55.9 83.9

77 63.2 50.0 75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.210 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

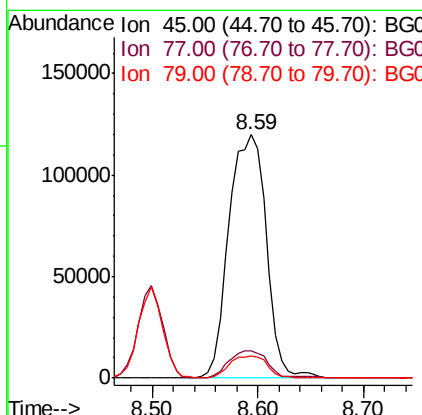
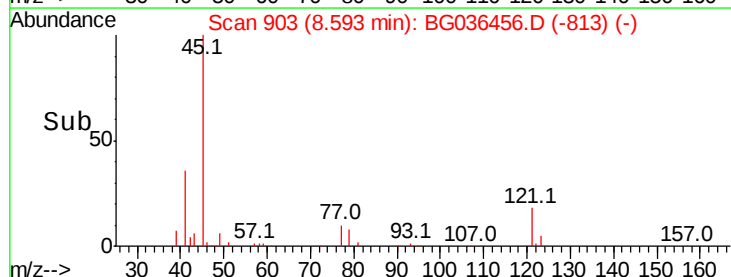
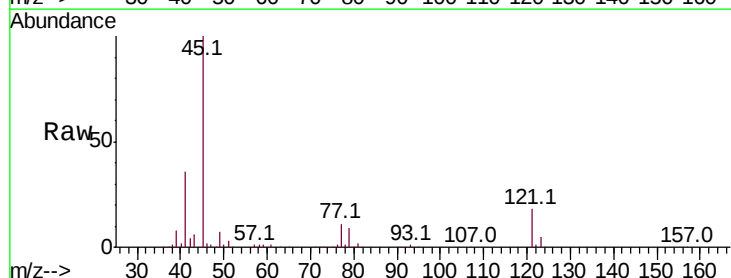
Tgt Ion: 45 Resp: 293894

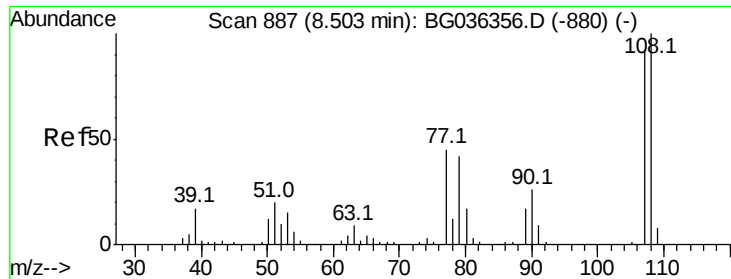
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.5

79 8.9 0.0 27.9





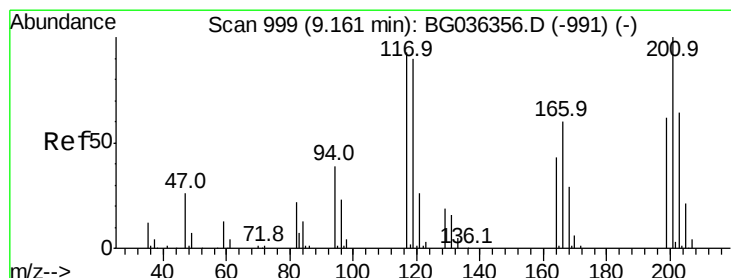
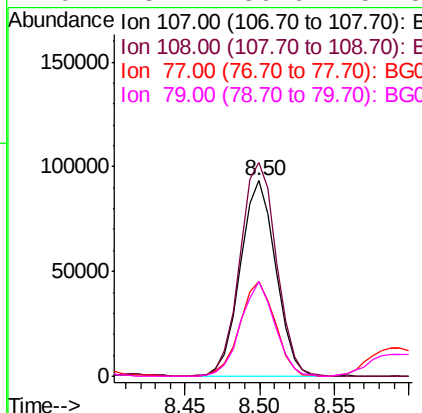
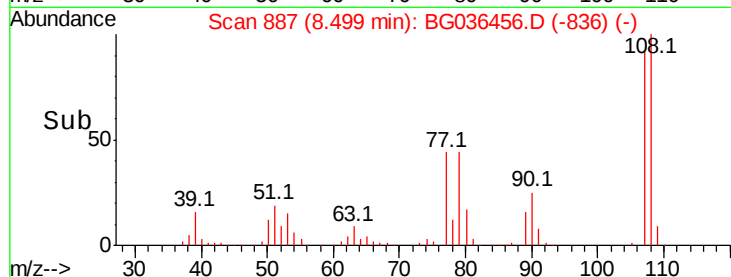
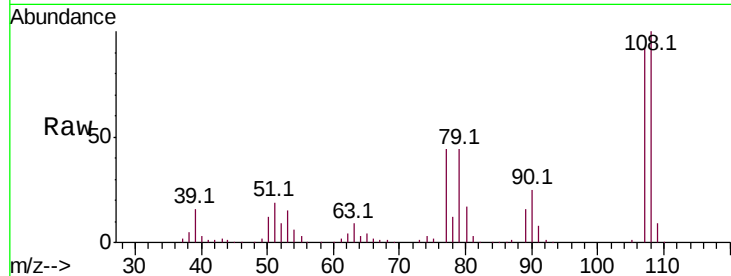
#17
2-Methylphenol
Concen: 44.512 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	86.7	130.1	
77	48.5	39.0	58.4	
79	48.2	36.6	54.8	

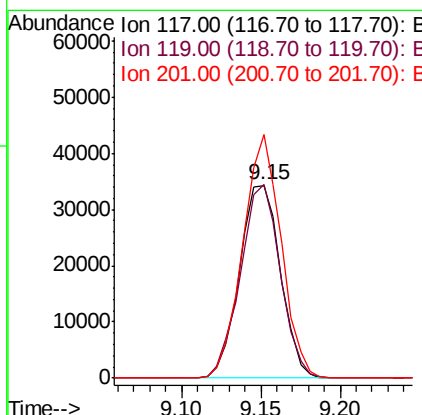
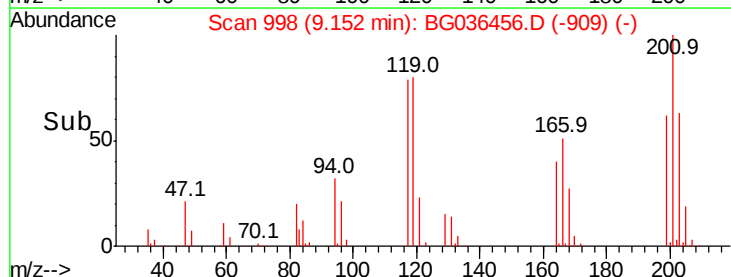
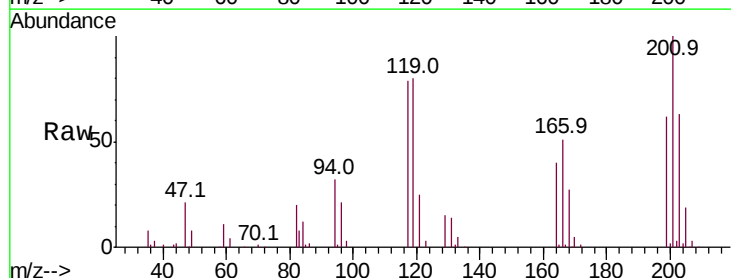
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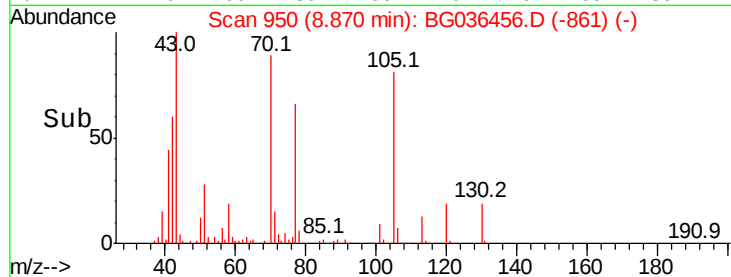
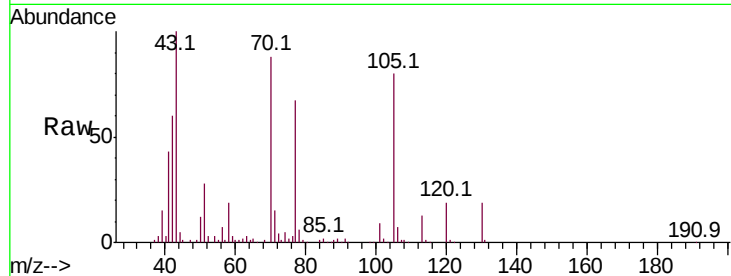
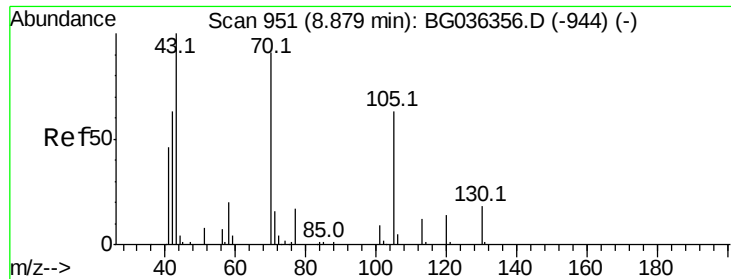
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#18
Hexachloroethane
Concen: 39.400 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	76.8	115.2	
201	126.2	85.7	128.5	





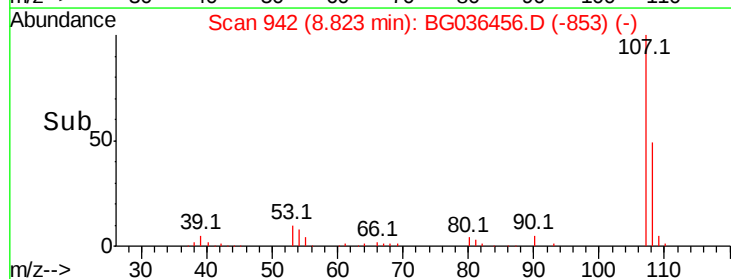
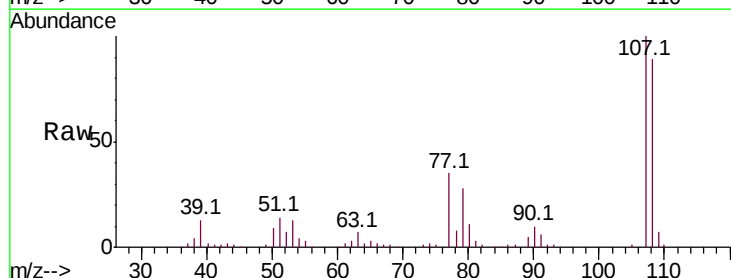
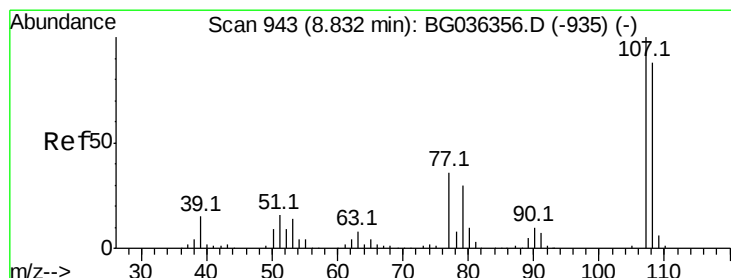
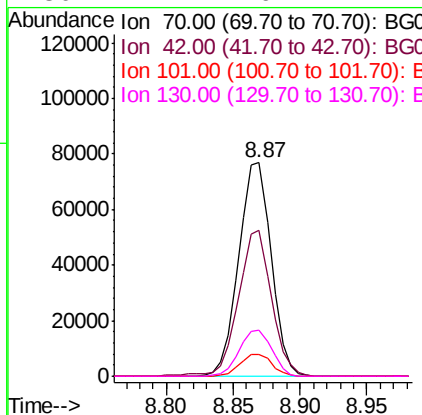
#19
n-Nitroso-di-n-propylamine
Concen: 34.787 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		129703		
42	68.2	56.2		84.4	
101	10.4	7.8		11.6	
130	21.4	16.2		24.2	

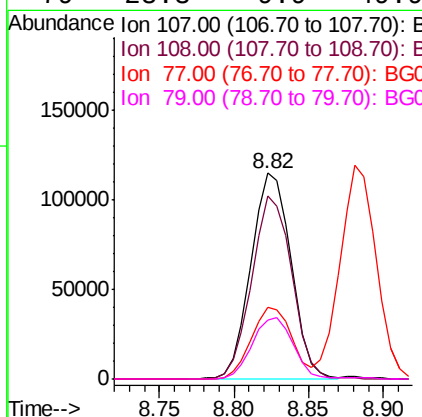
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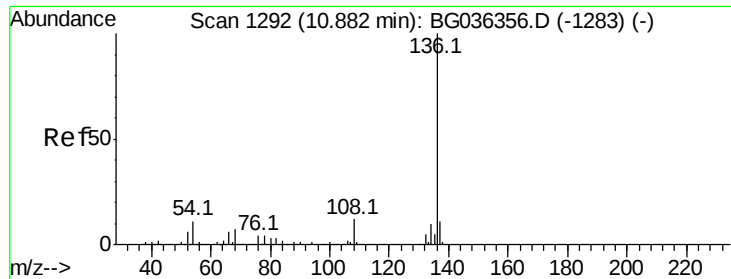
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#20
3+4-Methylphenols
Concen: 43.980 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		212855		
108	89.1	68.0		108.0	
77	34.7	15.6		55.6	
79	28.3	9.9		49.9	





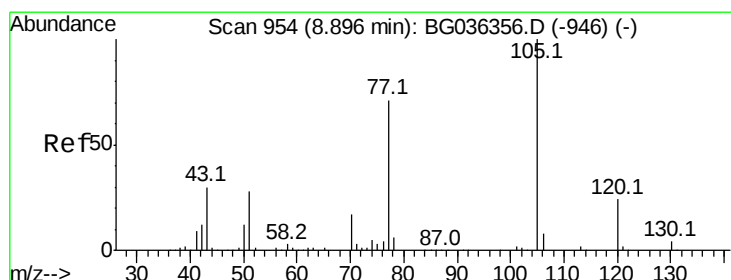
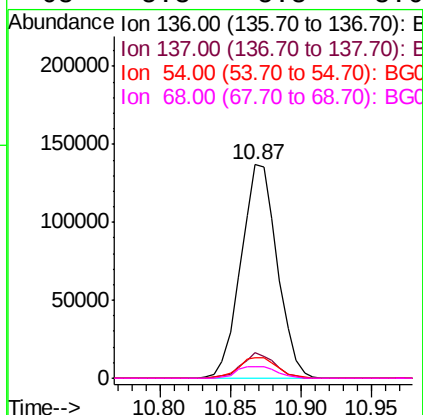
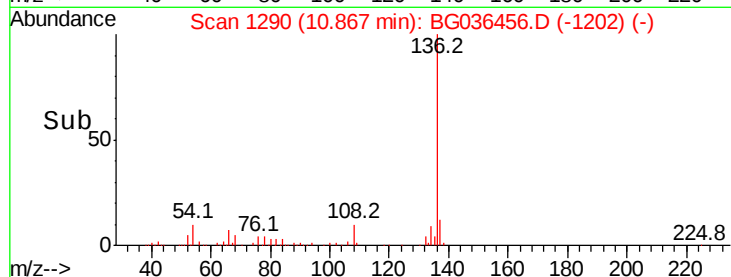
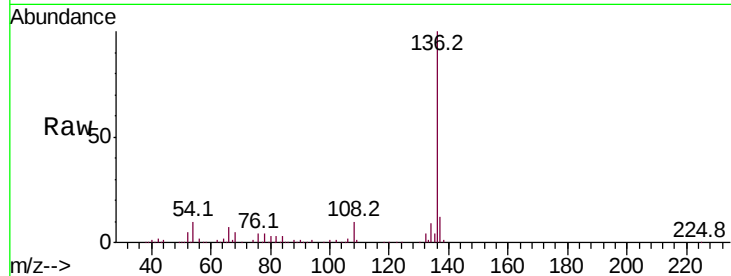
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	246083		
137	12.0	8.8	13.2	
54	9.9	9.2	13.8	
68	5.3	5.8	8.6#	

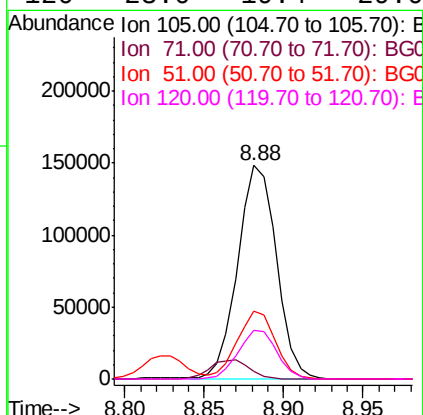
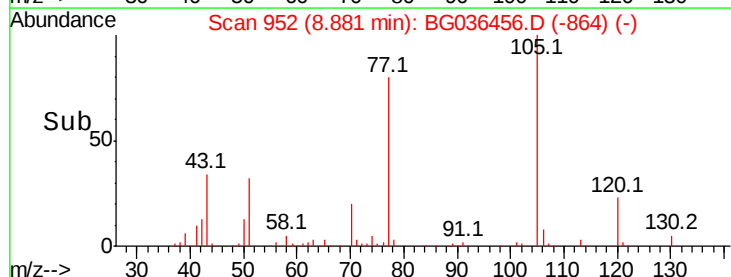
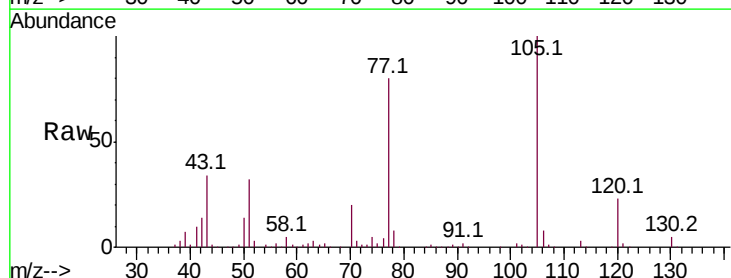
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#22
Acetophenone
Concen: 39.033 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252230		
71	3.4	2.4	3.6	
51	32.0	25.9	38.9	
120	23.0	19.4	29.0	





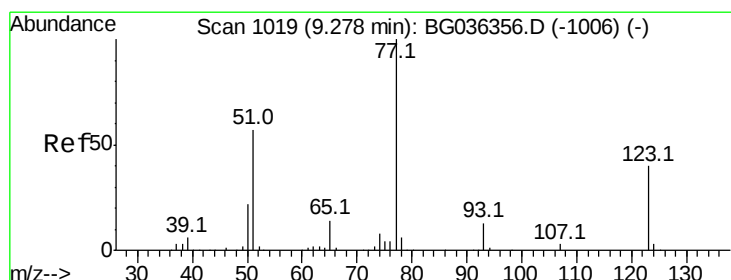
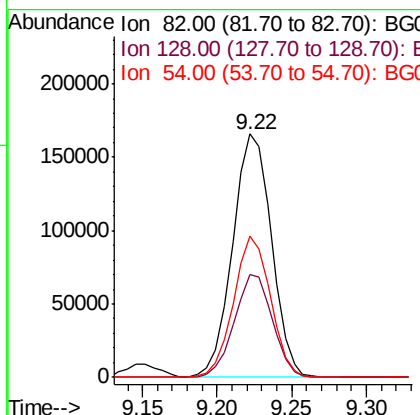
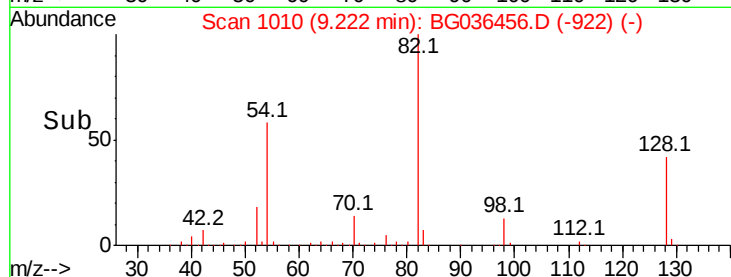
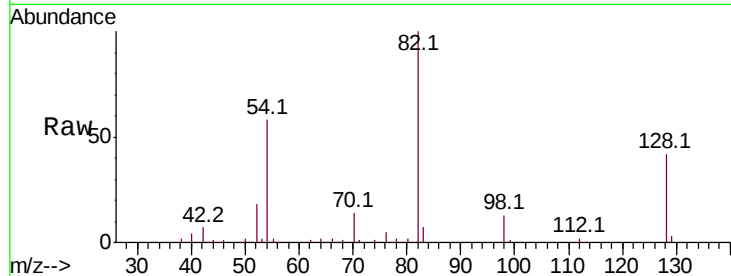
#23
Nitrobenzene-d5
Concen: 66.182 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	300171		
128	42.0	33.3	49.9	
54	58.0	45.1	67.7	

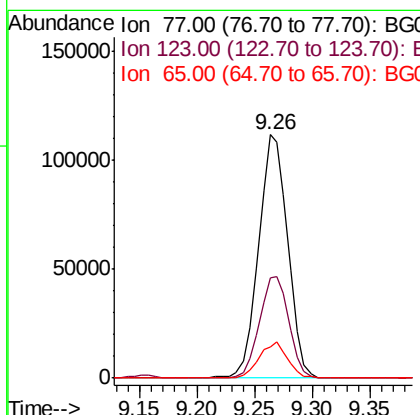
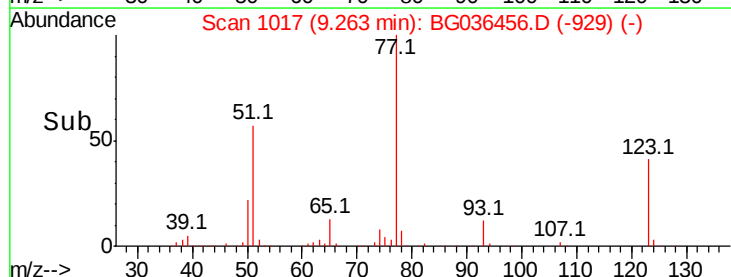
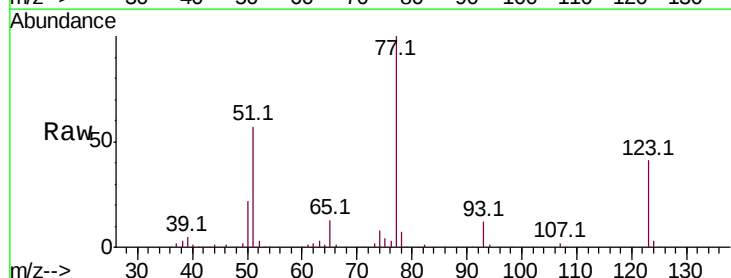
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#24
Nitrobenzene
Concen: 40.054 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	195894		
123	41.3	32.4	48.6	
65	12.8	11.5	17.3	





