

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038835.D
 Acq On : 26 Dec 2018 18:11
 Operator : JU/SJ
 Sample : J6482-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Manual Integrations
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Sohil
 12/27/2018 8:23:30 AM

Quant Time: Dec 27 00:29:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25091	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	109136	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	78059	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	195382	20.00	ng	0.00
76) Chrysene-d12	21.73	240	198682	20.00	ng	0.00
87) Perylene-d12	25.02	264	213058	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	191540	135.40	ng	0.00
7) Phenol-d6	7.22	99	252731	130.14	ng	0.01
23) Nitrobenzene-d5	9.24	82	184681	86.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	187243	174.05	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	513704	90.28	ng	0.00
79) Terphenyl-d14	20.04	244	936059	102.53	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	16859	25.606	ng	# 32
3) Pyridine	3.91	79	37302	20.578	ng	94
4) n-Nitrosodimethylamine	3.82	42	29651	33.383	ng	90
6) Aniline	7.39	93	24165	9.747	ng	98
8) 2-Chlorophenol	7.62	128	72421	44.238	ng	92
9) Benzaldehyde	7.20	77	39967	31.724	ng	97
10) Phenol	7.25	94	77903	37.758	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	59085	35.969	ng	93
12) 1,3-Dichlorobenzene	7.94	146	70680	36.515	ng	96
13) 1,4-Dichlorobenzene	8.09	146	72270	36.455	ng	99
14) 1,2-Dichlorobenzene	8.41	146	71330	38.166	ng	98
15) Benzyl Alcohol	8.30	79	67462	44.505	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	122903	32.662	ng	99
17) 2-Methylphenol	8.50	107	62583	45.273	ng	98
18) Hexachloroethane	9.13	117	25908	35.765	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	52581	38.550	ng	97
20) 3+4-Methylphenols	8.83	107	85674	44.877	ng	95
22) Acetophenone	8.89	105	107883	39.576	ng	# 96
24) Nitrobenzene	9.28	77	81078	37.517	ng	97
25) Isophorone	9.79	82	159273	41.496	ng	98
26) 2-Nitrophenol	9.99	139	43261	39.111	ng	92
27) 2,4-Dimethylphenol	10.04	122	74325	46.886	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	86541	39.953	ng	98
29) 2,4-Dichlorophenol	10.52	162	88103	49.958	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	84856	39.835	ng	96
31) Naphthalene	10.92	128	227928	42.388	ng	99
32) Benzoic acid	10.20	122	46767	46.775	ng	93
33) 4-Chloroaniline	11.05	127	7344	3.146	ng	94
34) Hexachlorobutadiene	11.18	225	55572	38.554	ng	97
35) Caprolactam	11.85	113	21648	29.662	ng	# 74
36) 4-Chloro-3-methylphenol	12.16	107	92400	45.913	ng	93
37) 2-Methylnaphthalene	12.53	142	177835	46.357	ng	98
38) 1-Methylnaphthalene	12.74	142	170607	45.831	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	112111	38.423	ng	98

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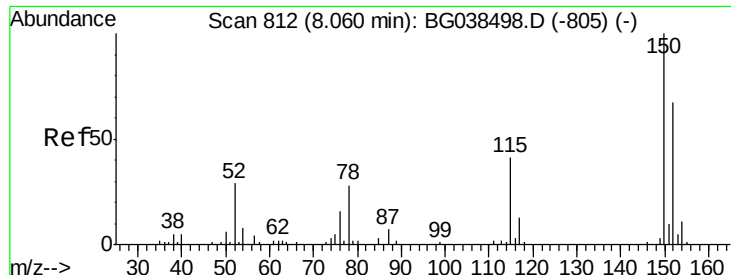
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	126190	78.719	nq	91
43) 2,4,6-Trichlorophenol	13.13	196	83882	46.755	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	93557	49.253	nq	97
46) 1,1'-Biphenyl	13.53	154	246941	37.736	nq	99
47) 2-Chloronaphthalene	13.57	162	200385	39.643	nq	98
48) 2-Nitroaniline	13.79	65	63832	39.645	nq	92
49) Acenaphthylene	14.42	152	327238	43.304	nq	100
50) Dimethylphthalate	14.14	163	276133	43.318	nq	99
51) 2,6-Dinitrotoluene	14.28	165	62206	43.062	nq	93
52) Acenaphthene	14.76	154	186149	41.196	nq	98
53) 3-Nitroaniline	14.62	138	15296	10.387	nq	87
54) 2,4-Dinitrophenol	14.82	184	89676	102.755	nq	97
55) Dibenzofuran	15.10	168	324202	41.856	nq	98
56) 4-Nitrophenol	14.93	139	87603	78.417	nq	97
57) 2,4-Dinitrotoluene	15.07	165	87833	43.169	nq	94
58) Fluorene	15.74	166	259298	45.185	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	85930	50.282	nq	95
60) Diethylphthalate	15.50	149	277902	39.712	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	150904	42.146	nq	99
62) 4-Nitroaniline	15.78	138	51405	33.907	nq	94
63) Azobenzene	16.02	77	218286	37.340	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	60268	43.241	nq	92
66) n-Nitrosodiphenylamine	15.95	169	241565	42.079	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	99709	41.786	nq	95
68) Hexachlorobenzene	16.74	284	104496	42.246	nq	97
69) Atrazine	16.89	200	94970	44.577	nq	97
70) Pentachlorophenol	17.09	266	133460	91.219	nq	97
71) Phenanthrene	17.49	178	441722	43.597	nq	100
72) Anthracene	17.58	178	444223	44.412	nq	98
73) Carbazole	17.86	167	395238	39.955	nq	98
74) Di-n-butylphthalate	18.38	149	452384	39.855	nq	100
75) Fluoranthene	19.50	202	530014	42.280	nq	97
77) Benzidine	19.78	184	787	0.134	nq	# 1
78) Pyrene	19.86	202	529955	40.376	nq	99
80) Butylbenzylphthalate	20.72	149	198082	38.628	nq	99
81) Benzo(a)anthracene	21.70	228	532374	43.974	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	360	0.075	nq	# 59
83) Chrysene	21.78	228	497168	42.635	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	275584	37.892	nq	96
85) Di-n-octyl phthalate	22.79	149	472610	38.801	nq	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	635257	46.337	nq	# 74
88) Benzo(b)fluoranthene	23.97	252	517243	44.217	nq	99
89) Benzo(k)fluoranthene	24.04	252	529750m	45.478	nq	
90) Benzo(a)pyrene	24.87	252	507329	44.955	nq	# 96
91) Dibenzo(a,h)anthracene	28.87	278	533513	47.480	nq	98
92) Benzo(g,h,i)perylene	30.01	276	529390	47.807	nq	# 97

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



#1

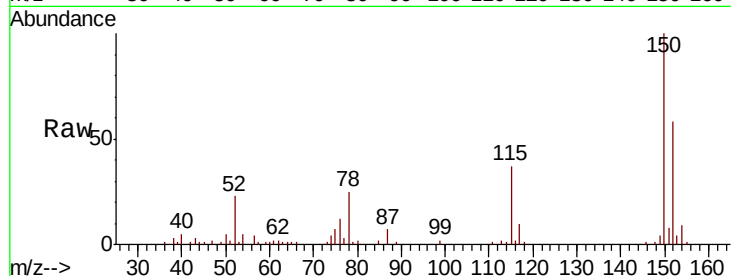
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	173.0	119.5	179.3
115	63.2	49.6	74.4

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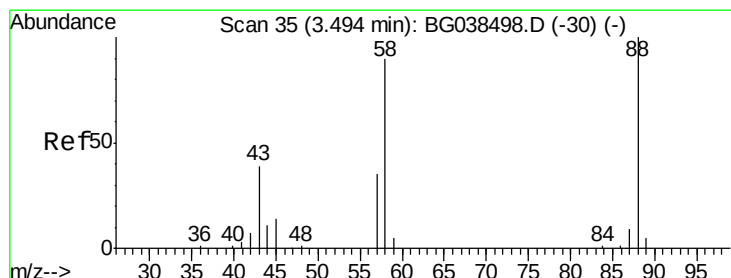
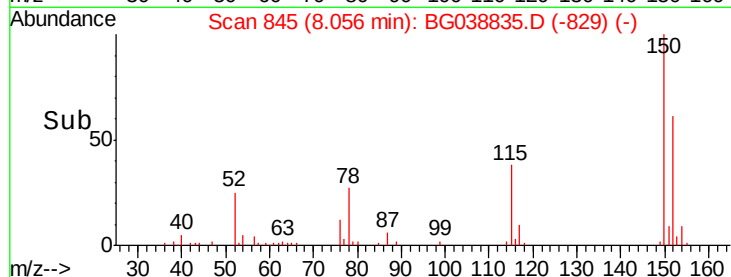
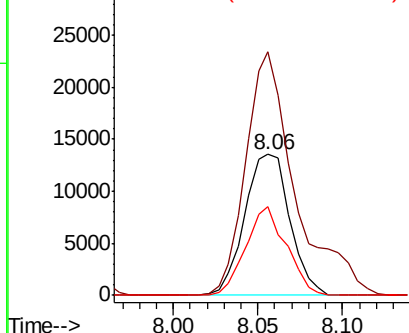


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

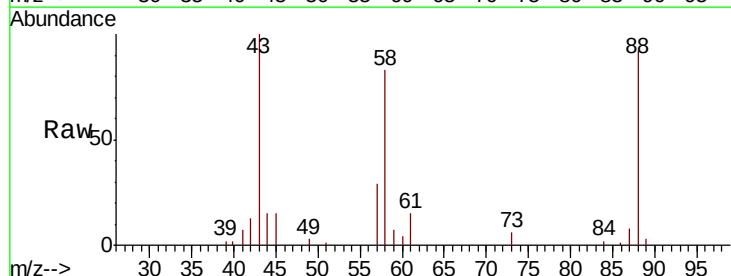
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.606 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.8	75.7	113.5
43	178.7	31.6	47.4

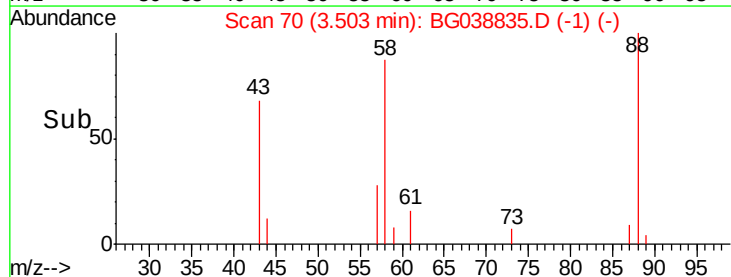
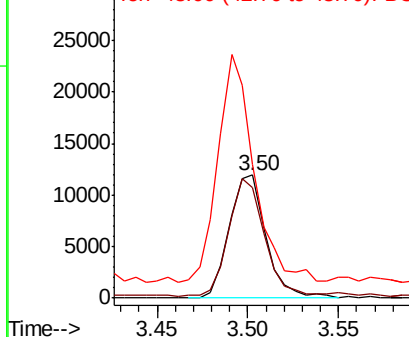


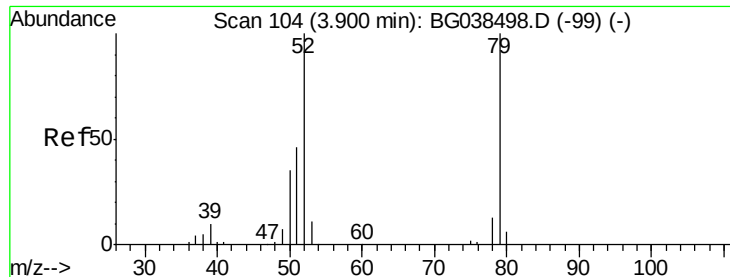
Abundance

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





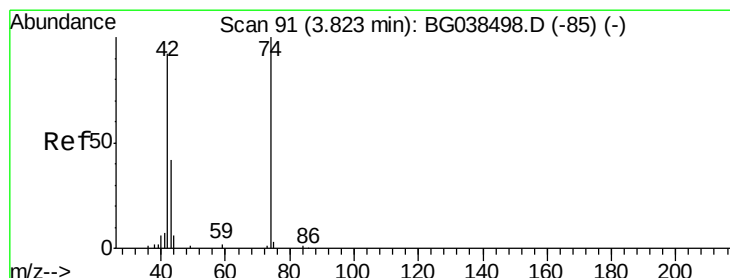
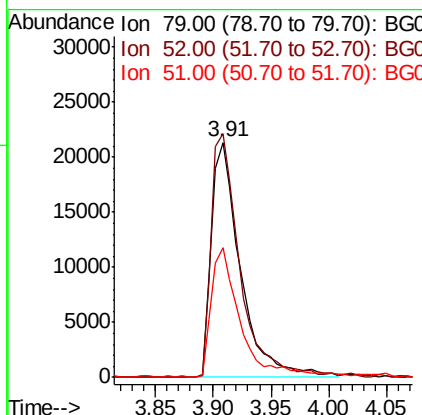
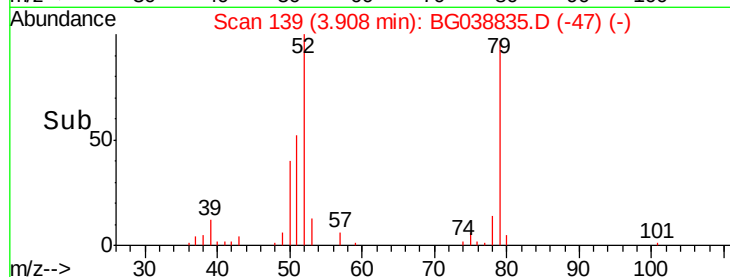
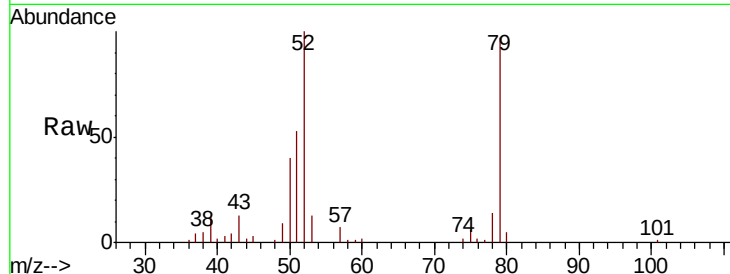
#3
 Pvridine
 Concen: 20.578 ng
 RT: 3.91 min Scan# 139
 Delta R.T. 0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.6	80.2	120.2
51	55.3	38.0	57.0

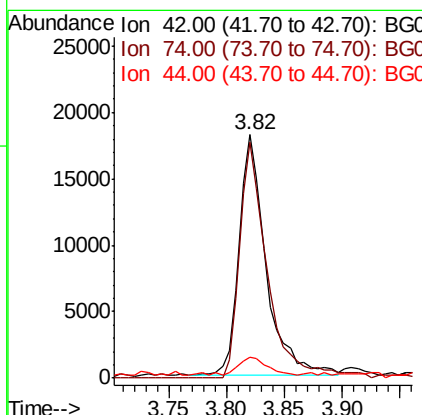
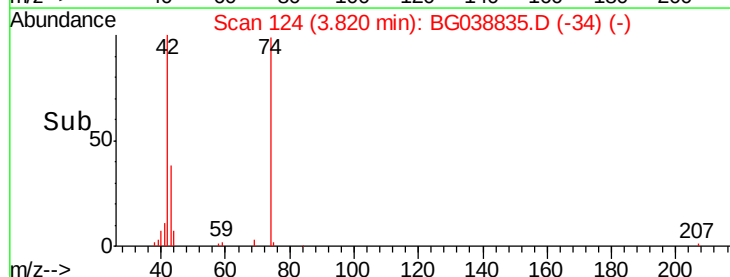
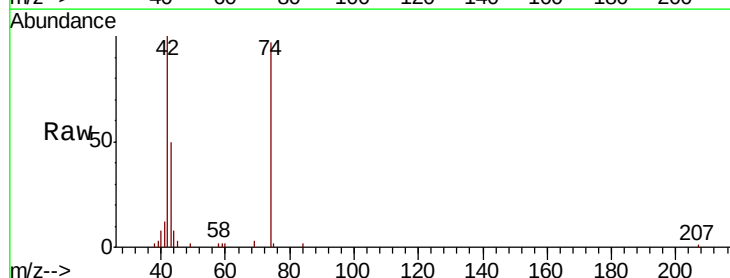
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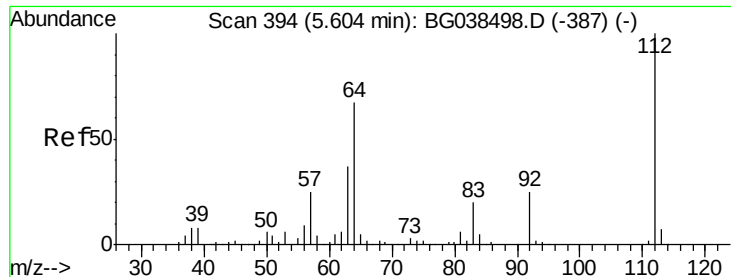
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#4
 n-Nitrosodimethylamine
 Concen: 33.383 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	96.9	86.7	130.1
44	8.5	7.8	11.8





#5

2-Fluorophenol

Concen: 135.397 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

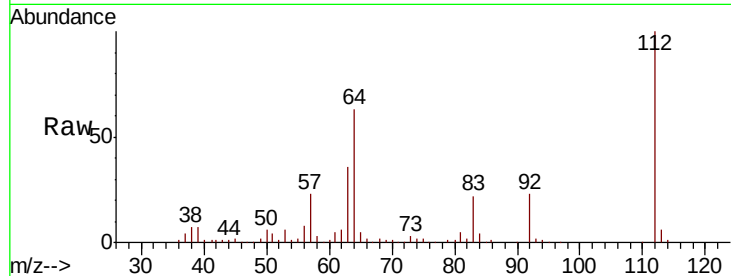
ClientSampled :

R20-OSMSD

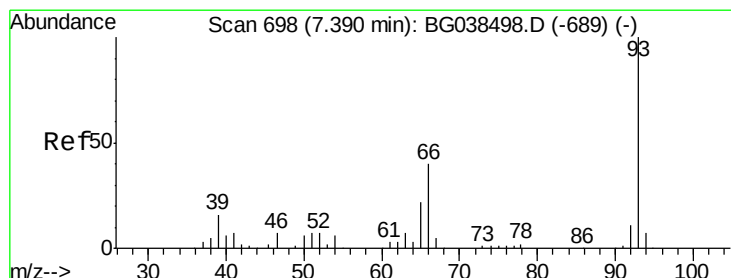
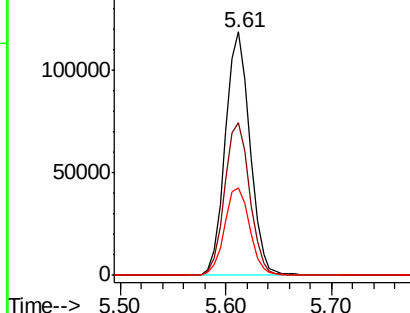
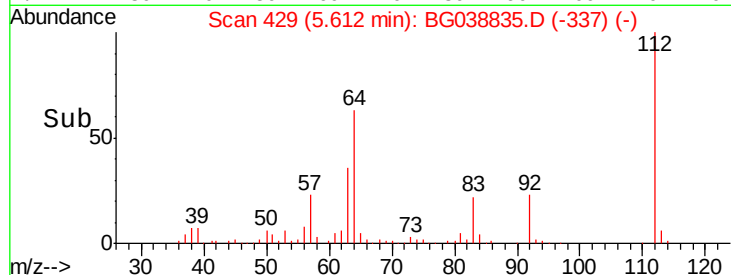
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		191540		
64	62.8	53.4	80.2		
63	35.9	29.3	43.9		

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



#6

Aniline

Concen: 9.747 ng

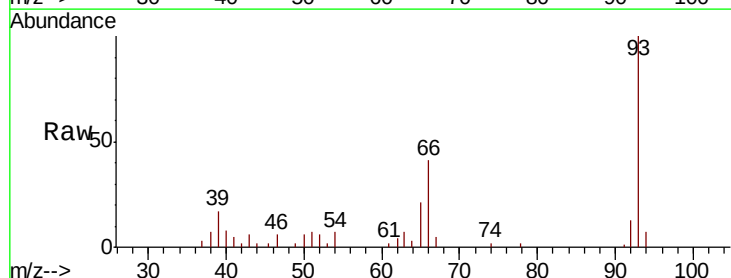
RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

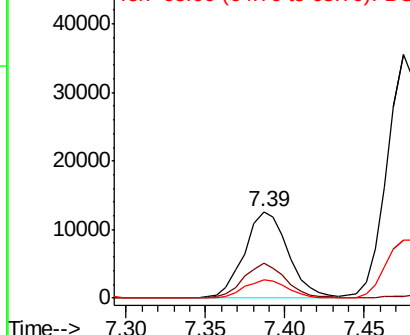
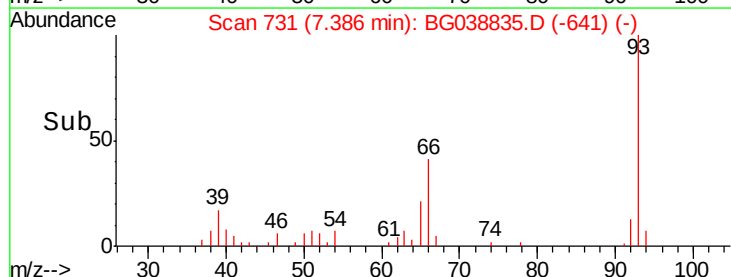
Lab File: BG038835.D

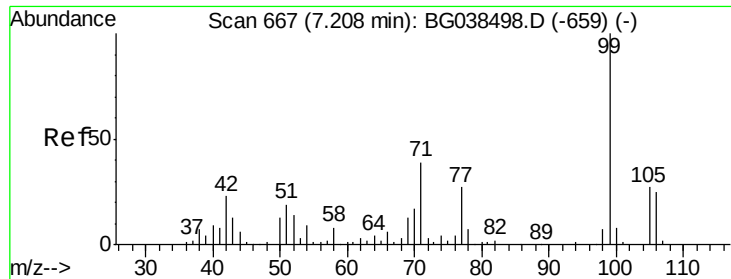
Acq: 26 Dec 2018 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		24165		
66	40.6	31.7	47.5		
65	21.2	17.8	26.6		



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





#7

Phenol-d6

Concen: 130.137 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

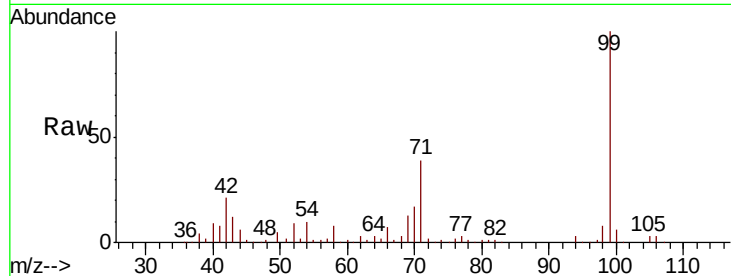
ClientSampled :

R20-OSMSD

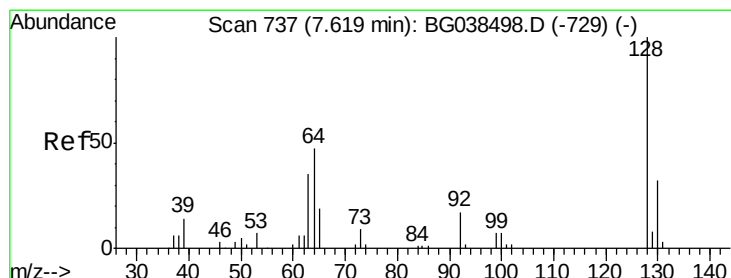
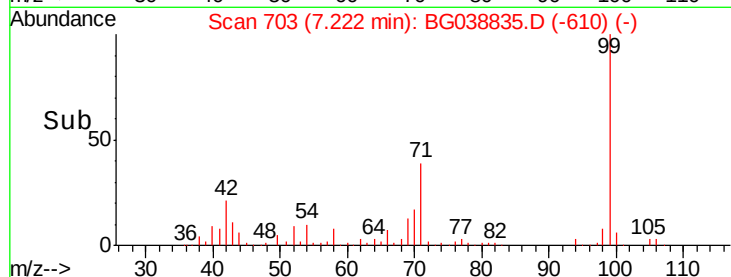
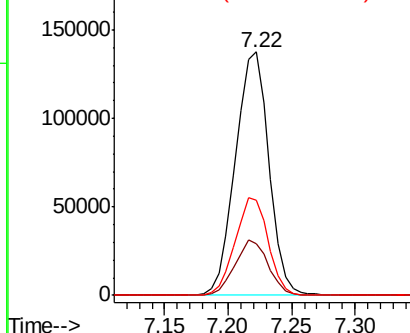
Tot Ion:	99	Resp:	252731
Ion Ratio	Lower	Upper	
99	100		
42	21.4	18.5	27.7
71	39.2	31.1	46.7

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



#8

2-Chlorophenol

Concen: 44.238 ng

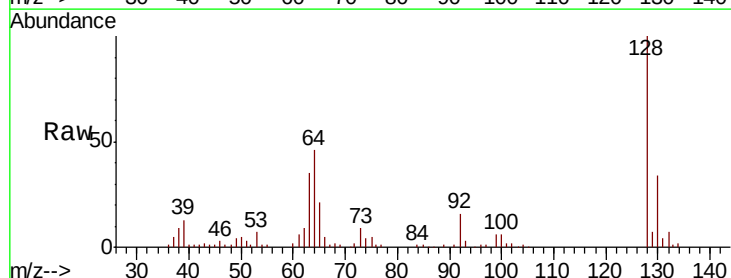
RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

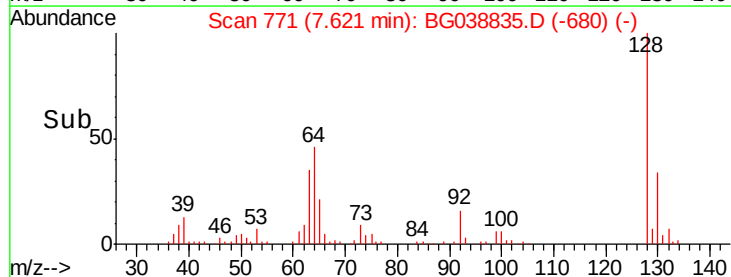
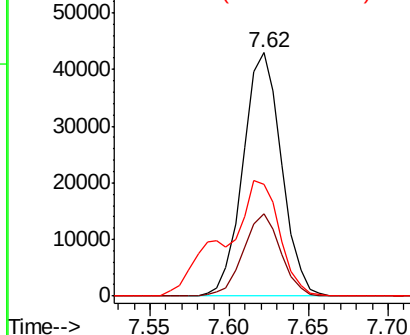
Lab File: BG038835.D

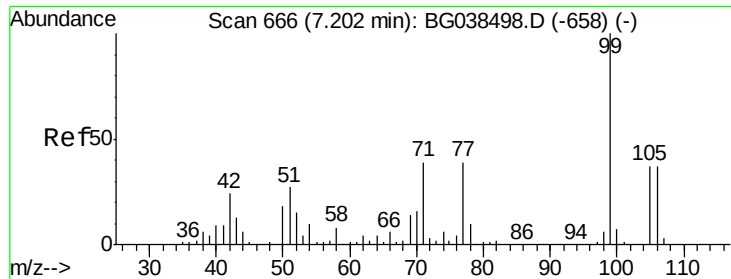
Acq: 26 Dec 2018 18:11

Tgt Ion:	128	Resp:	72421
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.8	51.8
64	45.8	33.2	73.2



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





#9

Benzaldehyde

Concen: 31.724 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

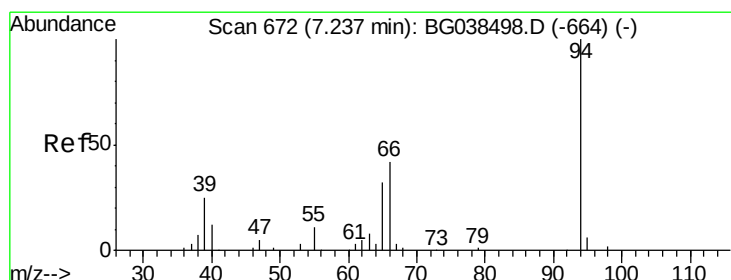
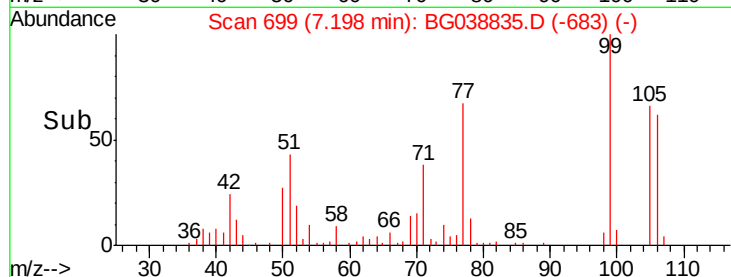
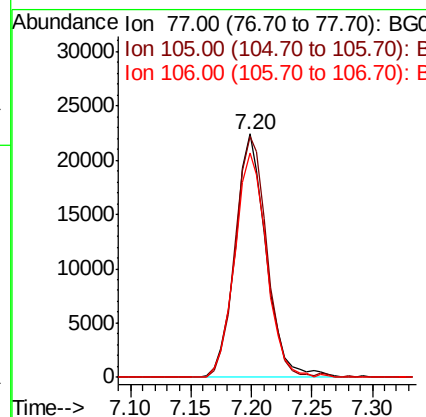
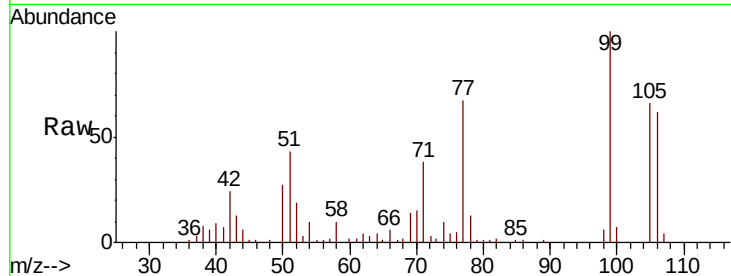
ClientSampleId :

R20-OSMSD

Tot Ion:	77	Resp:	39967
Ion	Ratio	Lower	Upper
77	100		
105	99.1	74.0	114.0
106	92.3	73.9	113.9

