

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043623.D
 Acq On : 13 Nov 2019 21:56
 Operator : JU
 Sample : PB124754BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BSD

Manual Integrations
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mohammad
 11/14/2019 2:08:06 PM

Quant Time: Nov 14 03:27:40 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	8.00	152	35576	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	139267	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	100173	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	233458	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	277868	20.00	ng	-0.02
87) Perylene-d12	24.82	264	314866	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	147041	75.74	ng	0.00
7) Phenol-d6	7.20	99	200002	71.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	184403	68.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	121139	63.55	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	505476	69.73	ng	-0.02
79) Terphenyl-d14	19.98	244	959217	64.76	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	27170	35.912	ng	98
3) Pyridine	3.85	79	64927	34.020	ng	98
4) n-Nitrosodimethylamine	3.77	42	40450	42.003	ng	89
6) Aniline	7.33	93	105351	32.740	ng	97
8) 2-Chlorophenol	7.58	128	93842	43.787	ng	94
9) Benzaldehyde	7.14	77	46229	33.676	ng	95
10) Phenol	7.23	94	113804	44.586	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	72516	36.746	ng	96
12) 1,3-Dichlorobenzene	7.88	146	98170	36.560	ng	96
13) 1,4-Dichlorobenzene	8.03	146	101826	37.481	ng	98
14) 1,2-Dichlorobenzene	8.35	146	95806	36.118	ng	98
15) Benzyl Alcohol	8.25	79	83983	42.811	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	106685	37.179	ng	97
17) 2-Methylphenol	8.47	107	80831	43.440	ng	95
18) Hexachloroethane	9.08	117	35834	36.559	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	65488	36.282	ng	91
20) 3+4-Methylphenols	8.80	107	104164m	40.823	ng	
22) Acetophenone	8.82	105	133463	37.421	ng	# 94
24) Nitrobenzene	9.20	77	102786	39.943	ng	# 96
25) Isophorone	9.72	82	187300	37.924	ng	98
26) 2-Nitrophenol	9.92	139	53291	42.895	ng	# 91
27) 2,4-Dimethylphenol	9.99	122	92445	51.917	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	105696	38.776	ng	95
29) 2,4-Dichlorophenol	10.47	162	101608	44.536	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	109040	37.920	ng	99
31) Naphthalene	10.85	128	281472	39.817	ng	98
32) Benzoic acid	10.19	122	46588	36.854	ng	95
33) 4-Chloroaniline	10.98	127	75817	26.164	ng	98
34) Hexachlorobutadiene	11.13	225	76530	36.003	ng	95
35) Caprolactam	11.74	113	30075m	38.275	ng	
36) 4-Chloro-3-methylphenol	12.12	107	105938	42.569	ng	97
37) 2-Methylnaphthalene	12.46	142	215537	39.738	ng	99
38) 1-Methylnaphthalene	12.67	142	203260	39.385	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	139884	37.732	ng	99

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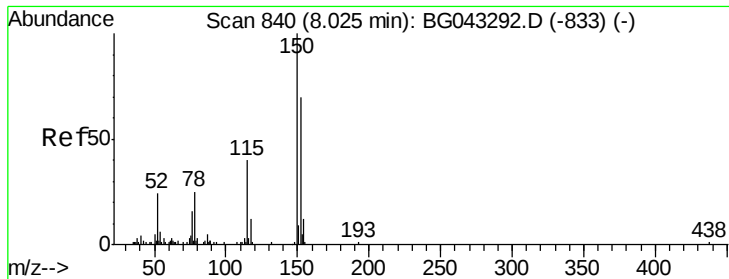
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	136097	69.885	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	88423	40.501	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	93406	42.319	nq	93
46) 1,1'-Biphenyl	13.46	154	287880	37.776	nq	99
47) 2-Chloronaphthalene	13.51	162	225386	38.871	nq	98
48) 2-Nitroaniline	13.72	65	68787	39.693	nq	94
49) Acenaphthylene	14.35	152	373001	41.333	nq	100
50) Dimethylphthalate	14.08	163	290698	37.465	nq	99
51) 2,6-Dinitrotoluene	14.21	165	68418	40.589	nq	95
52) Acenaphthene	14.69	154	217261	39.479	nq	93
53) 3-Nitroaniline	14.55	138	47474	29.171	nq	# 99
54) 2,4-Dinitrophenol	14.75	184	65807	64.110	nq	97
55) Dibenzofuran	15.03	168	359139	40.242	nq	98
56) 4-Nitrophenol	14.89	139	92189	84.530	nq	94
57) 2,4-Dinitrotoluene	14.99	165	98251	40.785	nq	96
58) Fluorene	15.68	166	303786	40.585	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	93740	39.973	nq	98
60) Diethylphthalate	15.45	149	293478	37.644	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	170515	39.050	nq	96
62) 4-Nitroaniline	15.72	138	65254	38.824	nq	91
63) Azobenzene	15.96	77	247612	39.244	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	57102	41.562	nq	96
66) n-Nitrosodiphenylamine	15.88	169	267787	40.628	nq	97
67) 4-Bromophenyl-phenylether	16.56	248	121208	38.579	nq	97
68) Hexachlorobenzene	16.69	284	133930	37.137	nq	96
69) Atrazine	16.83	200	100934	44.071	nq	95
70) Pentachlorophenol	17.04	266	114765	69.838	nq	95
71) Phenanthrene	17.42	178	479700	40.126	nq	99
72) Anthracene	17.51	178	491908	41.126	nq	98
73) Carbazole	17.78	167	455451	42.048	nq	100
74) Di-n-butylphthalate	18.33	149	524846	39.935	nq	98
75) Fluoranthene	19.43	202	652667	41.877	nq	99
77) Benzidine	19.61	184	270070	48.294	nq	99
78) Pyrene	19.79	202	658198	38.268	nq	99
80) Butylbenzylphthalate	20.67	149	251231	38.554	nq	96
81) Benzo(a)anthracene	21.62	228	680241	39.082	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	223896	33.258	nq	97
83) Chrysene	21.69	228	672789	38.904	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	367992	39.755	nq	99
85) Di-n-octyl phthalate	22.71	149	636013	40.499	nq	99
86) Indeno(1,2,3-cd)pyrene	28.44	276	882473	40.652	nq	# 98
88) Benzo(b)fluoranthene	23.81	252	758004	42.506	nq	99
89) Benzo(k)fluoranthene	23.88	252	725123	40.391	nq	97
90) Benzo(a)pyrene	24.67	252	727459	42.718	nq	100
91) Dibenzo(a,h)anthracene	28.51	278	745217	42.783	nq	100
92) Benzo(g,h,i)perylene	29.58	276	735127	42.786	nq	98

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



#1

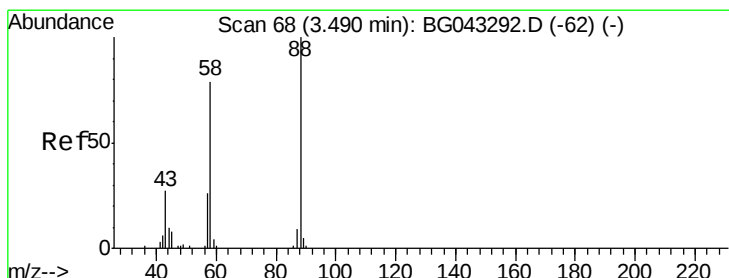
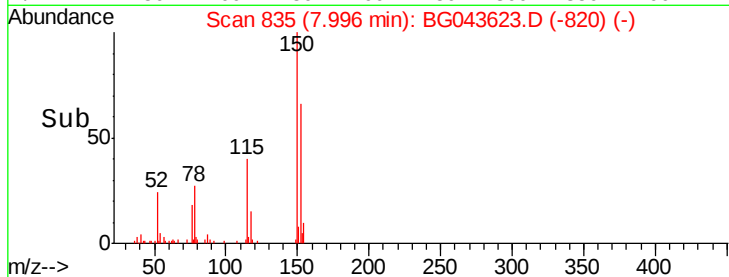
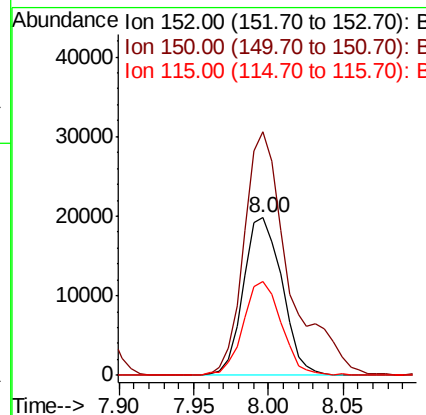
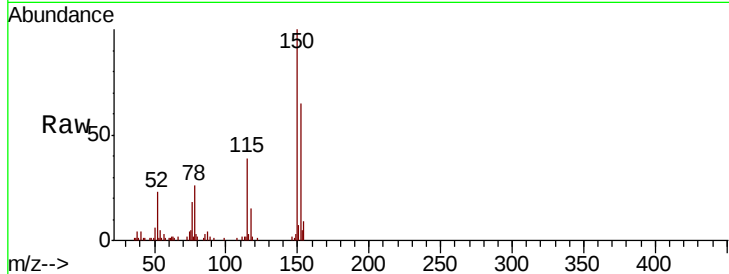
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	129.4	194.0
115	59.9	48.8	73.2

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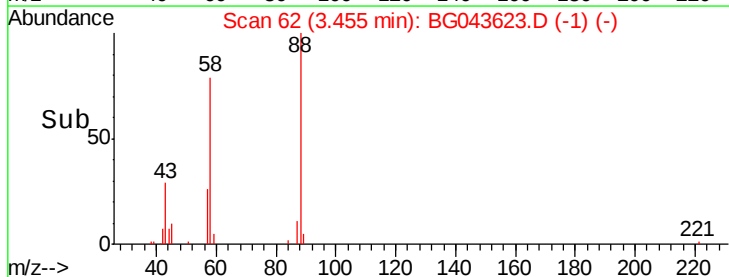
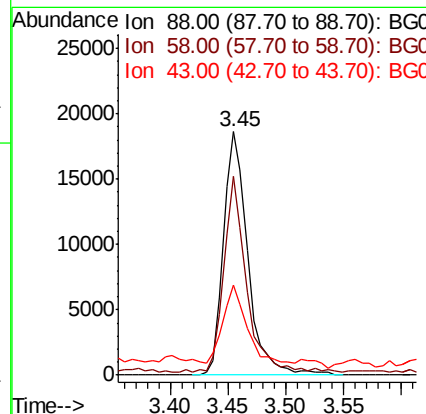
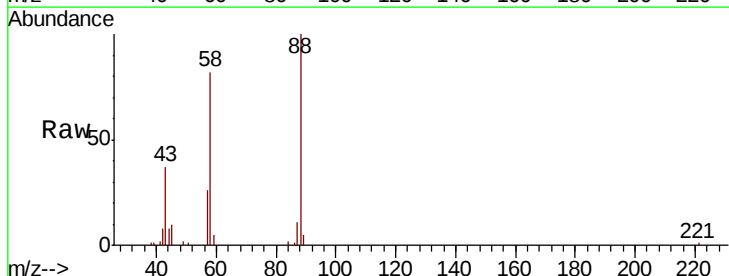
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#2

1,4-Dioxane
Concen: 35.912 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	62.7	94.1
43	30.2	23.7	35.5





#3

Pvridine

Concen: 34.020 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

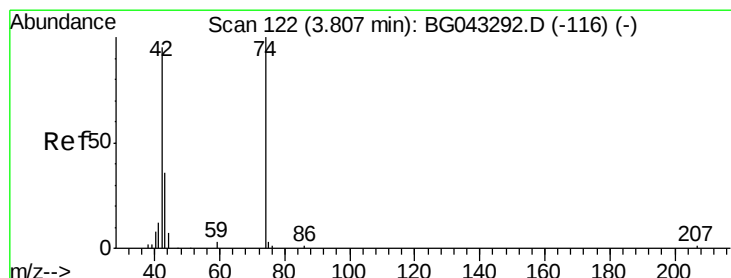
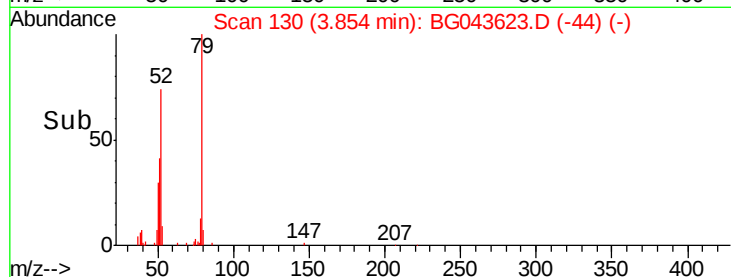
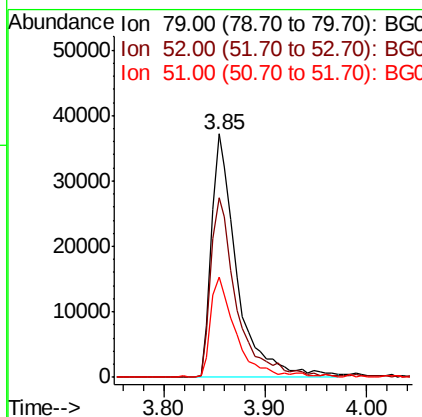
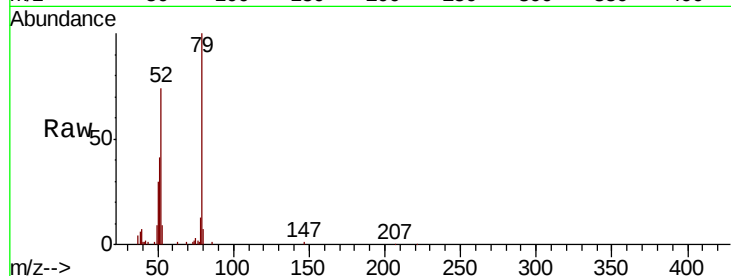
ClientSampleId :

PB124754BSD

Tot Ion:	79	Resp:	64927
Ion Ratio	Lower	Upper	
79	100		
52	73.6	56.5	84.7
51	41.4	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 42.003 ng

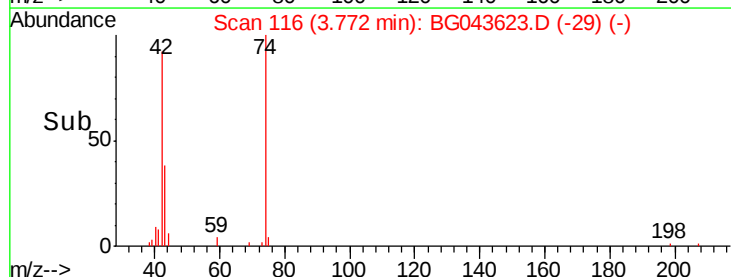
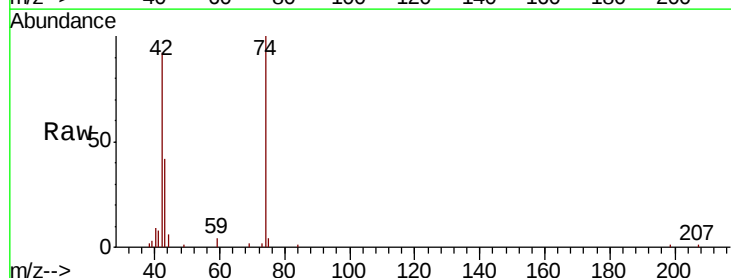
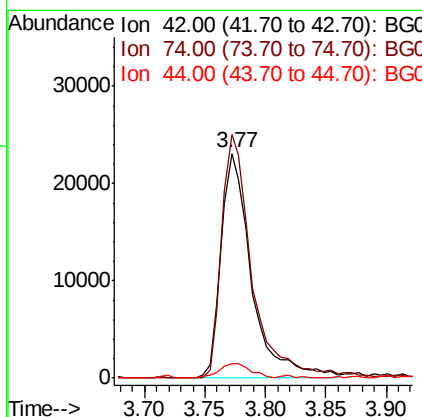
RT: 3.77 min Scan# 116

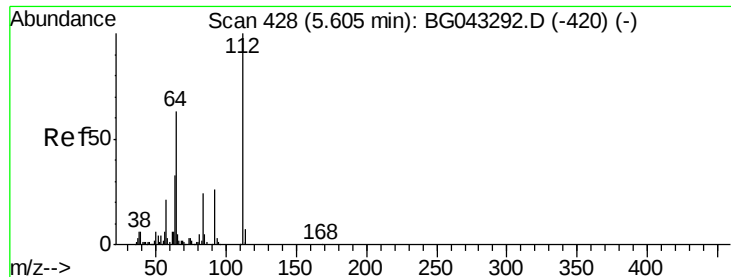
Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	42	Resp:	40450
Ion Ratio	Lower	Upper	
42	100		
74	108.3	97.3	145.9
44	6.6	4.4	6.6





#5

2-Fluorophenol

Concen: 75.738 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

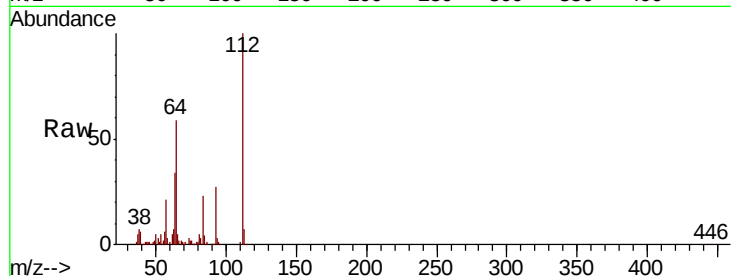
ClientSampleId :

PB124754BSD

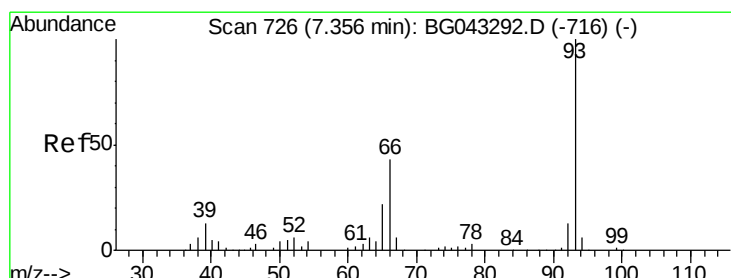
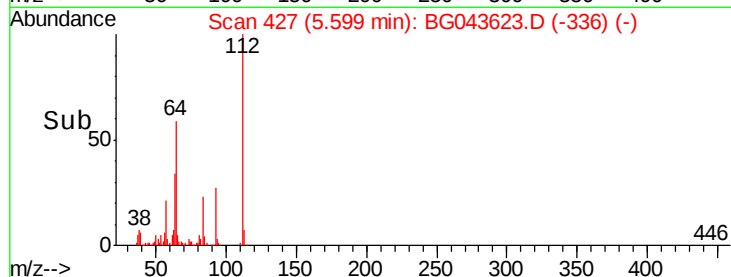
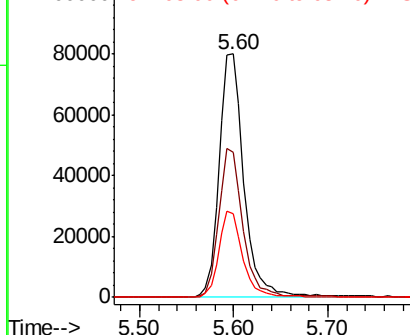
Tot Ion:	112	Resp:	147041
Ion Ratio	Lower	Upper	
112	100		
64	59.4	50.0	75.0
63	34.2	26.6	40.0

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



#6

Aniline

Concen: 32.740 ng

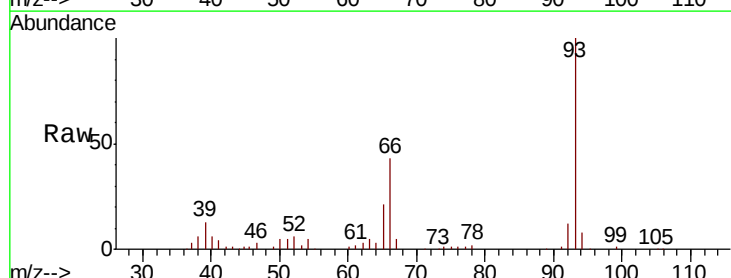
RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

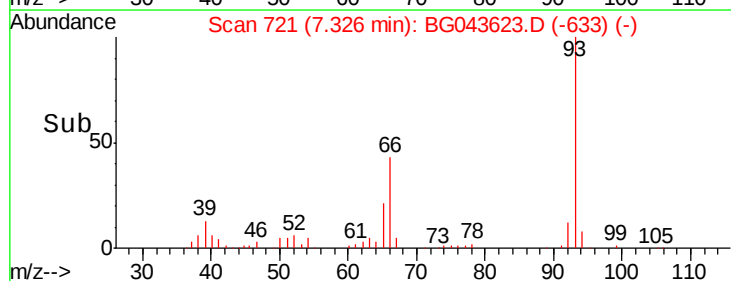
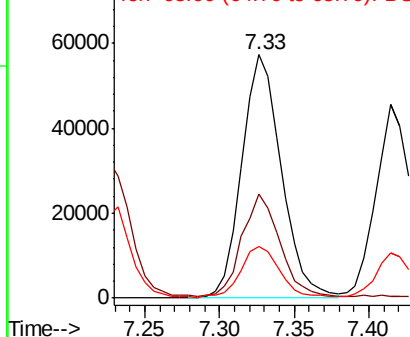
Lab File: BG043623.D

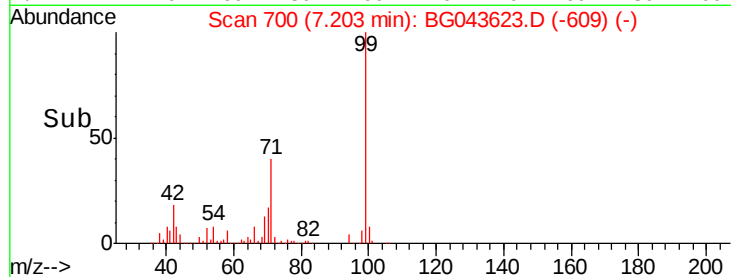
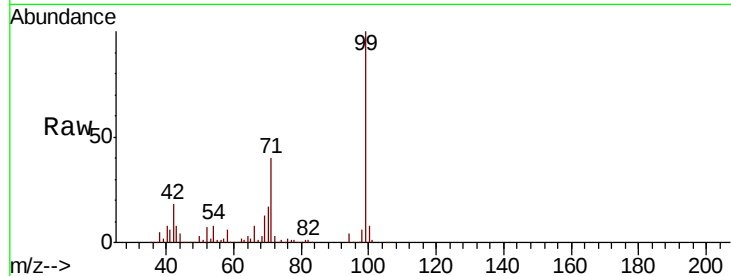
Acq: 13 Nov 2019 21:56

Tgt Ion:	93	Resp:	105351
Ion Ratio	Lower	Upper	
93	100		
66	42.7	32.3	48.5
65	21.4	16.1	24.1



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





#7

Phenol-d6

Concen: 71.601 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tot Ion	99	Resp	200002
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.6	21.8
71	40.4	32.5	48.7

Instrument :

