

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043680.D
 Acq On : 18 Nov 2019 19:34
 Operator : JU
 Sample : K5833-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:37:11 PM

Quant Time: Nov 19 02:40:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28145	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	108009	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	78410	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	190142	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	204414	20.00	ng	-0.02
87) Perylene-d12	24.81	264	242904	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	141044	91.83	ng	0.00
7) Phenol-d6	7.19	99	201634	91.24	ng	0.00
23) Nitrobenzene-d5	9.16	82	121932	58.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	117429	78.70	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	333863	58.84	ng	-0.02
79) Terphenyl-d14	19.98	244	659829	60.56	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	21493	35.909	ng	98
3) Pyridine	3.85	79	52342	34.667	ng	96
4) n-Nitrosodimethylamine	3.77	42	33687	44.216	ng	96
6) Aniline	7.32	93	25885	10.168	ng	97
8) 2-Chlorophenol	7.57	128	73444	43.317	ng	96
9) Benzaldehyde	7.14	77	33055	30.437	ng	# 88
10) Phenol	7.22	94	93227	46.167	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	56280	36.048	ng	99
12) 1,3-Dichlorobenzene	7.88	146	78440	36.925	ng	99
13) 1,4-Dichlorobenzene	8.03	146	81122	37.744	ng	99
14) 1,2-Dichlorobenzene	8.35	146	76803	36.598	ng	98
15) Benzyl Alcohol	8.25	79	63315	40.796	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83075	36.595	ng	99
17) 2-Methylphenol	8.46	107	61943	42.078	ng	97
18) Hexachloroethane	9.07	117	28037	36.157	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	53097	37.184	ng	92
20) 3+4-Methylphenols	8.79	107	82507	40.873	ng	94
22) Acetophenone	8.82	105	101797	36.803	ng	# 90
24) Nitrobenzene	9.20	77	83767	41.972	ng	99
25) Isophorone	9.71	82	150570	39.310	ng	98
26) 2-Nitrophenol	9.91	139	40780	42.324	ng	92
27) 2,4-Dimethylphenol	9.99	122	50998	36.929	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	82933	39.230	ng	96
29) 2,4-Dichlorophenol	10.47	162	76453	43.208	ng	94
30) 1,2,4-Trichlorobenzene	10.66	180	87326	39.158	ng	98
31) Naphthalene	10.85	128	223833	40.827	ng	99
32) Benzoic acid	10.16	122	33473	34.809	ng	94
33) 4-Chloroaniline	10.99	127	13478	5.997	ng	# 93
34) Hexachlorobutadiene	11.13	225	59360	36.007	ng	94
35) Caprolactam	11.72	113	24579m	40.333	ng	
36) 4-Chloro-3-methylphenol	12.11	107	83827	43.432	ng	99
37) 2-Methylnaphthalene	12.45	142	169087	40.196	ng	99
38) 1-Methylnaphthalene	12.67	142	166087	41.496	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	109771	37.828	ng	98

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 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	12.80	237	100189	65.726	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	71473	41.823	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	76570	44.319	nq	95
46) 1,1'-Biphenyl	13.46	154	233225	39.099	nq	98
47) 2-Chloronaphthalene	13.50	162	179774	39.610	nq	97
48) 2-Nitroaniline	13.71	65	54826	40.418	nq	99
49) Acenaphthylene	14.34	152	296883	42.030	nq	99
50) Dimethylphthalate	14.08	163	283867	46.739	nq	99
51) 2,6-Dinitrotoluene	14.20	165	54208	41.084	nq	94
52) Acenaphthene	14.69	154	172857	40.128	nq	99
53) 3-Nitroaniline	14.54	138	13594	10.671	nq	86
54) 2,4-Dinitrophenol	14.75	184	59284	72.686	nq	96
55) Dibenzofuran	15.03	168	287365	41.137	nq	97
56) 4-Nitrophenol	14.89	139	72741	85.210	nq	90
57) 2,4-Dinitrotoluene	14.99	165	75791	40.194	nq	# 93
58) Fluorene	15.67	166	236610	40.385	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	75199	40.967	nq	# 95
60) Diethylphthalate	15.44	149	239986	39.326	nq	99
61) 4-Chlorophenyl-phenylether	15.66	204	136308	39.880	nq	99
62) 4-Nitroaniline	15.71	138	46289	35.185	nq	96
63) Azobenzene	15.95	77	200448	40.586	nq	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	46089	41.188	nq	97
66) n-Nitrosodiphenylamine	15.88	169	212364	39.560	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	96313	37.639	nq	96
68) Hexachlorobenzene	16.68	284	108894	37.073	nq	99
69) Atrazine	16.83	200	92403	49.537	nq	98
70) Pentachlorophenol	17.04	266	93534	69.885	nq	97
71) Phenanthrene	17.41	178	379972	39.025	nq	98
72) Anthracene	17.51	178	397591	40.813	nq	97
73) Carbazole	17.78	167	348190	39.469	nq	97
74) Di-n-butylphthalate	18.33	149	416012	38.865	nq	98
75) Fluoranthene	19.43	202	506719	39.919	nq	99
77) Benzidine	19.61	184	55725	13.546	nq	97
78) Pyrene	19.79	202	516389	40.812	nq	99
80) Butylbenzylphthalate	20.67	149	193825	40.433	nq	99
81) Benzo(a)anthracene	21.62	228	526788	41.141	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	80388	16.232	nq	97
83) Chrysene	21.68	228	513647	40.374	nq	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	288444	42.359	nq	99
85) Di-n-octyl phthalate	22.71	149	490052	42.418	nq	100
86) Indeno(1,2,3-cd)pyrene	28.44	276	667493	41.798	nq	100
88) Benzo(b)fluoranthene	23.81	252	556919	40.482	nq	99
89) Benzo(k)fluoranthene	23.87	252	574055	41.449	nq	99
90) Benzo(a)pyrene	24.67	252	526178	40.052	nq	100
91) Dibenzo(a,h)anthracene	28.50	278	568259	42.289	nq	99
92) Benzo(g,h,i)perylene	29.58	276	567727	42.832	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

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BNA_G

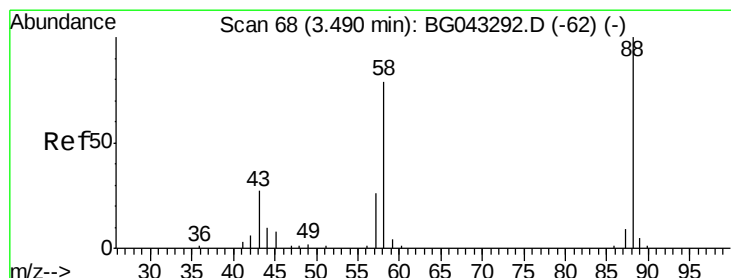
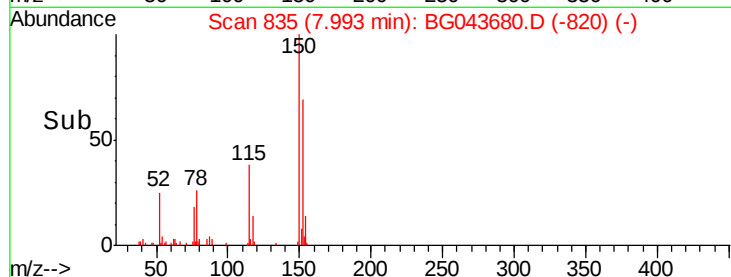
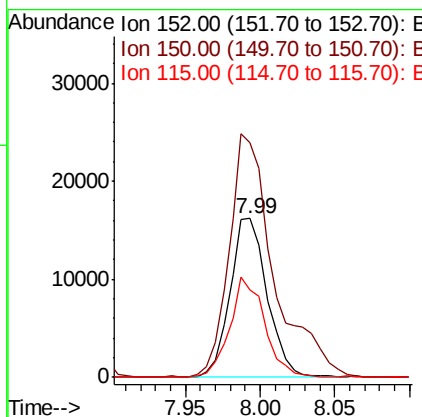
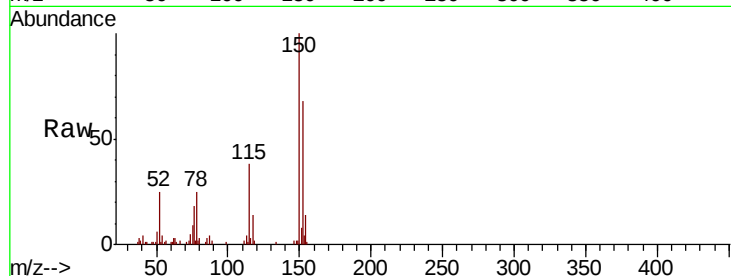
ClientSampleId :

8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	129.4	194.0
115	55.4	48.8	73.2

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#2

1,4-Dioxane

Concen: 35.909 ng

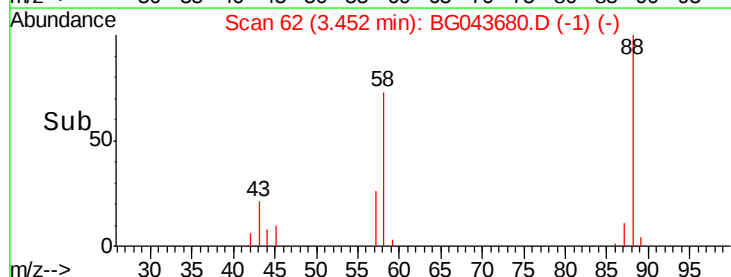
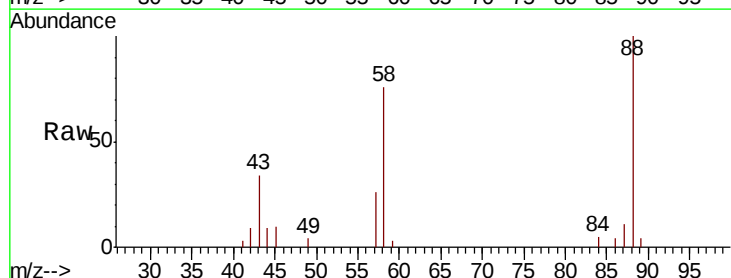
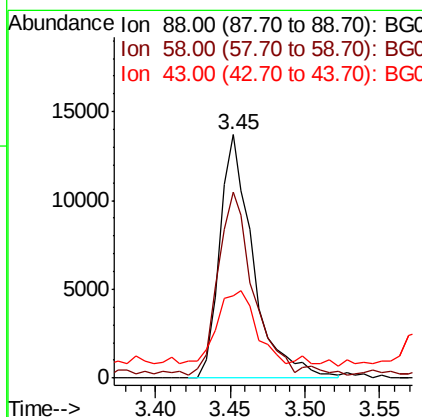
RT: 3.45 min Scan# 62

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	62.7	94.1
43	33.5	23.7	35.5





#3

Pvridine

Concen: 34.667 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

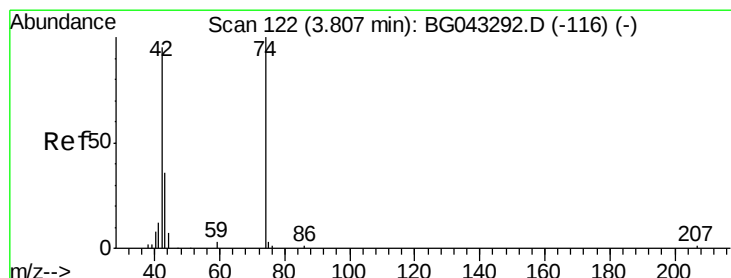
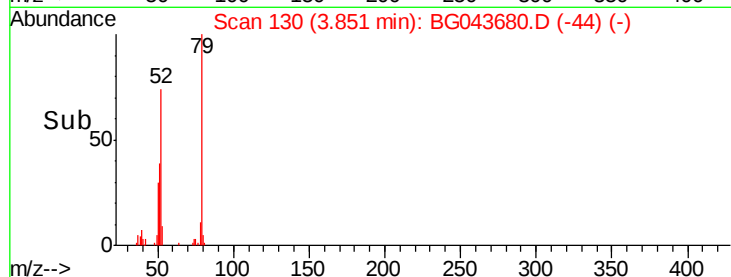
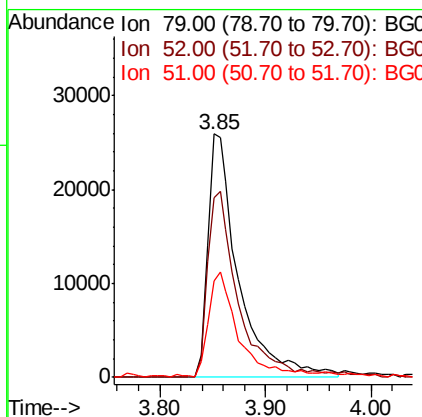
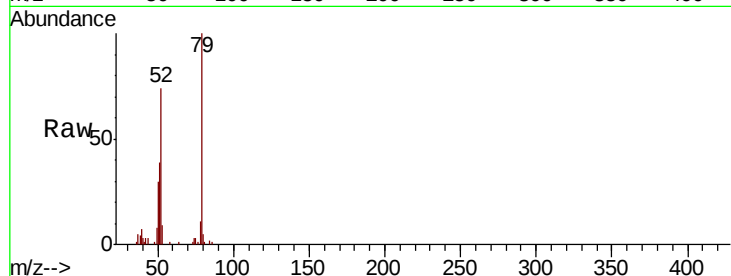
ClientSampleId :

8-(10-12)MSD

Tot Ion:	79	Resp:	52342
Ion Ratio	Lower	Upper	
79	100		
52	73.7	56.5	84.7
51	39.4	33.2	49.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.216 ng

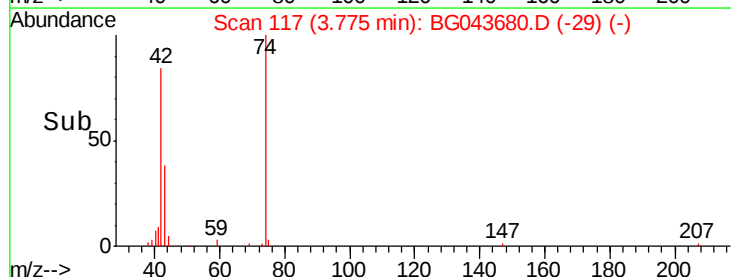
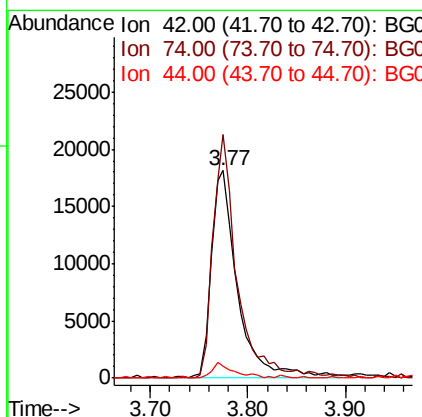
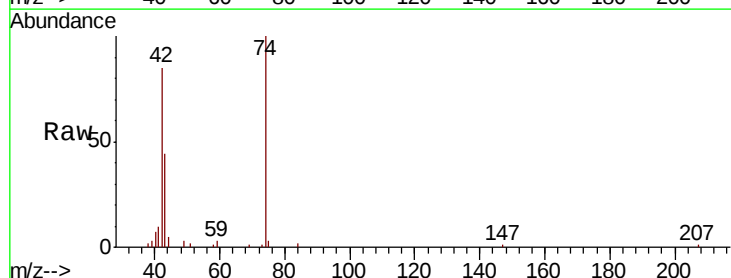
RT: 3.77 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	42	Resp:	33687
Ion Ratio	Lower	Upper	
42	100		
74	117.4	97.3	145.9
44	5.5	4.4	6.6





#5

2-Fluorophenol

Concen: 91.830 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

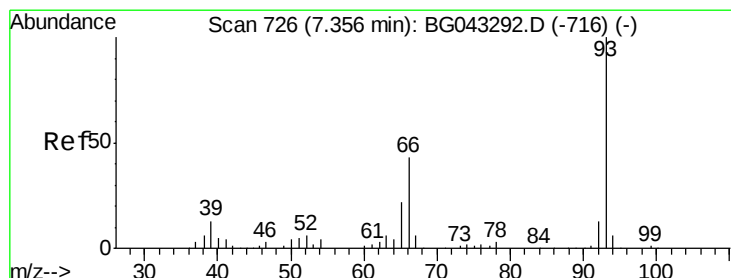
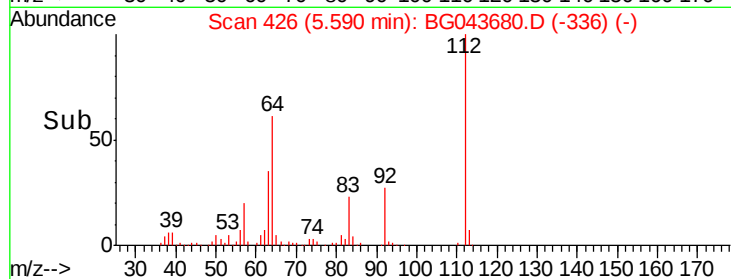
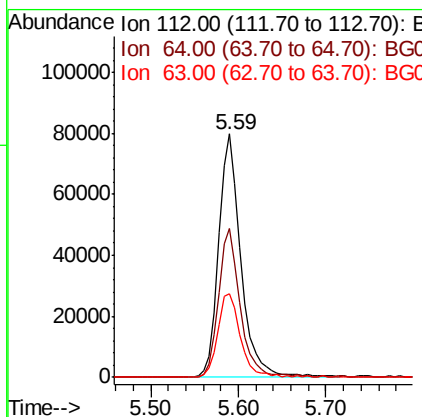
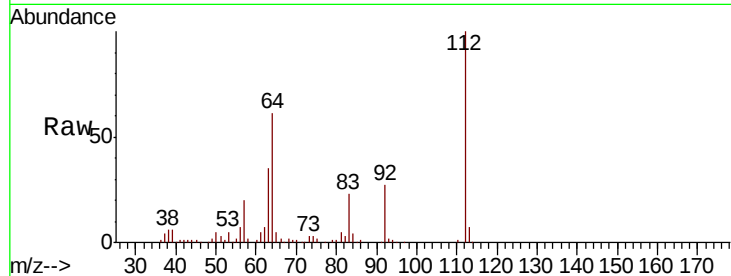
ClientSampleId :

8-(10-12)MSD

Tot Ion:	112	Resp:	141044
Ion Ratio	Lower	Upper	
112	100		
64	61.4	50.0	75.0
63	34.6	26.6	40.0

Manual Integrations
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#6

Aniline

Concen: 10.168 ng

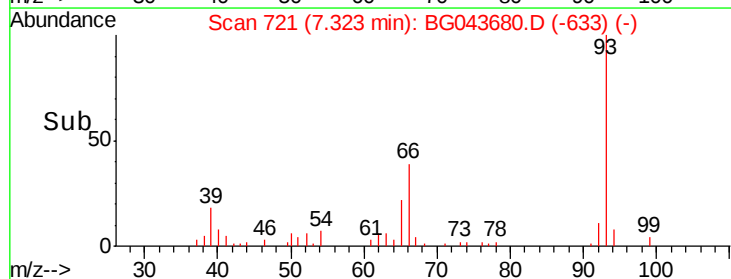
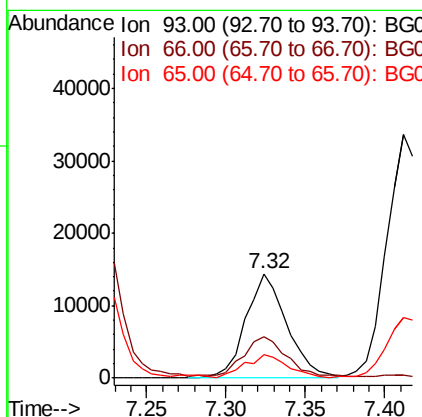
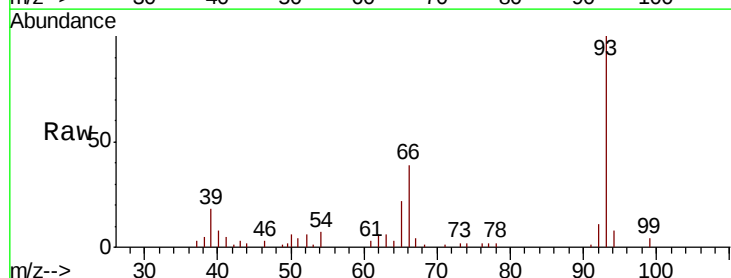
RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	93	Resp:	25885
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.3	48.5
65	22.2	16.1	24.1





#7

Phenol-d6

Concen: 91.244 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

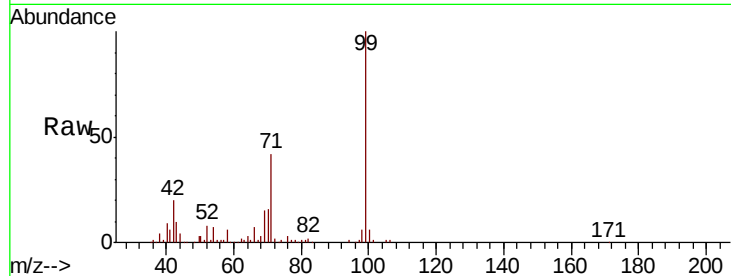
ClientSampleId :

8-(10-12)MSD

Tot Ion	99	Resp	201634
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.6	21.8
71	41.9	32.5	48.7

Manual Integrations
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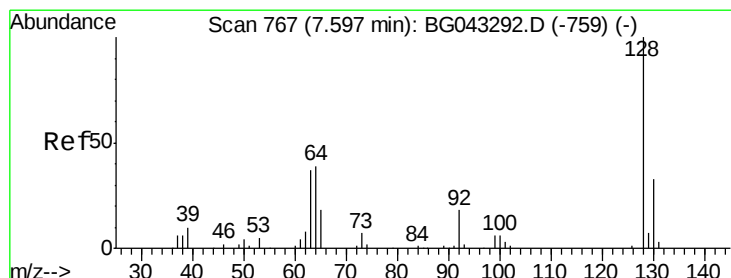
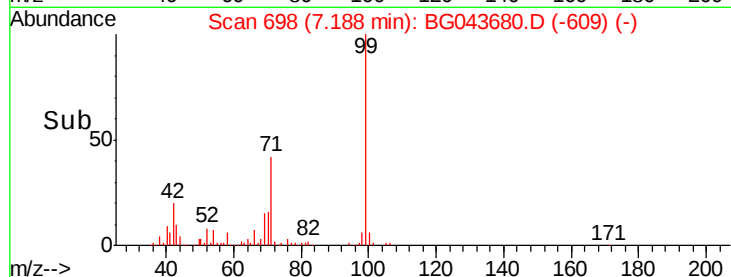
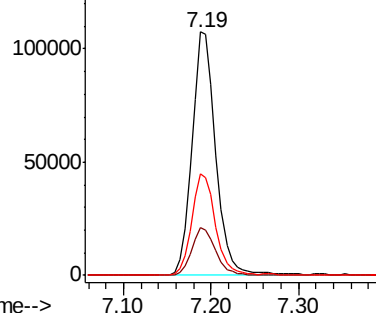


Abundance

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: 43.317 ng

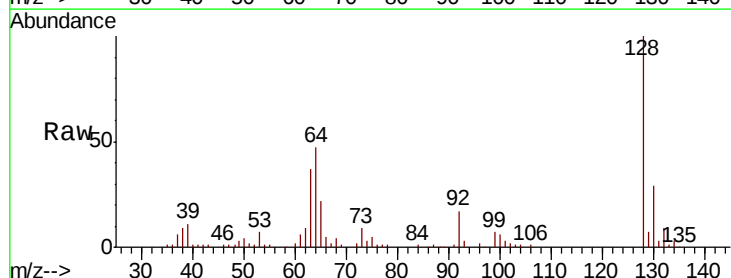
RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion	128	Resp	73444
Ion Ratio	Lower	Upper	
128	100		
130	28.9	12.5	52.5
64	46.9	25.3	65.3

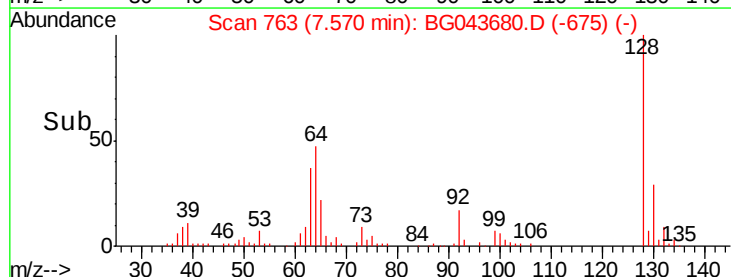
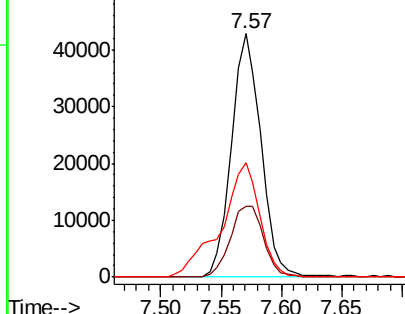


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 30.437 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

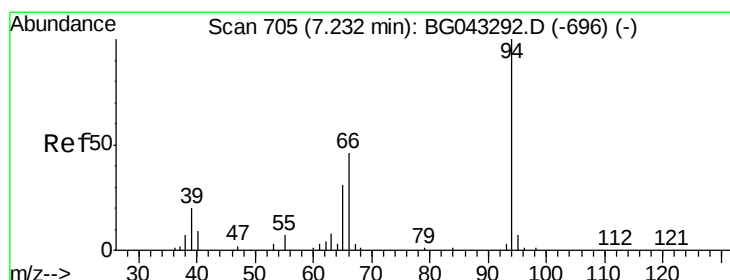
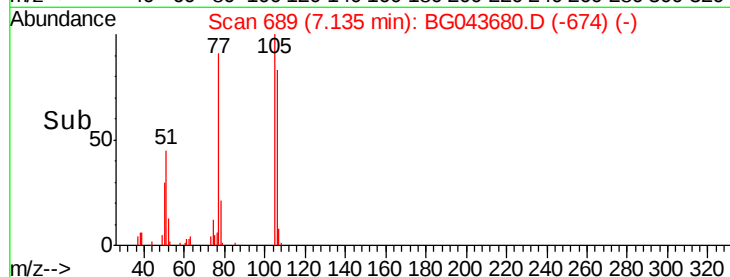
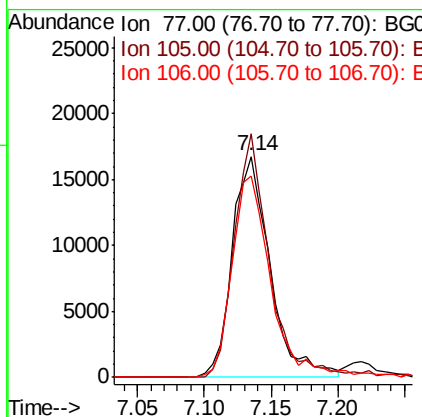
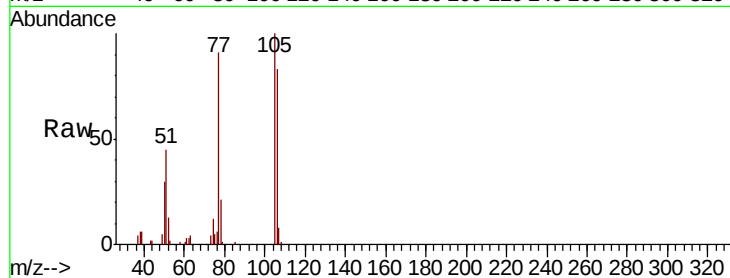
ClientSampleId :

8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	110.4	68.6	108.6#
106	91.4	69.9	109.9

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#10

Phenol

Concen: 46.167 ng

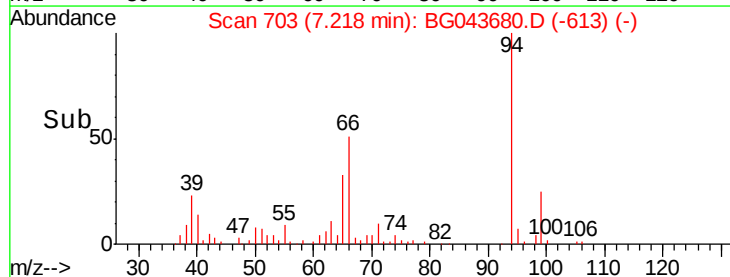
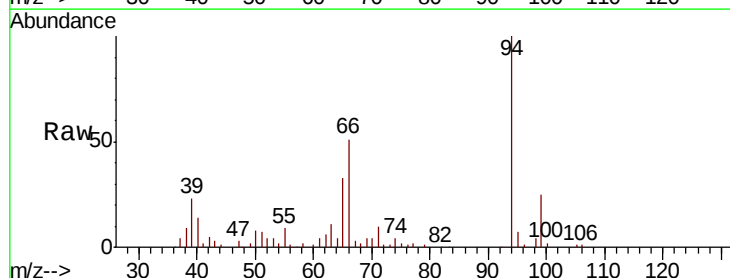
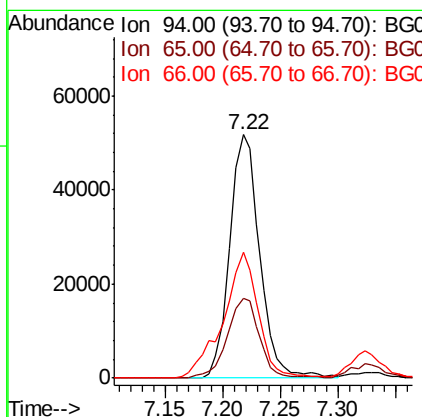
RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	12.6	52.6
66	51.5	30.7	70.7