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#10

Phenol

Concen: 37.758 ng

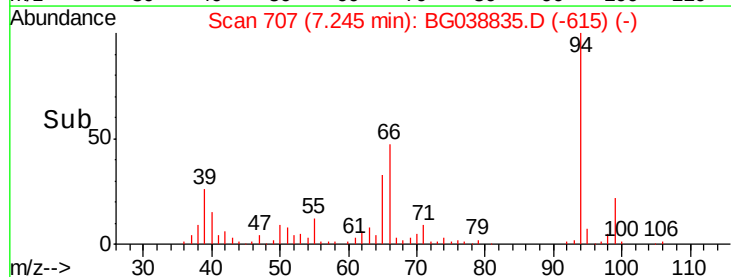
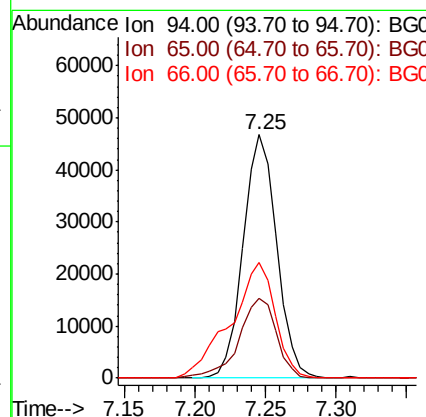
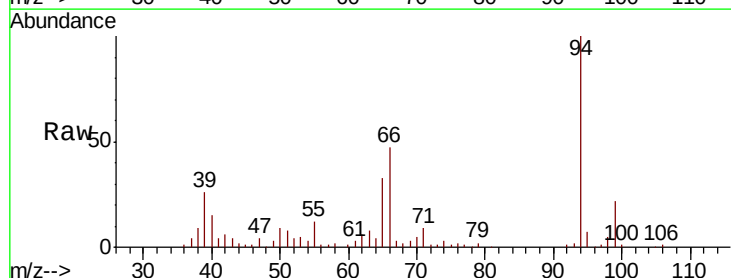
RT: 7.25 min Scan# 707

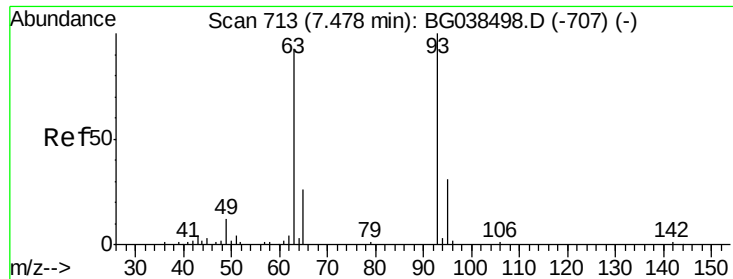
Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:	94	Resp:	77903
Ion	Ratio	Lower	Upper
94	100		
65	33.0	12.6	52.6
66	47.4	24.1	64.1





#11

bis(2-Chloroethyl)ether

Concen: 35.969 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

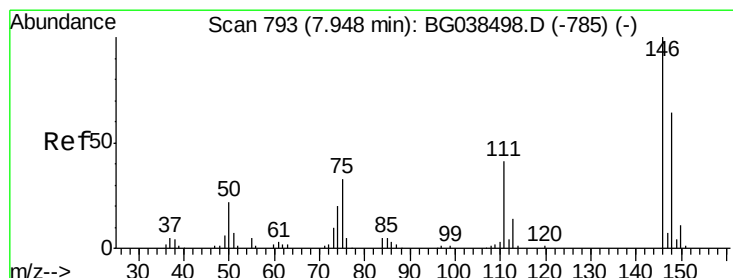
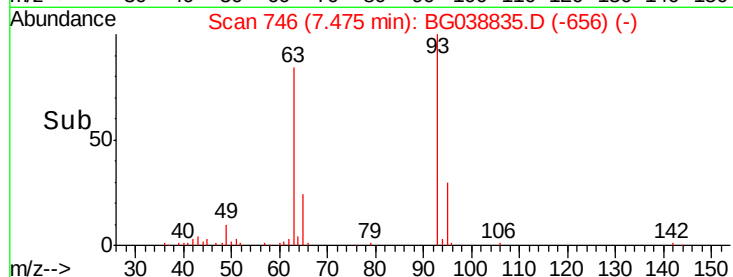
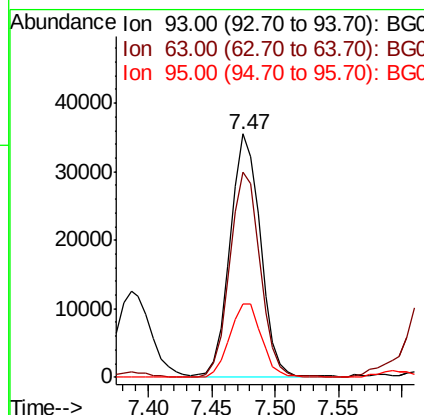
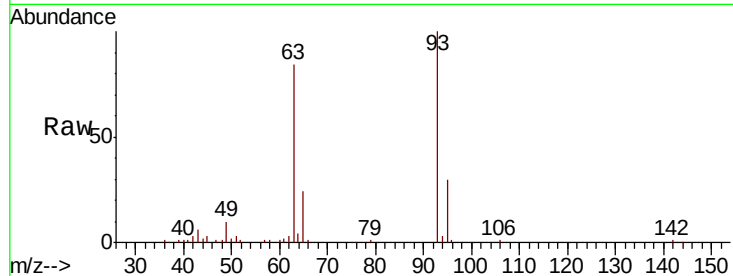
ClientSampleId :

R20-OSMSD

Tot Ion:	93	Resp:	59085
Ion	Ratio	Lower	Upper
93	100		
63	84.3	72.2	112.2
95	30.0	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 36.515 ng

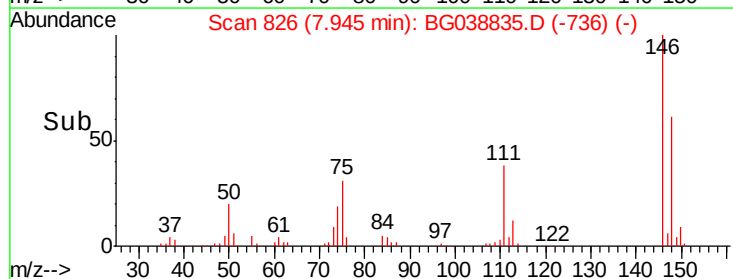
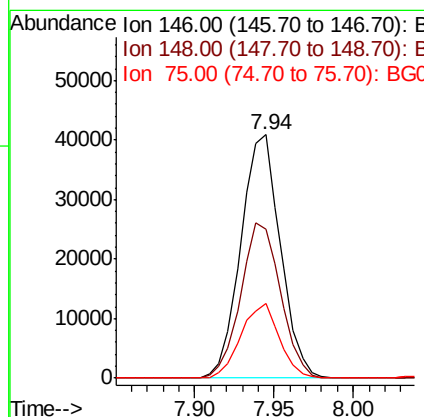
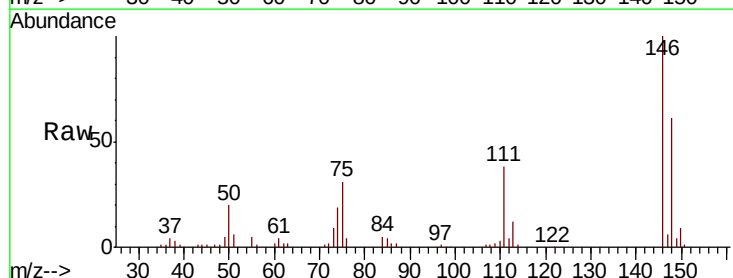
RT: 7.94 min Scan# 826

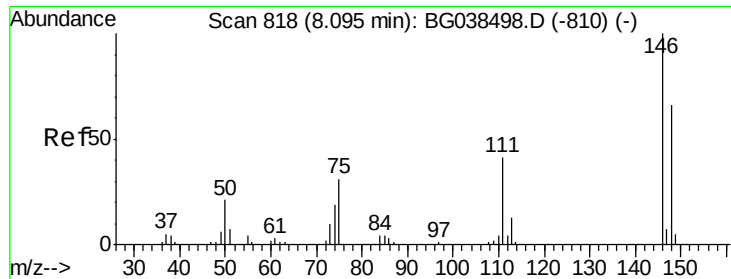
Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:	146	Resp:	70680
Ion	Ratio	Lower	Upper
146	100		
148	61.1	51.4	77.0
75	30.6	26.1	39.1





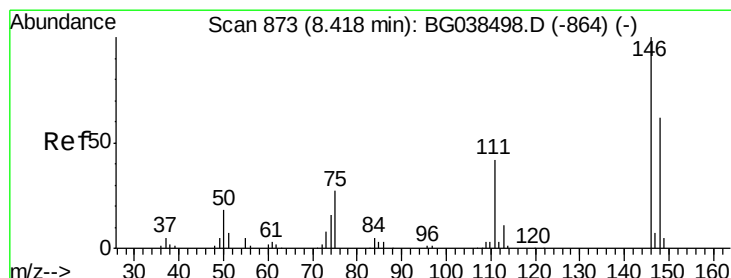
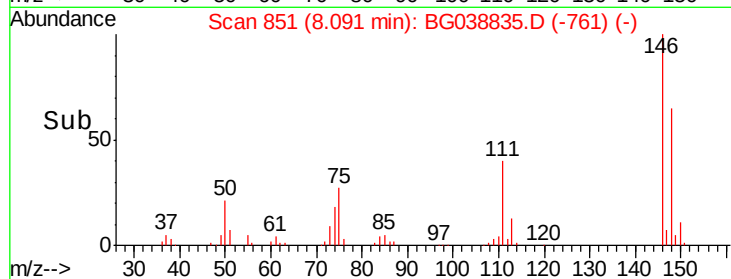
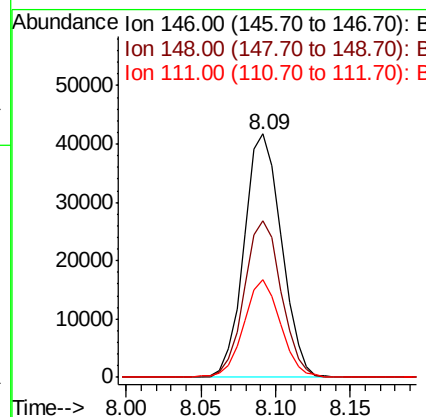
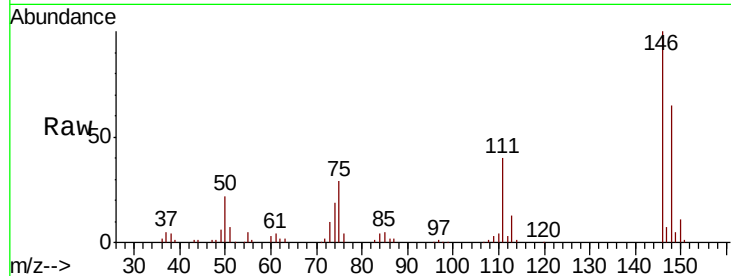
#13
 1,4-Dichlorobenzene
 Concen: 36.455 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.4	78.6
111	40.0	33.0	49.4

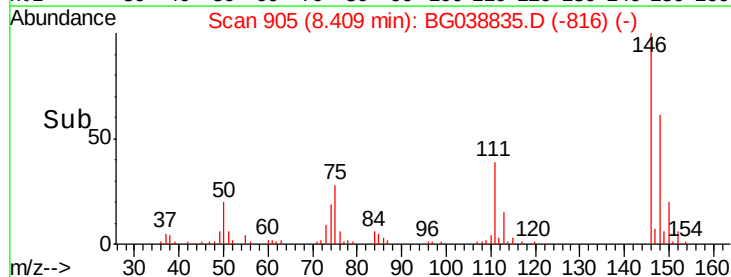
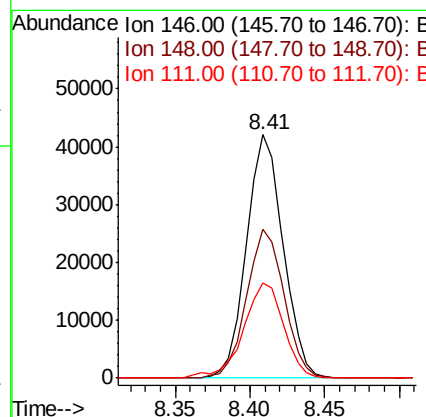
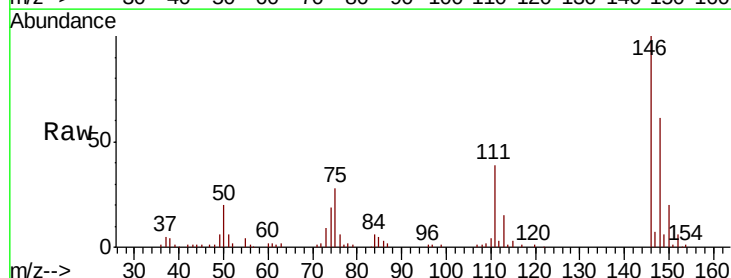
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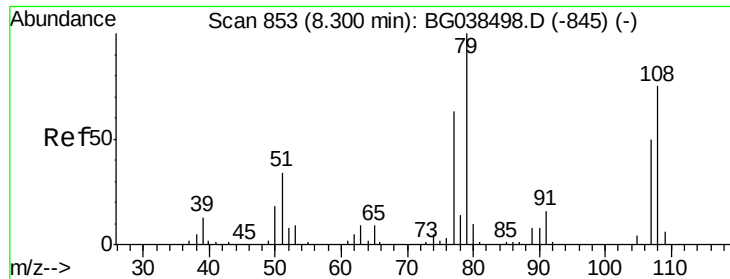
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#14
 1,2-Dichlorobenzene
 Concen: 38.166 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	49.4	74.0
111	39.3	33.8	50.6





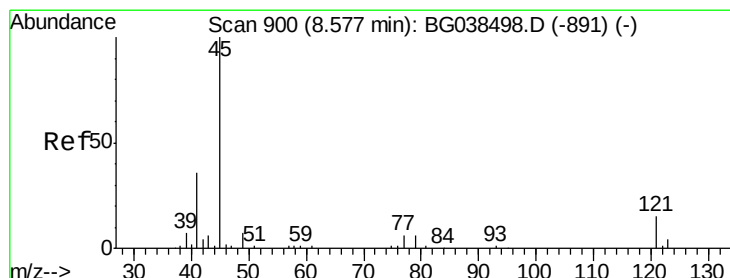
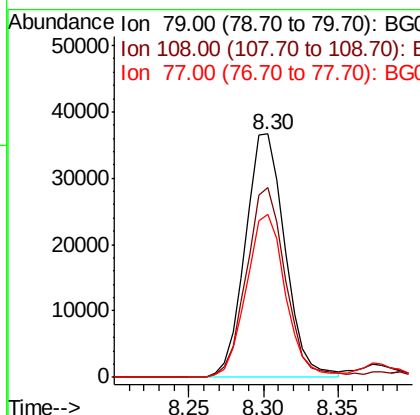
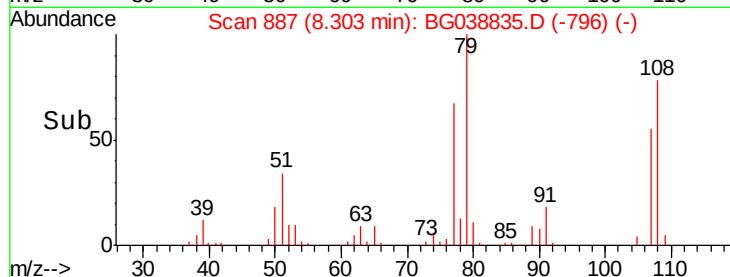
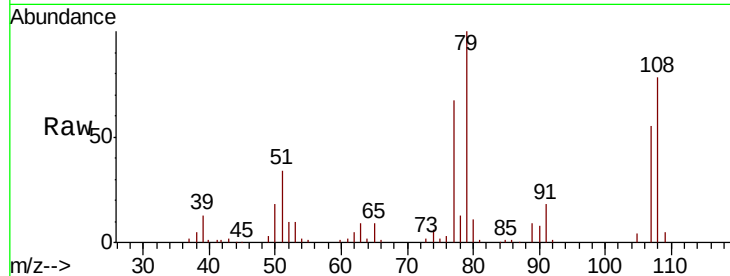
#15
Benzyl Alcohol
Concen: 44.505 ng
RT: 8.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampled :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	60.2	90.4
77	67.0	50.7	76.1

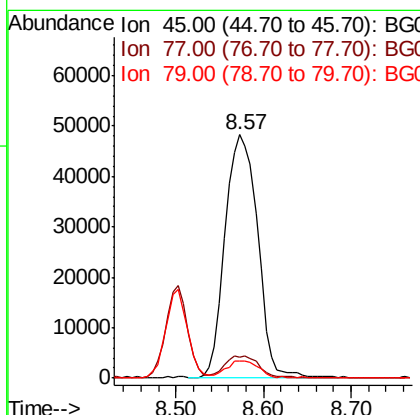
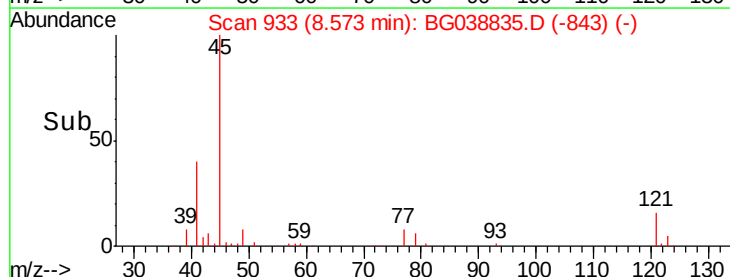
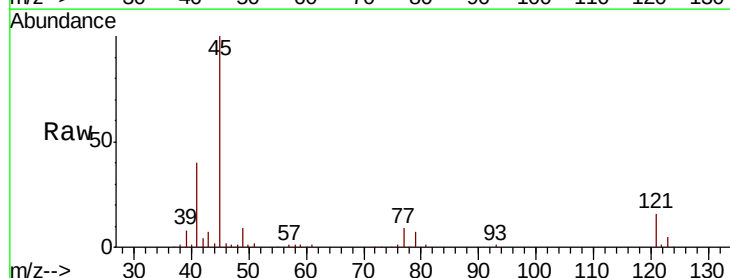
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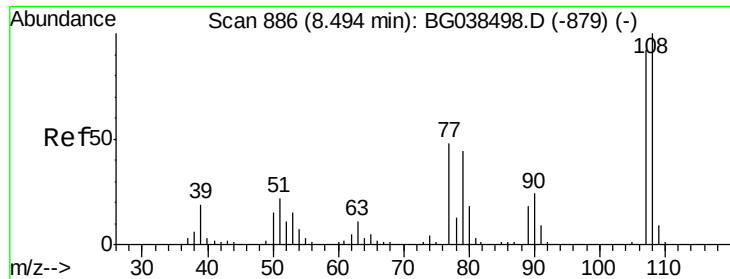
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.662 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	28.2
79	7.1	0.0	27.2





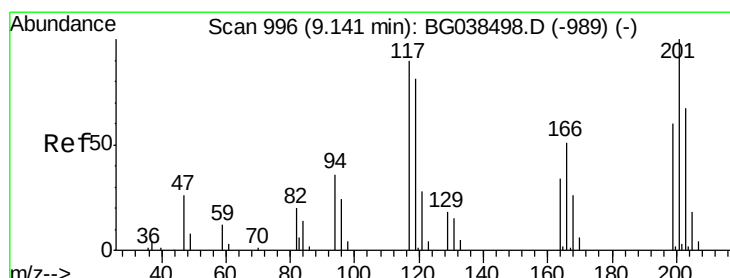
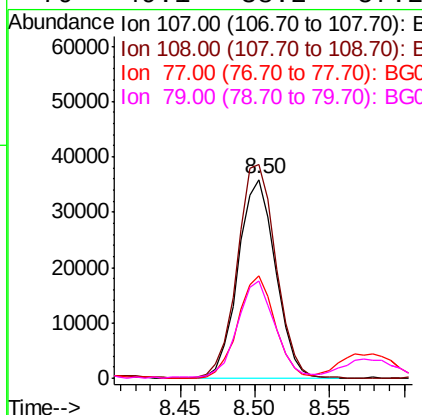
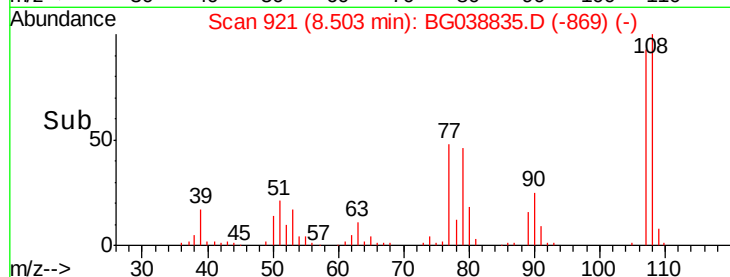
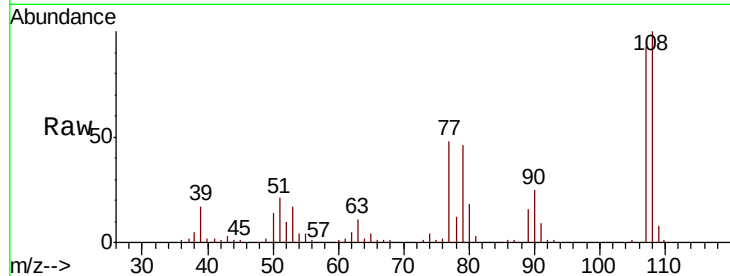
#17
2-Methylphenol
Concen: 45.273 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion:	107	Resp:	62583
Ion	Ratio	Lower	Upper
107	100		
108	107.5	87.1	130.7
77	51.3	42.0	63.0
79	49.1	38.2	57.2

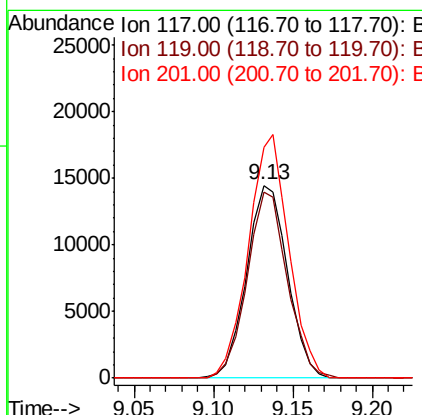
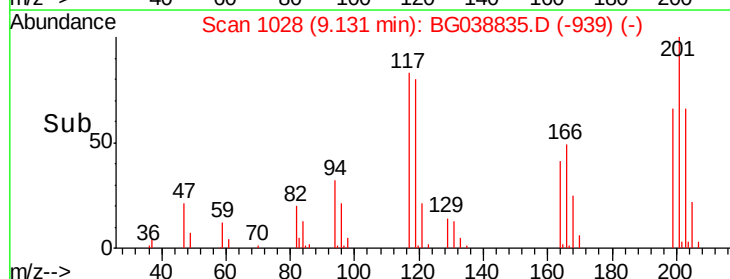
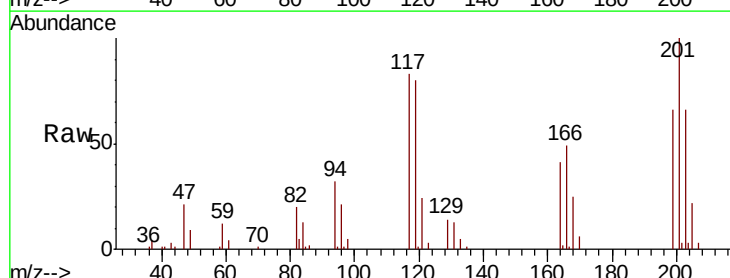
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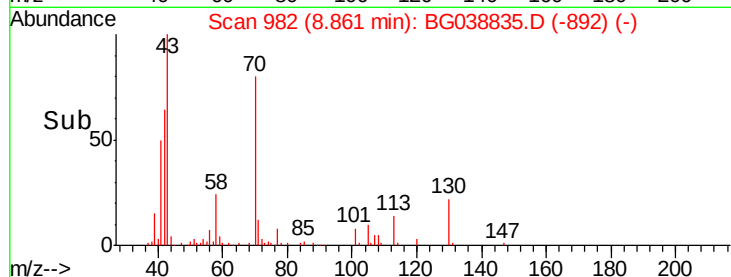
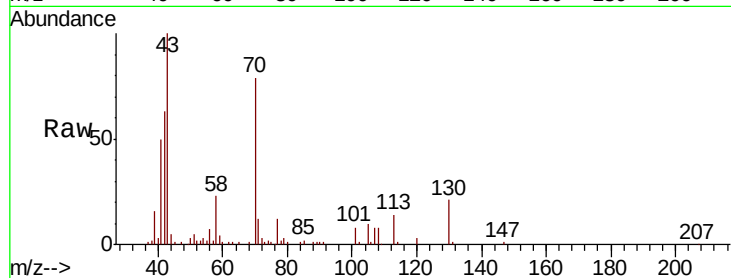
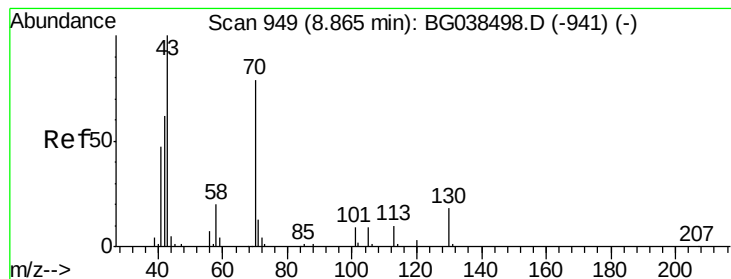
Sohil
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#18
Hexachloroethane
Concen: 35.765 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion:	117	Resp:	25908
Ion	Ratio	Lower	Upper
117	100		
119	96.3	73.8	110.8
201	123.4	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.550 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

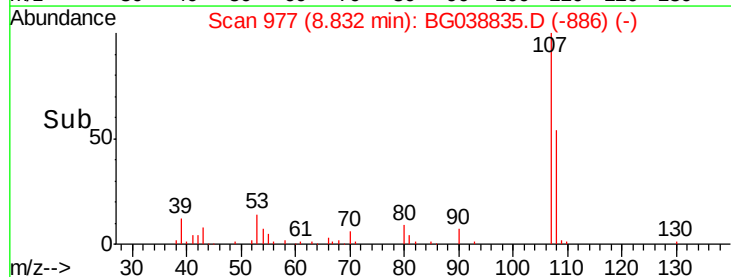
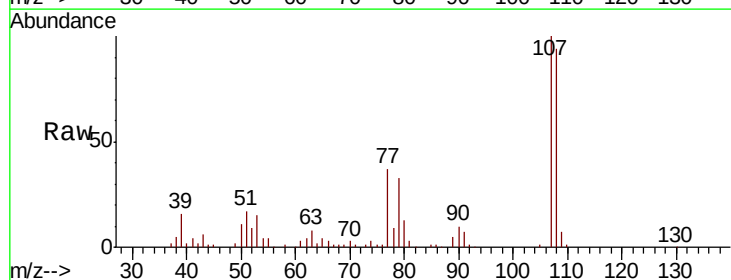
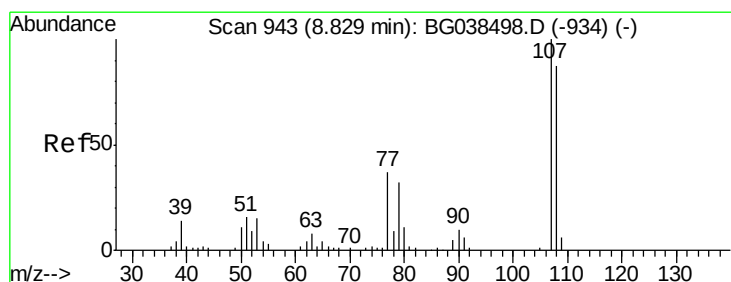
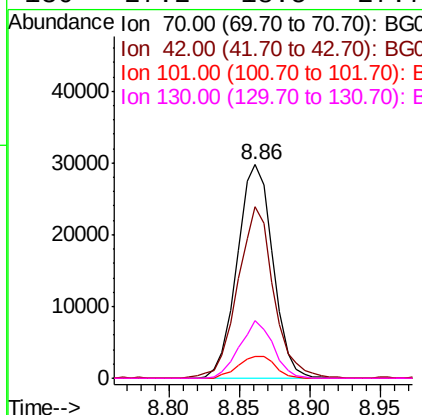
ClientSampleId :

R20-OSMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	80.1	63.6	95.4	
101	10.2	9.2	13.8	
130	27.2	18.5	27.7	

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#20

3+4-Methylphenols

Concen: 44.877 ng

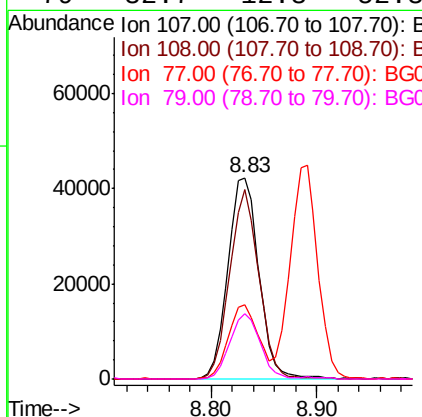
RT: 8.83 min Scan# 977

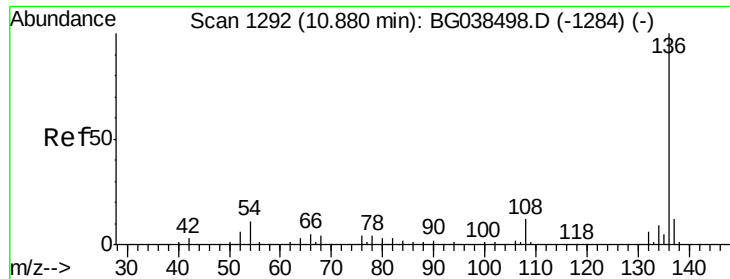
Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.9	66.7	106.7	
77	36.7	17.3	57.3	
79	32.7	12.3	52.3	





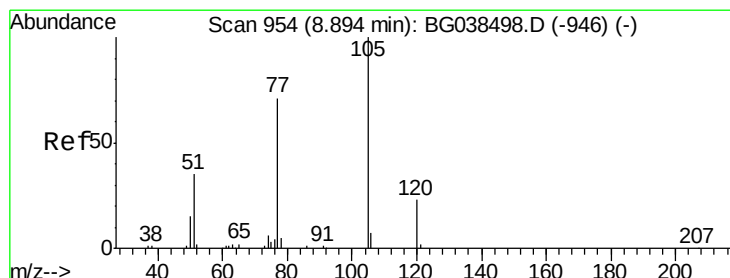
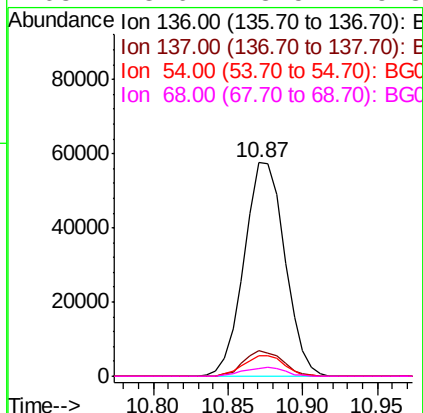
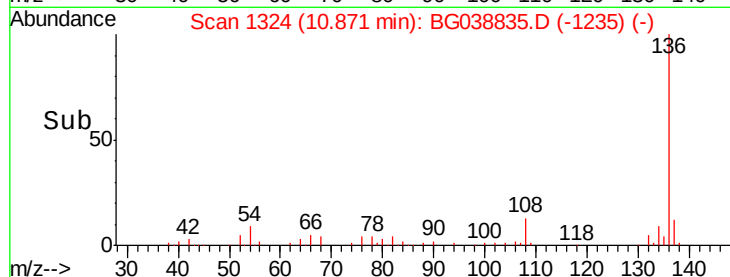
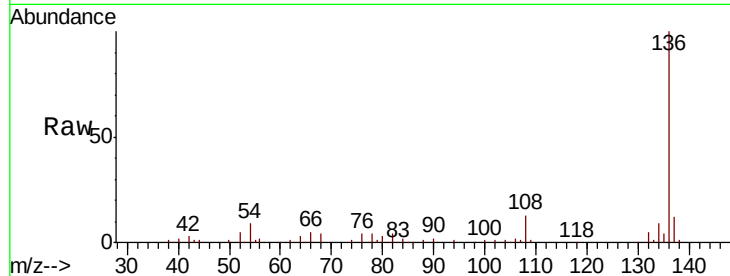
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	109136		
137	12.0	9.3	13.9	
54	9.4	8.5	12.7	
68	3.6	3.5	5.3	