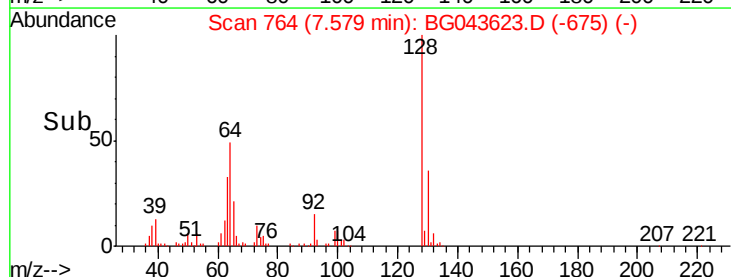
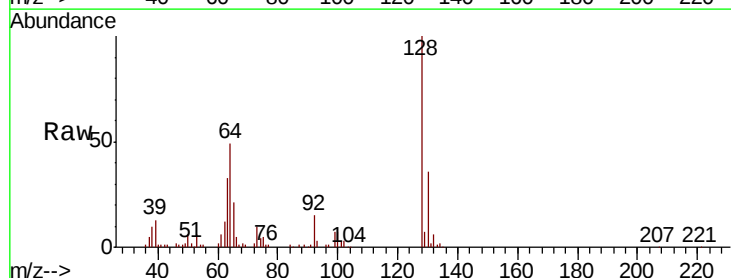
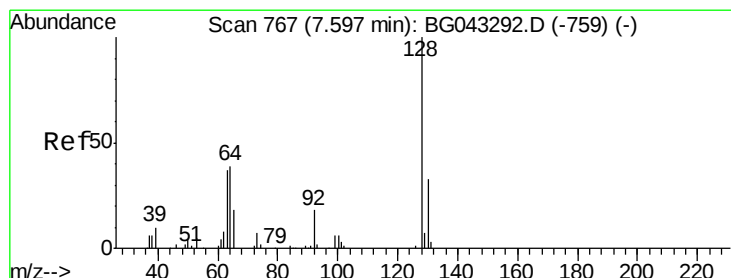
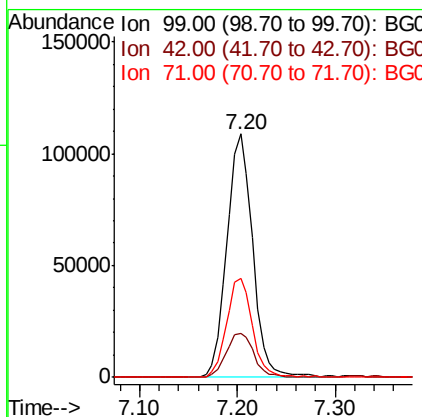
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#8

2-Chlorophenol

Concen: 43.787 ng

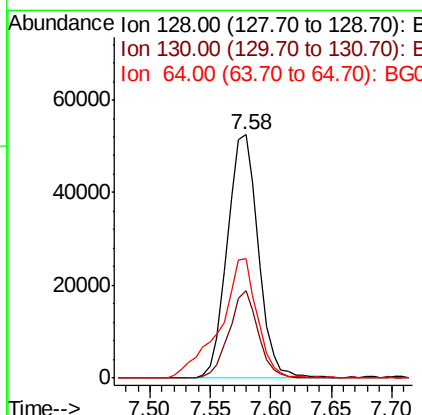
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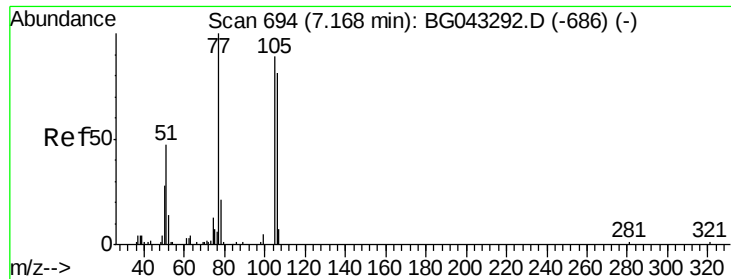
Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion	128	Resp	93842
Ion Ratio	Lower	Upper	
128	100		
130	36.1	12.5	52.5
64	49.1	25.3	65.3





#9

Benzaldehyde

Concen: 33.676 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

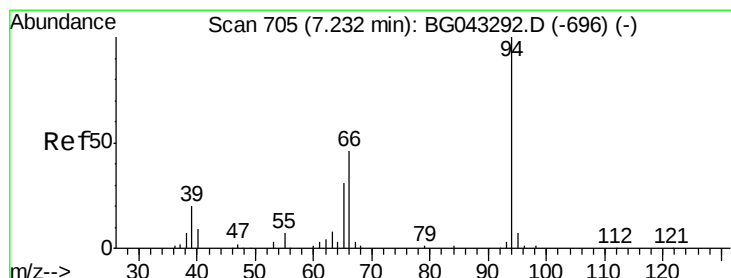
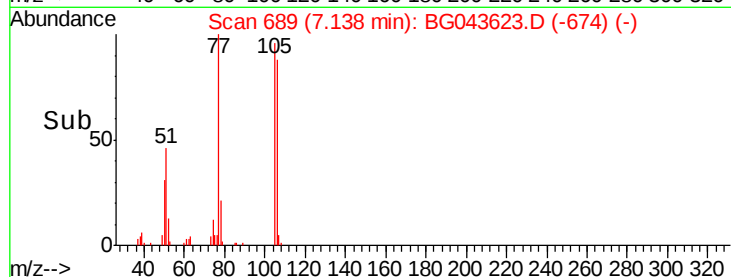
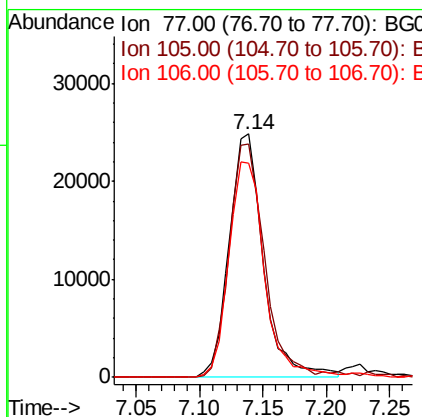
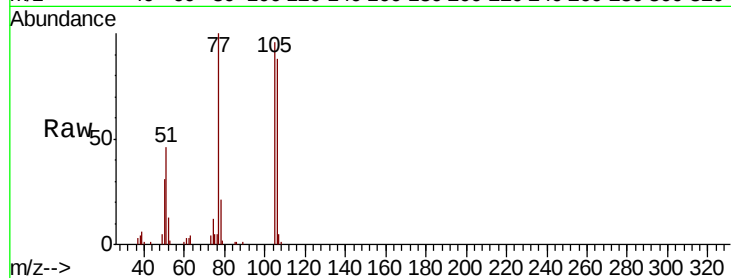
ClientSampleId :

PB124754BSD

Tot Ion:	77	Resp:	46229
Ion	Ratio	Lower	Upper
77	100		
105	95.9	68.6	108.6
106	87.9	69.9	109.9

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#10

Phenol

Concen: 44.586 ng

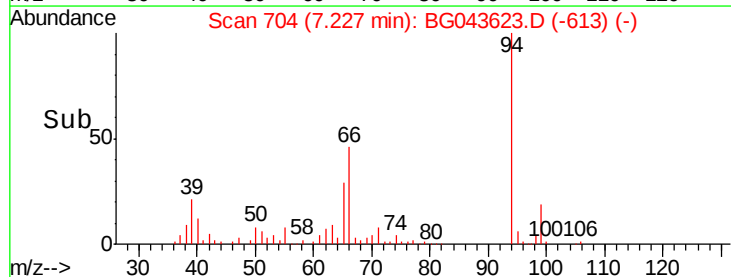
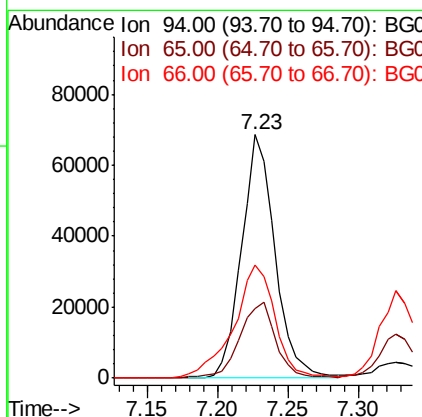
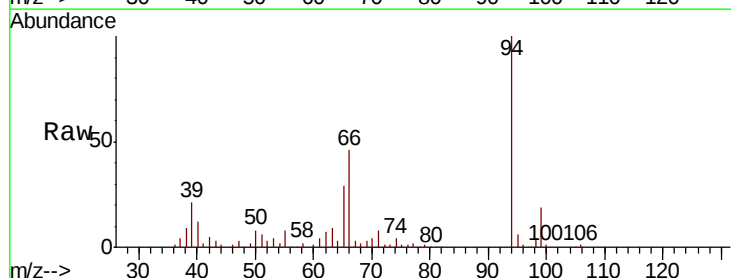
RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043623.D

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Tgt Ion:	94	Resp:	113804
Ion	Ratio	Lower	Upper
94	100		
65	28.6	12.6	52.6
66	46.2	30.7	70.7





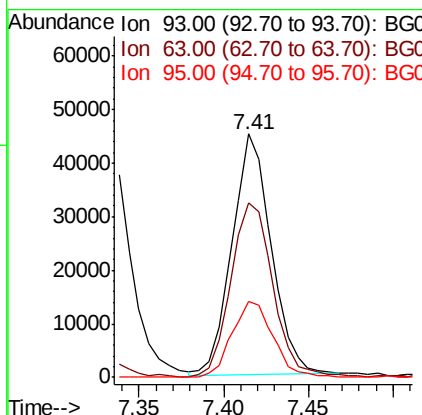
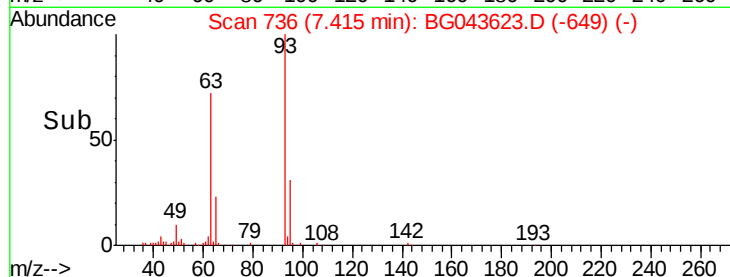
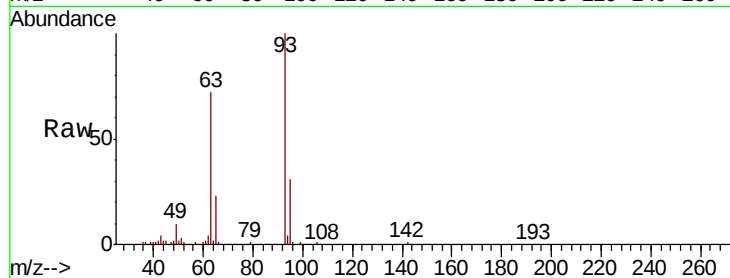
#11
bis(2-Chloroethyl)ether
Concen: 36.746 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	56.3	96.3
95	31.1	12.2	52.2

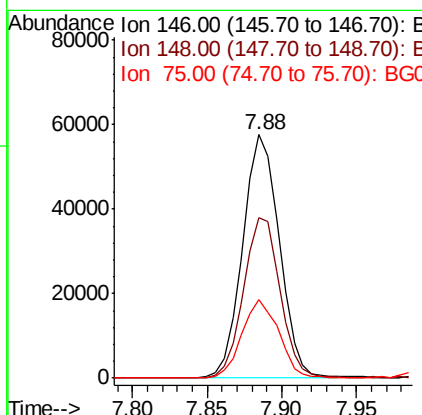
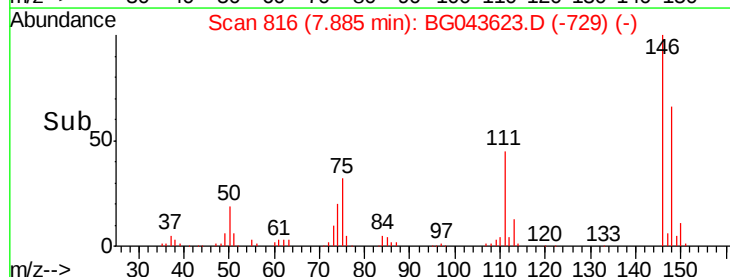
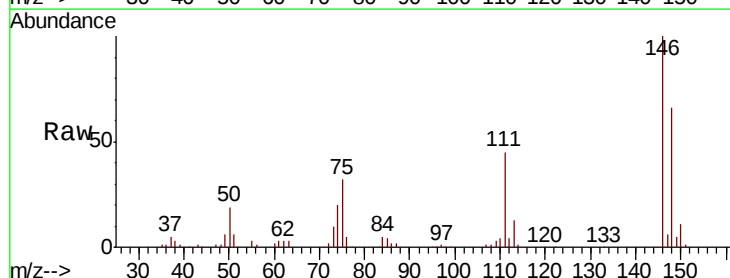
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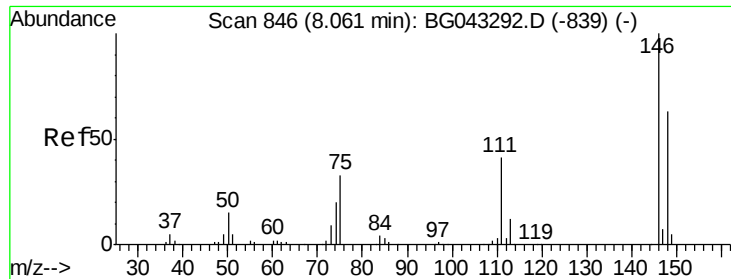
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.560 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.3	75.5
75	32.5	24.6	37.0





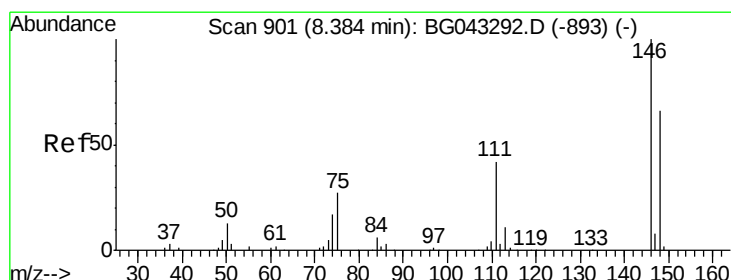
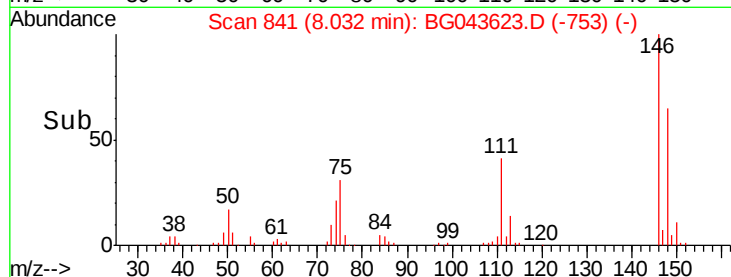
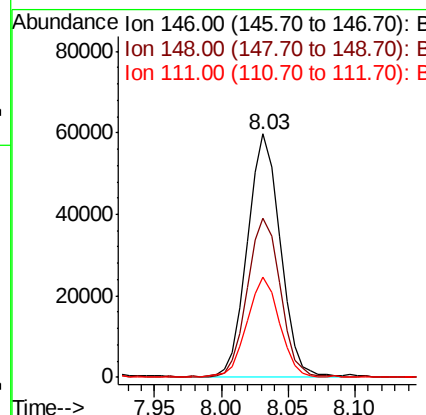
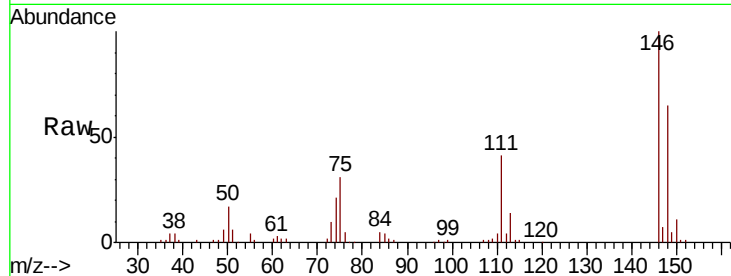
#13
1,4-Dichlorobenzene
Concen: 37.481 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	41.4	33.4	50.2

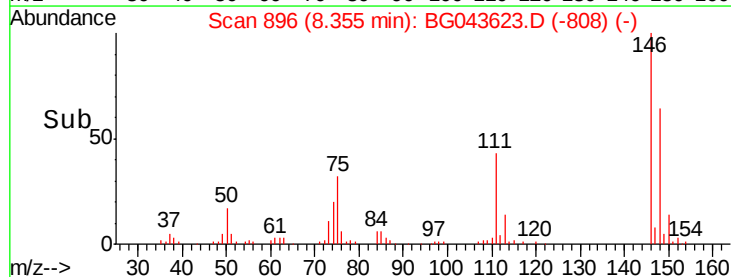
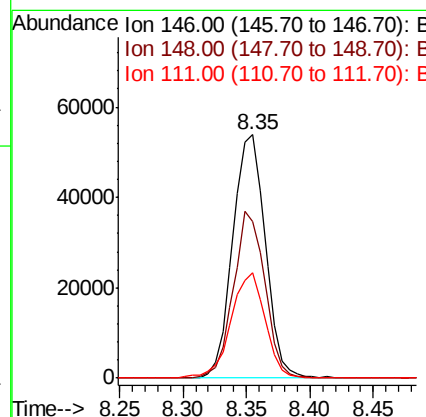
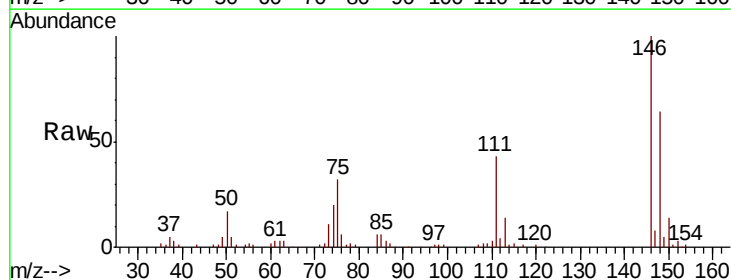
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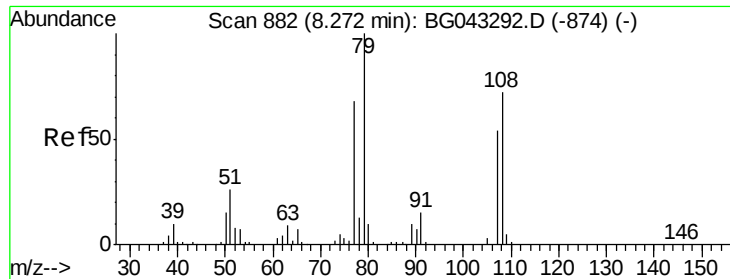
mohammad
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#14
1,2-Dichlorobenzene
Concen: 36.118 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.2	79.8
111	43.1	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.811 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

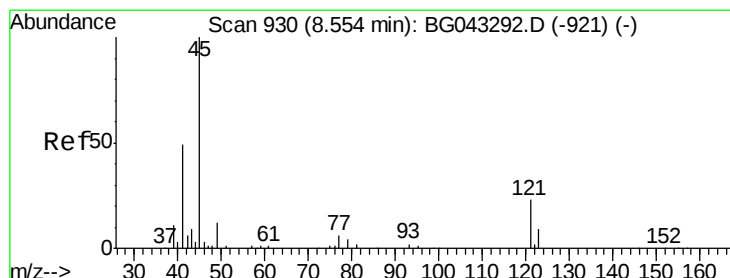
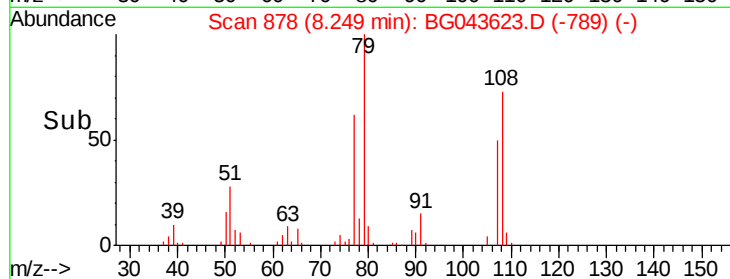
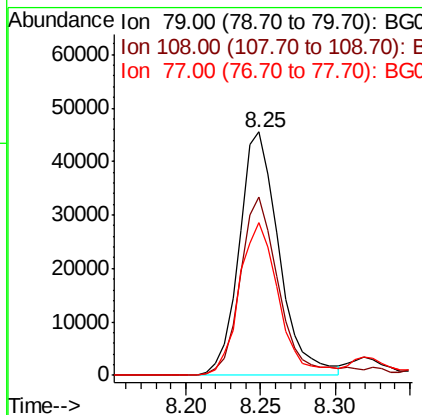
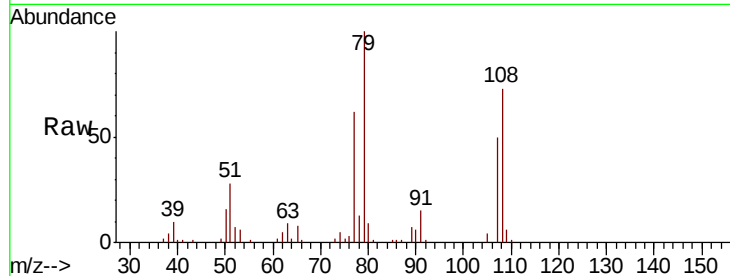
ClientSampleId :

PB124754BSD

Tot Ion:	79	Resp:	83983
Ion Ratio	Lower	Upper	
79	100		
108	73.2	53.6	80.4
77	62.5	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.179 ng

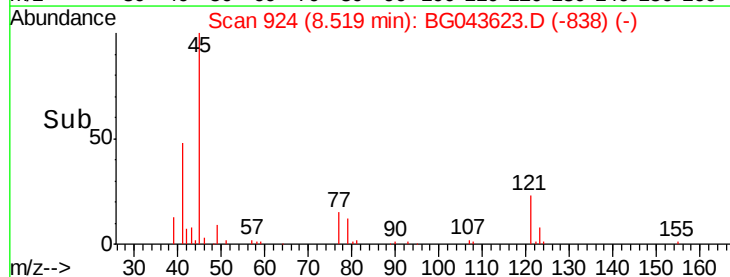
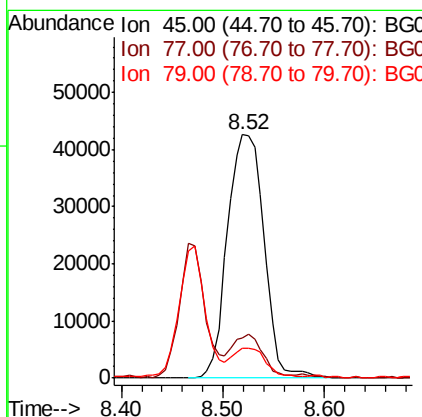
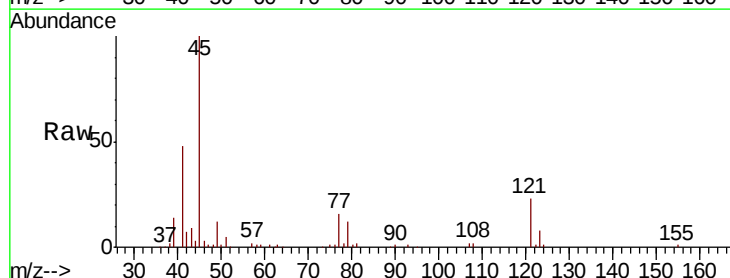
RT: 8.52 min Scan# 924

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	45	Resp:	106685
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	34.9
79	12.3	0.0	33.0