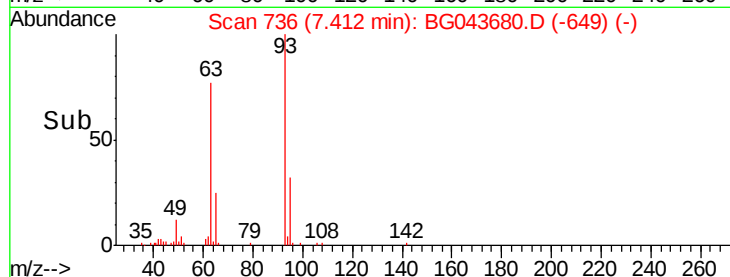
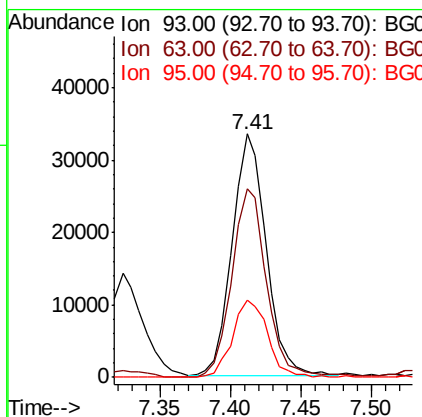
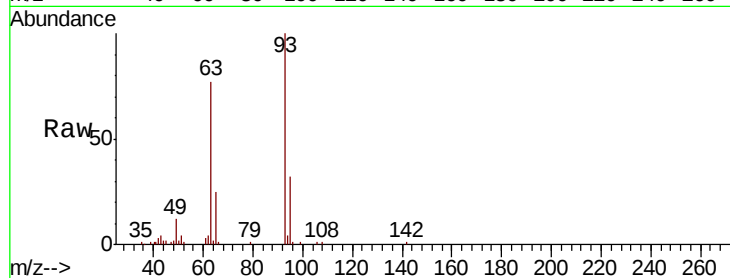
#11
bis(2-Chloroethyl)ether
Concen: 36.048 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	56.3	96.3
95	31.8	12.2	52.2

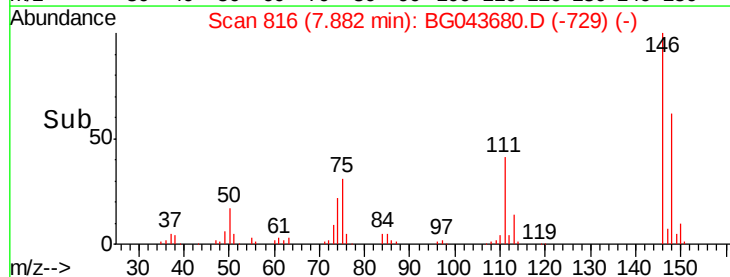
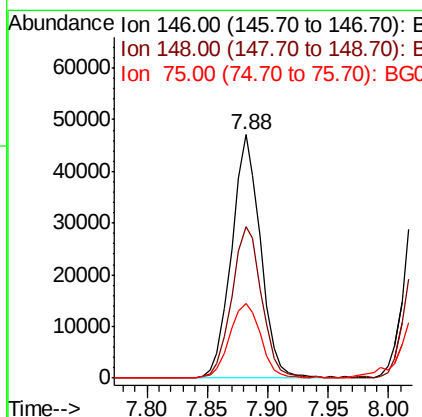
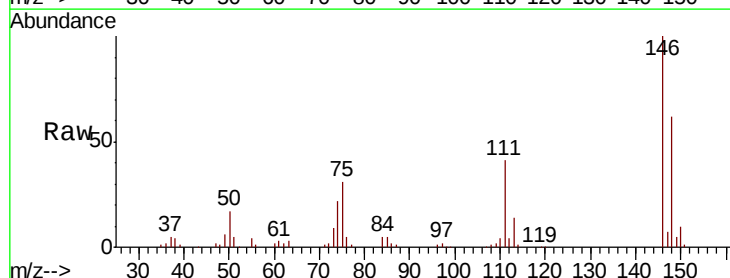
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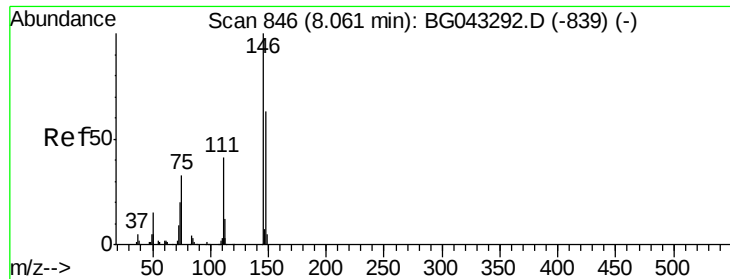
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#12
1,3-Dichlorobenzene
Concen: 36.925 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.3	75.5
75	30.7	24.6	37.0





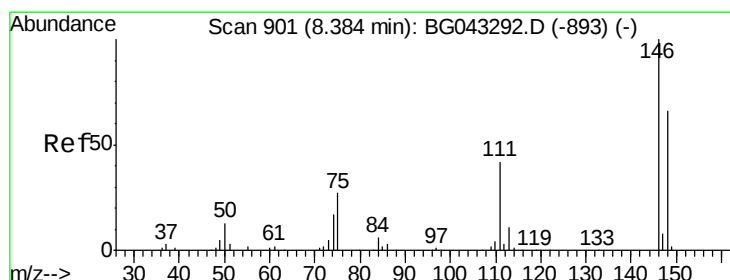
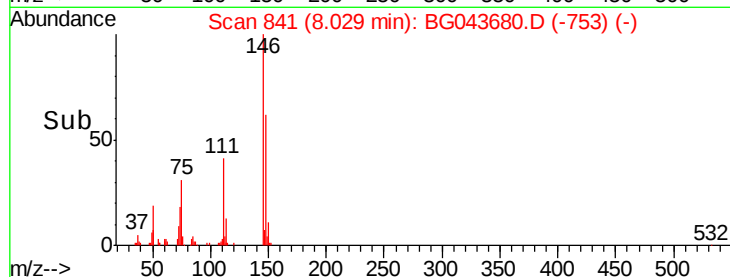
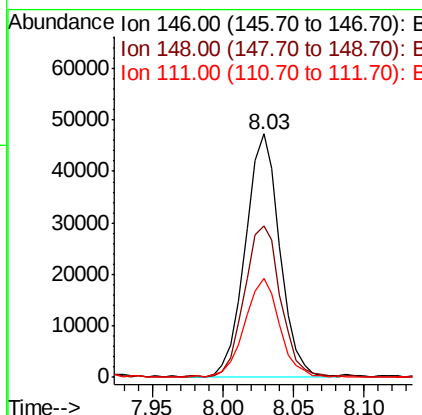
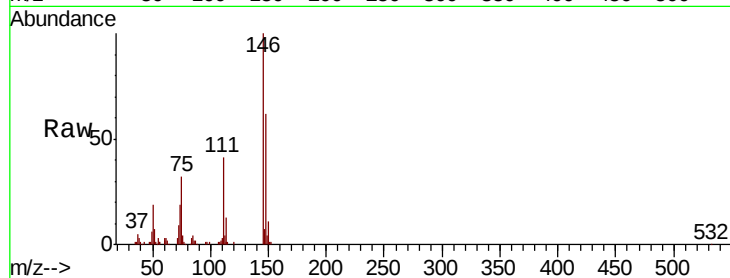
#13
1,4-Dichlorobenzene
Concen: 37.744 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.7	76.1
111	40.7	33.4	50.2

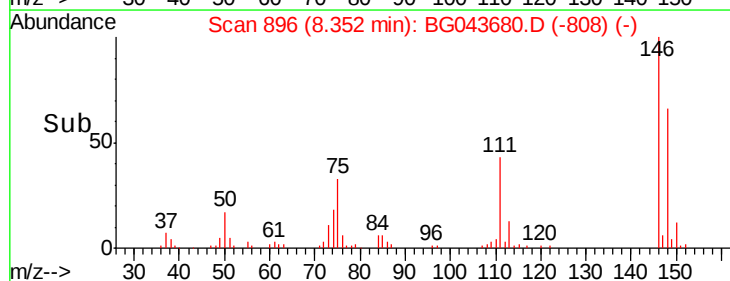
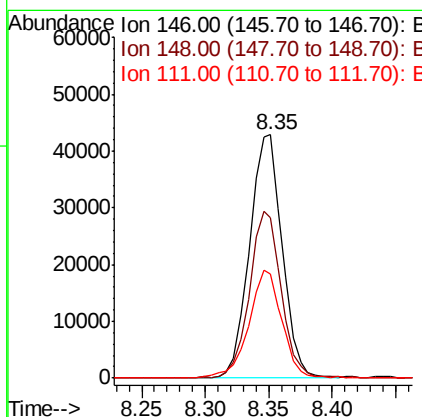
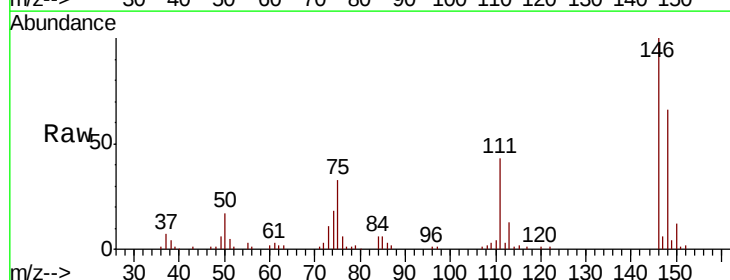
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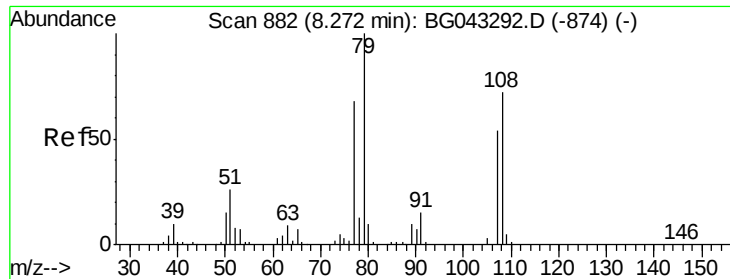
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#14
1,2-Dichlorobenzene
Concen: 36.598 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.2	79.8
111	42.7	35.8	53.6





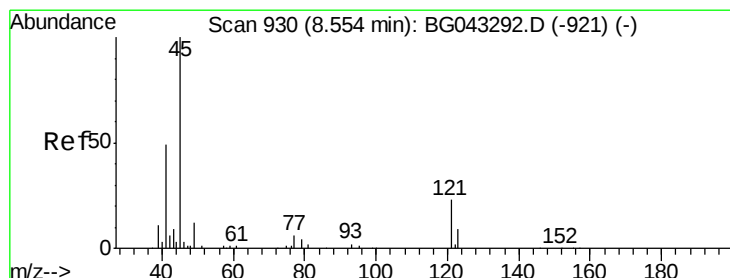
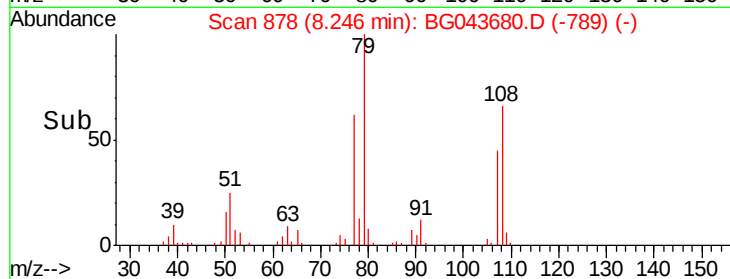
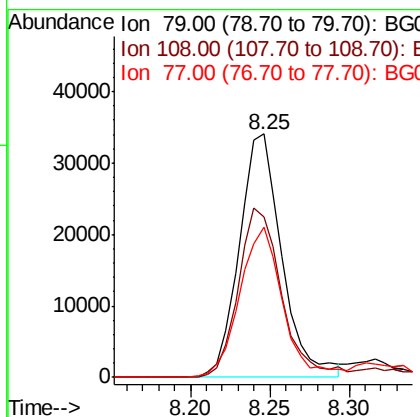
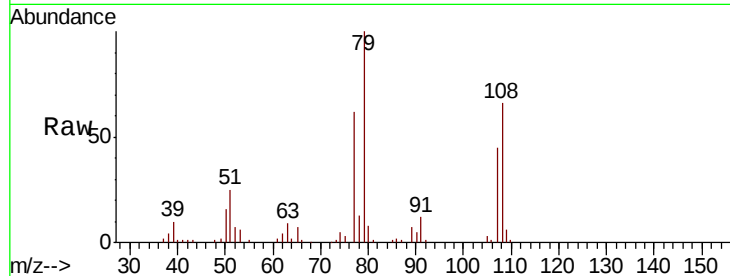
#15
Benzyl Alcohol
Concen: 40.796 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.7	53.6	80.4
77	61.5	49.6	74.4

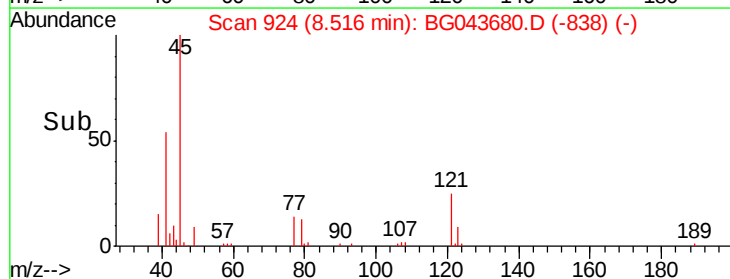
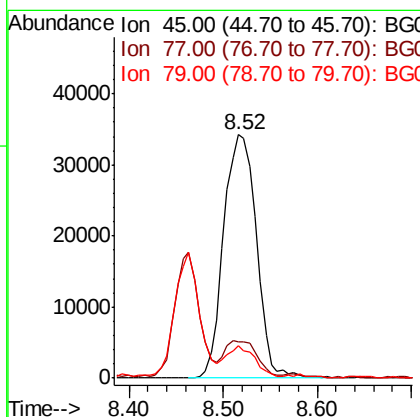
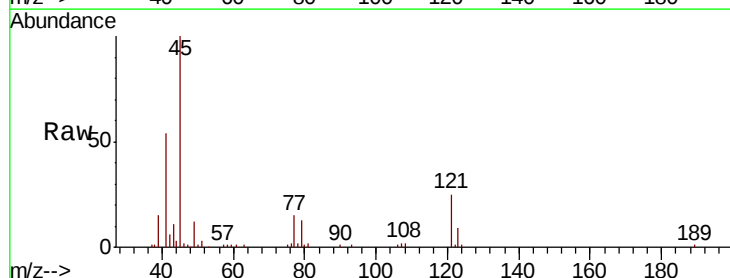
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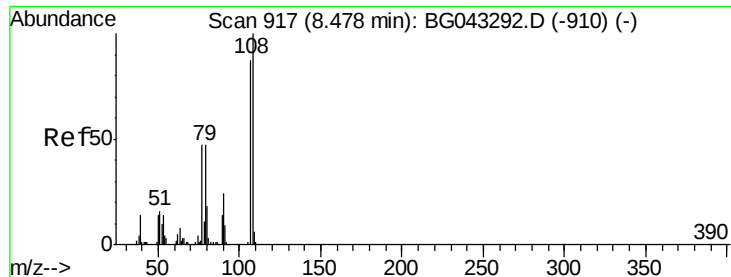
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.595 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.9
79	13.4	0.0	33.0





#17

2-Methylphenol

Concen: 42.078 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

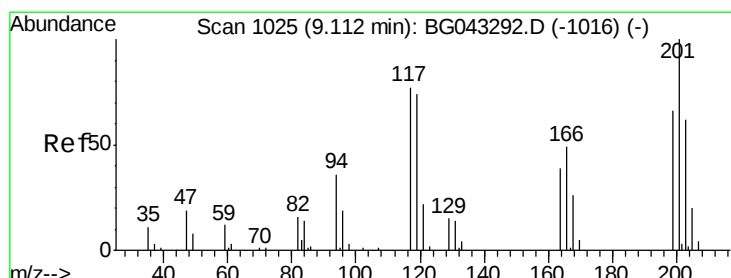
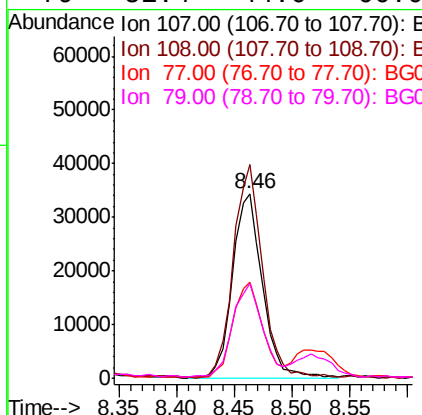
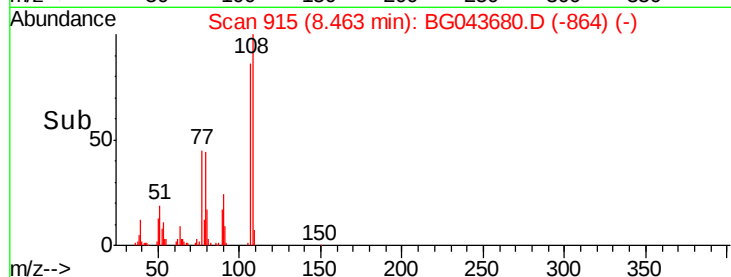
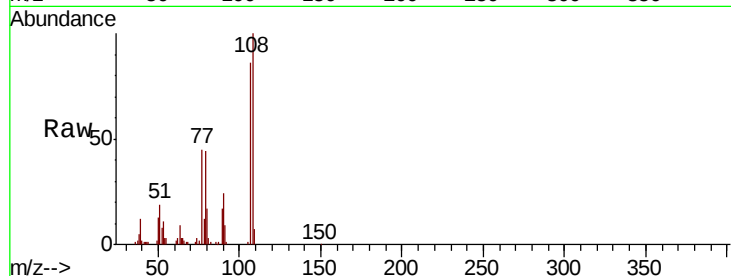
ClientSampleId :

8-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	90.2	135.4	
77	51.8	40.2	60.2	
79	51.4	44.0	66.0	

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#18

Hexachloroethane

Concen: 36.157 ng

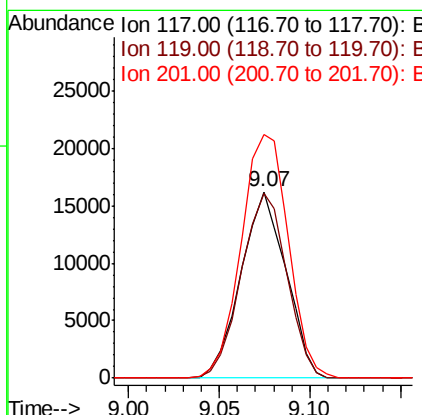
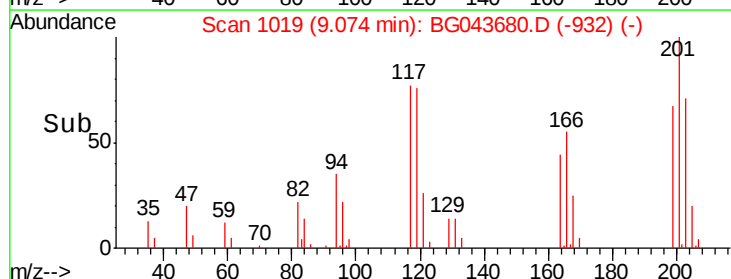
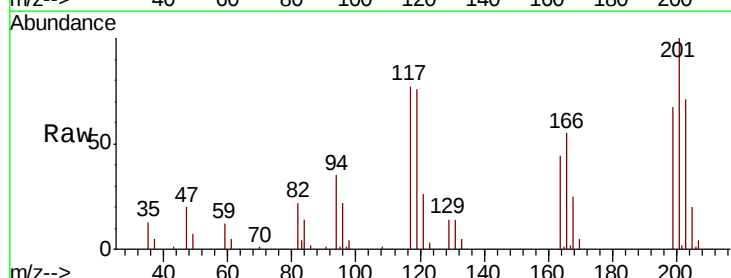
RT: 9.07 min Scan# 1019

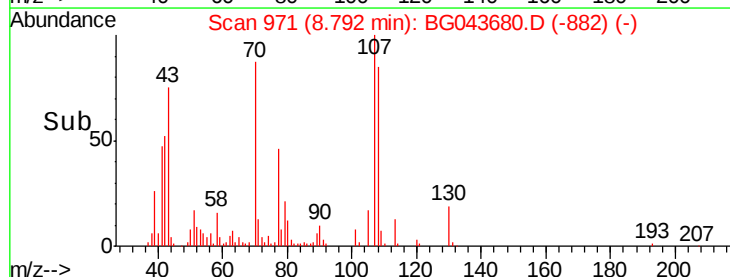
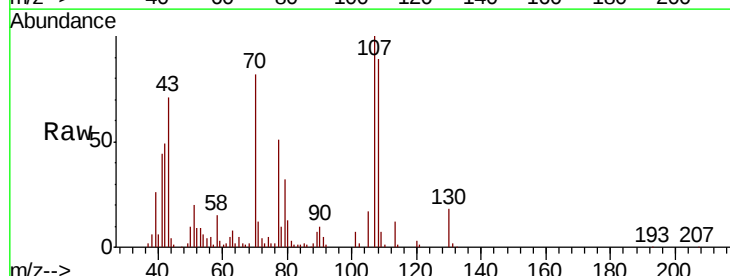
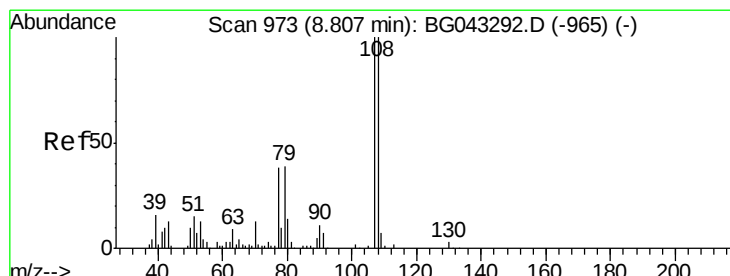
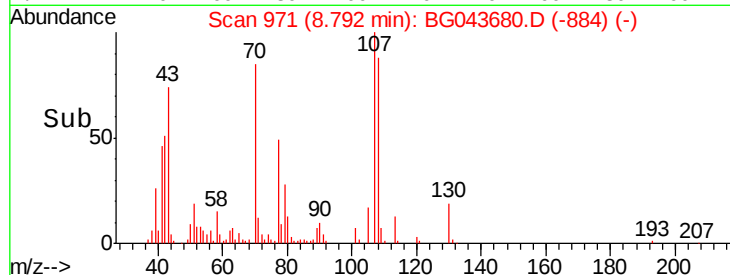
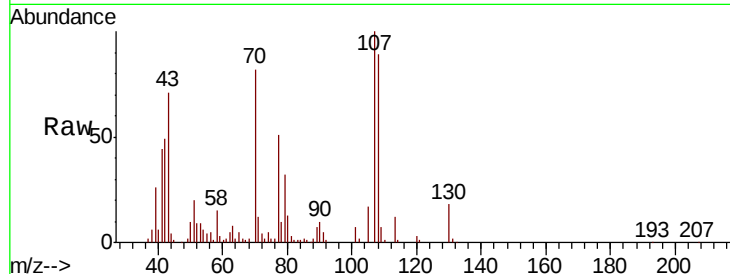
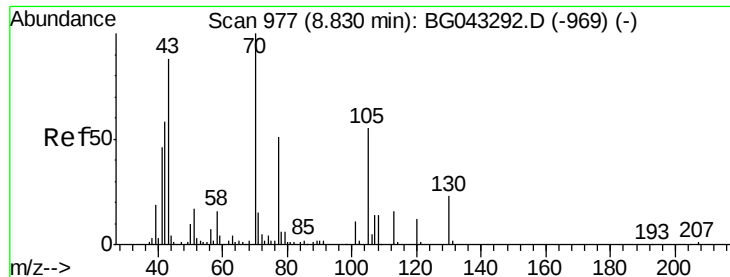
Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

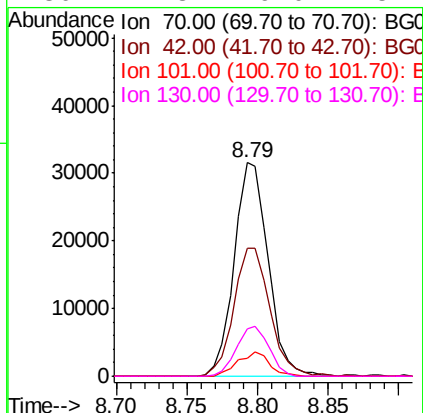
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	79.0	118.4	
201	130.5	105.4	158.2	





#19
n-Nitroso-di-n-propylamine
Concen: 37.184 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.8	41.4	62.2	
101	8.7	7.9	11.9	
130	22.3	19.0	28.4	



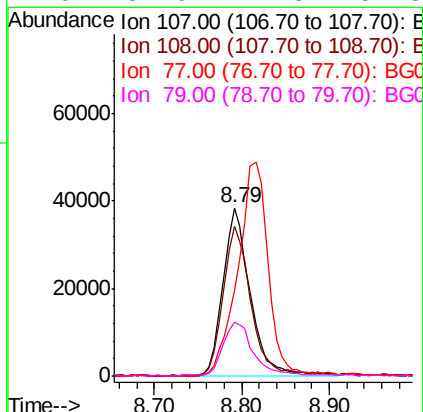
Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

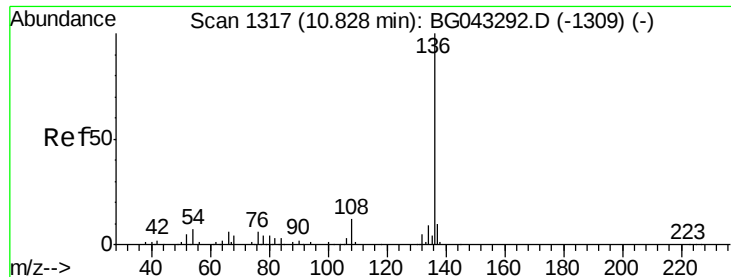
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#20
3+4-Methylphenols
Concen: 40.873 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	66.6	106.6	
77	51.1	20.9	60.9	
79	31.9	11.3	51.3	





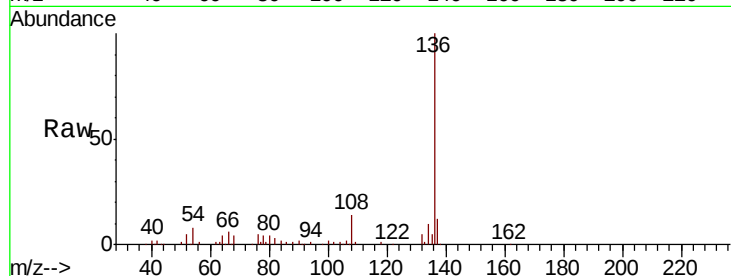
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

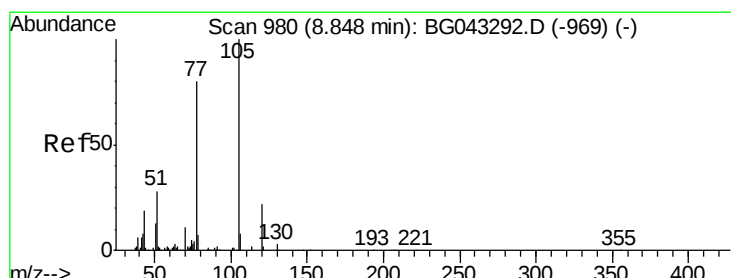
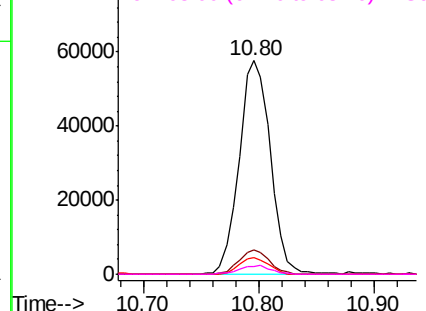
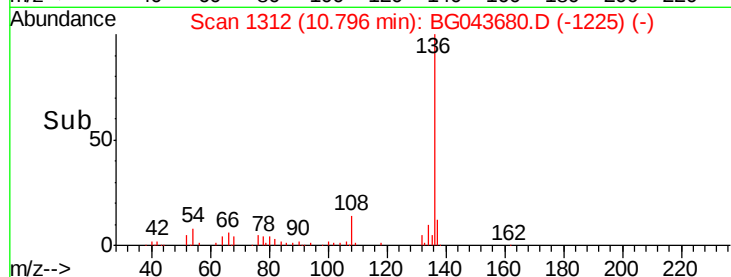
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		108009		
137	11.5	8.7	13.1		
54	7.9	5.4	8.2		
68	3.8	3.0	4.4		

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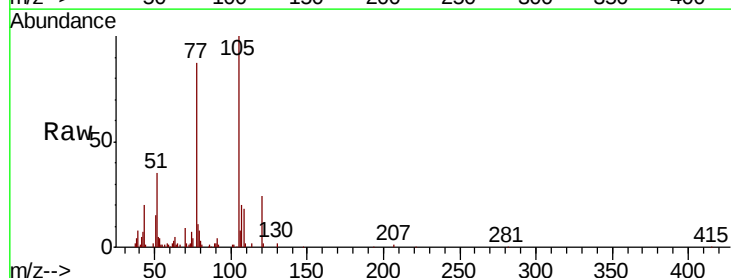