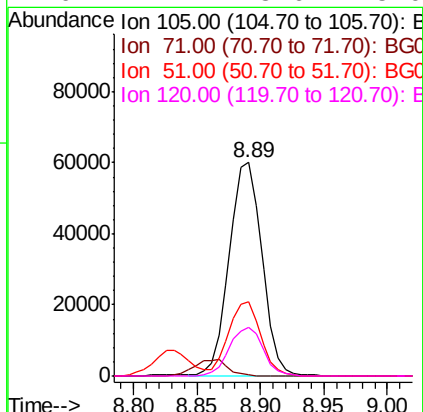
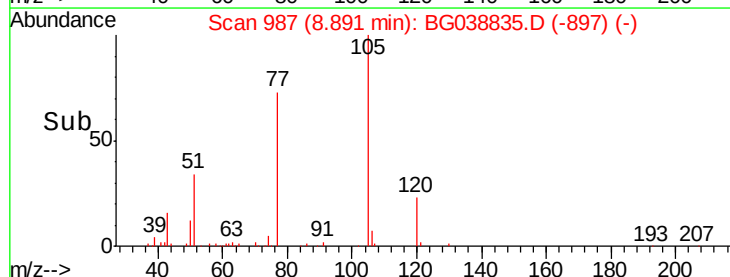
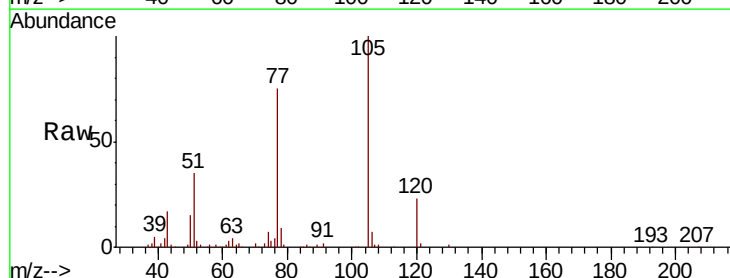
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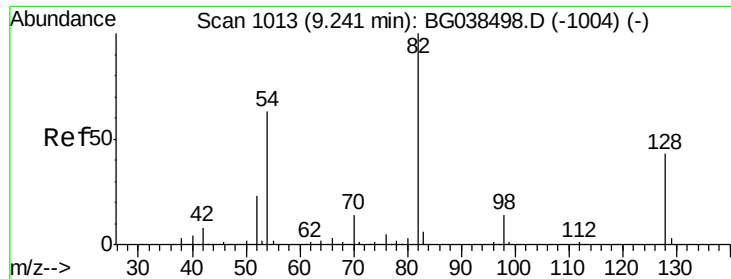
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#22
Acetophenone
Concen: 39.576 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107883		
71	0.3	0.4	0.6#	
51	34.7	30.6	46.0	
120	22.7	18.6	28.0	





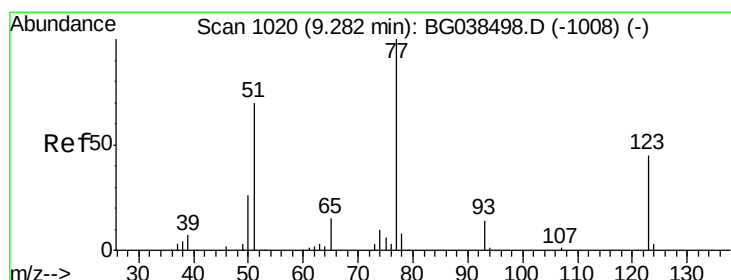
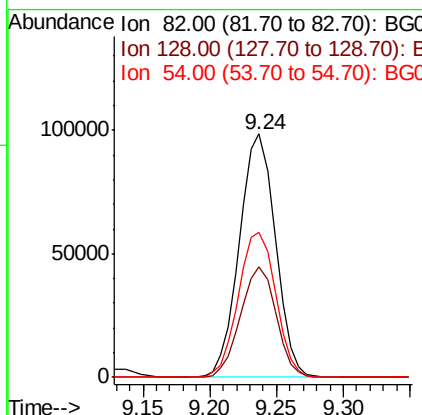
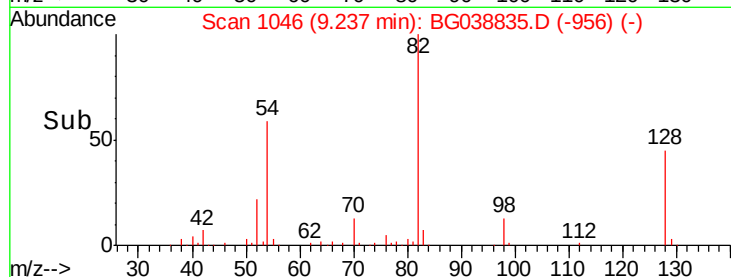
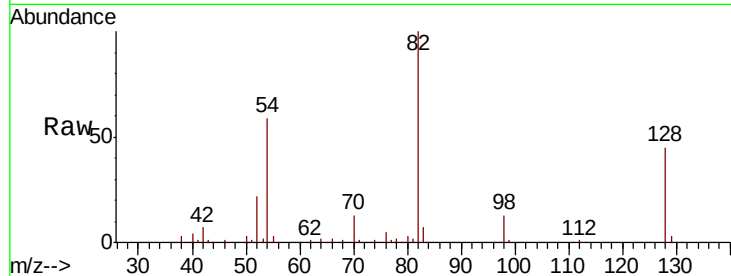
#23
 Nitrobenzene-d5
 Concen: 86.450 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	59.4	50.6	76.0

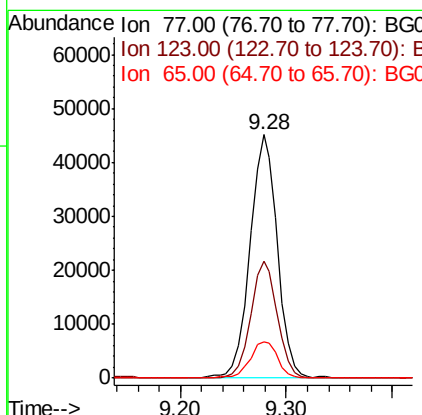
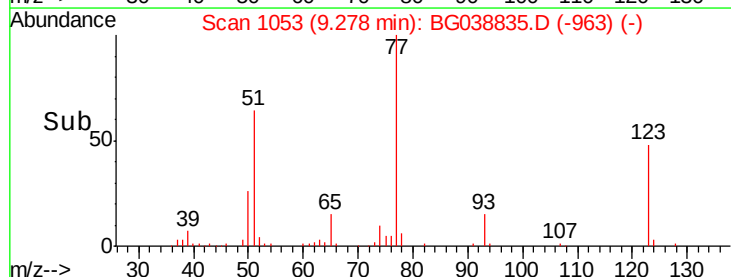
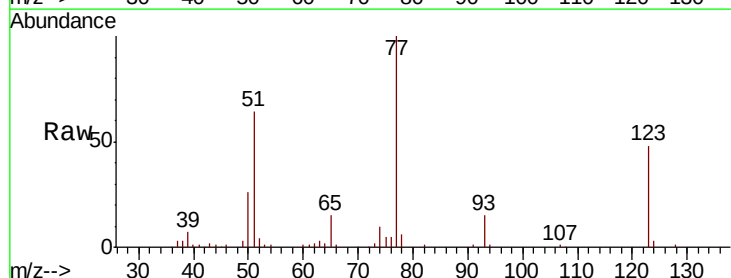
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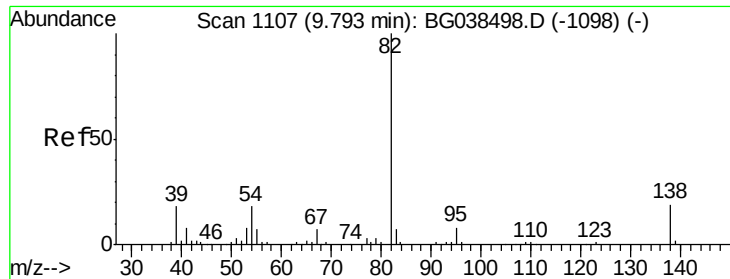
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#24
 Nitrobenzene
 Concen: 37.517 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	35.9	53.9
65	15.0	12.0	18.0





#25

Isophorone

Concen: 41.496 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

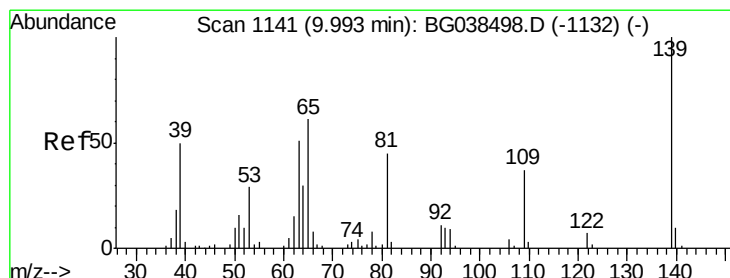
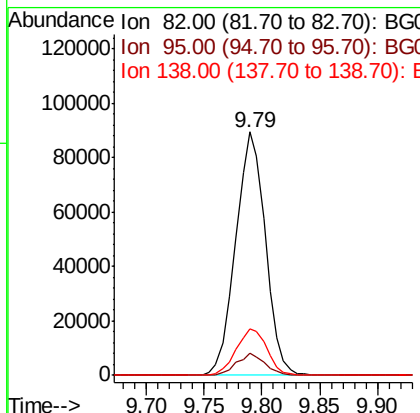
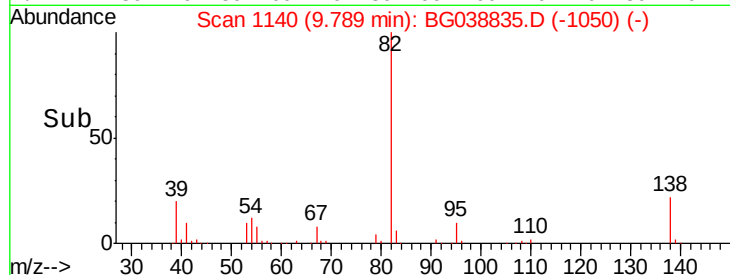
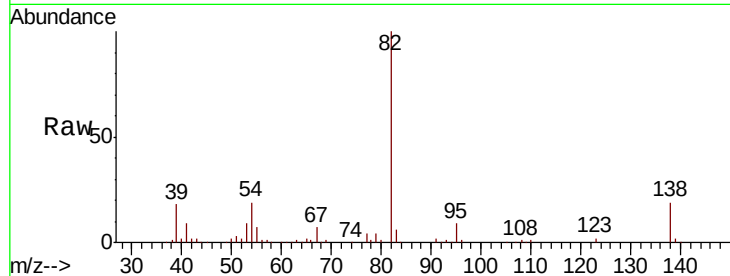
ClientSampleId :

R20-OSMSD

Tot Ion:	82	Resp:	159273
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.1	9.1
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.111 ng

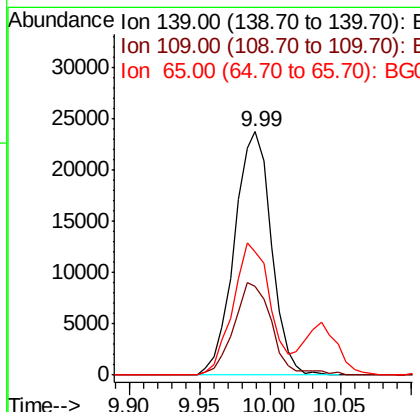
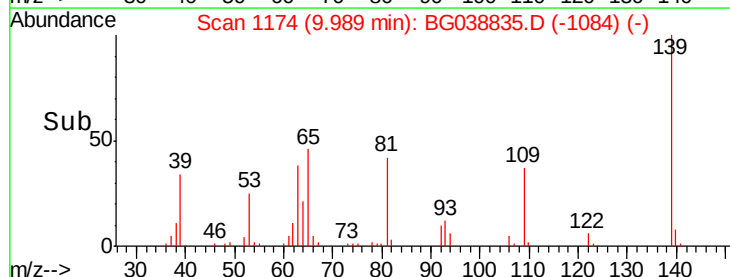
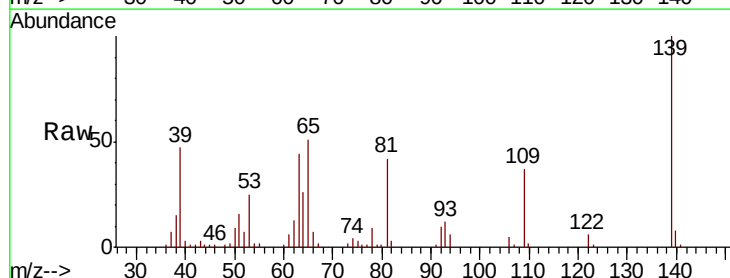
RT: 9.99 min Scan# 1174

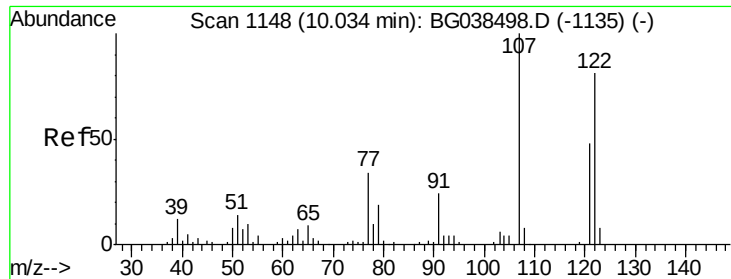
Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:	139	Resp:	43261
Ion Ratio	Lower	Upper	
139	100		
109	36.7	29.5	44.3
65	50.8	48.5	72.7





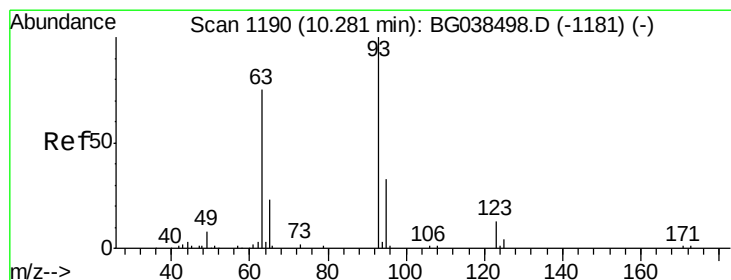
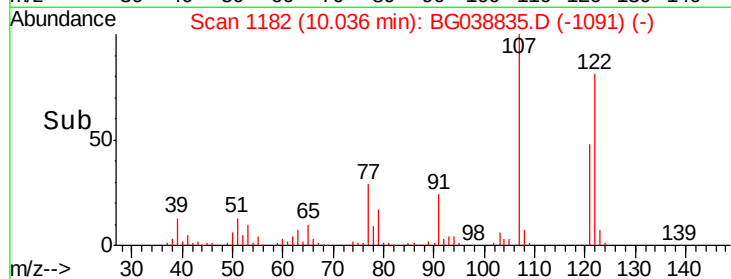
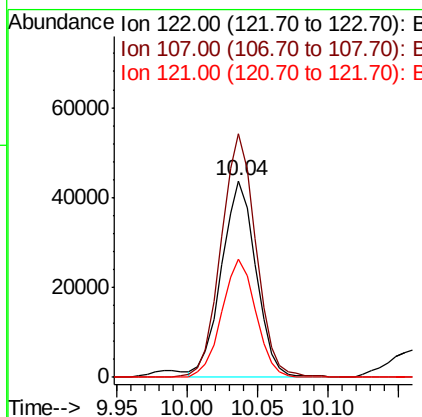
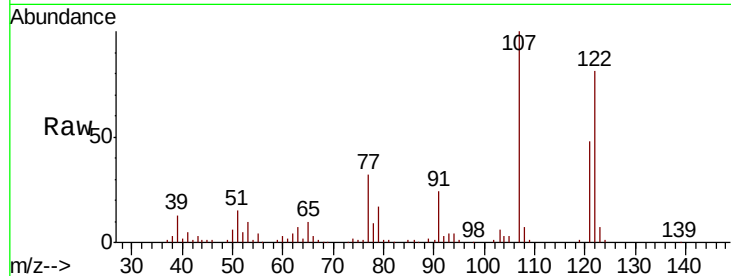
#27
 2,4-Dimethylphenol
 Concen: 46.886 ng
 RT: 10.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	98.4	147.6
121	60.0	47.2	70.8

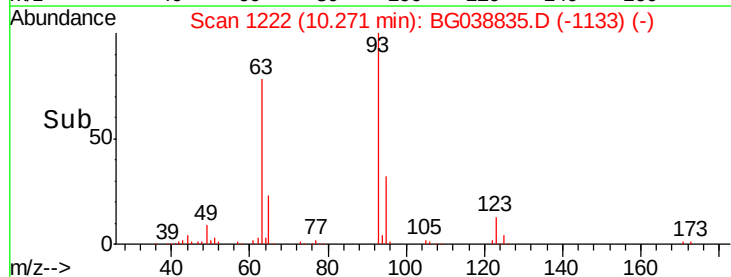
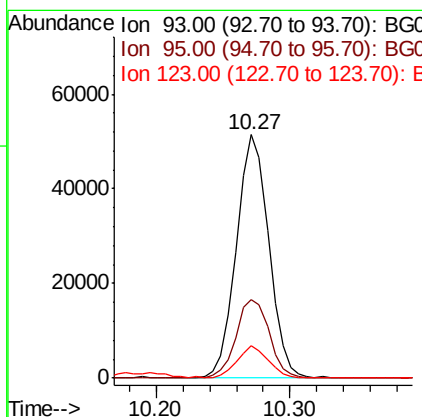
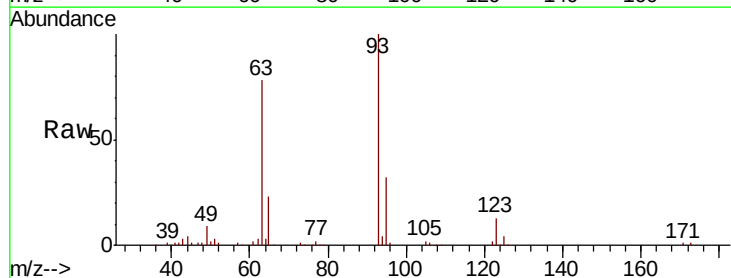
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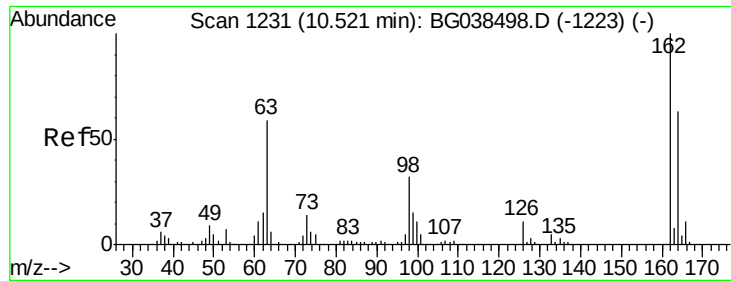
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.953 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	13.4	10.6	16.0





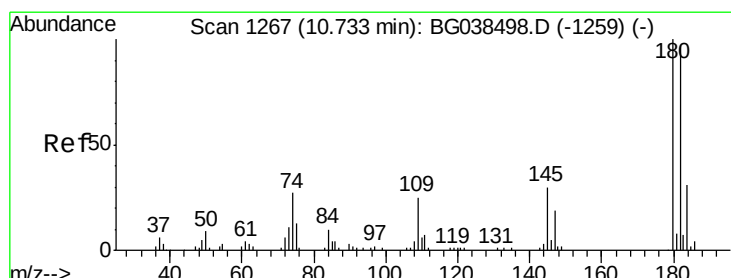
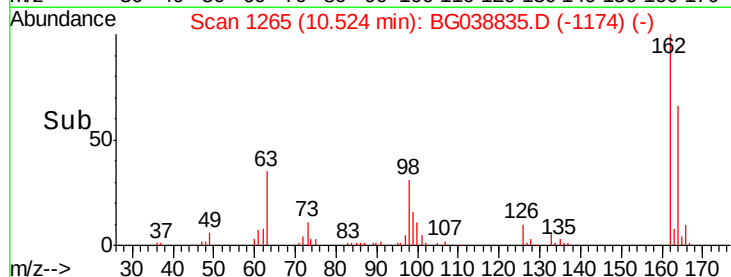
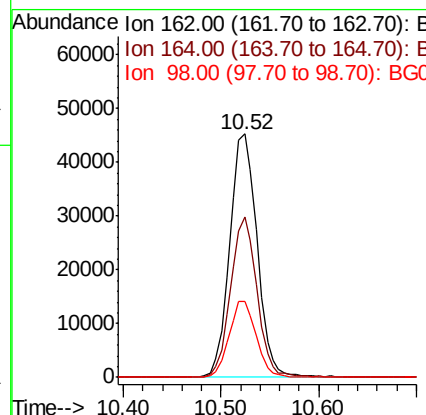
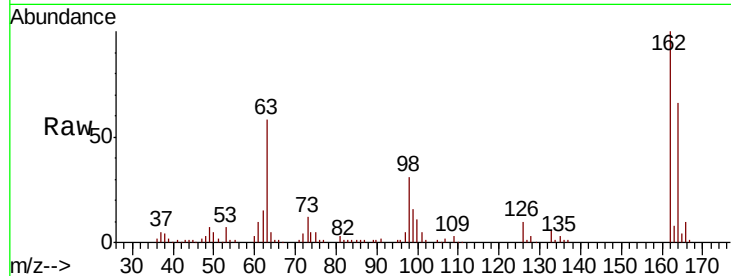
#29
2,4-Dichlorophenol
Concen: 49.958 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	88103		
164	66.1	42.9	82.9	
98	31.1	12.1	52.1	

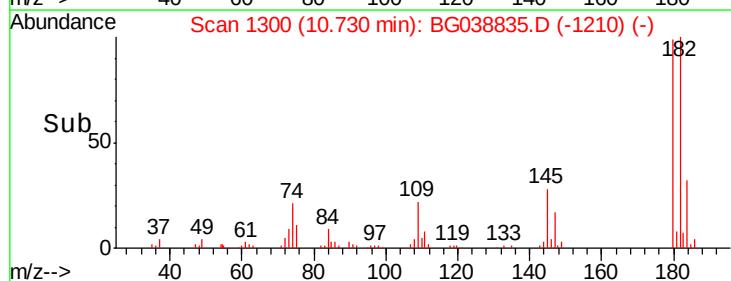
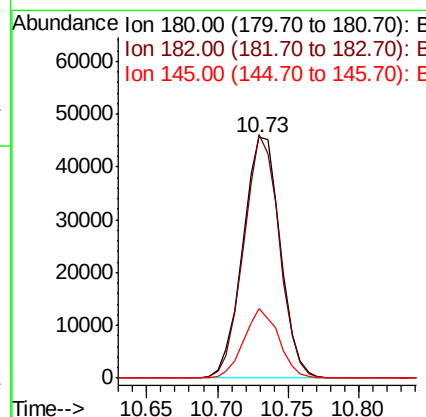
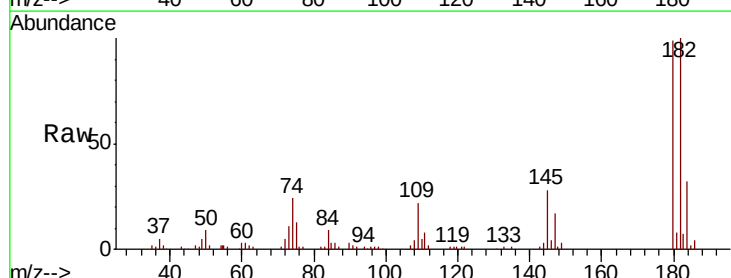
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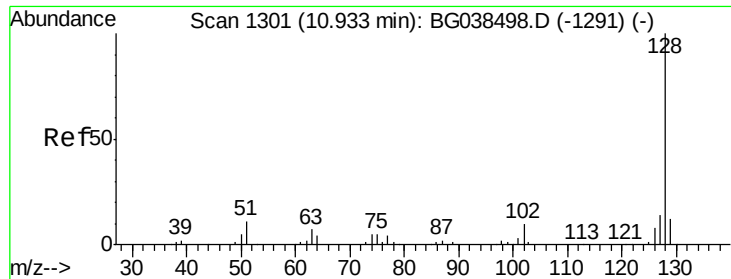
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.835 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84856		
182	101.1	77.4	116.0	
145	28.8	24.1	36.1	





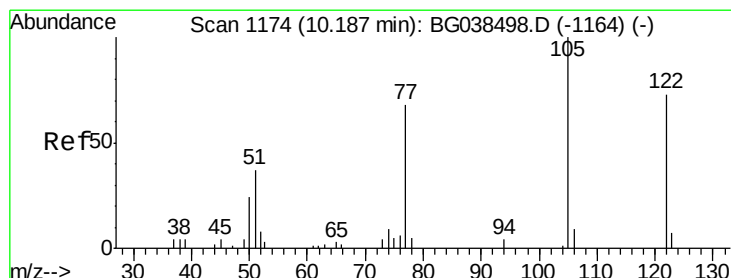
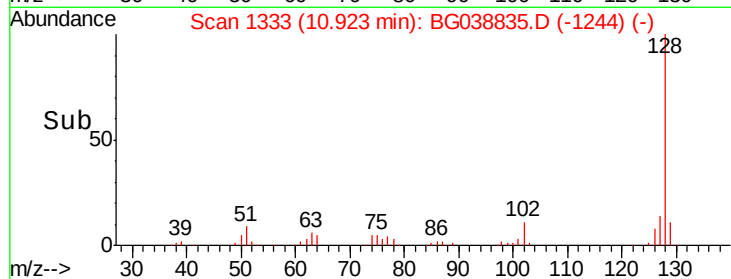
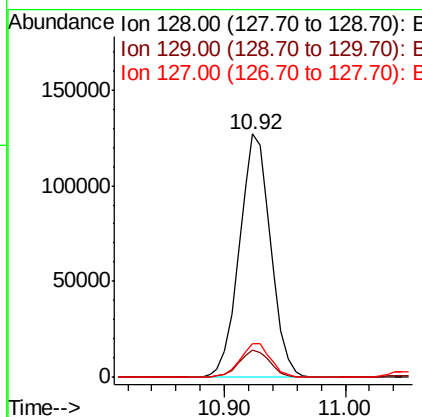
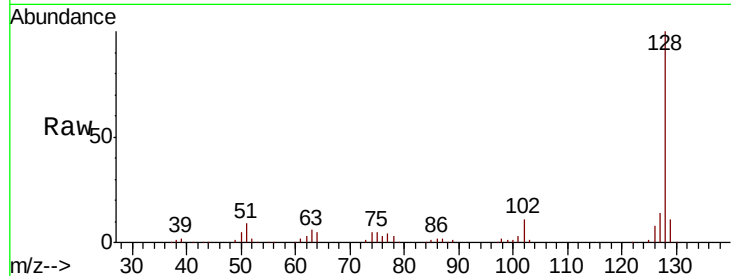
#31
Naphthalene
Concen: 42.388 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.8	10.9	16.3

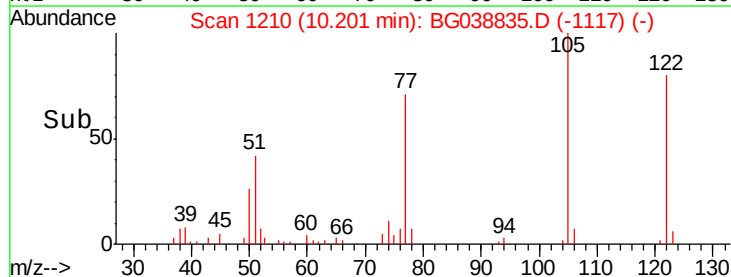
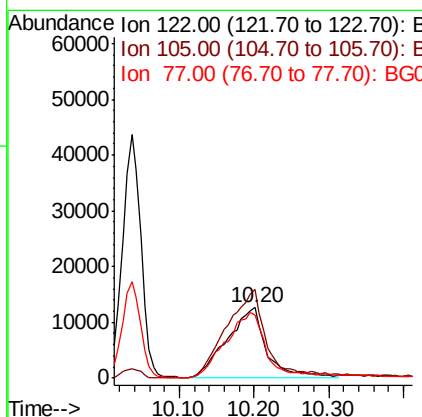
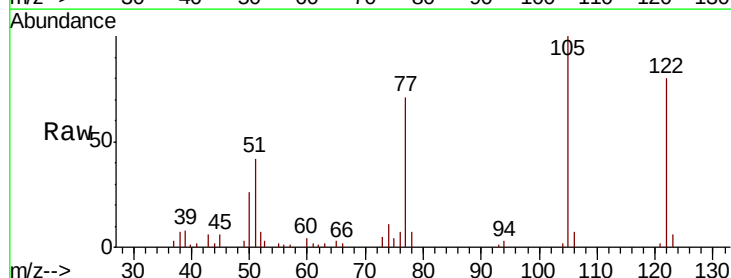
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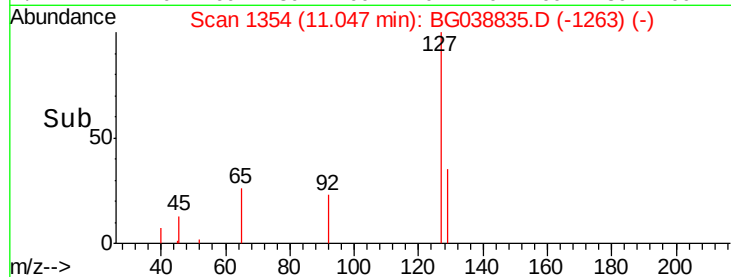
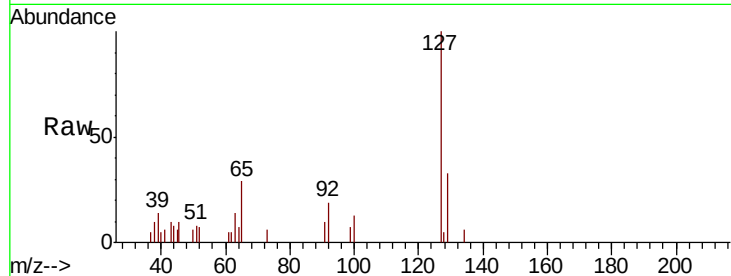
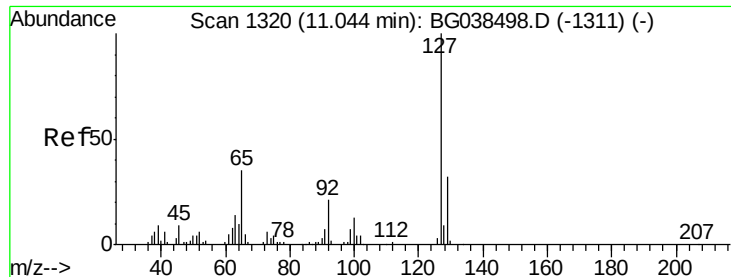
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#32
Benzoic acid
Concen: 46.775 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	116.7	156.7
77	88.9	72.5	112.5