#25

Isophorone

Concen: 40.977 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

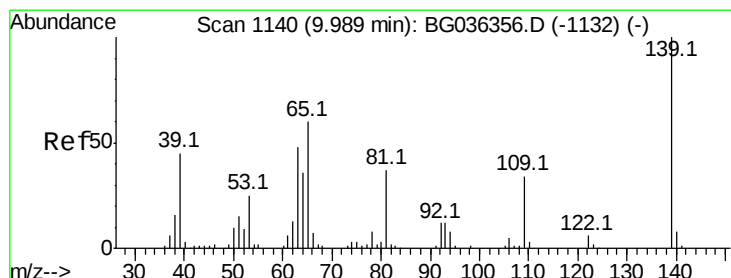
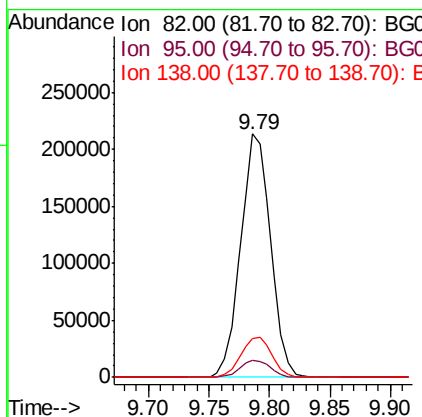
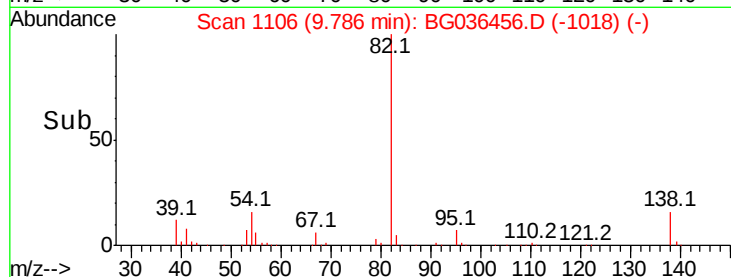
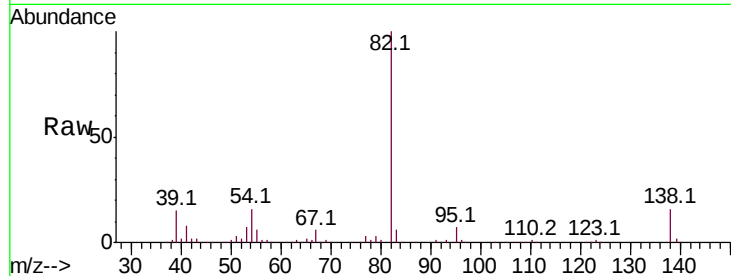
ClientSampleId :

PB112355BS

Tot Ion:	82	Resp:	369203
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.8
138	15.9	12.9	19.3

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#26

2-Nitrophenol

Concen: 44.723 ng

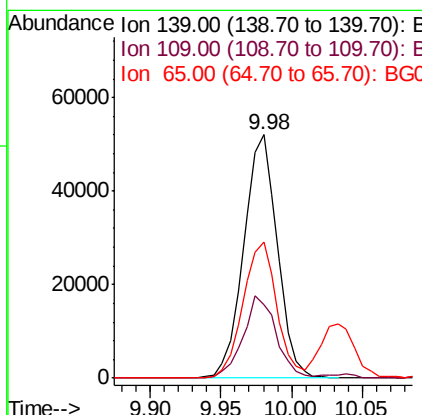
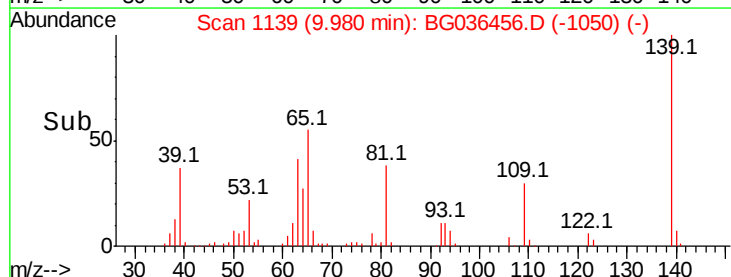
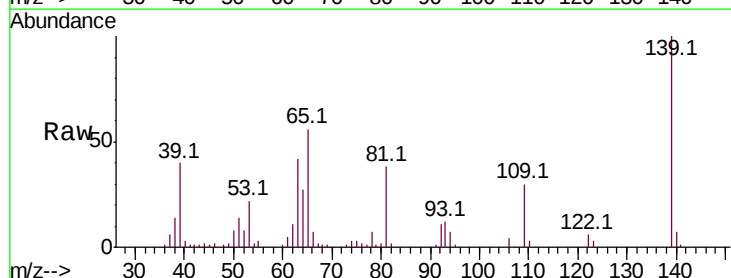
RT: 9.98 min Scan# 1139

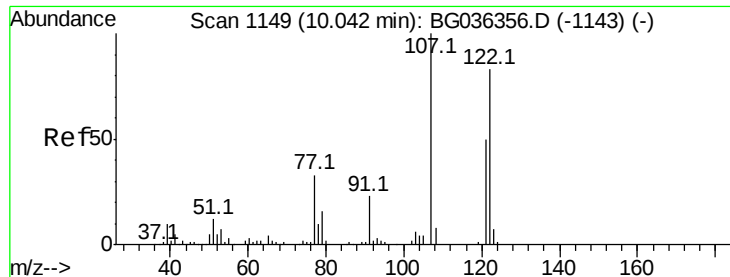
Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:	139	Resp:	86675
Ion Ratio	Lower	Upper	
139	100		
109	30.2	27.4	41.0
65	55.7	47.8	71.6





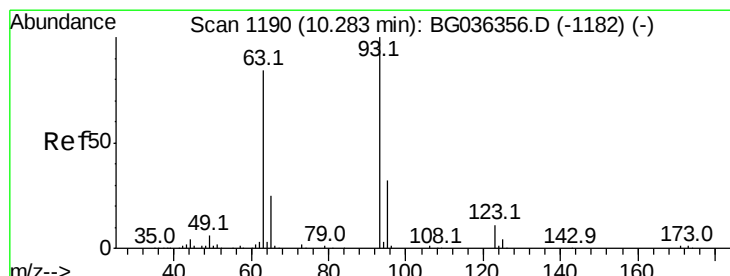
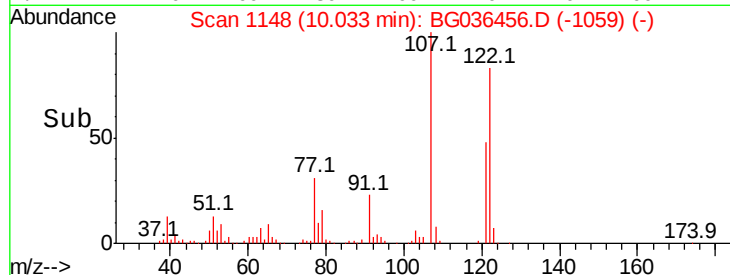
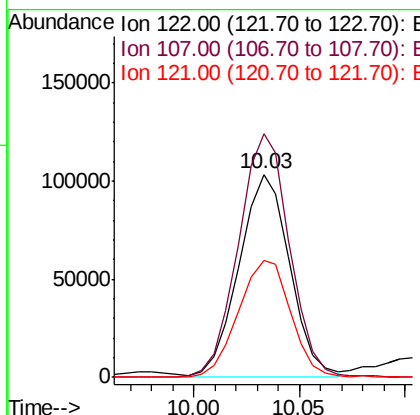
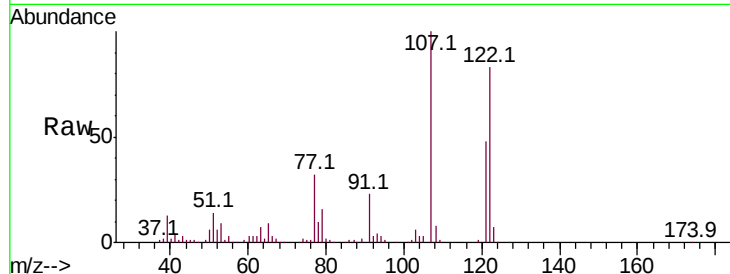
#27
 2,4-Dimethylphenol
 Concen: 47.807 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	171537		
107	119.8	96.0	144.0	
121	57.8	48.2	72.4	

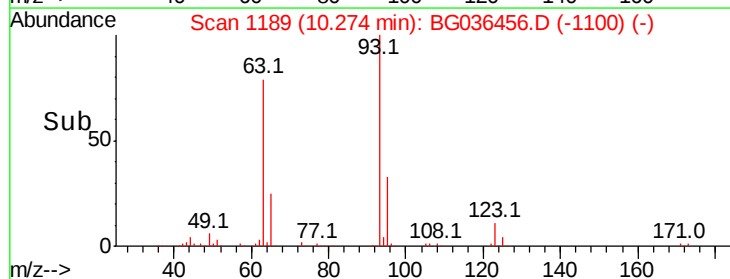
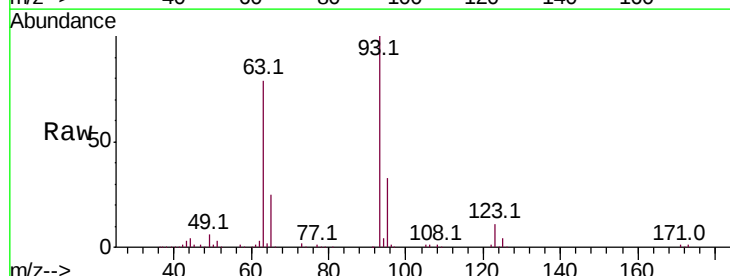
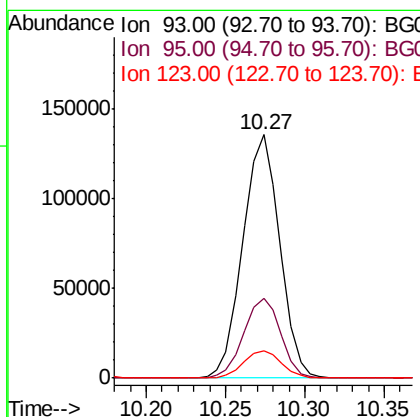
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.617 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	219072		
95	32.8	25.2	37.8	
123	11.3	8.6	12.8	





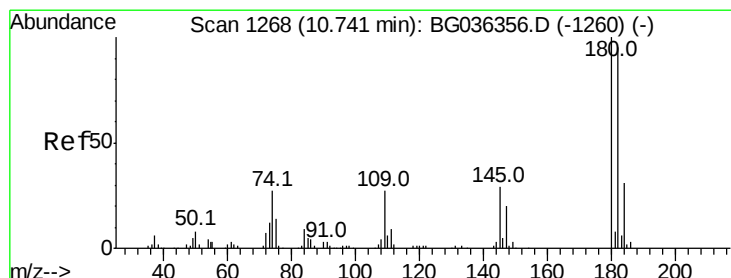
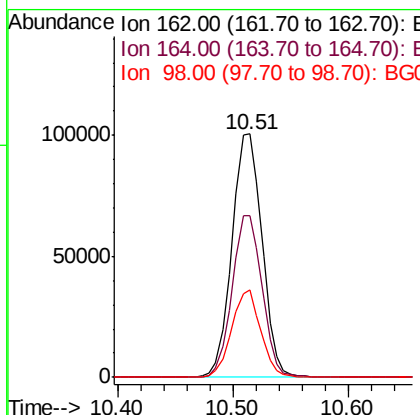
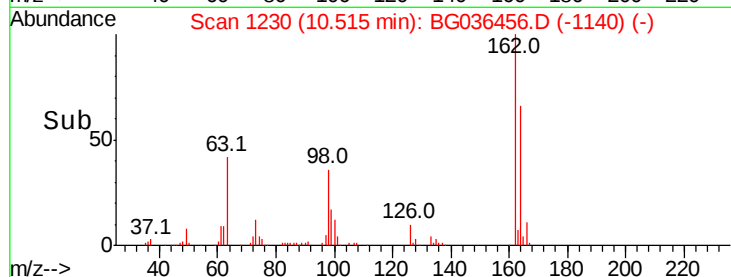
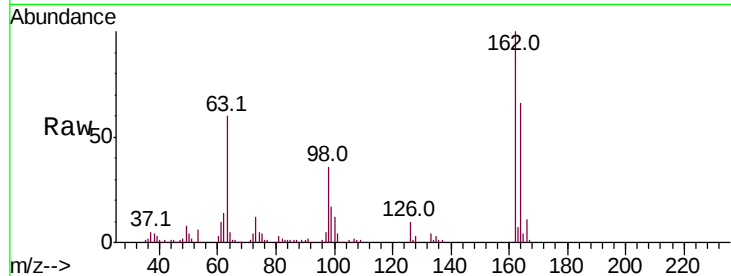
#29
 2,4-Dichlorophenol
 Concen: 46.237 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.5	47.6	87.6	
98	36.0	19.2	59.2	

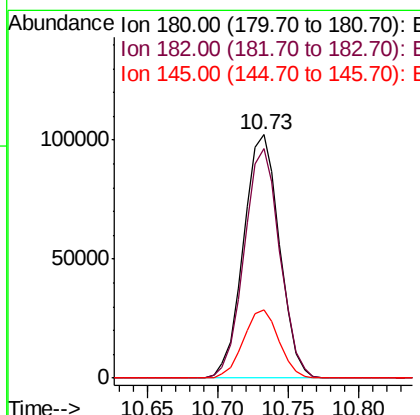
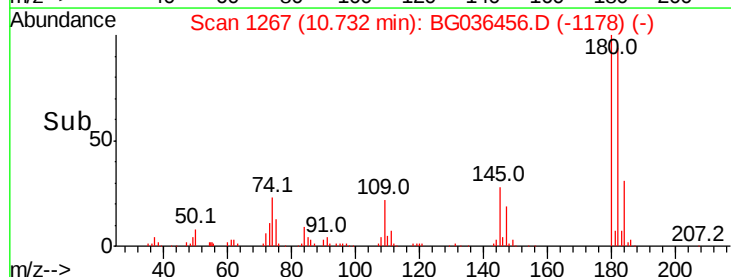
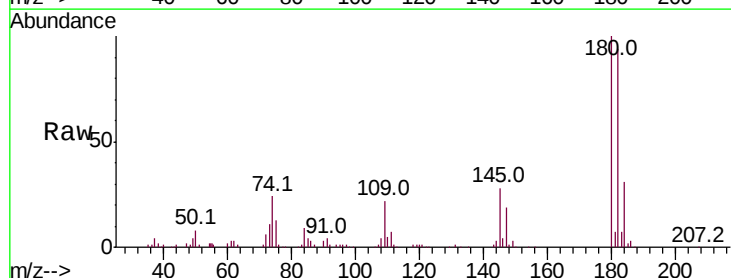
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.625 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	76.0	114.0	
145	28.1	22.9	34.3	





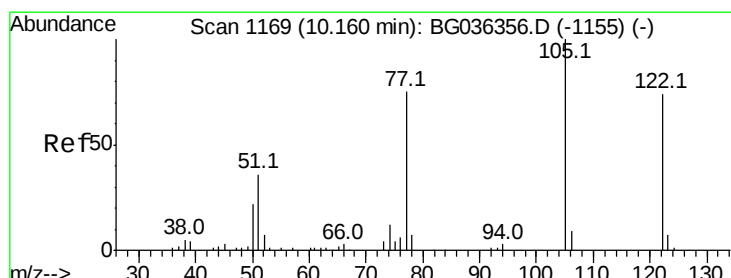
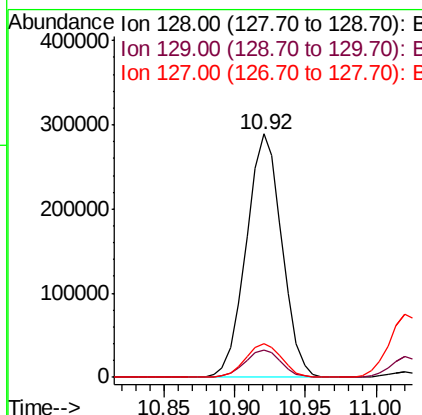
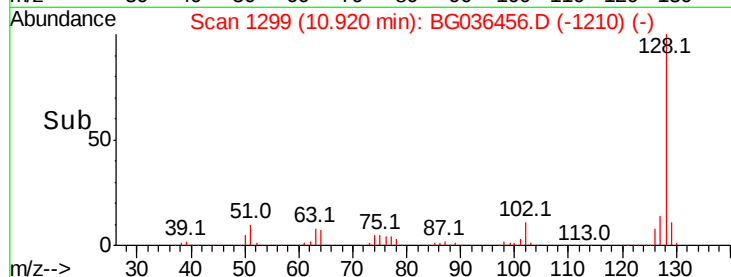
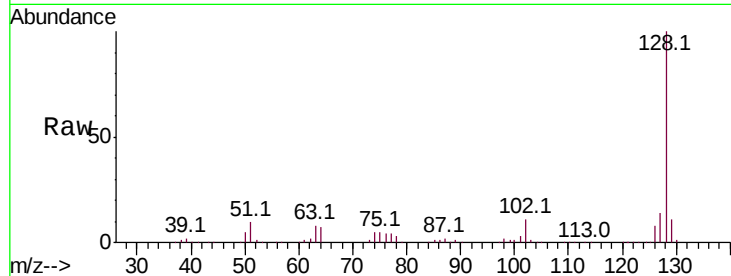
#31
Naphthalene
Concen: 41.537 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.8	11.0	16.4

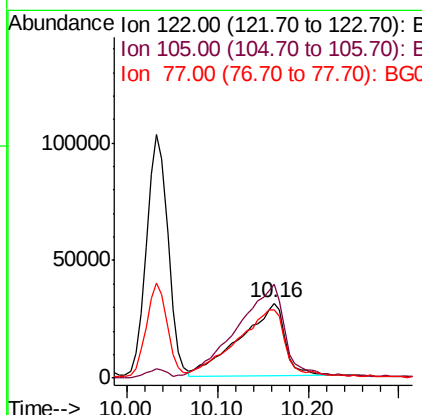
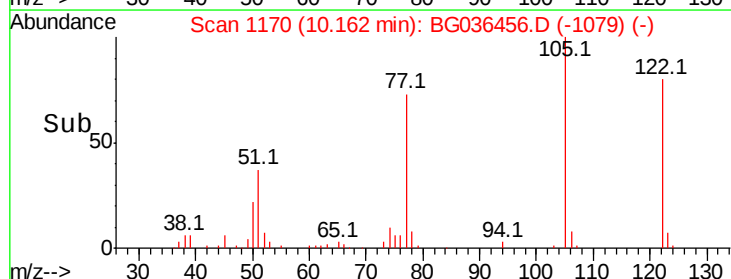
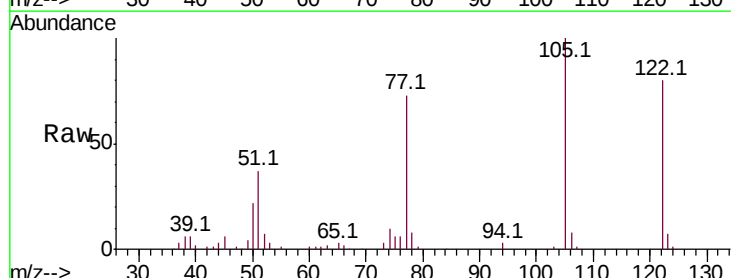
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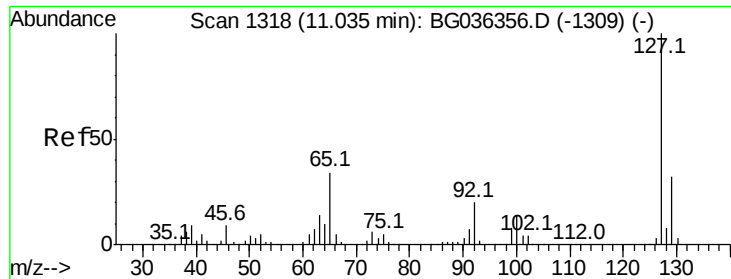
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#32
Benzoic acid
Concen: 41.567 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	108.1	148.1
77	91.5	76.3	116.3





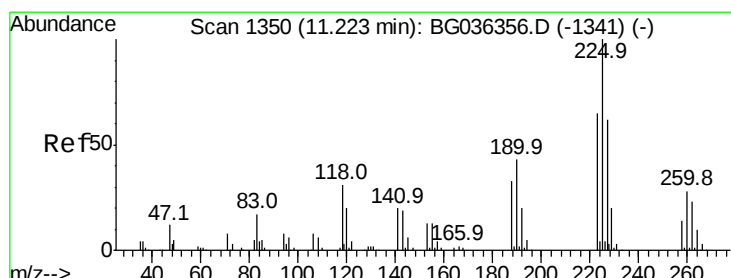
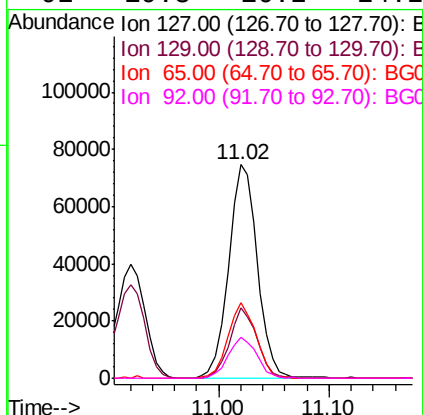
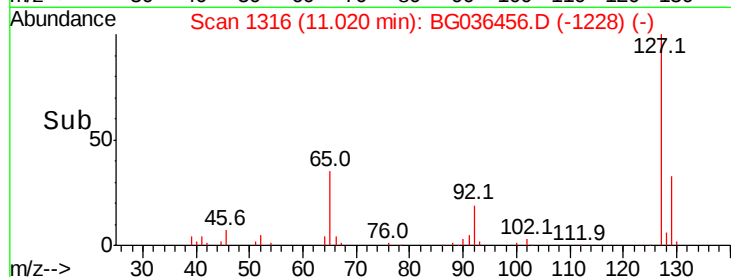
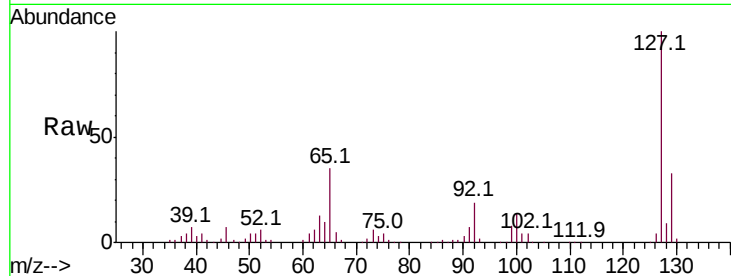
#33
4-Chloroaniline
Concen: 24.176 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	35.3	27.5	41.3
92	19.3	16.2	24.2

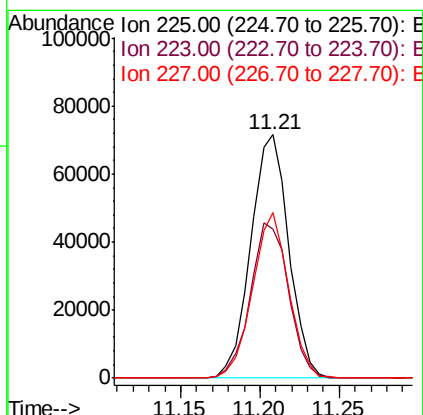
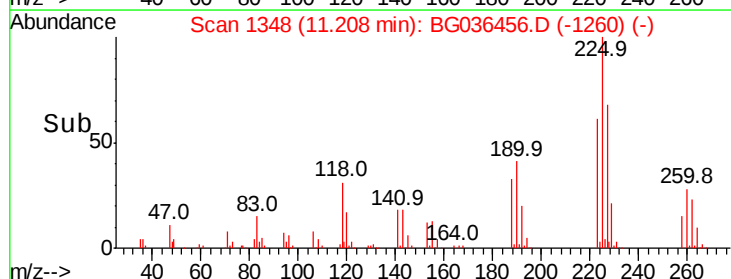
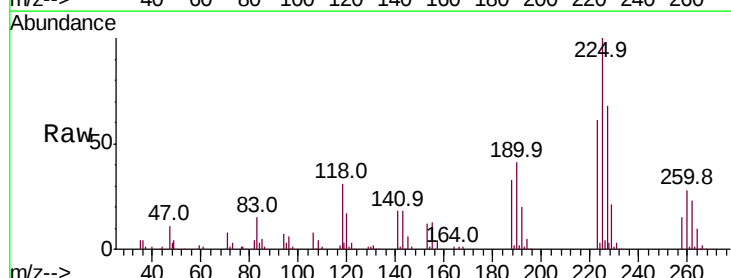
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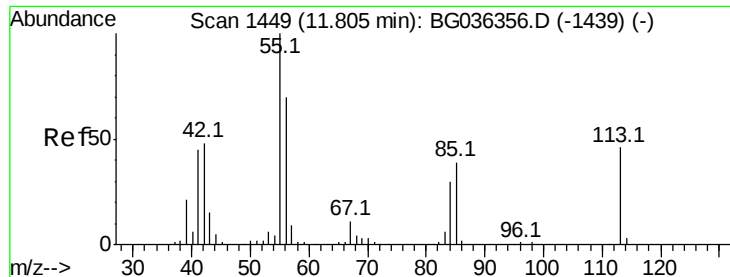
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#34
Hexachlorobutadiene
Concen: 38.591 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.8
227	68.2	49.8	74.6





#35

Caprolactam

Concen: 41.400 ng/mL

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

ClientSampleId :