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

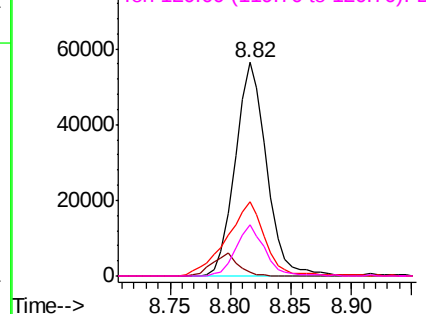
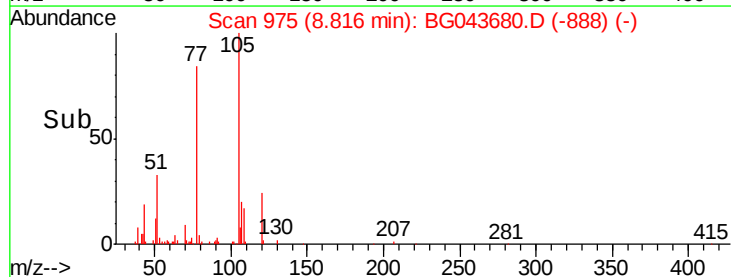


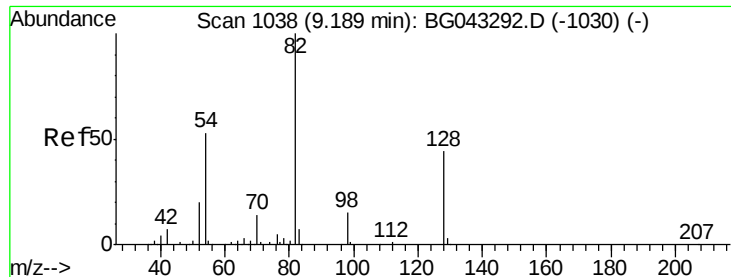
#22
Acetophenone
Concen: 36.803 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		101797		
71	1.8	0.8	1.2#		
51	34.5	21.0	31.4#		
120	24.1	18.0	27.0		



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





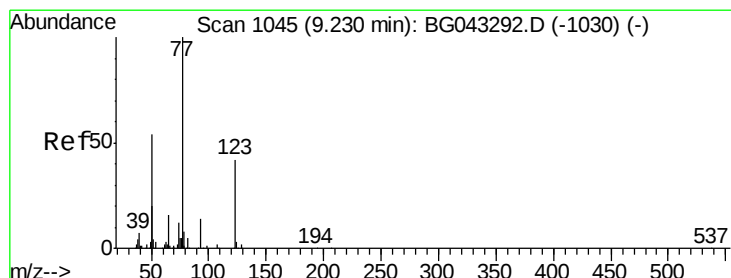
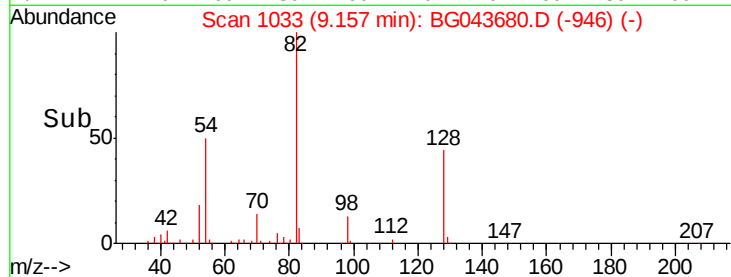
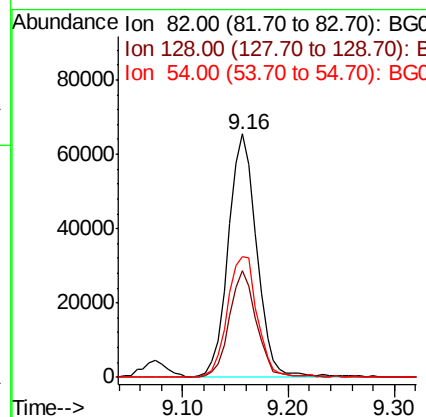
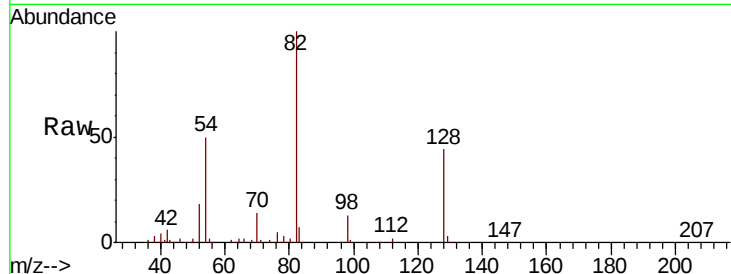
#23
Nitrobenzene-d5
Concen: 58.200 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.6
54	49.7	40.2	60.2

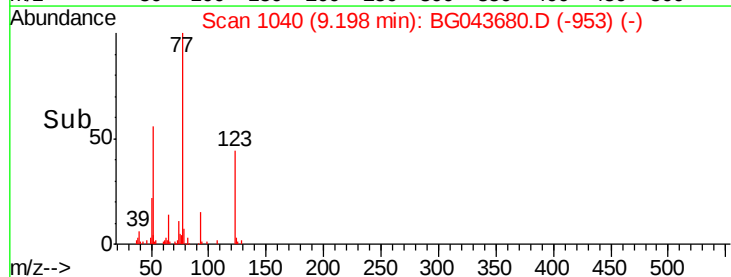
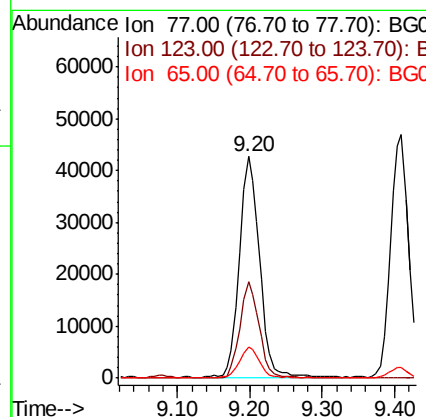
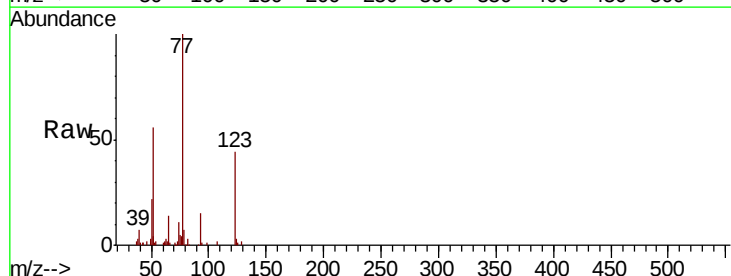
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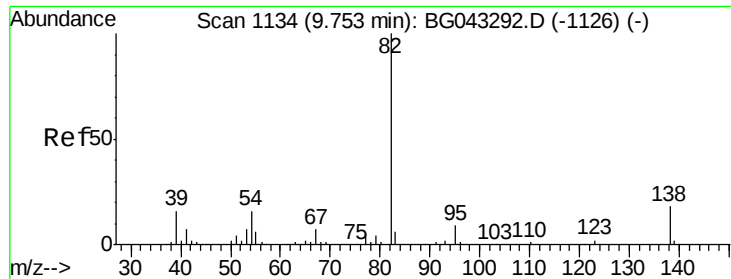
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#24
Nitrobenzene
Concen: 41.972 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.0	52.6
65	14.1	9.5	14.3





#25

Isophorone

Concen: 39.310 ng

RT: 9.71 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

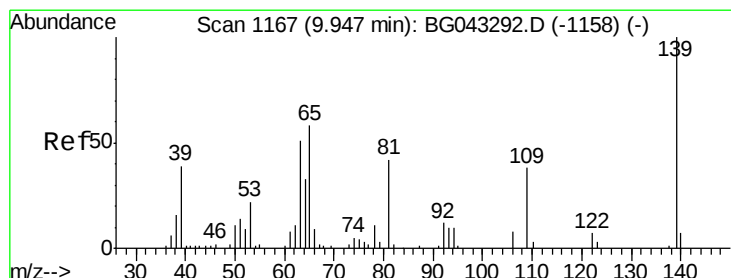
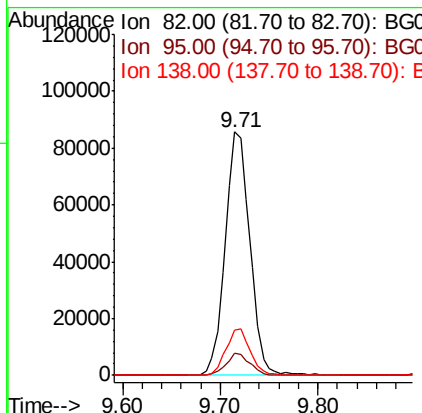
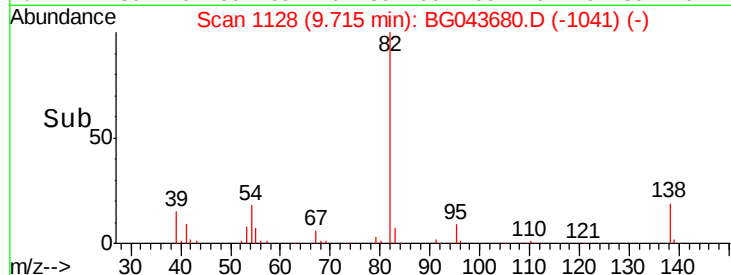
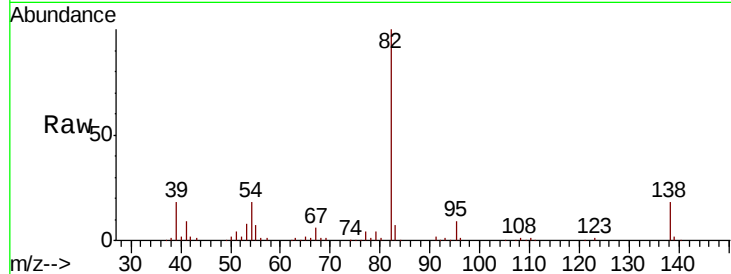
ClientSampleId :

8-(10-12)MSD

Tot Ion:	82	Resp:	150570
Ion Ratio		Lower	Upper
82	100		
95	8.9	6.6	9.8
138	18.4	15.2	22.8

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#26

2-Nitrophenol

Concen: 42.324 ng

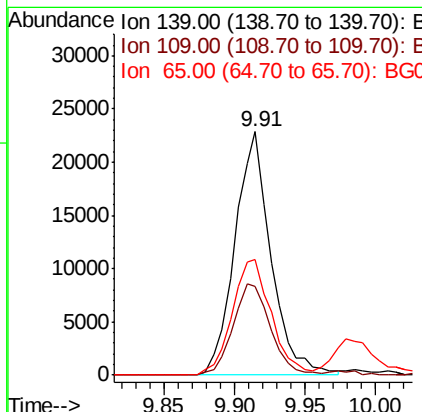
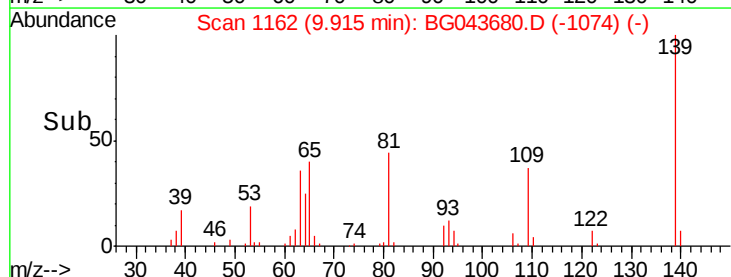
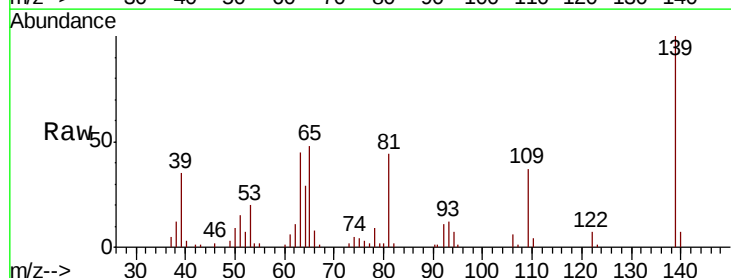
RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	139	Resp:	40780
Ion Ratio		Lower	Upper
139	100		
109	36.6	26.5	39.7
65	47.7	43.8	65.8





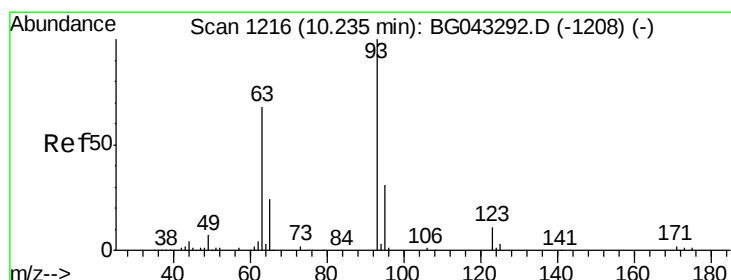
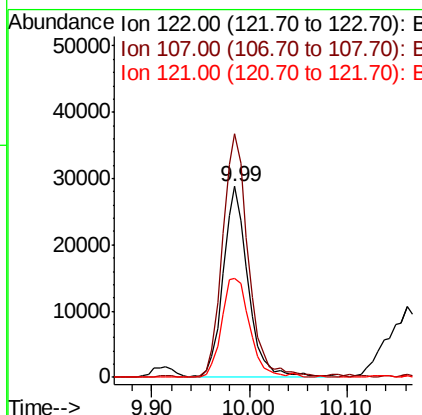
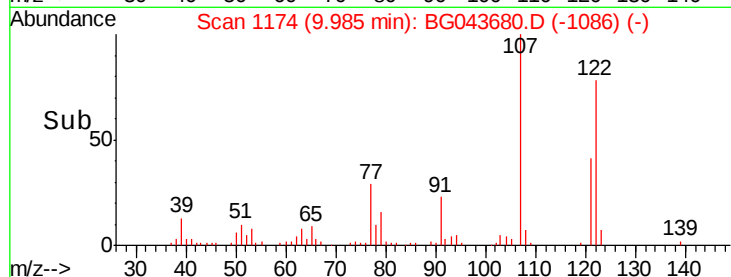
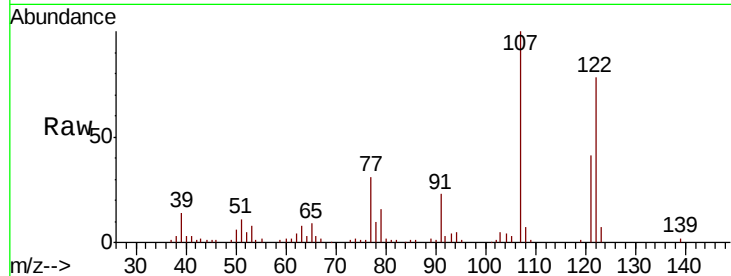
#27
2,4-Dimethylphenol
Concen: 36.929 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.7	104.4	156.6
121	51.9	47.2	70.8

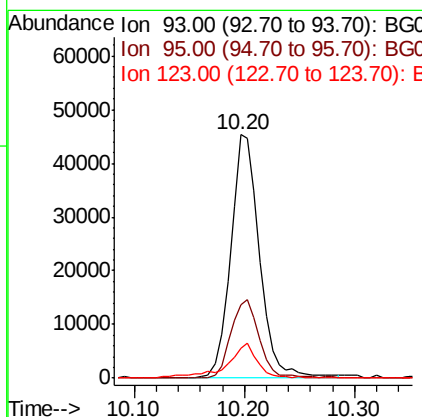
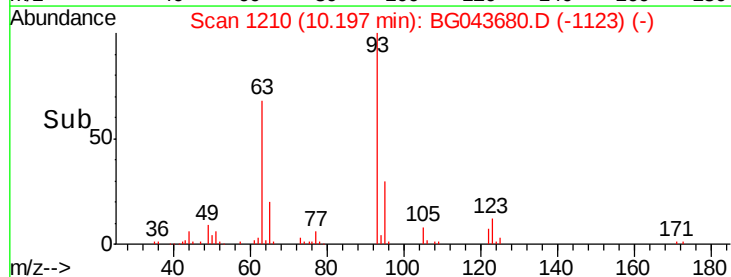
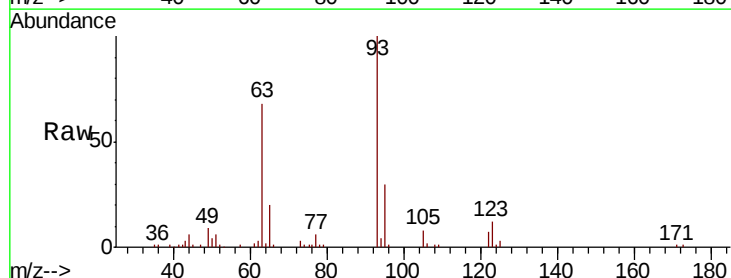
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#28
bis(2-Chloroethoxy)methane
Concen: 39.230 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.0	39.0
123	12.3	10.6	15.8





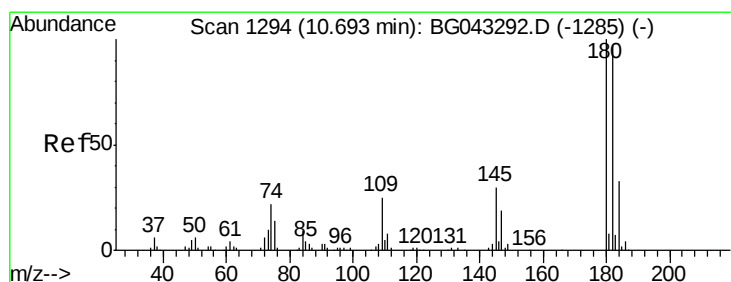
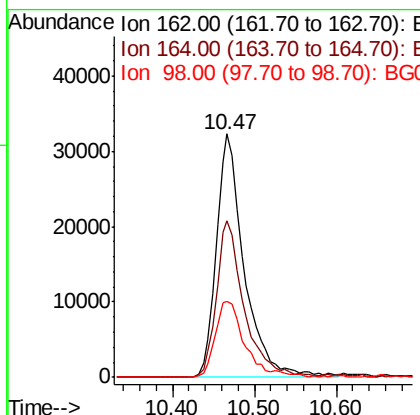
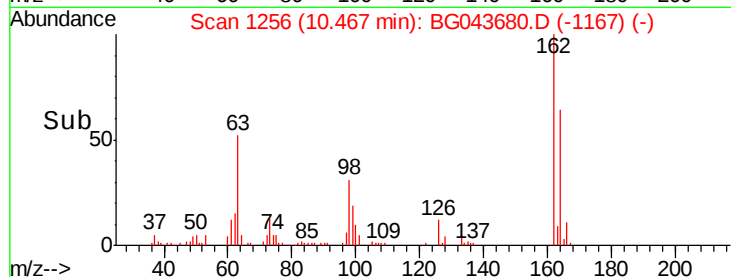
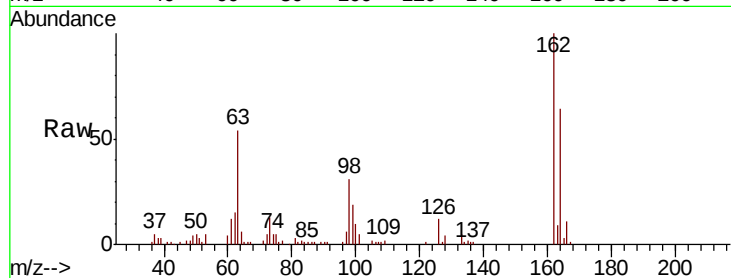
#29
2,4-Dichlorophenol
Concen: 43.208 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.9	88.9
98	30.9	15.1	55.1

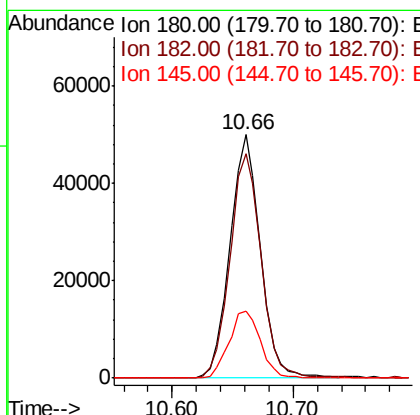
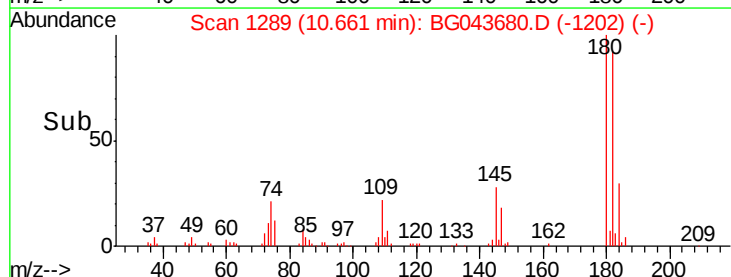
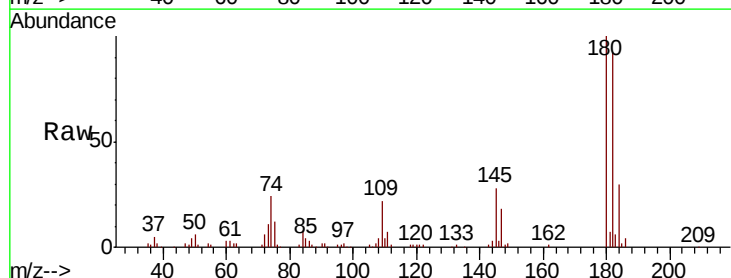
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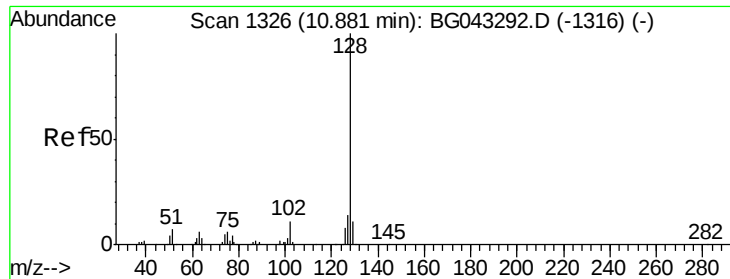
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#30
1,2,4-Trichlorobenzene
Concen: 39.158 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.1	112.7
145	27.7	23.9	35.9





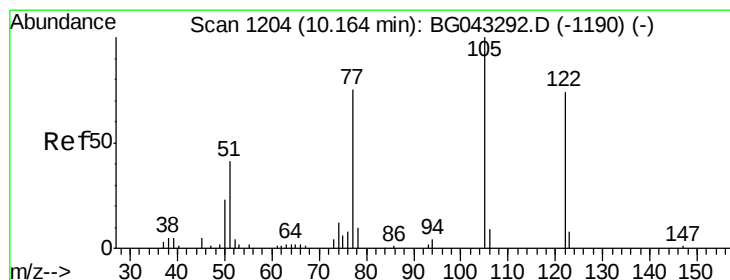
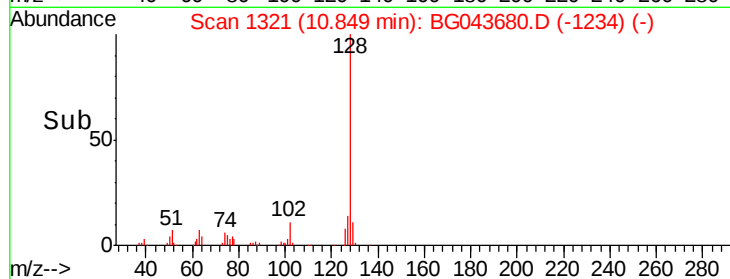
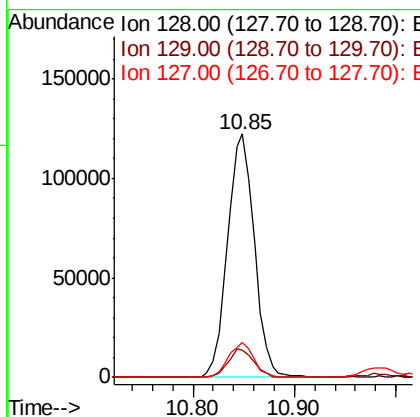
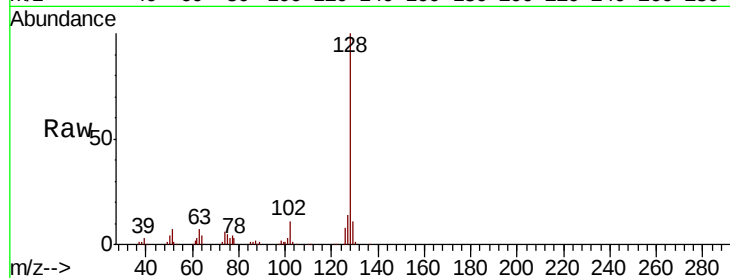
#31
Naphthalene
Concen: 40.827 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	223833		
129	11.0		9.4	14.0
127	14.2		11.1	16.7

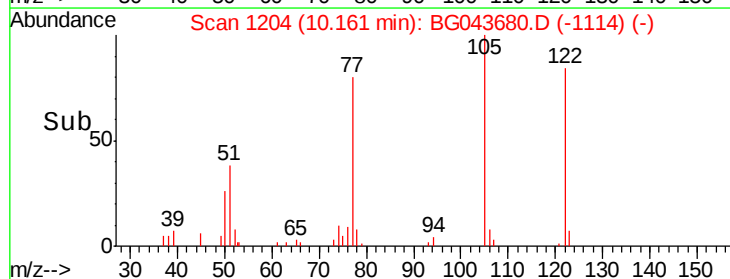
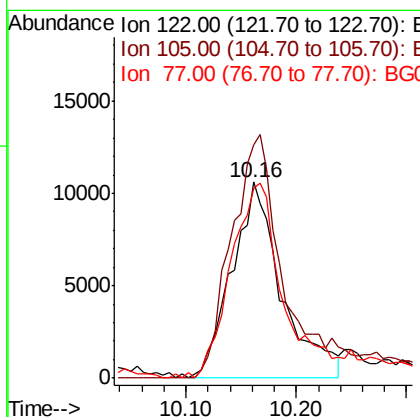
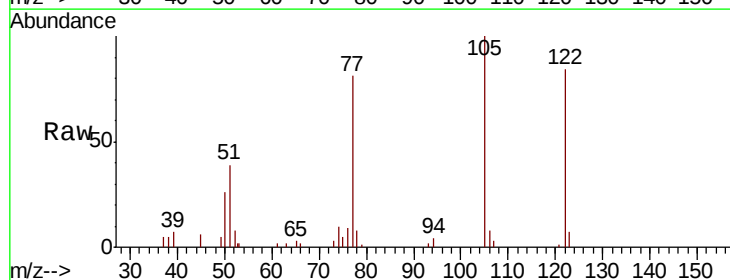
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#32
Benzoic acid
Concen: 34.809 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33473		
105	119.3		103.3	143.3
77	96.8		84.9	124.9





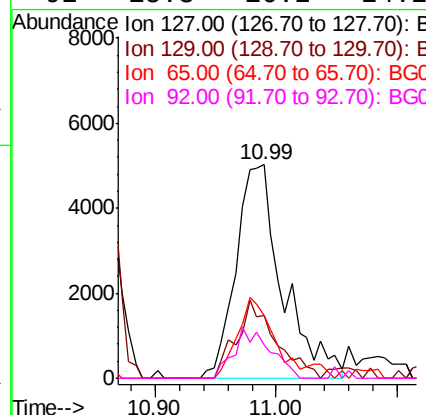
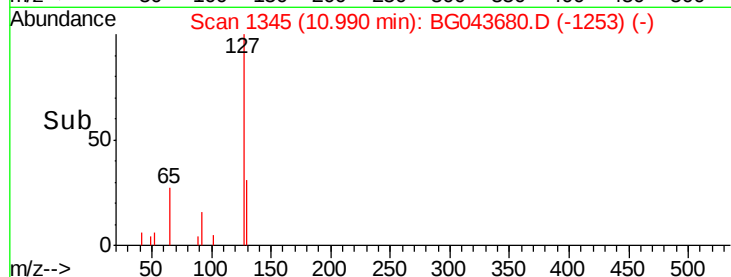
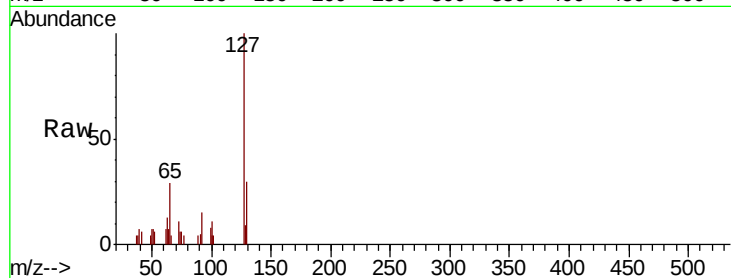
#33
4-Chloroaniline
Concen: 5.997 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	26.5	39.7
65	29.5	26.4	39.6
92	15.3	16.2	24.2