#17

2-Methylphenol

Concen: 43.440 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

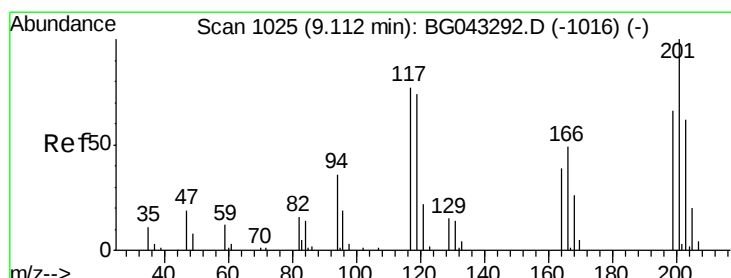
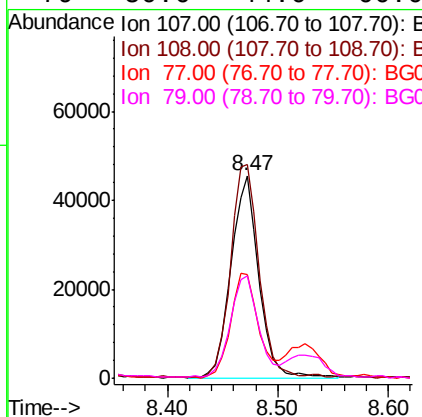
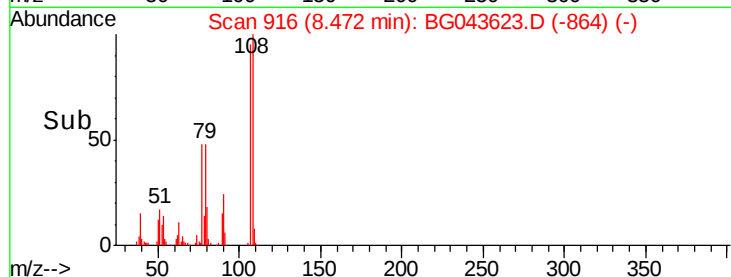
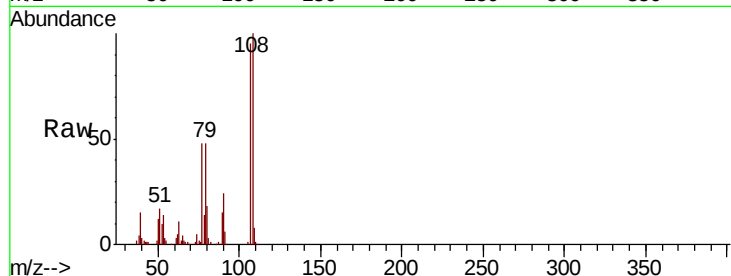
ClientSampleId :

PB124754BSD

Tot Ion:	107	Resp:	80831
Ion Ratio	Lower	Upper	
107	100		
108	105.4	90.2	135.4
77	51.0	40.2	60.2
79	50.6	44.0	66.0

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#18

Hexachloroethane

Concen: 36.559 ng

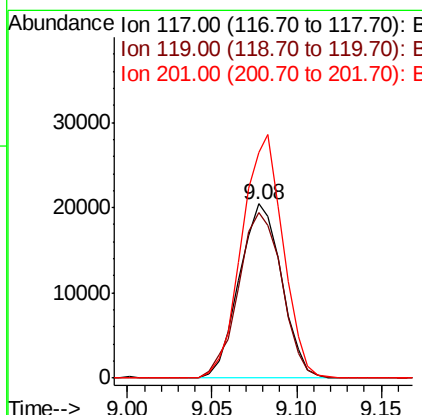
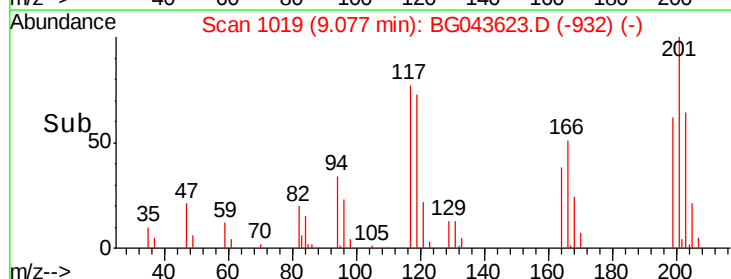
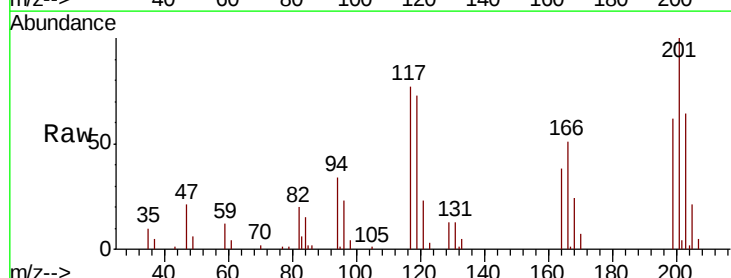
RT: 9.08 min Scan# 1019

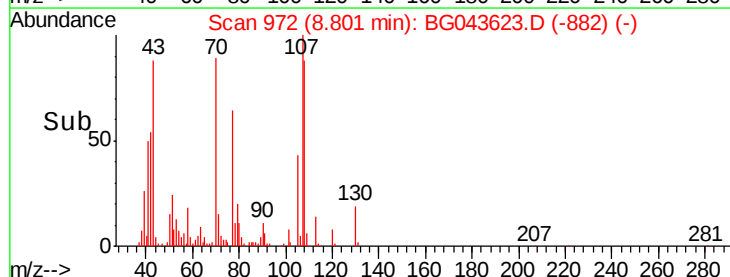
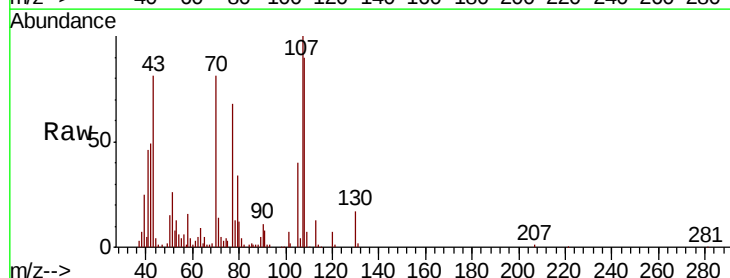
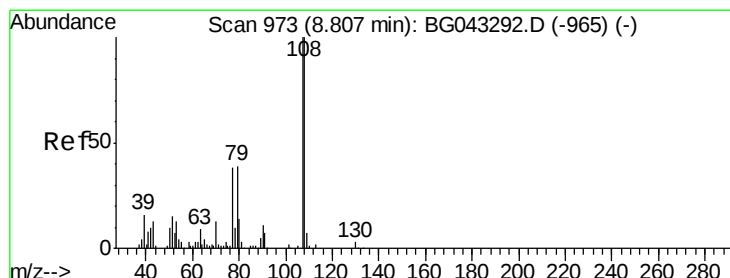
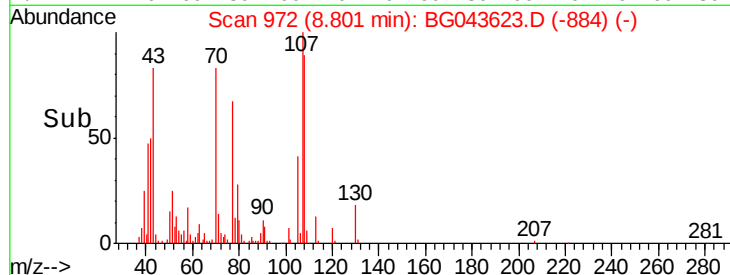
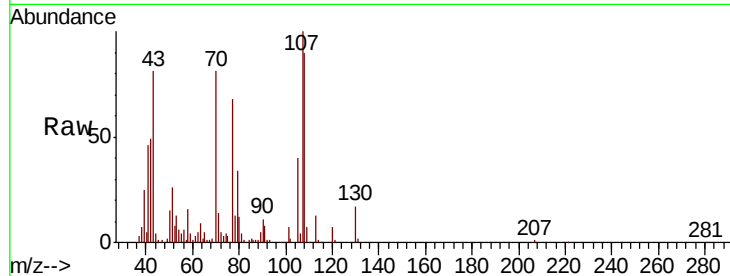
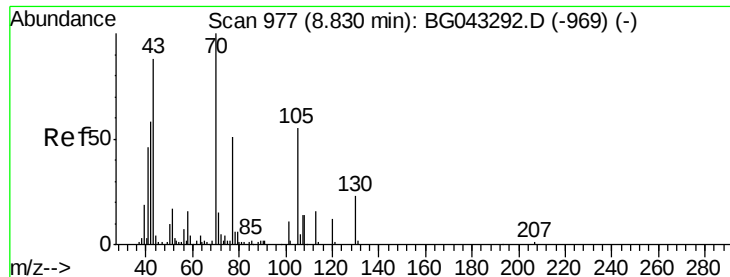
Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

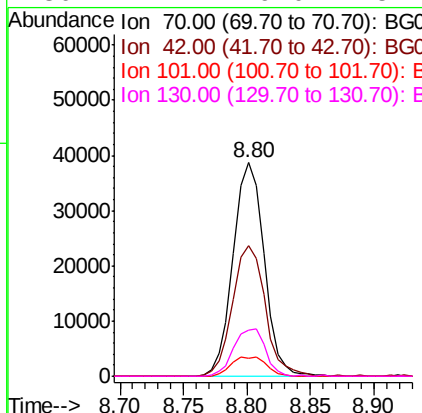
Tgt Ion:	117	Resp:	35834
Ion Ratio	Lower	Upper	
117	100		
119	94.9	79.0	118.4
201	129.5	105.4	158.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.282 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.9	41.4	62.2		
101	8.7	7.9	11.9		
130	21.4	19.0	28.4		



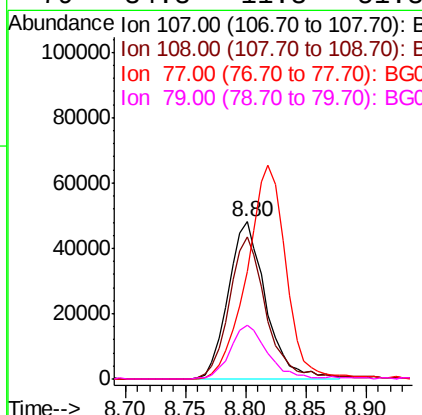
Instrument :
BNA_G
ClientSampleId :
PB124754BSD

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#20
3+4-Methylphenols
Concen: 40.823 ng m
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.3	66.6	106.6		
77	68.5	20.9	60.9#		
79	34.3	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: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

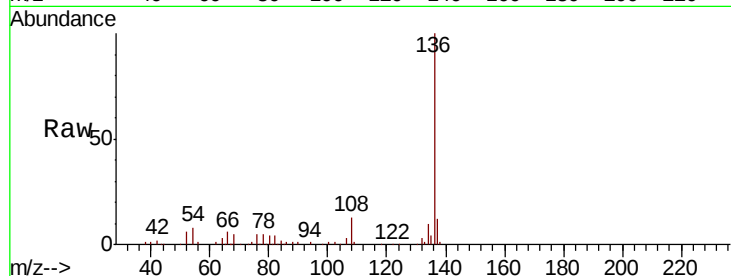
ClientSampleId :

PB124754BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		139267		
137	11.6	8.7	13.1		
54	7.8	5.4	8.2		
68	4.9	3.0	4.4#		

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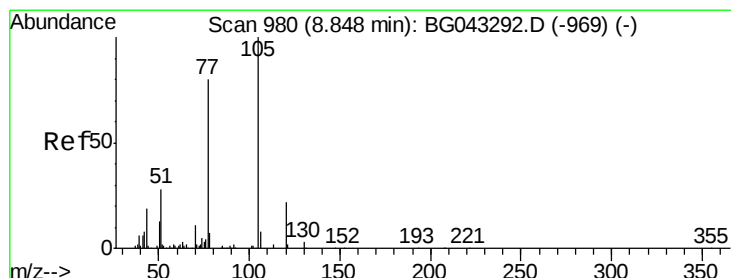
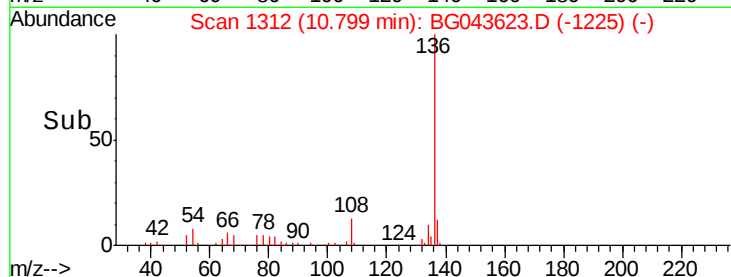
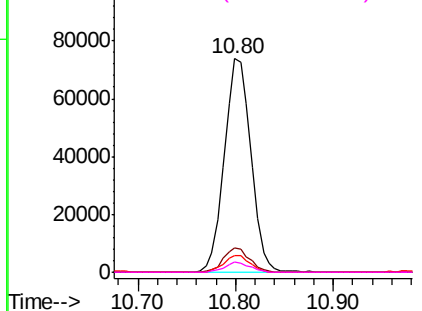
Abundance

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: 37.421 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		133463		
71	2.3	0.8	1.2#		
51	32.2	21.0	31.4#		
120	22.5	18.0	27.0		

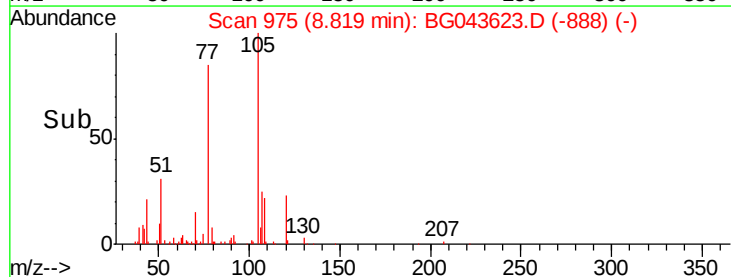
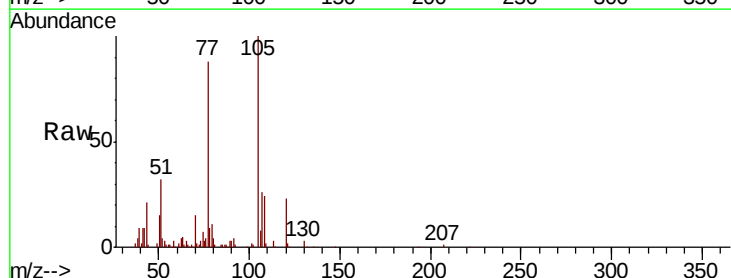
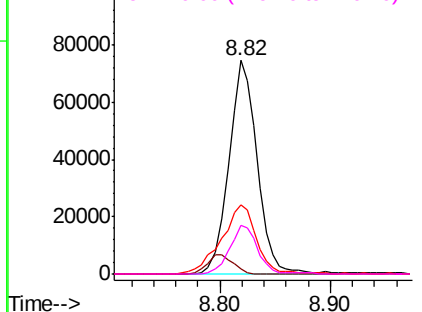
Abundance

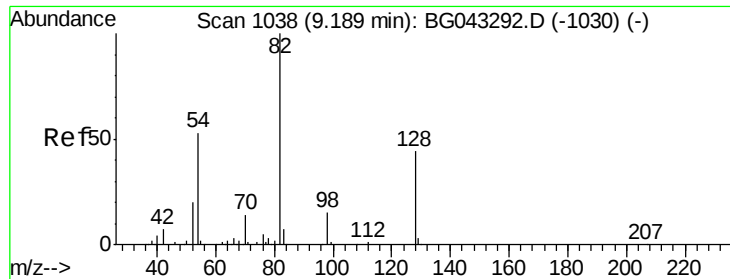
Ion 105.00 (104.70 to 105.70): E

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





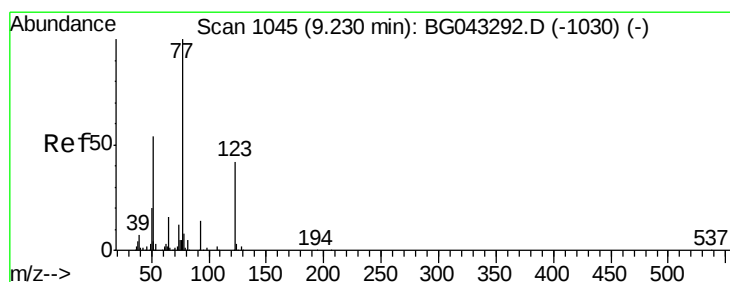
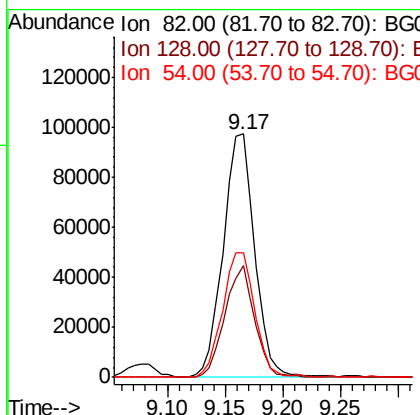
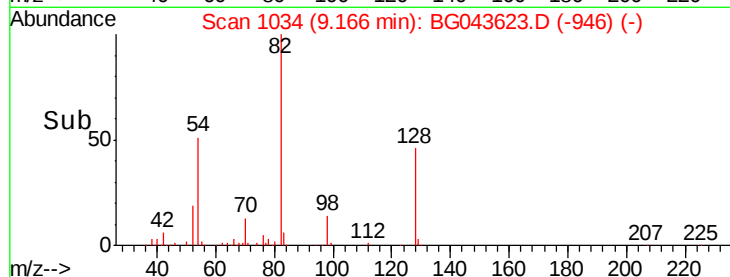
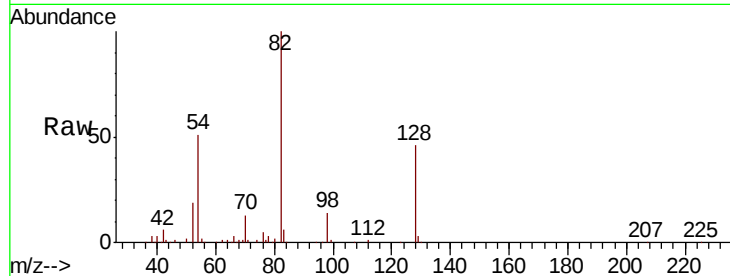
#23
 Nitrobenzene-d5
 Concen: 68.263 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.0	52.6
54	51.3	40.2	60.2

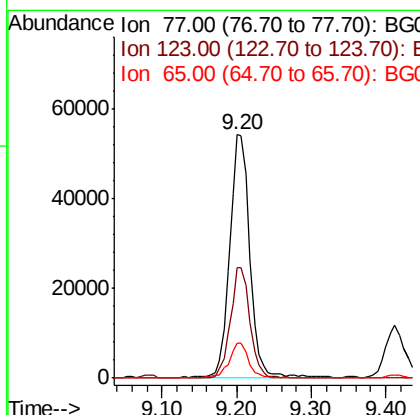
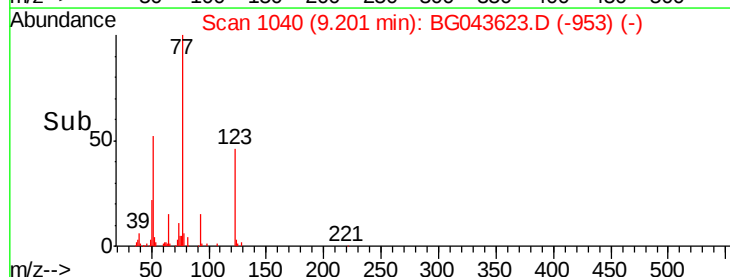
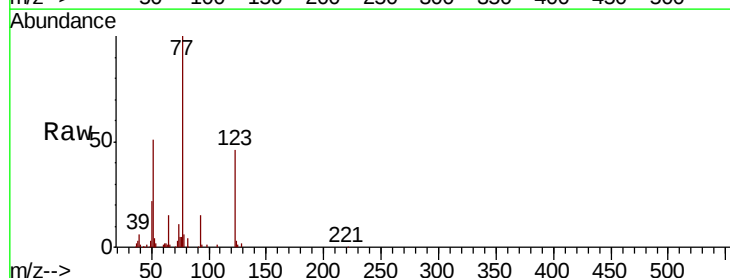
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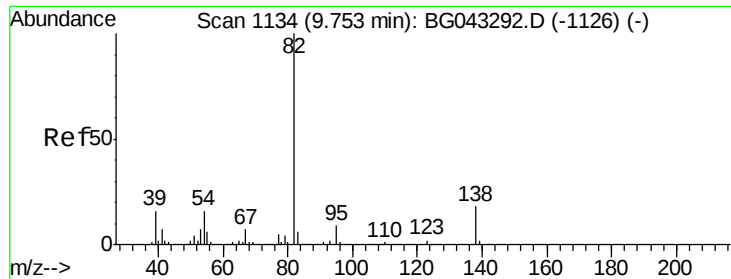
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#24
 Nitrobenzene
 Concen: 39.943 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.0	52.6
65	14.6	9.5	14.3#





#25

Isophorone

Concen: 37.924 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

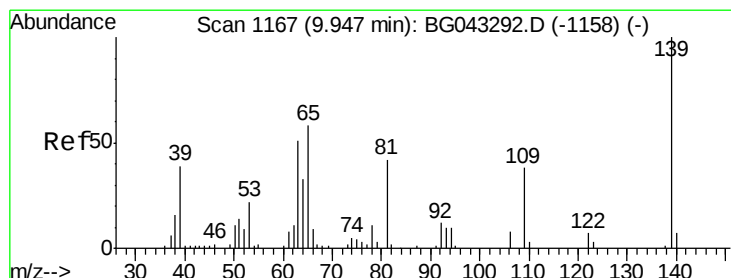
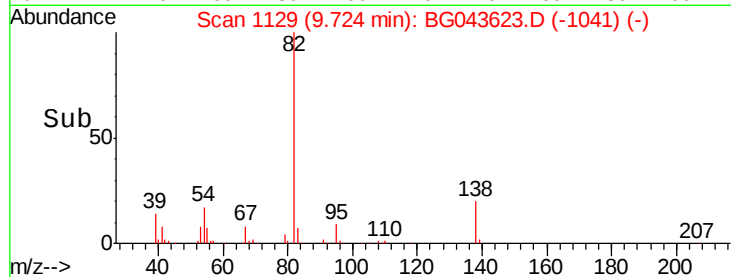
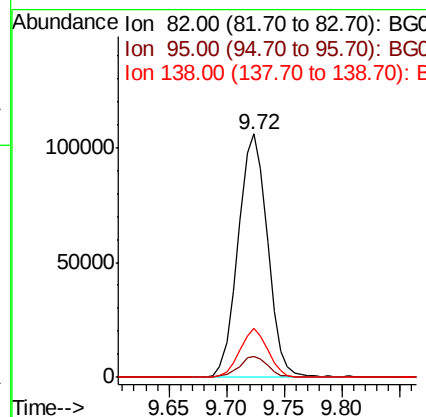
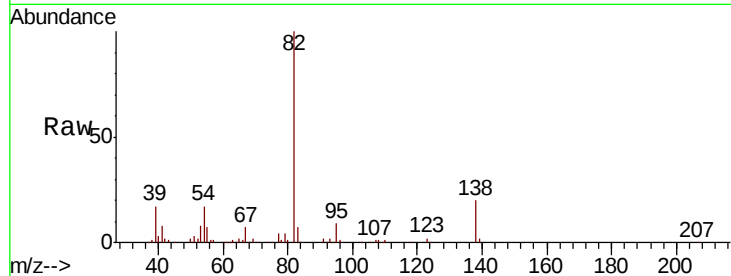
ClientSampleId :

PB124754BSD

Tot Ion:	82	Resp:	187300
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.6	9.8
138	20.0	15.2	22.8