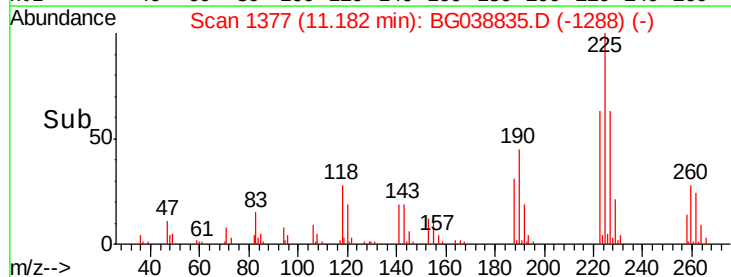
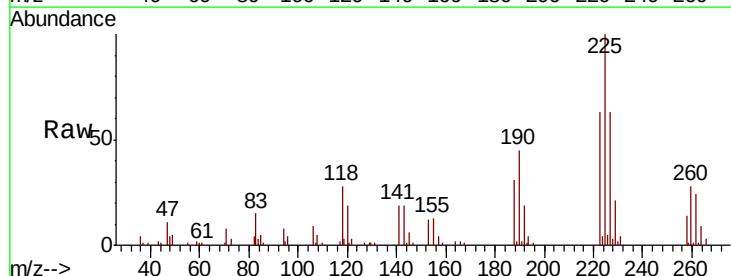
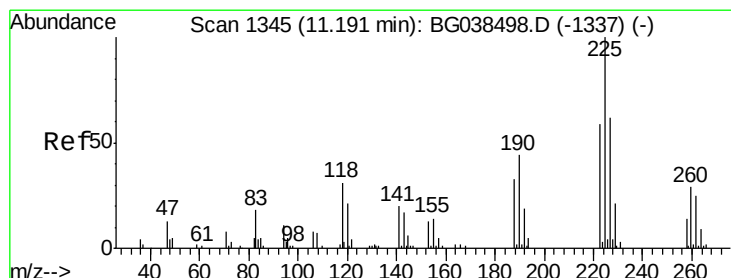
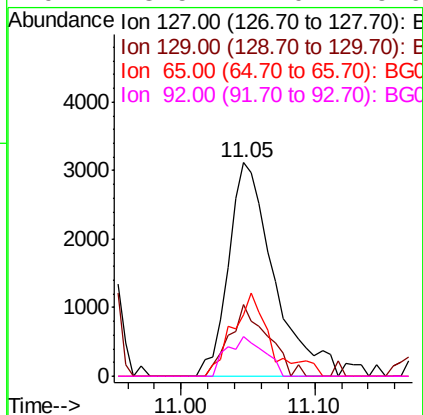
#33
4-Chloroaniline
Concen: 3.146 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.8
65	29.1	27.8	41.6
92	18.5	17.0	25.6

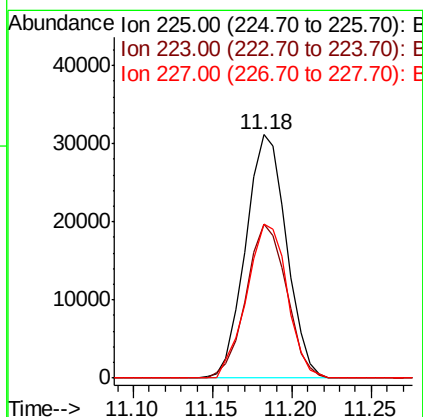
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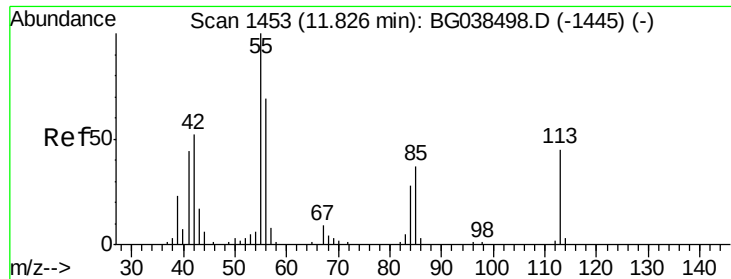
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#34
Hexachlorobutadiene
Concen: 38.554 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	45.0	67.6
227	63.3	50.6	75.8





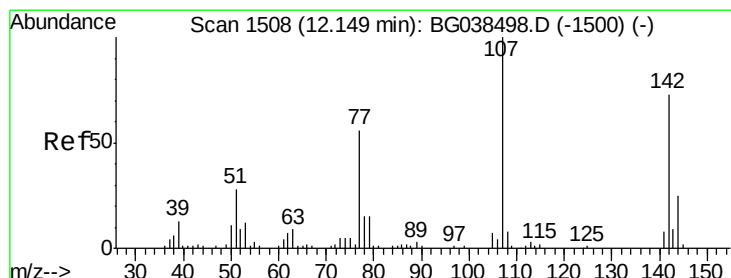
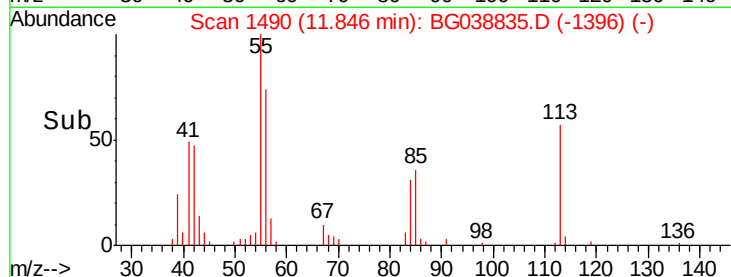
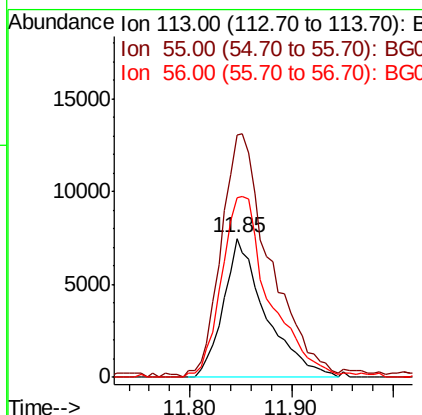
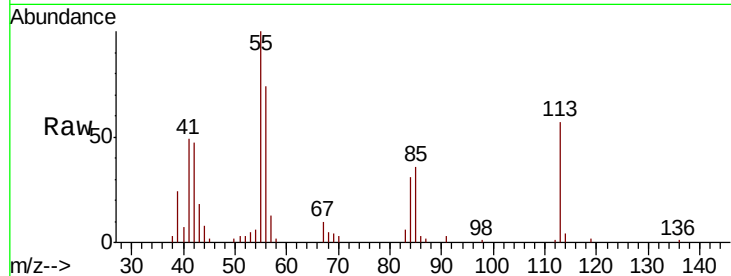
#35
 Caprolactam
 Concen: 29.662 ng
 RT: 11.85 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampled :
 R20-OSMSD

Tot Ion:113 Resp: 21648
 Ion Ratio Lower Upper
 113 100
 55 174.5 204.3 244.3#
 56 129.2 135.0 175.0#

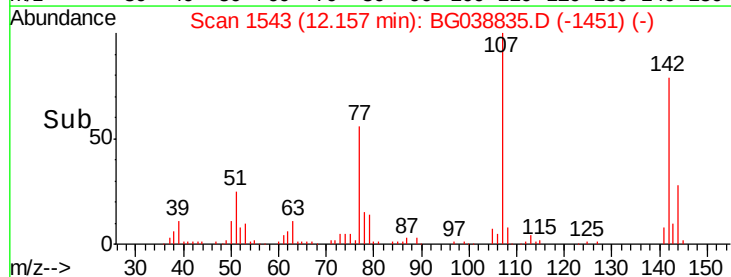
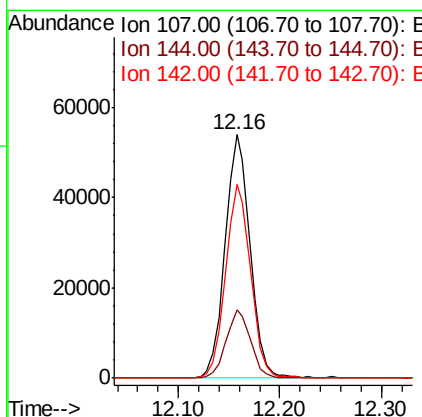
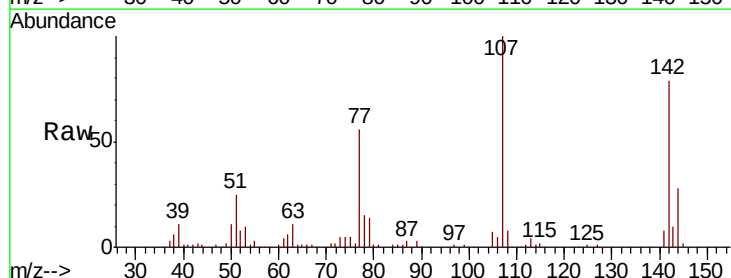
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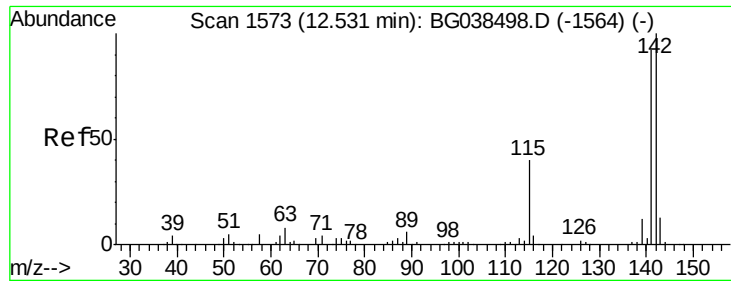
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#36
 4-Chloro-3-methylphenol
 Concen: 45.913 ng
 RT: 12.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion:107 Resp: 92400
 Ion Ratio Lower Upper
 107 100
 144 28.0 20.1 30.1
 142 79.3 58.7 88.1





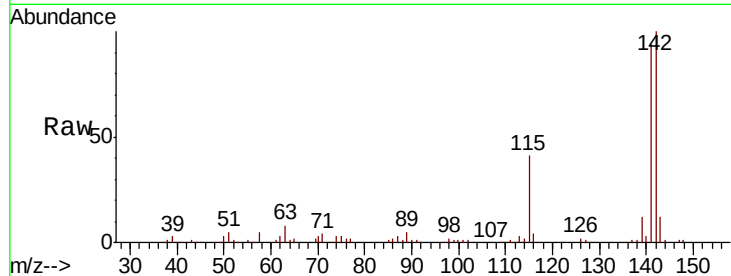
#37
2-Methylnaphthalene
Concen: 46.357 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.5	110.3
115	41.2	31.7	47.5

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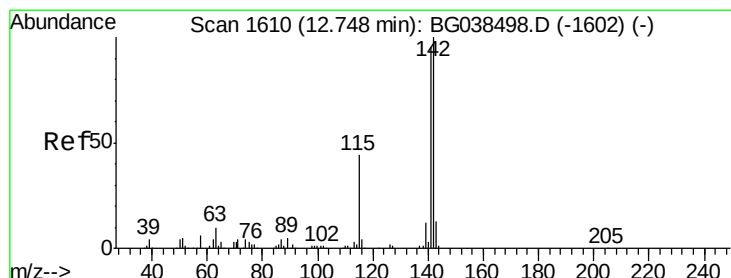
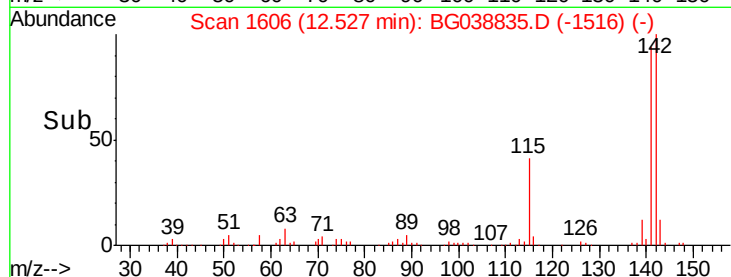
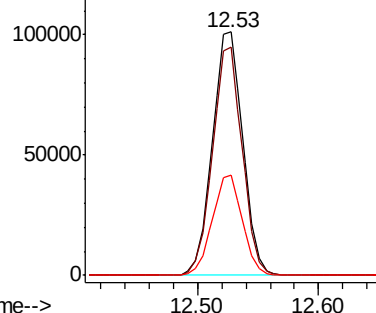


Abundance

Ion 142.00 (141.70 to 142.70): E

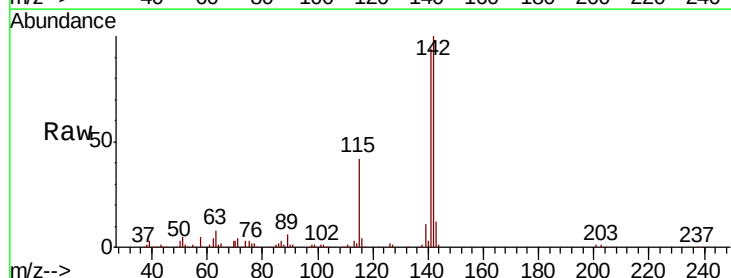
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.831 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.8
116	4.5	3.6	5.4

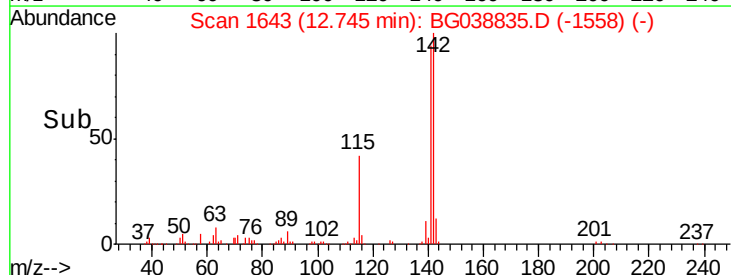
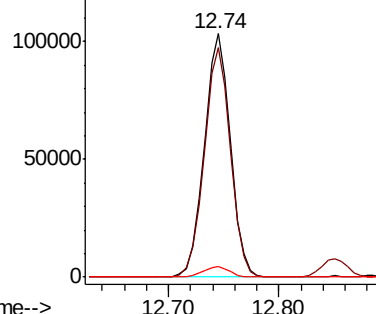


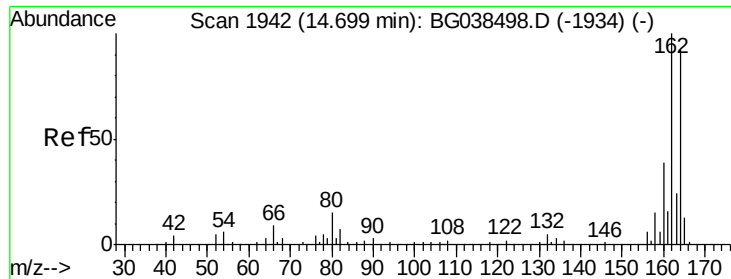
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

ClientSampleId :

R20-OSMSD

Tot Ion:164 Resp: 78059

Ion Ratio Lower Upper

164 100

162 106.6 86.6 130.0

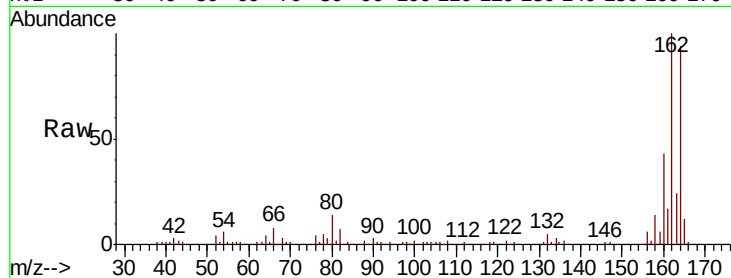
160 45.6 34.2 51.2

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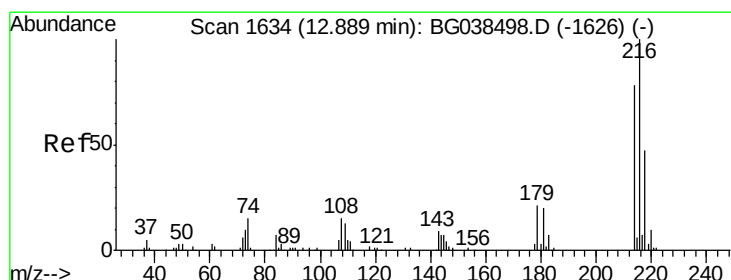
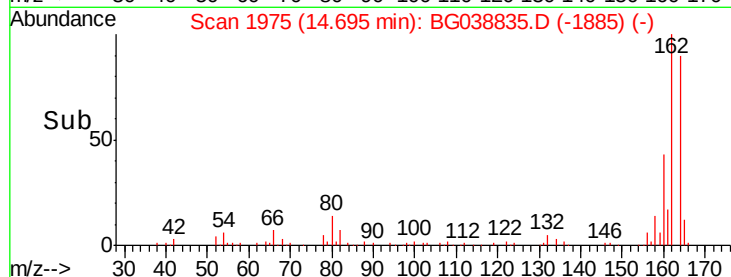
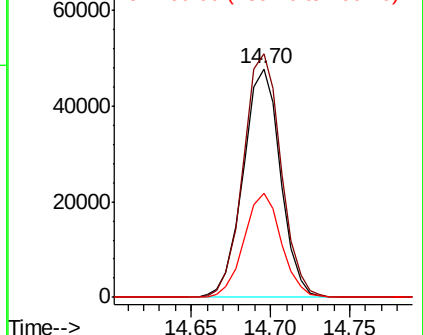


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.423 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:216 Resp: 112111

Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

179 19.7 16.4 24.6

108 16.7 13.9 20.9

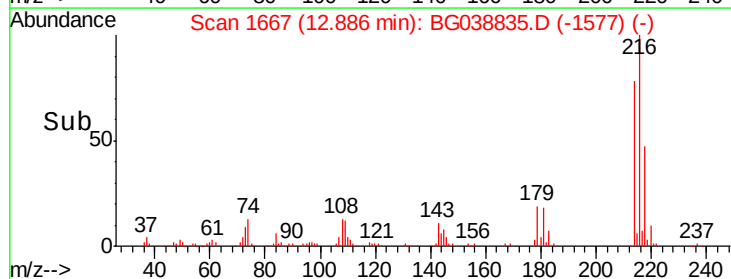
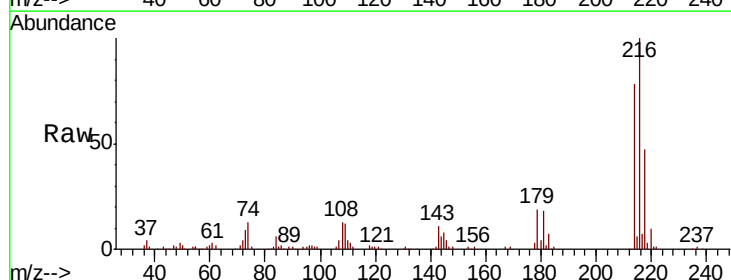
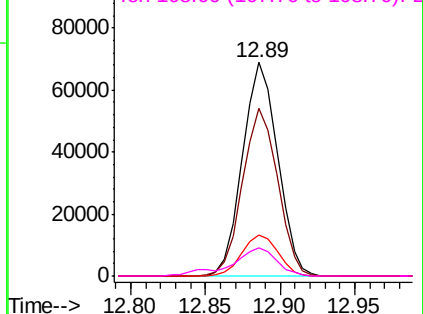
Abundance

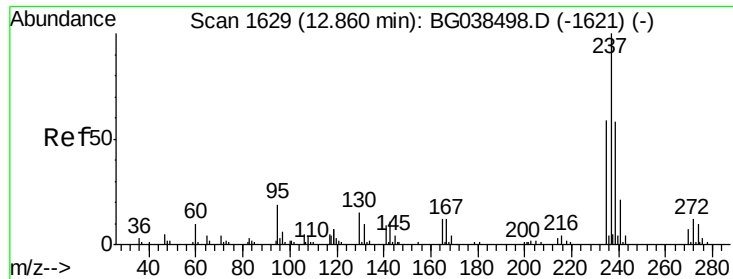
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.719 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

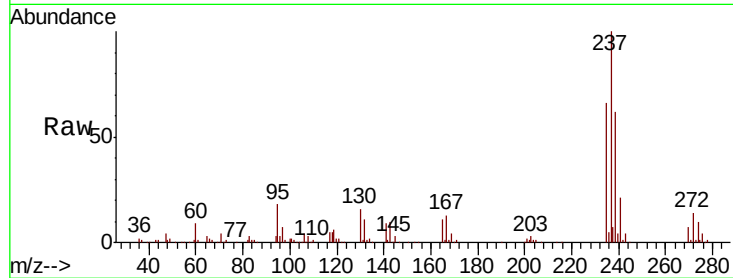
ClientSampleId :

R20-OSMSD

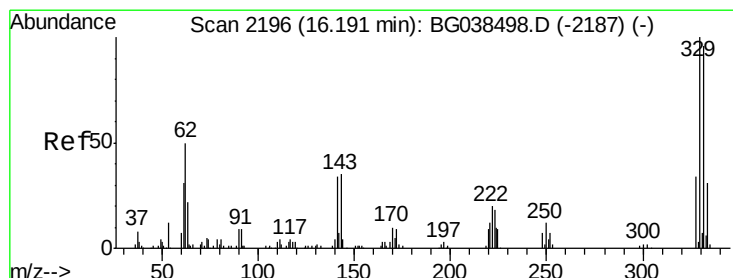
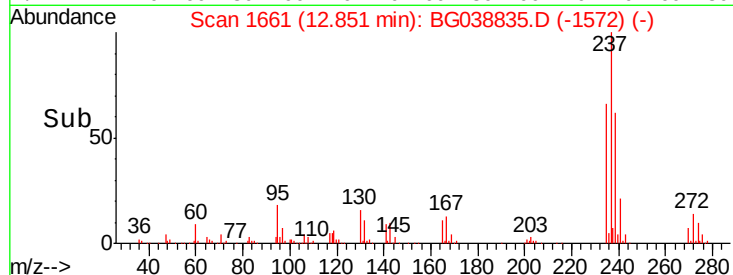
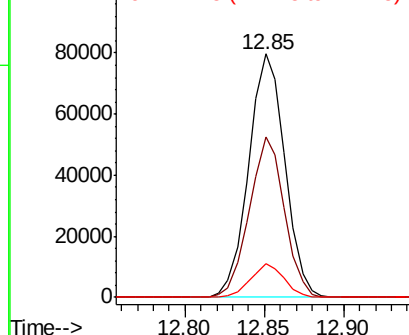
Tot Ion:	237	Resp:	126190
Ion Ratio	Lower	Upper	
237	100		
235	65.7	38.8	78.8
272	14.1	0.0	32.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 174.051 ng

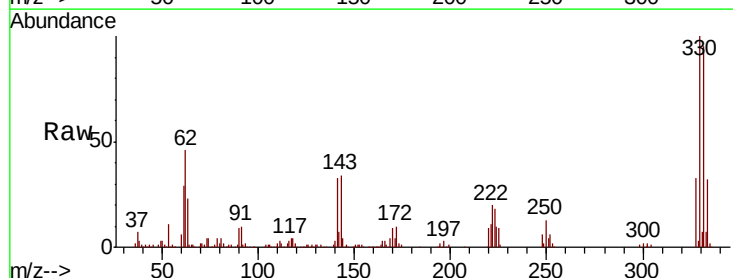
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

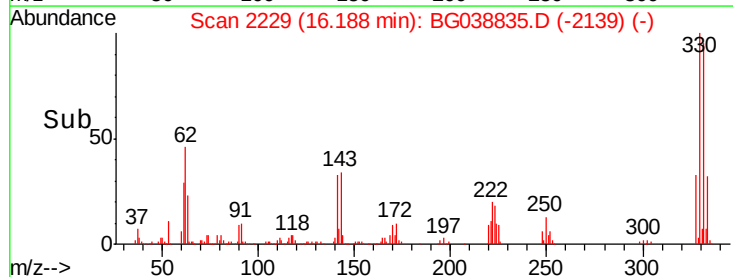
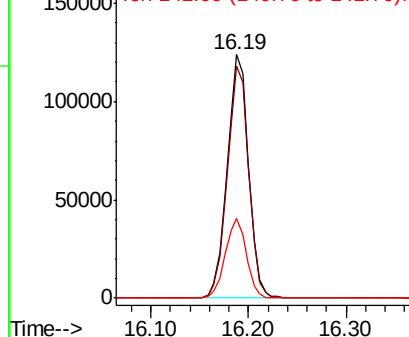
Lab File: BG038835.D

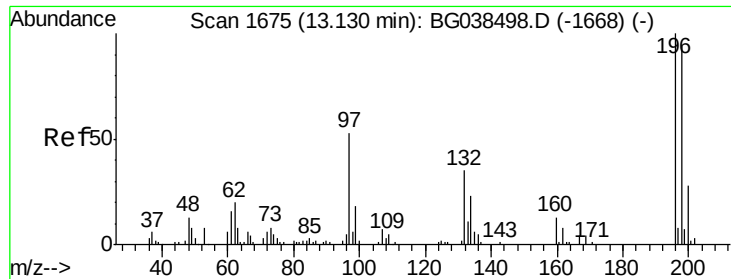
Acq: 26 Dec 2018 18:11

Tgt Ion:	330	Resp:	187243
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.9	115.3
141	32.5	28.8	43.2



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





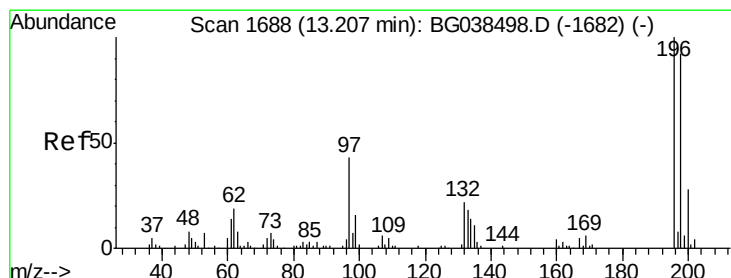
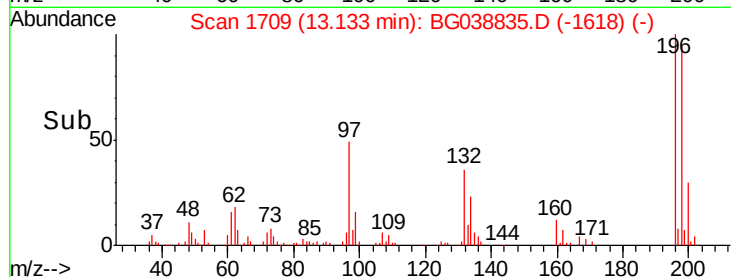
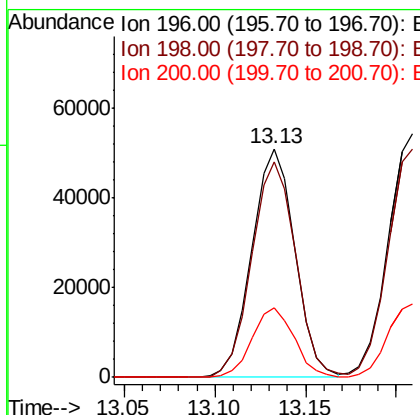
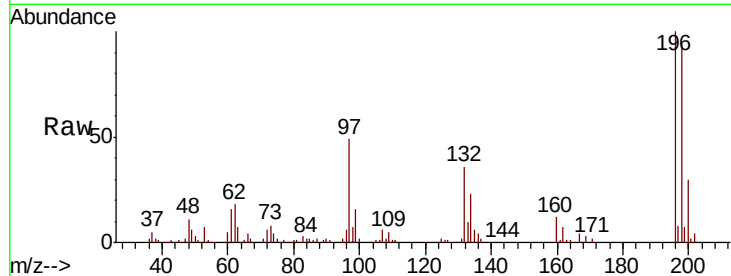
#43
 2,4,6-Trichlorophenol
 Concen: 46.755 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83882		
198	94.2	75.0	112.4	
200	30.4	22.4	33.6	

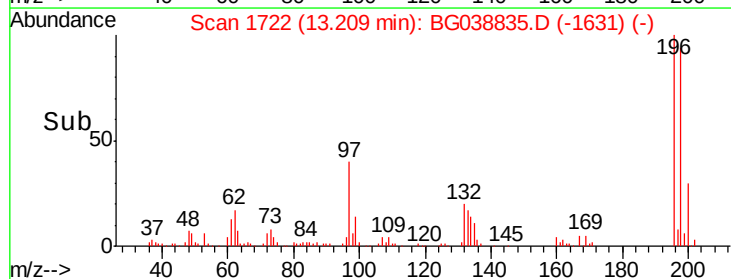
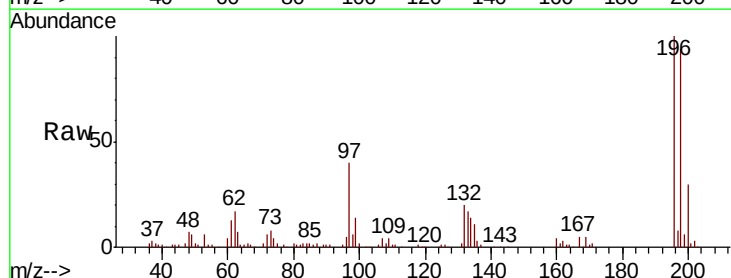
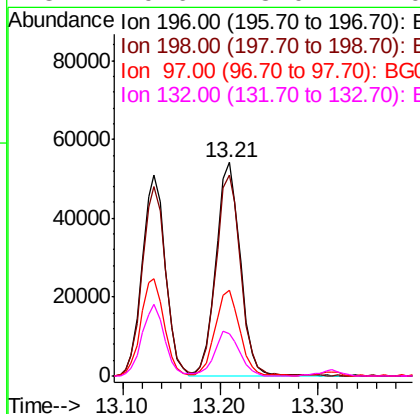
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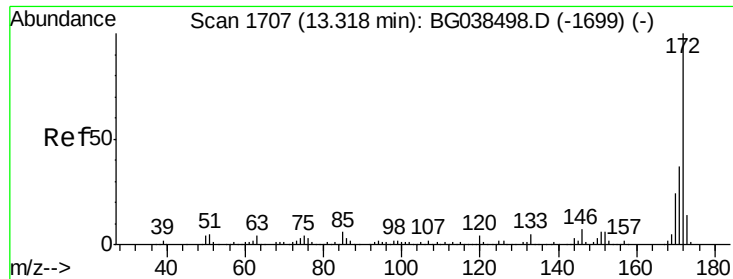
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#44
 2,4,5-Trichlorophenol
 Concen: 49.253 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93557		
198	93.9	74.0	111.0	
97	40.1	35.1	52.7	
132	19.6	18.0	27.0	