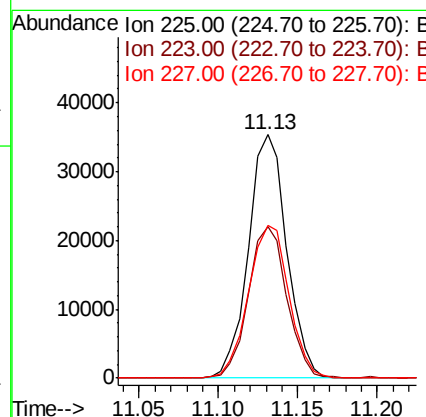
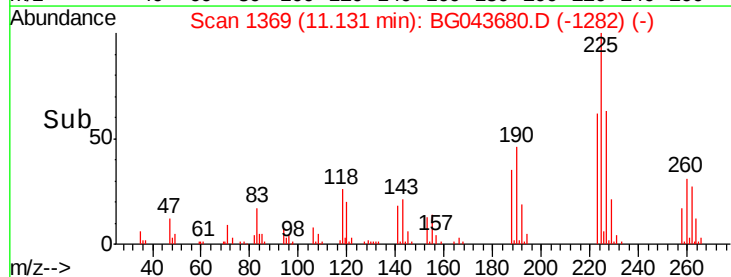
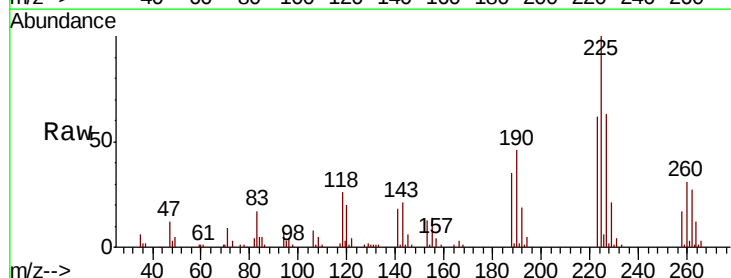
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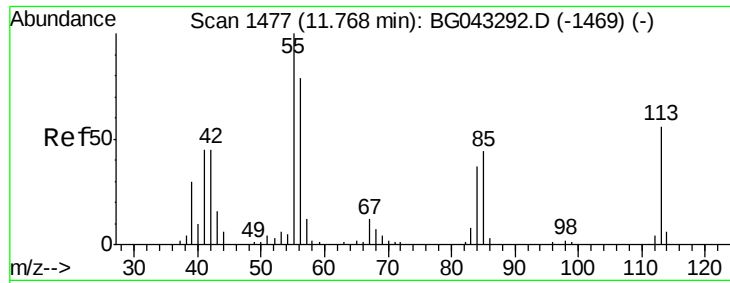
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#34
Hexachlorobutadiene
Concen: 36.007 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.7	79.1
227	62.8	54.8	82.2





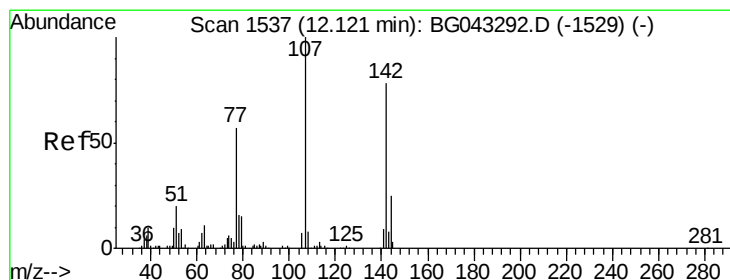
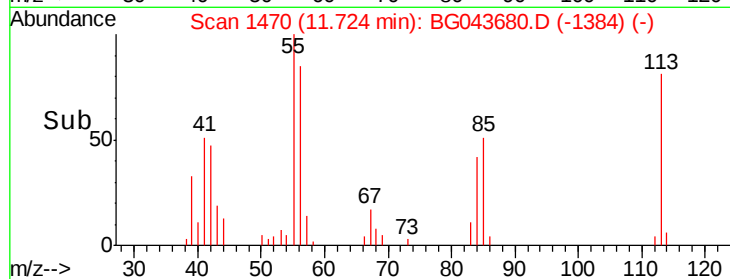
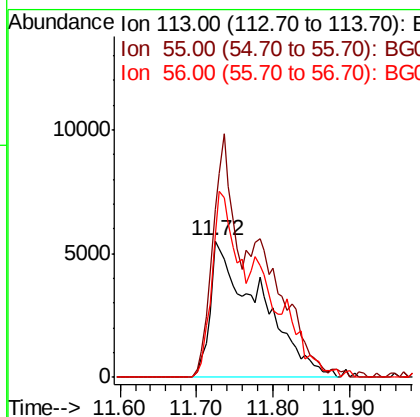
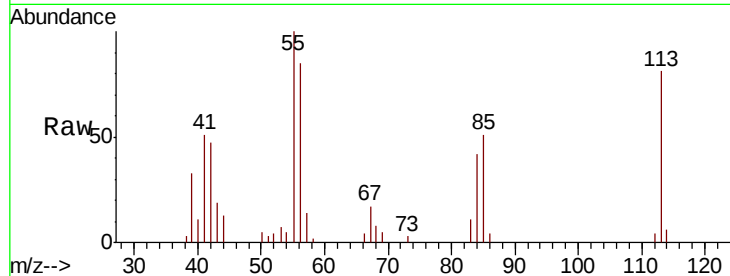
#35
 Caprolactam
 Concen: 40.333 ng/ml
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.03 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.1	134.1	174.1#
56	104.1	100.4	140.4

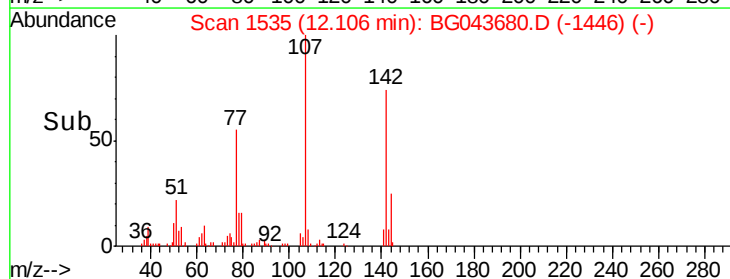
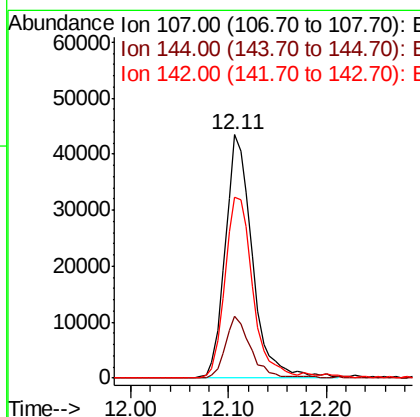
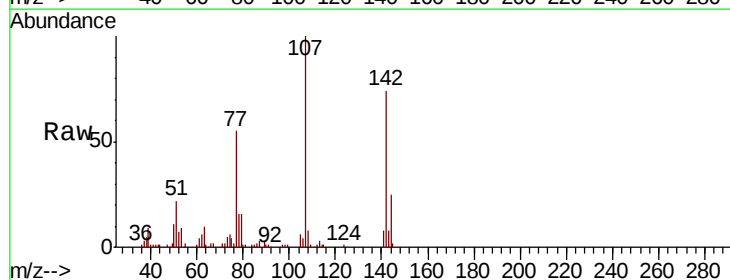
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#36
 4-Chloro-3-methylphenol
 Concen: 43.432 ng/ml
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.9	31.3
142	74.1	59.6	89.4





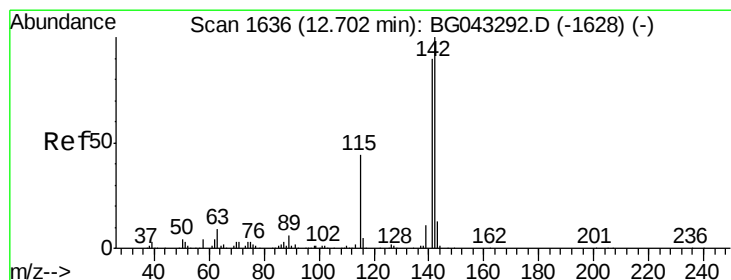
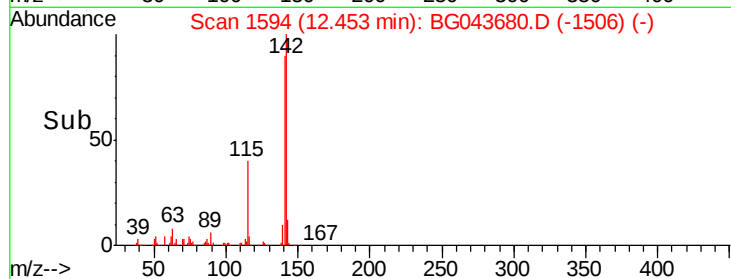
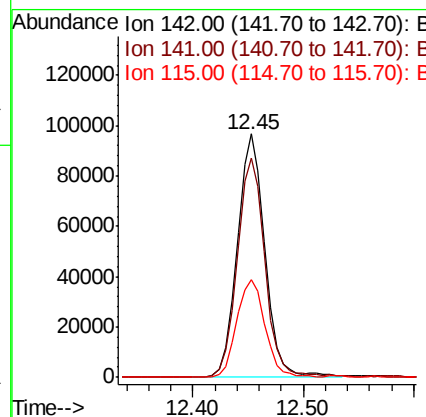
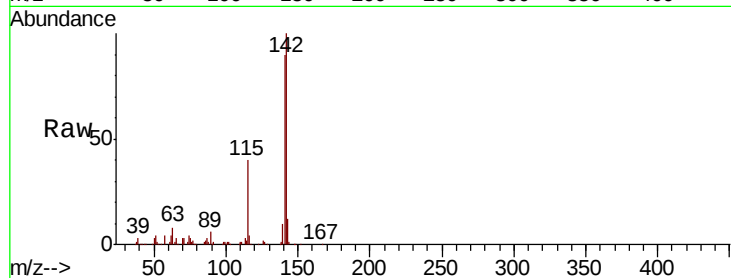
#37
2-Methylnaphthalene
Concen: 40.196 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.2
115	40.0	33.2	49.8

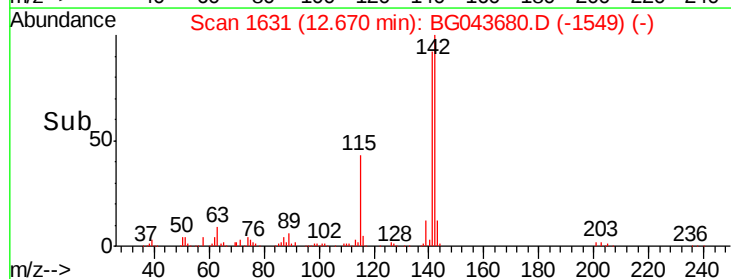
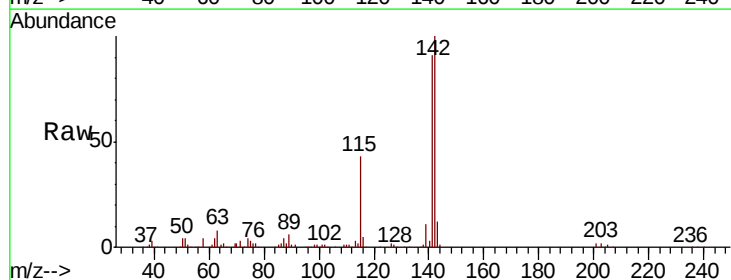
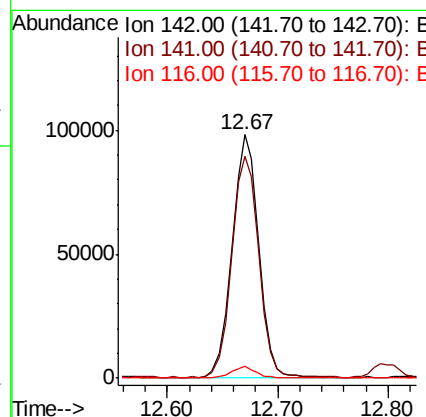
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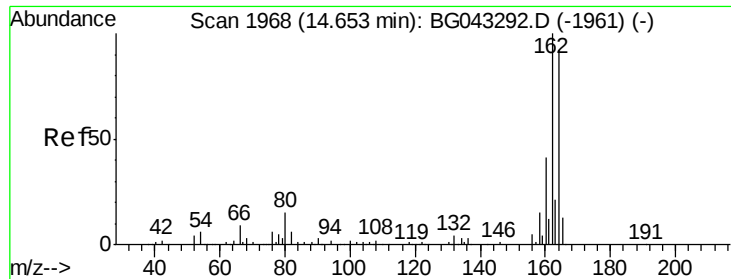
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#38
1-Methylnaphthalene
Concen: 41.496 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	5.1	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

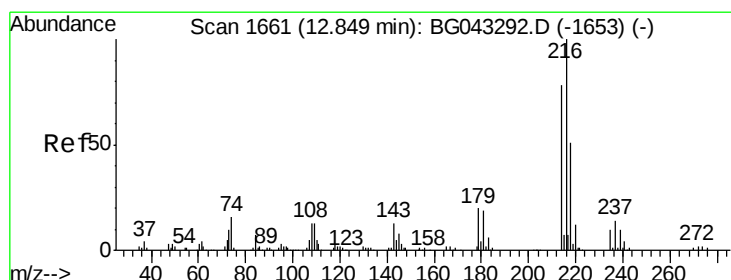
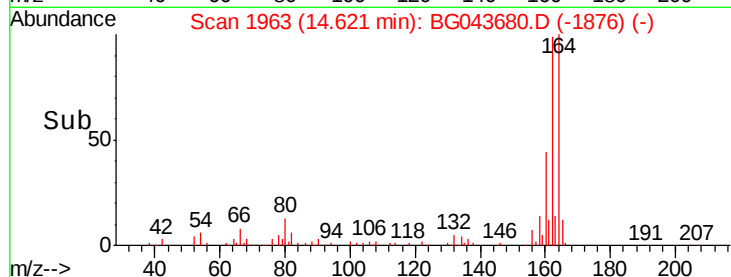
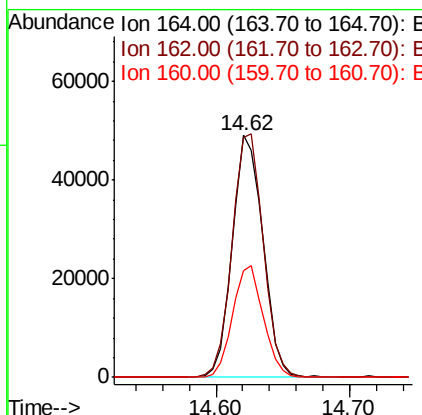
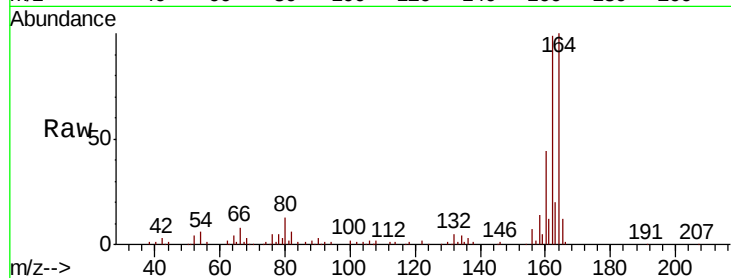
ClientSampleId :

8-(10-12)MSD

Tot Ion:	164	Resp:	78410
Ion Ratio	Lower	Upper	
164	100		
162	99.3	83.5	125.3
160	44.3	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.828 ng

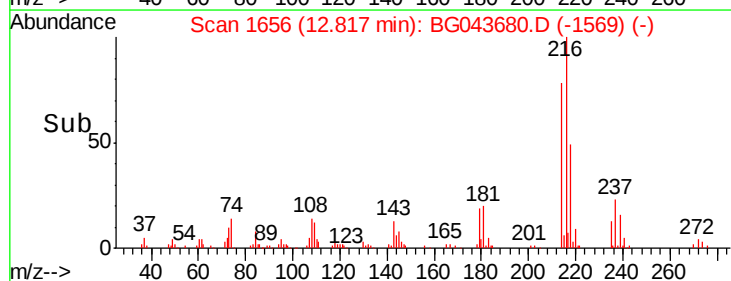
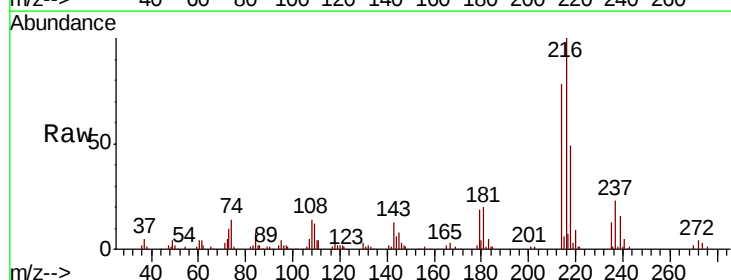
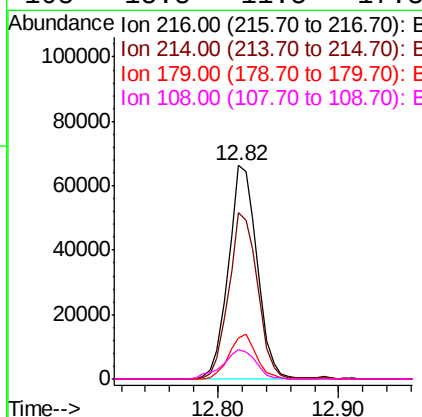
RT: 12.82 min Scan# 1656

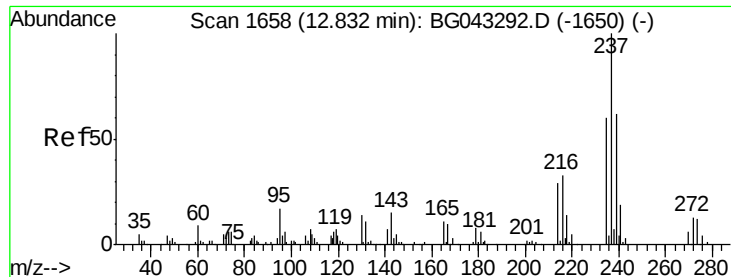
Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	216	Resp:	109771
Ion Ratio	Lower	Upper	
216	100		
214	78.5	61.7	92.5
179	19.6	15.8	23.8
108	15.8	11.5	17.3





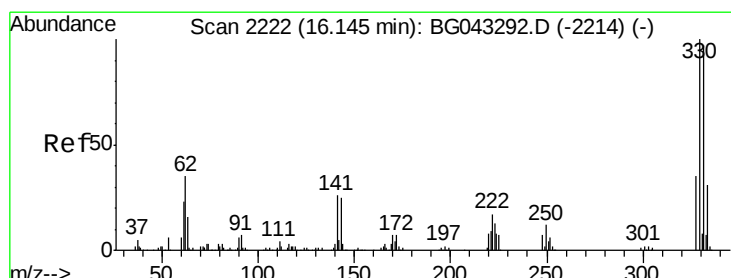
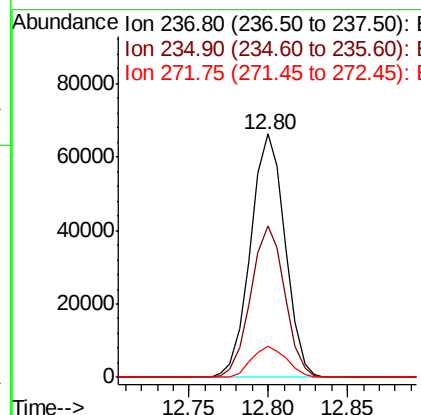
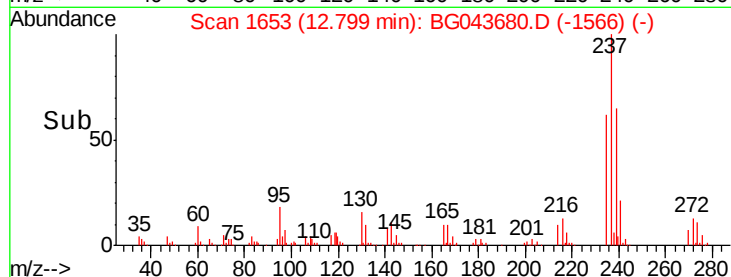
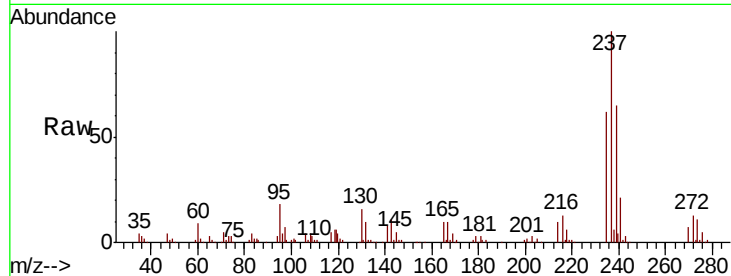
#41
Hexachlorocyclopentadiene
Concen: 65.726 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	41.6	81.6	
272	12.9	0.0	32.5	

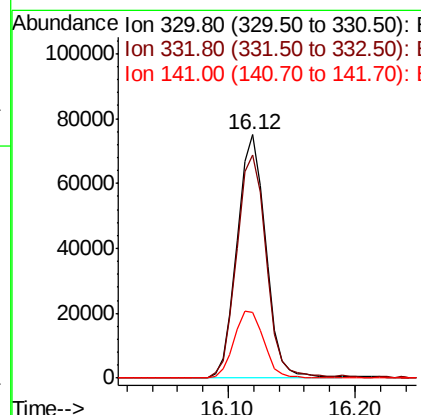
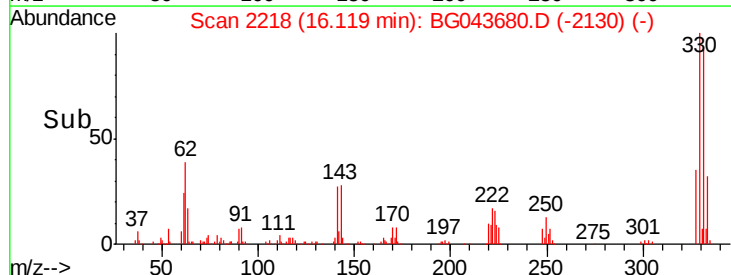
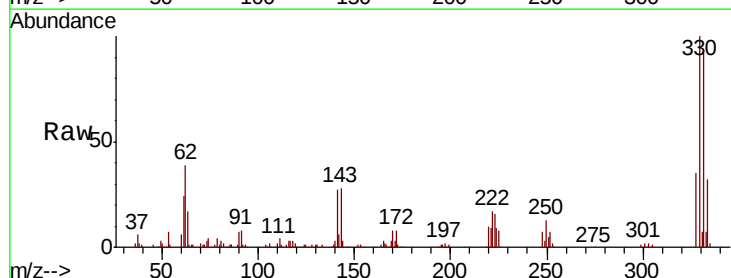
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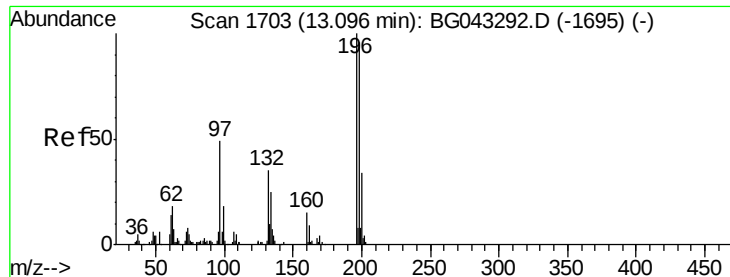
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#42
2,4,6-Tribromophenol
Concen: 78.698 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	77.4	116.0	
141	28.8	22.8	34.2	





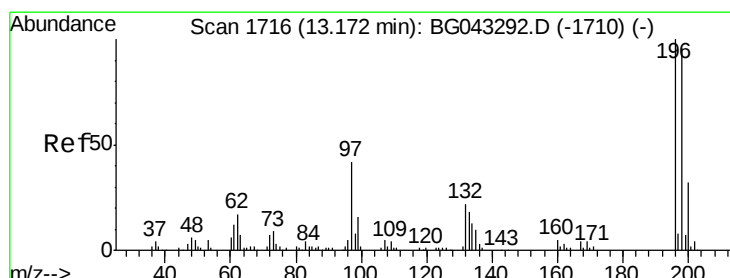
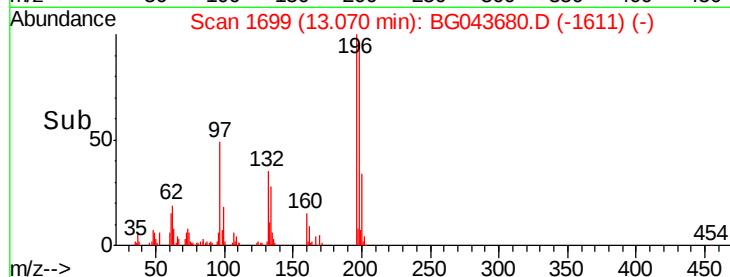
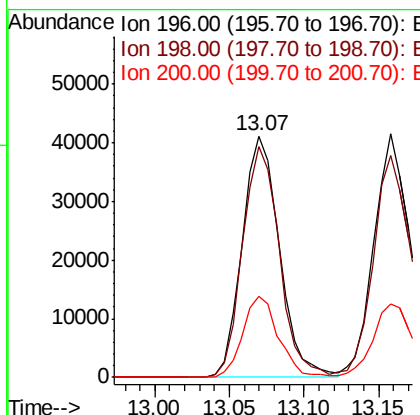
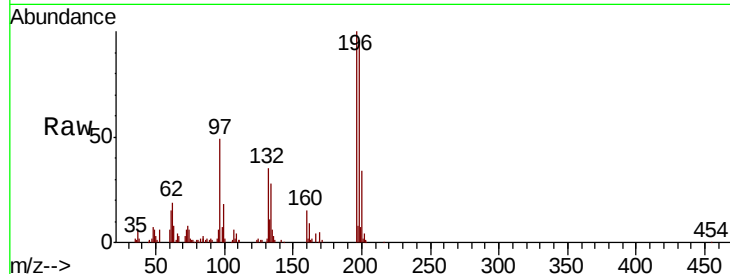
#43
 2,4,6-Trichlorophenol
 Concen: 41.823 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.8	113.6
200	33.7	23.9	35.9

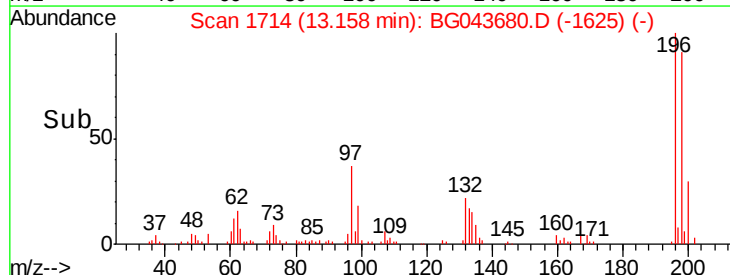
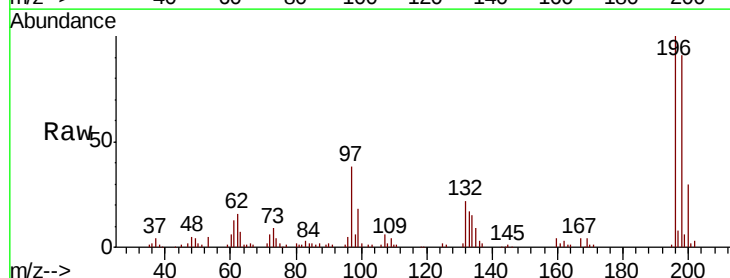
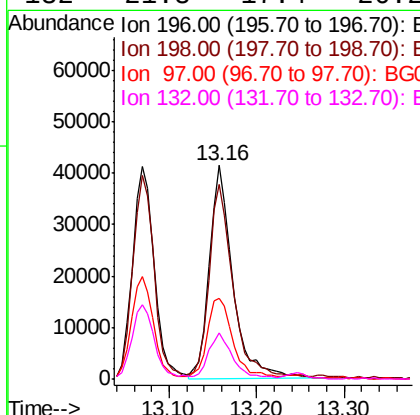
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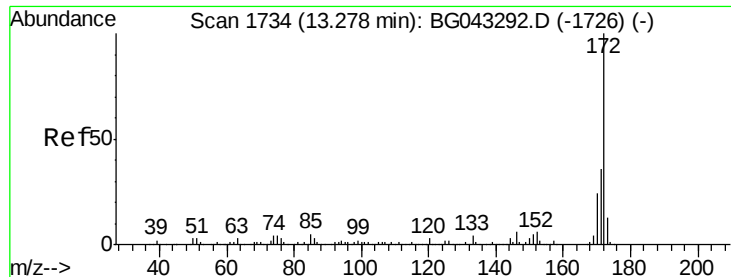
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#44
 2,4,5-Trichlorophenol
 Concen: 44.319 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	74.5	111.7
97	37.6	36.3	54.5
132	21.8	17.4	26.2