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#26

2-Nitrophenol

Concen: 42.895 ng

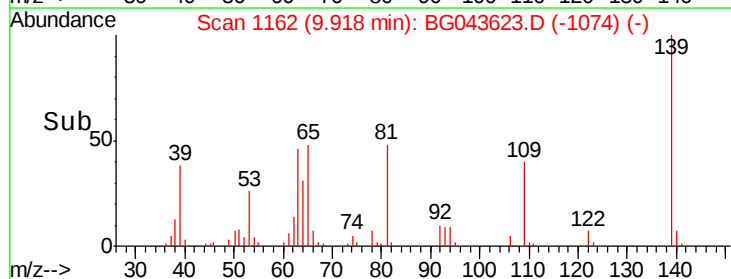
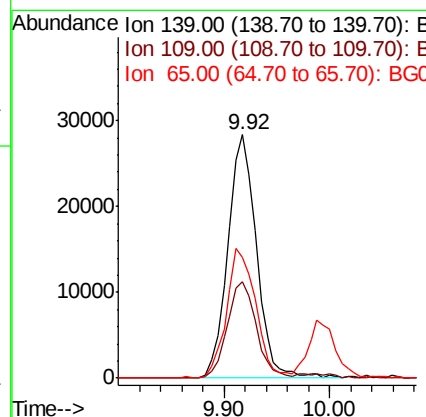
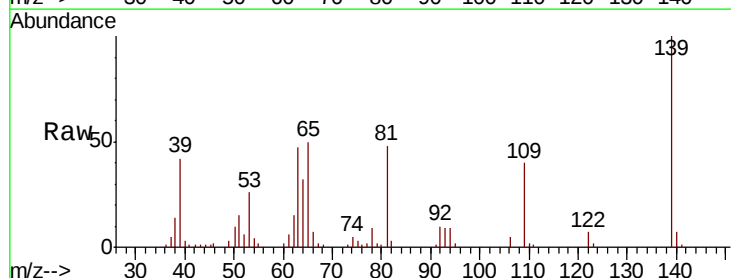
RT: 9.92 min Scan# 1162

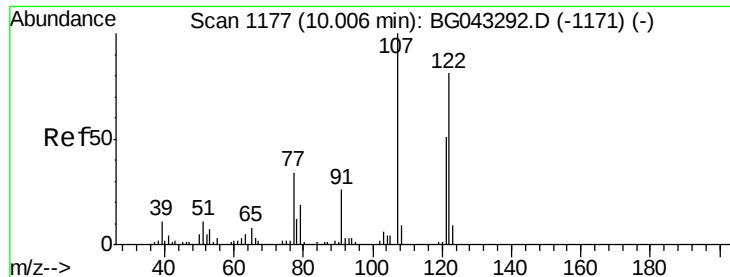
Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	139	Resp:	53291
Ion Ratio	Lower	Upper	
139	100		
109	39.8	26.5	39.7#
65	49.5	43.8	65.8





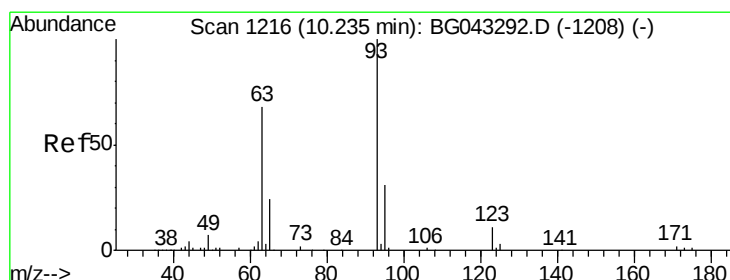
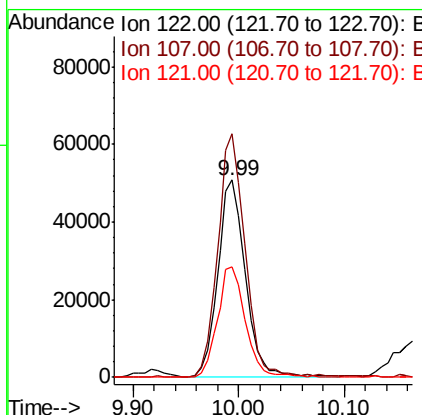
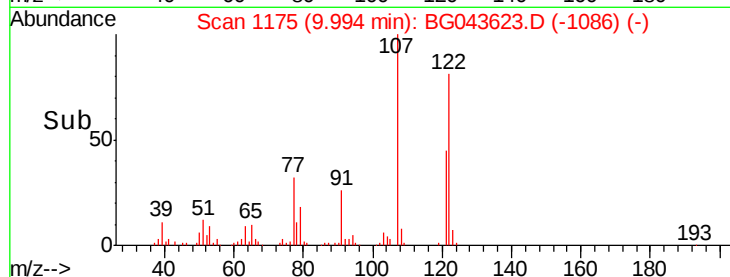
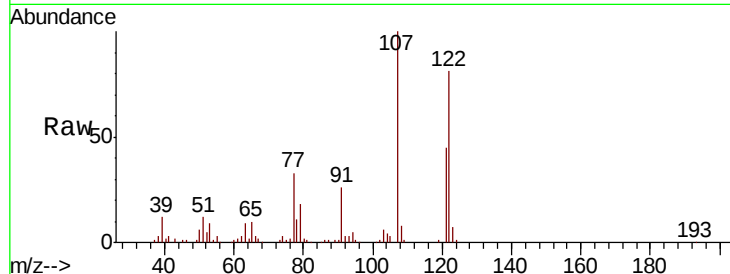
#27
2,4-Dimethylphenol
Concen: 51.917 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.5	104.4	156.6		
121	56.0	47.2	70.8		

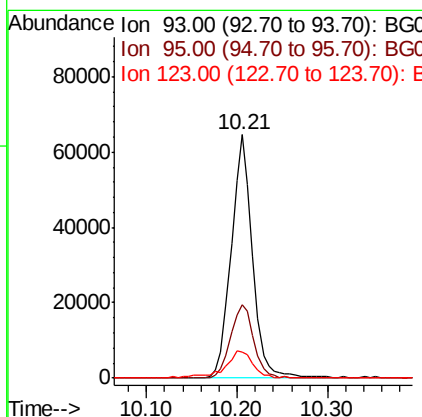
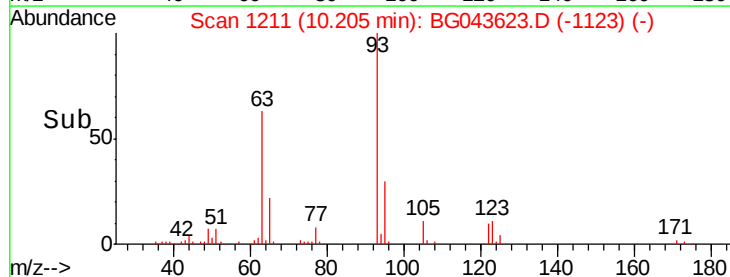
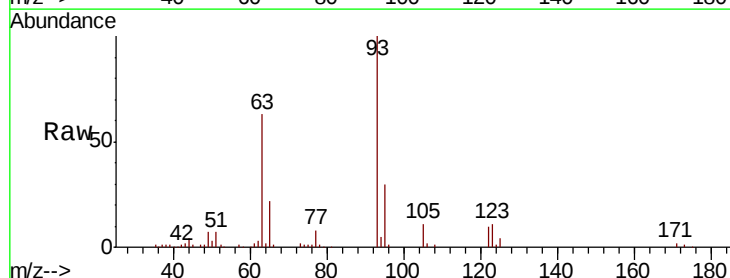
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#28
bis(2-Chloroethoxy)methane
Concen: 38.776 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	30.0	26.0	39.0		
123	10.6	10.6	15.8		





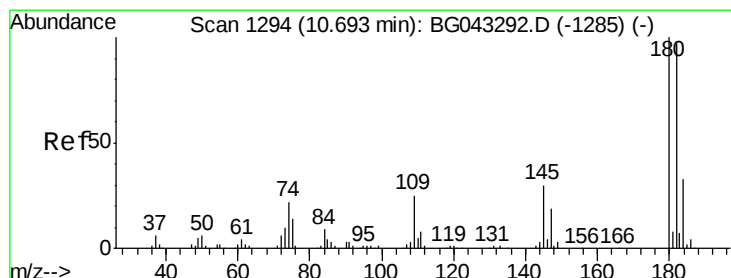
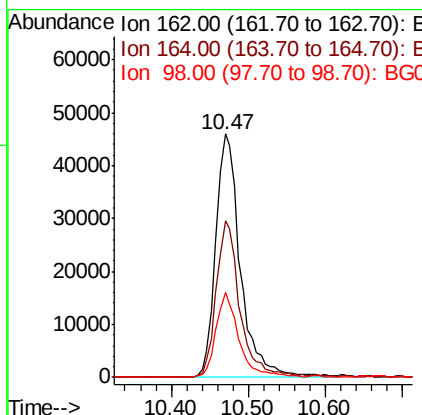
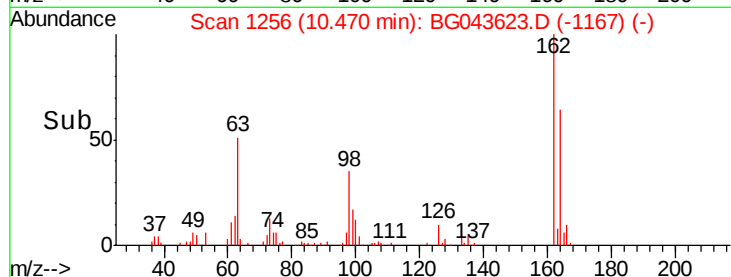
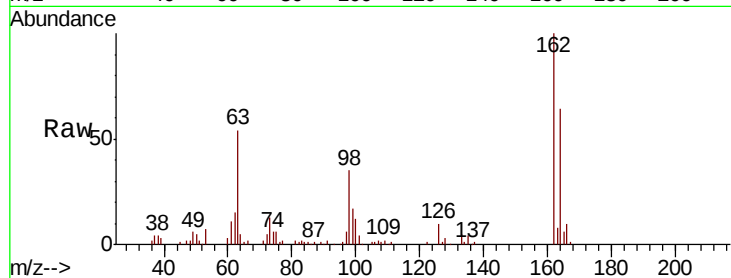
#29
2,4-Dichlorophenol
Concen: 44.536 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	101608		
164	64.4	48.9	88.9	
98	35.1	15.1	55.1	

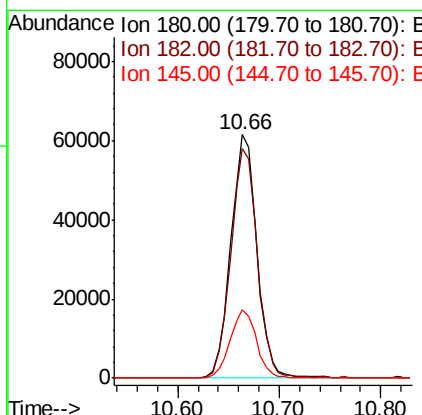
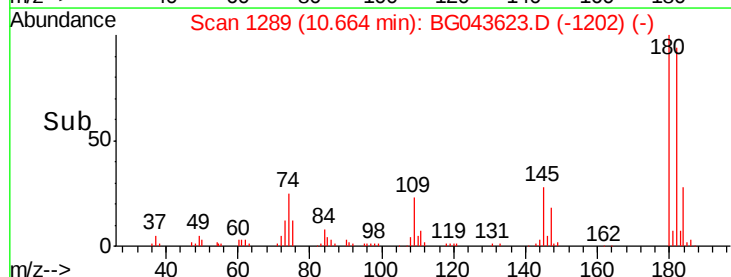
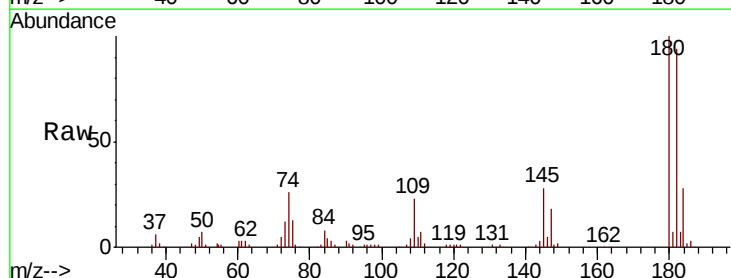
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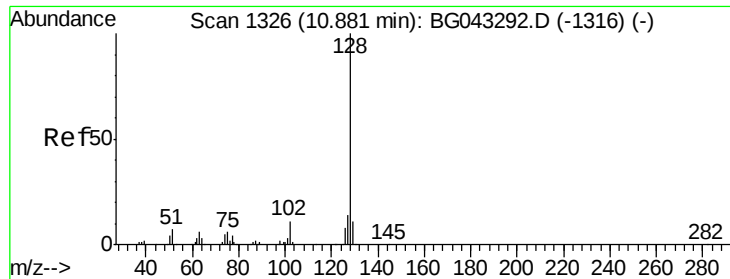
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#30
1,2,4-Trichlorobenzene
Concen: 37.920 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	109040		
182	94.3	75.1	112.7	
145	28.0	23.9	35.9	





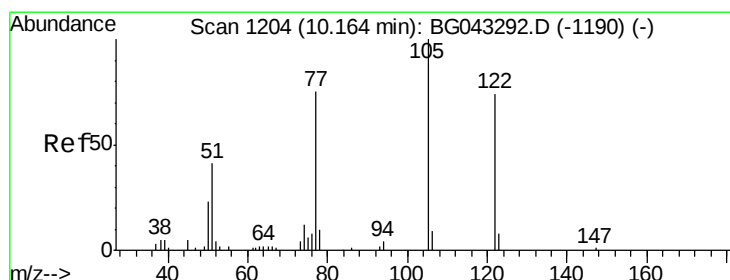
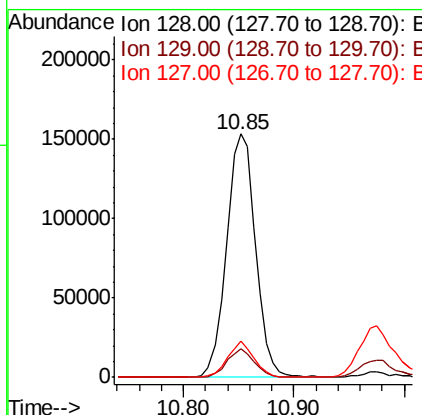
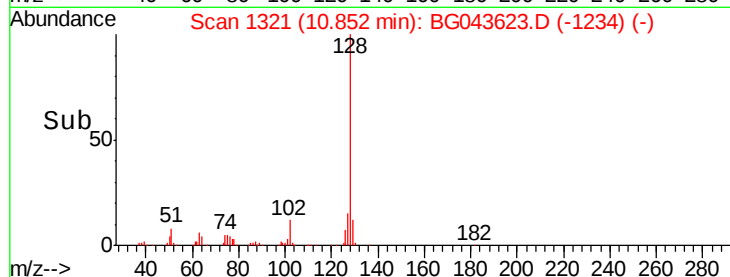
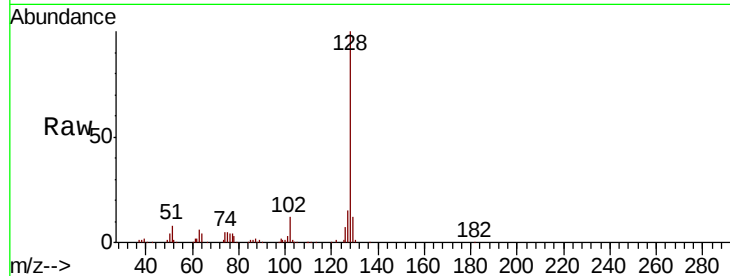
#31
Naphthalene
Concen: 39.817 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	15.1	11.1	16.7

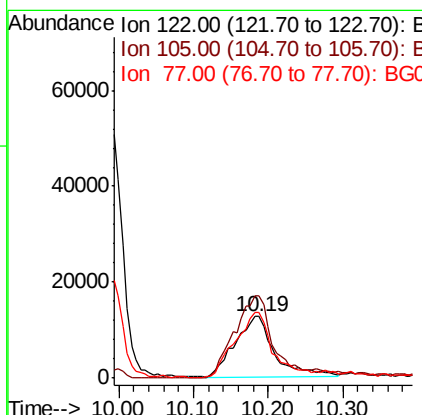
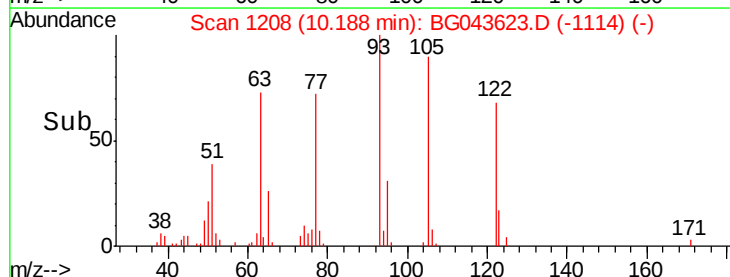
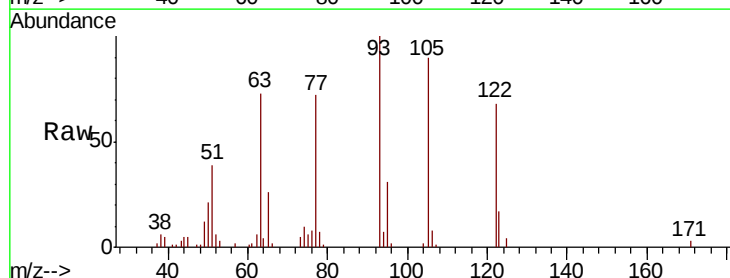
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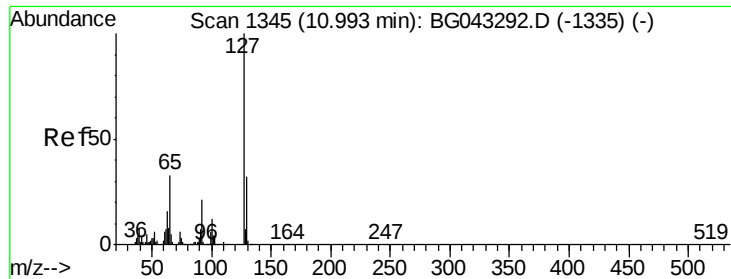
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#32
Benzoic acid
Concen: 36.854 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.5	103.3	143.3
77	105.7	84.9	124.9





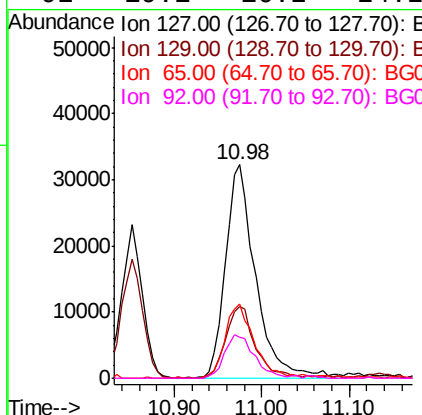
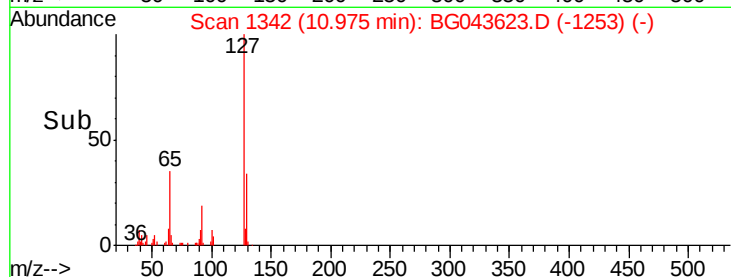
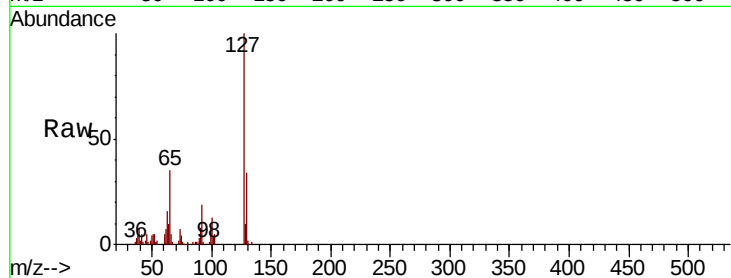
#33
4-Chloroaniline
Concen: 26.164 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.5	39.7		
65	34.6	26.4	39.6		
92	19.1	16.2	24.2		

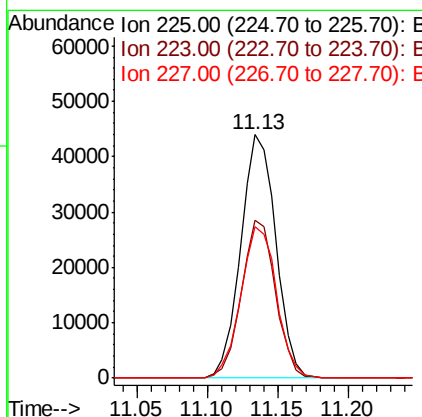
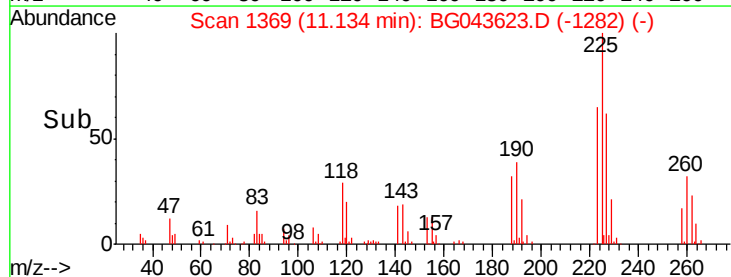
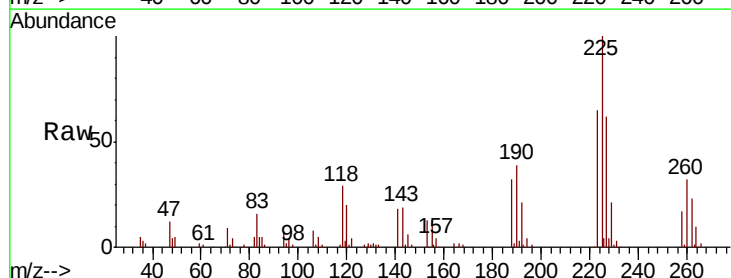
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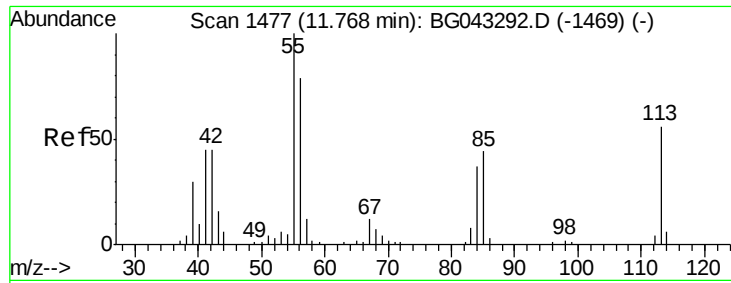
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#34
Hexachlorobutadiene
Concen: 36.003 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	52.7	79.1		
227	62.0	54.8	82.2		





#35

Caprolactam

Concen: 38.275 ng/mL

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

ClientSampleId :