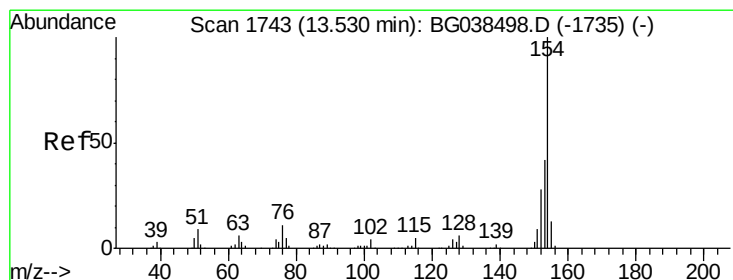
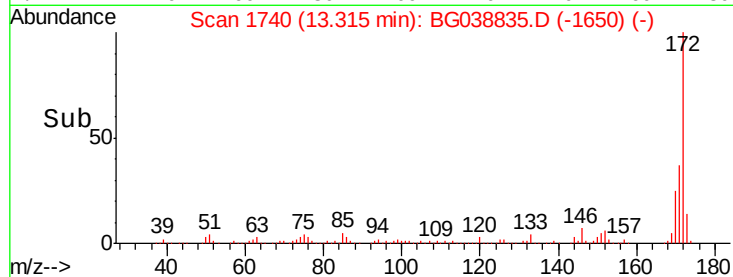
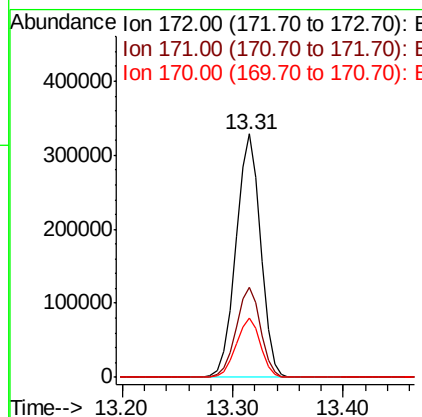
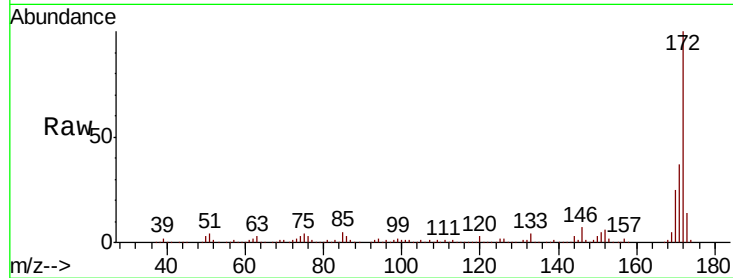
#45
2-Fluorobiphenyl
Concen: 90.281 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	513704		
171	36.8		29.8	44.6
170	24.5		19.5	29.3

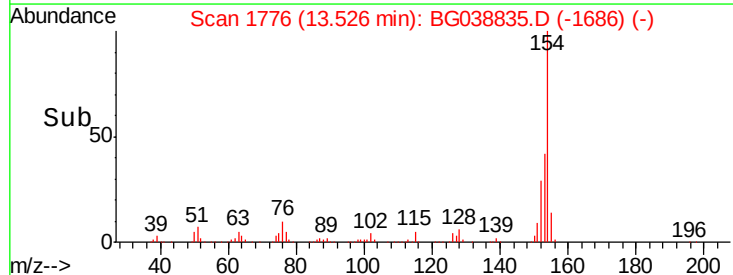
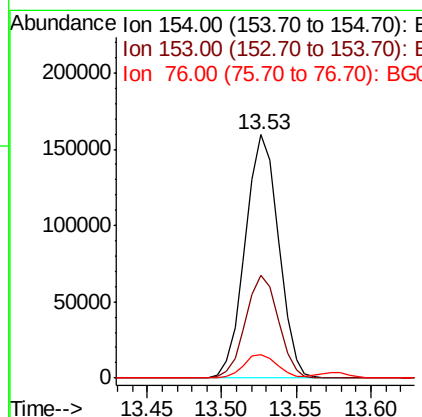
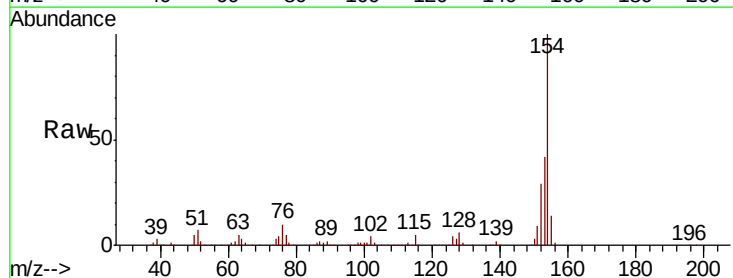
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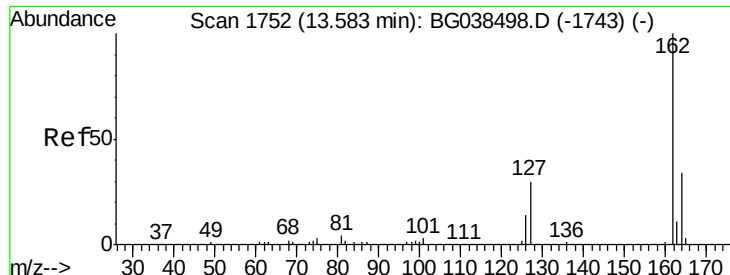
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#46
1,1'-Biphenyl
Concen: 37.736 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	246941		
153	42.2		22.1	62.1
76	9.6		0.0	31.2





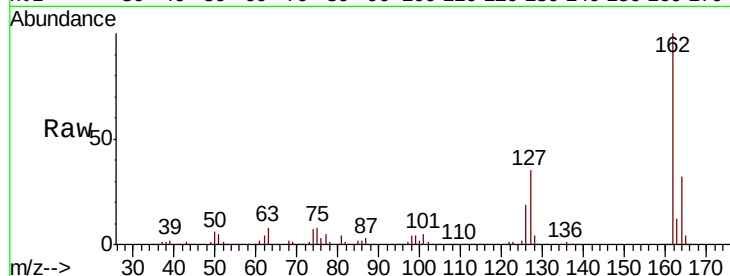
#47
 2-Chloronaphthalene
 Concen: 39.643 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

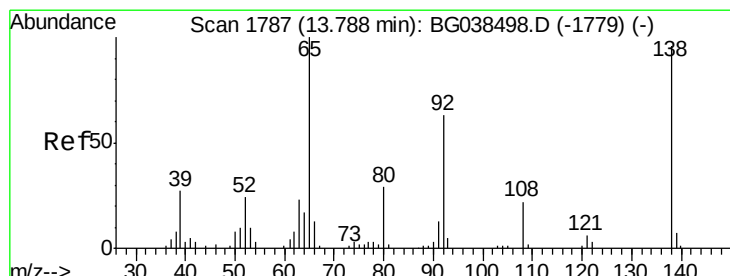
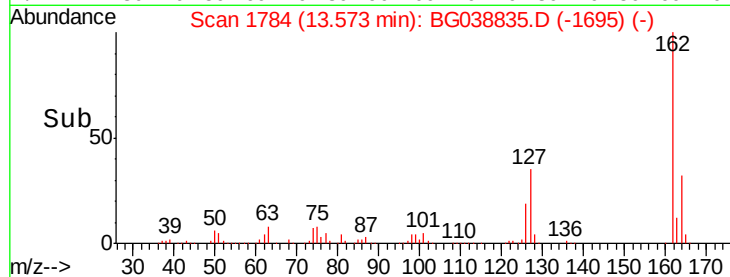
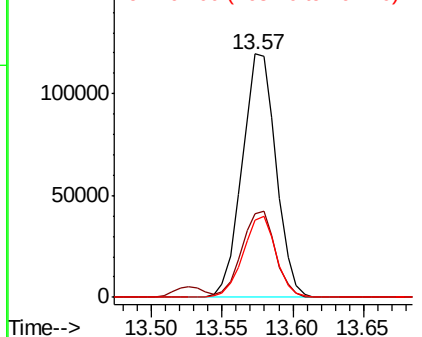
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.6	27.8	41.8
164	31.7	26.9	40.3

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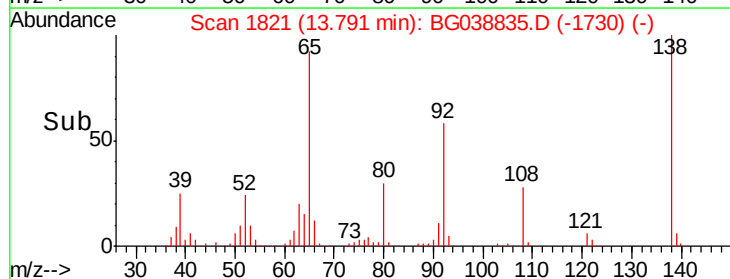
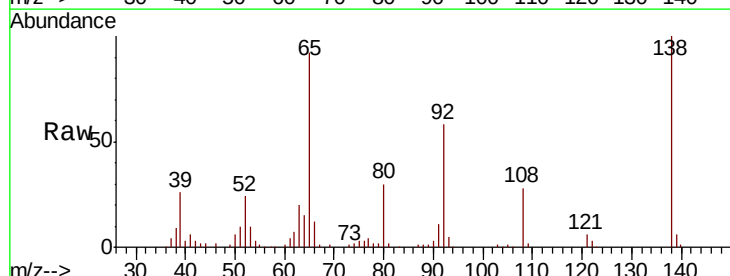
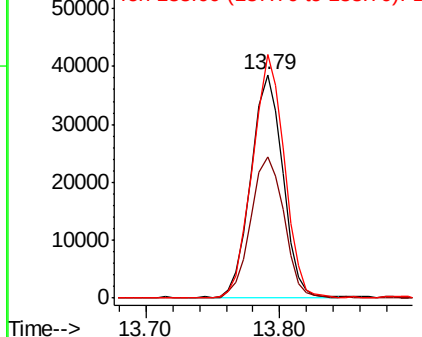
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

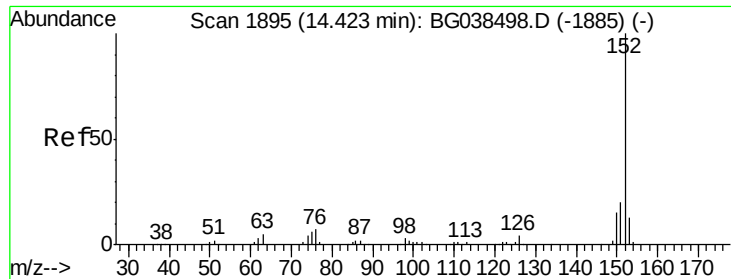


#48
 2-Nitroaniline
 Concen: 39.645 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	50.0	75.0
138	108.8	76.9	115.3

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





#49

Acenaphthylene

Concen: 43.304 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

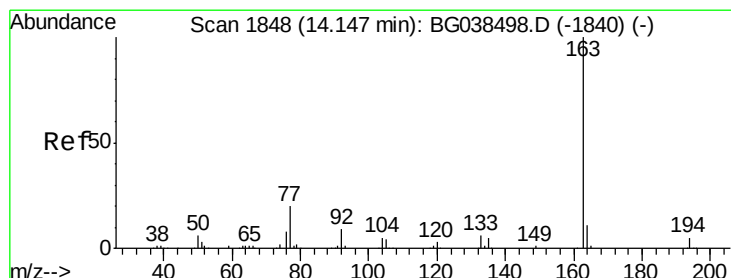
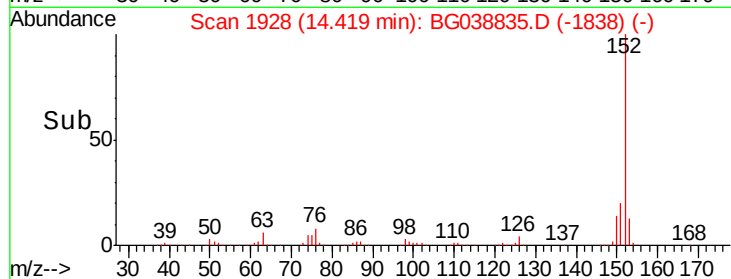
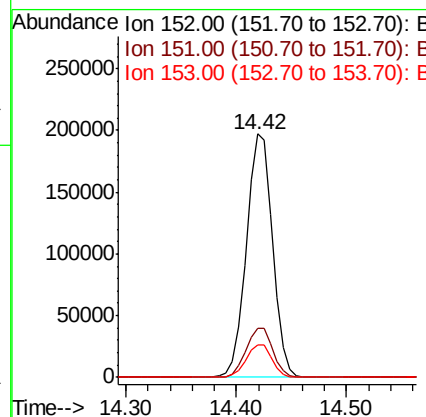
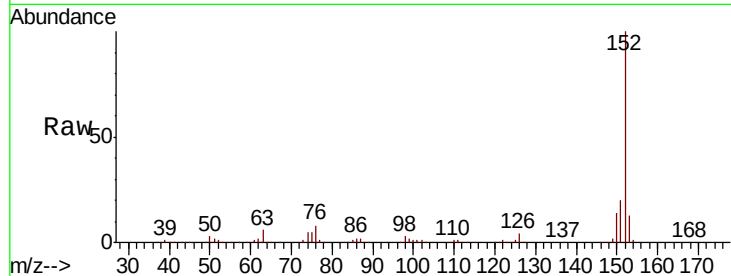
ClientSampleId :

R20-OSMSD

Tot Ion:	152	Resp:	327238
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 43.318 ng

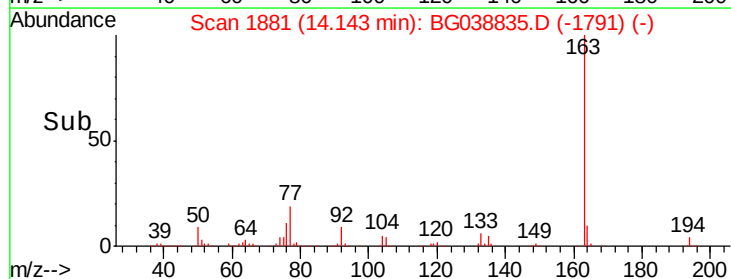
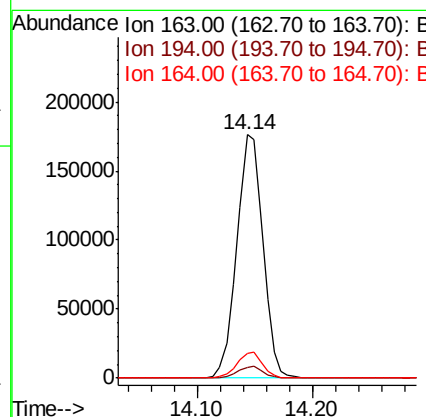
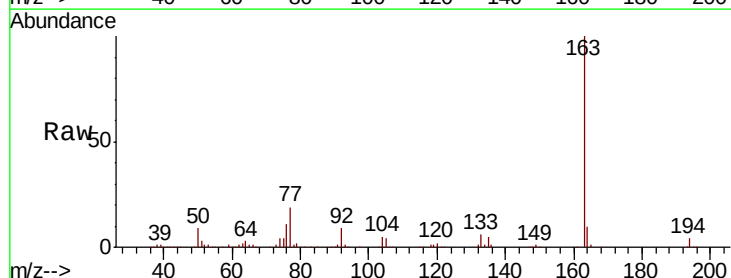
RT: 14.14 min Scan# 1881

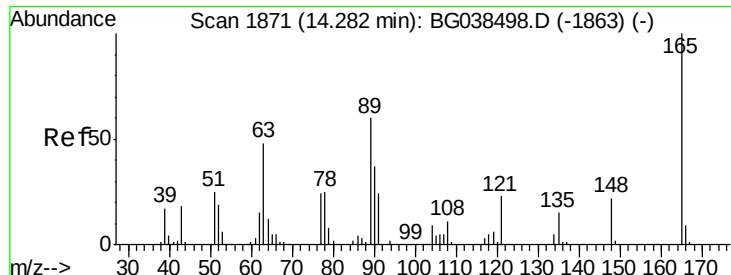
Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:	163	Resp:	276133
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.3	8.6	12.8





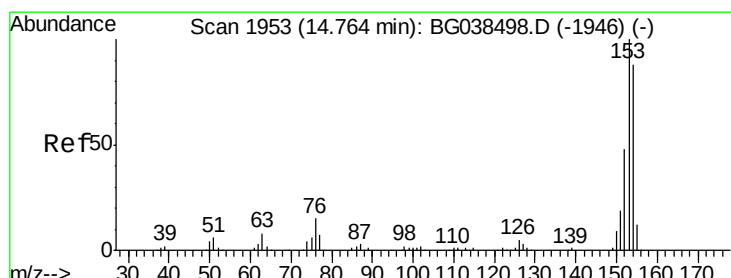
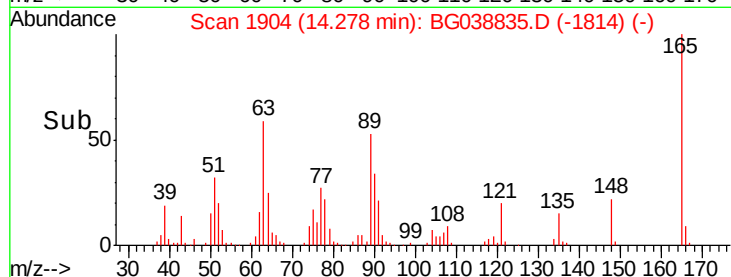
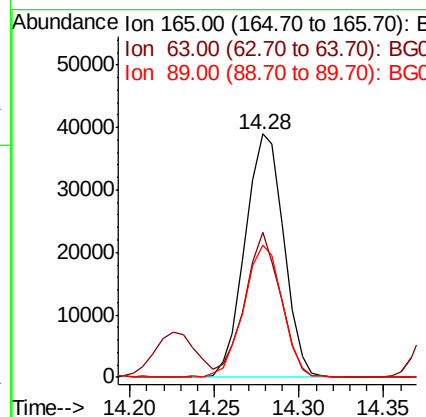
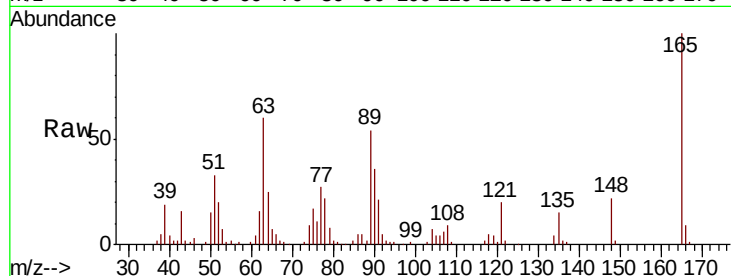
#51
 2,6-Dinitrotoluene
 Concen: 43.062 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampled :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.7	51.8	77.6
89	54.2	47.9	71.9

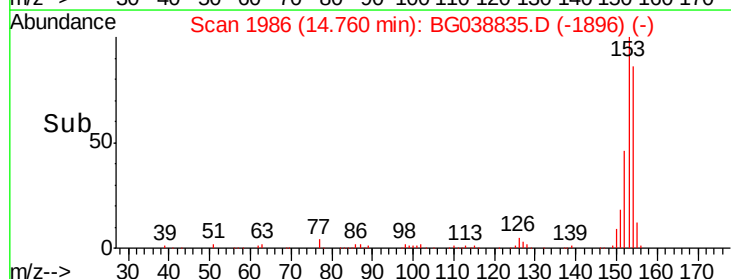
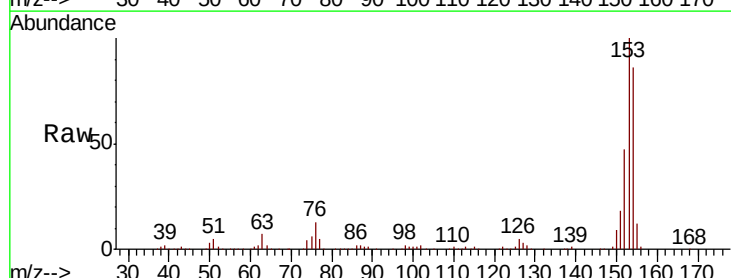
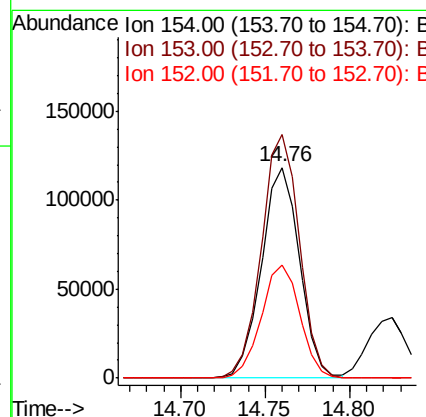
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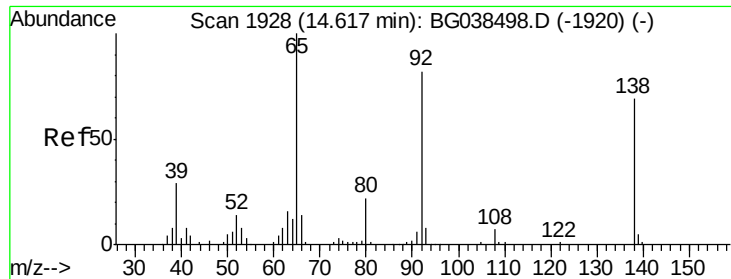
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#52
 Acenaphthene
 Concen: 41.196 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.6	136.0
152	54.0	43.5	65.3





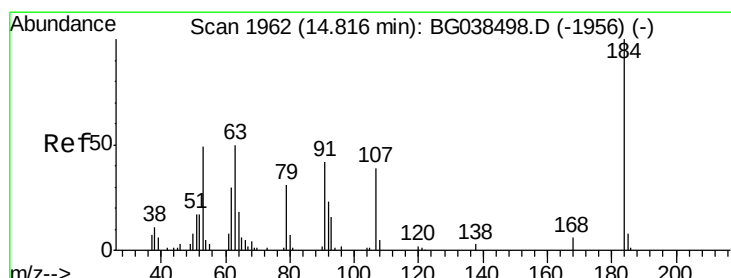
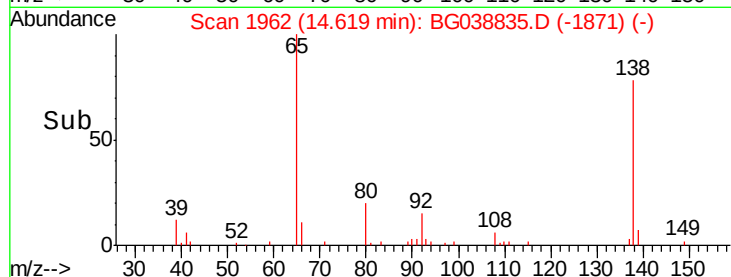
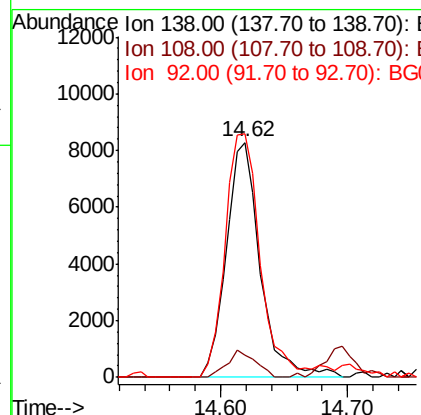
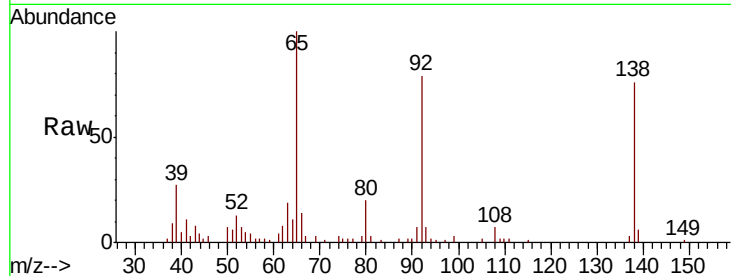
#53
3-Nitroaniline
Concen: 10.387 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	103.6	95.3	142.9

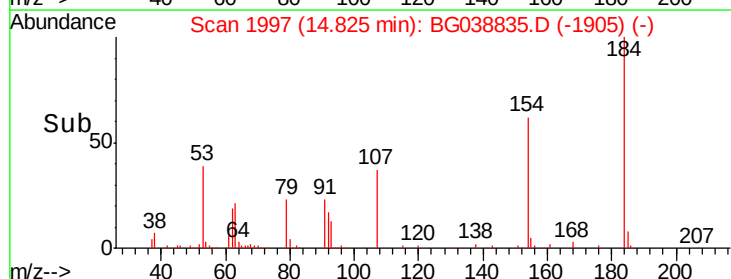
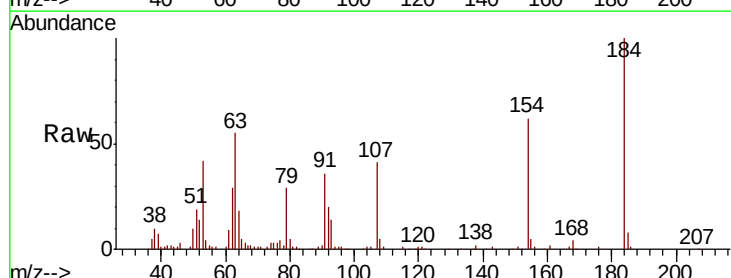
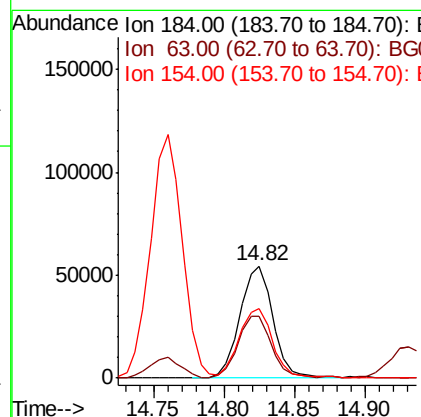
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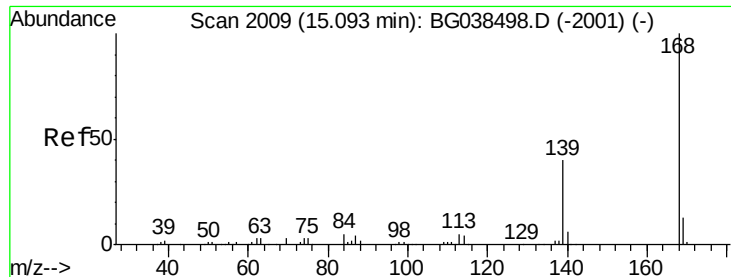
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#54
2,4-Dinitrophenol
Concen: 102.755 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.5	47.0	70.6
154	62.0	50.3	75.5





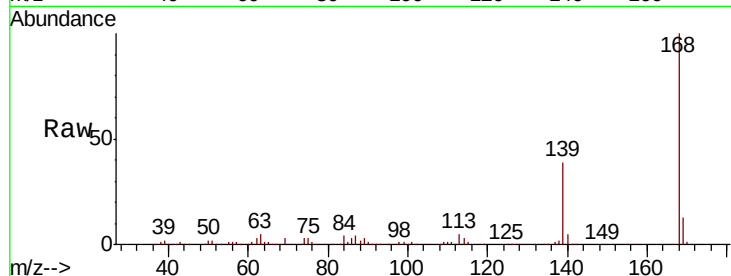
#55
Dibenzenofuran
Concen: 41.856 ng
RT: 15.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampled :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.2	48.2
169	13.5	10.6	16.0

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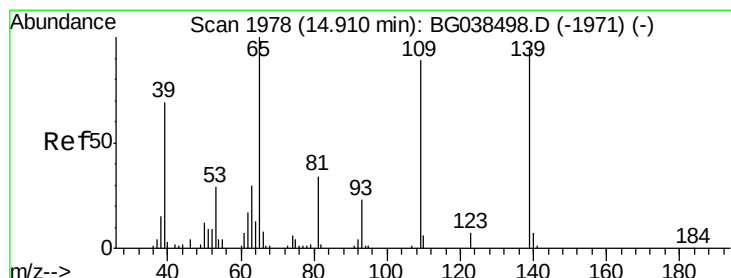
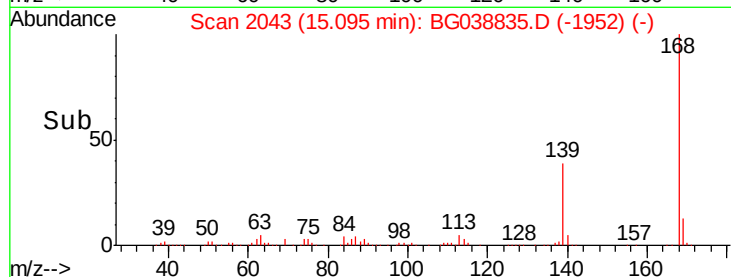
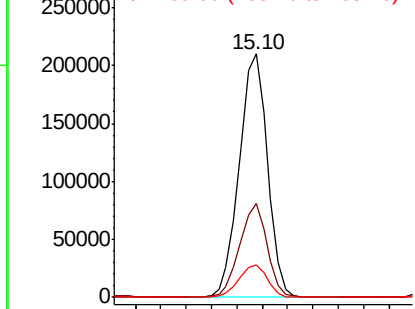


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 78.417 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

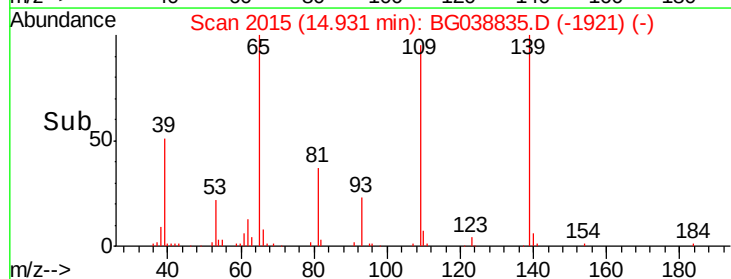
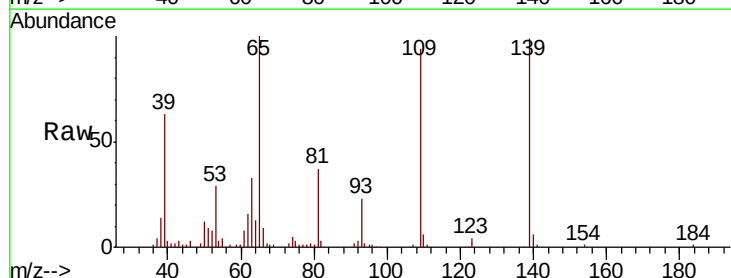
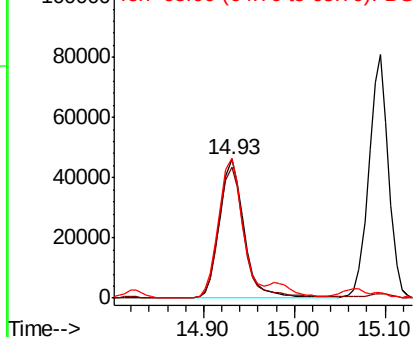
Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.7	73.6	113.6
65	101.0	84.8	124.8