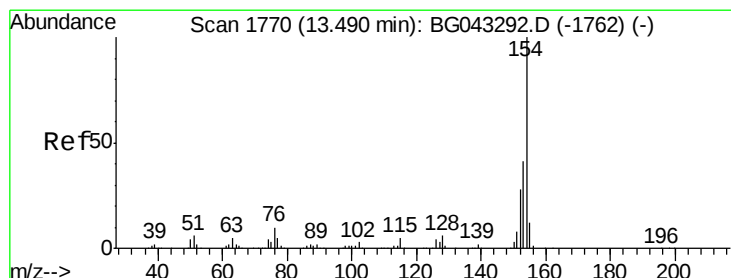
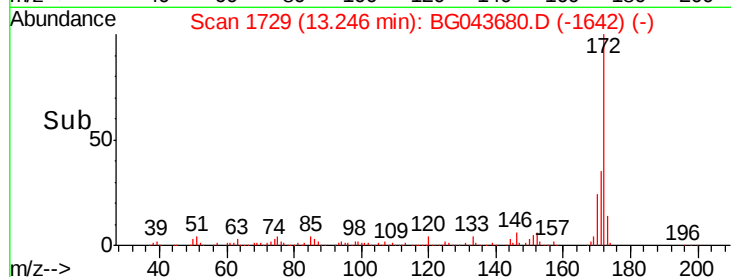
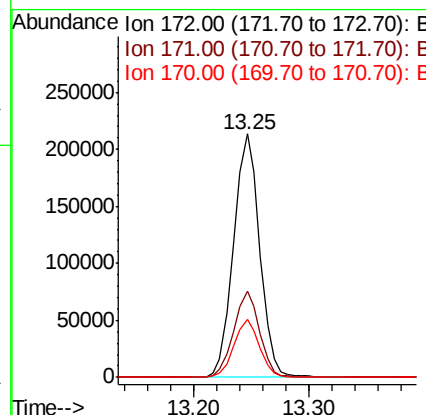
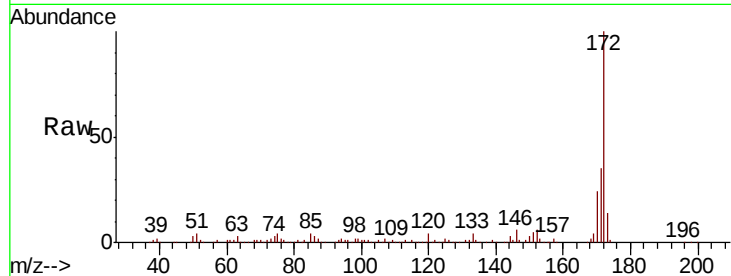
#45
2-Fluorobiphenyl
Concen: 58.836 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.7	18.5	27.7

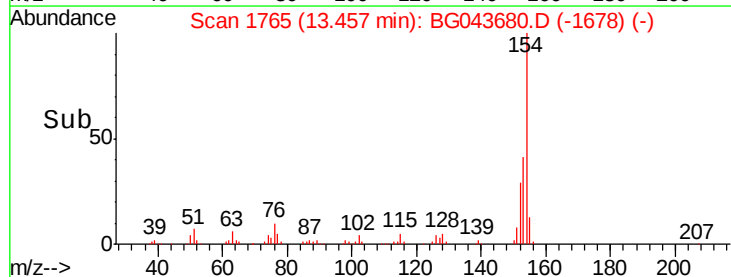
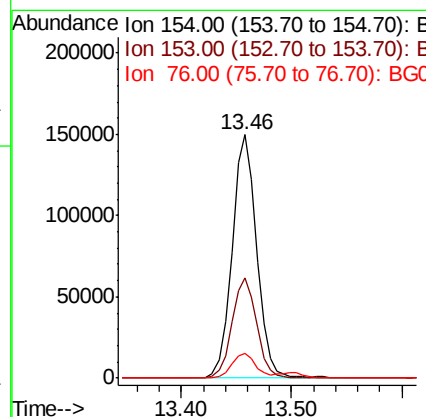
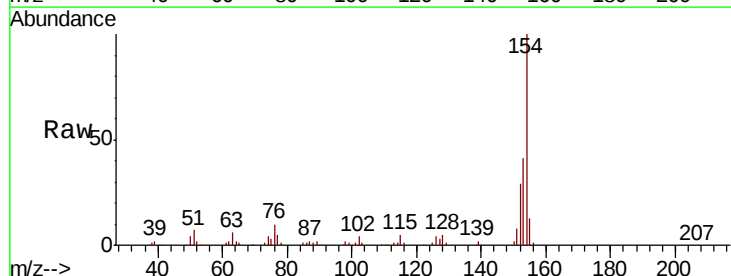
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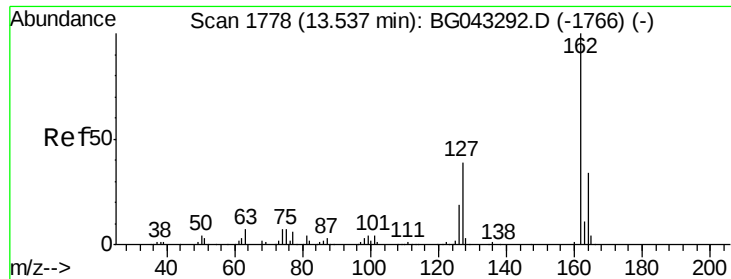
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#46
1,1'-Biphenyl
Concen: 39.099 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.9	59.9
76	10.1	0.0	29.4





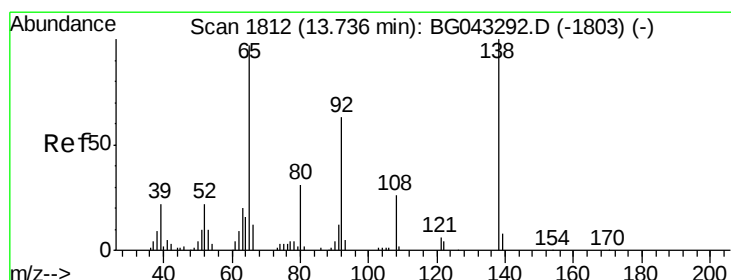
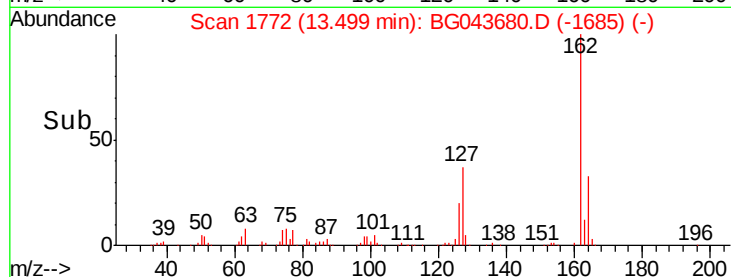
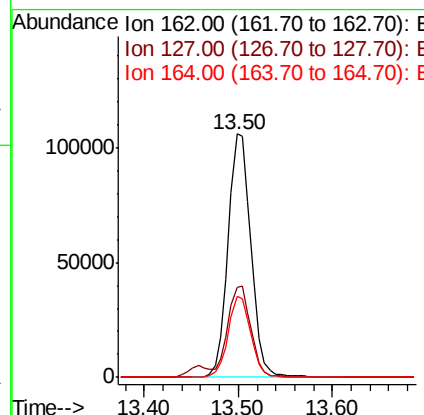
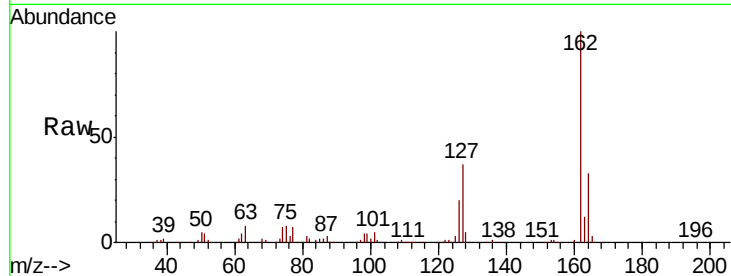
#47
2-Chloronaphthalene
Concen: 39.610 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.2	46.8
164	33.1	25.8	38.8

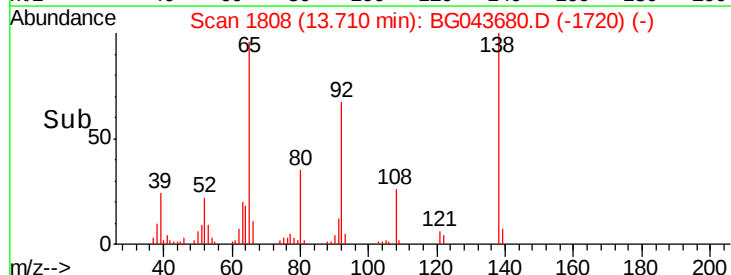
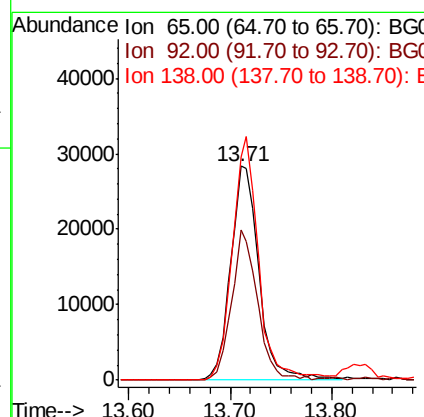
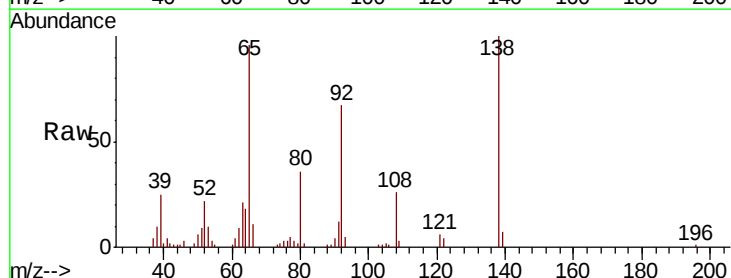
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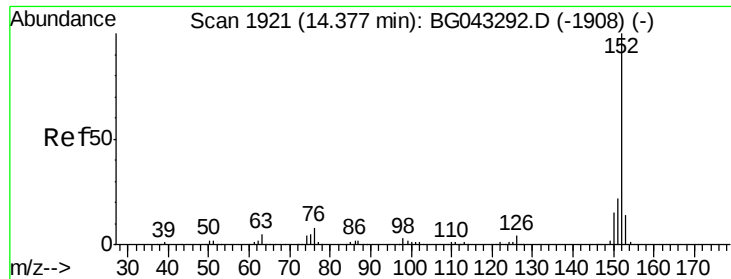
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#48
2-Nitroaniline
Concen: 40.418 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.2	84.2
138	104.3	82.6	123.8





#49

Acenaphthylene

Concen: 42.030 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

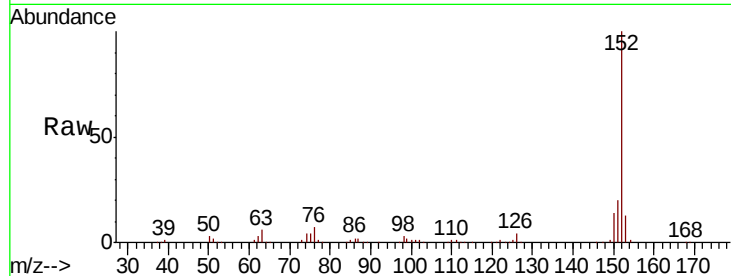
ClientSampleId :

8-(10-12)MSD

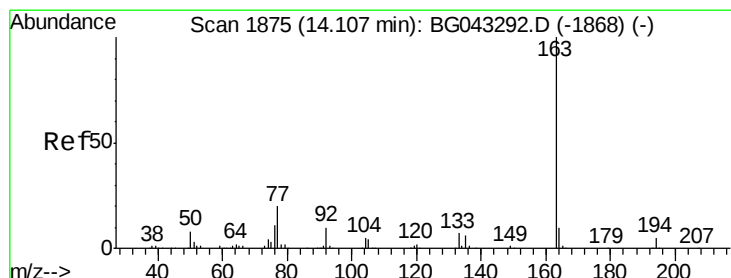
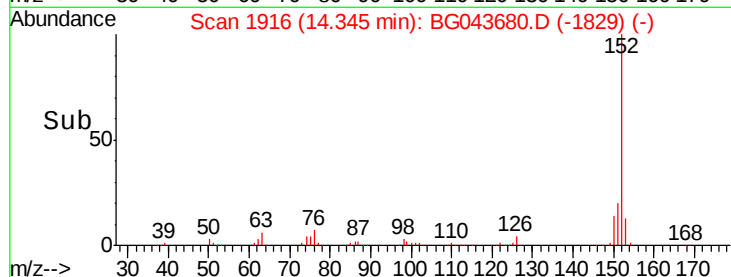
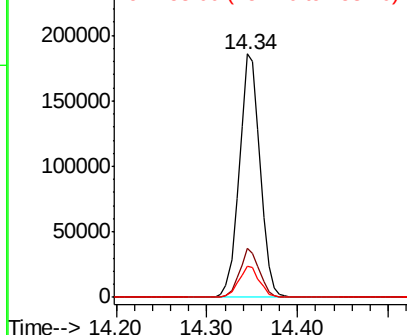
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		296883		
151	20.0	16.2	24.4		
153	12.9	10.6	15.8		

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



#50

Dimethylphthalate

Concen: 46.739 ng

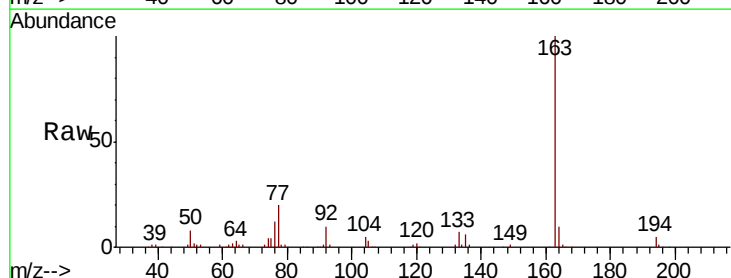
RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

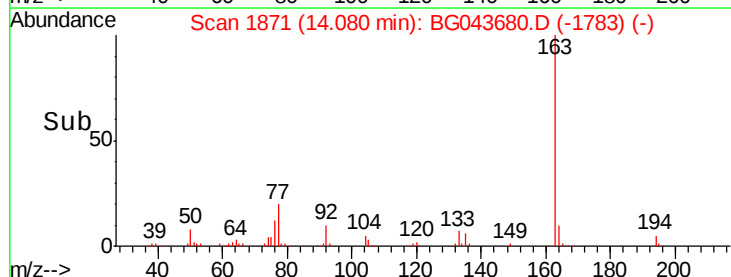
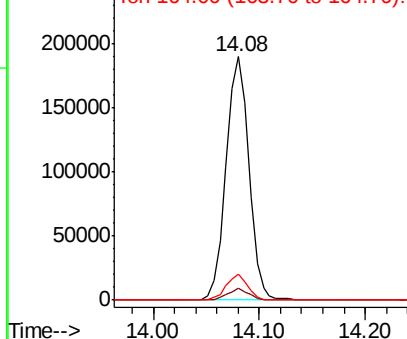
Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		283867		
194	4.9	3.8	5.6		
164	10.5	8.9	13.3		



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





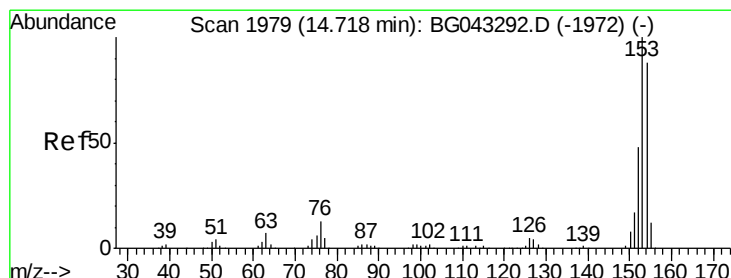
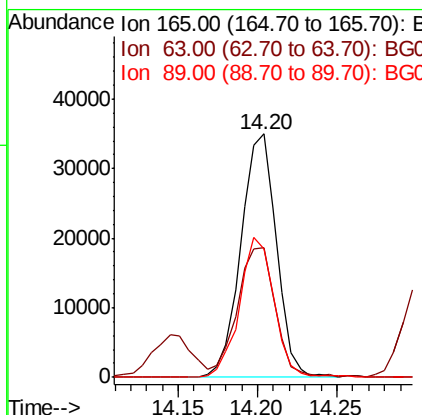
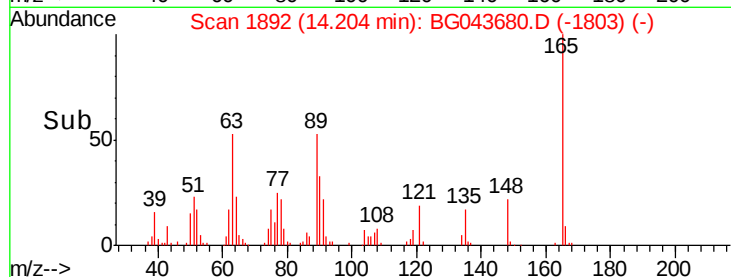
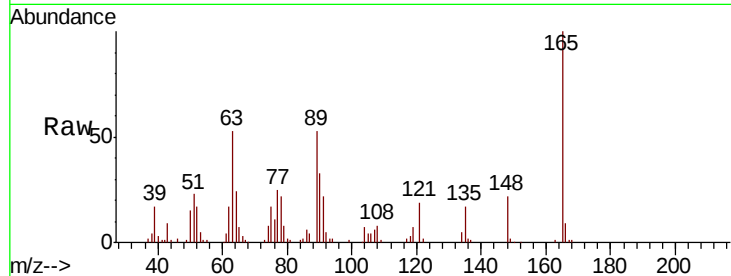
#51
2,6-Dinitrotoluene
Concen: 41.084 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion:	165	Resp:	54208
Ion Ratio	Lower	Upper	
165	100		
63	53.3	46.6	69.8
89	52.6	45.1	67.7

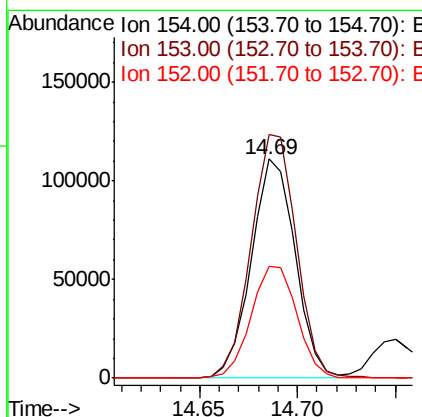
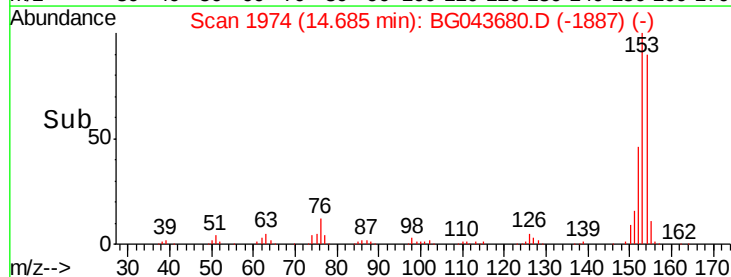
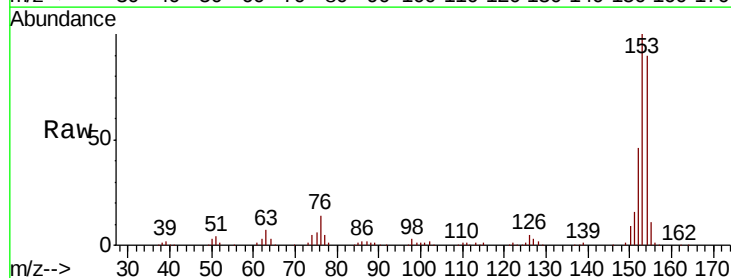
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#52
Acenaphthene
Concen: 40.128 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion:	154	Resp:	172857
Ion Ratio	Lower	Upper	
154	100		
153	111.2	88.2	132.2
152	51.3	40.0	60.0





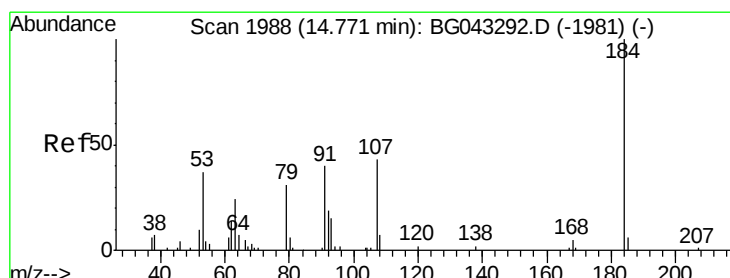
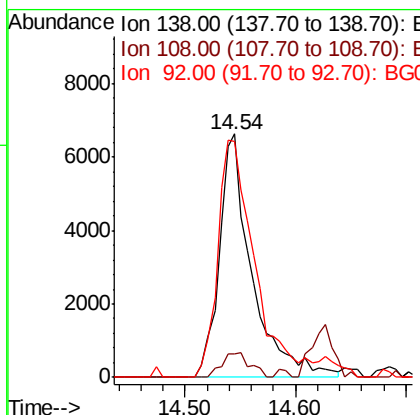
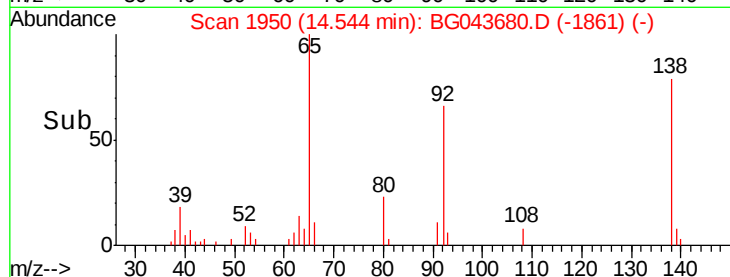
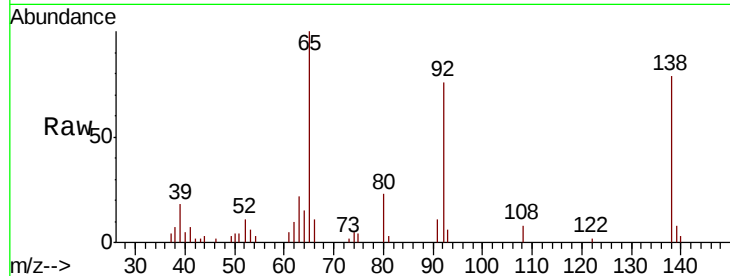
#53
3-Nitroaniline
Concen: 10.671 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	96.9	90.9	136.3

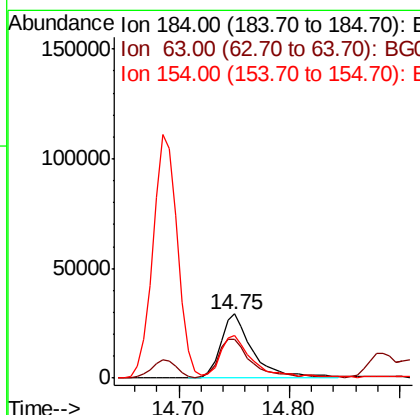
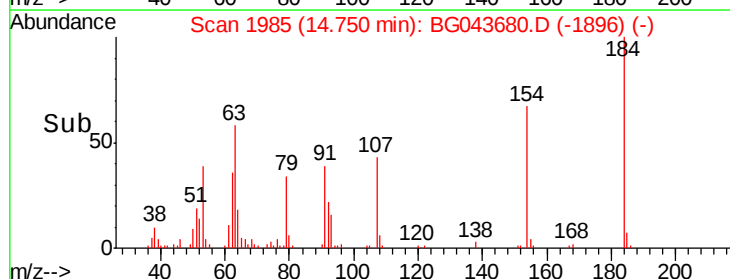
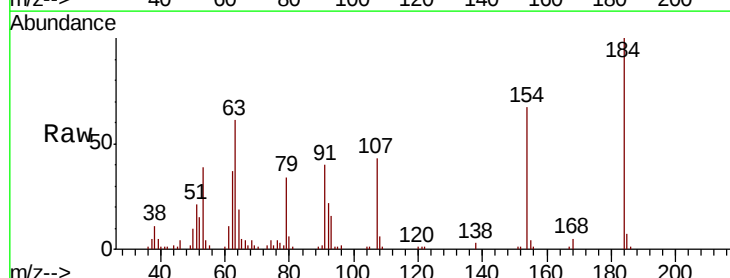
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#54
2,4-Dinitrophenol
Concen: 72.686 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	51.3	76.9
154	66.6	55.4	83.0





#55

Dibenzenofuran

Concen: 41.137 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

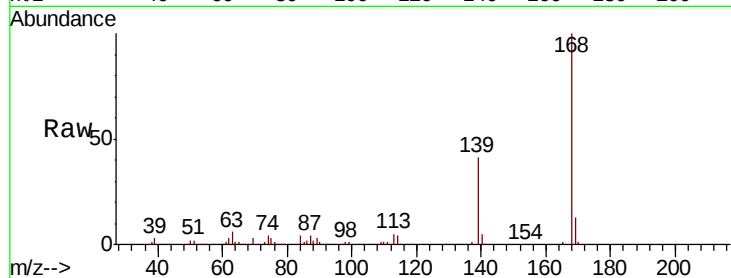
ClientSampleId :

8-(10-12)MSD

Tot Ion:	168	Resp:	287365
Ion Ratio	Lower	Upper	
168	100		
139	40.6	31.0	46.6
169	13.3	11.7	17.5

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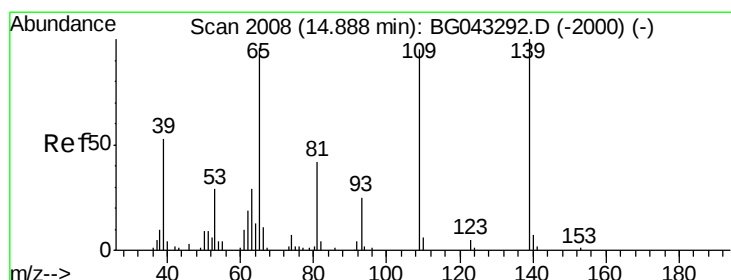
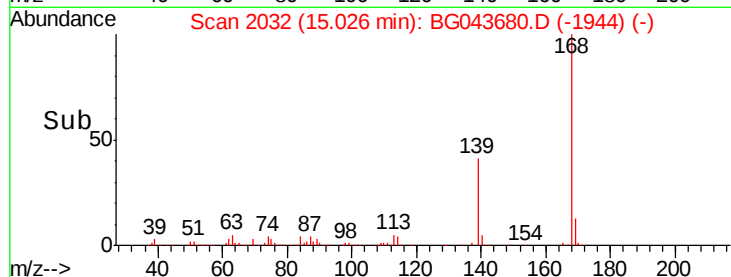
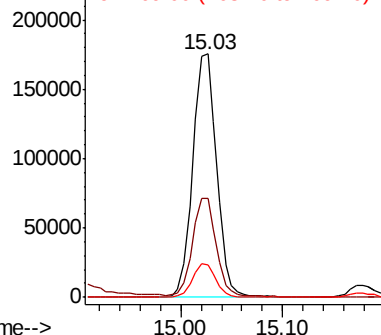


Abundance

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: 85.210 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

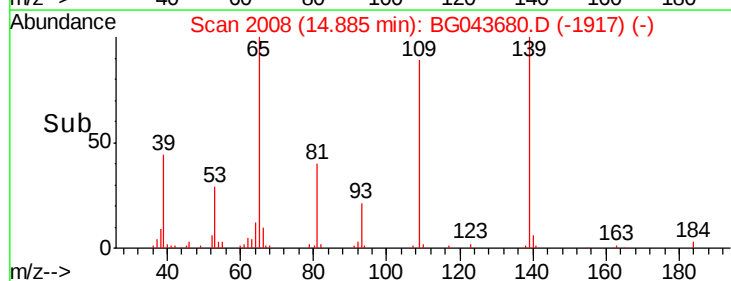
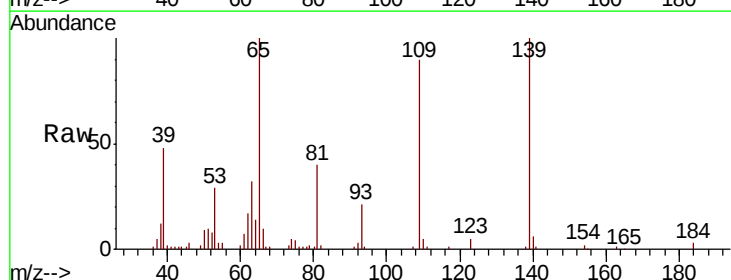
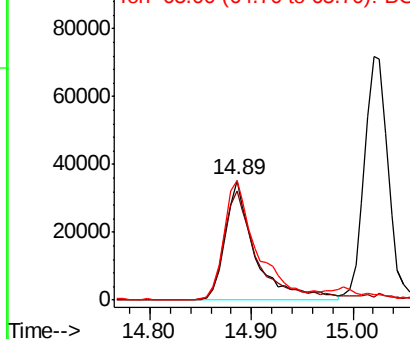
Tgt Ion:	139	Resp:	72741
Ion Ratio	Lower	Upper	
139	100		
109	90.5	87.2	127.2
65	99.7	83.8	123.8