PB124754BSD

Tot Ion:113 Resp: 30075

Ion Ratio Lower Upper

113 100

55 186.2 134.1 174.1#

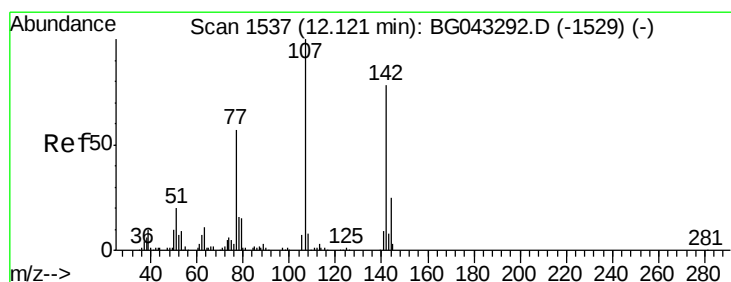
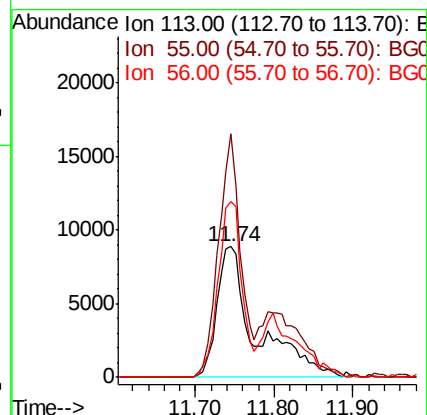
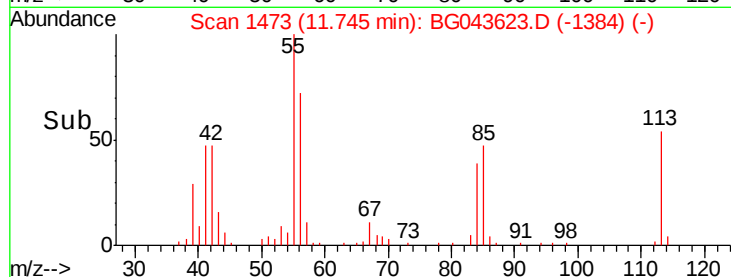
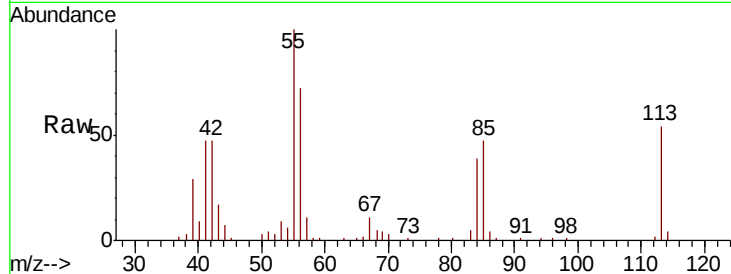
56 134.0 100.4 140.4

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#36

4-Chloro-3-methylphenol

Concen: 42.569 ng/mL

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

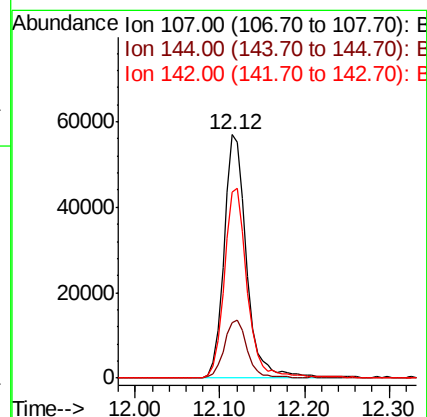
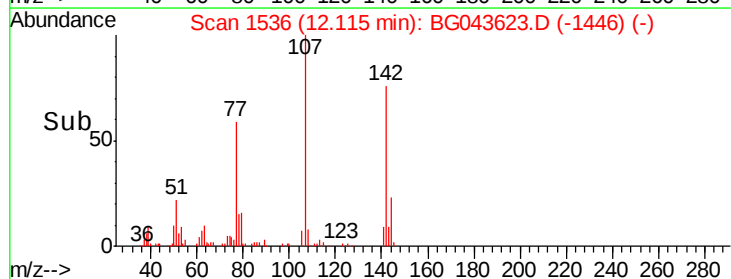
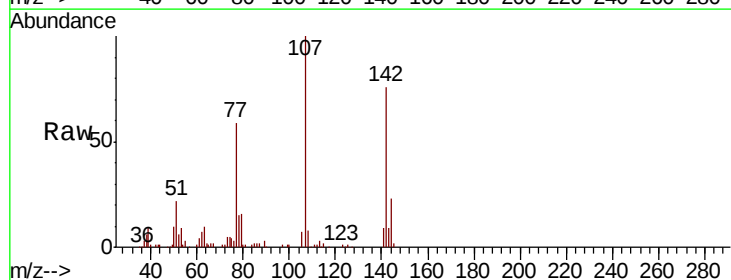
Tgt Ion:107 Resp: 105938

Ion Ratio Lower Upper

107 100

144 22.9 20.9 31.3

142 76.2 59.6 89.4





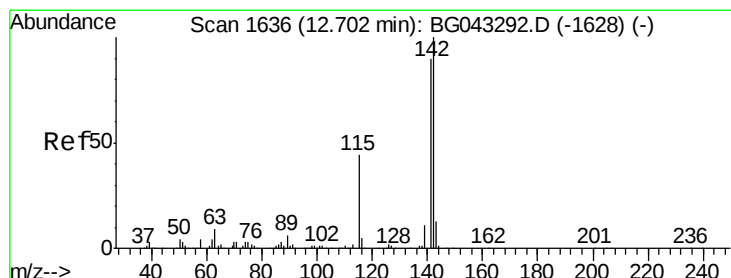
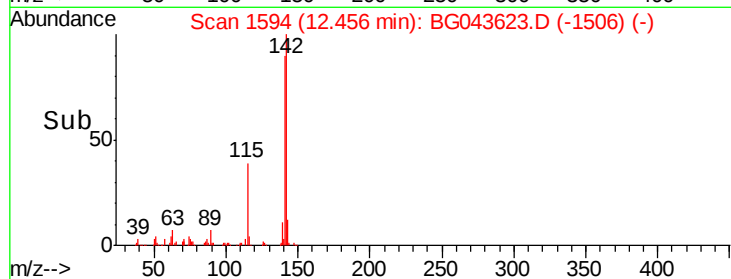
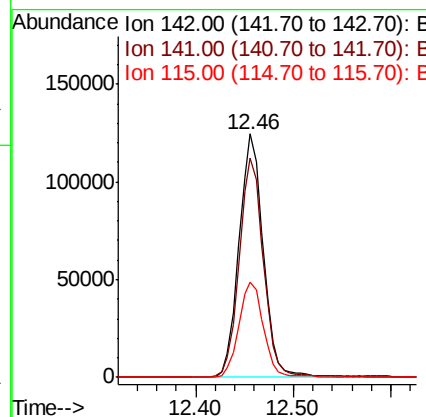
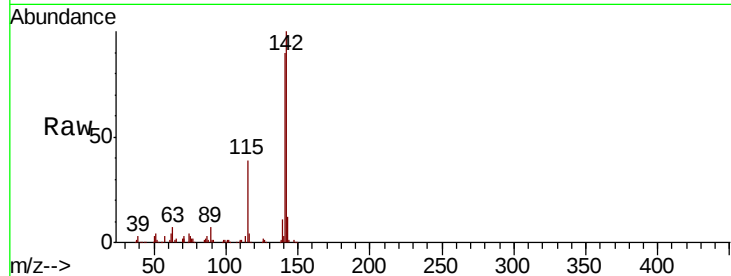
#37
2-Methylnaphthalene
Concen: 39.738 ng
RT: 12.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.2
115	39.0	33.2	49.8

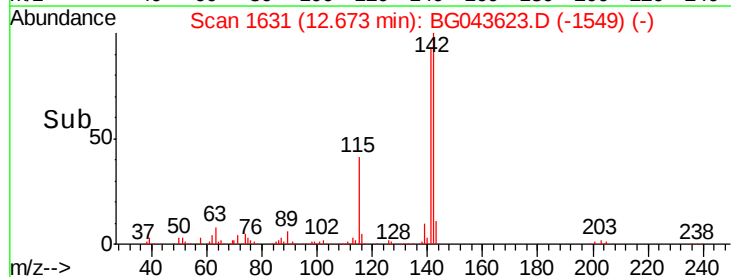
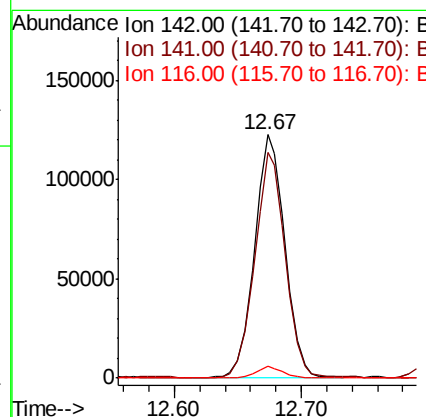
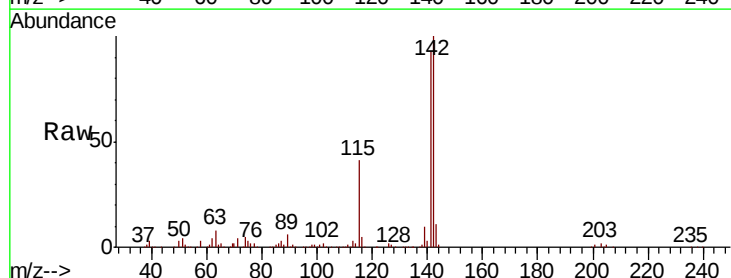
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#38
1-Methylnaphthalene
Concen: 39.385 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.2	109.8
116	4.7	3.6	5.4





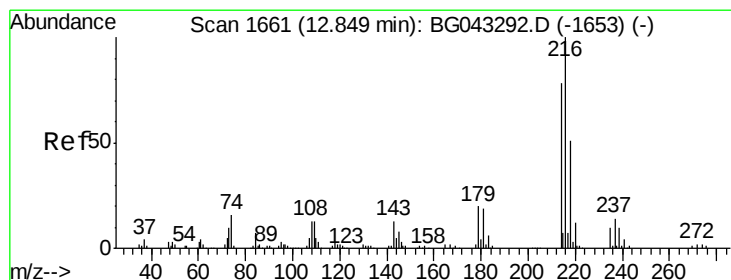
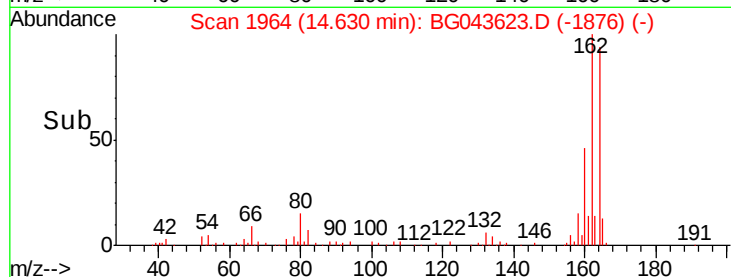
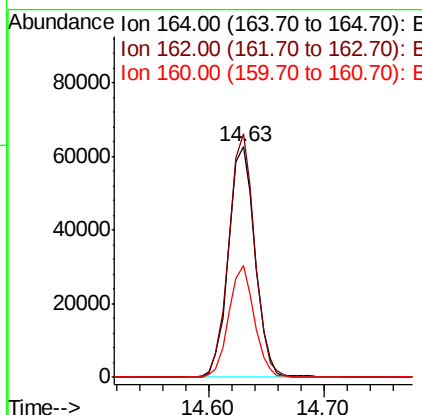
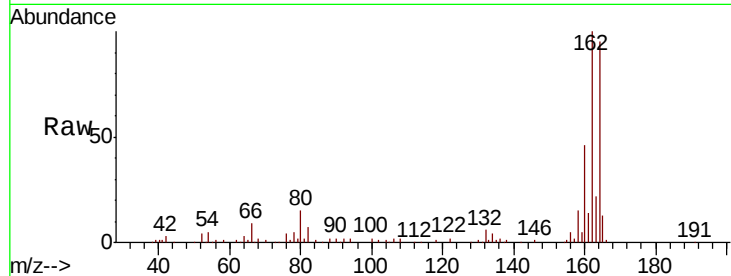
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.5	125.3
160	48.4	36.5	54.7

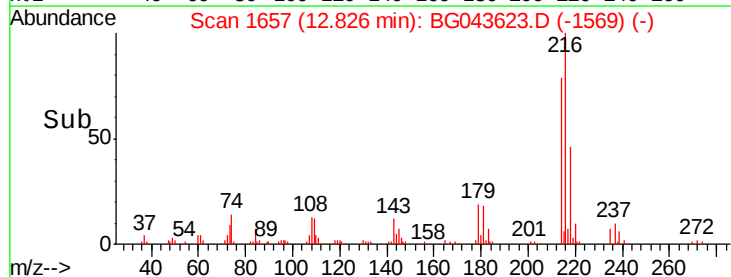
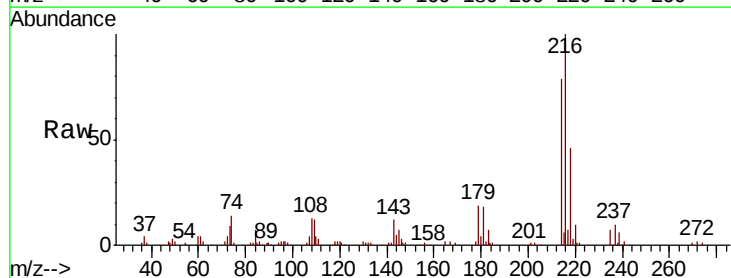
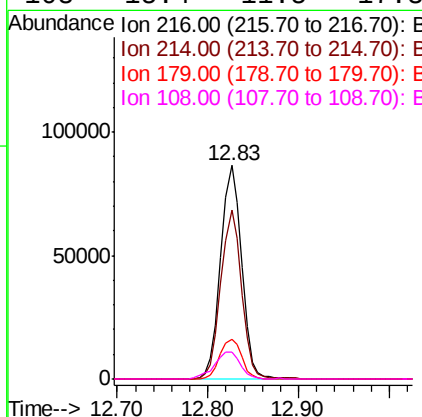
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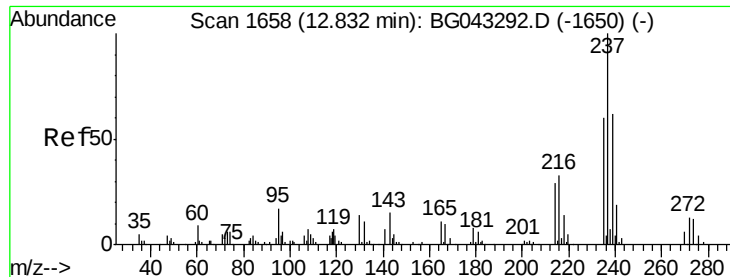
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.732 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	61.7	92.5
179	19.2	15.8	23.8
108	15.4	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 69.885 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

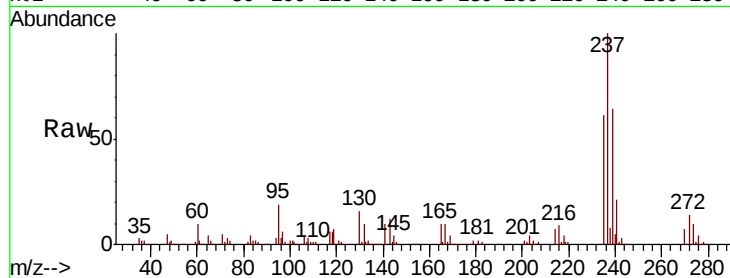
ClientSampleId :

PB124754BSD

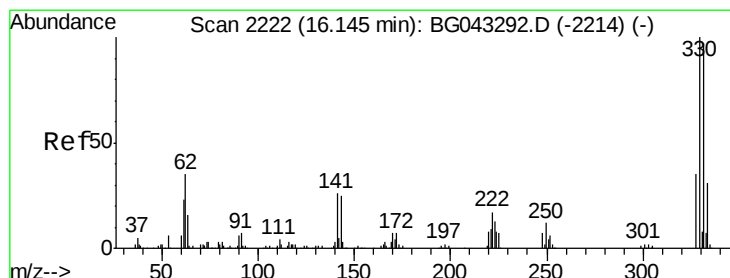
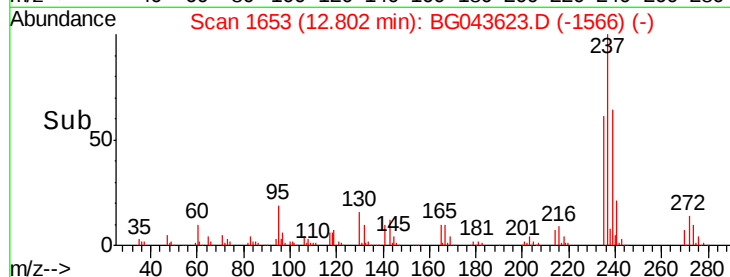
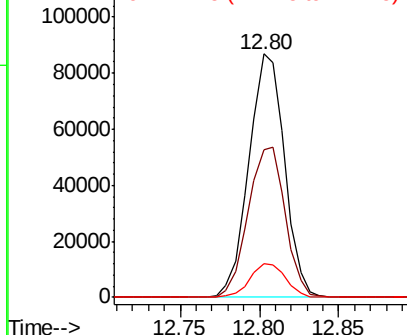
Tot Ion:	237	Resp:	136097
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.6	81.6
272	13.6	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 63.547 ng

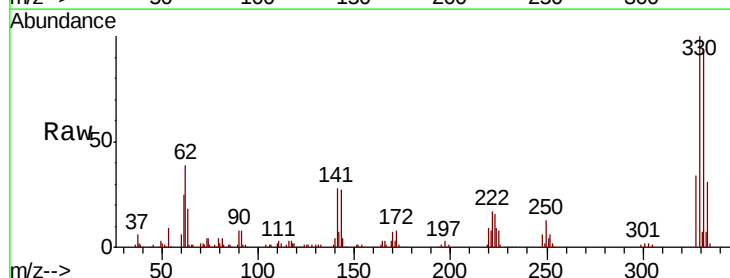
RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

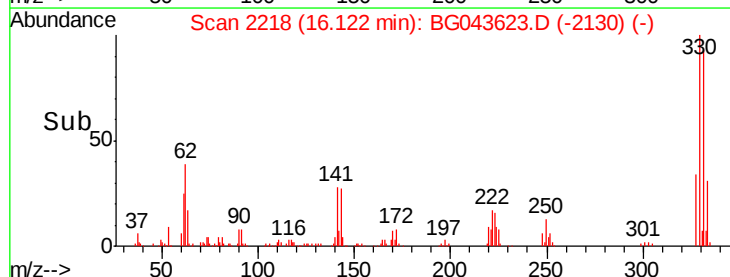
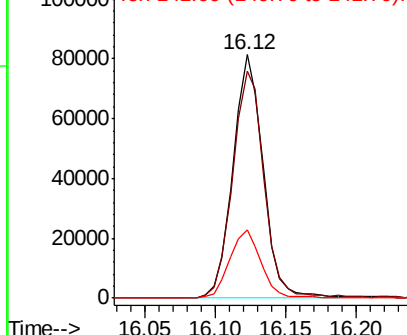
Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	330	Resp:	121139
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.4	116.0
141	29.0	22.8	34.2



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





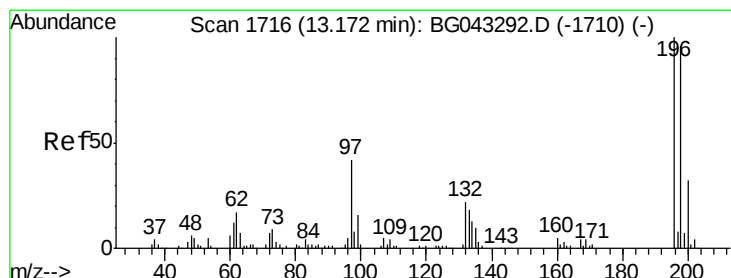
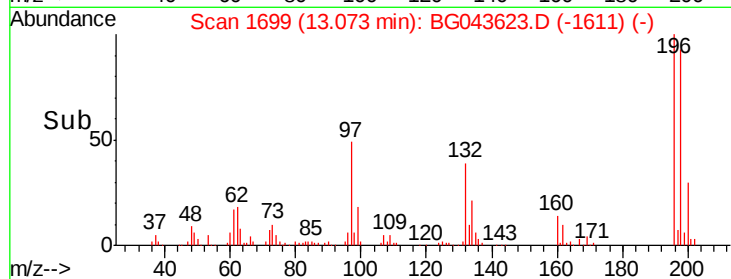
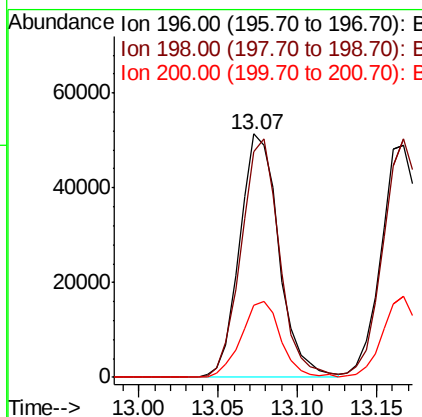
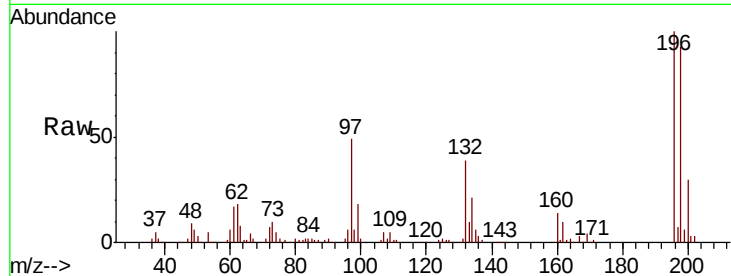
#43
 2,4,6-Trichlorophenol
 Concen: 40.501 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	88423		
198	92.6	75.8	113.6	
200	29.8	23.9	35.9	

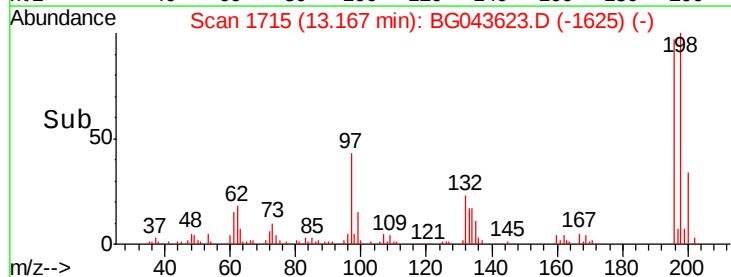
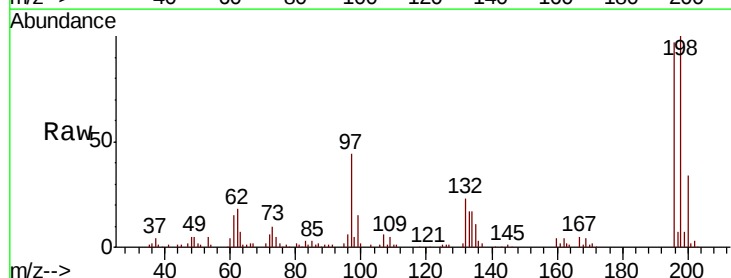
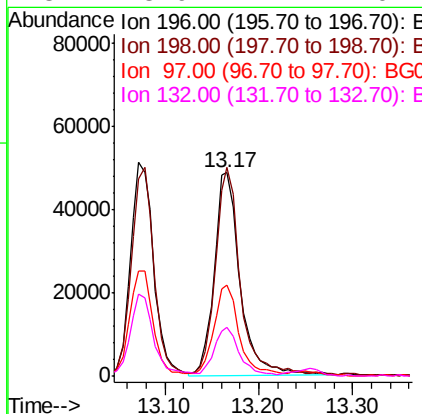
Manual Integrations
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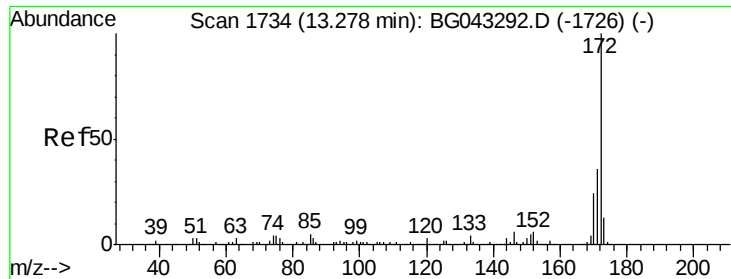
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#44
 2,4,5-Trichlorophenol
 Concen: 42.319 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93406		
198	102.7	74.5	111.7	
97	44.9	36.3	54.5	
132	23.9	17.4	26.2	