PB112355BS

Tot Ion:113 Resp: 64854

Ion Ratio Lower Upper

113 100

55 202.5 197.7 237.7

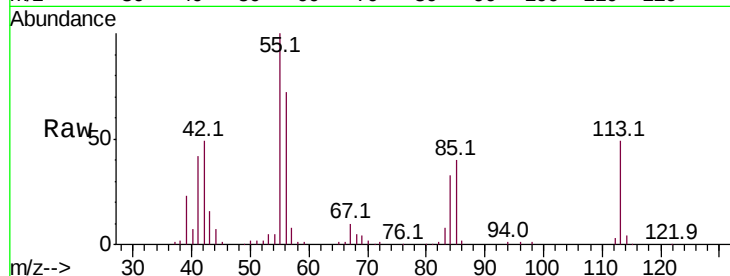
56 146.3 131.7 171.7

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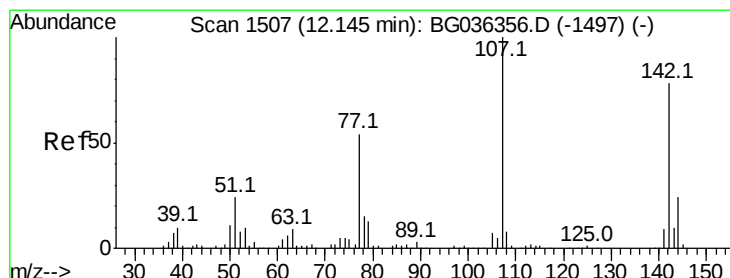
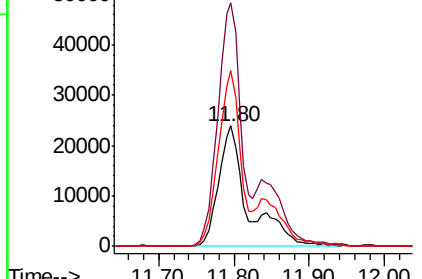
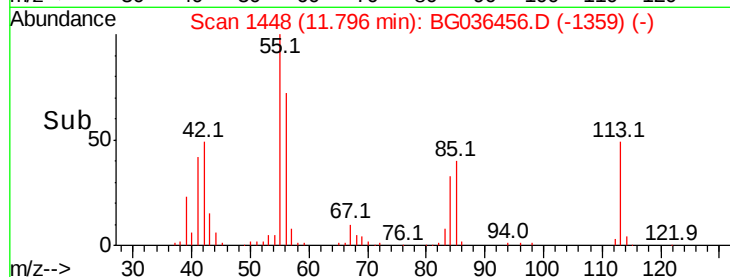
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.792 ng/mL

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

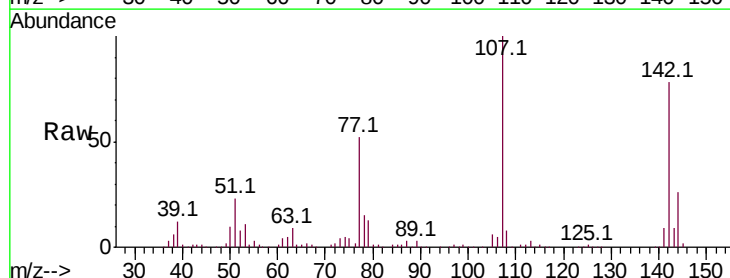
Tgt Ion:107 Resp: 200098

Ion Ratio Lower Upper

107 100

144 26.3 19.5 29.3

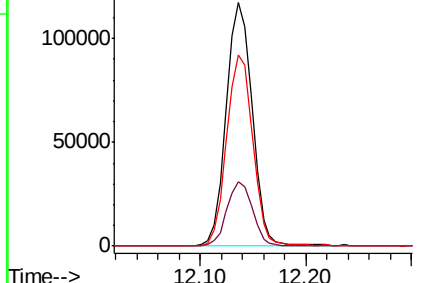
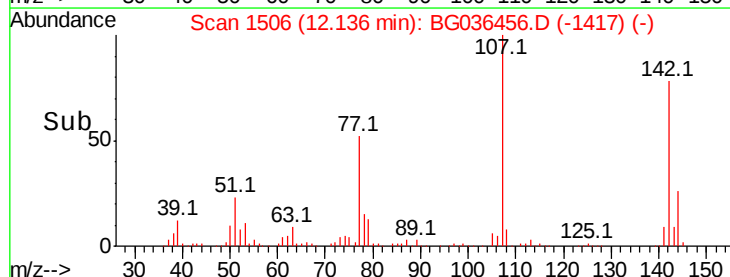
142 78.4 62.4 93.6

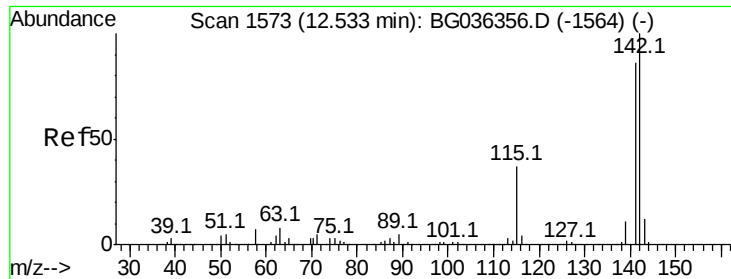


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





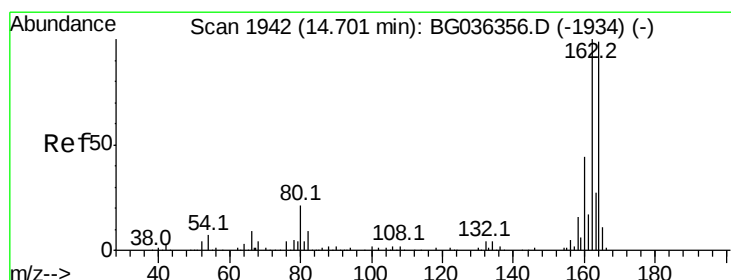
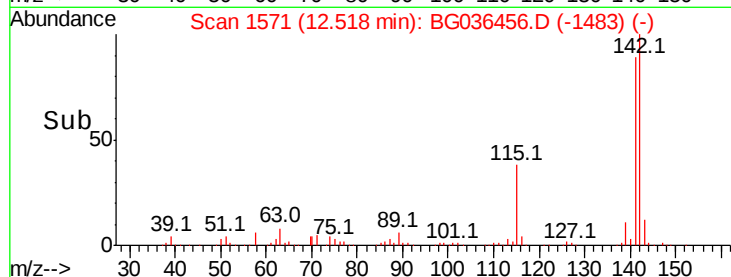
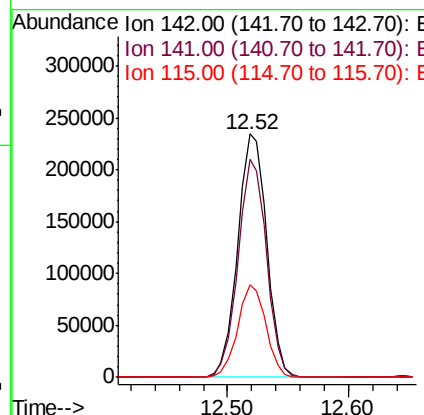
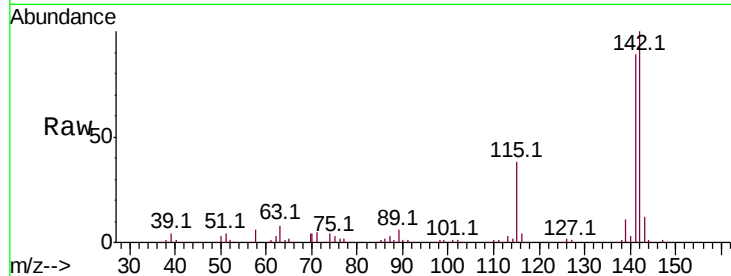
#37
2-Methylnaphthalene
Concen: 43.513 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	68.5	102.7
115	38.3	29.8	44.8

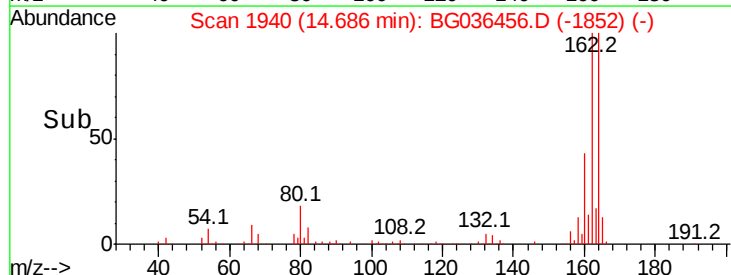
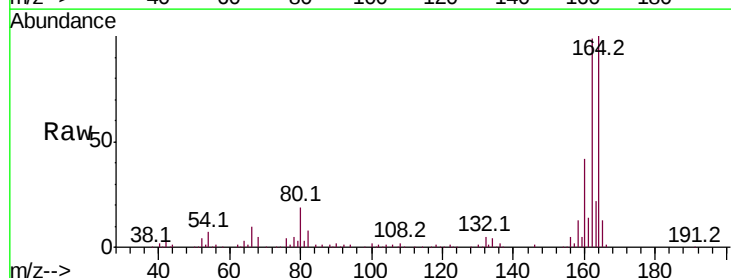
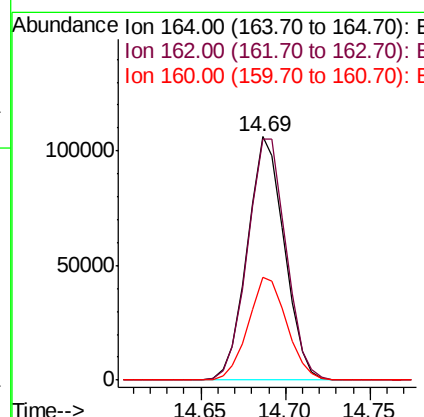
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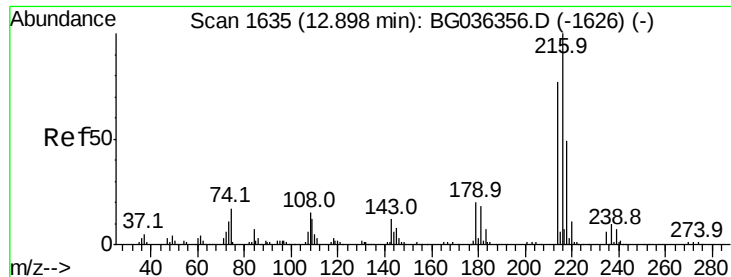
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.7	121.1
160	42.4	35.3	52.9





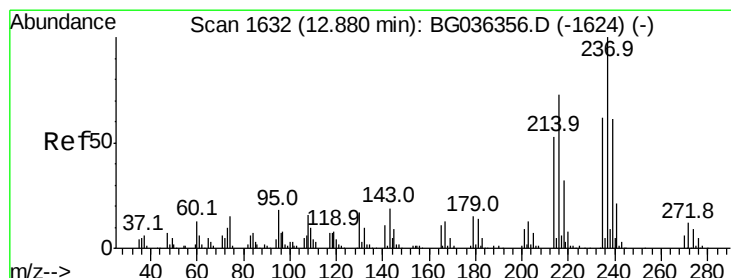
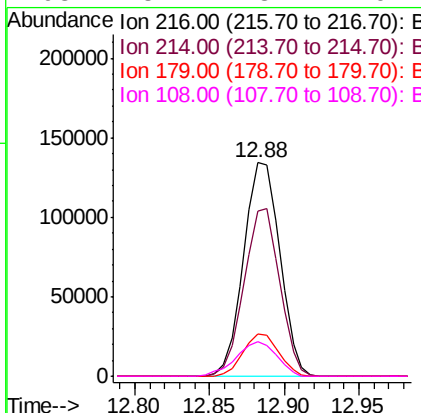
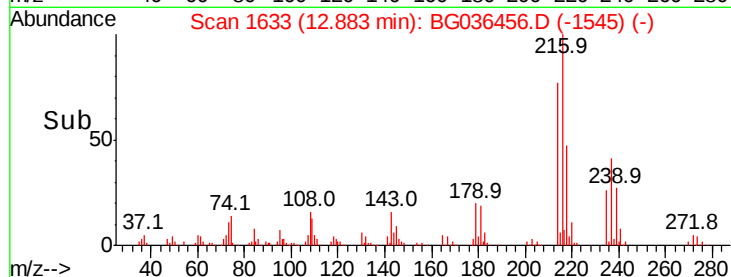
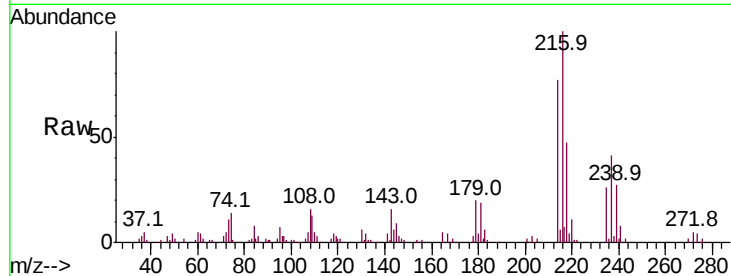
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.475 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.9	61.0	91.6
179	19.5	15.7	23.5
108	18.2	13.1	19.7

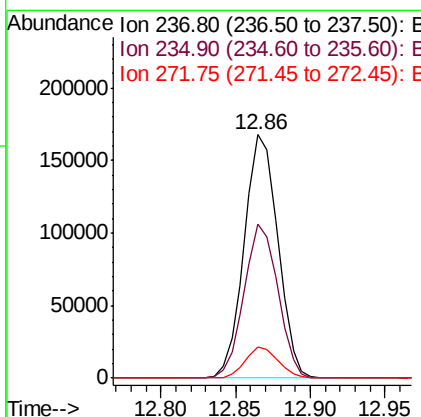
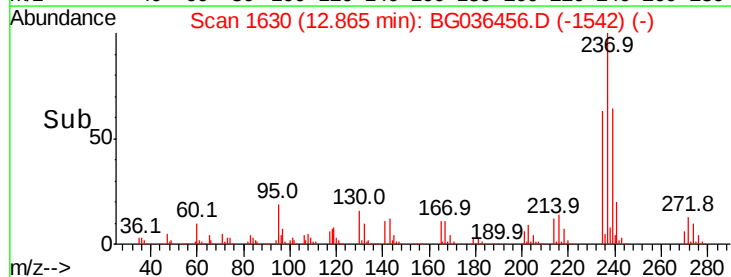
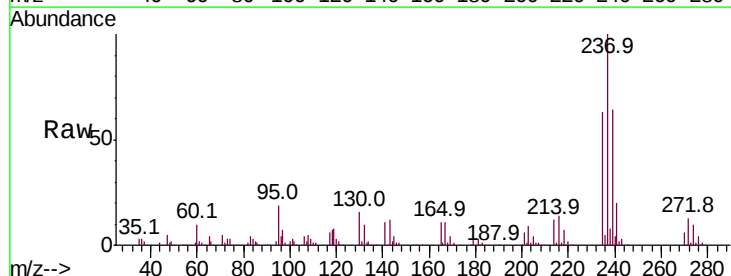
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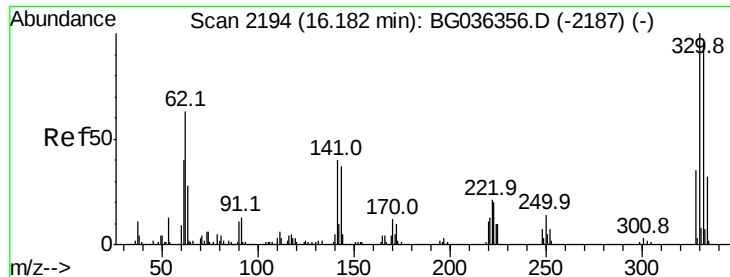
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#40
 Hexachlorocyclopentadiene
 Concen: 87.712 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	42.2	82.2
272	12.9	0.0	32.1





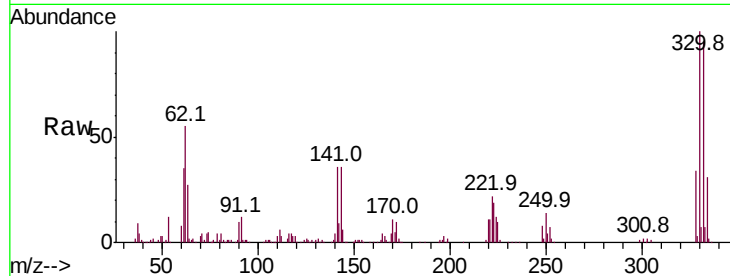
#41
 2,4,6-Tribromophenol
 Concen: 113.998 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

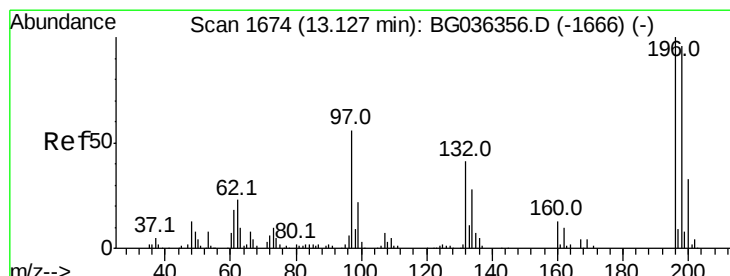
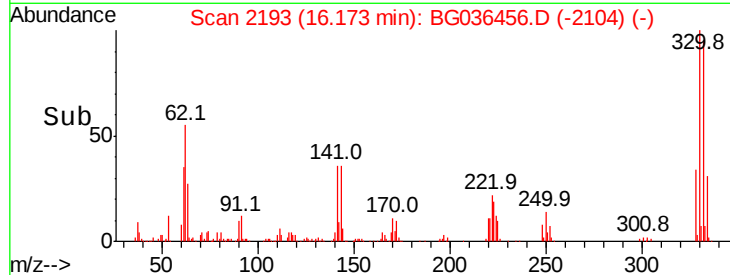
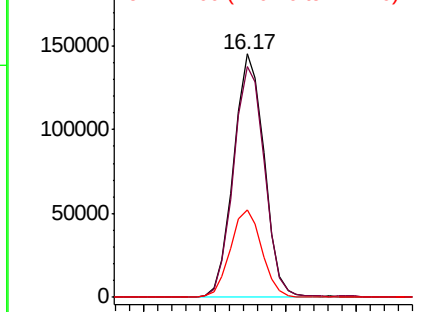
Tot Ion	Ratio	Resp	Lower	Upper
330	100	220220		
332	96.2		75.4	113.2
141	37.0		30.7	46.1

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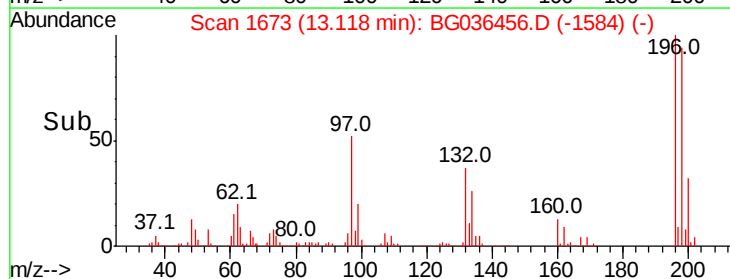
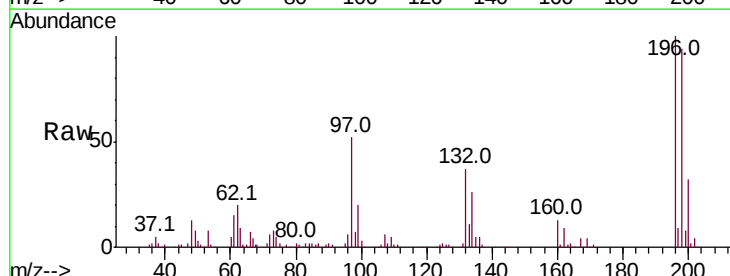
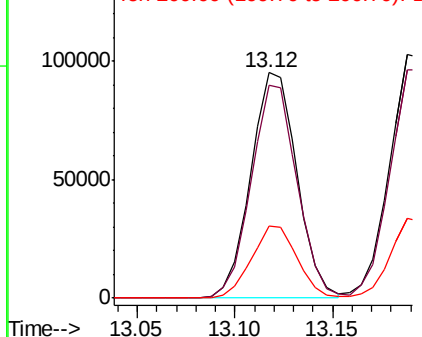
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

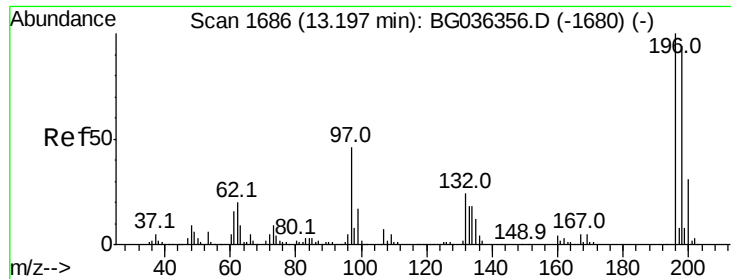


#42
 2,4,6-Trichlorophenol
 Concen: 44.555 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155499		
198	94.3		77.2	115.8
200	32.0		26.3	39.5

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





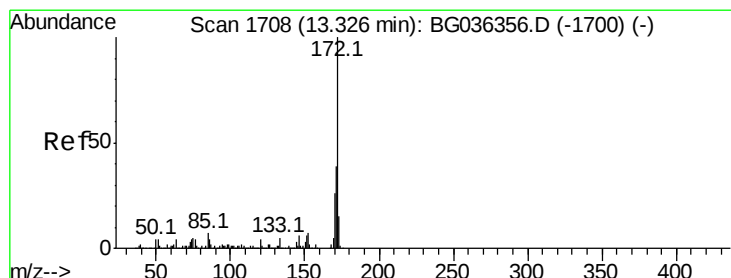
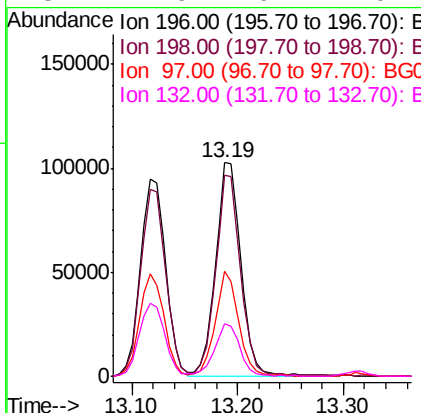
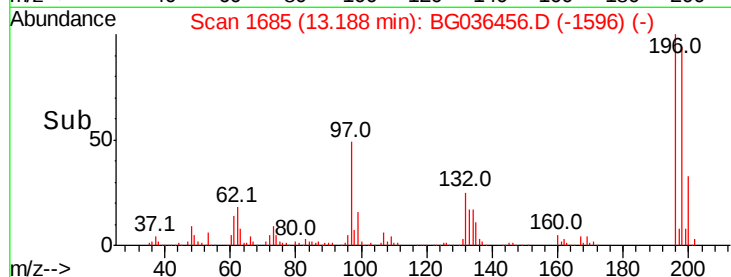
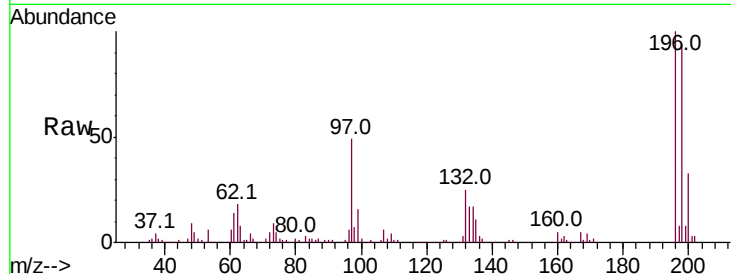
#43
 2,4,5-Trichlorophenol
 Concen: 46.243 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	196	Resp	172141
Ion Ratio	100	Lower	Upper
196	100		
198	93.9	75.6	113.4
97	49.0	37.2	55.8
132	24.6	19.4	29.2