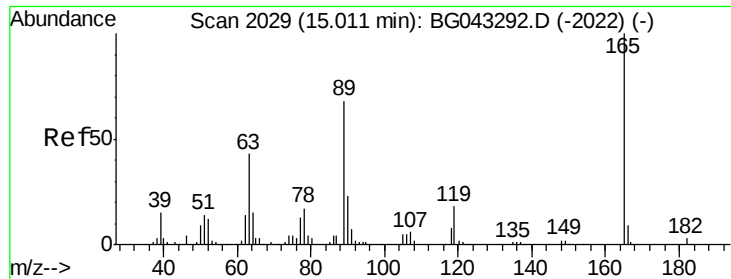
Abundance

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): BGC





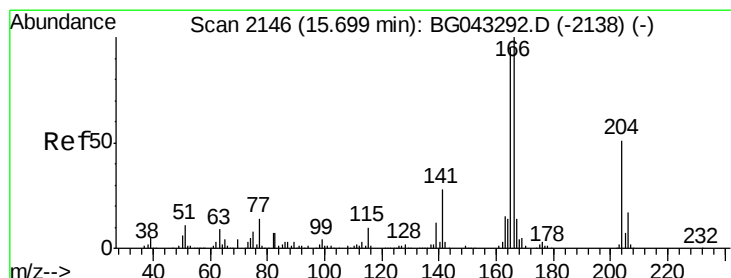
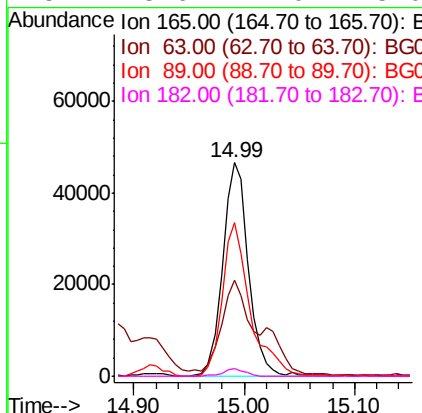
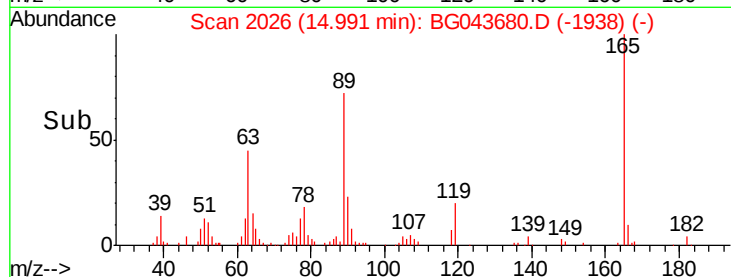
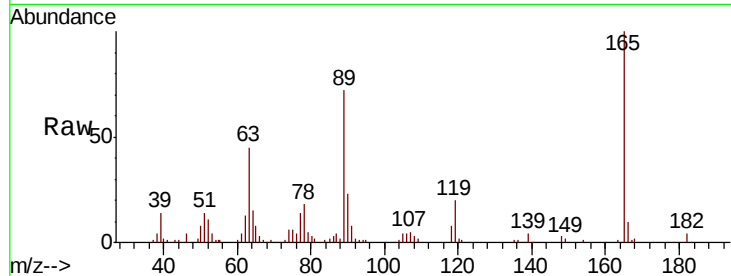
#57
2,4-Dinitrotoluene
Concen: 40.194 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.1	33.2	49.8
89	71.9	52.2	78.4
182	3.6	2.0	3.0#

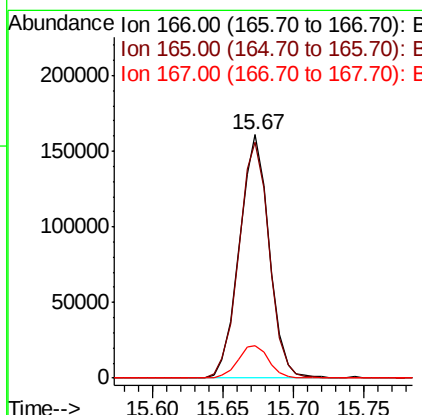
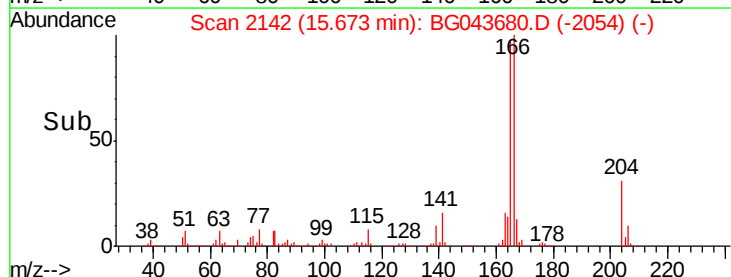
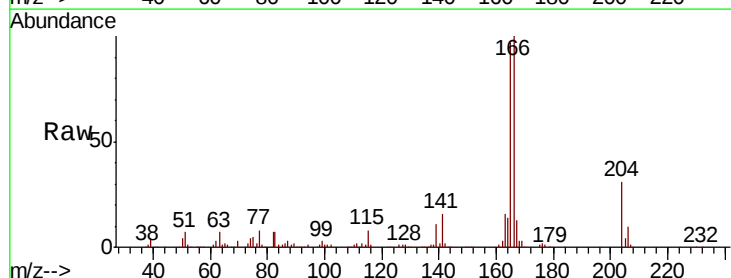
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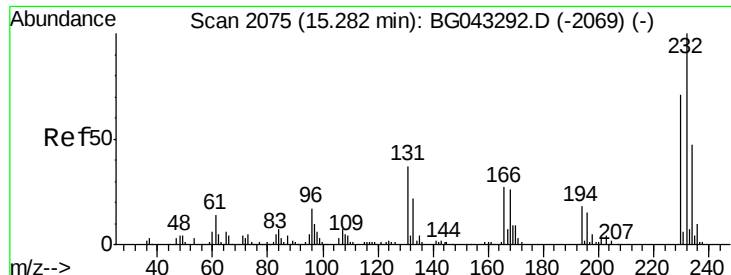
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#58
Fluorene
Concen: 40.385 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.9	79.0	118.6
167	13.4	10.5	15.7





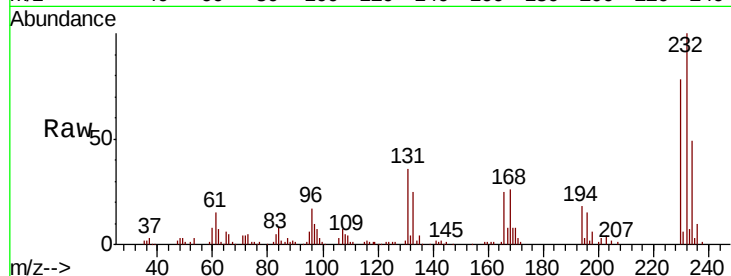
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.967 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

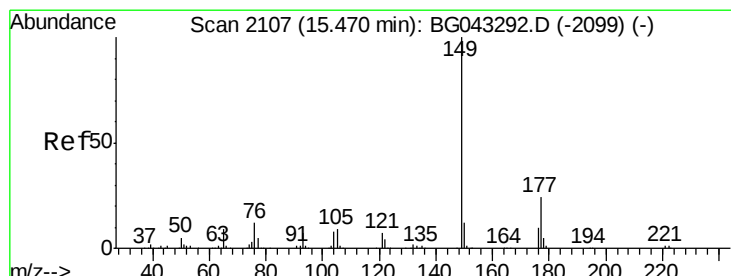
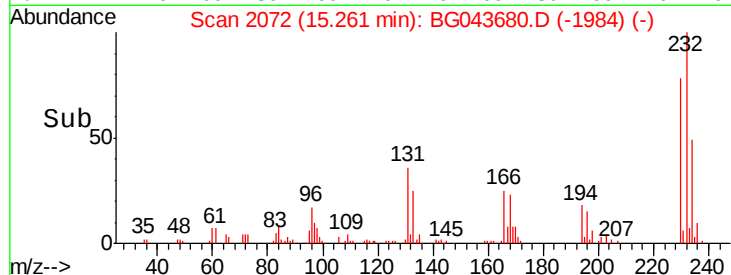
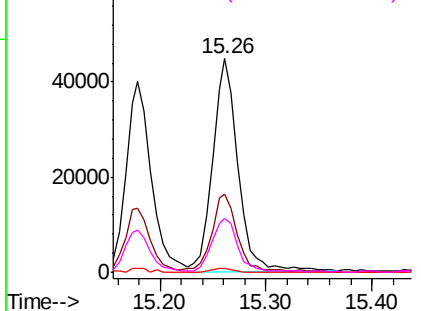
Tot Ion:	232	Resp:	75199
Ion Ratio	Lower	Upper	
232	100		
131	37.9	26.9	40.3
130	1.6	1.8	2.6
166	24.7	20.9	31.3

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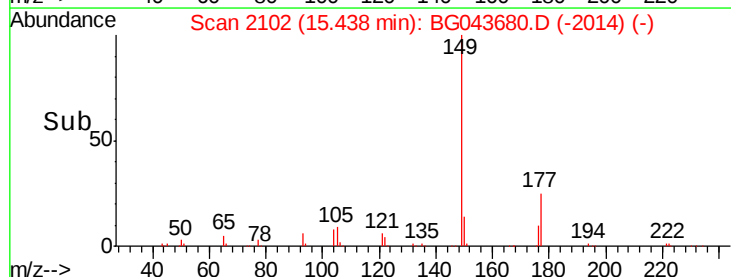
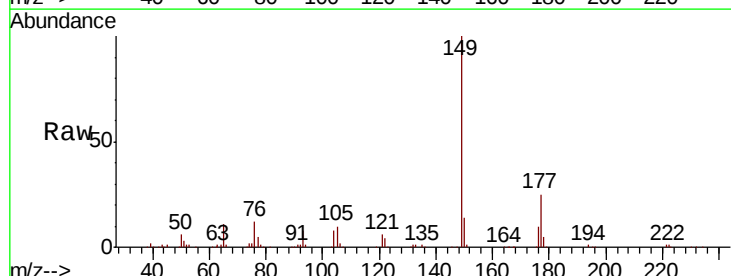
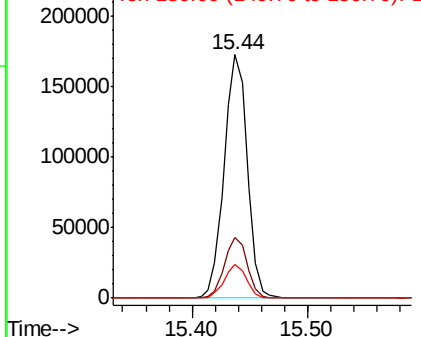
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

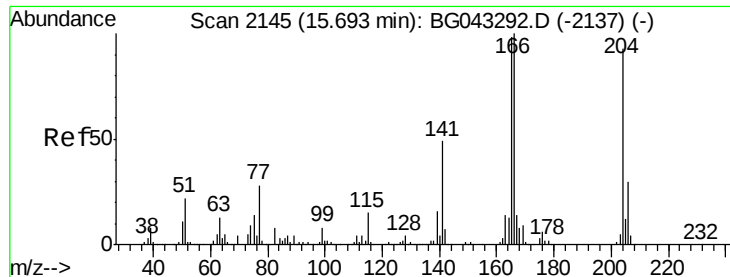


#60
 Diethylphthalate
 Concen: 39.326 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion:	149	Resp:	239986
Ion Ratio	Lower	Upper	
149	100		
177	25.0	19.6	29.4
150	13.9	10.8	16.2

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





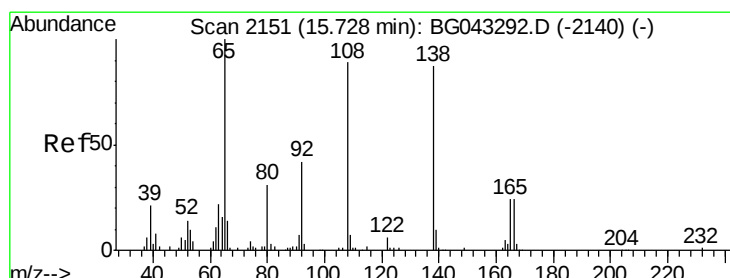
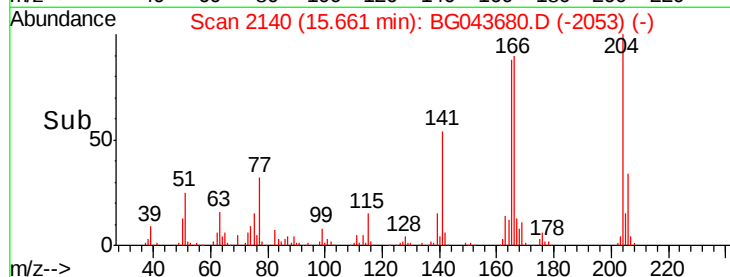
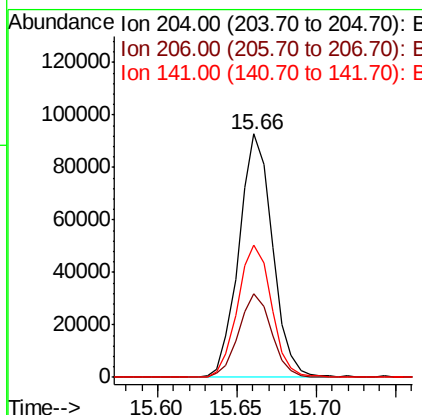
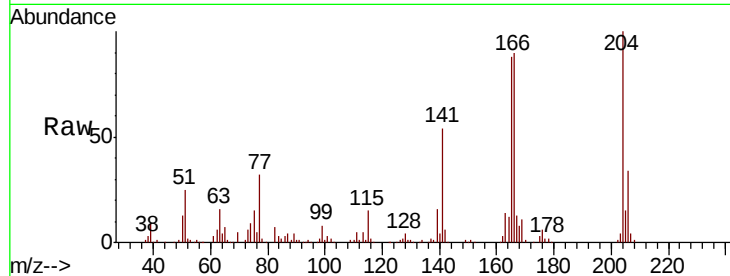
#61
4-Chlorophenyl-phenylether
Concen: 39.880 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	28.4	42.6
141	54.3	43.0	64.6

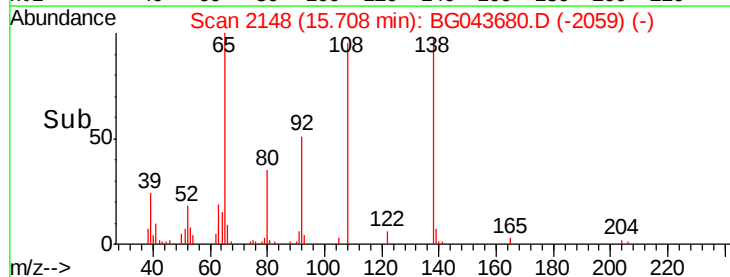
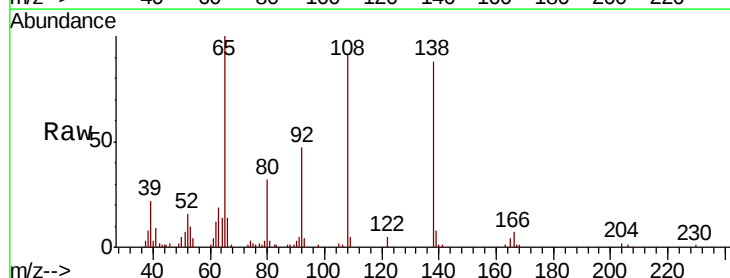
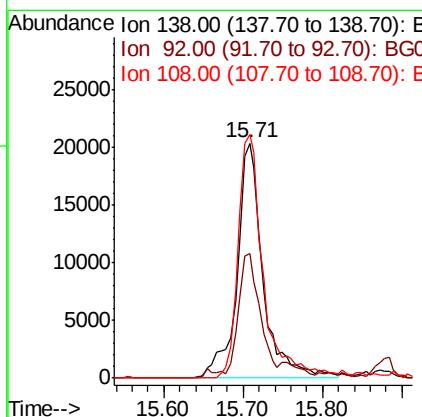
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#62
4-Nitroaniline
Concen: 35.185 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	33.4	73.4
108	103.5	78.0	118.0





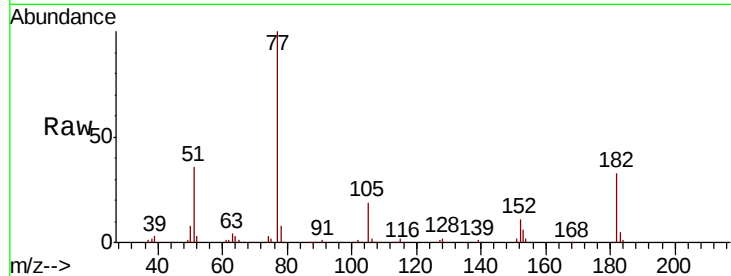
#63
Azobenzene
Concen: 40.586 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

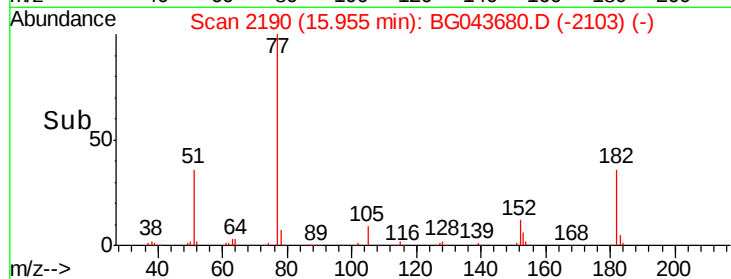
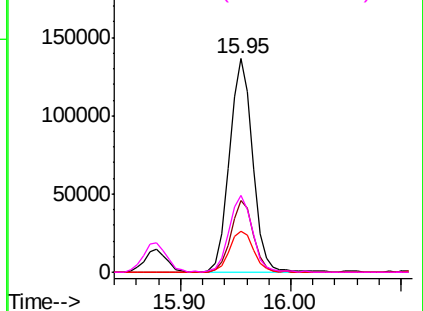
Tot Ion	Ratio	Lower	Upper
77	100		
182	33.4	13.7	53.7
105	19.3	0.4	40.4
51	35.8	11.0	51.0

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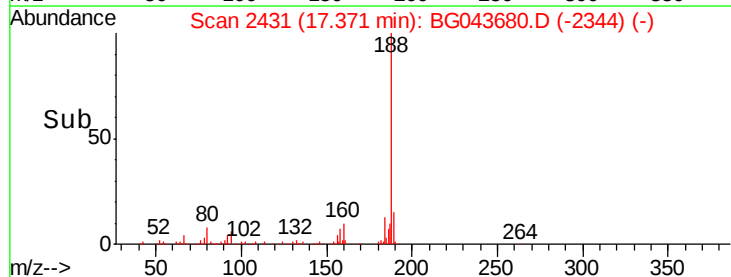
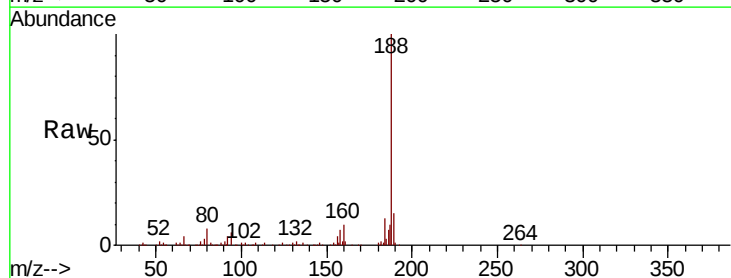
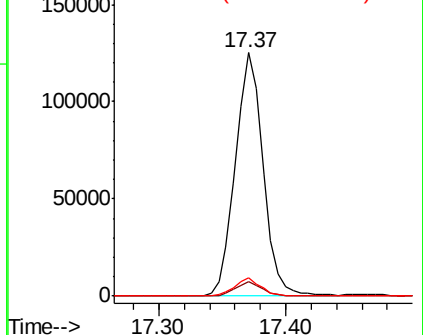
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

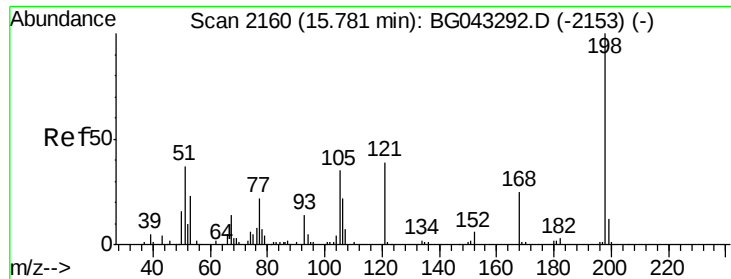


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.4
80	7.7	4.5	6.7#

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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.188 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

ClientSampleId :

8-(10-12)MSD

Tot Ion:198 Resp: 46089

Ion Ratio Lower Upper

198 100

51 36.0 13.2 53.2

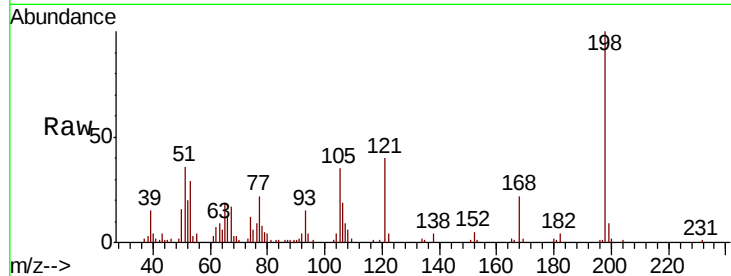
105 34.7 15.8 55.8

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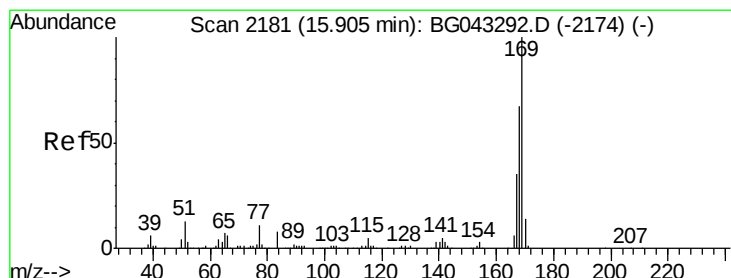
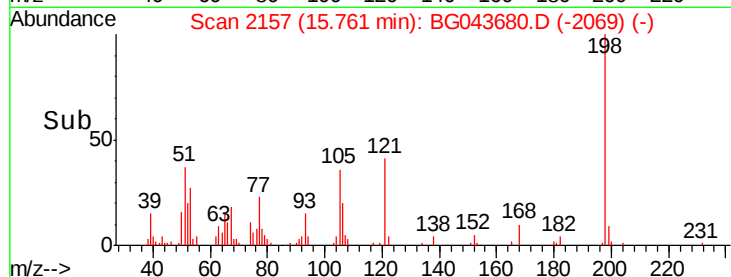
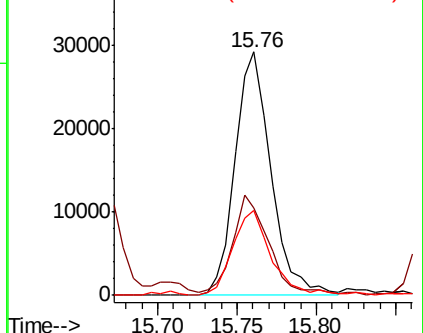
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.560 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

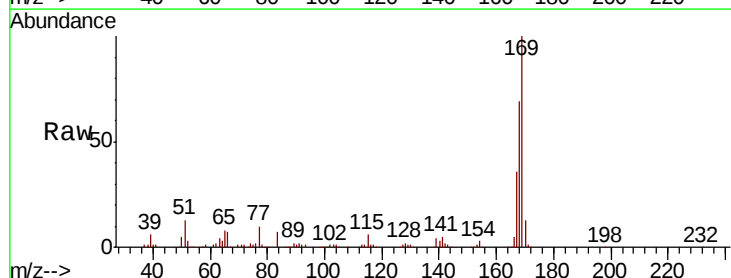
Tgt Ion:169 Resp: 212364

Ion Ratio Lower Upper

169 100

168 68.8 53.8 80.6

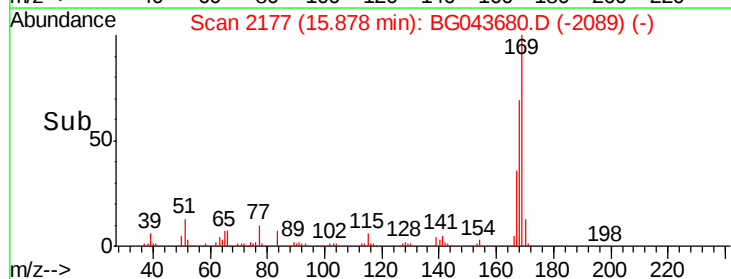
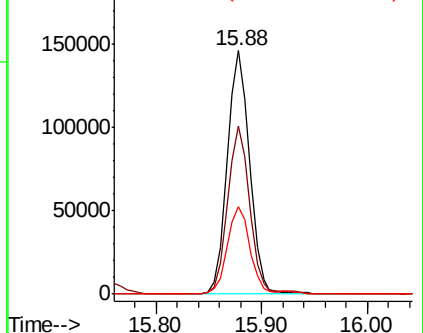
167 35.7 27.5 41.3

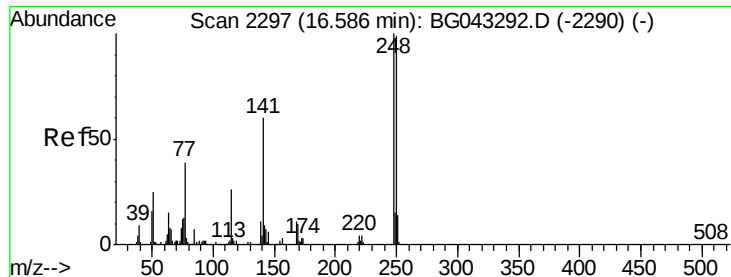


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





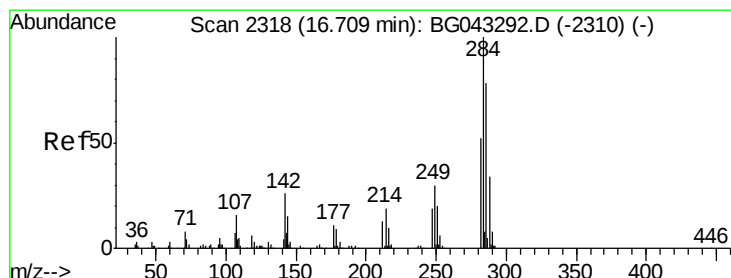
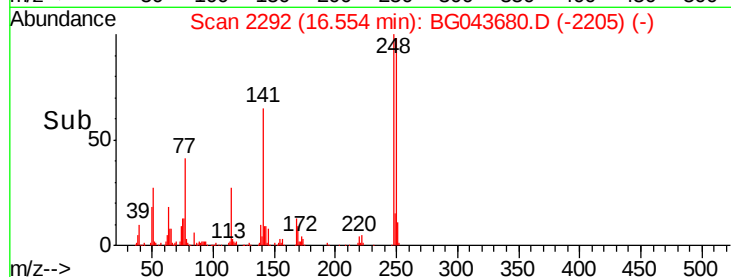
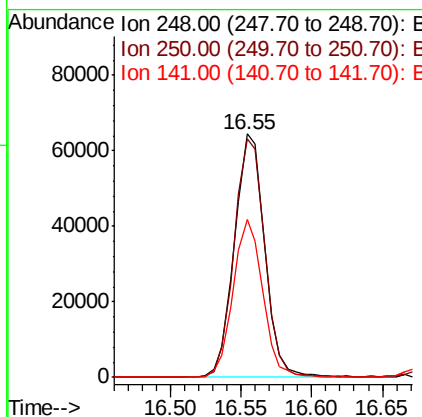
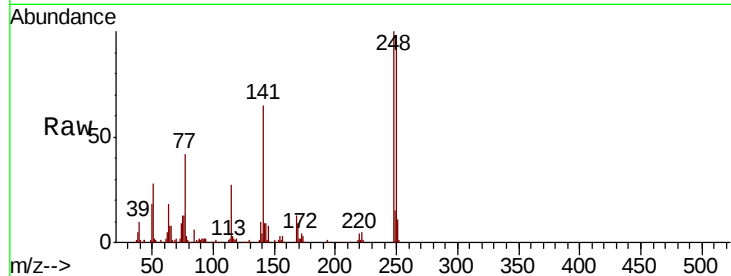
#67
4-Bromophenyl-phenylether
Concen: 37.639 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.4
141	64.8	47.5	71.3

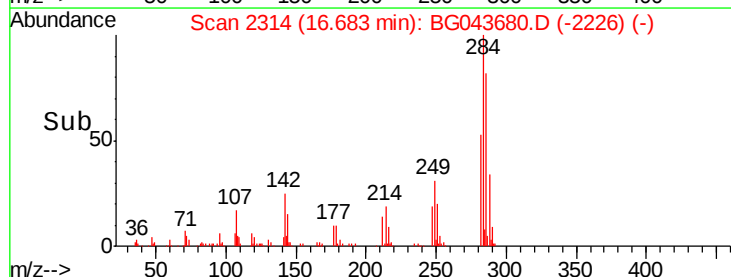
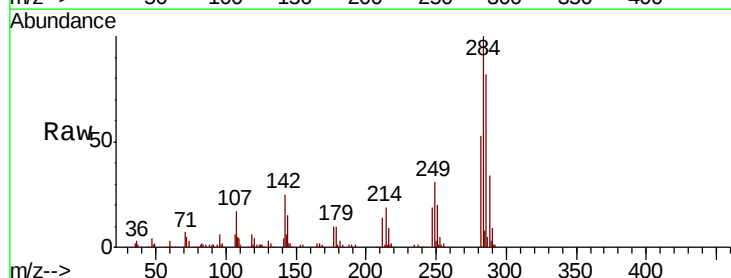
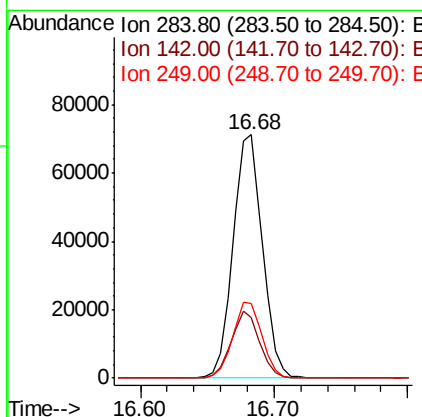
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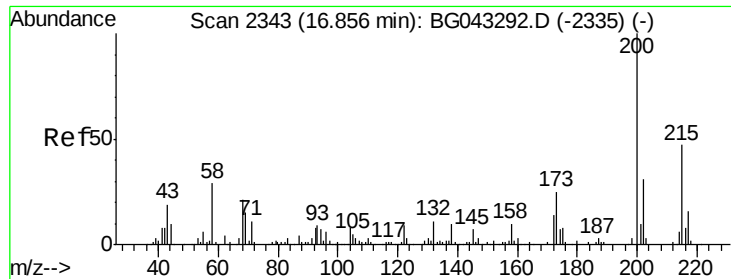
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#68
Hexachlorobenzene
Concen: 37.073 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	19.8	29.8
249	30.7	23.8	35.6