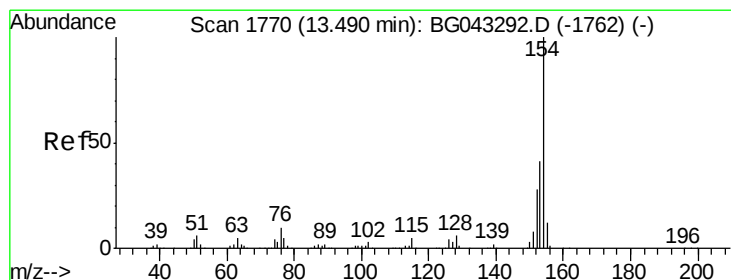
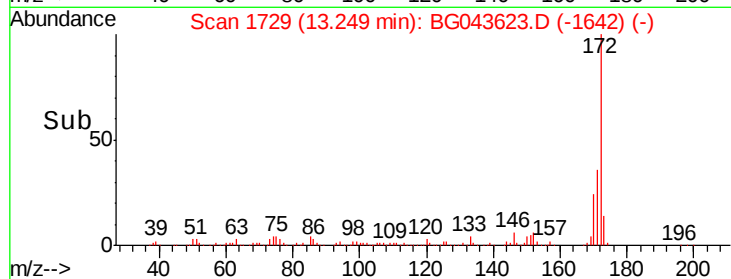
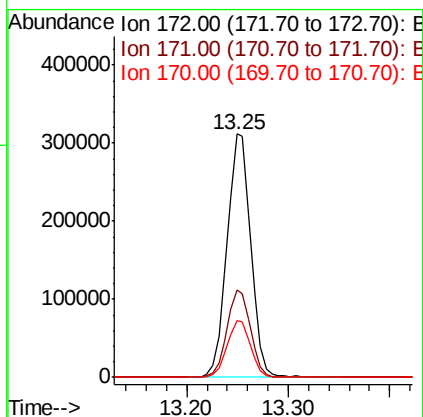
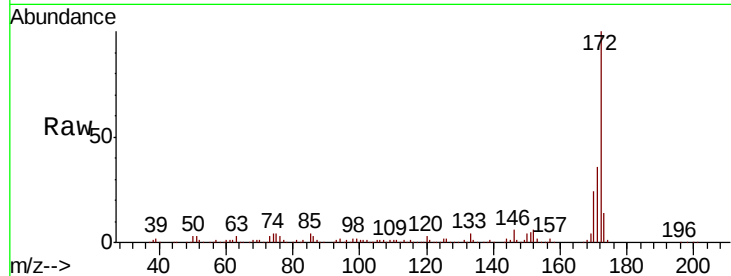
#45
2-Fluorobiphenyl
Concen: 69.726 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.6	18.5	27.7

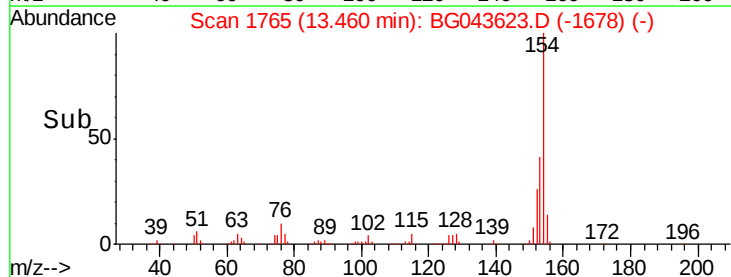
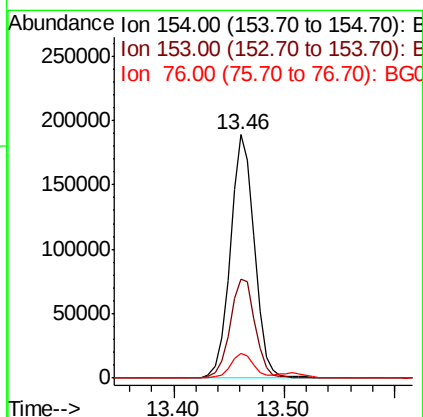
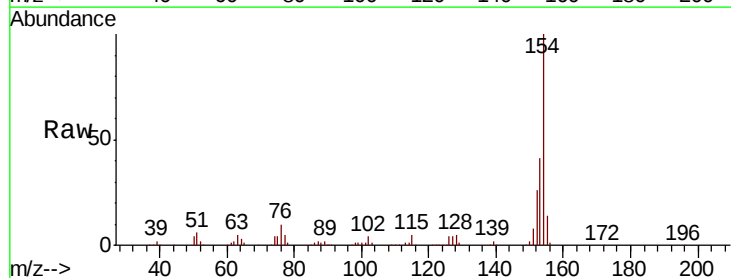
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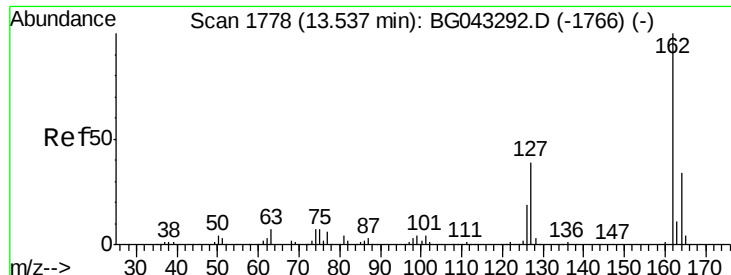
mohammad
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#46
1,1'-Biphenyl
Concen: 37.776 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.9	59.9
76	10.0	0.0	29.4





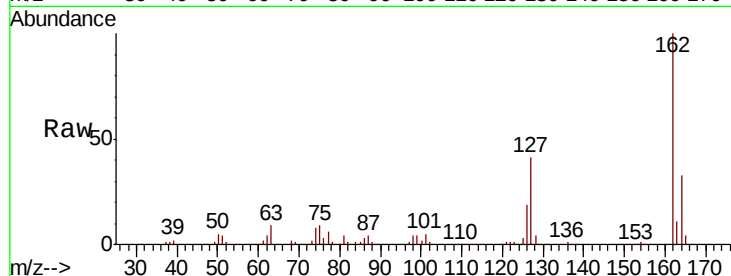
#47
2-Chloronaphthalene
Concen: 38.871 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

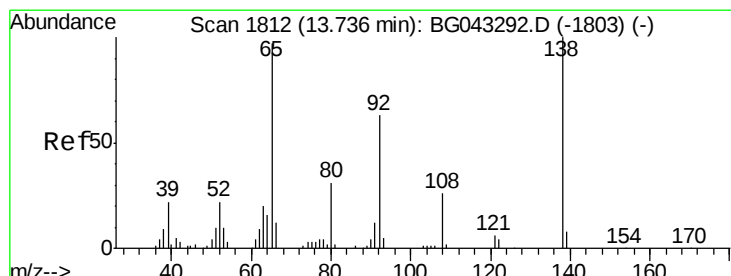
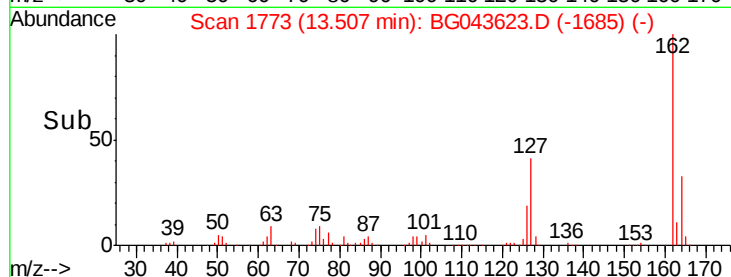
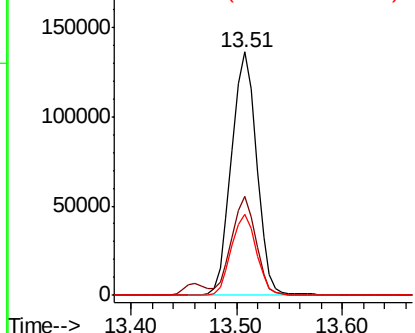
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.2	46.8
164	33.2	25.8	38.8

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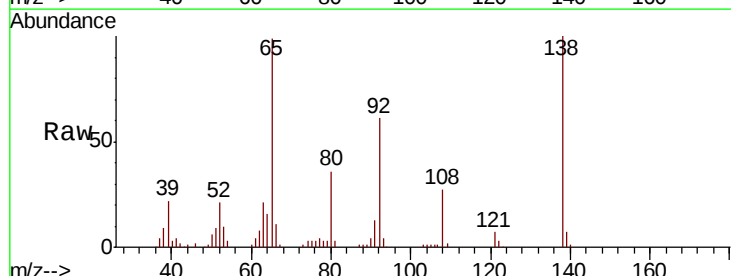


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

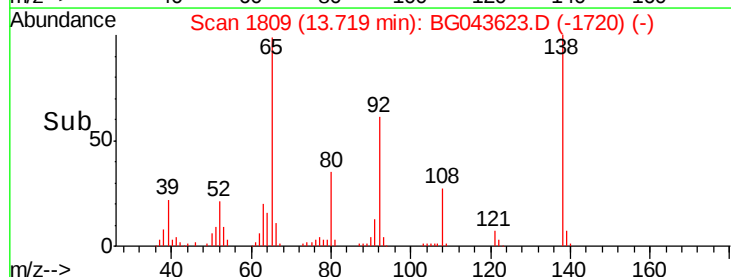
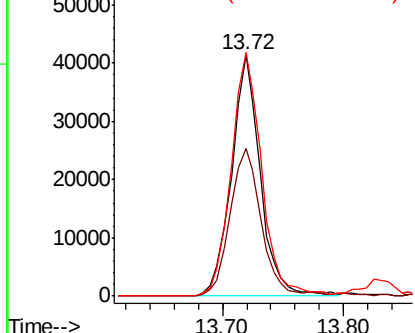


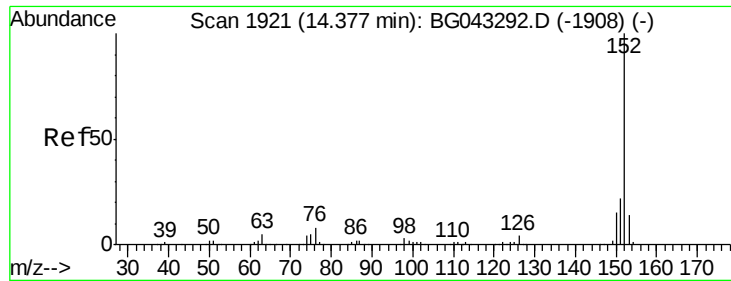
#48
2-Nitroaniline
Concen: 39.693 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	56.2	84.2
138	100.8	82.6	123.8



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





#49

Acenaphthylene

Concen: 41.333 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

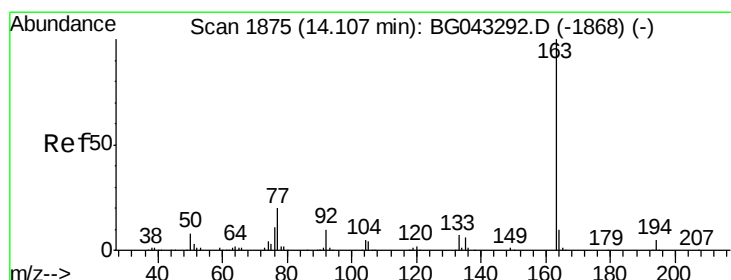
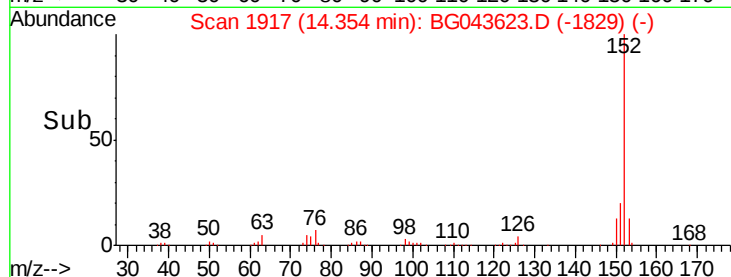
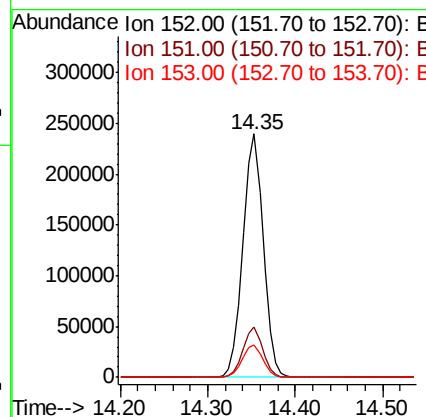
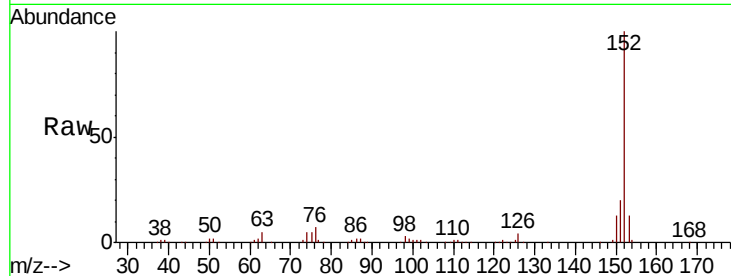
ClientSampleId :

PB124754BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		373001		
151	20.5	16.2	24.4		
153	13.2	10.6	15.8		

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#50

Dimethylphthalate

Concen: 37.465 ng

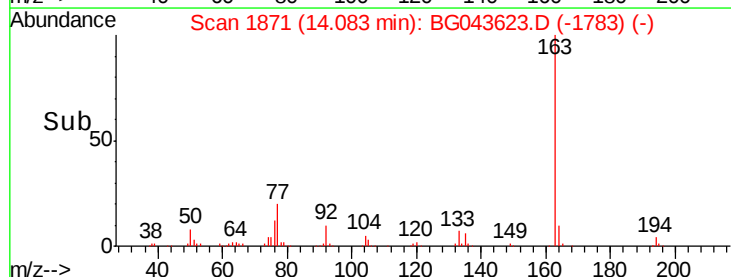
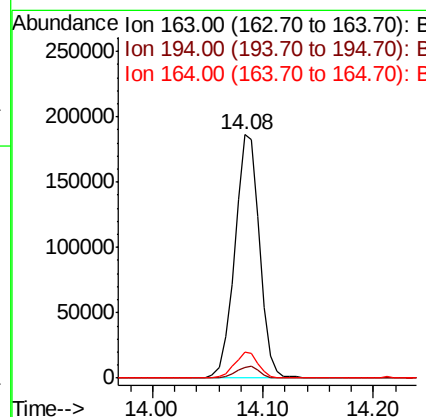
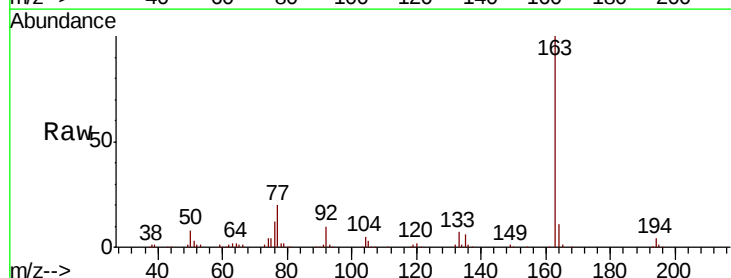
RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		290698		
194	4.4	3.8	5.6		
164	10.6	8.9	13.3		





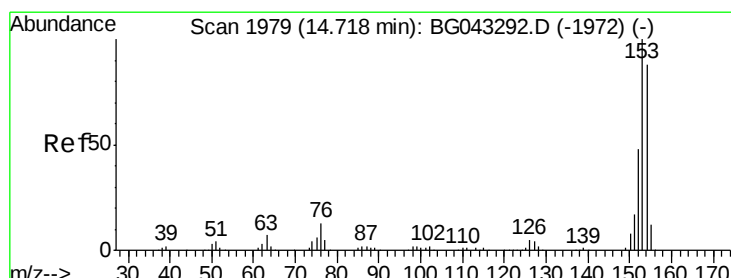
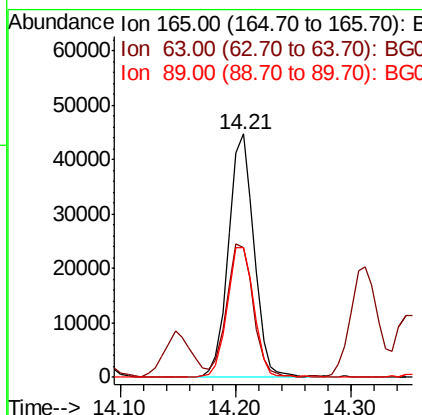
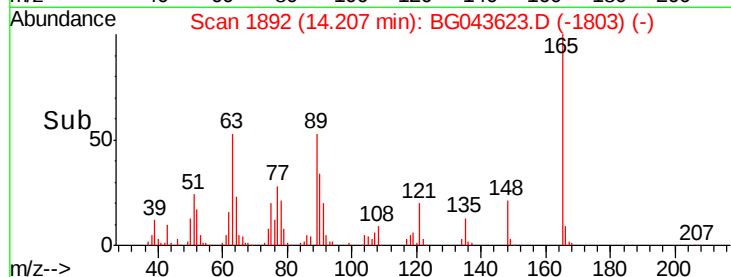
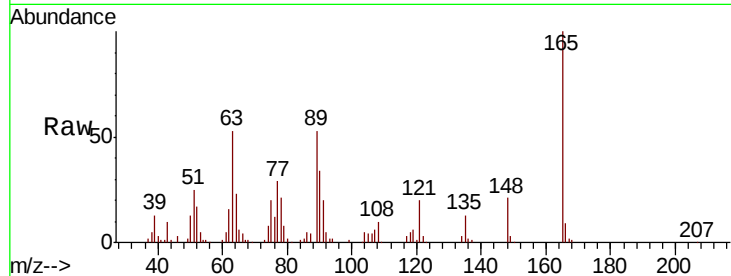
#51
2,6-Dinitrotoluene
Concen: 40.589 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.1	46.6	69.8
89	53.4	45.1	67.7

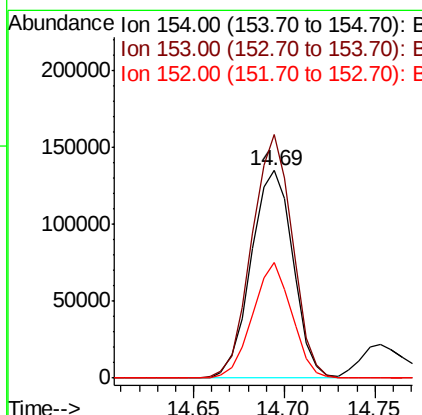
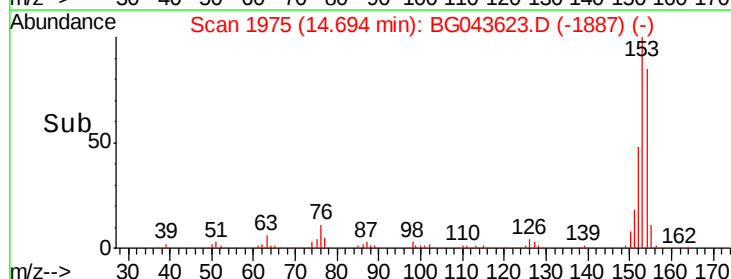
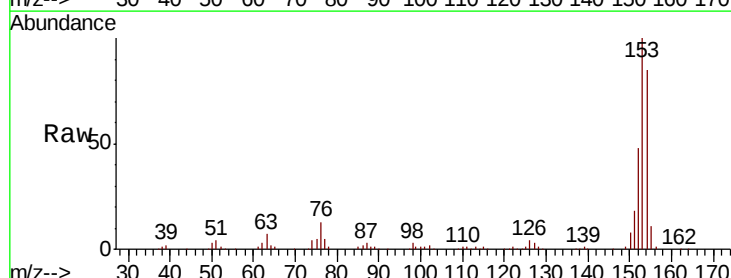
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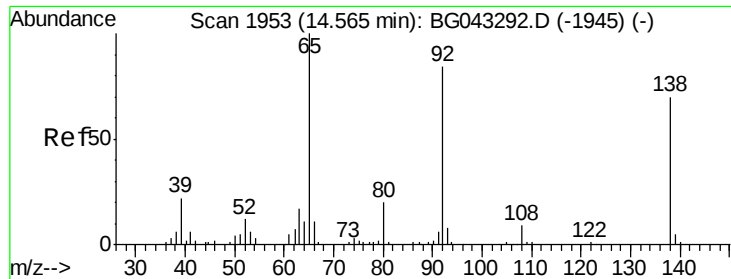
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#52
Acenaphthene
Concen: 39.479 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.2	88.2	132.2
152	55.8	40.0	60.0





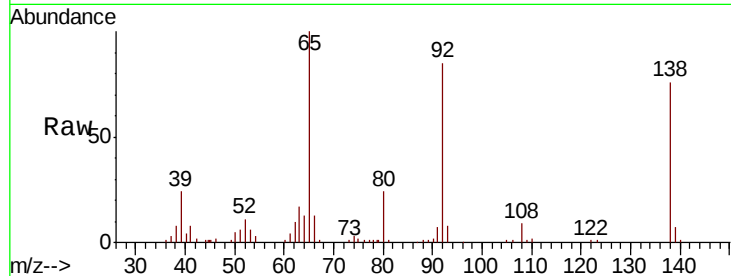
#53
3-Nitroaniline
Concen: 29.171 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.0	12.0
92	112.9	90.9	136.3

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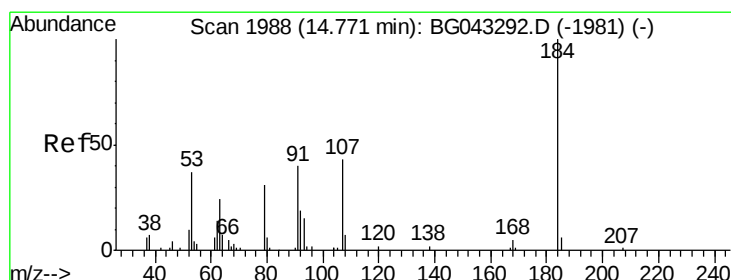
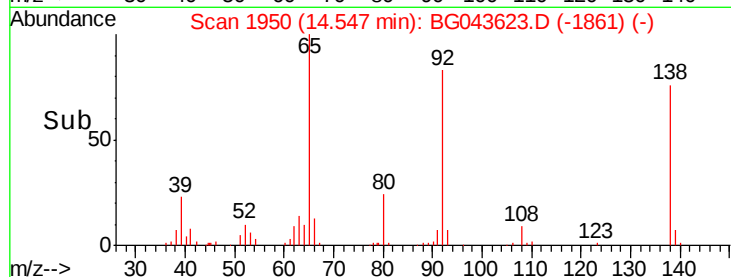
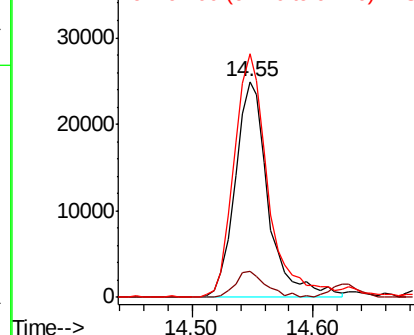