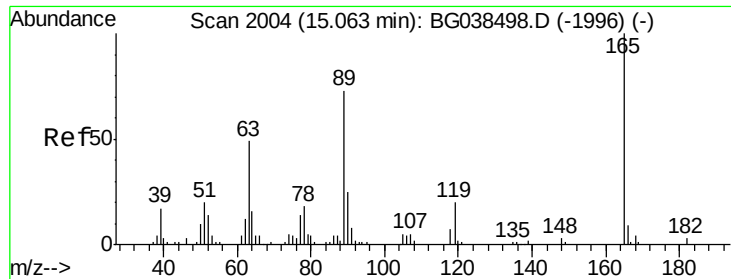
Abundance

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): BGO





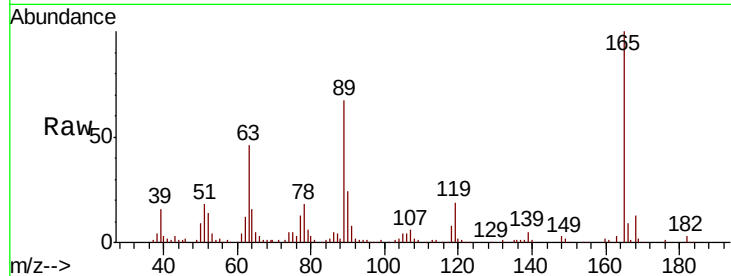
#57
2,4-Dinitrotoluene
Concen: 43.169 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

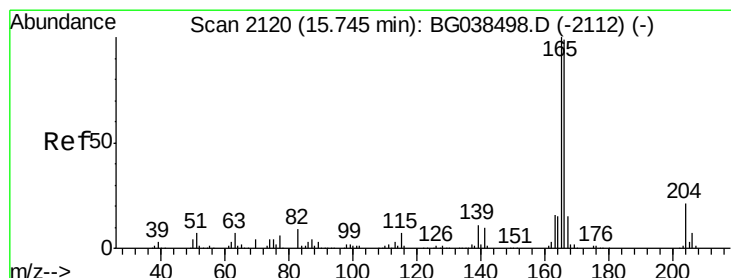
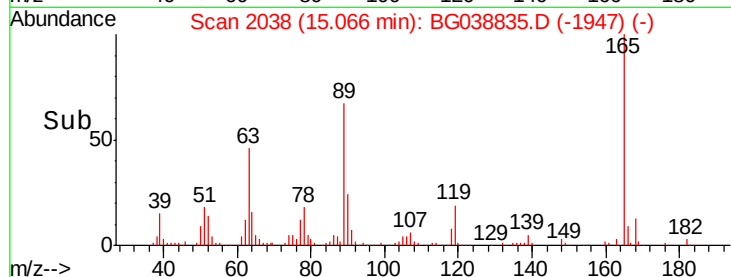
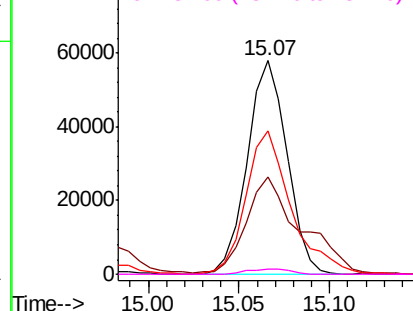
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.7	39.0	58.4
89	66.9	58.0	87.0
182	2.6	2.3	3.5

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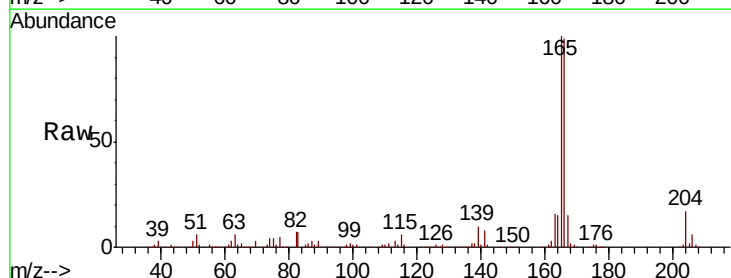


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

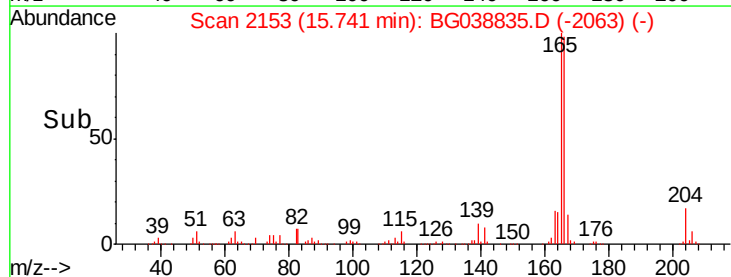
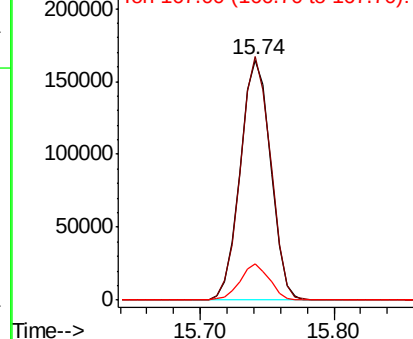


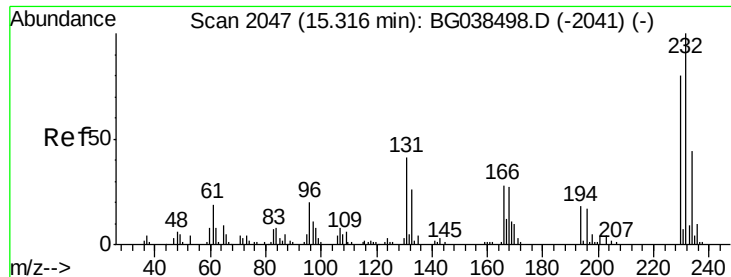
#58
Fluorene
Concen: 45.185 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	101.4	80.6	120.8
167	15.0	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





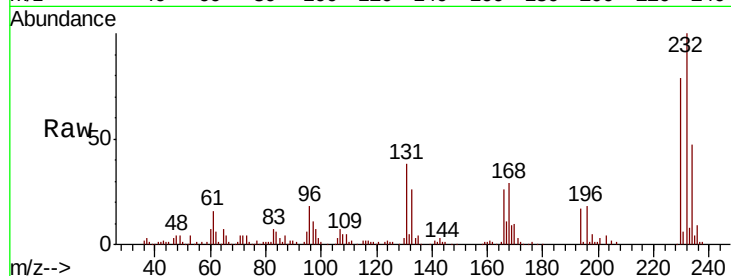
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.282 ng
RT: 15.32 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.2	33.0	49.4
130	2.5	2.0	3.0
166	26.9	23.1	34.7

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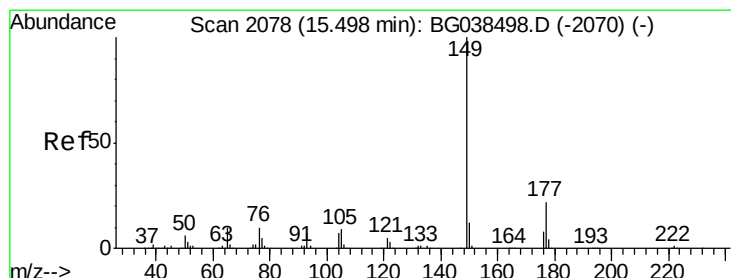
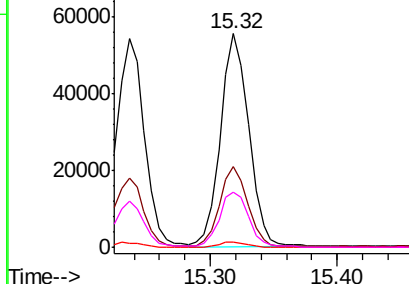
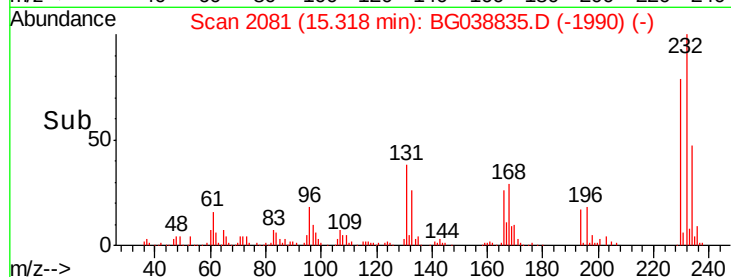
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

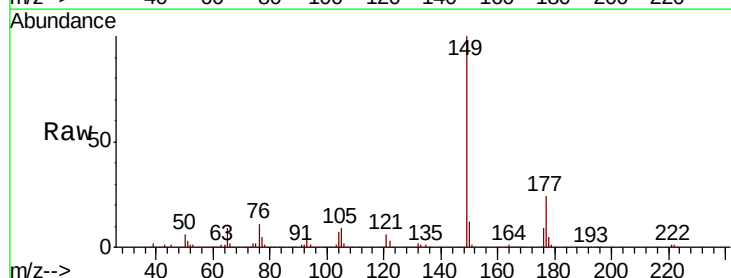
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.712 ng
RT: 15.50 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.7	26.5
150	12.4	9.9	14.9

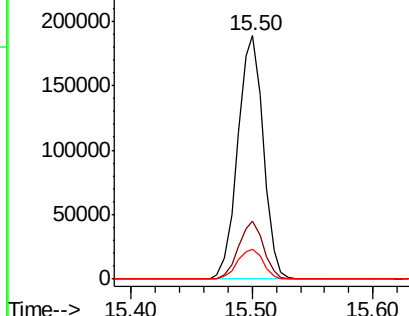
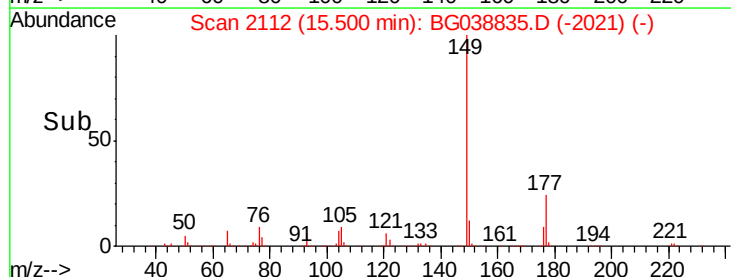


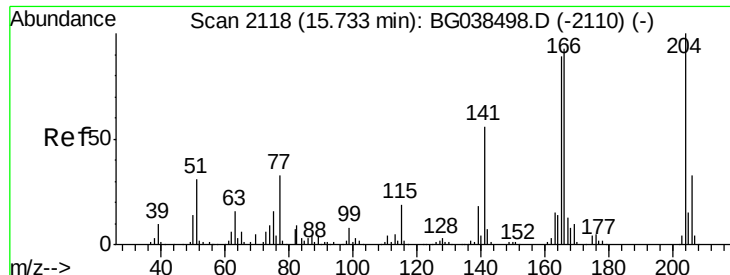
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





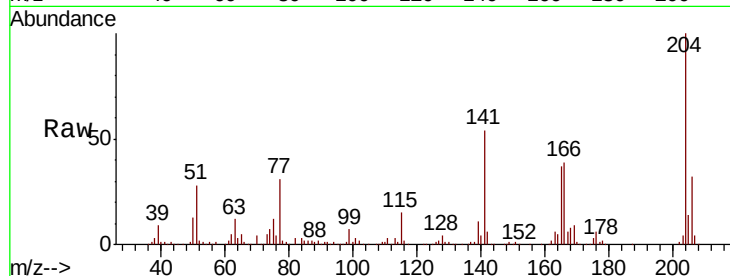
#61
4-Chlorophenyl-phenylether
Concen: 42.146 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.0	39.0
141	54.5	44.4	66.6

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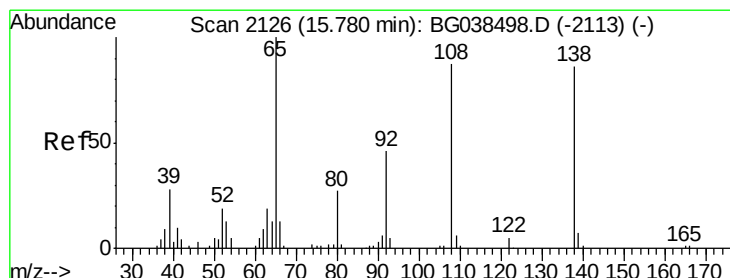
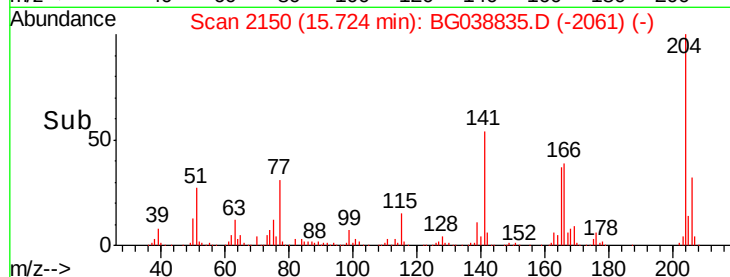
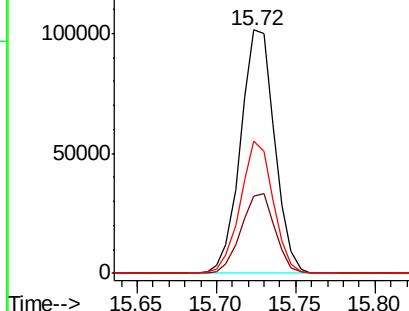


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.907 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

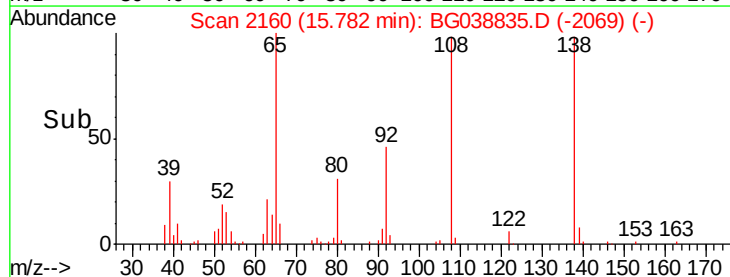
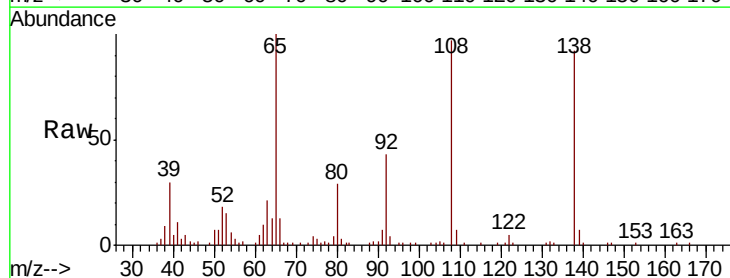
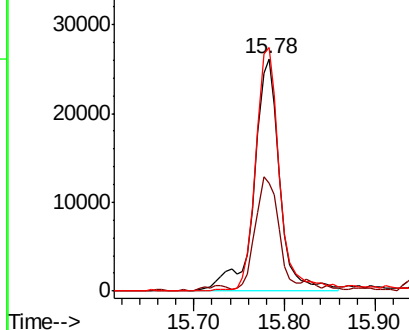
Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	33.3	73.3
108	104.9	81.4	121.4

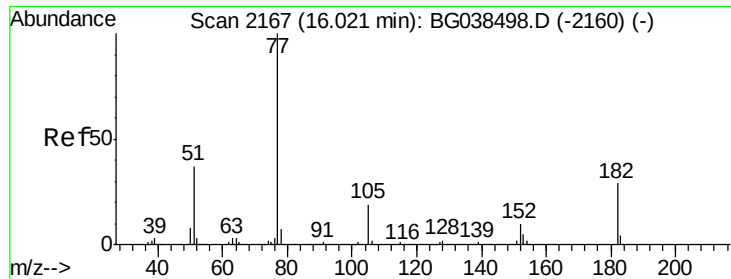
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





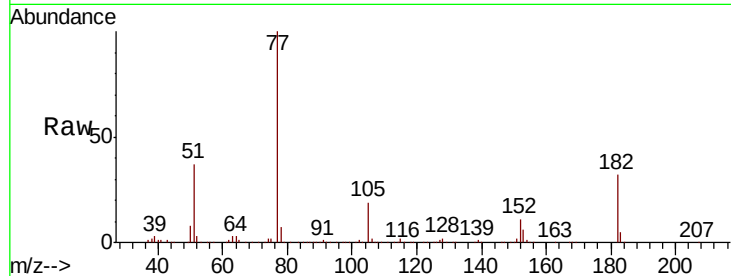
#63
Azobenzene
Concen: 37.340 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

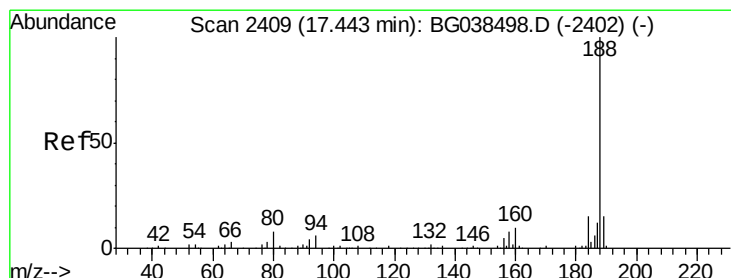
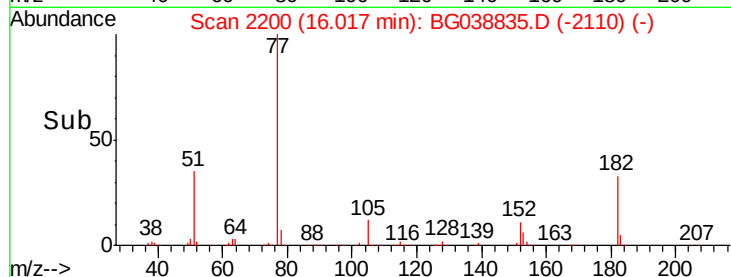
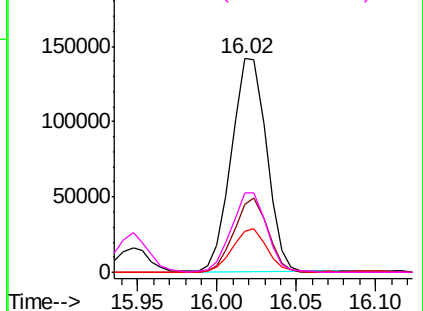
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	8.7	48.7	
105	19.0	0.0	38.7	
51	37.0	16.6	56.6	

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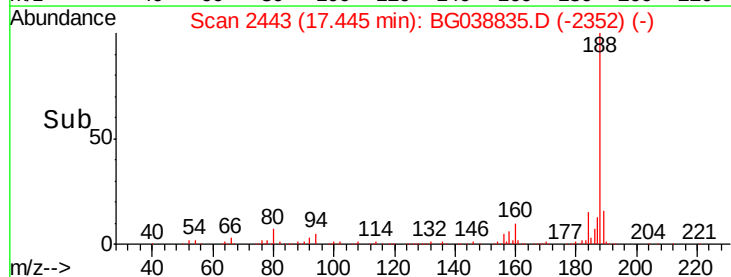
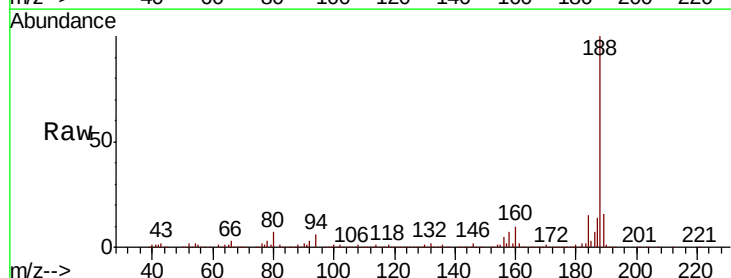
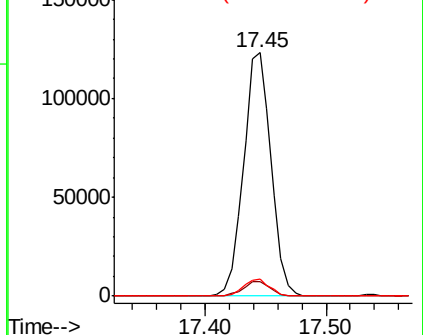
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

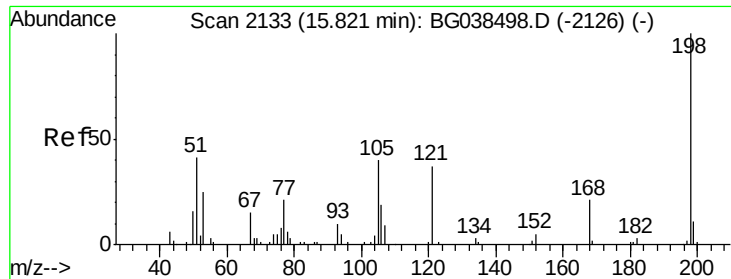


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	5.1	7.7	
80	6.9	6.1	9.1	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





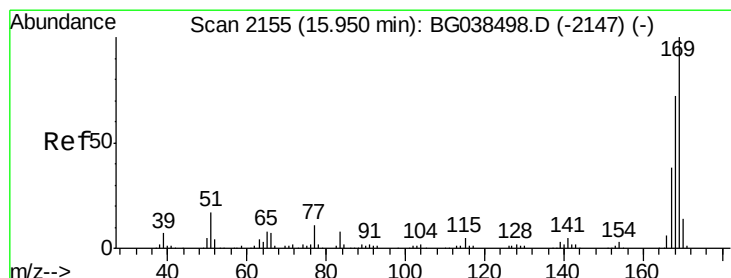
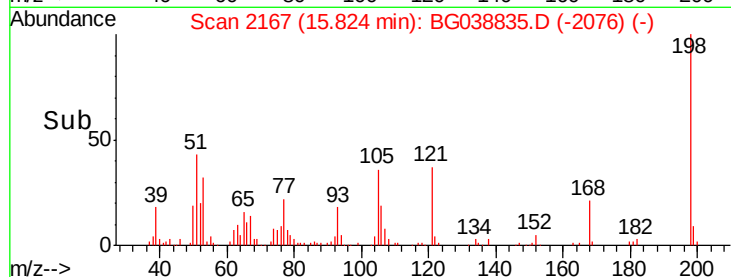
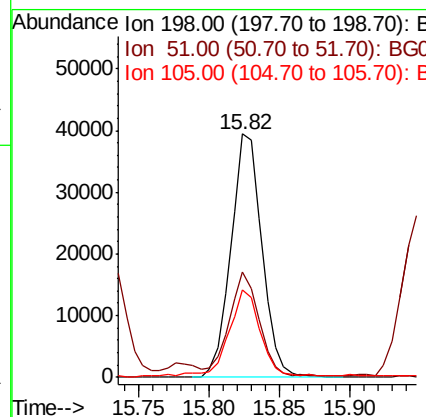
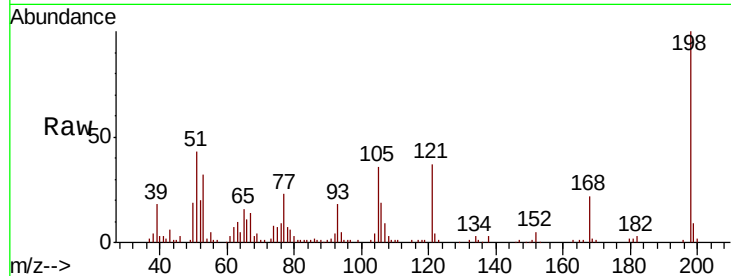
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.241 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	60268		
51	43.2	28.6	68.6	
105	36.0	20.4	60.4	

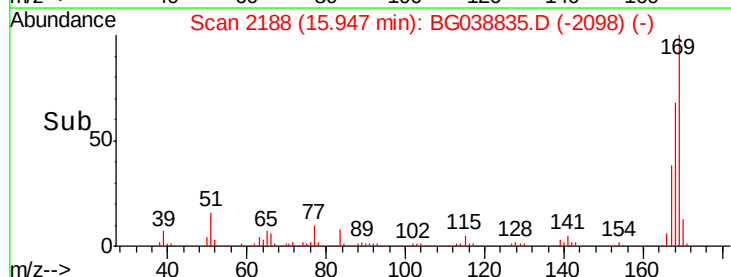
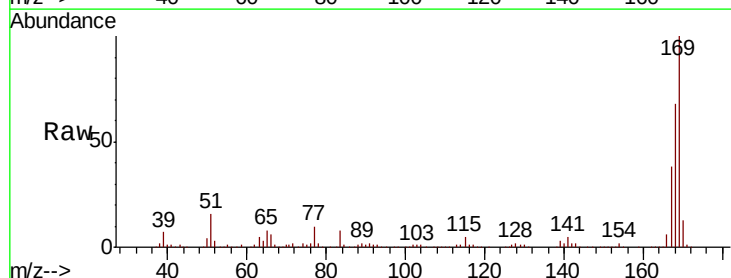
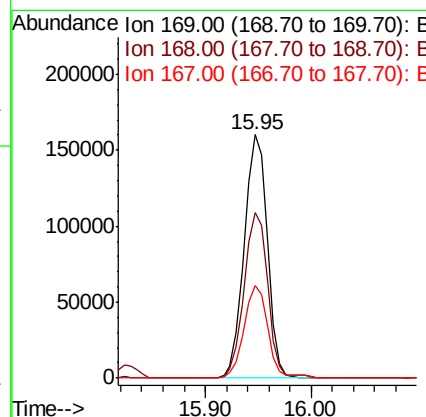
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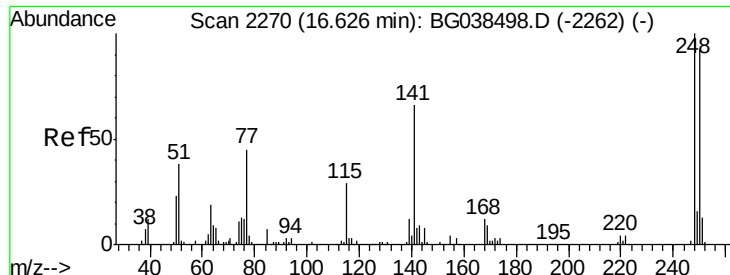
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#66
 n-Nitrosodiphenylamine
 Concen: 42.079 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	241565		
168	68.0	57.5	86.3	
167	37.8	30.2	45.2	





#67

4-Bromophenyl-phenylether

Concen: 41.786 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

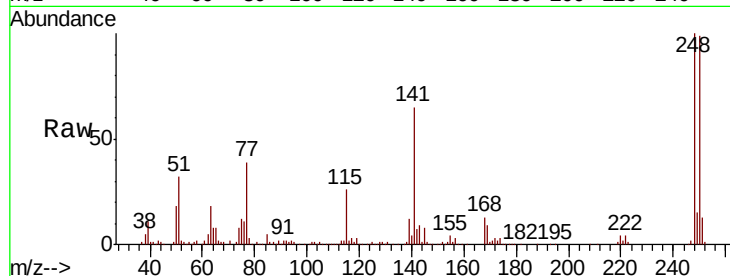
ClientSampled :

R20-OSMSD

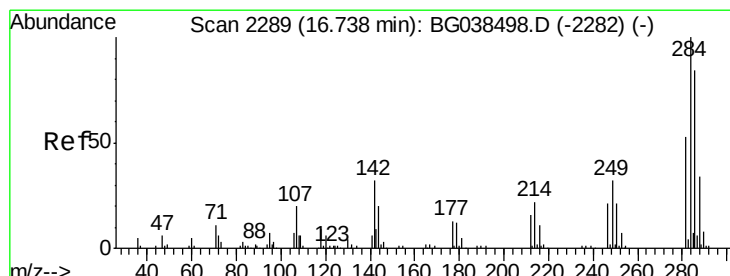
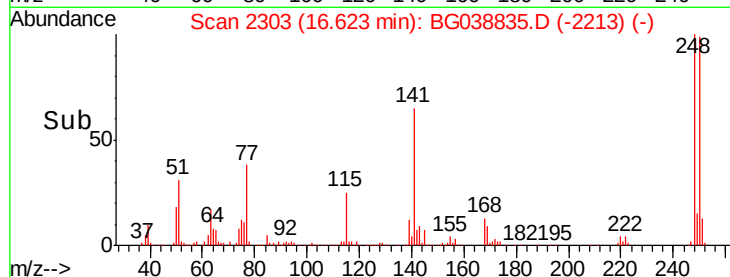
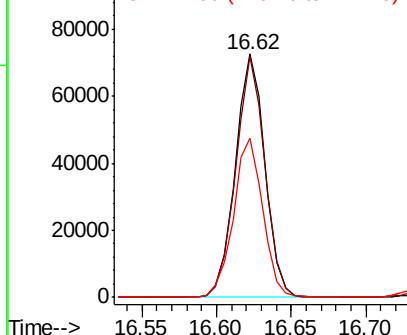
Tot Ion:	248	Resp:	99709
Ion Ratio	Lower	Upper	
248	100		
250	99.2	73.4	110.2
141	65.4	52.9	79.3

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.246 ng

RT: 16.74 min Scan# 2323

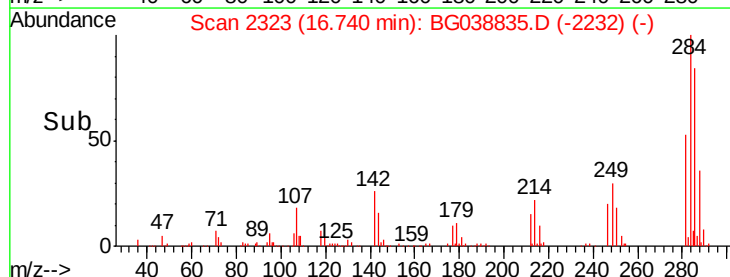
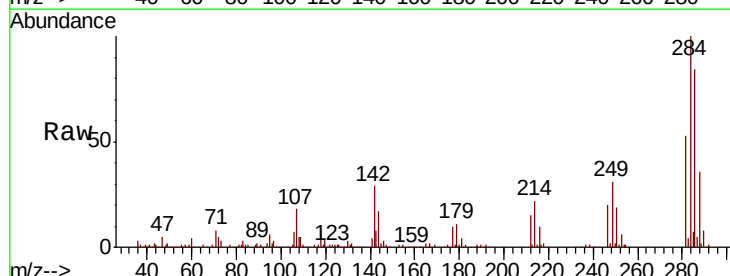
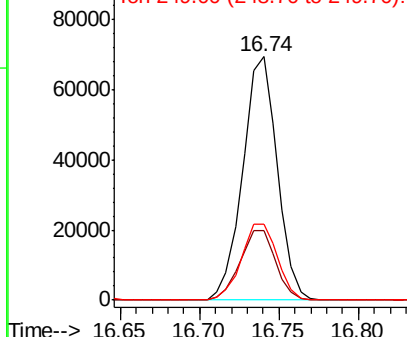
Delta R.T. 0.00 min