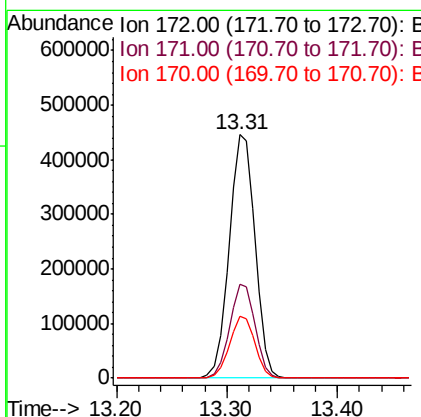
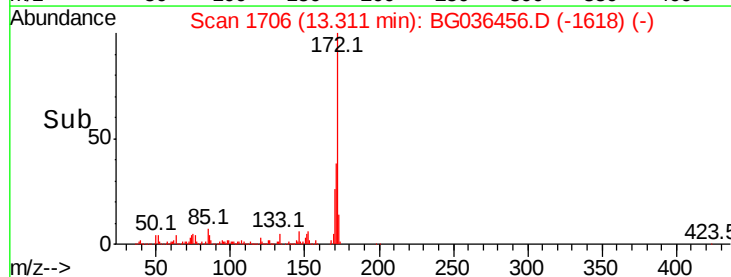
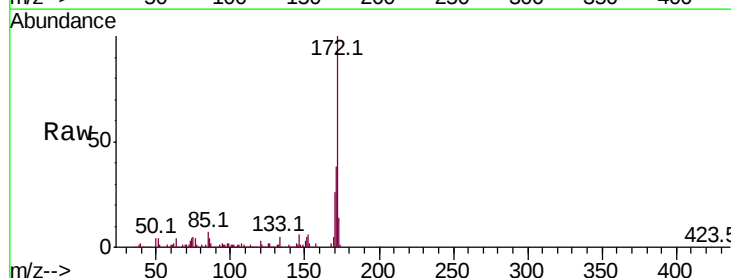
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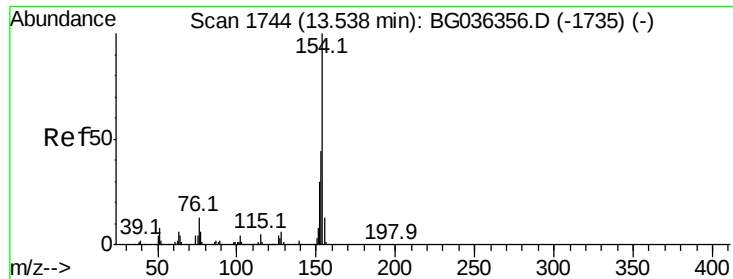
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 64.293 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	172	Resp	729008
Ion Ratio	100	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	25.6	21.0	31.6





#45

1,1'-Biphenyl

Concen: 38.261 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

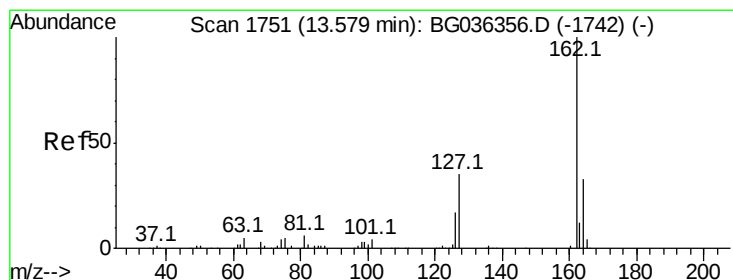
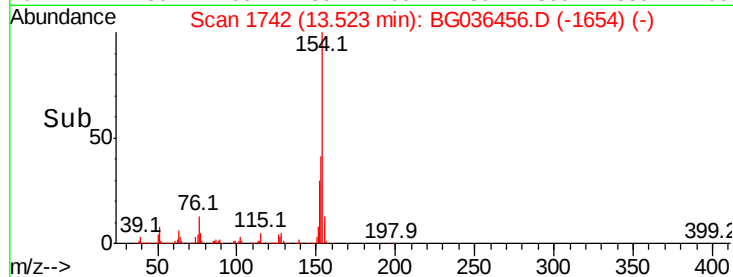
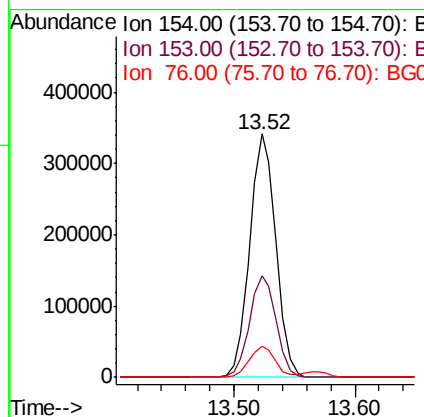
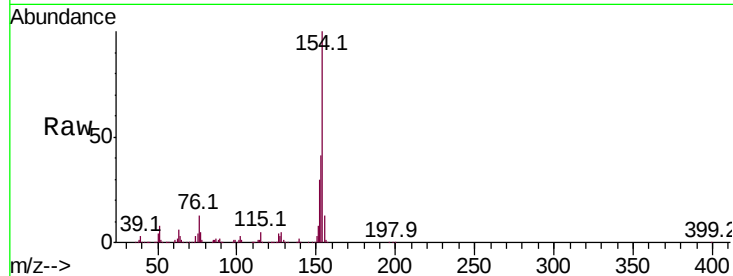
ClientSampleId :

PB112355BS

Tot Ion:	154	Resp:	514184
Ion Ratio	Lower	Upper	
154	100		
153	41.5	24.0	64.0
76	12.7	0.0	32.9

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#46

2-Chloronaphthalene

Concen: 38.377 ng

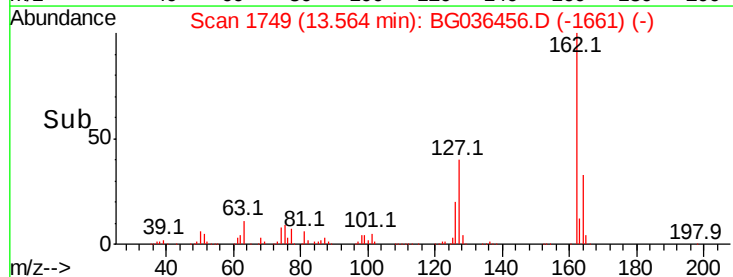
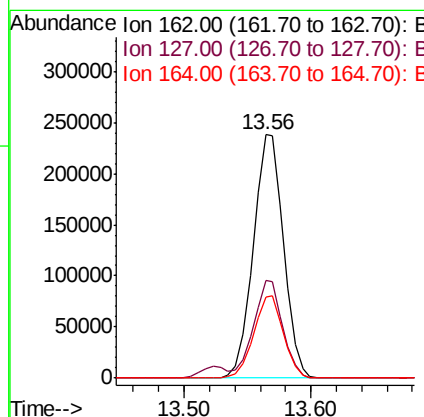
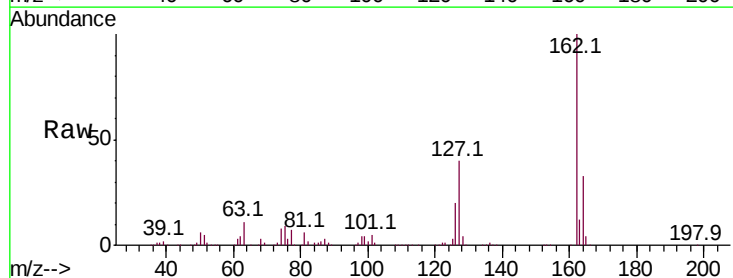
RT: 13.56 min Scan# 1749

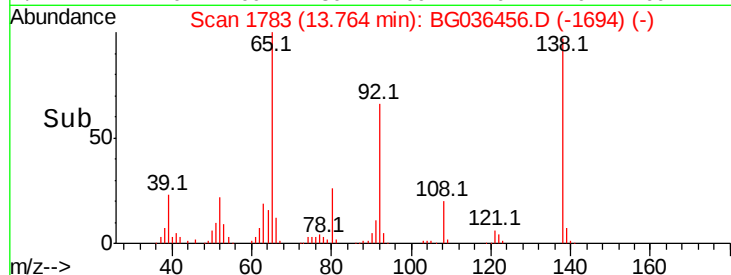
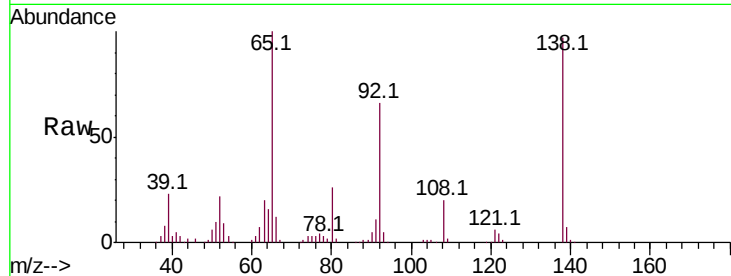
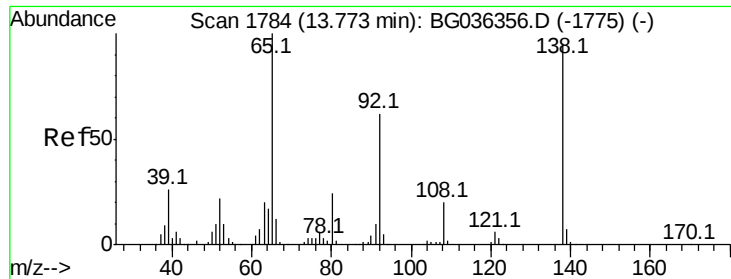
Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion:	162	Resp:	393720
Ion Ratio	Lower	Upper	
162	100		
127	40.2	30.7	46.1
164	33.4	26.7	40.1





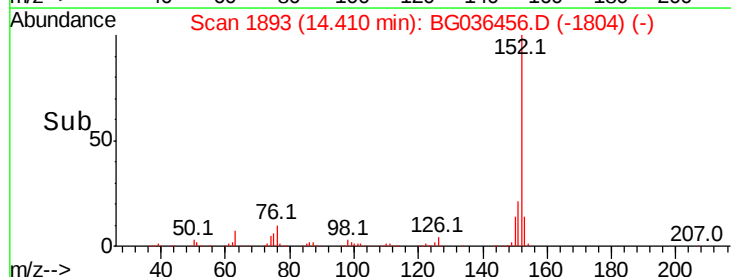
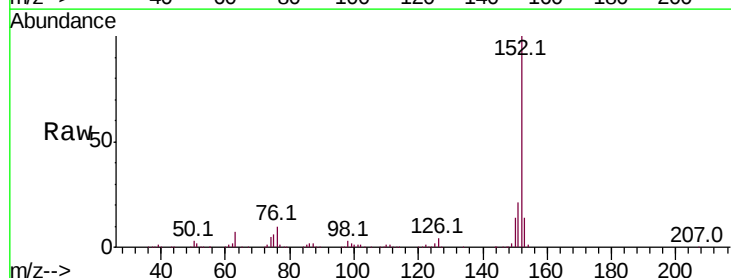
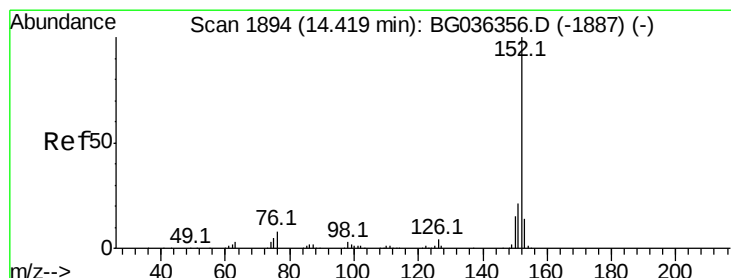
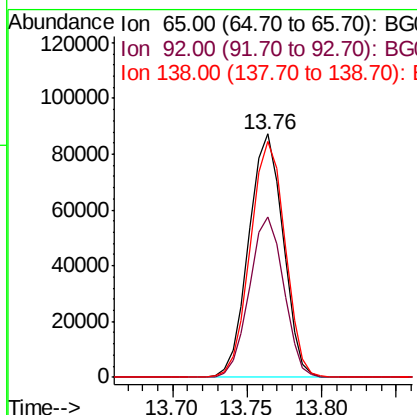
#47
2-Nitroaniline
Concen: 43.196 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	49.9	74.9
138	96.8	76.2	114.4

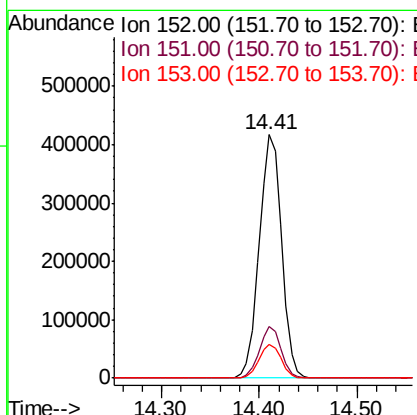
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#48
Acenaphthylene
Concen: 41.852 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	13.6	11.2	16.8





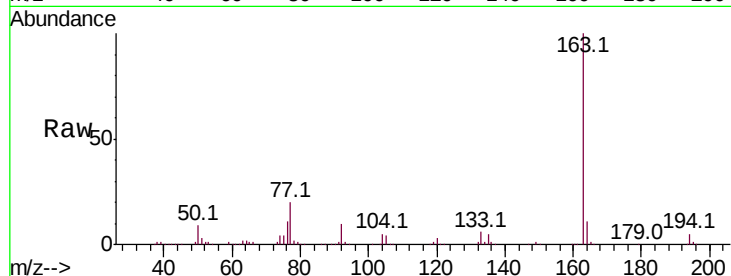
#49
Dimethylphthalate
Concen: 40.007 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	4.0	6.0
164	11.1	8.1	12.1

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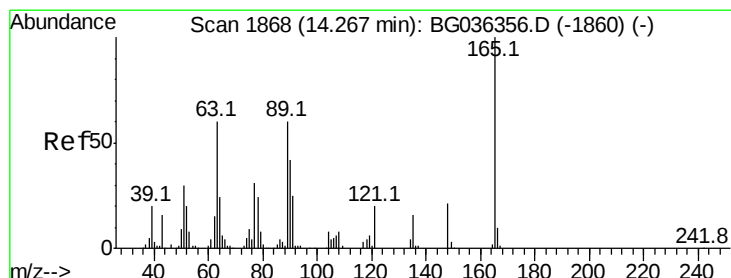
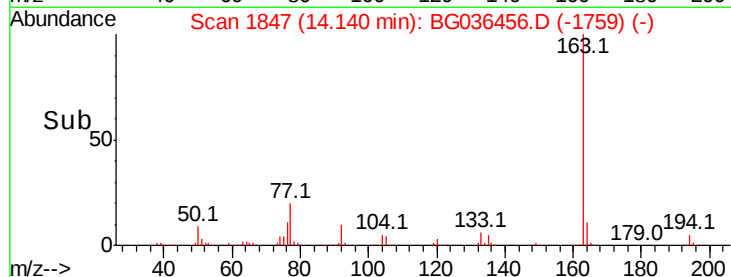
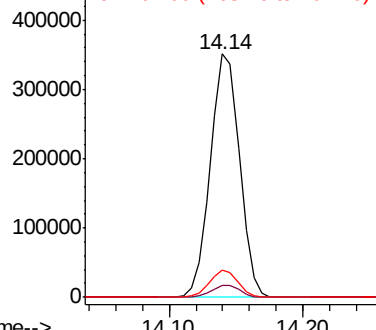


Abundance

Ion 163.00 (162.70 to 163.70): E

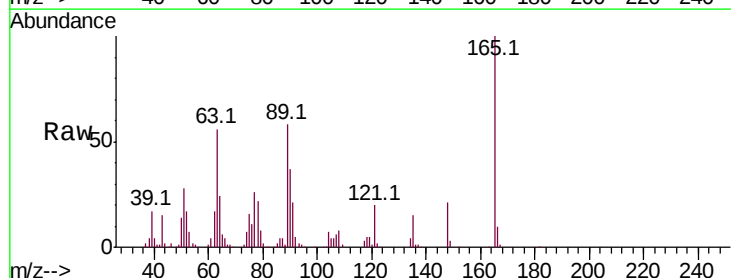
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.163 ng
RT: 14.26 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	55.7	50.1	75.1
89	57.8	47.8	71.6

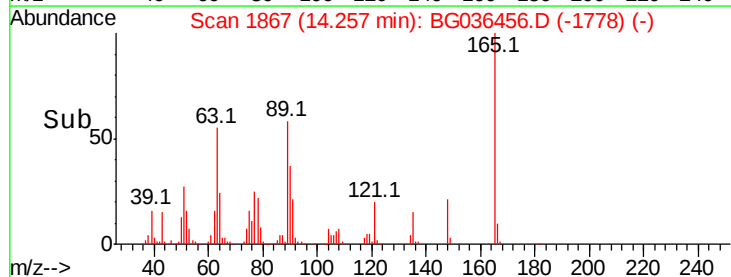
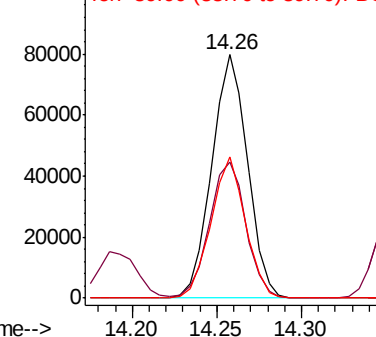


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





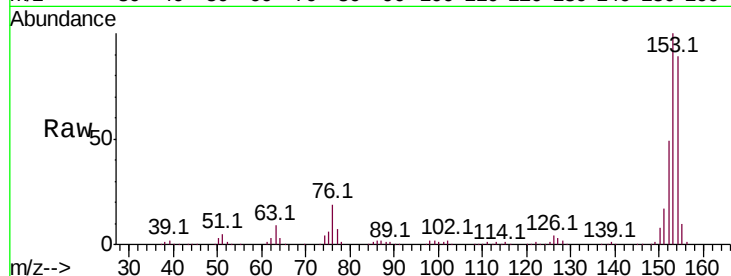
#51
Acenaphthene
Concen: 40.875 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.8	137.6
152	55.2	43.5	65.3

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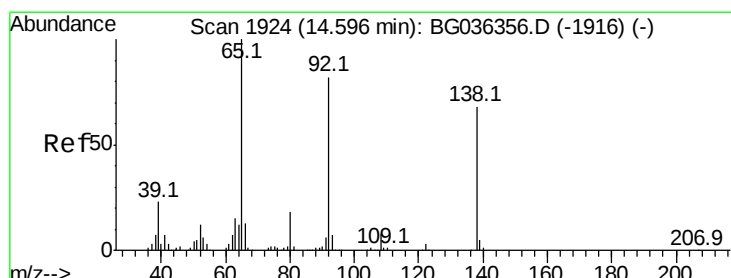
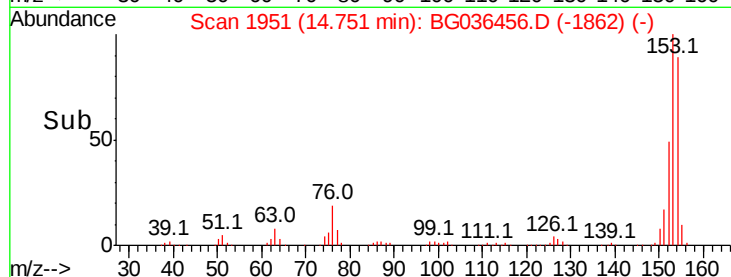
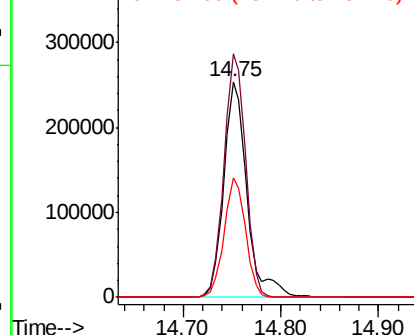


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 33.525 ng
RT: 14.59 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

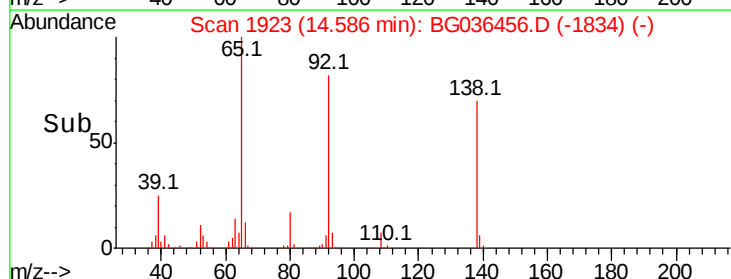
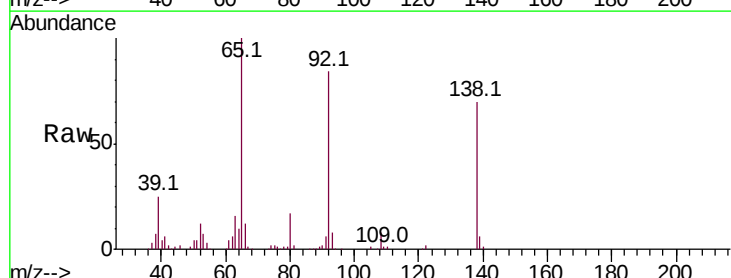
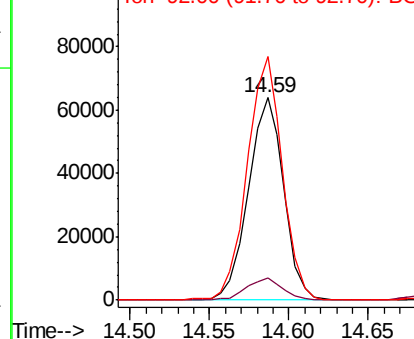
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.2
92	120.2	96.8	145.2

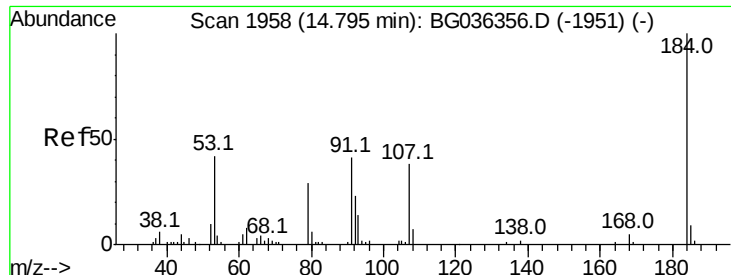
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





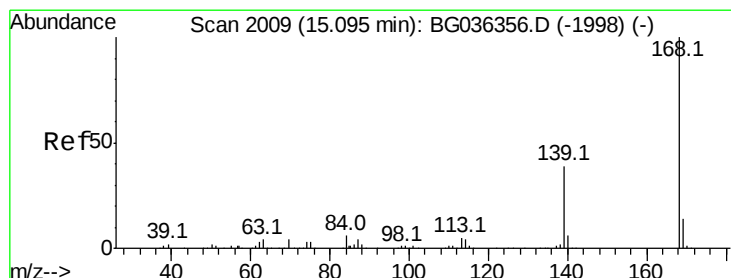
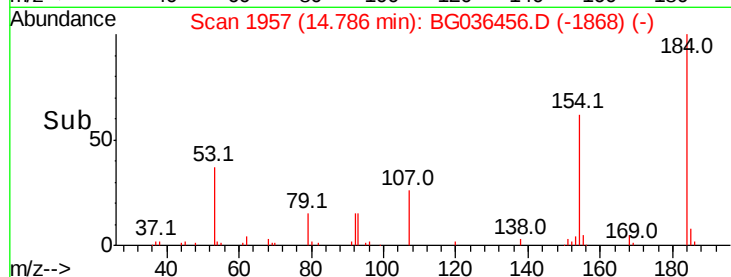
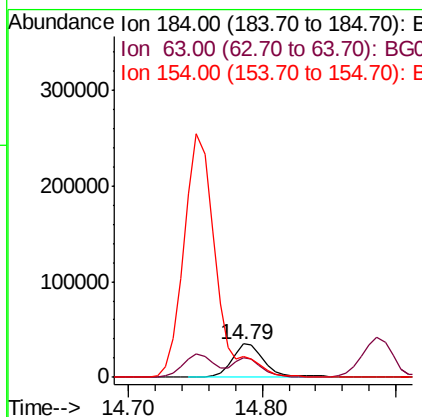
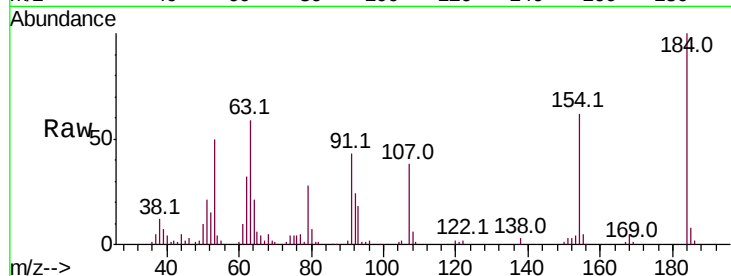
#53
 2,4-Dinitrophenol
 Concen: 57.079 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.3	47.3	70.9	
154	61.6	51.1	76.7	