Abundance

Ion 138.00 (137.70 to 138.70): E

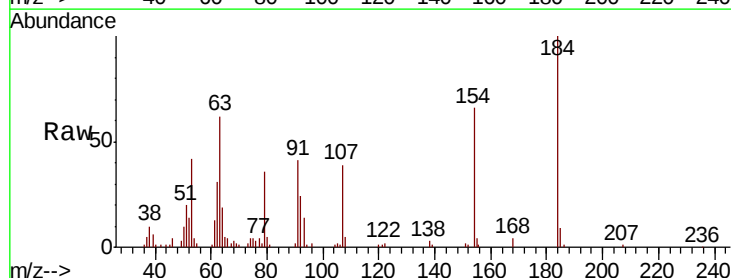
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 64.110 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	51.3	76.9
154	65.6	55.4	83.0

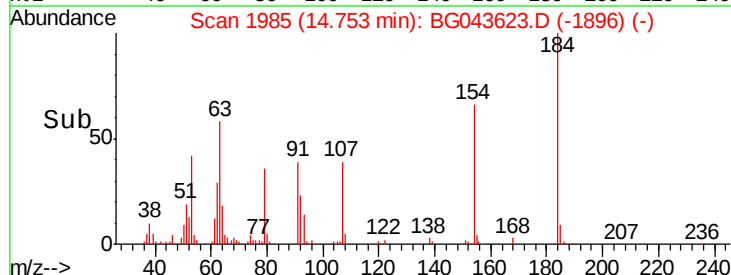
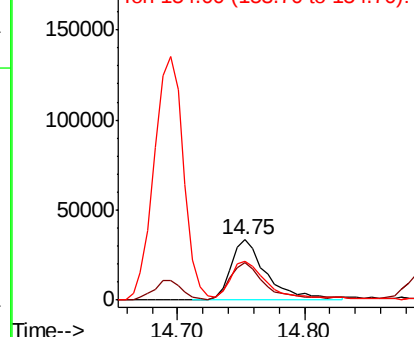


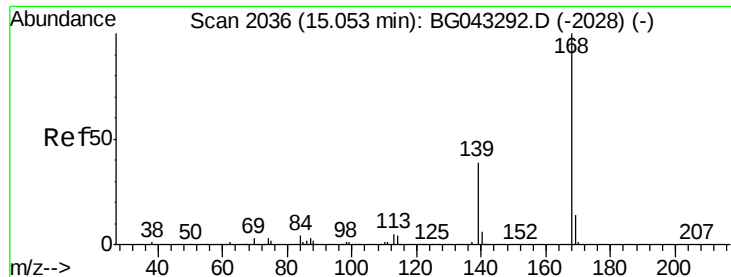
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





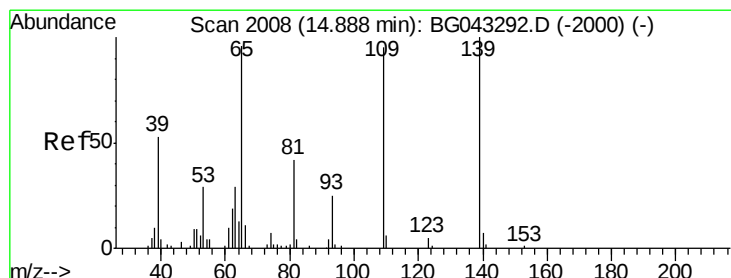
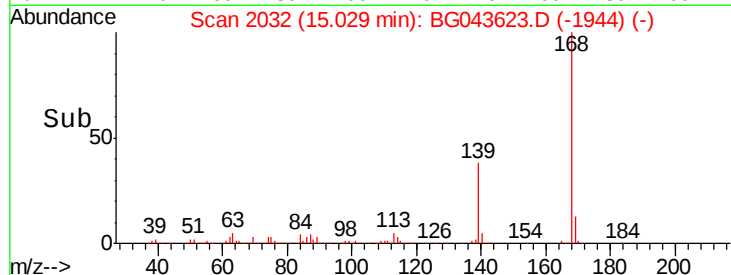
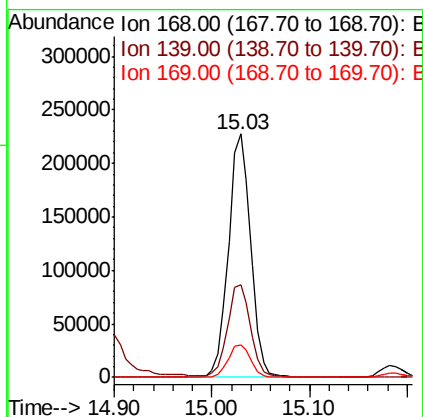
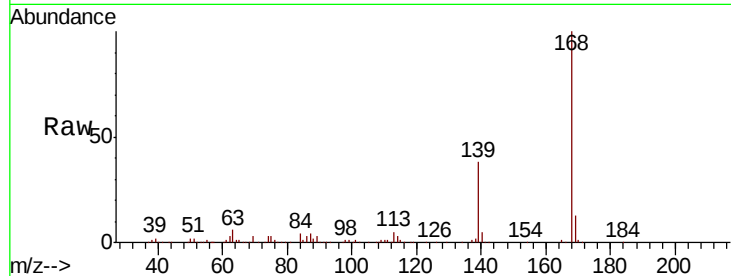
#55
Dibenzofuran
Concen: 40.242 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.0	46.6
169	13.3	11.7	17.5

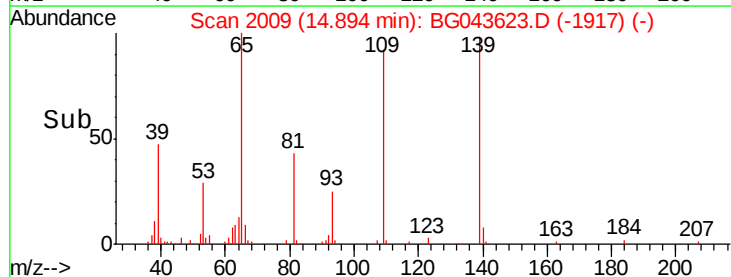
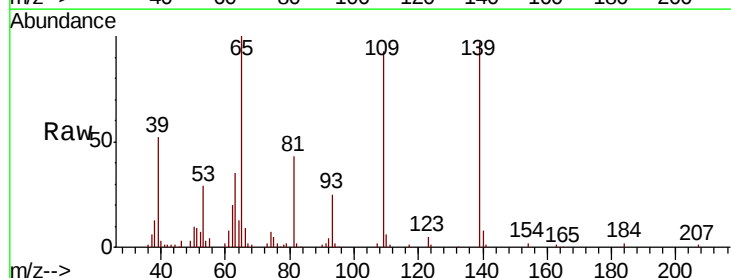
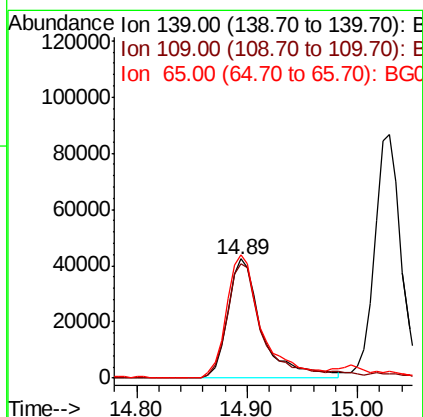
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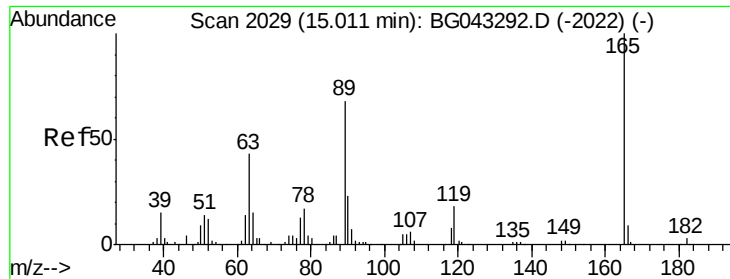
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#56
4-Nitrophenol
Concen: 84.530 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	87.2	127.2
65	102.8	83.8	123.8





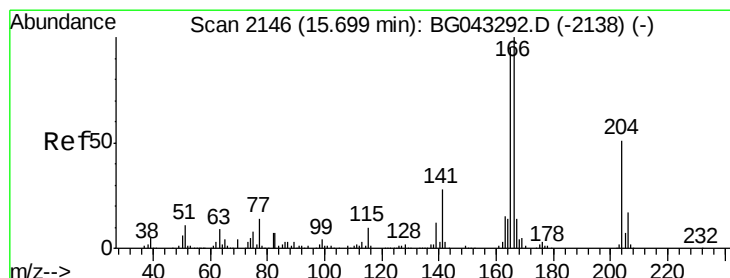
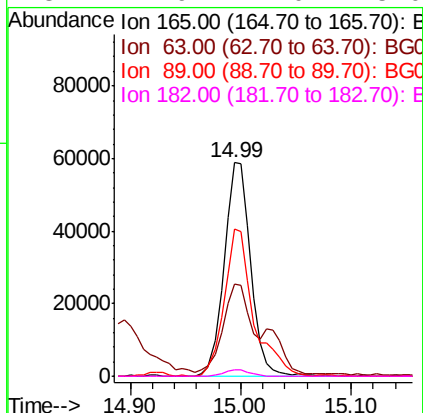
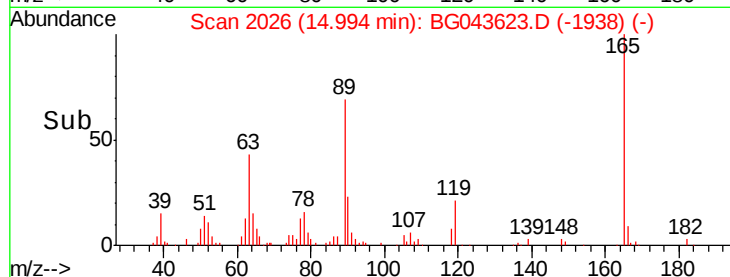
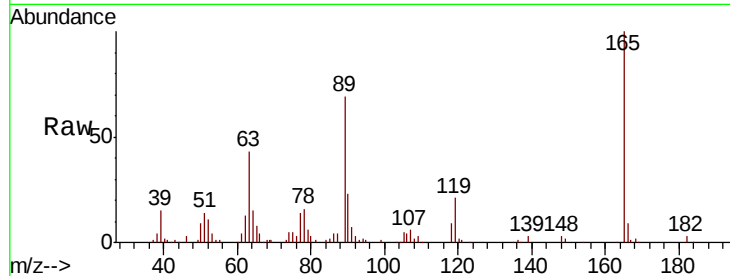
#57
2,4-Dinitrotoluene
Concen: 40.785 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	98251		
63	43.2		33.2	49.8
89	68.9		52.2	78.4
182	2.9		2.0	3.0

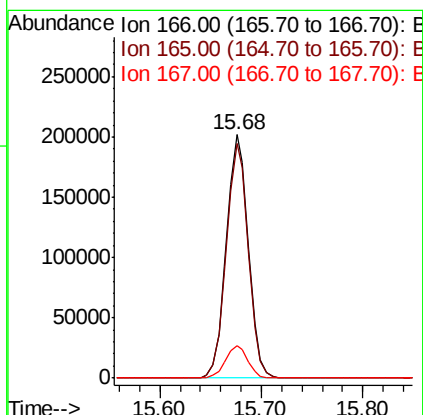
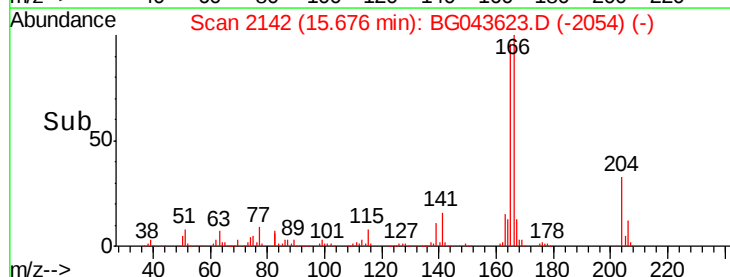
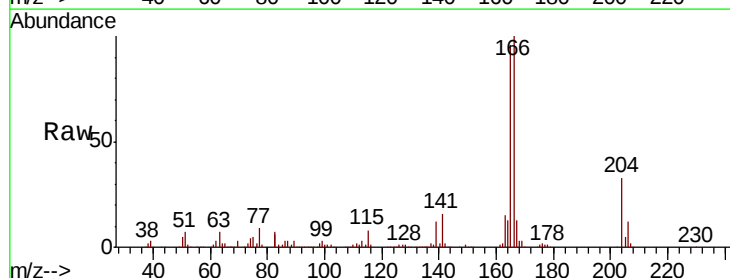
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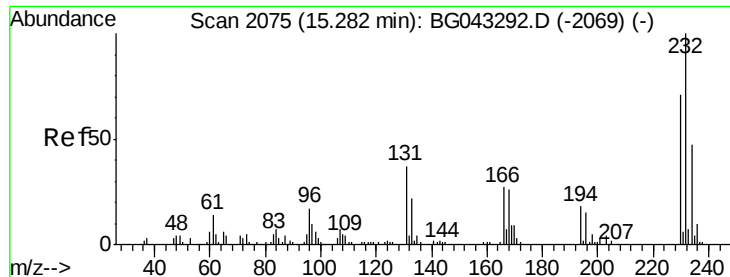
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#58
Fluorene
Concen: 40.585 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	303786		
165	96.2		79.0	118.6
167	13.2		10.5	15.7





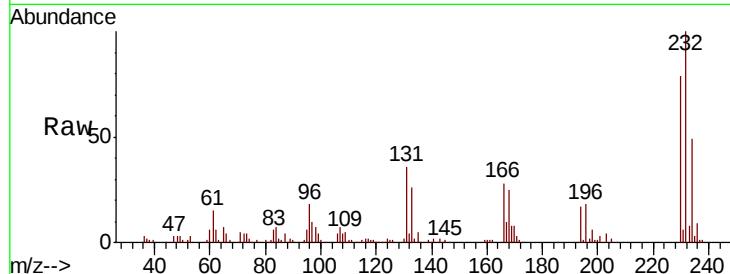
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.973 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

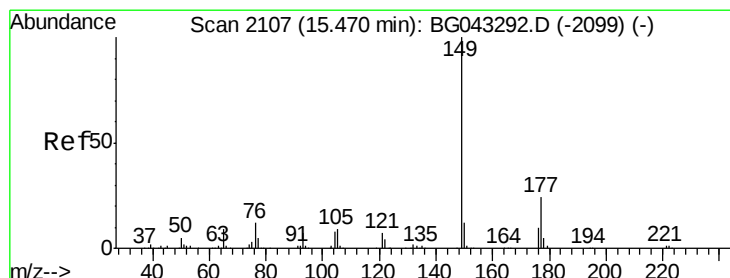
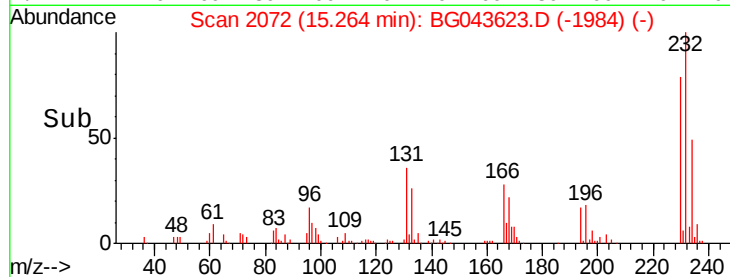
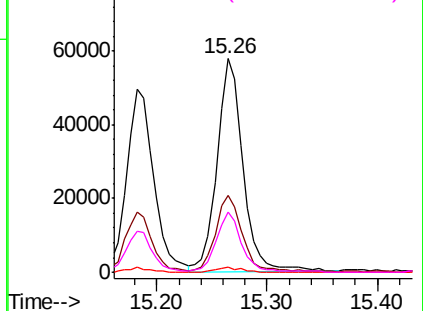
Tot Ion:	232	Resp:	93740
Ion Ratio	Lower	Upper	
232	100		
131	35.8	26.9	40.3
130	2.3	1.8	2.6
166	26.2	20.9	31.3

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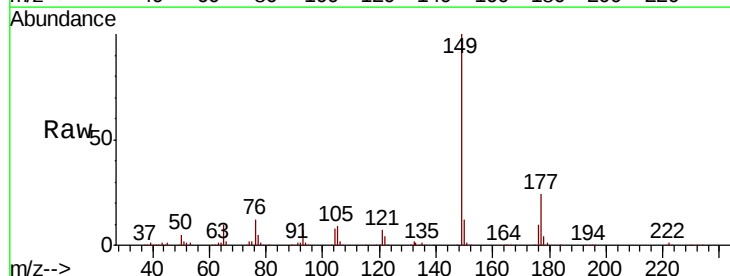


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

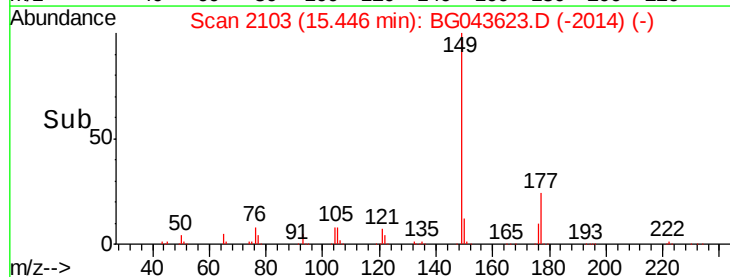
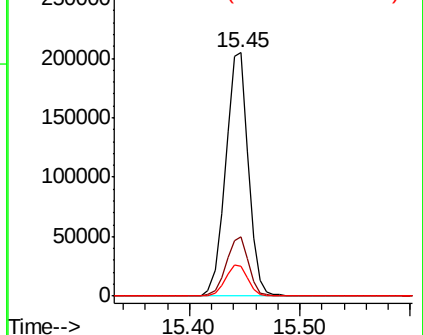


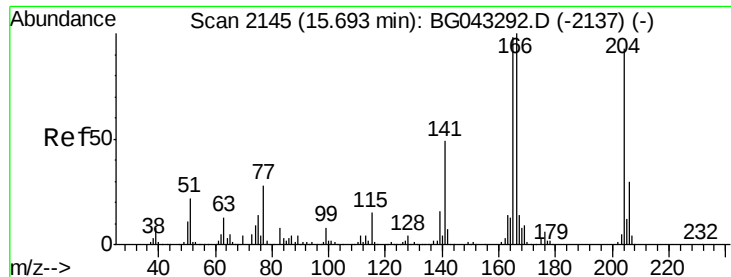
#60
Diethylphthalate
Concen: 37.644 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion:	149	Resp:	293478
Ion Ratio	Lower	Upper	
149	100		
177	24.2	19.6	29.4
150	12.1	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





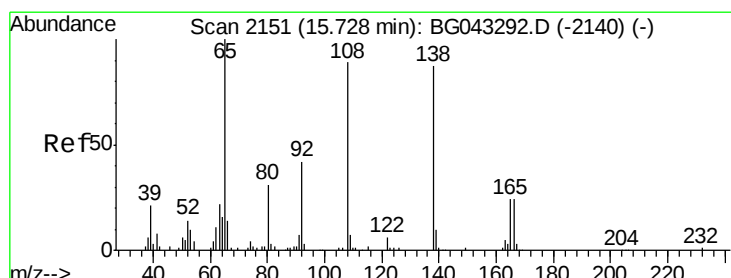
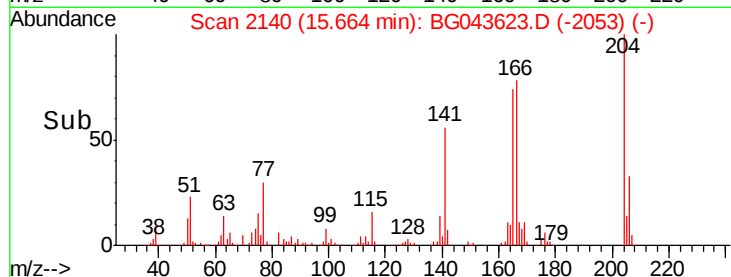
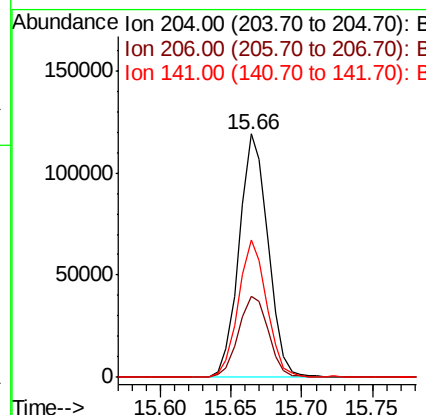
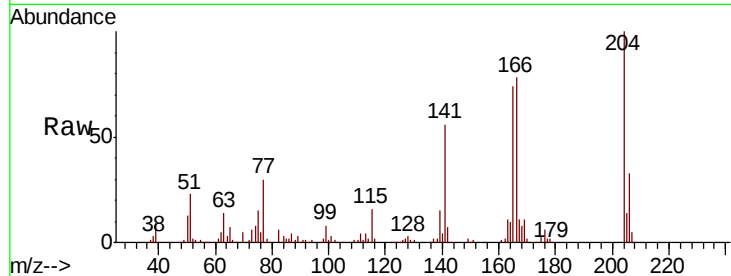
#61
4-Chlorophenyl-phenylether
Concen: 39.050 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	28.4	42.6
141	56.5	43.0	64.6

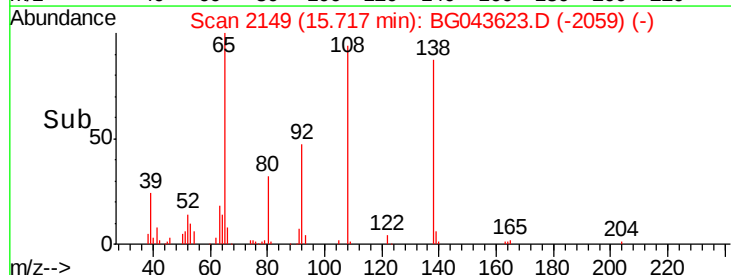
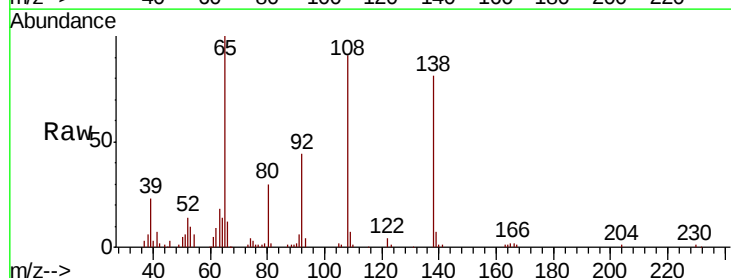
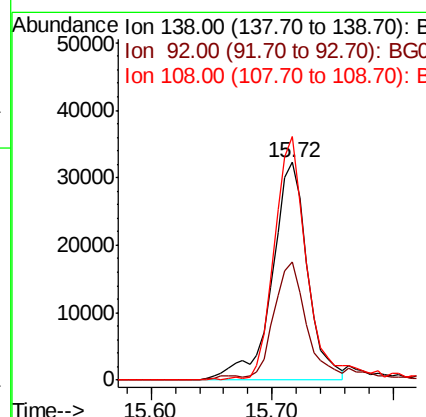
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#62
4-Nitroaniline
Concen: 38.824 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	33.4	73.4
108	111.9	78.0	118.0