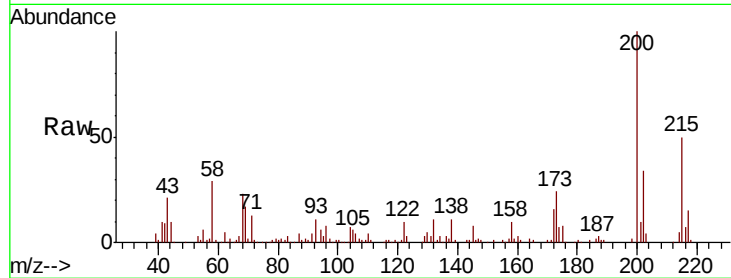
#69
 Atrazine
 Concen: 49.537 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.7	44.7
215	49.6	28.5	68.5

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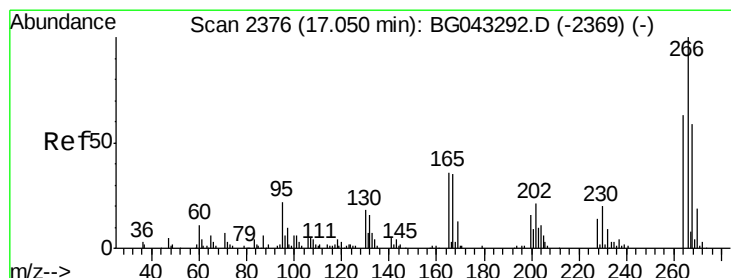
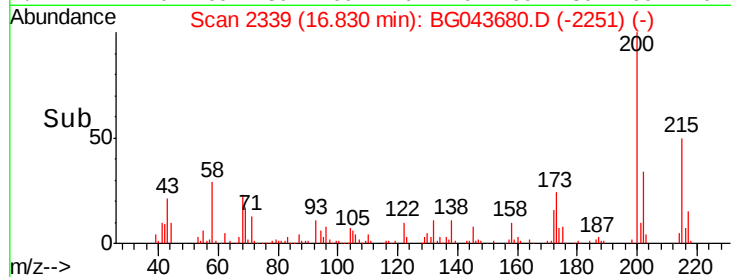
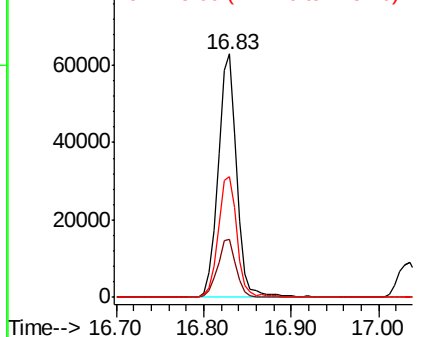


Abundance

Ion 200.00 (199.70 to 200.70): E

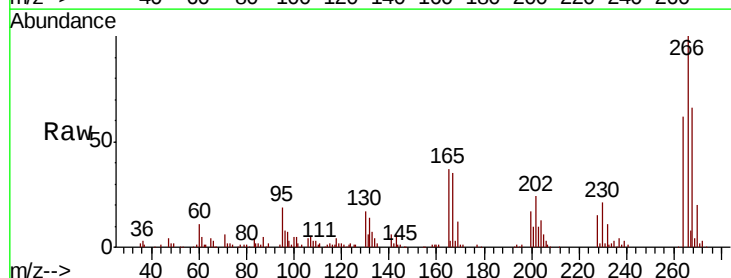
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 69.885 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.4	75.6
264	62.4	48.9	73.3

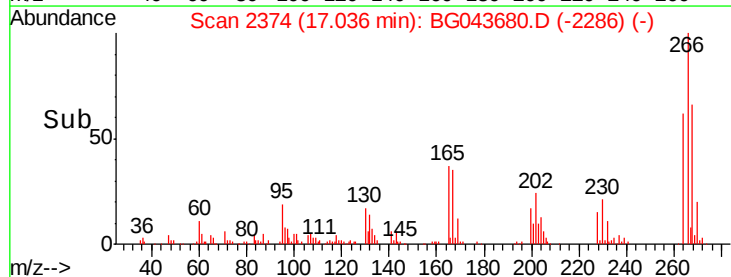
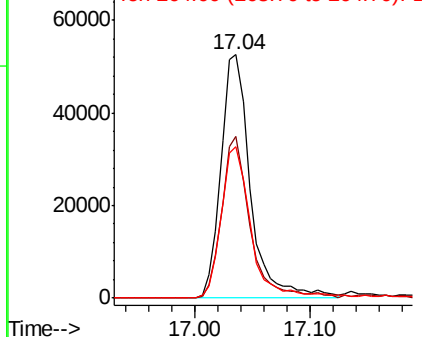


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





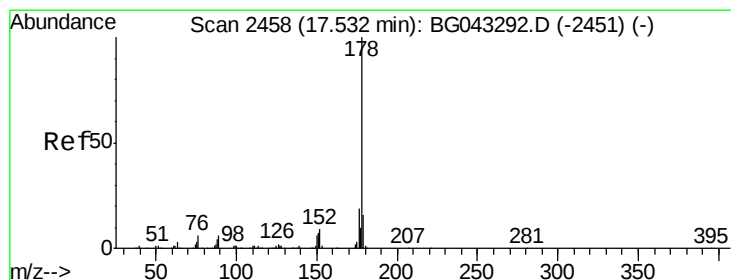
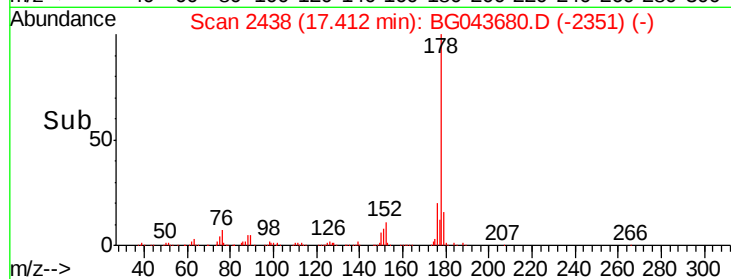
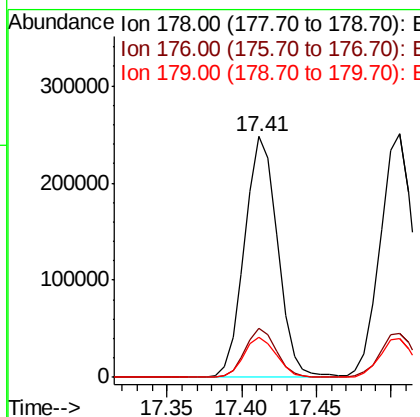
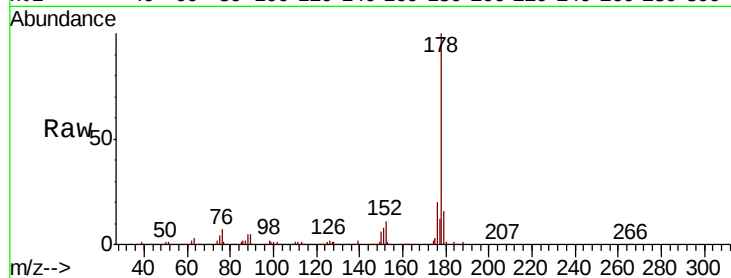
#71
Phenanthrene
Concen: 39.025 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.4	15.4	23.0	
179	16.5	13.0	19.6	

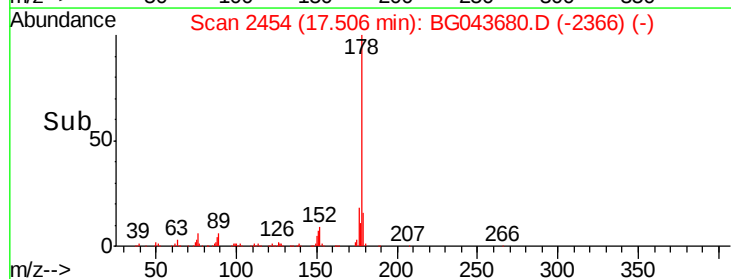
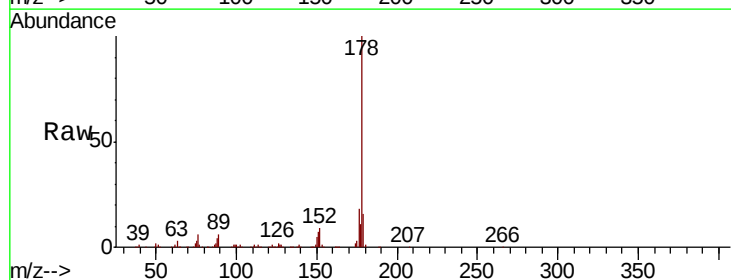
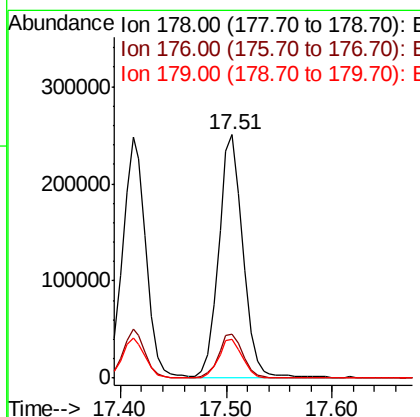
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#72
Anthracene
Concen: 40.813 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.2	15.5	23.3	
179	15.7	13.7	20.5	





#73

Carbazole

Concen: 39.469 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

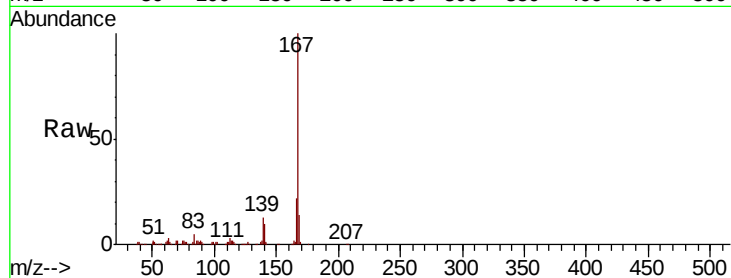
ClientSampleId :

8-(10-12)MSD

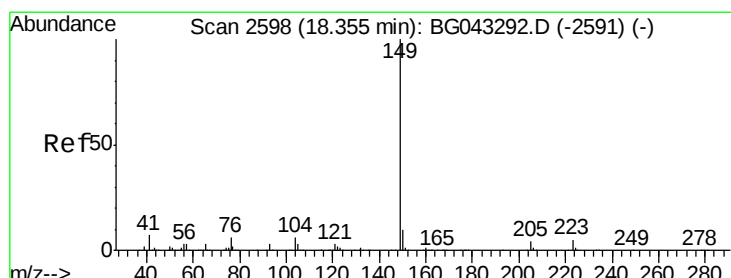
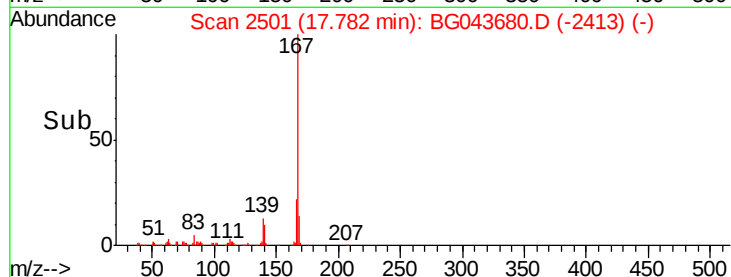
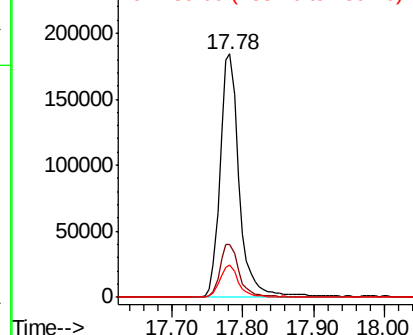
Tot Ion:	167	Resp:	348190
Ion Ratio	Lower	Upper	
167	100		
166	21.7	18.7	28.1
139	13.2	10.0	15.0

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Abundance Ion 167.00 (166.70 to 167.70): E
250000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.865 ng

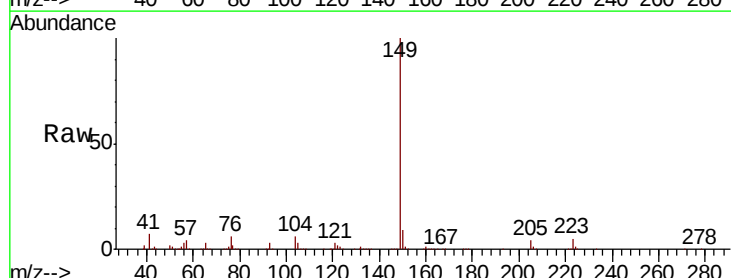
RT: 18.33 min Scan# 2594

Delta R.T. -0.01 min

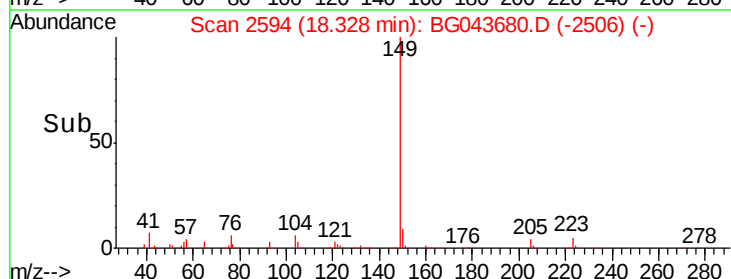
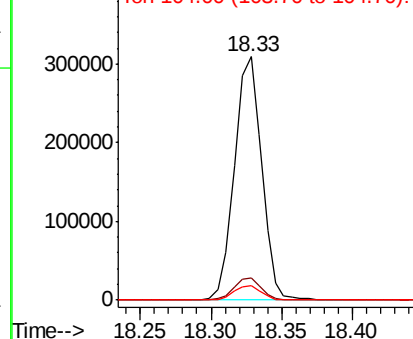
Lab File: BG043680.D

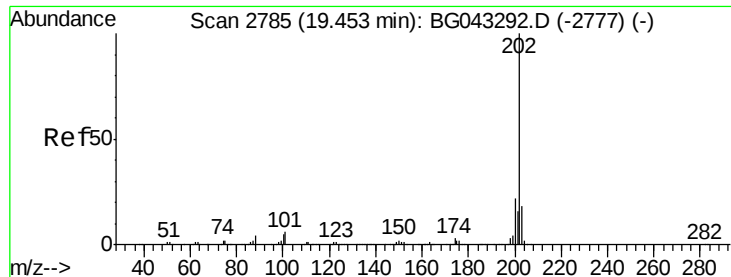
Acq: 18 Nov 2019 19:34

Tgt Ion:	149	Resp:	416012
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.0	12.0
104	5.7	4.4	6.6



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.919 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

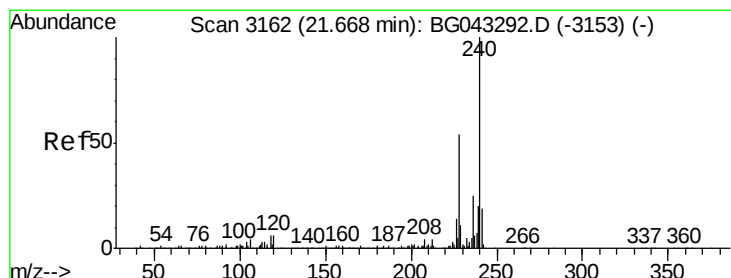
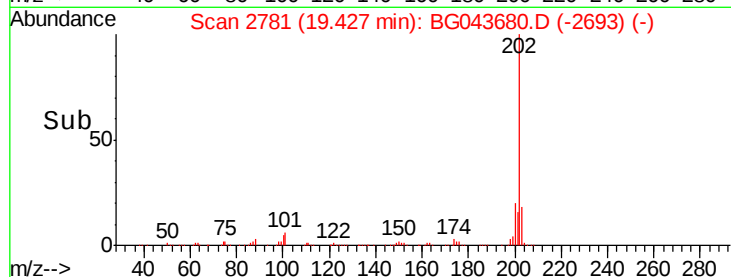
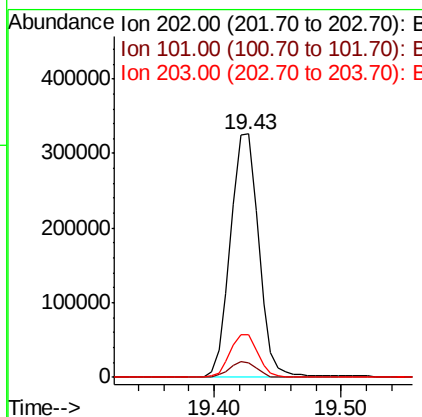
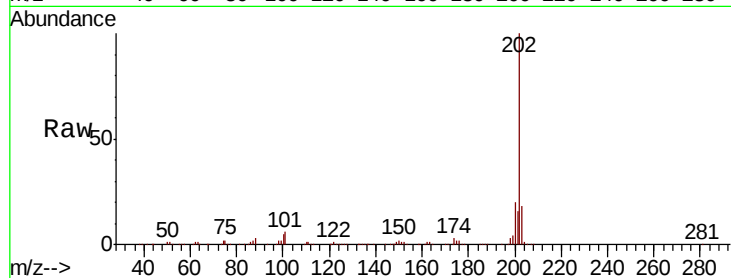
ClientSampleId :

8-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	506719		
101	6.1	0.0	26.3	
203	17.5	0.0	37.9	

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#76

Chrysene-d12

Concen: 20.000 ng

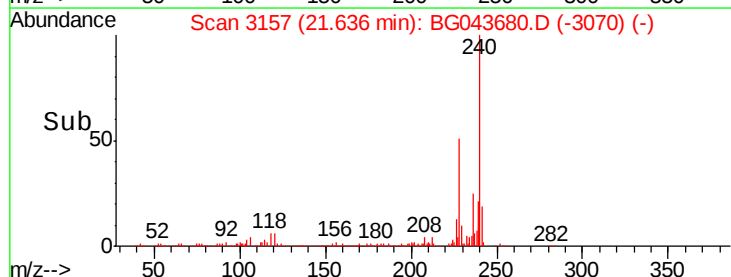
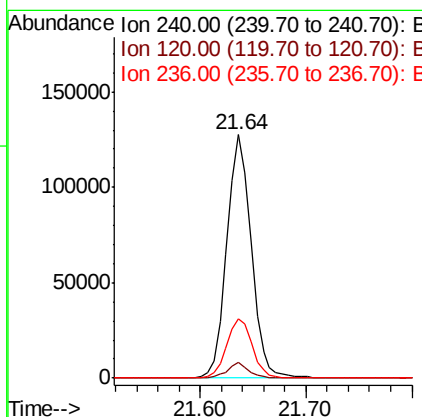
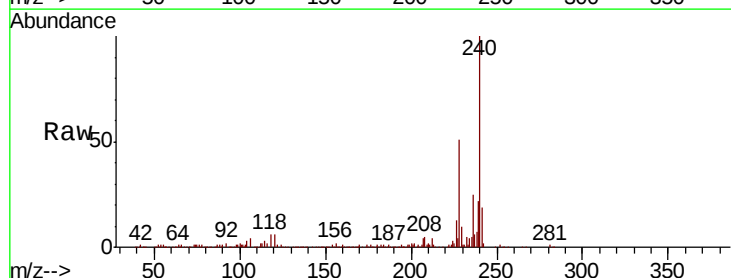
RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	204414		
120	6.3	4.6	6.8	
236	24.6	19.8	29.8	





#77

Benzidine

Concen: 13.546 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

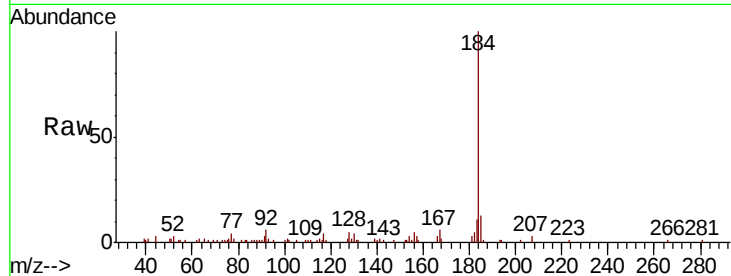
ClientSampleId :

8-(10-12)MSD

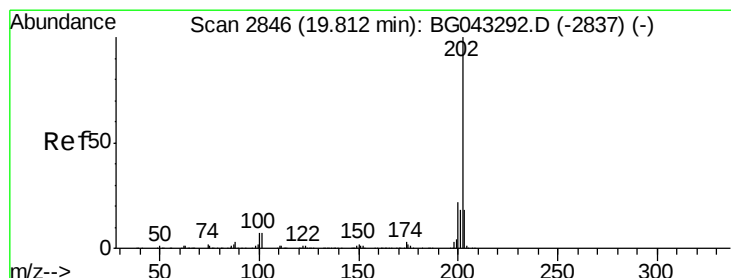
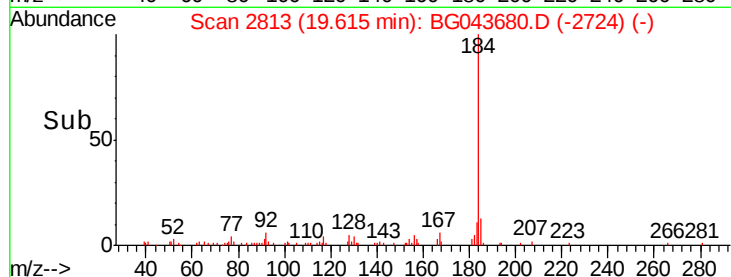
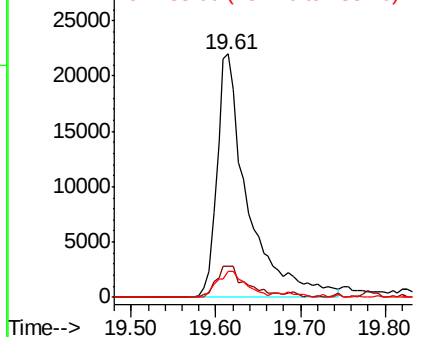
Tot Ion:	184	Resp:	55725
Ion Ratio	Lower	Upper	
184	100		
185	12.9	11.0	16.4
183	10.8	10.0	15.0

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



#78

Pyrene

Concen: 40.812 ng

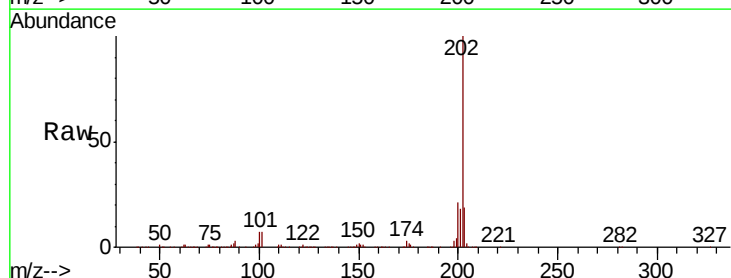
RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

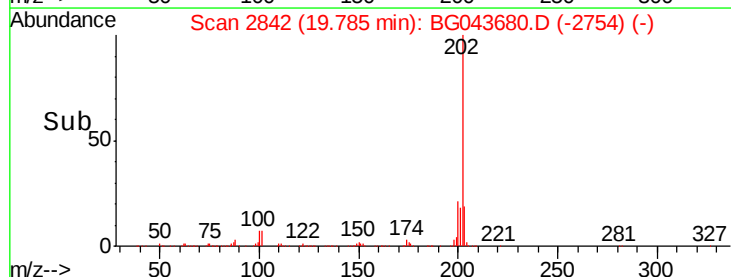
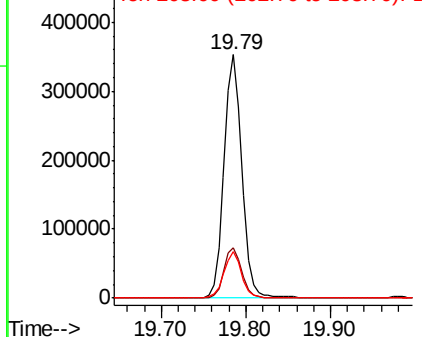
Lab File: BG043680.D

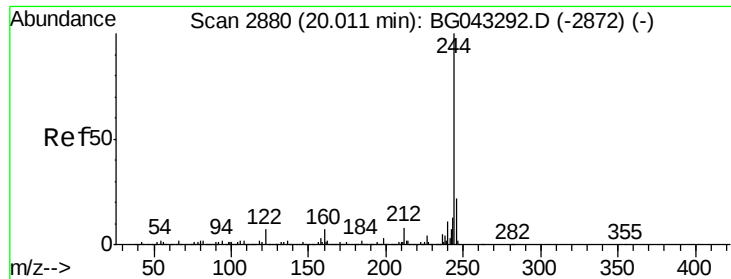
Acq: 18 Nov 2019 19:34

Tgt Ion:	202	Resp:	516389
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	18.9	14.7	22.1



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





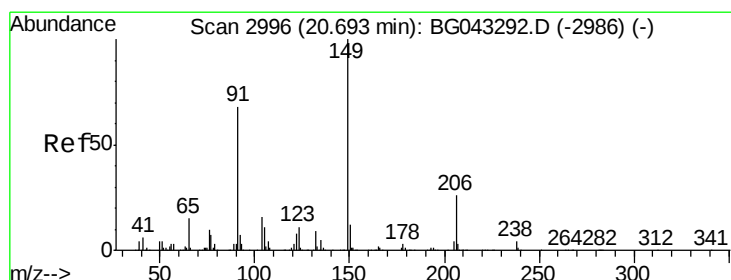
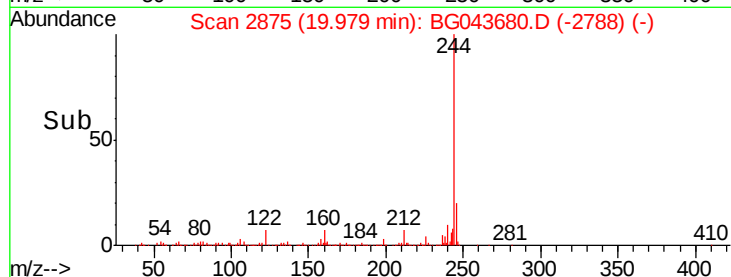
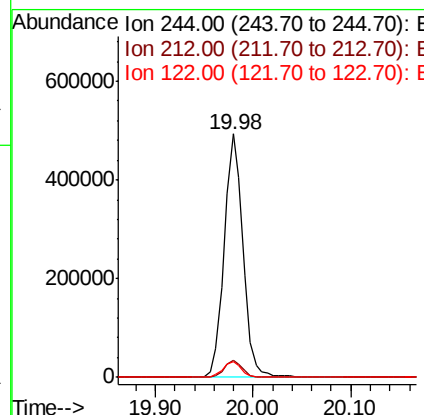
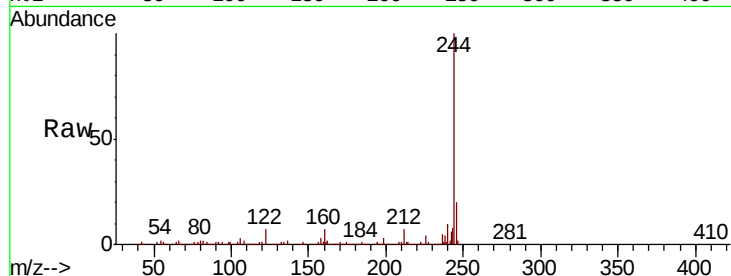
#79
 Terphenyl-d14
 Concen: 60.557 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.6
122	6.6	5.4	8.2