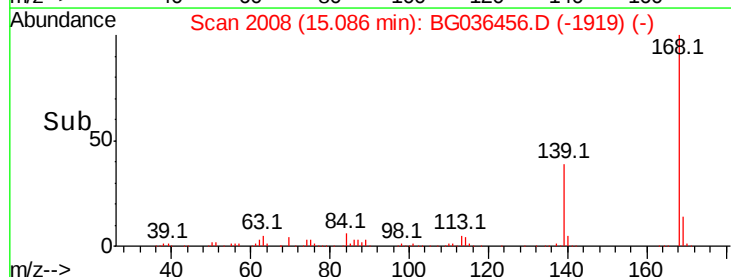
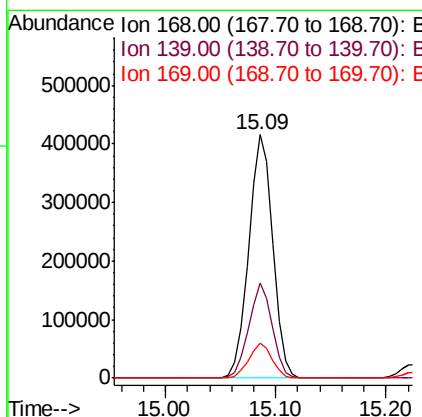
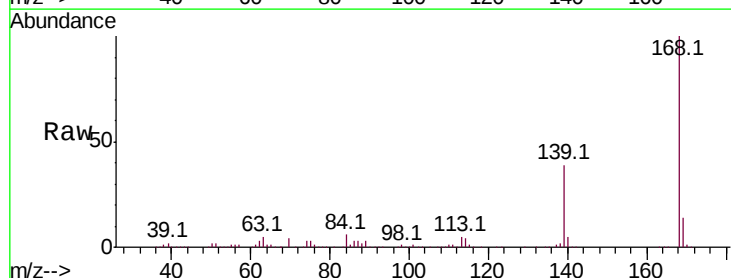
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#54
 Dibenzofuran
 Concen: 39.322 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	31.0	46.6	
169	14.4	11.1	16.7	





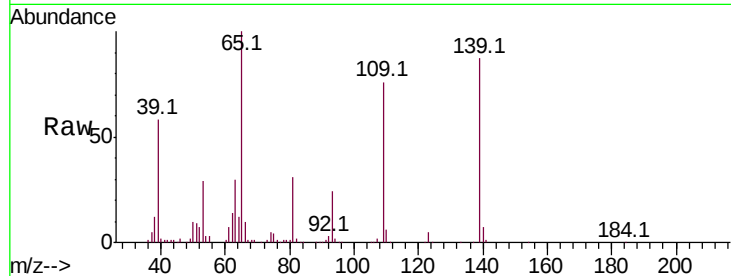
#55
4-Nitrophenol
Concen: 86.512 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	207355		
109	87.6	63.9	103.9	
65	114.6	90.0	130.0	

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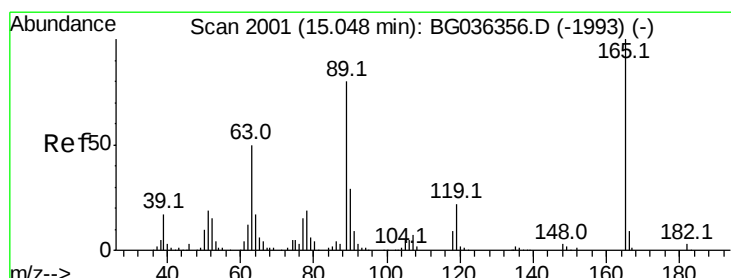
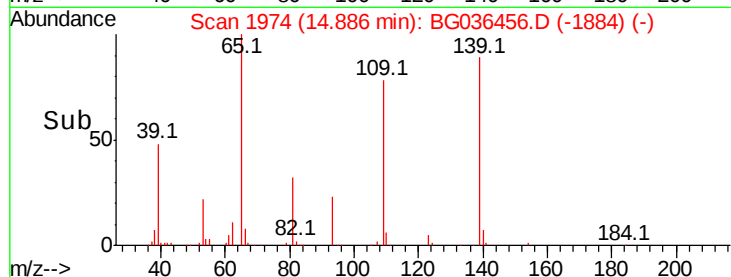
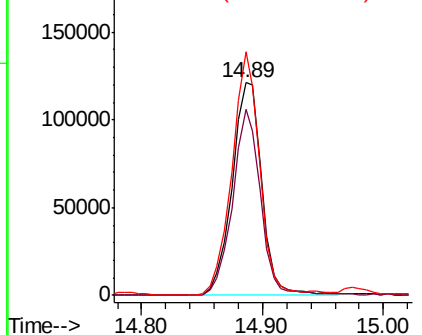


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 46.790 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165885		
63	41.7	40.1	60.1	
89	68.6	63.7	95.5	
182	3.1	2.5	3.7	

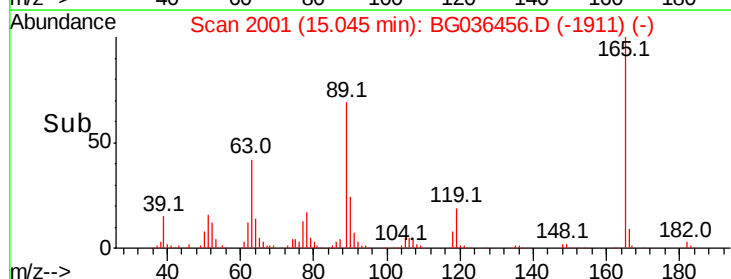
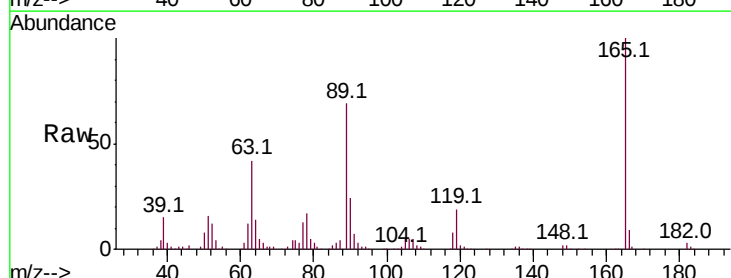
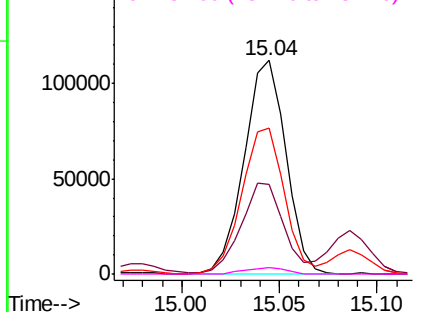
Abundance

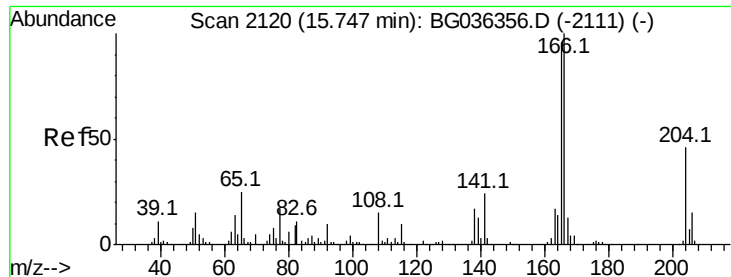
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





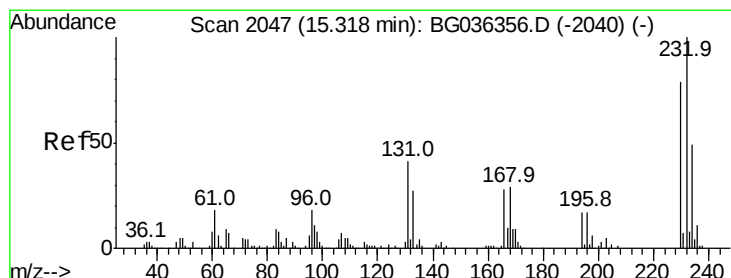
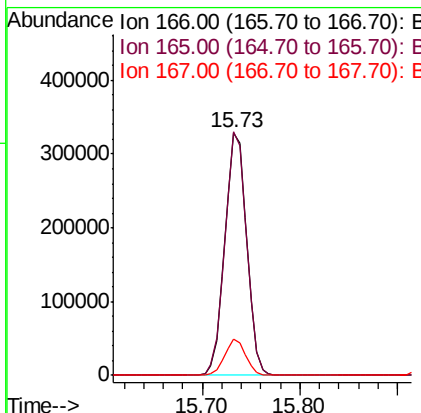
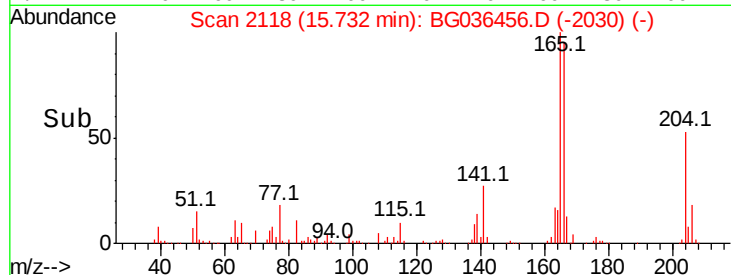
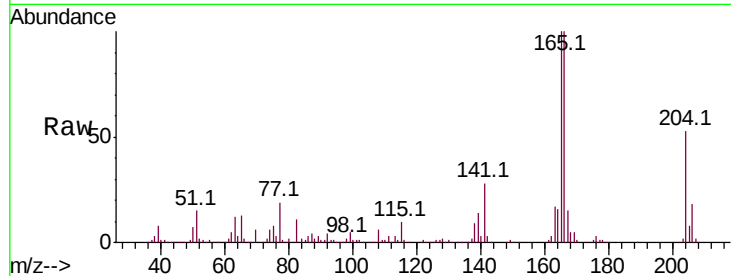
#57
 Fluorene
 Concen: 42.462 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	77.0	115.4	
167	15.1	10.6	16.0	

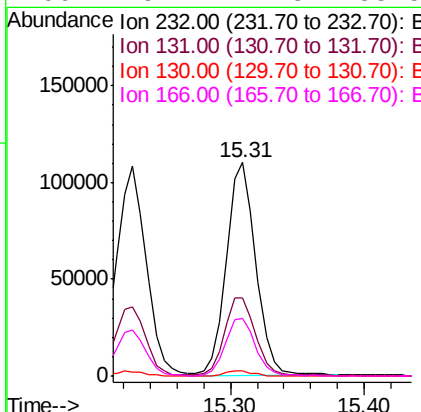
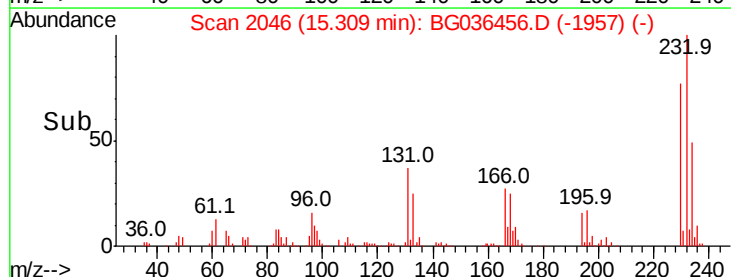
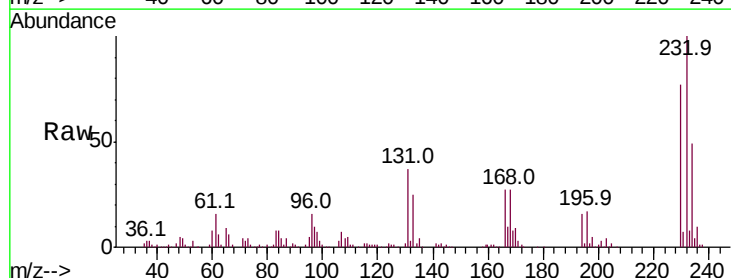
Manual Integrations
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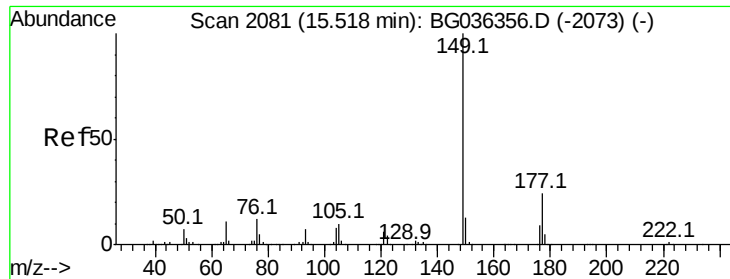
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.616 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.7	33.8	50.8	
130	2.3	2.1	3.1	
166	28.2	22.3	33.5	





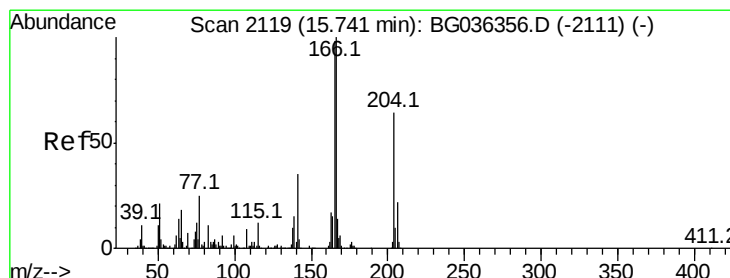
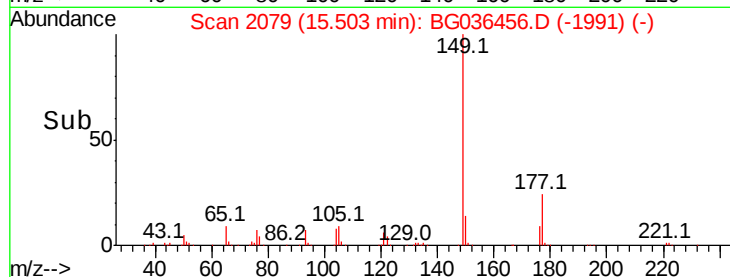
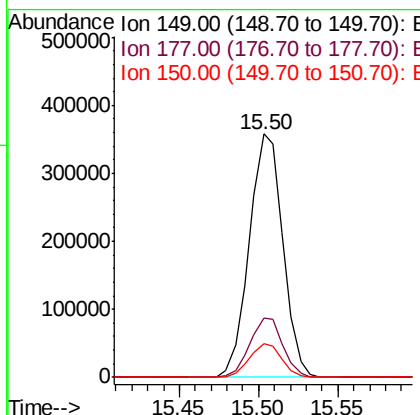
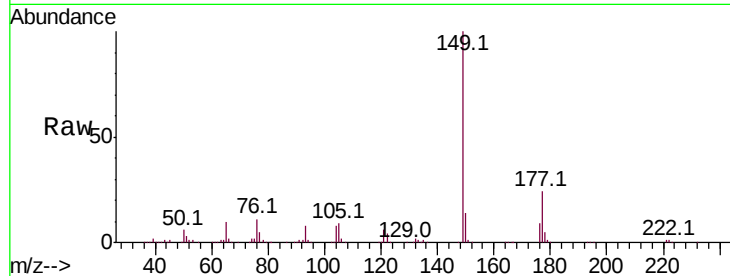
#59
Diethylphthalate
Concen: 39.530 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	24.3	19.1	28.7
150	13.6	10.7	16.1

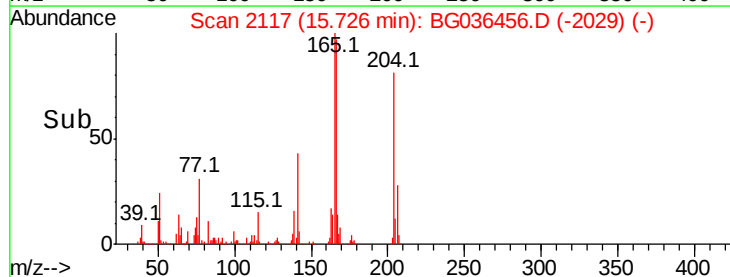
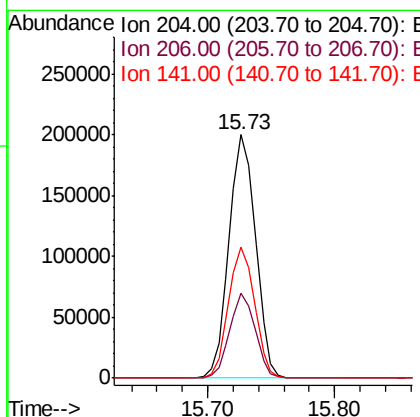
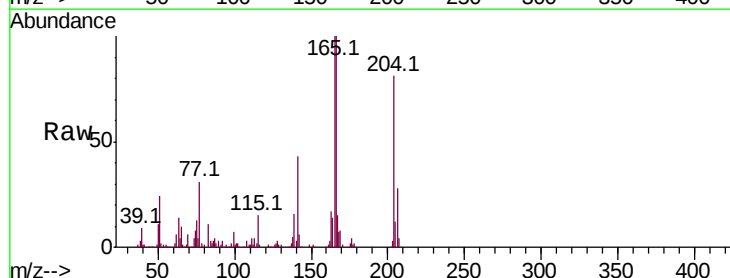
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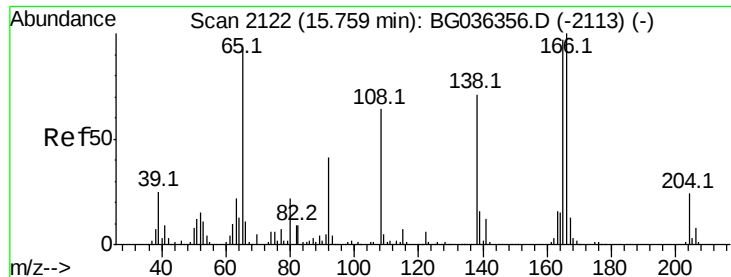
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#60
4-Chlorophenyl-phenylether
Concen: 39.023 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	34.6	27.0	40.4
141	53.6	43.8	65.6





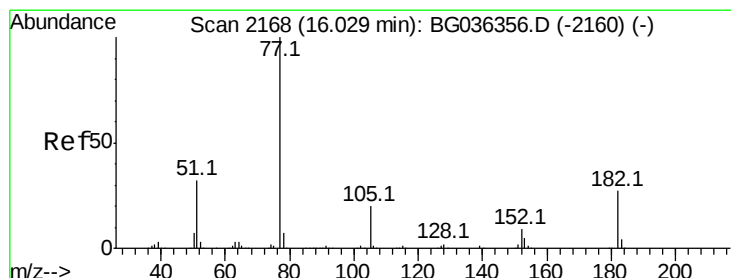
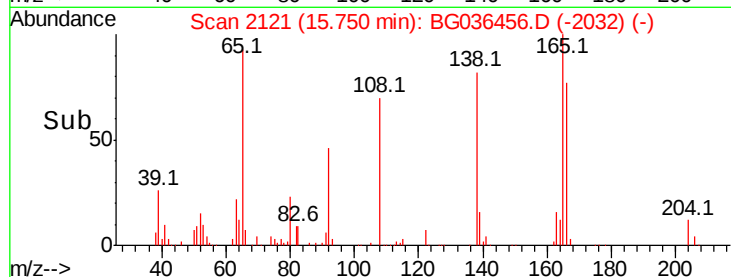
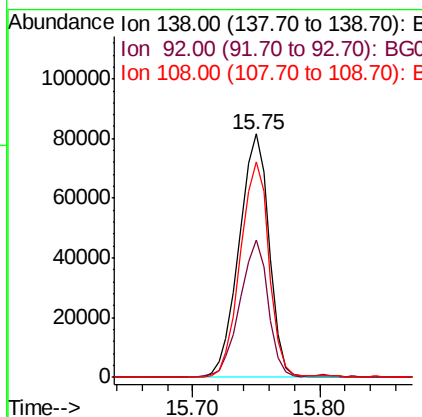
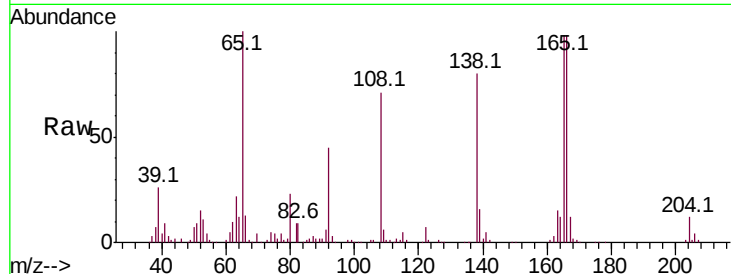
#61
4-Nitroaniline
Concen: 43.726 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampled :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	134133		
92	56.2	38.5	78.5	
108	88.7	70.3	110.3	

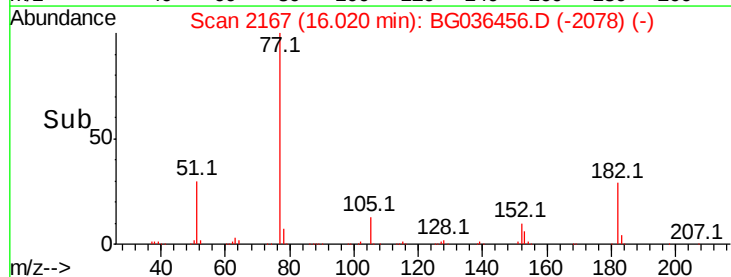
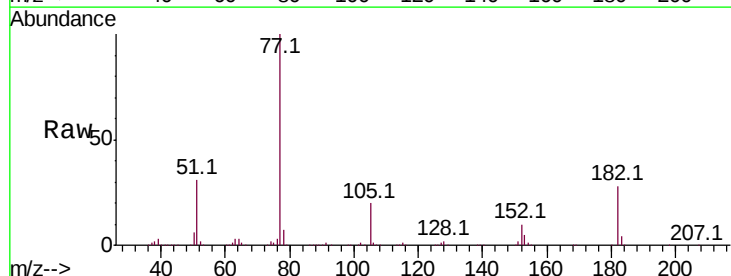
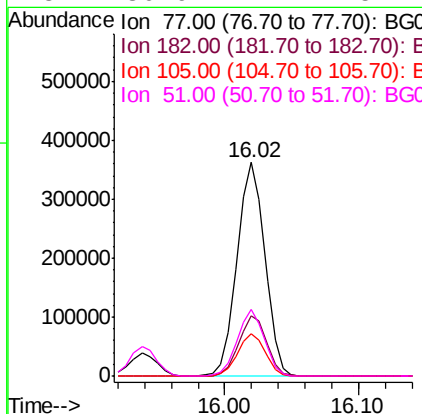
Manual Integrations
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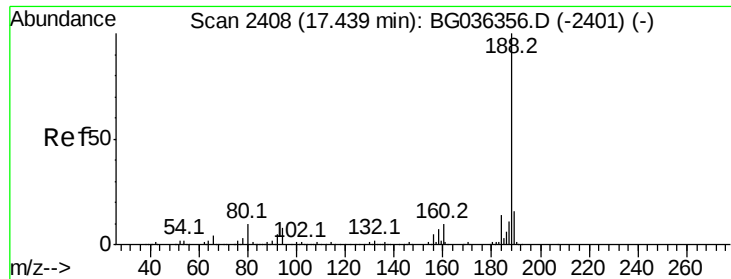
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#62
Azobenzene
Concen: 38.718 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	524845		
182	28.1	6.7	46.7	
105	19.8	0.0	39.8	
51	30.9	12.4	52.4	