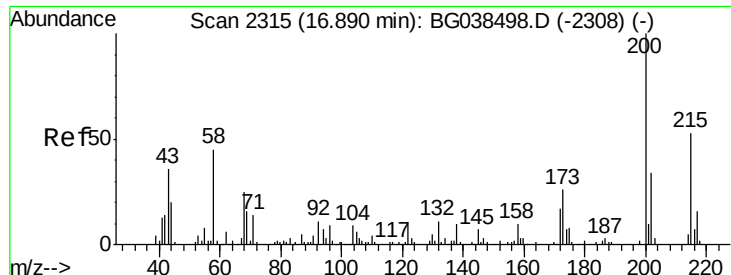
Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion:	284	Resp:	104496
Ion Ratio	Lower	Upper	
284	100		
142	28.7	25.8	38.6
249	33.3	27.0	40.4

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





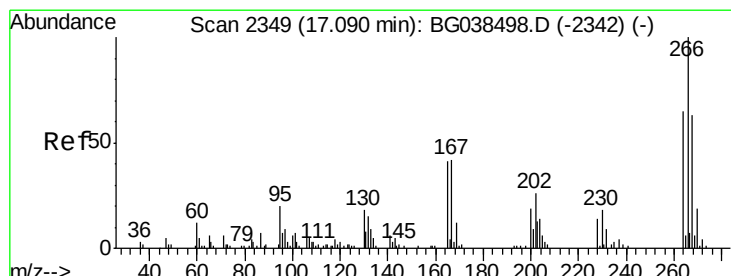
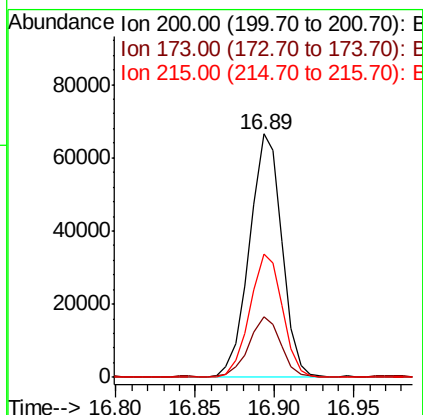
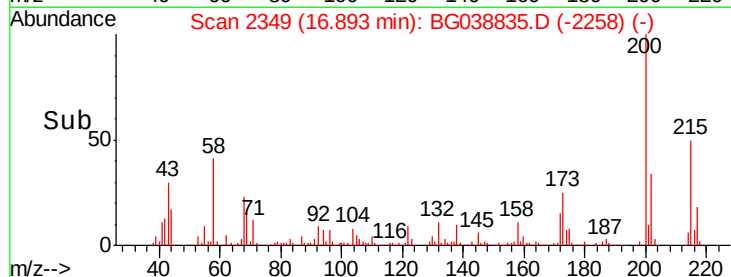
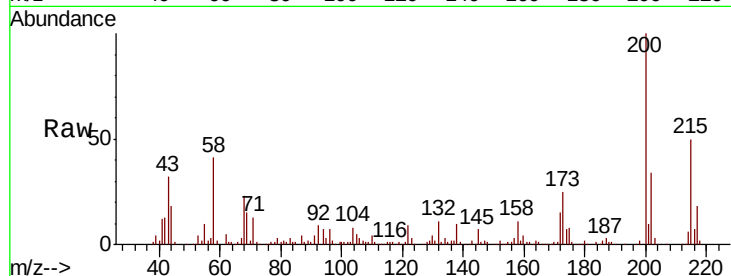
#69
Atrazine
Concen: 44.577 ng
RT: 16.89 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.9	45.9
215	50.5	33.1	73.1

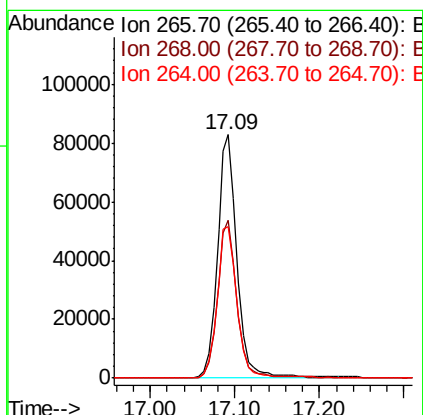
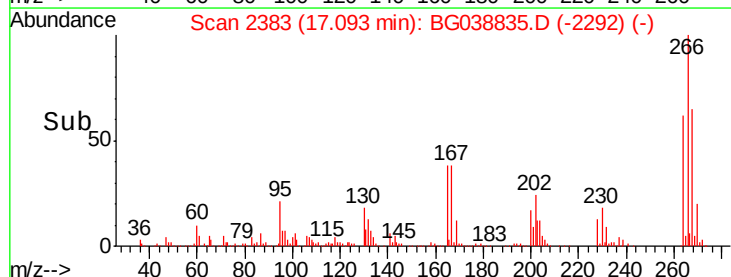
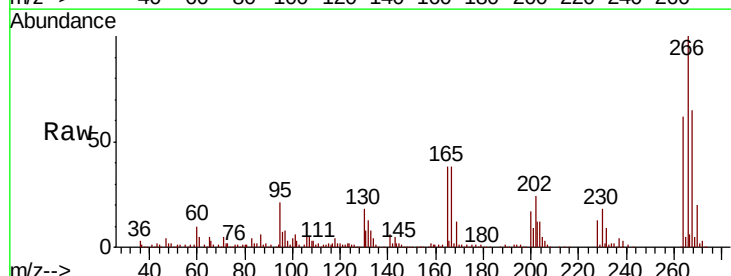
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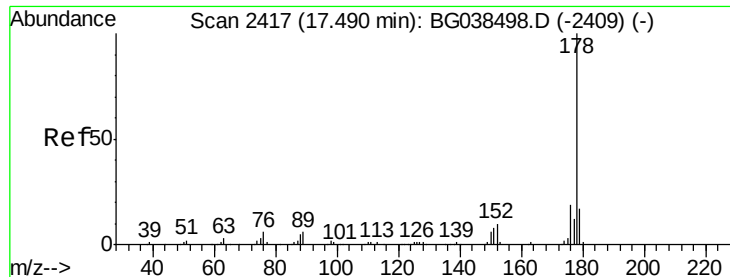
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#70
Pentachlorophenol
Concen: 91.219 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.3	55.0	82.6
264	67.1	56.7	85.1





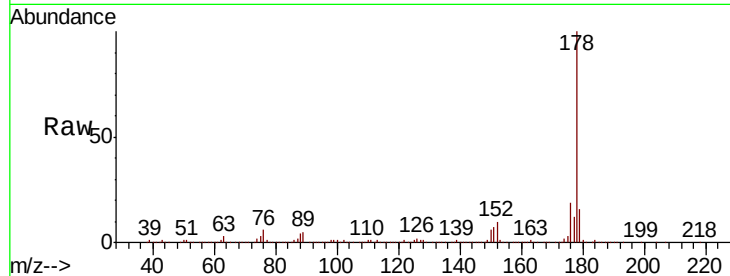
#71
Phenanthrene
Concen: 43.597 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

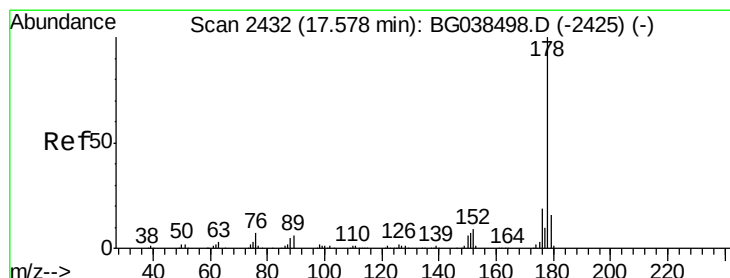
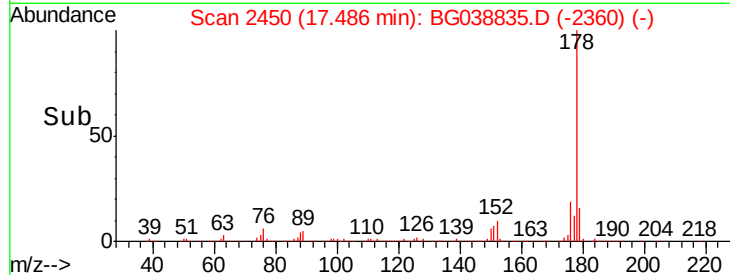
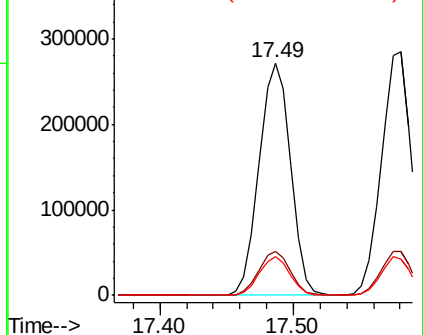
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.4	13.2	19.8

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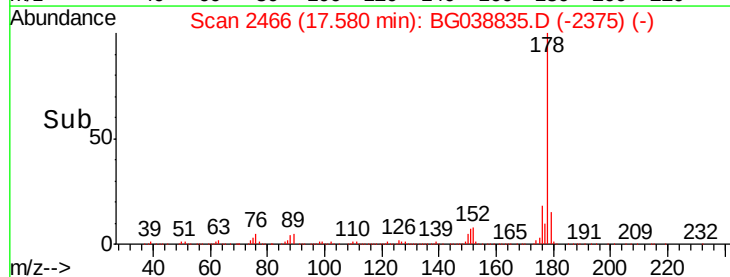
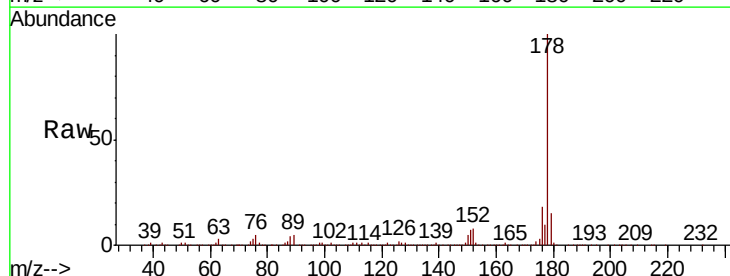
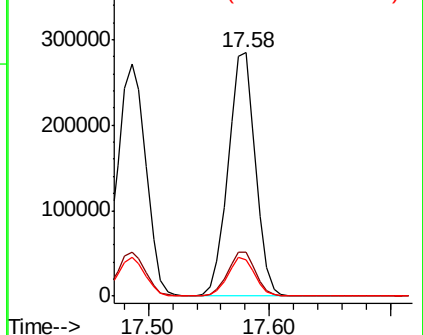
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

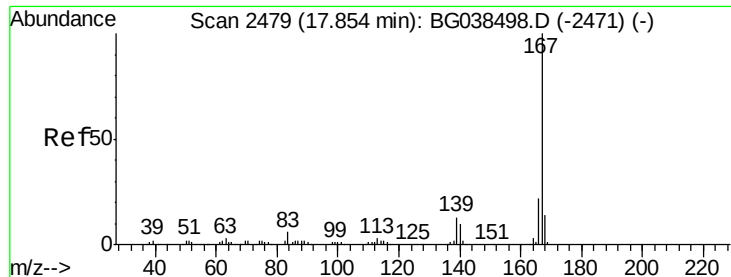


#72
Anthracene
Concen: 44.412 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.1	12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





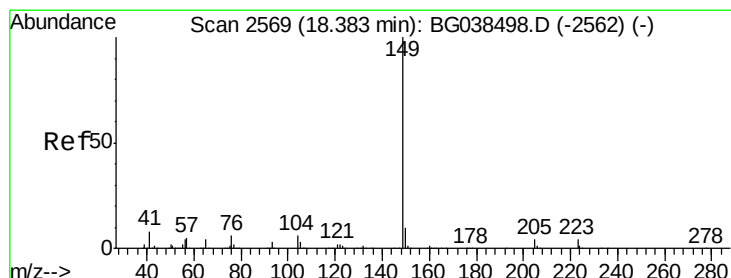
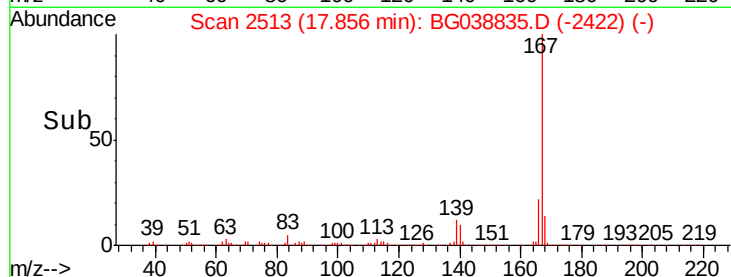
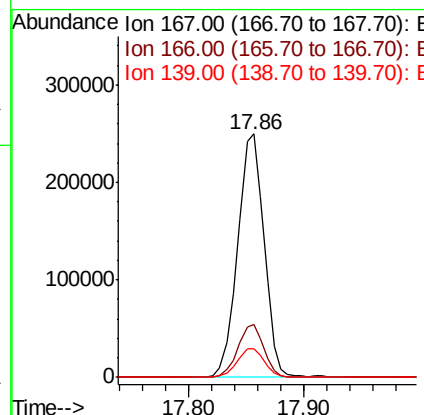
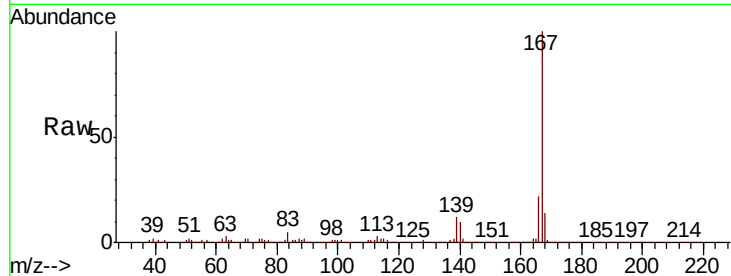
#73
 Carbazole
 Concen: 39.955 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.0	10.2	15.2

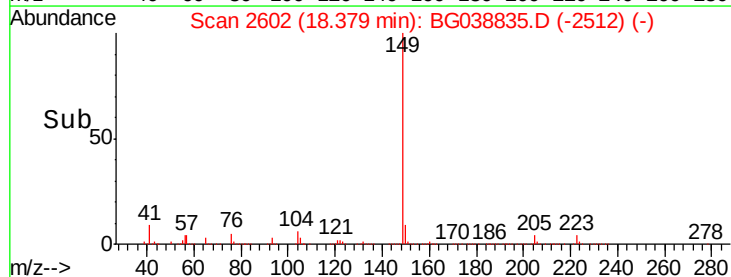
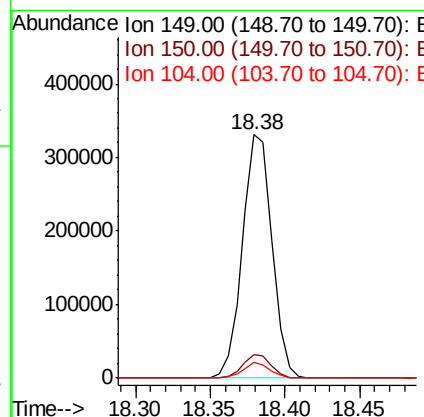
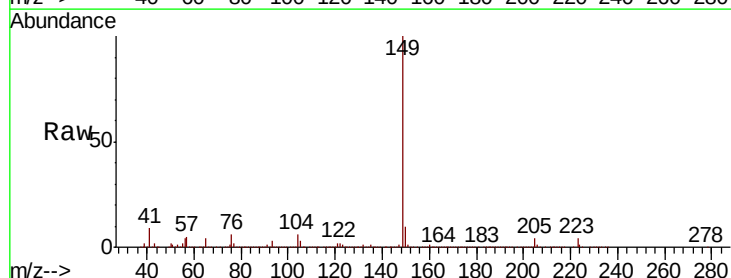
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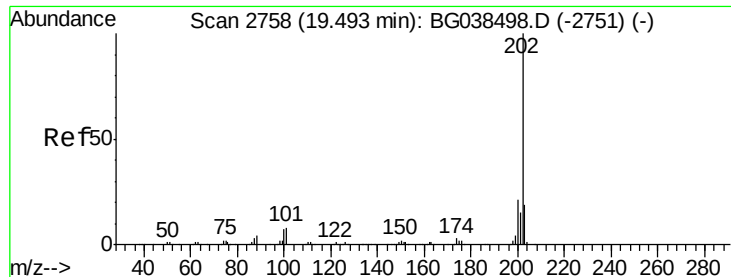
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#74
 Di-n-butylphthalate
 Concen: 39.855 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 42.280 ng

RT: 19.50 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

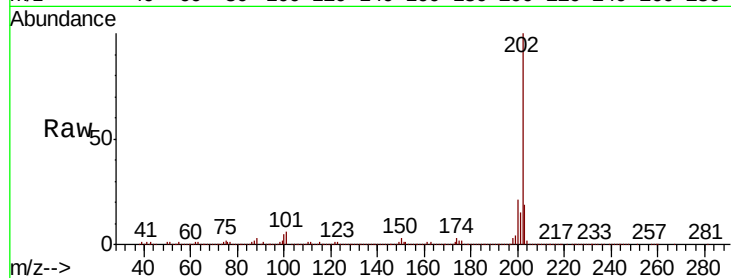
ClientSampleId :

R20-OSMSD

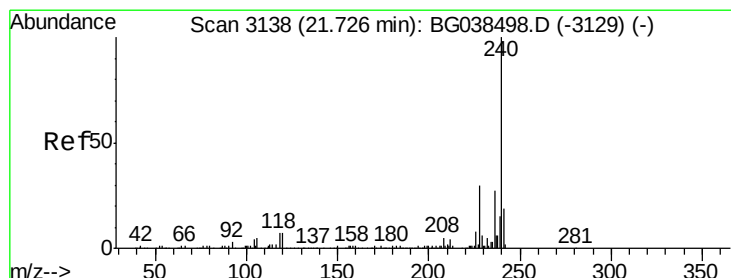
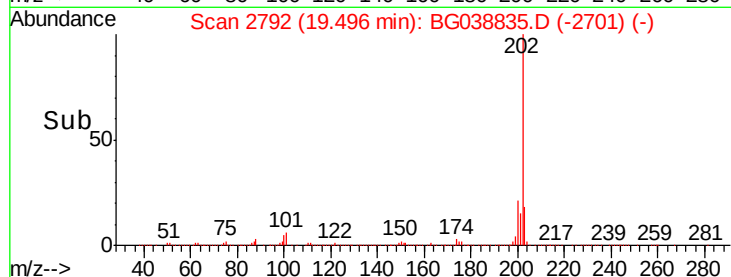
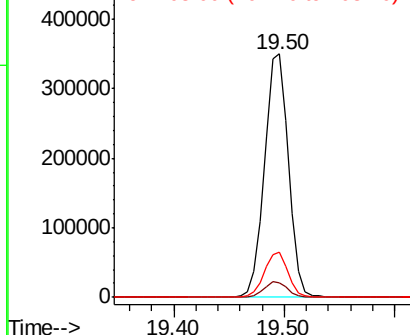
Tot Ion:	202	Resp:	530014
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	28.1
203	18.6	0.0	39.0

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



#76

Chrysene-d12

Concen: 20.000 ng

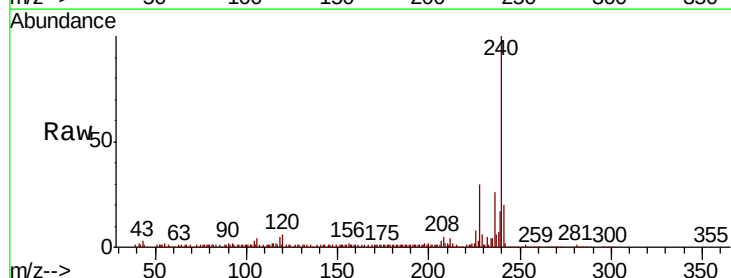
RT: 21.73 min Scan# 3172

Delta R.T. 0.00 min

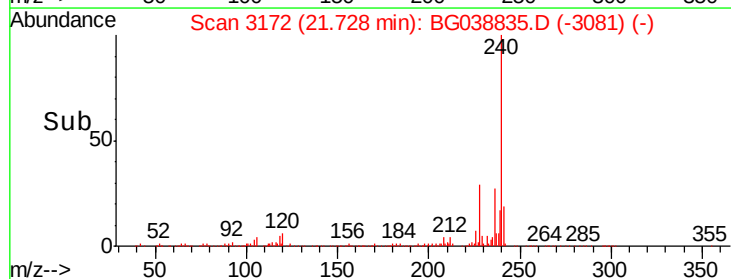
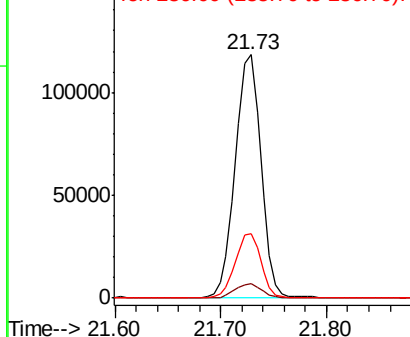
Lab File: BG038835.D

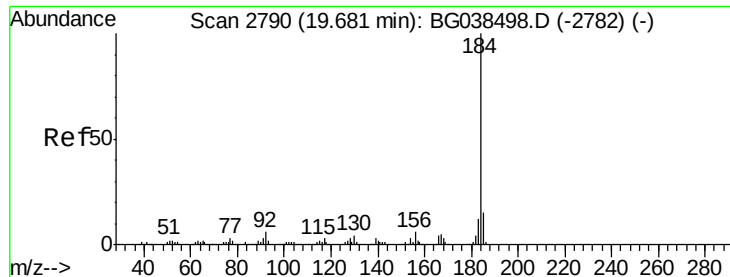
Acq: 26 Dec 2018 18:11

Tgt Ion:	240	Resp:	198682
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.3	7.9
236	26.4	21.4	32.2



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





#77

Benzidine

Concen: 0.134 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.10 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

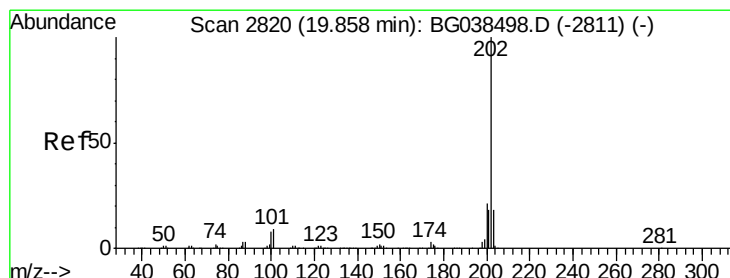
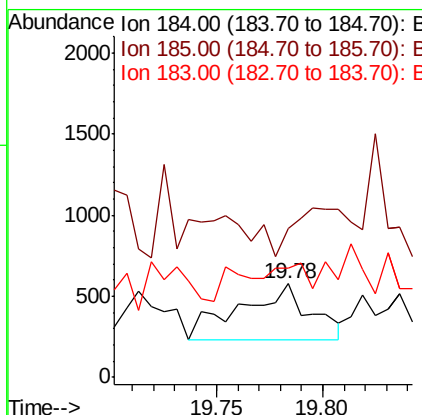
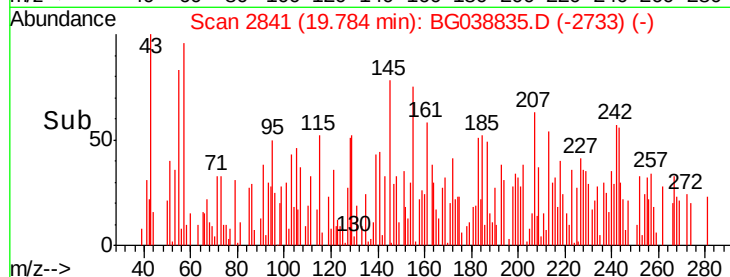
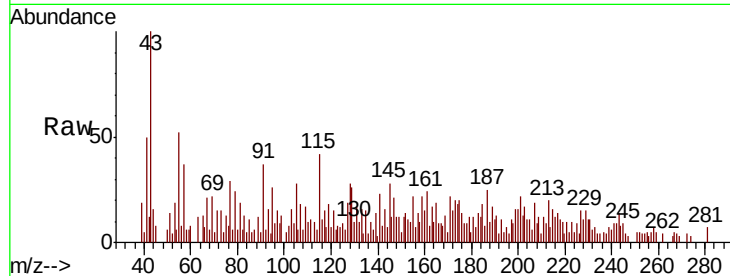
ClientSampleId :

R20-OSMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	159.0	12.2	18.2#
183	116.7	9.6	14.4#

Manual Integrations
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#78

Pyrene

Concen: 40.376 ng

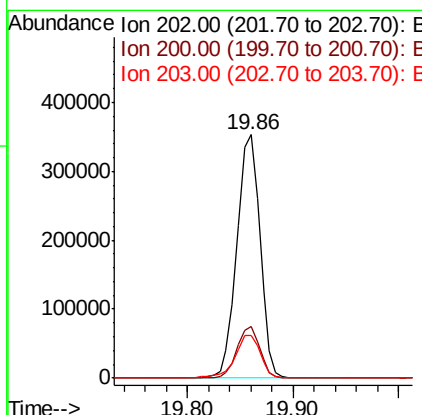
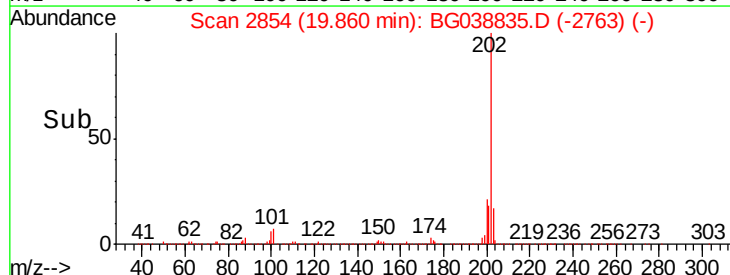
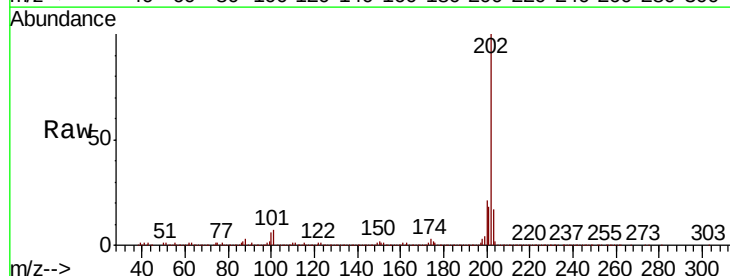
RT: 19.86 min Scan# 2854

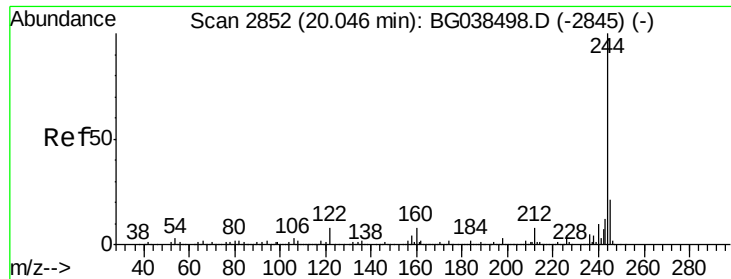
Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.3	14.6	21.8





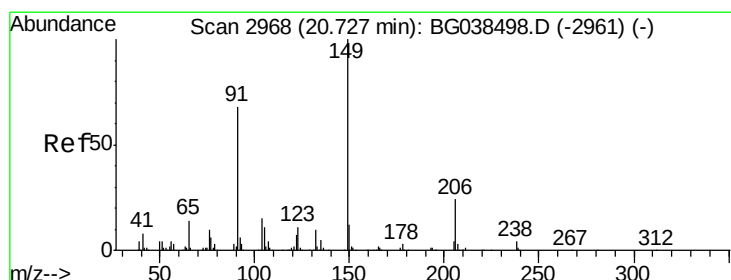
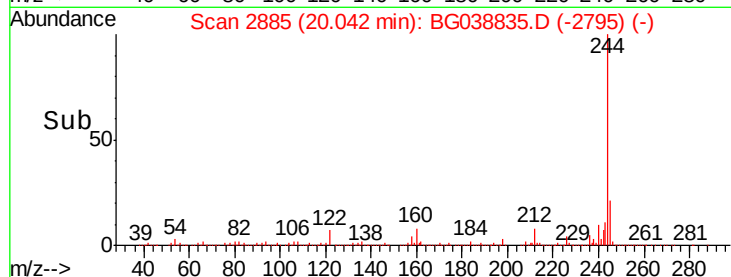
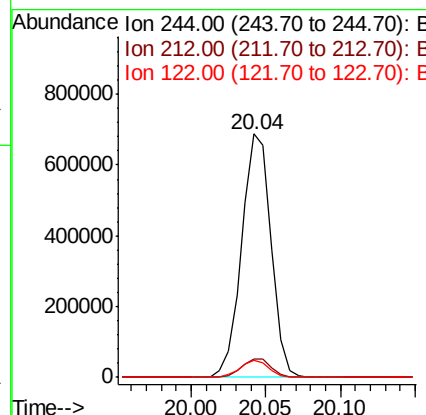
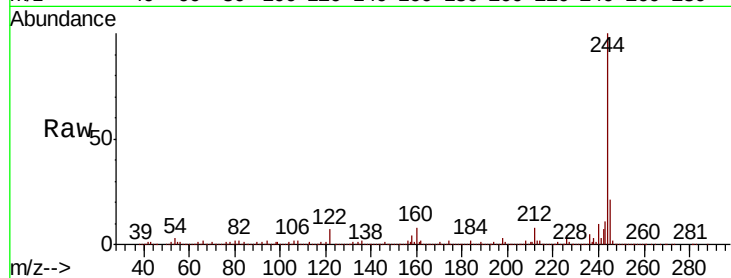
#79
 Terphenyl-d14
 Concen: 102.534 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.1	6.3	9.5