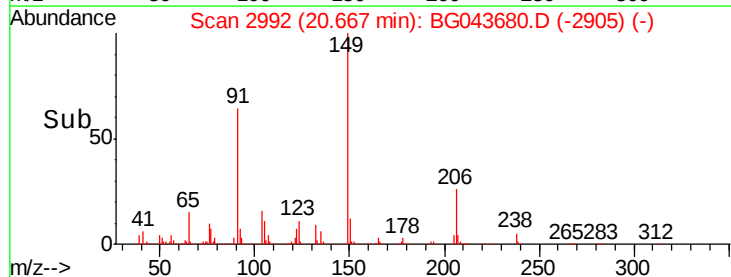
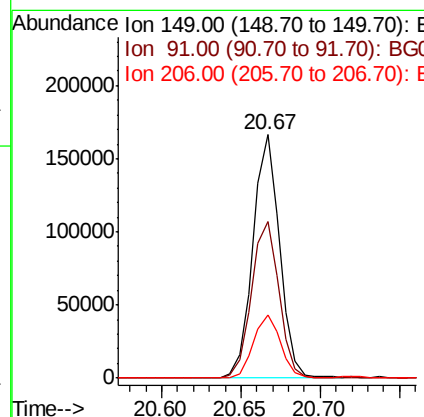
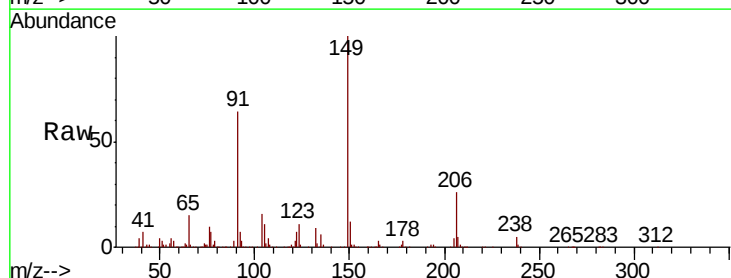
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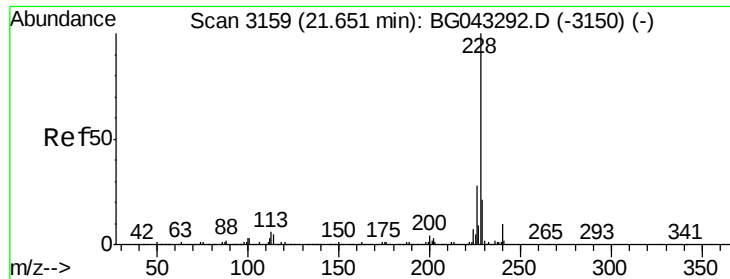
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#80
 Butylbenzylphthalate
 Concen: 40.433 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	64.2	51.2	76.8
206	26.2	22.5	33.7





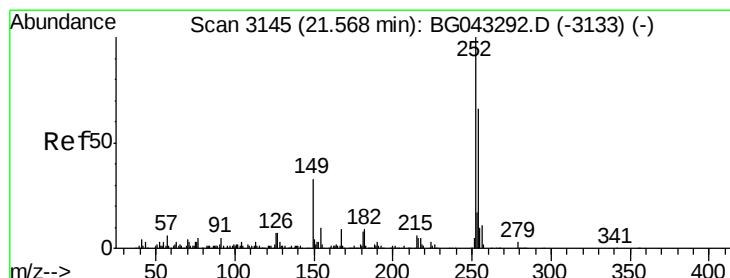
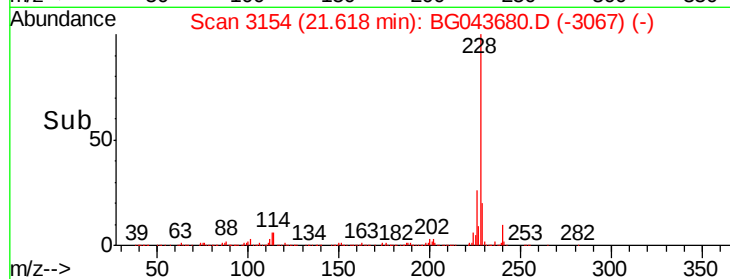
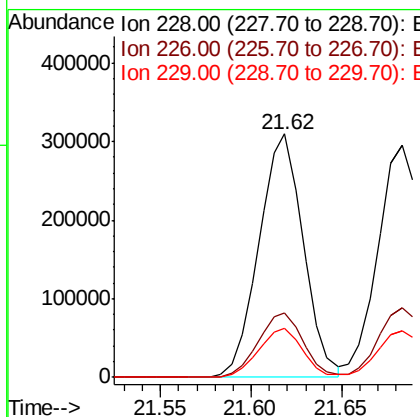
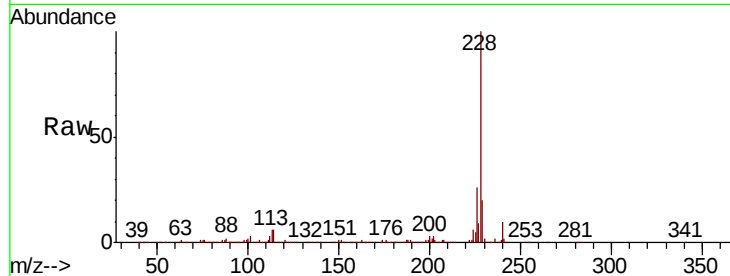
#81
Benzo(a)anthracene
Concen: 41.141 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.9	17.0	25.4

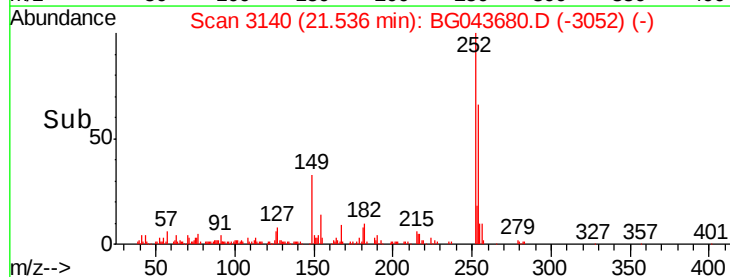
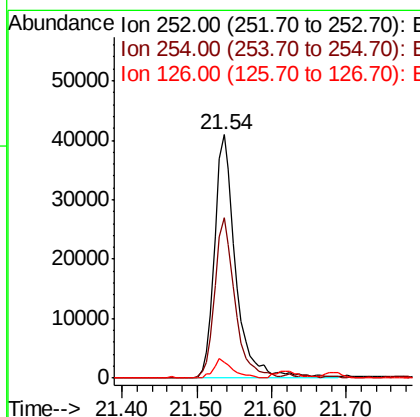
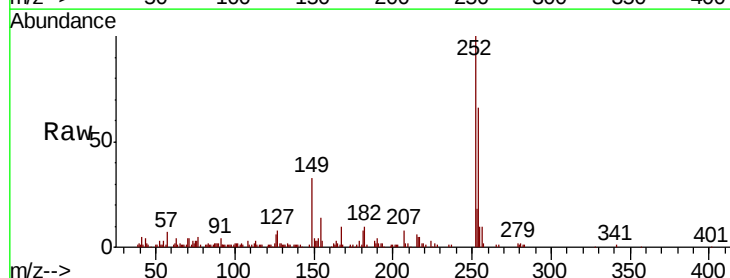
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#82
3,3'-Dichlorobenzidine
Concen: 16.232 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.8	76.2
126	6.3	6.1	9.1





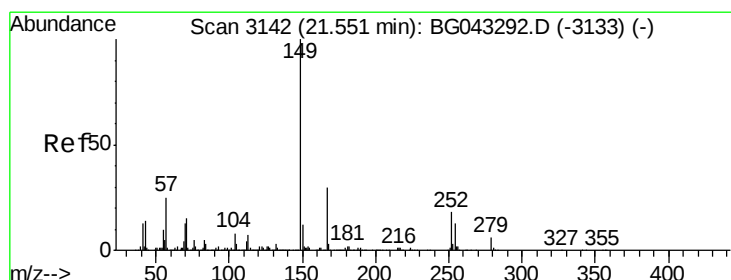
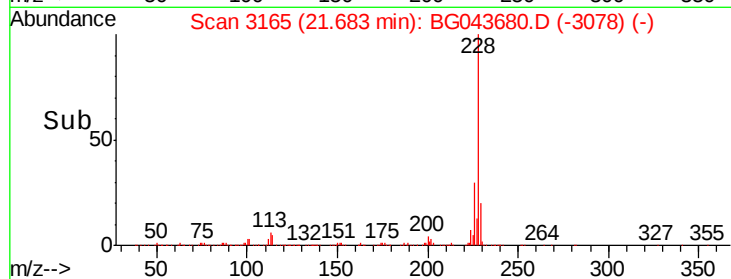
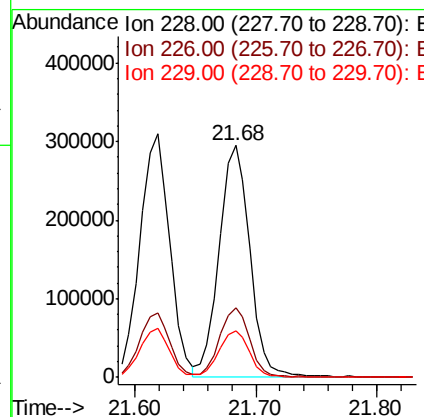
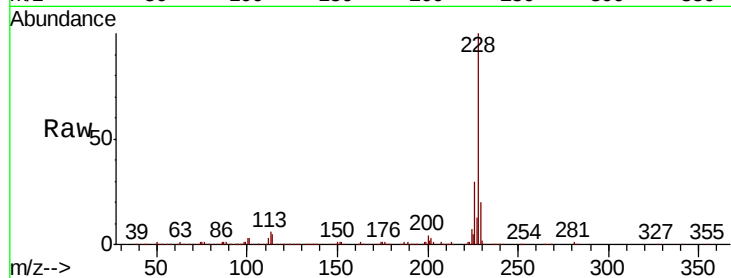
#83
 Chrvsene
 Concen: 40.374 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Instrument :
 BNA_G
 ClientSampleId :
 8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	19.9	17.0	25.4

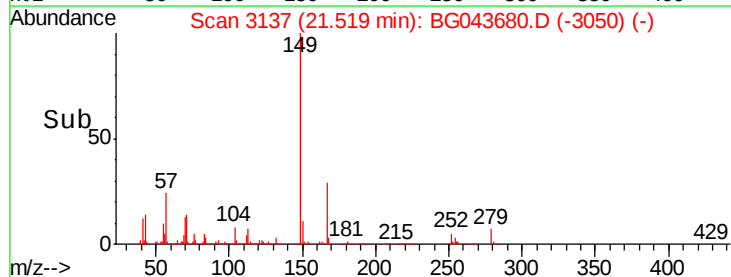
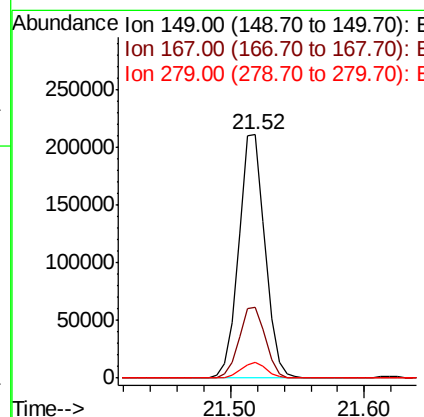
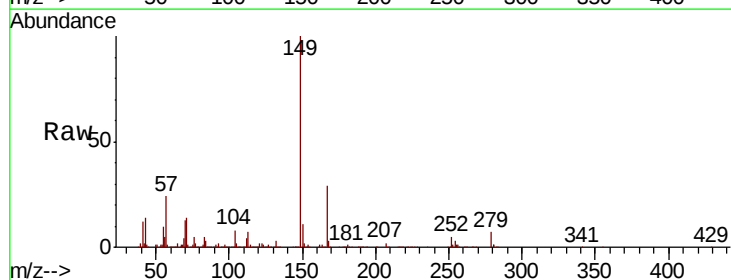
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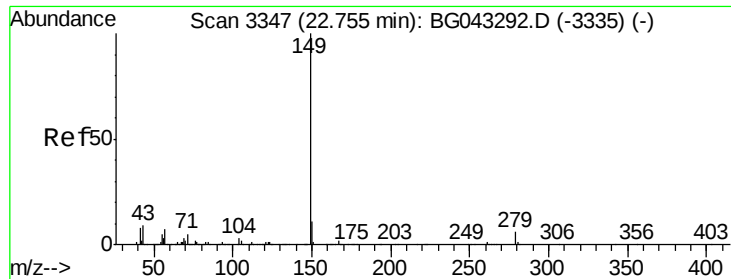
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.359 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG043680.D
 Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	6.5	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 42.418 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

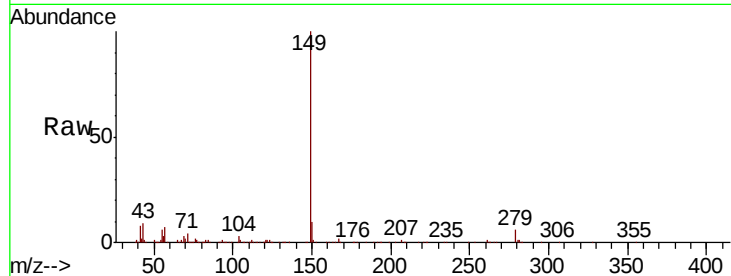
ClientSampleId :

8-(10-12)MSD

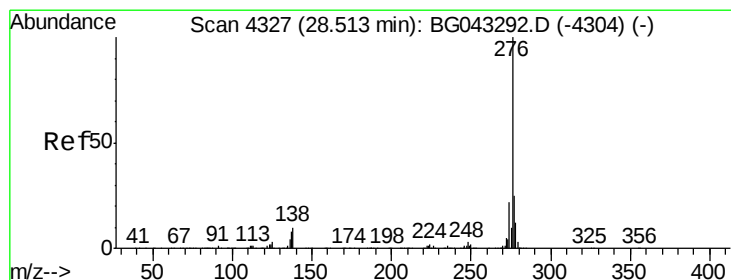
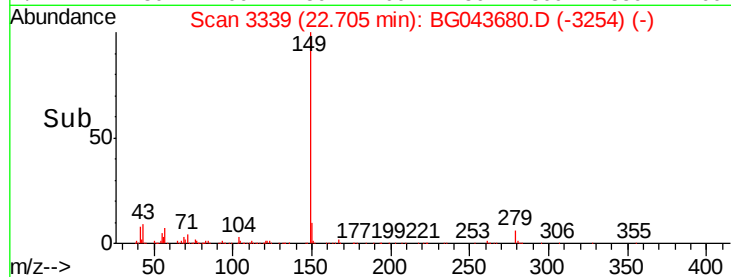
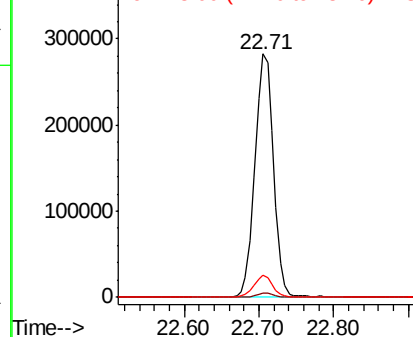
Tot Ion:	149	Resp:	490052
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.6	7.0	10.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.798 ng

RT: 28.44 min Scan# 4315

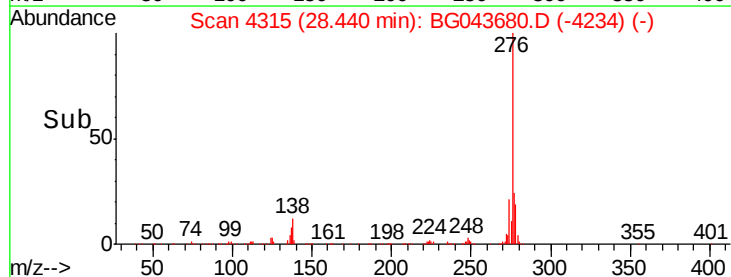
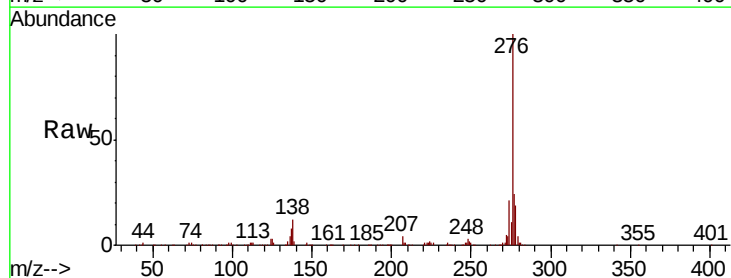
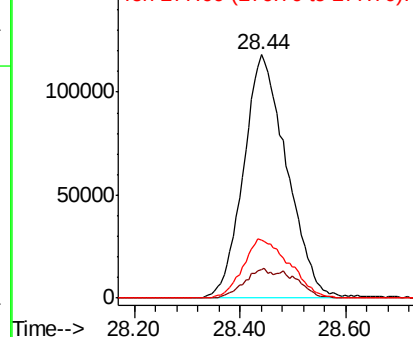
Delta R.T. -0.06 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	276	Resp:	667493
Ion Ratio	Lower	Upper	
276	100		
138	7.9	6.8	10.2
277	26.1	20.9	31.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





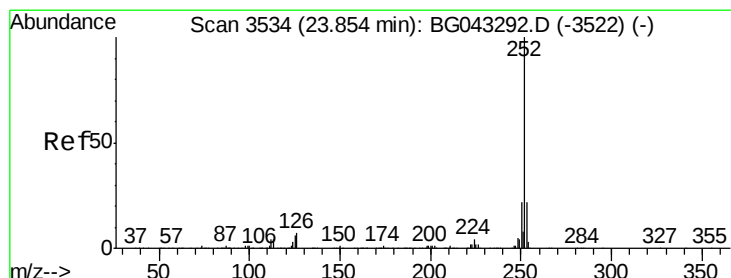
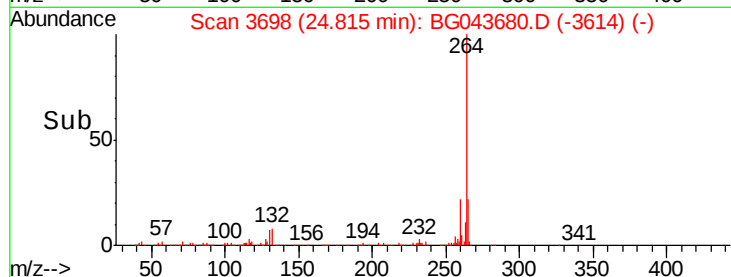
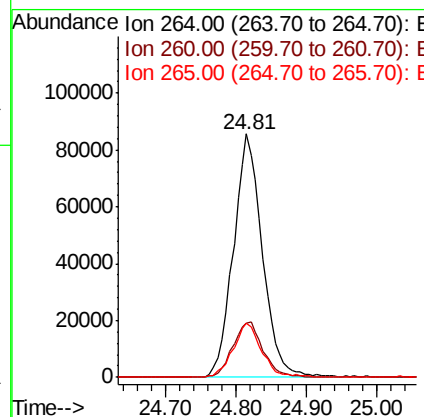
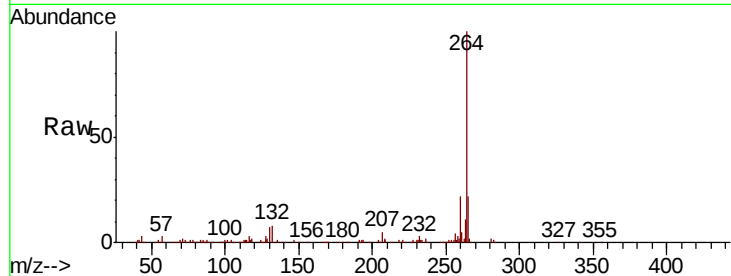
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	22.2	17.4	26.0

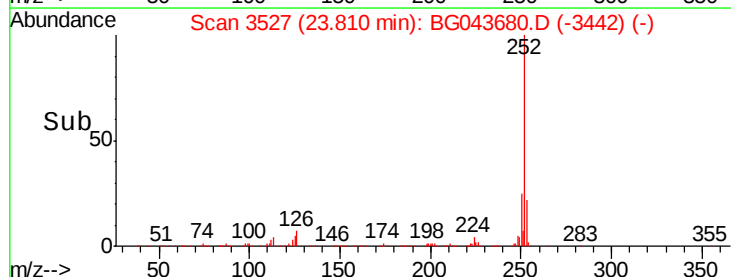
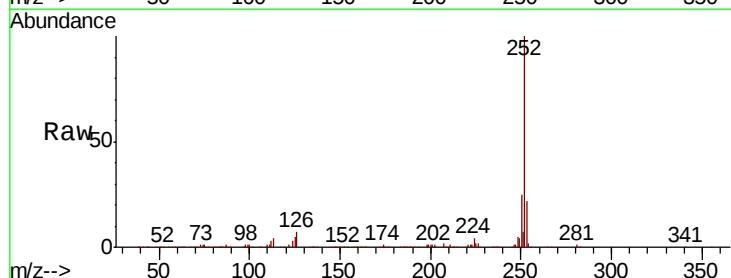
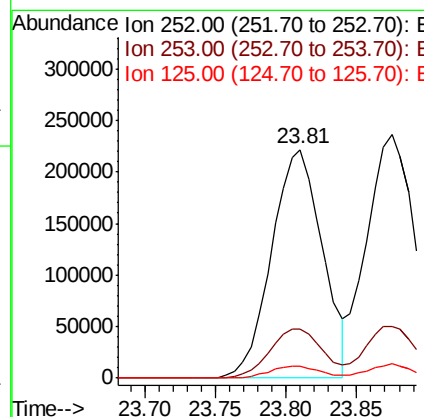
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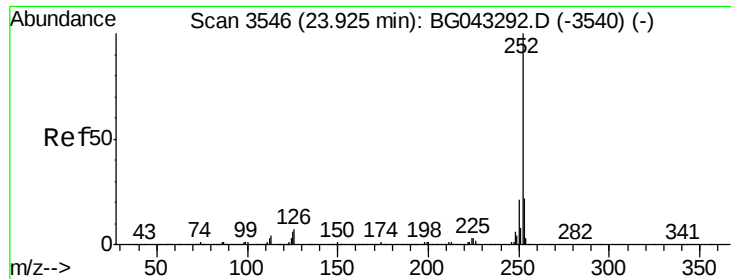
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#88
Benzo(b)fluoranthene
Concen: 40.482 ng
RT: 23.81 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	5.3	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 41.449 ng

RT: 23.87 min Scan# 3538

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Instrument :

BNA_G

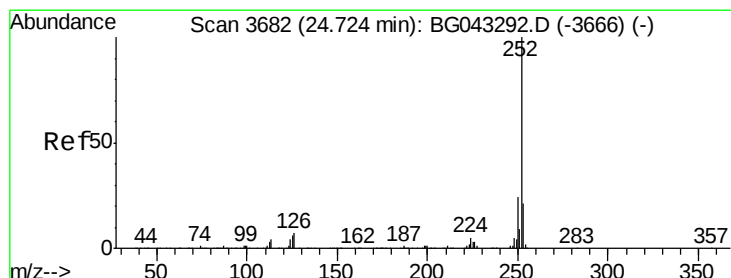
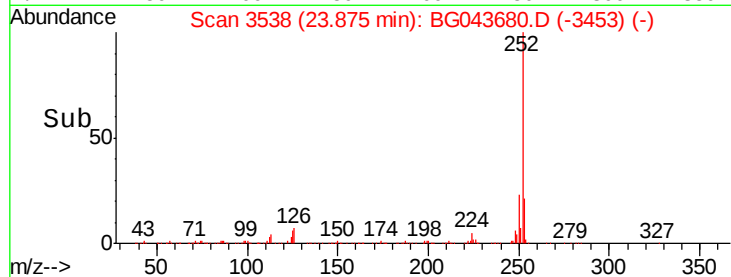
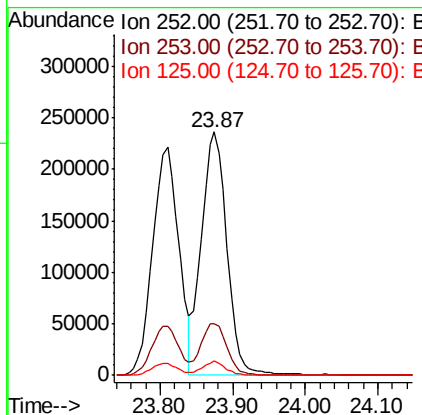
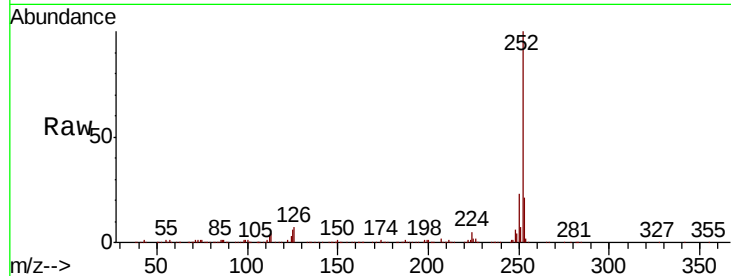
ClientSampleId :

8-(10-12)MSD

Tot Ion:	252	Resp:	574055
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.3	25.9
125	6.0	4.6	6.8

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#90

Benzo(a)pyrene

Concen: 40.052 ng

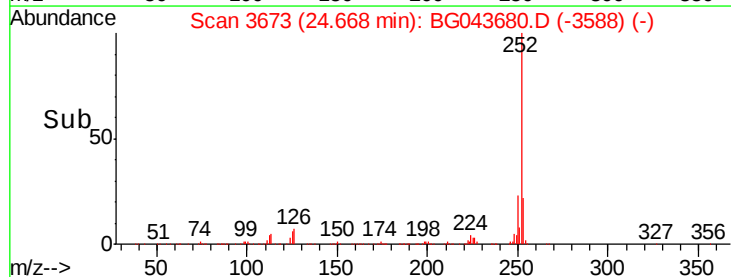
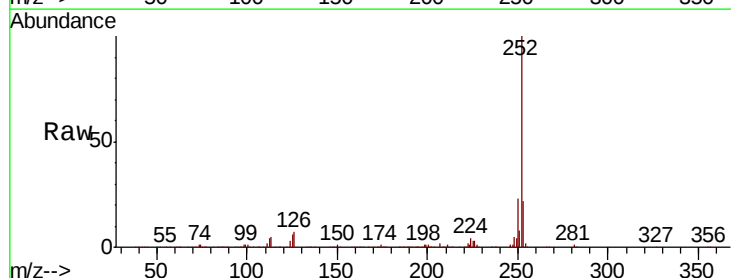
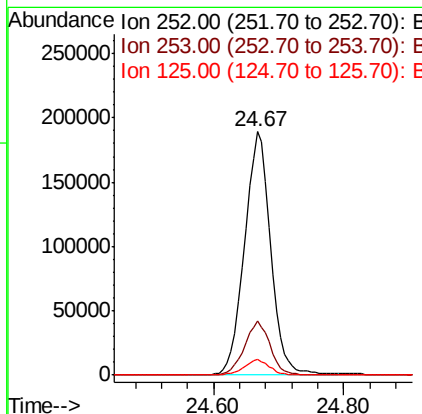
RT: 24.67 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG043680.D

Acq: 18 Nov 2019 19:34

Tgt Ion:	252	Resp:	526178
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	6.5	5.4	8.2





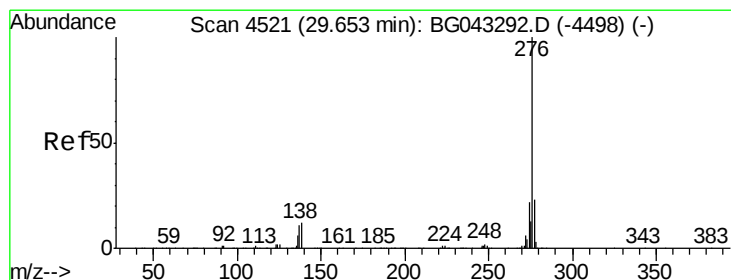
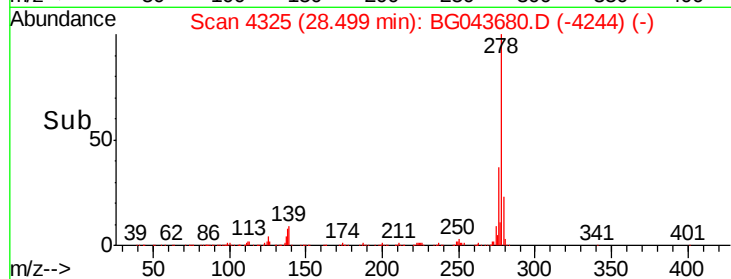
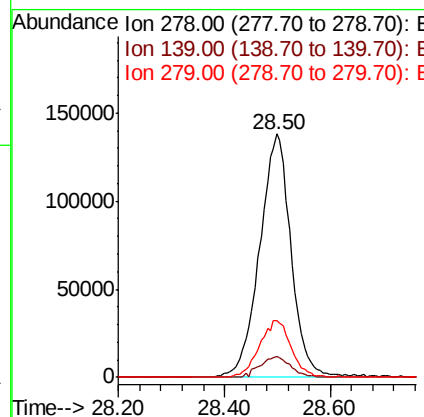
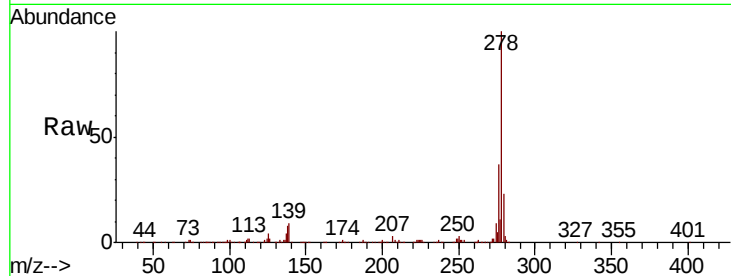
#91
Dibenzo(a,h)anthracene
Concen: 42.289 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.06 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Instrument :
BNA_G
ClientSampleId :
8-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	23.5	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 42.832 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.05 min
Lab File: BG043680.D
Acq: 18 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	10.7	8.9	13.3