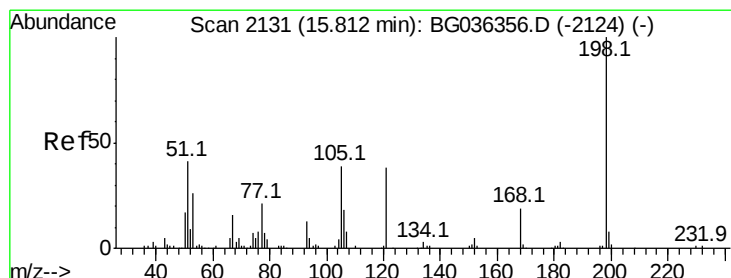
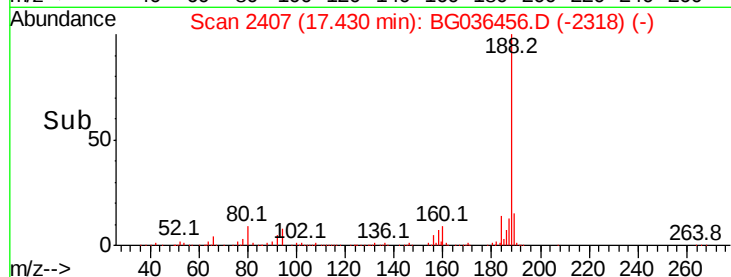
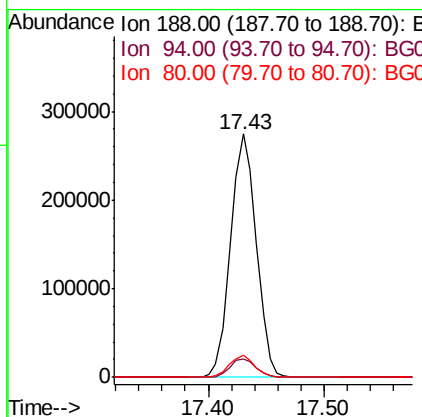
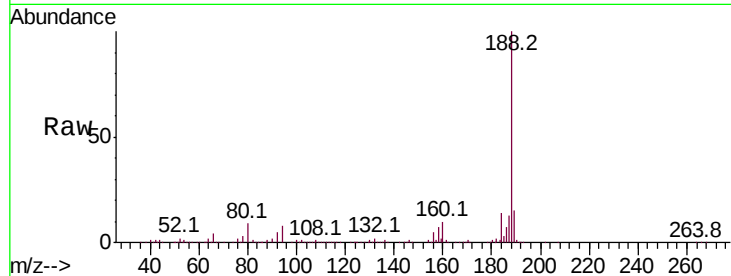
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	422812		
94	7.7	6.7	10.1	
80	9.3	8.1	12.1	

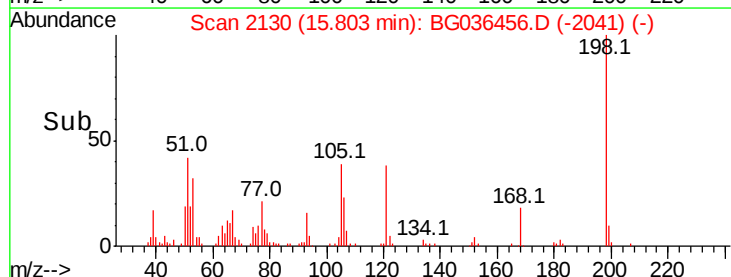
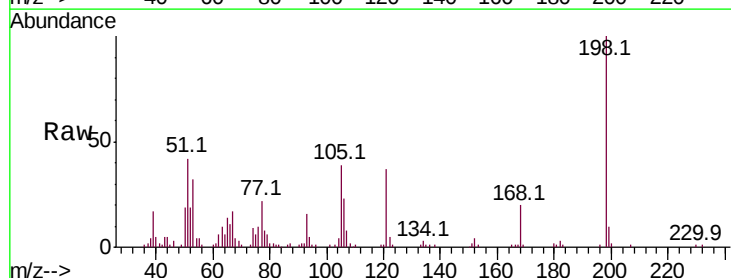
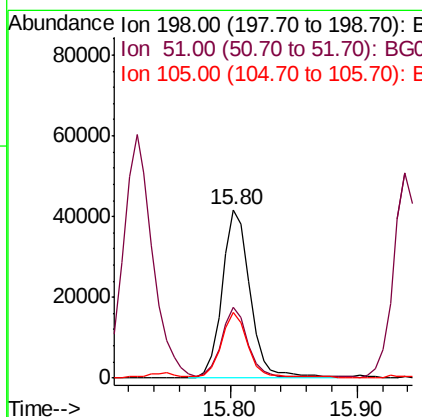
Manual Integrations
APPROVED

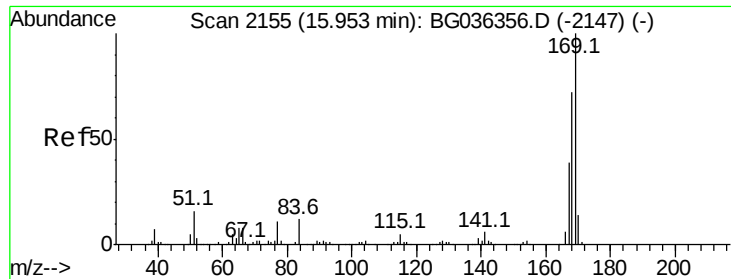
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.237 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	63589		
51	42.3	26.5	66.5	
105	39.2	20.2	60.2	





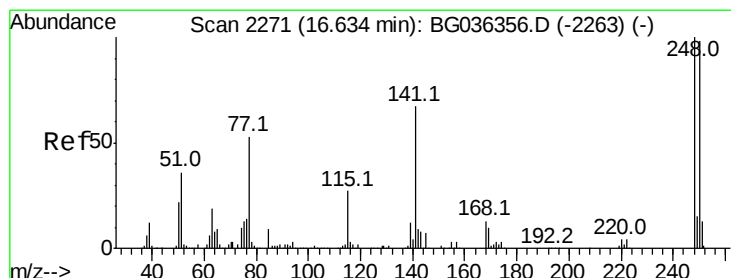
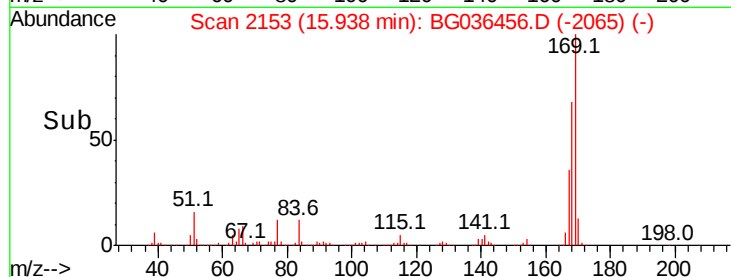
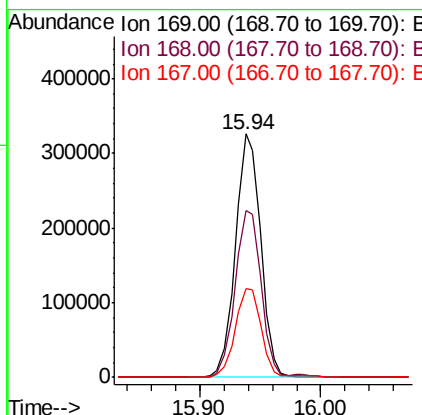
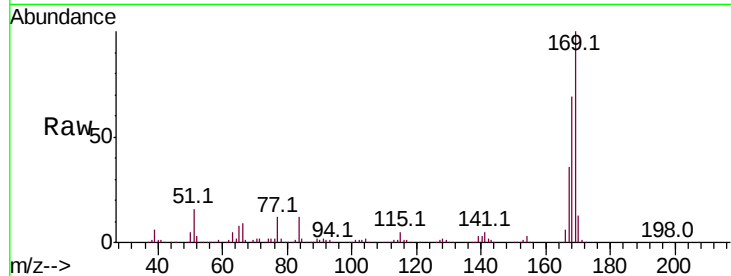
#65
n-Nitrosodiphenylamine
Concen: 37.805 ng
RT: 15.94 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.5	57.6	86.4	
167	36.4	31.0	46.4	

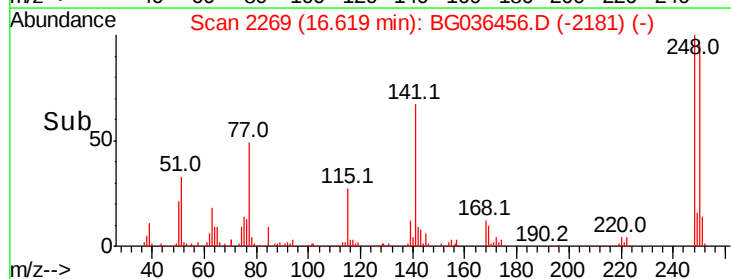
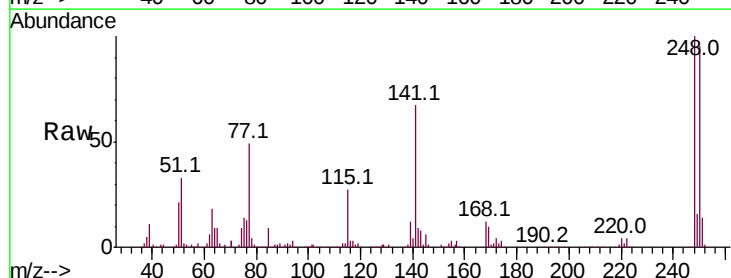
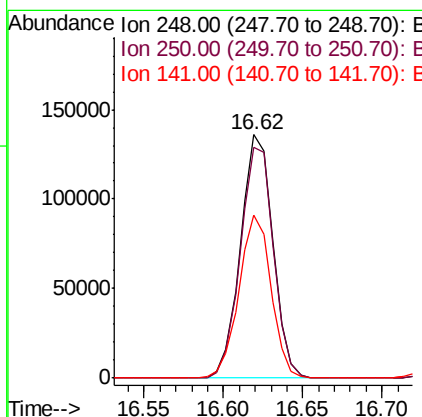
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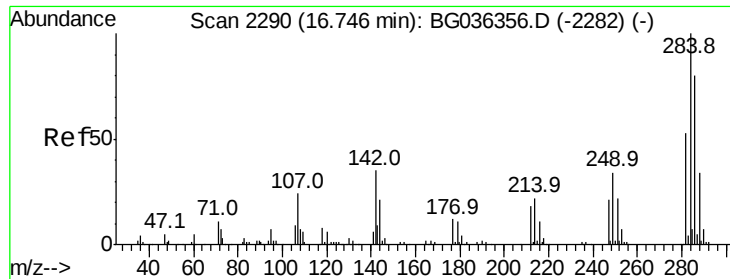
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#66
4-Bromophenyl-phenylether
Concen: 38.883 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.0	78.1	117.1	
141	67.1	53.7	80.5	





#67

Hexachlorobenzene

Concen: 37.835 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

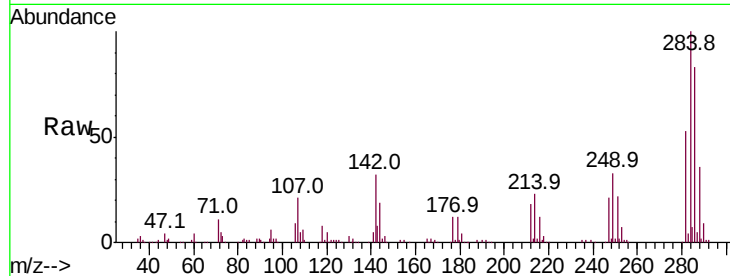
ClientSampleId :

PB112355BS

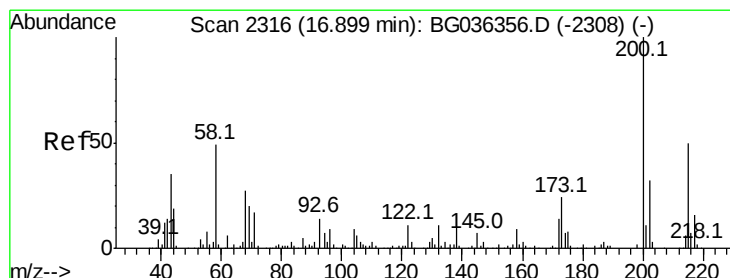
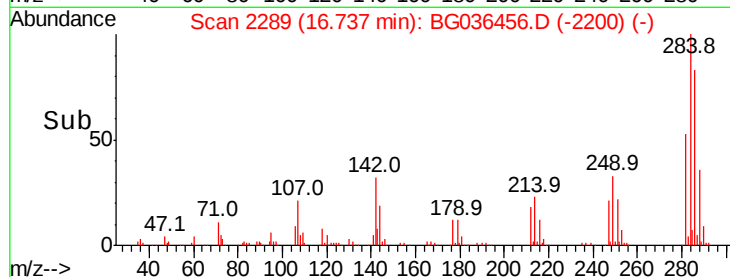
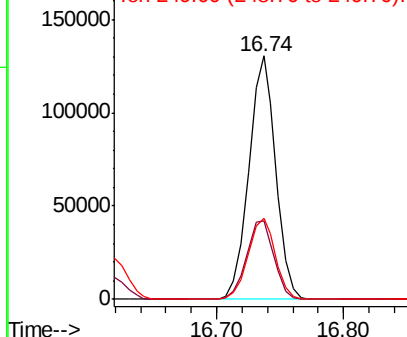
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.2	27.8	41.6	
249	33.5	27.4	41.2	

Manual Integrations
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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



#68

Atrazine

Concen: 42.623 ng

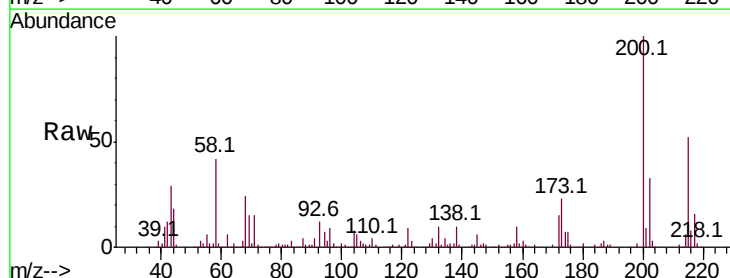
RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

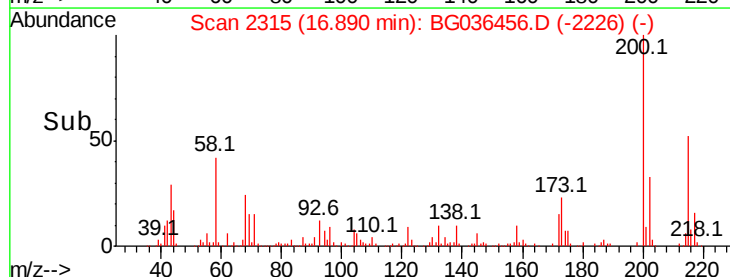
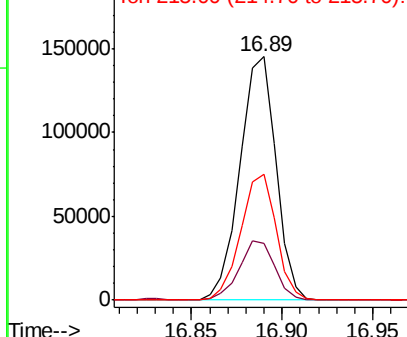
Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.4	3.9	43.9	
215	51.7	30.4	70.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





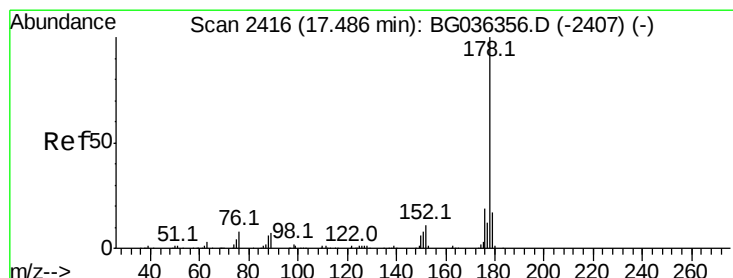
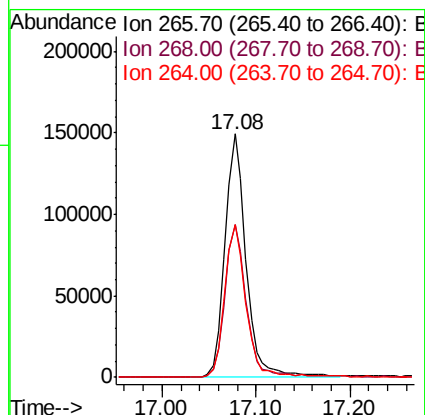
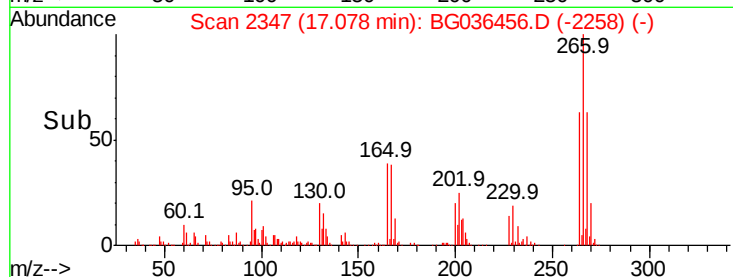
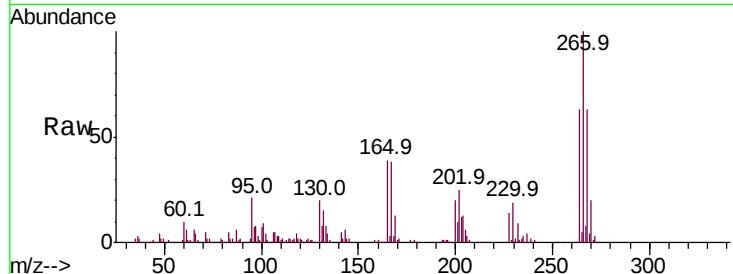
#69
 Pentachlorophenol
 Concen: 68.336 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235089		
268	62.8		51.4	77.2
264	62.7		48.9	73.3

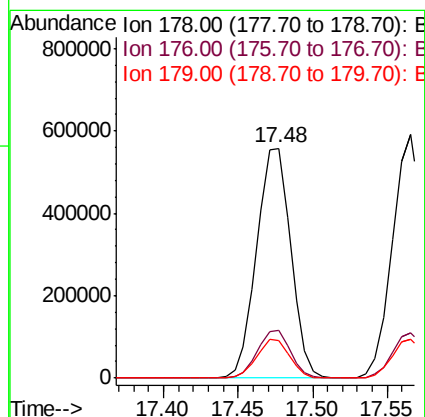
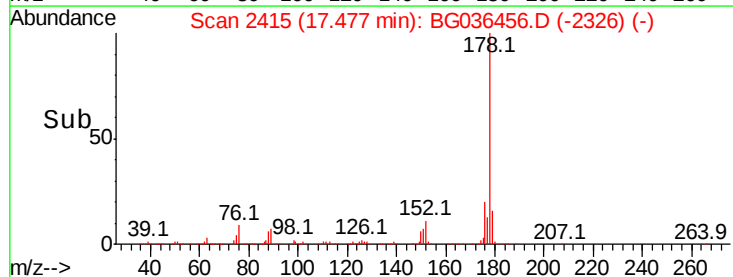
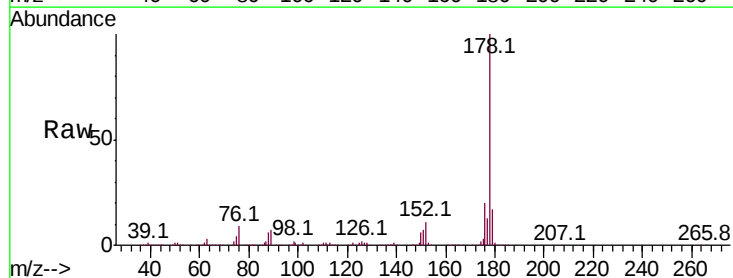
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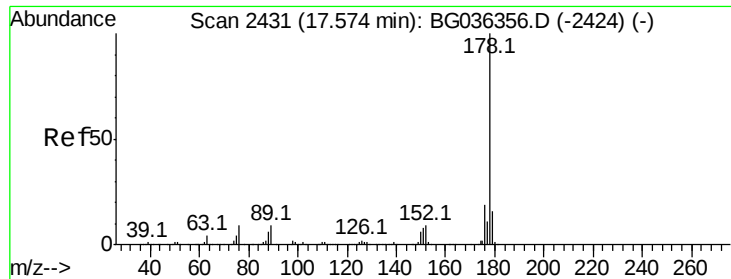
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#70
 Phenanthrene
 Concen: 41.127 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	883585		
176	20.5		15.4	23.2
179	16.5		13.4	20.2





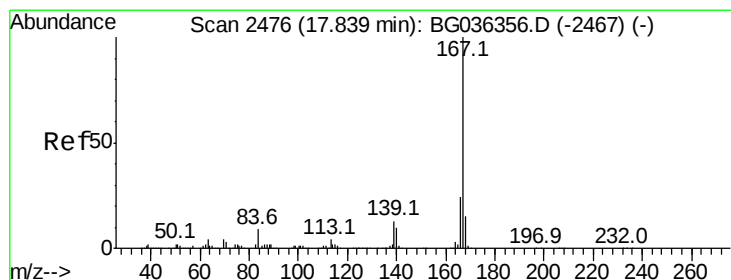
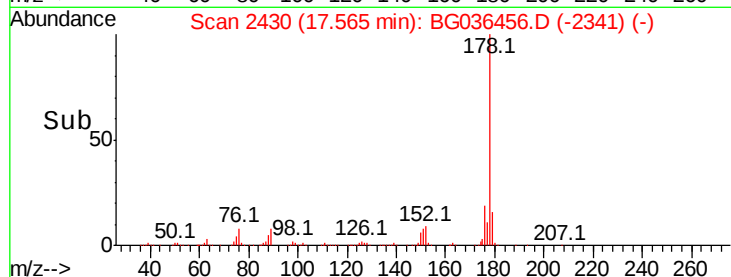
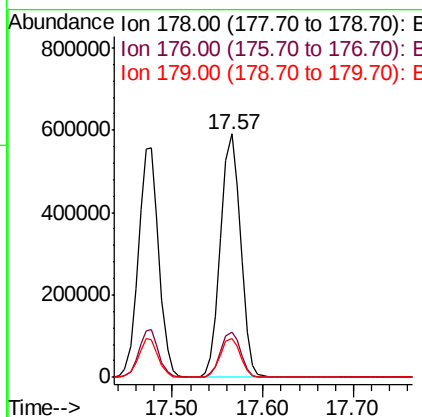
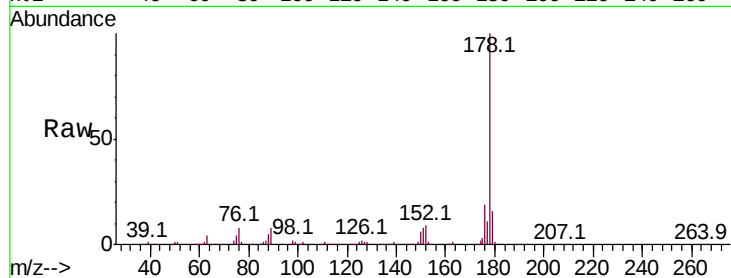
#71
 Anthracene
 Concen: 42.263 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.2	13.0	19.4

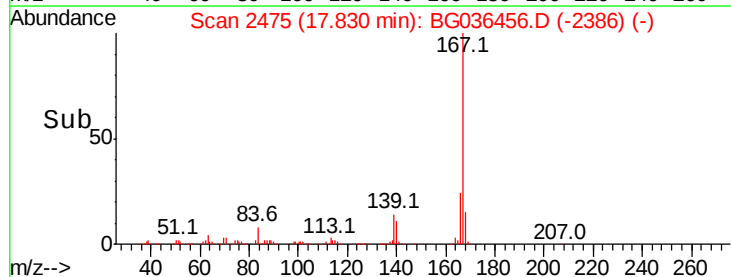
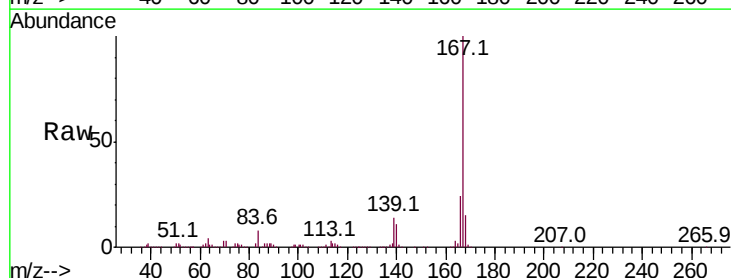
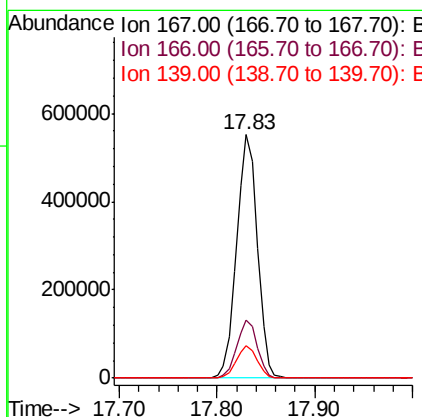
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#72
 Carbazole
 Concen: 38.134 ng
 RT: 17.83 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.5	29.3
139	13.5	10.7	16.1