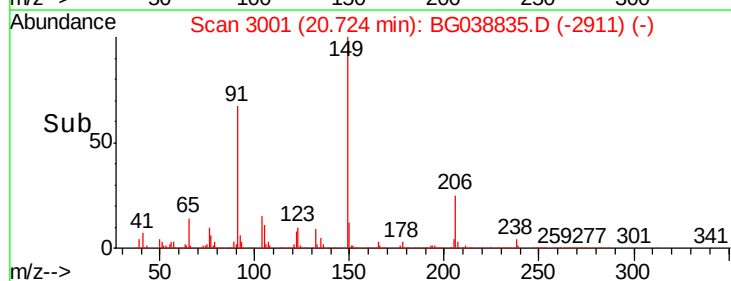
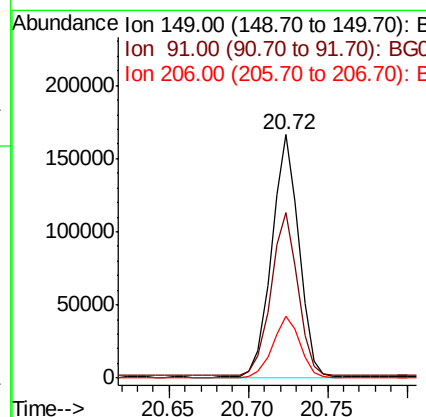
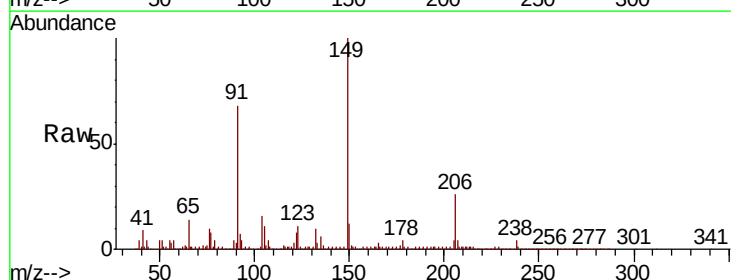
Manual Integrations
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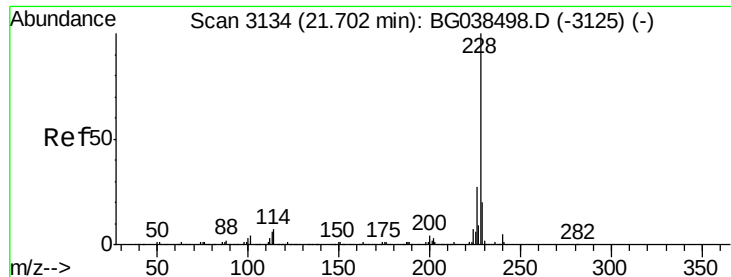
Sohil
 12/27/2018 8:23:30 AM



#80
 Butylbenzylphthalate
 Concen: 38.628 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	54.5	81.7
206	25.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 43.974 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

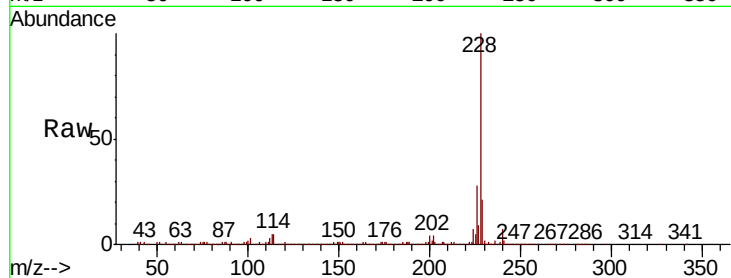
ClientSampleId :

R20-OSMSD

Tot Ion:	228	Resp:	532374
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.8	32.8
229	20.8	15.8	23.6

Manual Integrations
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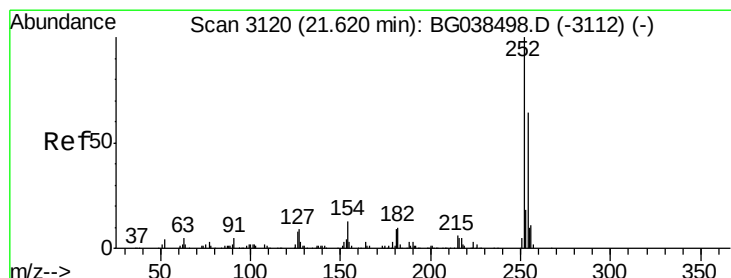
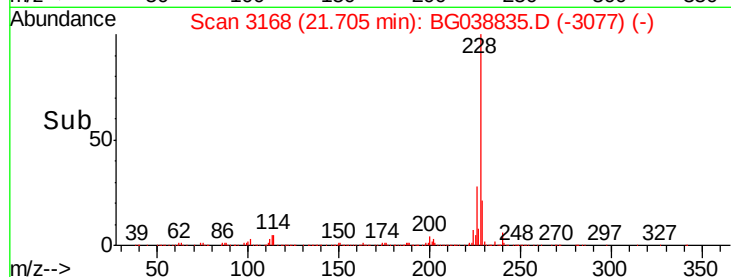
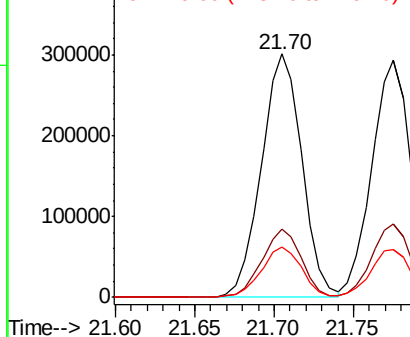


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.075 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

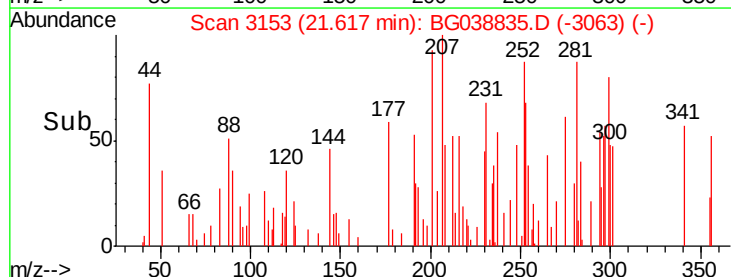
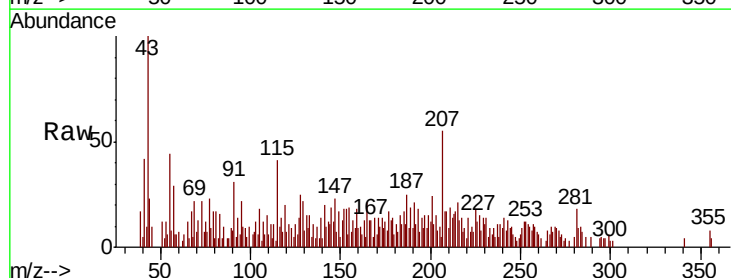
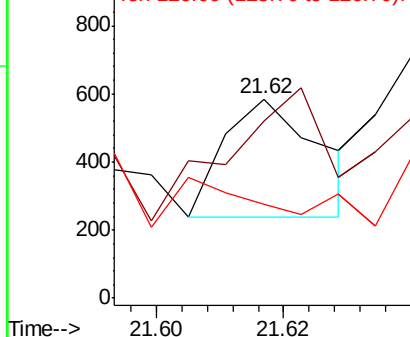
Tgt Ion:	252	Resp:	360
Ion Ratio	Lower	Upper	
252	100		
254	88.7	50.9	76.3#
126	47.4	6.3	9.5#

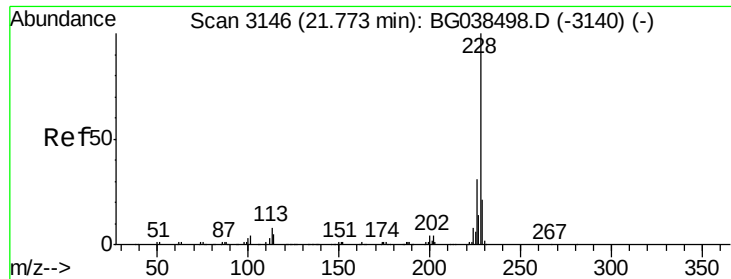
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





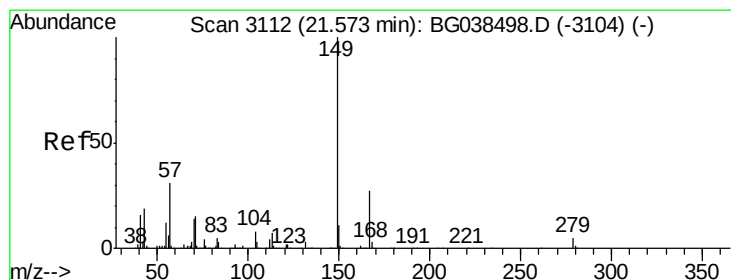
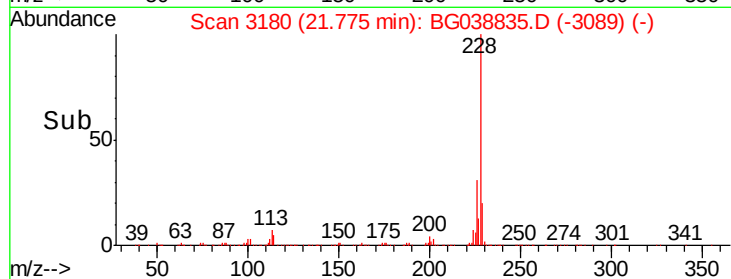
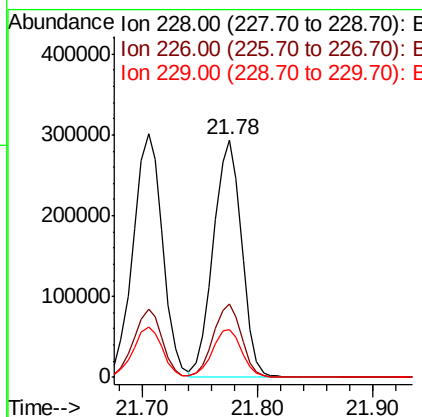
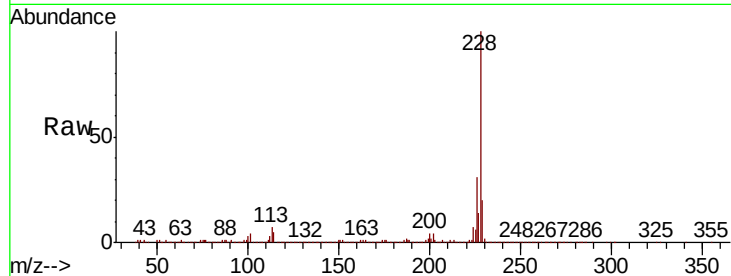
#83
 Chrysene
 Concen: 42.635 ng
 RT: 21.78 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	20.3	16.5	24.7

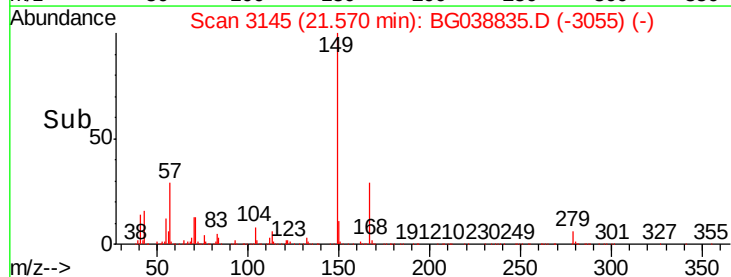
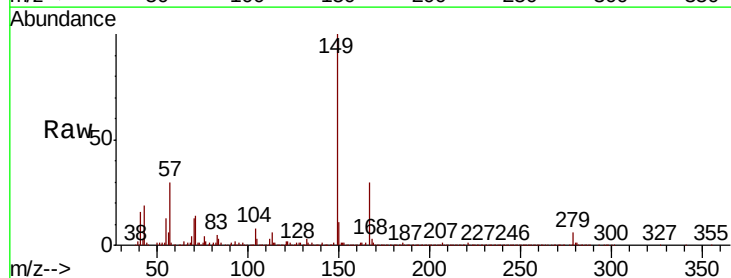
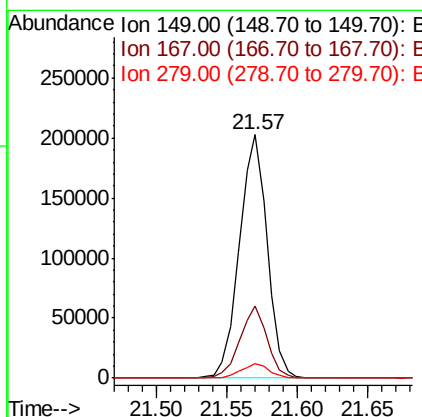
Manual Integrations
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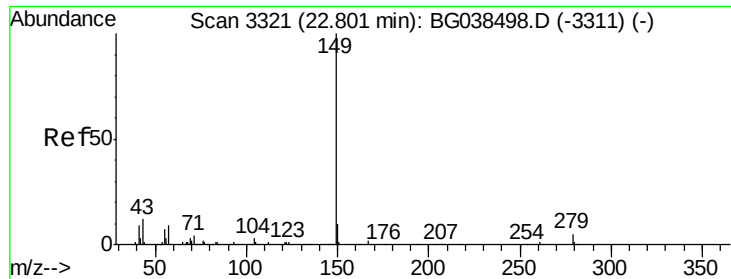
Sohil
 12/27/2018 8:23:30 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.892 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038835.D
 Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.9	32.9
279	6.2	4.2	6.2





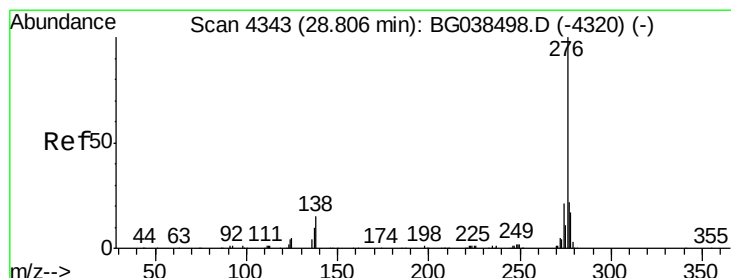
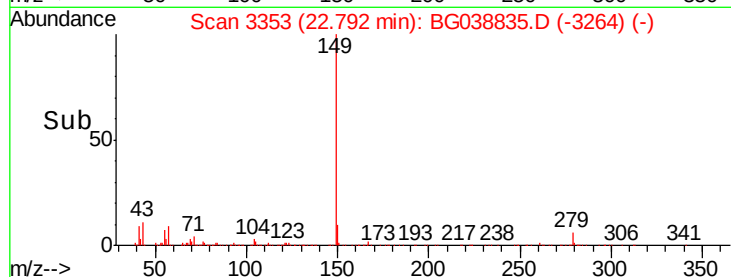
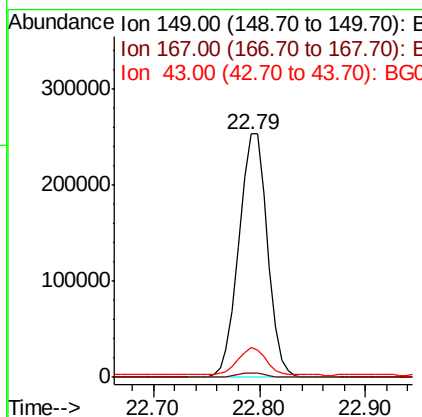
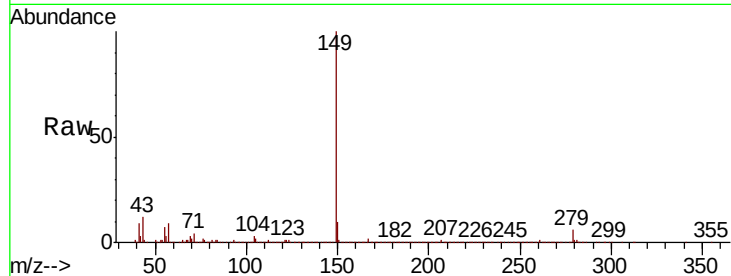
#85
Di-n-octyl phthalate
Concen: 38.801 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	472610		
167	1.8		1.2	1.8
43	11.0		9.3	13.9

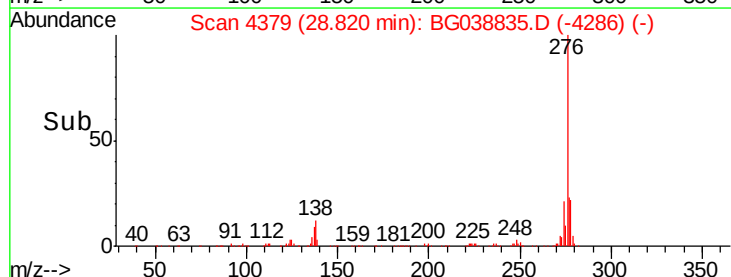
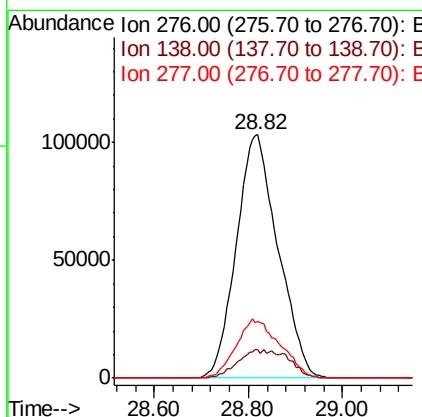
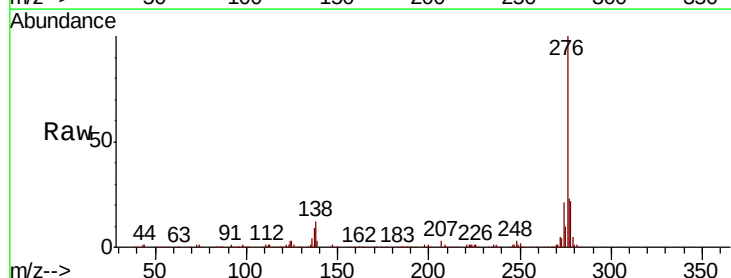
Manual Integrations
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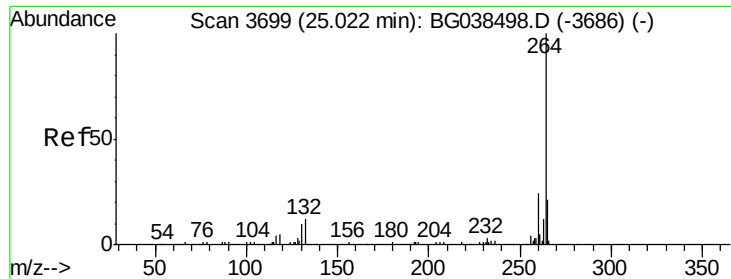
Sohil
12/27/2018 8:23:30 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.337 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	635257		
138	6.6		14.4	21.6#
277	25.4		0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

Instrument :

BNA_G

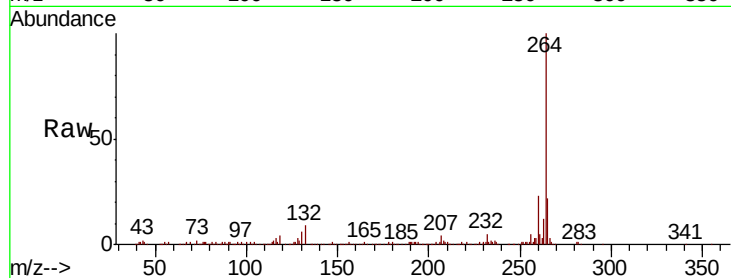
ClientSampleId :

R20-OSMSD

Tot Ion:	264	Resp:	213058
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.9	28.3
265	21.6	17.0	25.4

Manual Integrations
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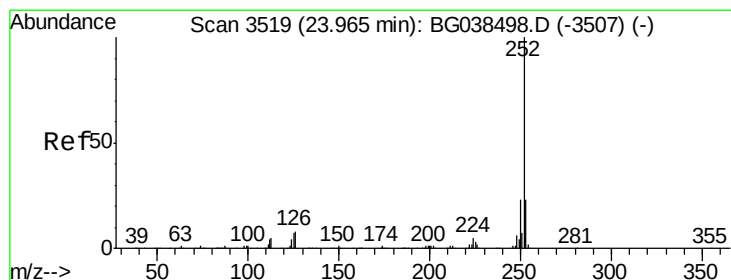
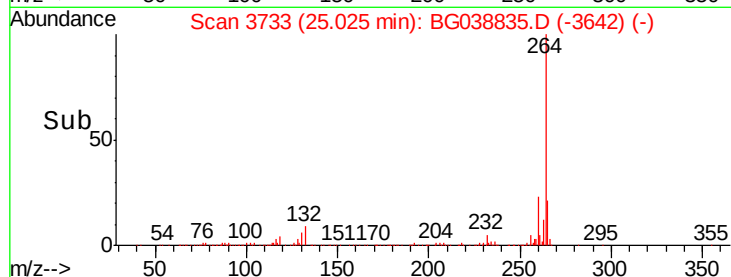
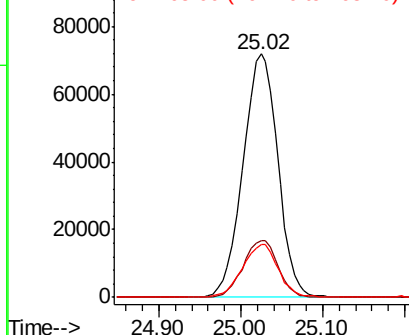


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.217 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG038835.D

Acq: 26 Dec 2018 18:11

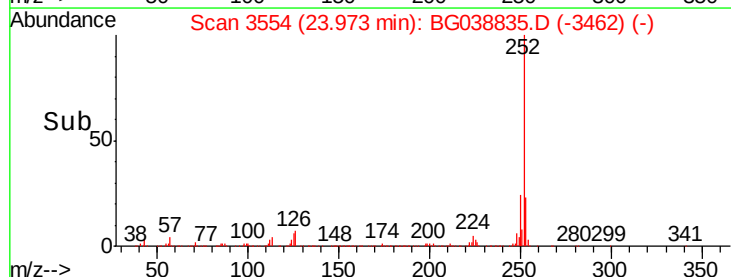
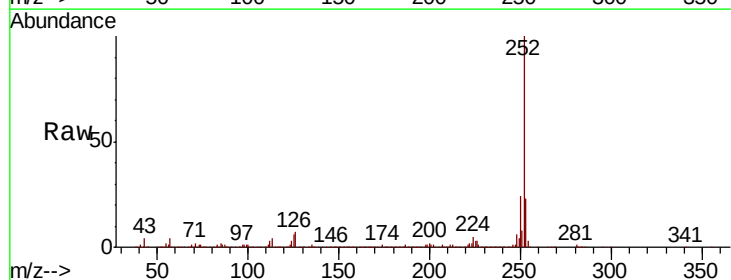
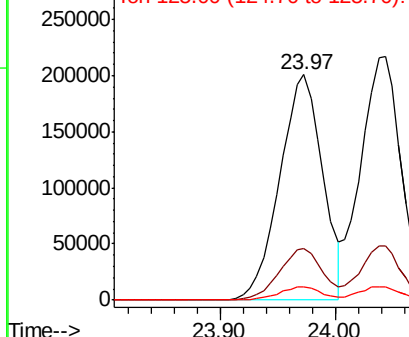
Tgt Ion:	252	Resp:	517243
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	5.9	5.5	8.3

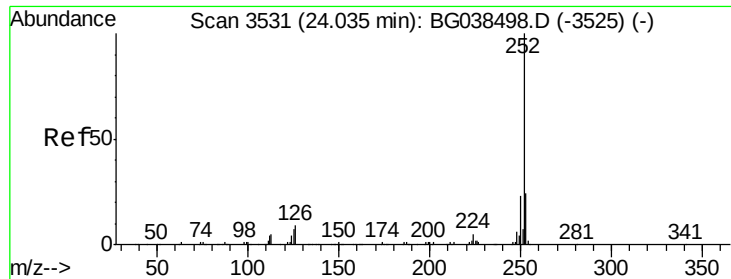
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





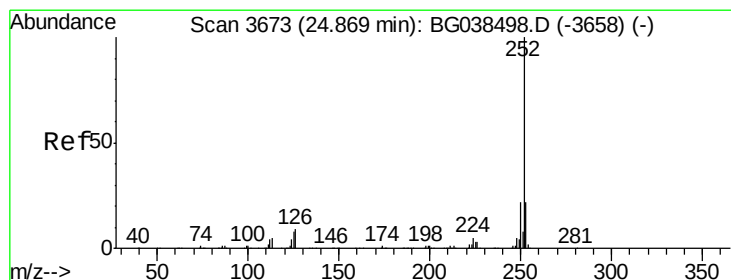
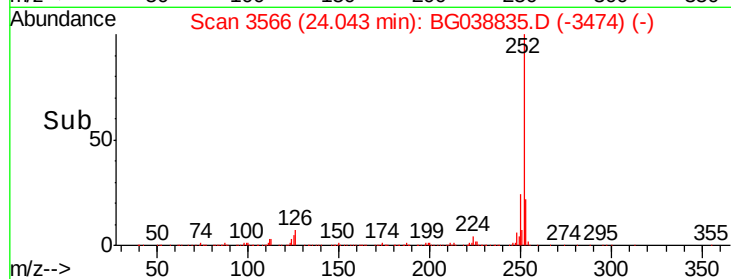
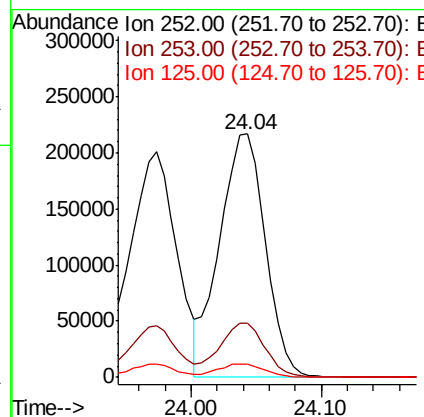
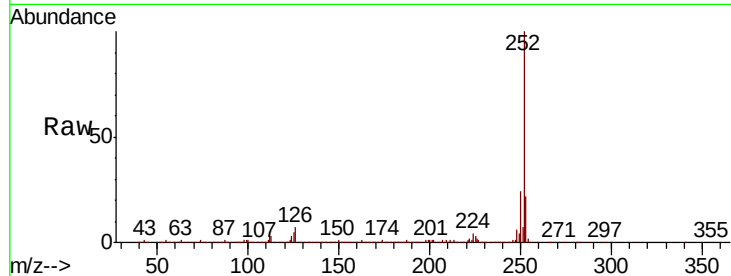
#89
Benzo(k)fluoranthene
Concen: 45.478 ng m
RT: 24.04 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampled :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.4	5.4	8.2

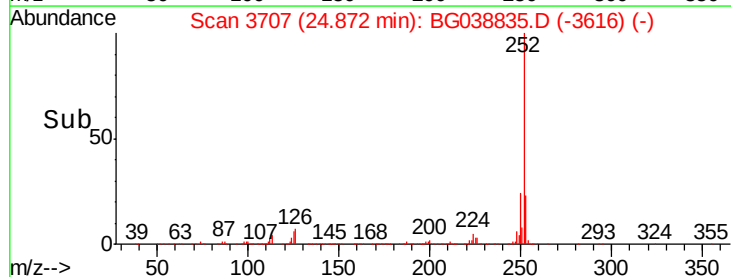
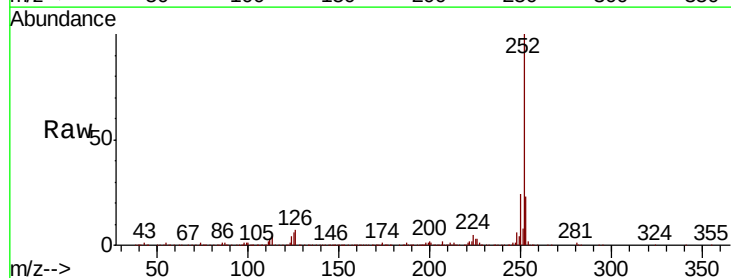
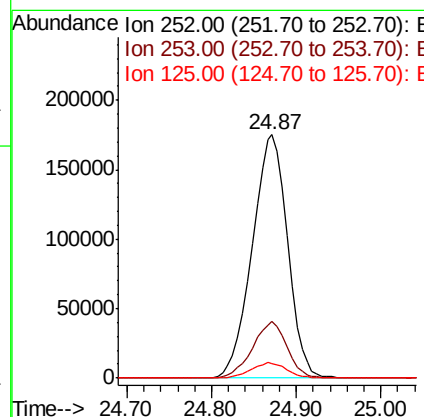
Manual Integrations
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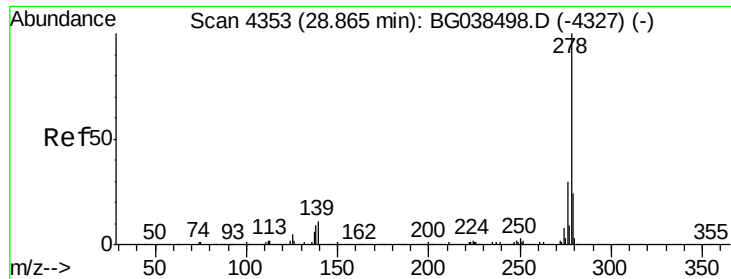
Sohil
12/27/2018 8:23:30 AM



#90
Benzo(a)pyrene
Concen: 44.955 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	6.2	6.4	9.6





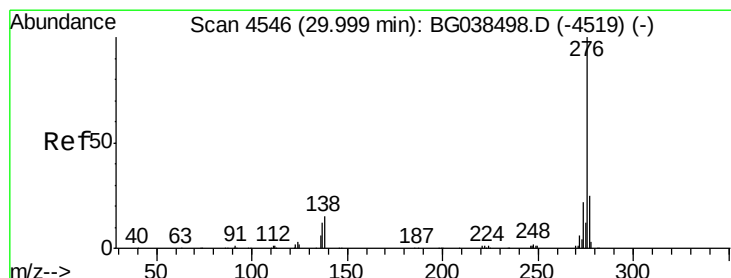
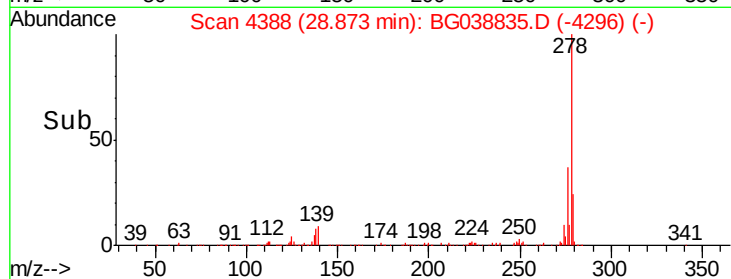
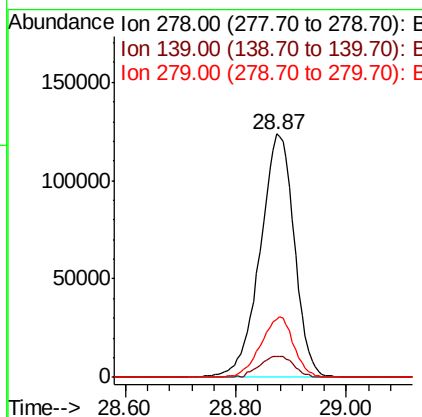
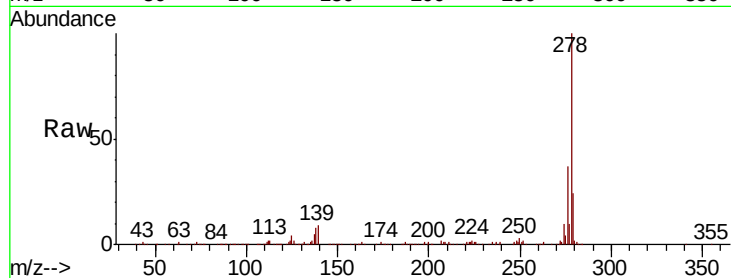
#91
Dibenzo(a,h)anthracene
Concen: 47.480 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Instrument :
BNA_G
ClientSampleId :
R20-OSMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.6	12.8
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/27/2018 8:23:30 AM



#92
Benzo(g,h,i)perylene
Concen: 47.807 ng
RT: 30.01 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BG038835.D
Acq: 26 Dec 2018 18:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	11.2	11.8	17.6#