#73

Di-n-butylphthalate

Concen: 39.432 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

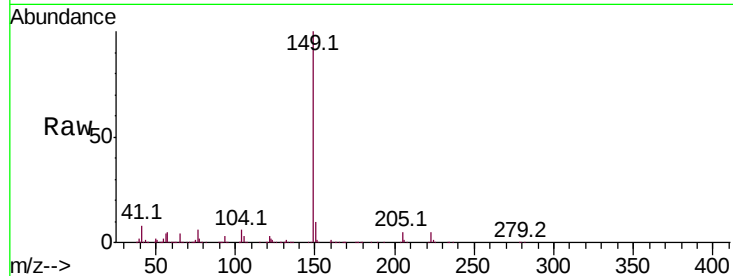
ClientSampleId :

PB112355BS

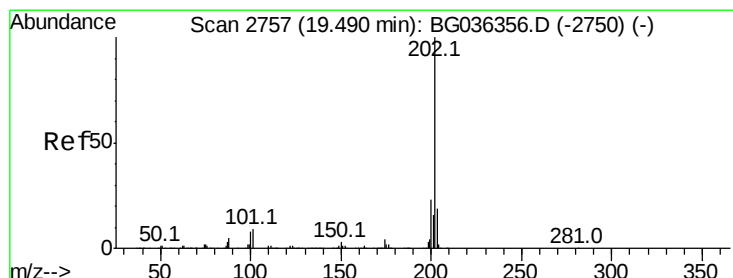
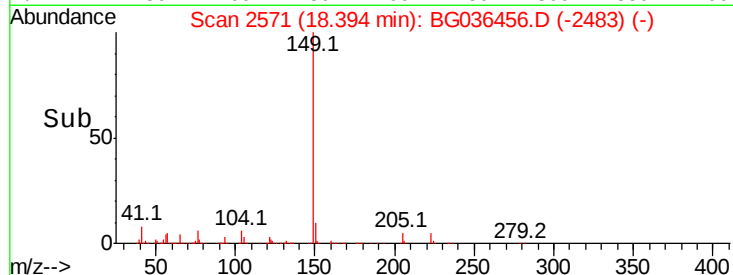
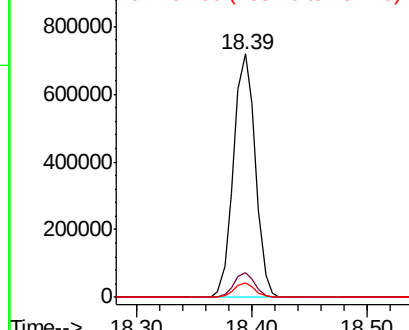
Tot Ion:	149	Resp:	939138
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.1	12.1
104	5.9	4.6	6.8

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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



#74

Fluoranthene

Concen: 42.589 ng

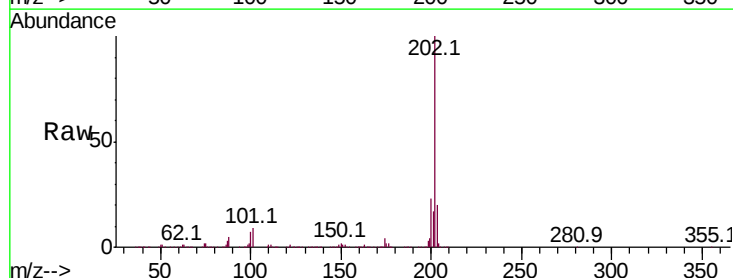
RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

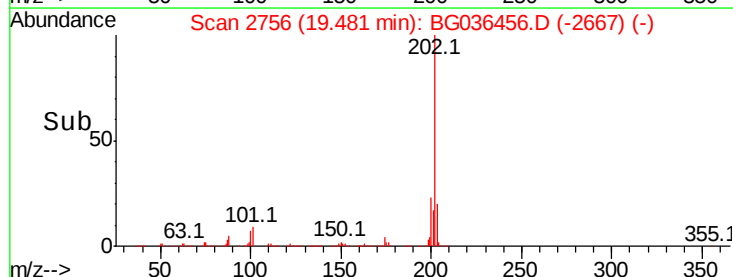
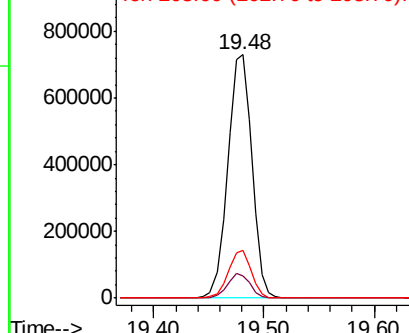
Lab File: BG036456.D

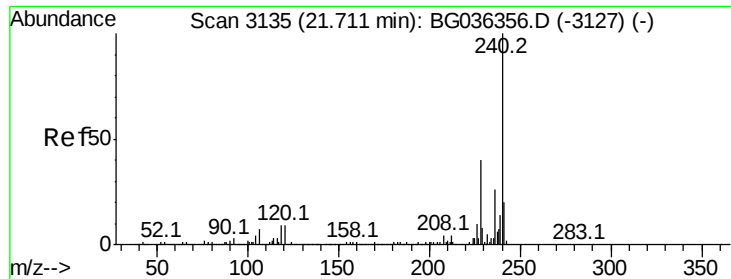
Acq: 28 Aug 2018 8:21

Tgt Ion:	202	Resp:	1115562
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.4
203	19.6	0.0	38.9



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

Instrument :

BNA_G

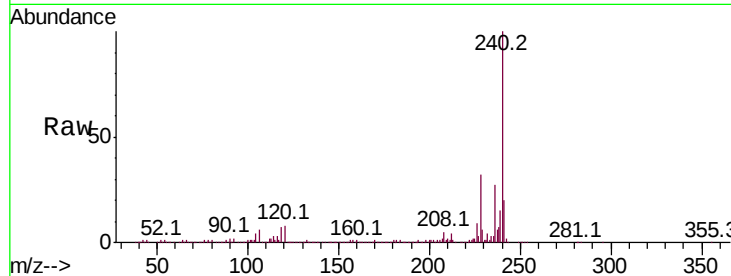
ClientSampleId :

PB112355BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.9	10.3
236	27.5	21.2	31.8

Manual Integrations
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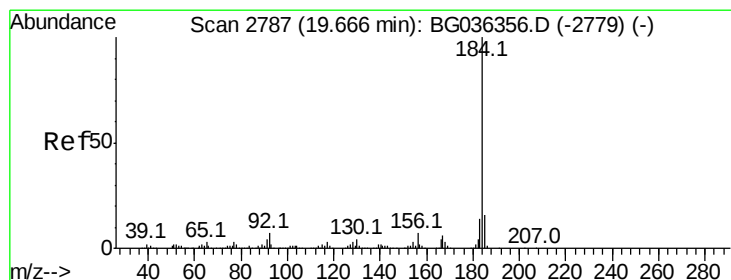
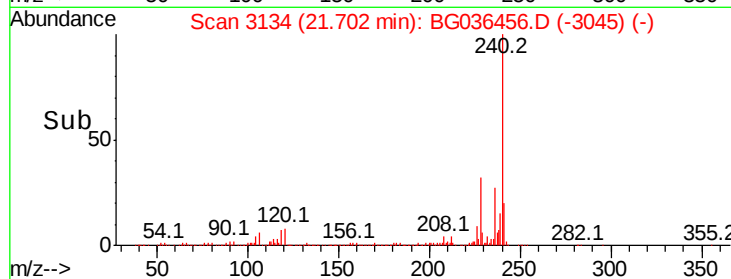
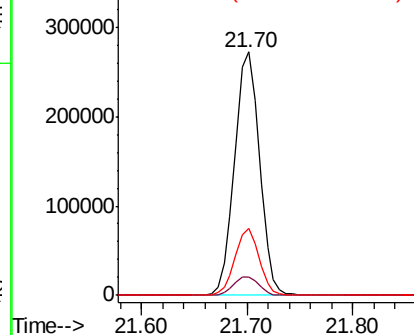
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.286 ng

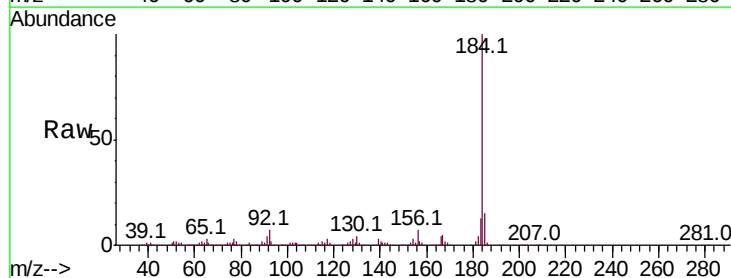
RT: 19.66 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG036456.D

Acq: 28 Aug 2018 8:21

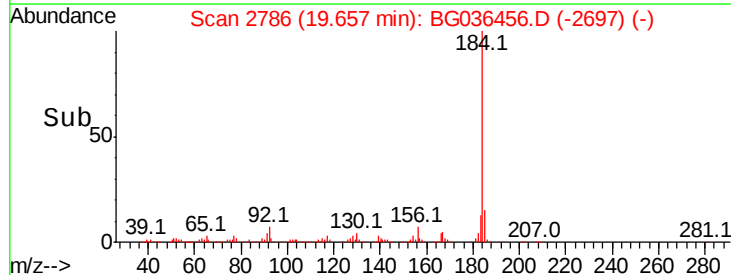
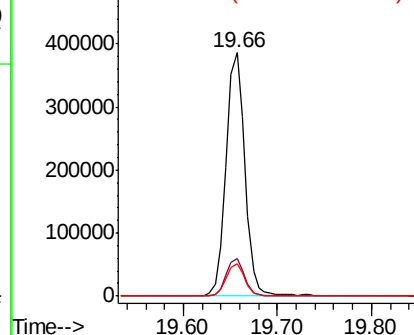
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	13.1	10.9	16.3

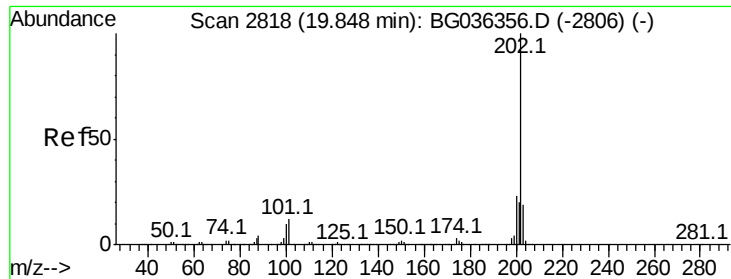


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





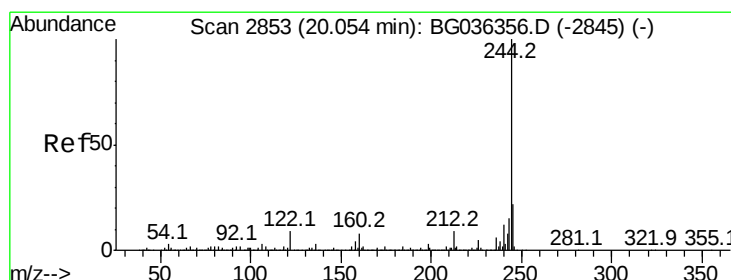
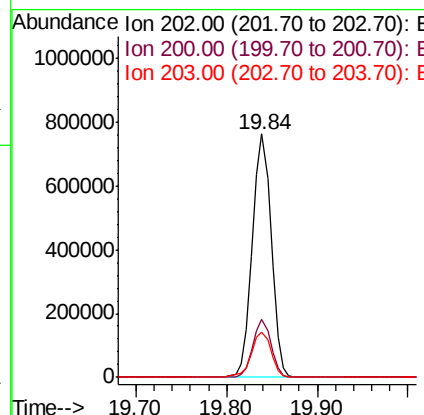
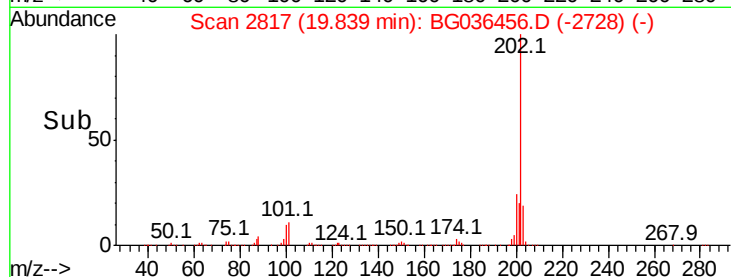
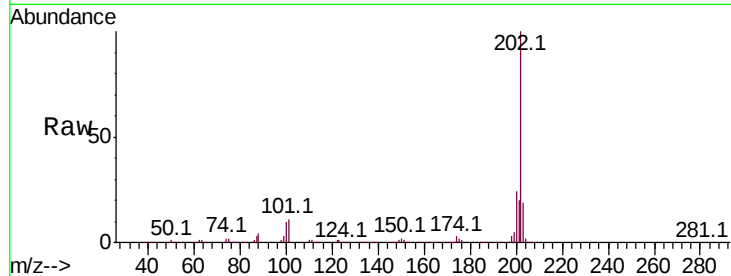
#77
Pvrene
Concen: 40.429 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.3	27.5
203	18.8	15.1	22.7

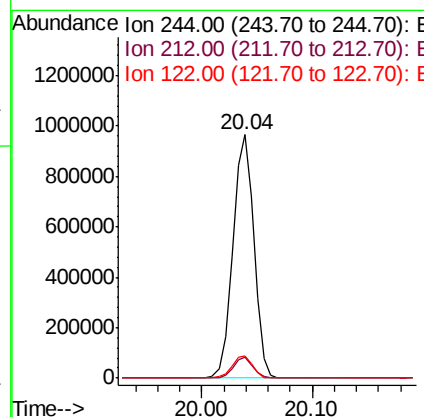
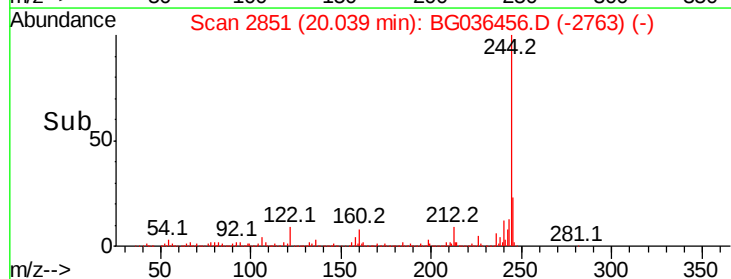
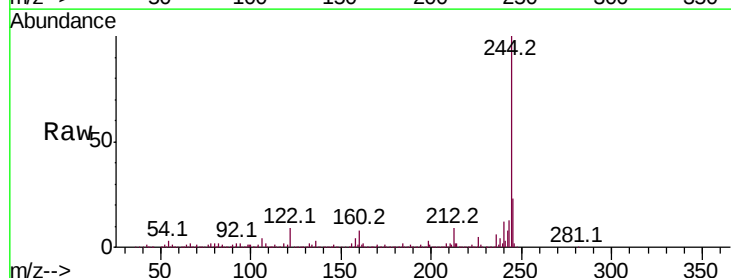
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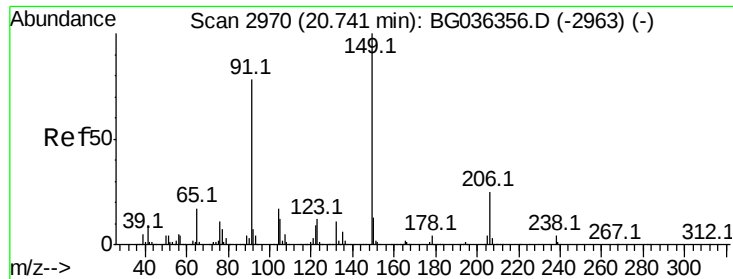
Sohil
8/28/2018 11:19:58 AM



#78
Terphenyl-d14
Concen: 67.629 ng
RT: 20.04 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.0	7.1	10.7





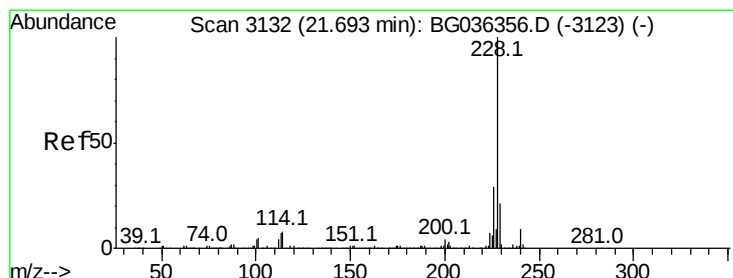
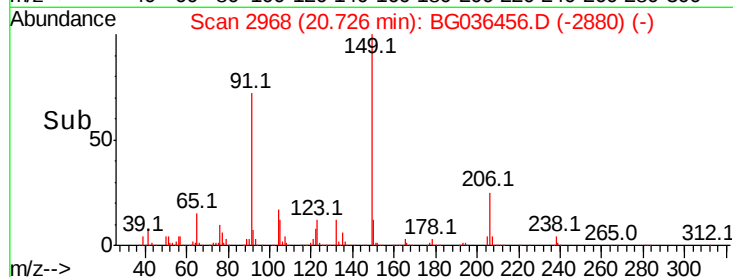
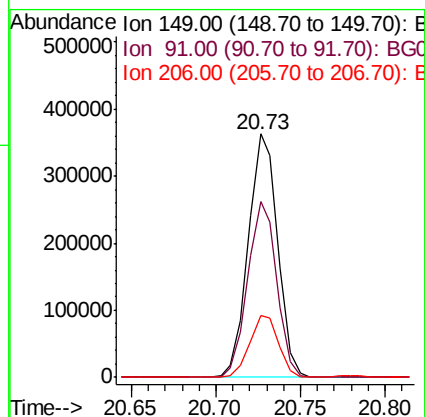
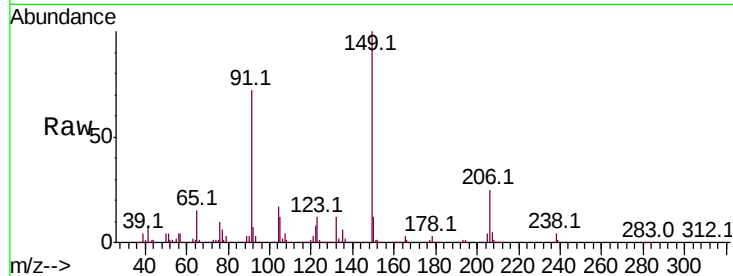
#79
Butylbenzylphthalate
Concen: 40.458 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion:149	Resp: 440097
Ion Ratio Lower Upper	
149 100	
91 72.3	62.0 93.0
206 25.2	19.6 29.4

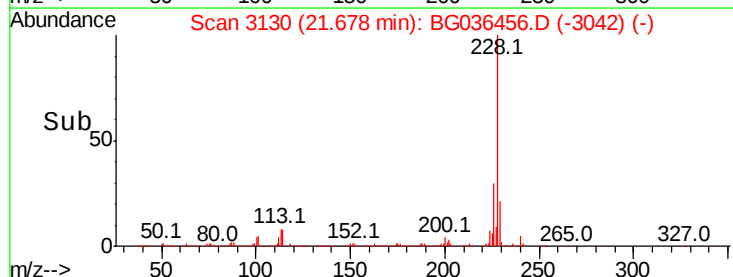
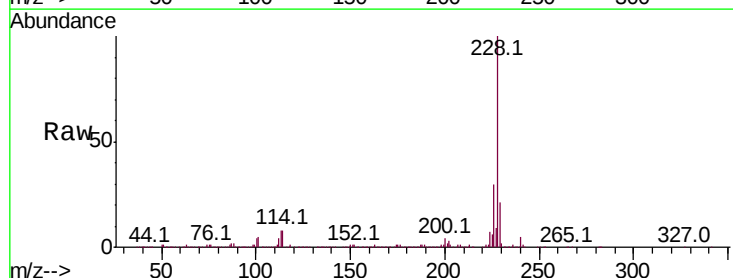
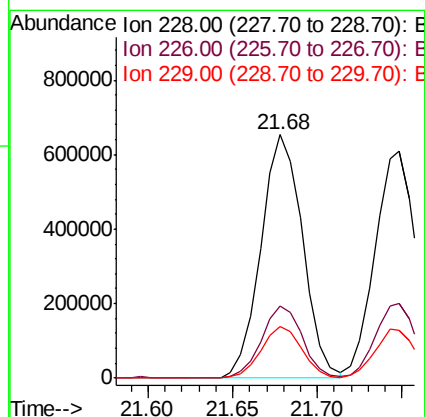
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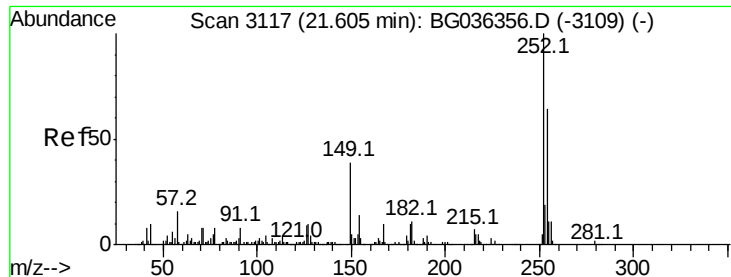
Sohil
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#80
Benzo(a)anthracene
Concen: 41.515 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:228	Resp: 1117929
Ion Ratio Lower Upper	
228 100	
226 29.6	23.4 35.2
229 21.2	17.1 25.7





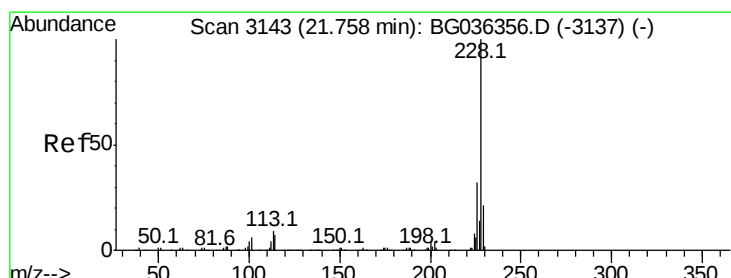
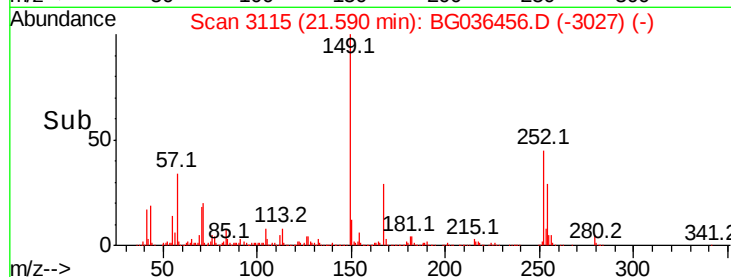
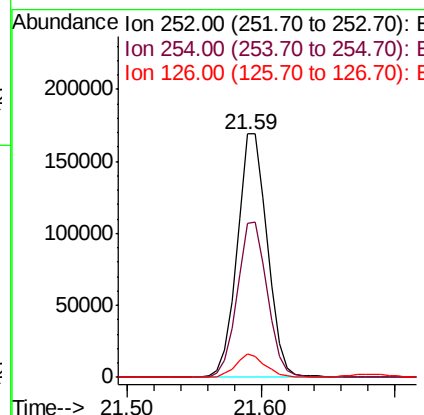
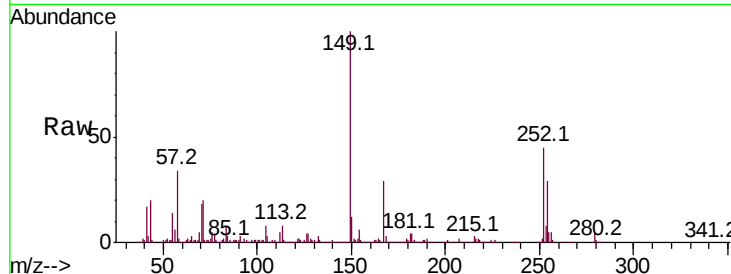
#81
 3,3'-Dichlorobenzidine
 Concen: 24.620 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	264222		
254	63.3	51.0	76.4	
126	9.4	7.4	11.0	

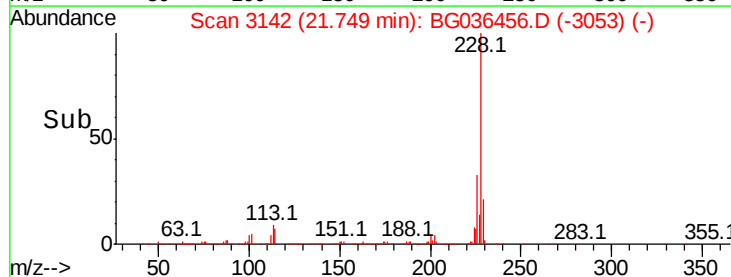
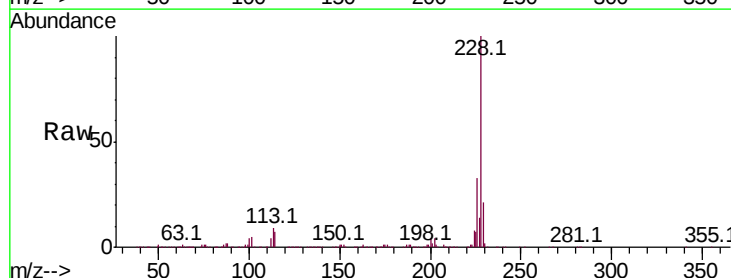
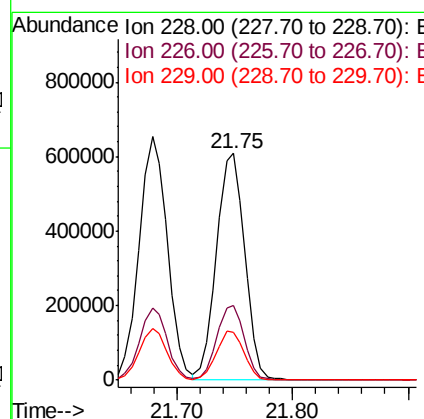
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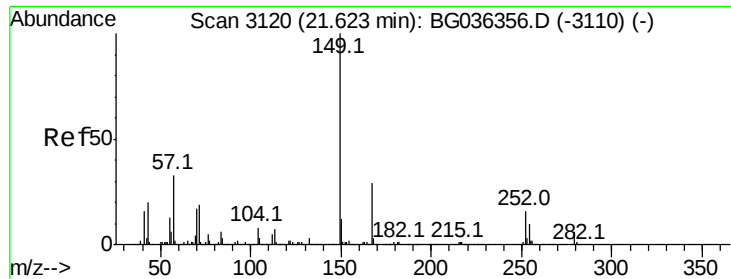
Sohil
 8/28/2018 11:19:58 AM



#82
 Chrysene
 Concen: 40.279 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1028091		
226	32.9	25.5	38.3	
229	21.4	16.9	25.3	





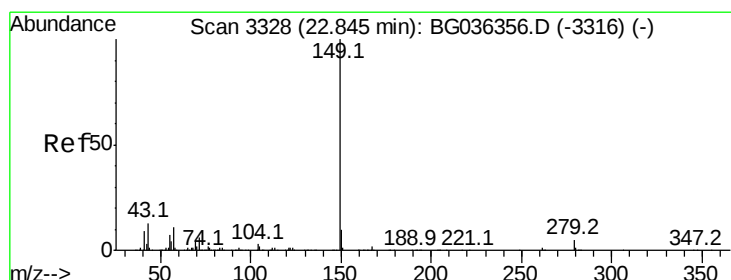
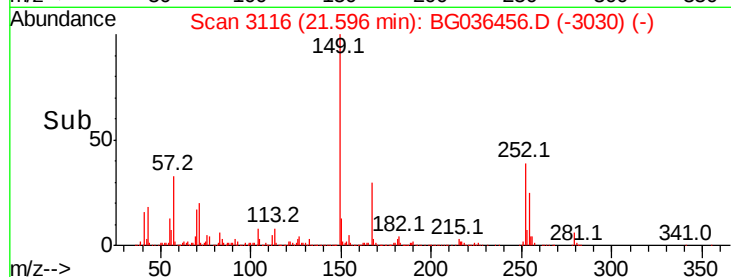
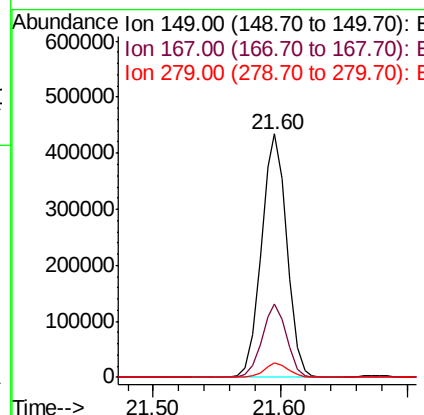
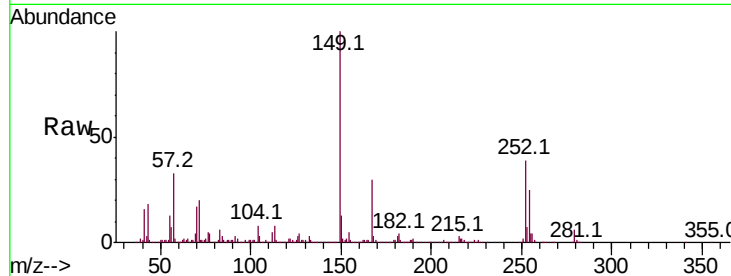
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.769 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.03 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112355BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.4	23.4	35.0	
279	5.9	4.6	7.0	

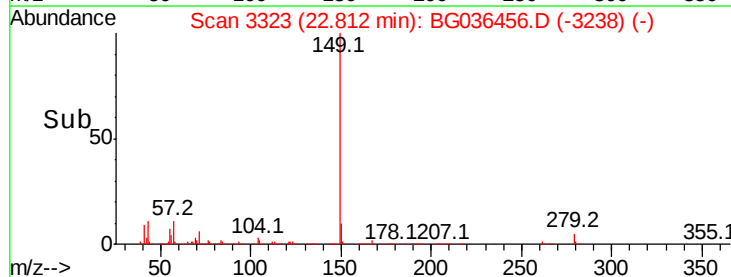
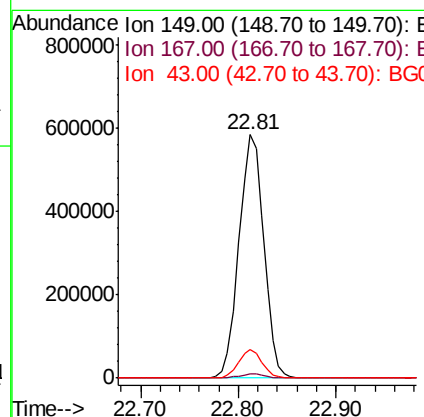
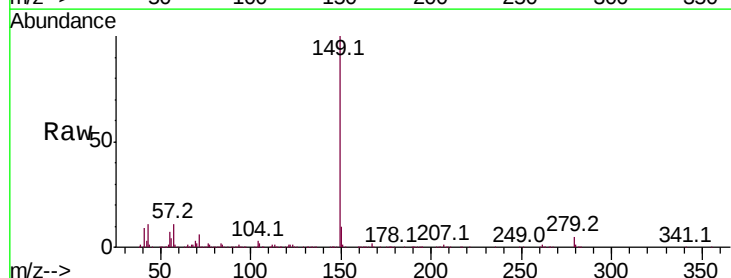
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#84
 Di-n-octyl phthalate
 Concen: 40.654 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.03 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.1	10.0	15.0	





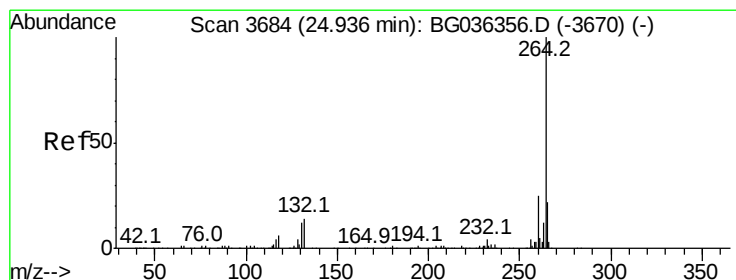
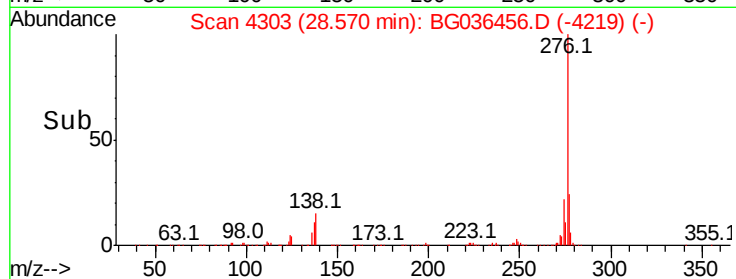
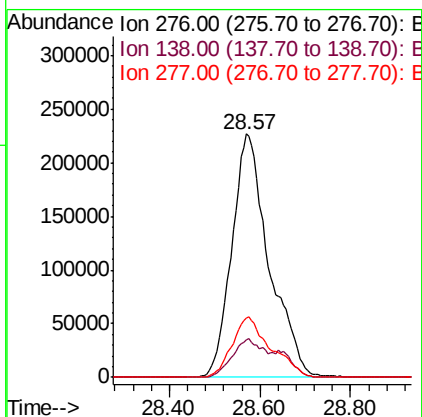
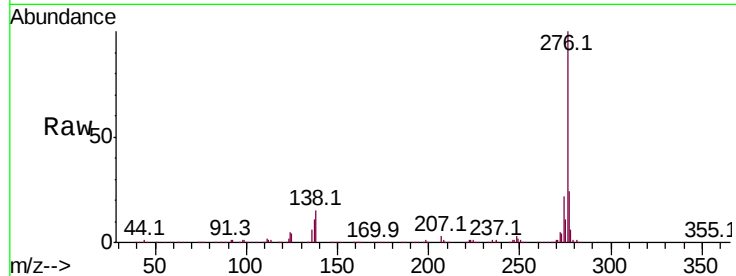
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.626 ng
RT: 28.57 min Scan# 4303
Delta R.T. -0.04 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	10.6	15.8
277	25.7	20.6	30.8

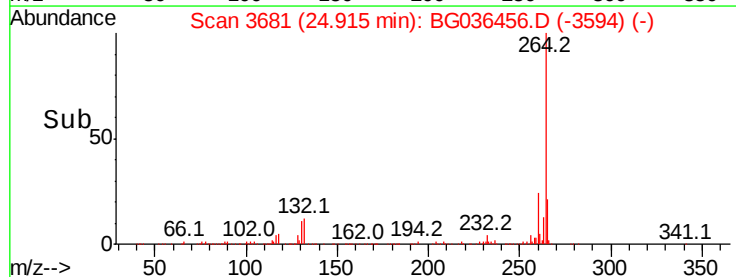
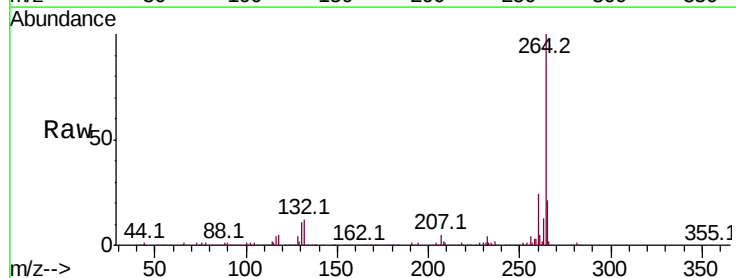
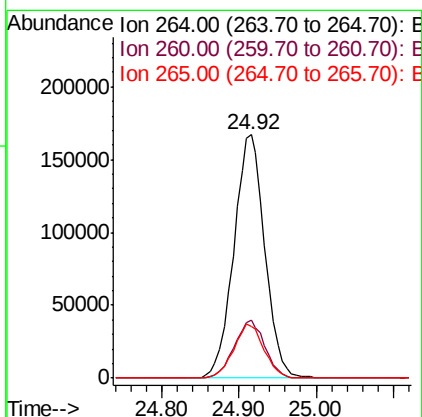
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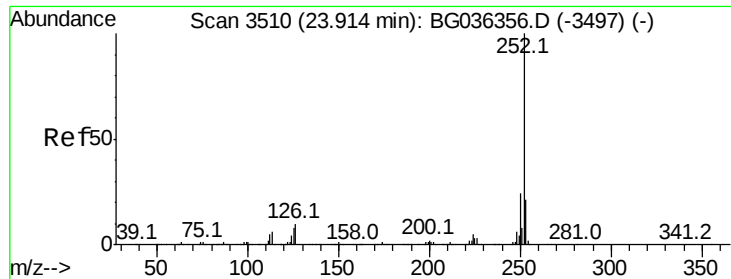
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.1	17.4	26.0





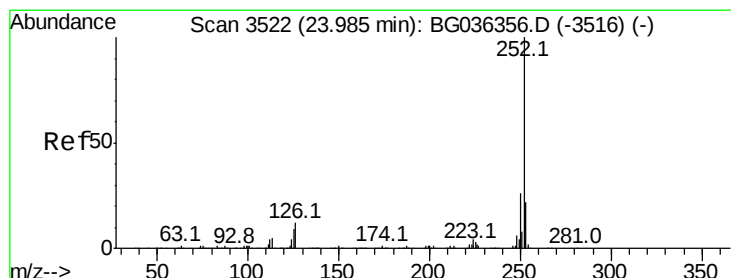
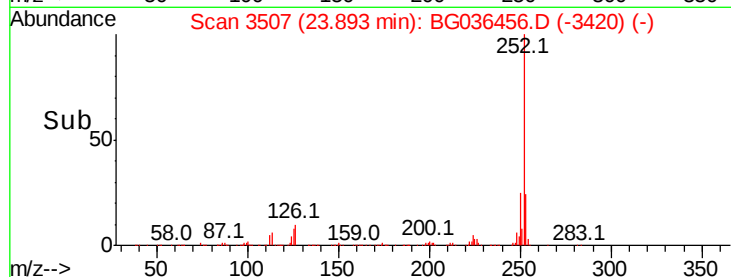
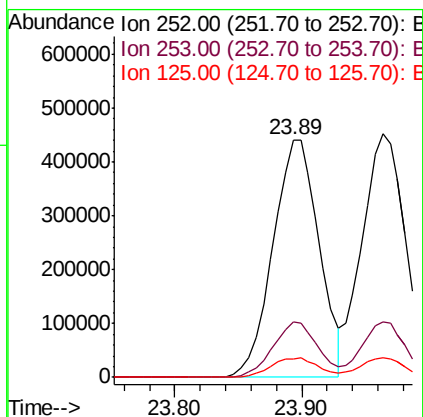
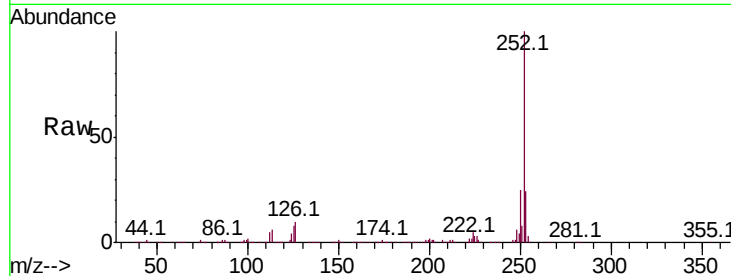
#87
Benzo(b)fluoranthene
Concen: 42.817 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.0	6.6	10.0

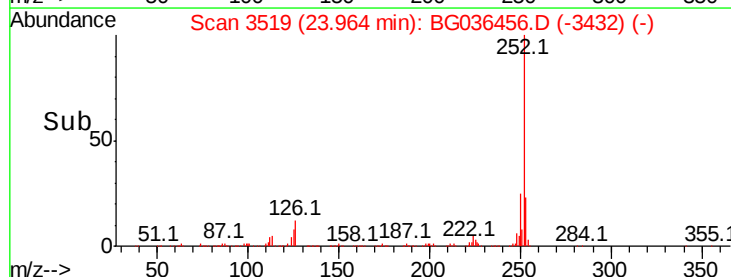
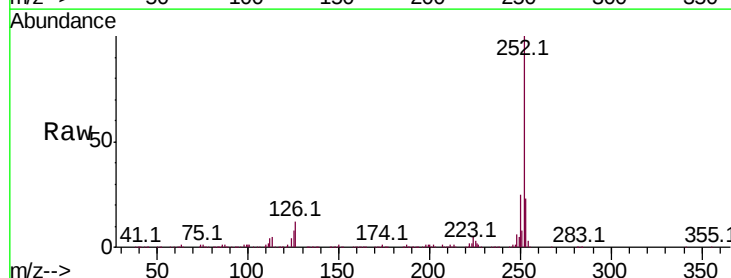
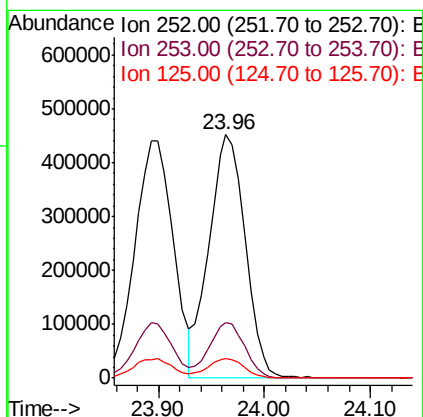
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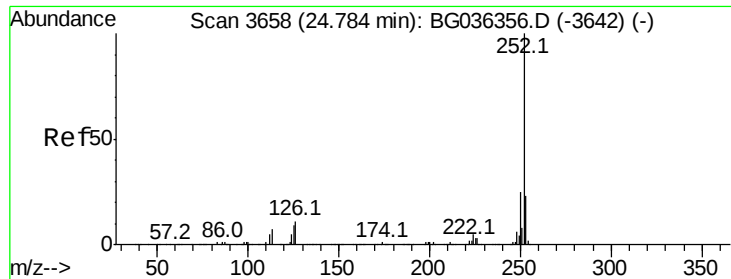
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.231 ng
RT: 23.96 min Scan# 3519
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.0	7.0	10.6





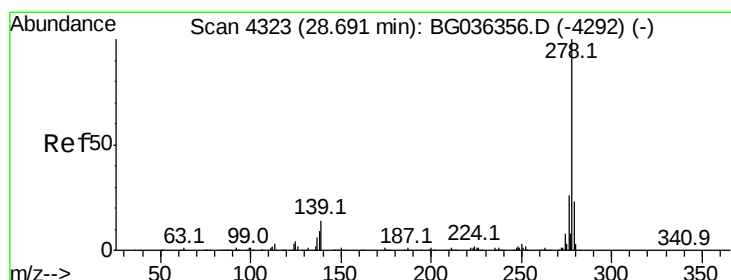
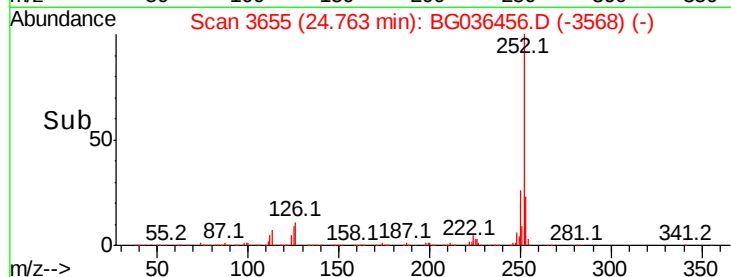
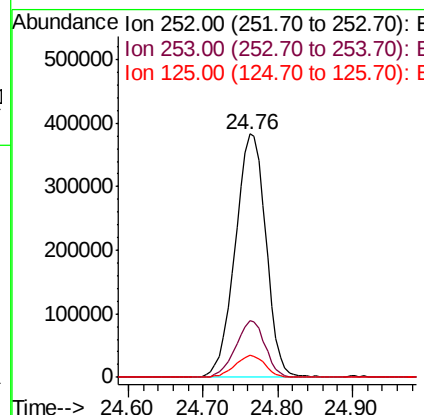
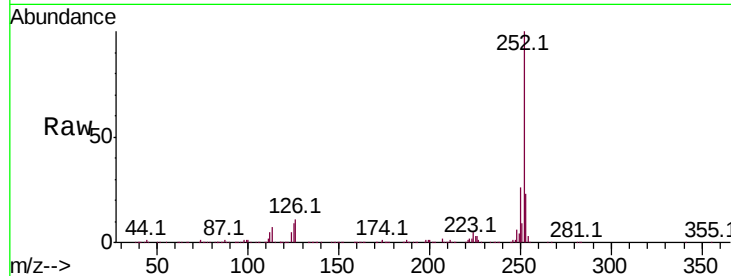
#89
Benzo(a)pyrene
Concen: 43.774 ng
RT: 24.76 min Scan# 3655
Delta R.T. -0.02 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Instrument :
BNA_G
ClientSampleId :
PB112355BS

Tot Ion:252 Resp: 1094214
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 9.1 7.3 10.9

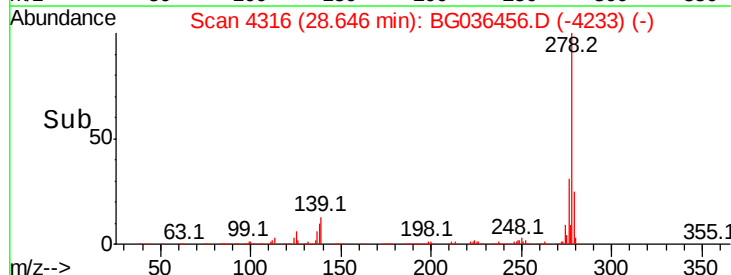
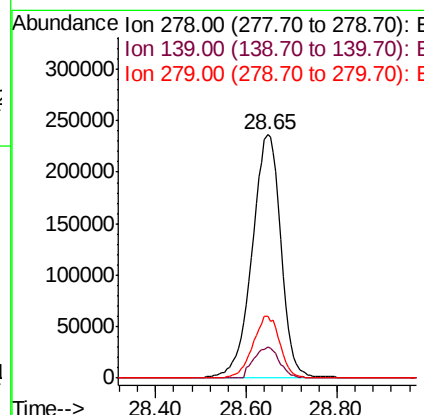
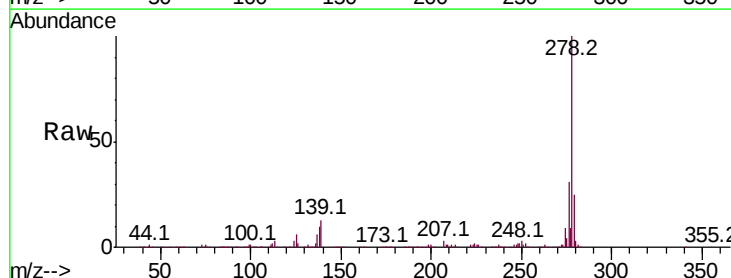
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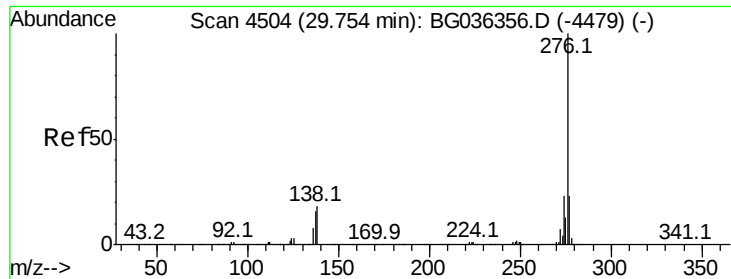
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.130 ng
RT: 28.65 min Scan# 4316
Delta R.T. -0.04 min
Lab File: BG036456.D
Acq: 28 Aug 2018 8:21

Tgt Ion:278 Resp: 1040818
Ion Ratio Lower Upper
278 100
139 12.8 11.0 16.4
279 25.4 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 44.519 ng
 RT: 29.72 min Scan# 4498
 Delta R.T. -0.04 min
 Lab File: BG036456.D
 Acq: 28 Aug 2018 8:21

Instrument :
 BNA_G
 ClientSampled :
 PB112355BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	16.5	14.6	22.0

Manual Integrations
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Sohil
 8/28/2018 11:19:58 AM