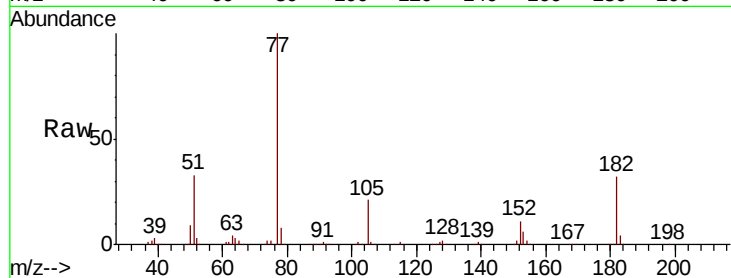
#63
Azobenzene
Concen: 39.244 ng
RT: 15.96 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	13.7	53.7
105	20.6	0.4	40.4
51	33.5	11.0	51.0

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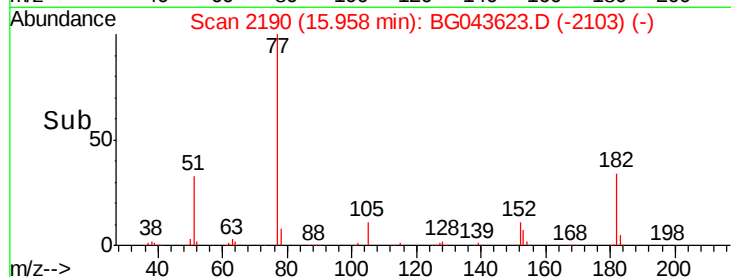
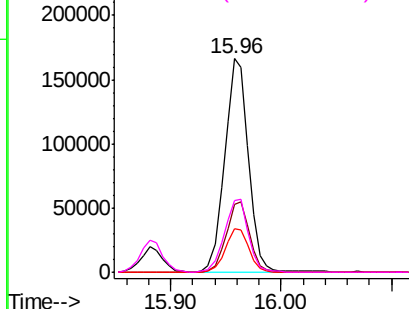
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

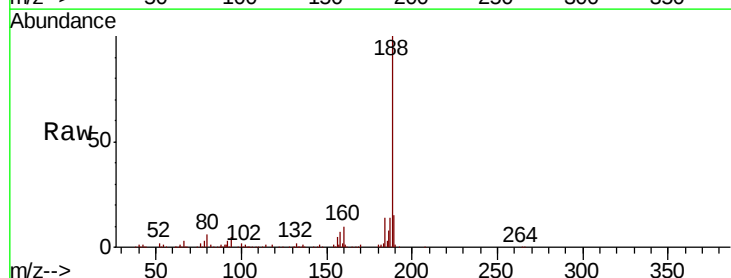
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.2	6.4
80	6.4	4.5	6.7

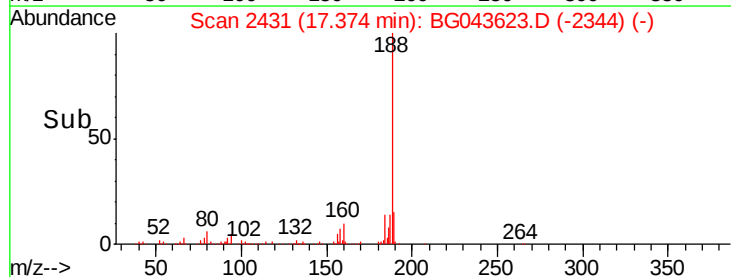
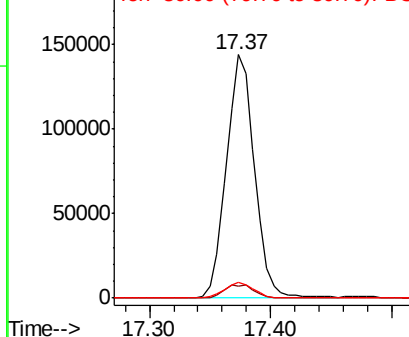


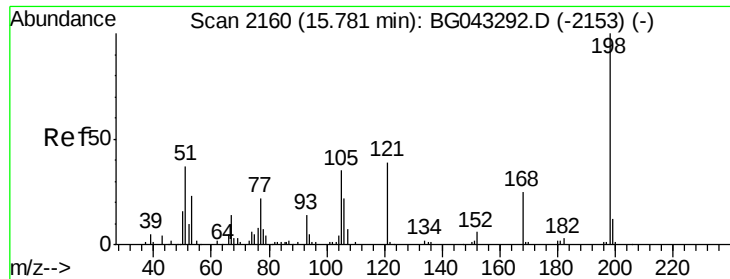
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





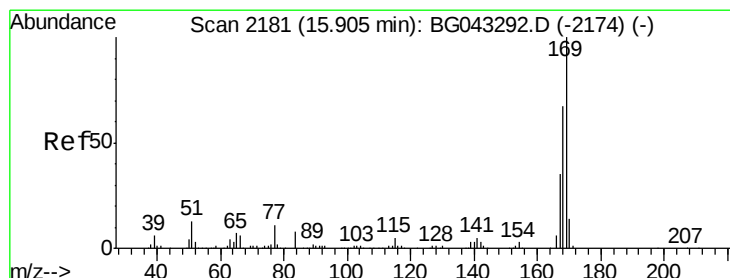
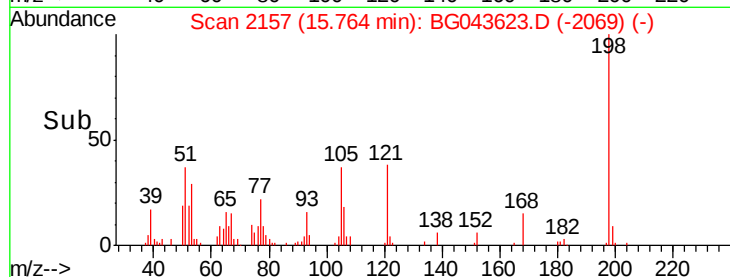
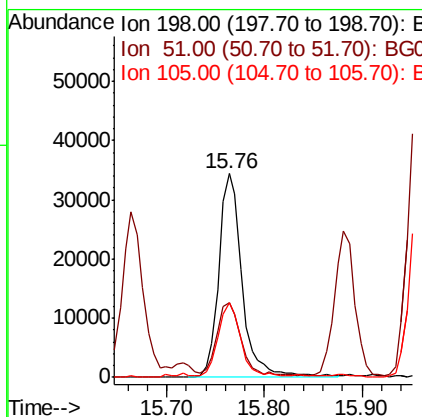
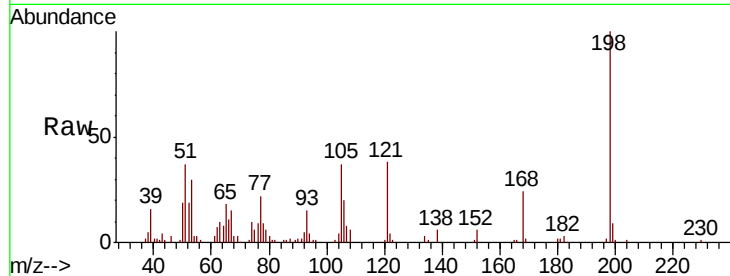
#65
4,6-Dinitro-2-methylphenol
Concen: 41.562 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	13.2	53.2
105	36.6	15.8	55.8

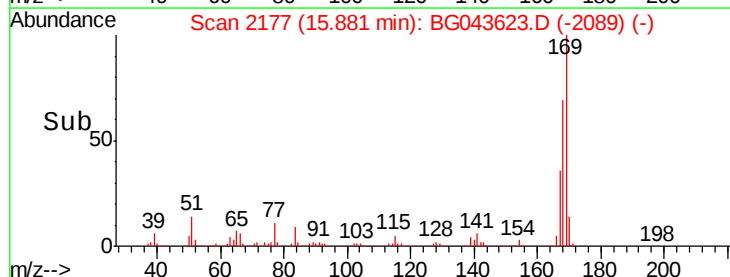
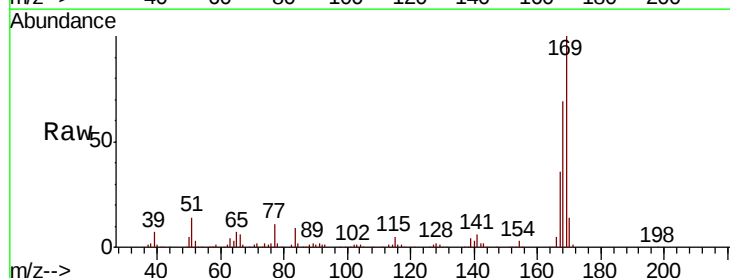
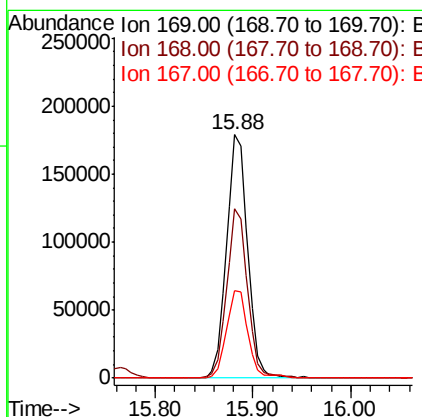
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#66
n-Nitrosodiphenylamine
Concen: 40.628 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.8	80.6
167	36.1	27.5	41.3





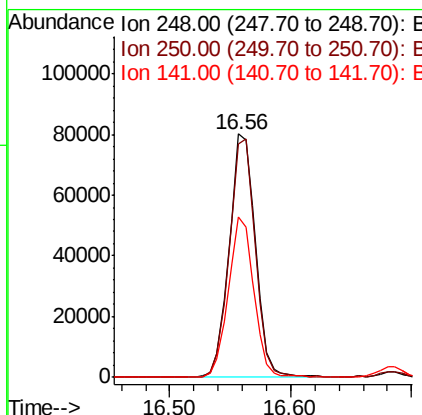
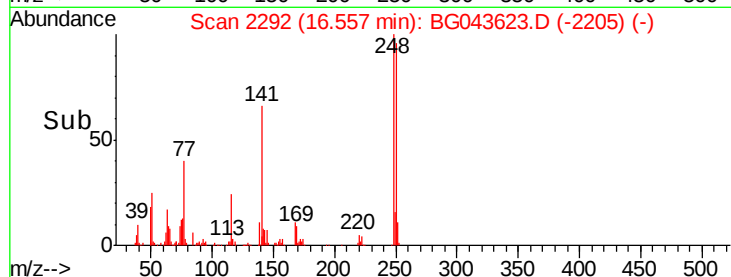
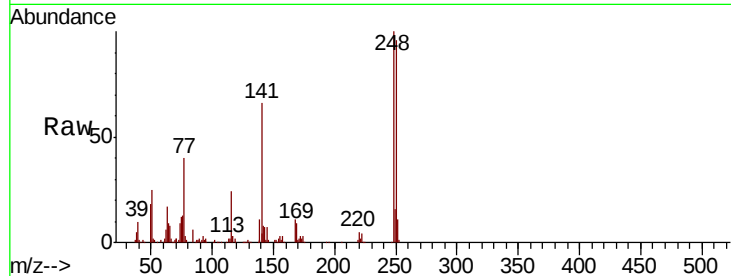
#67
4-Bromophenyl-phenylether
Concen: 38.579 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.4
141	65.8	47.5	71.3

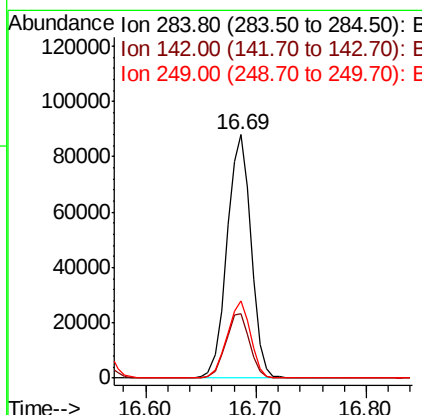
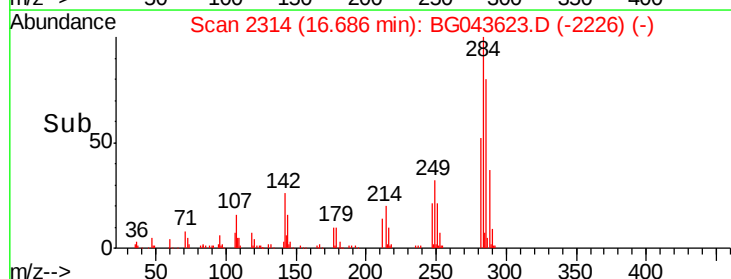
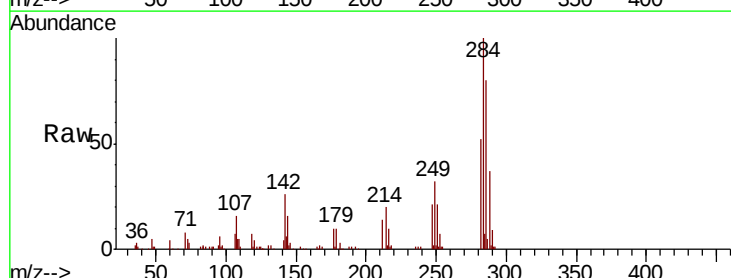
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#68
Hexachlorobenzene
Concen: 37.137 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.3	19.8	29.8
249	32.0	23.8	35.6





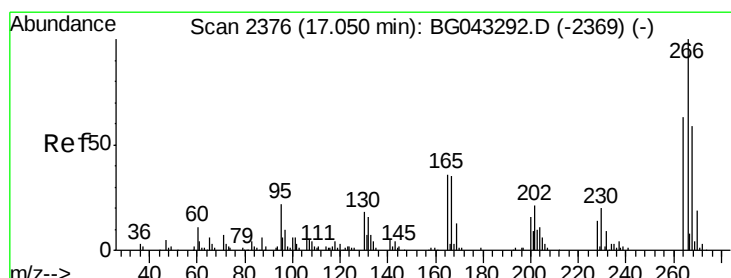
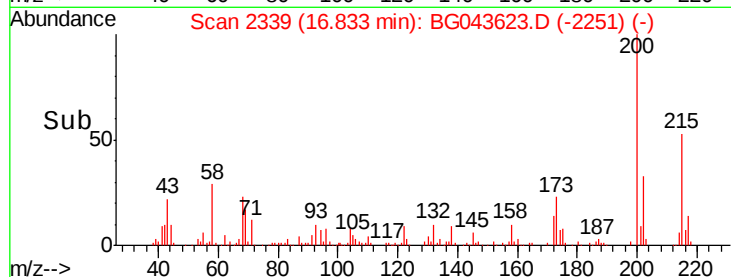
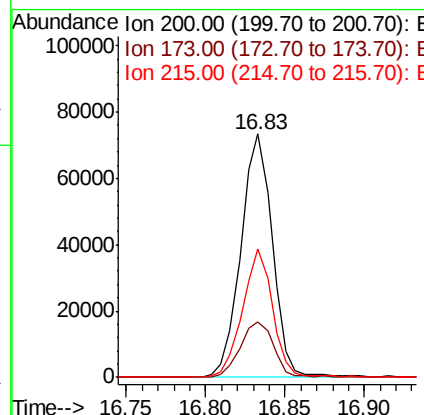
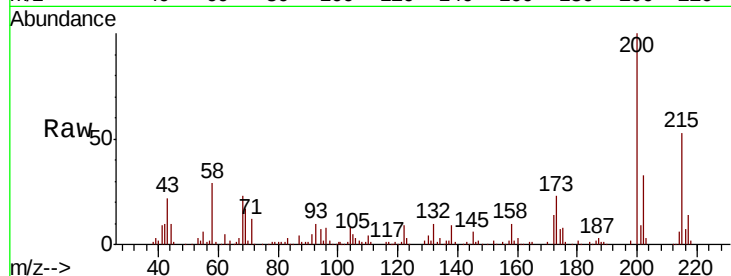
#69
Atrazine
Concen: 44.071 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleID :
PB124754BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.6	4.7	44.7
215	52.5	28.5	68.5

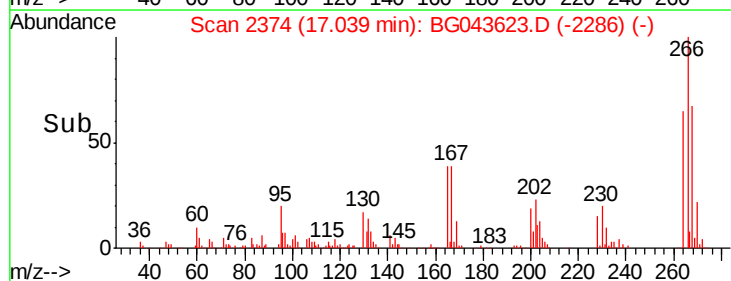
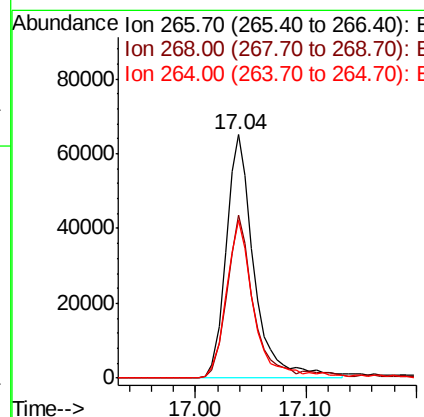
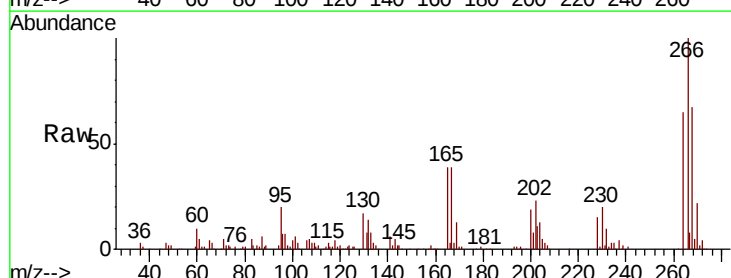
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#70
Pentachlorophenol
Concen: 69.838 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.8	50.4	75.6
264	64.6	48.9	73.3





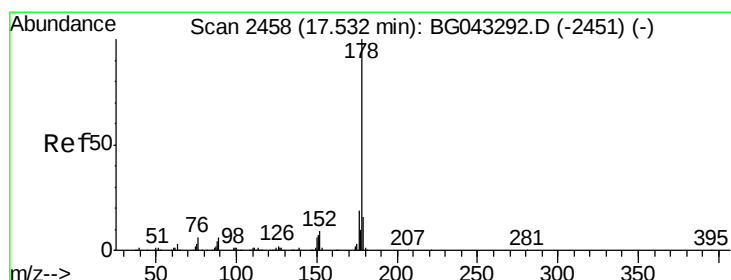
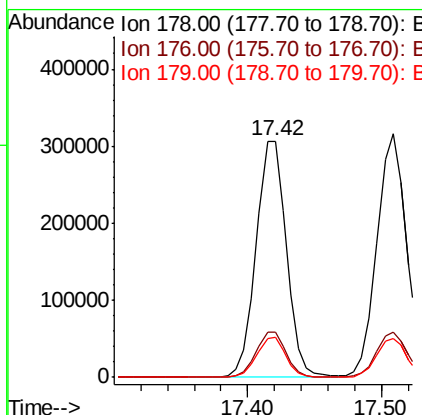
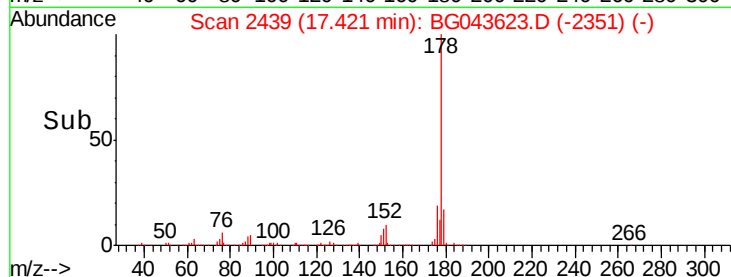
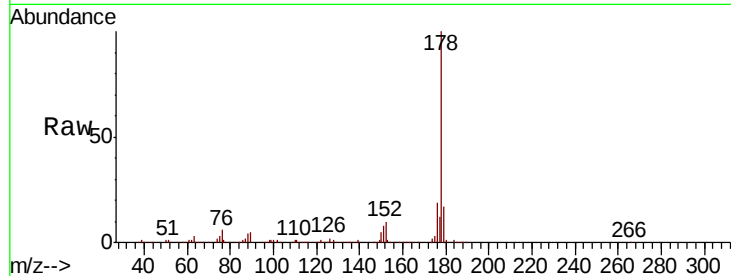
#71
Phenanthrene
Concen: 40.126 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.8	13.0	19.6

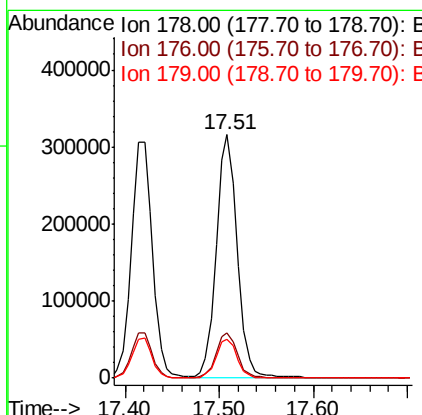
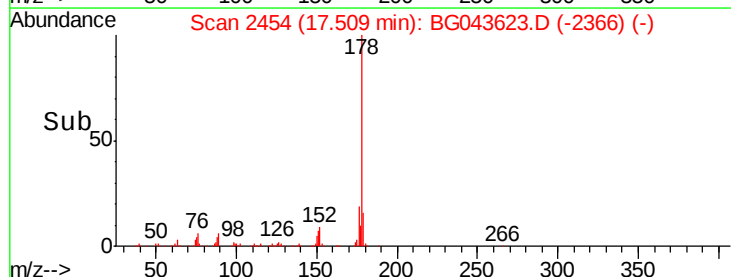
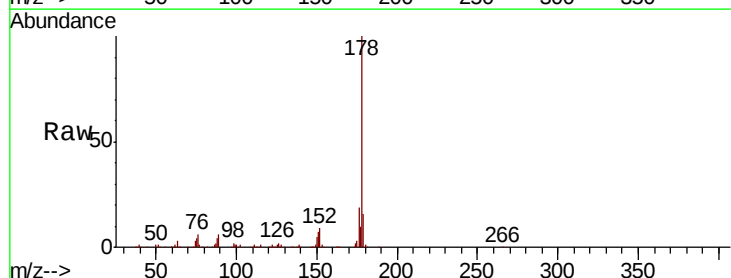
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#72
Anthracene
Concen: 41.126 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.1	13.7	20.5





#73

Carbazole

Concen: 42.048 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

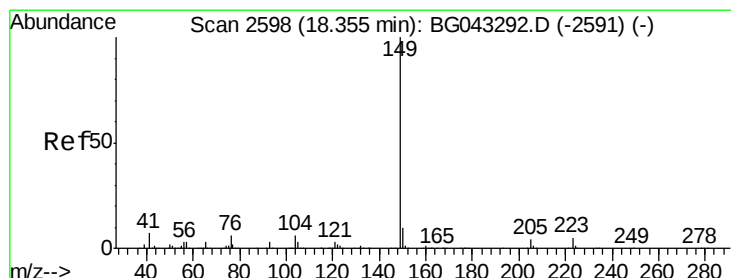
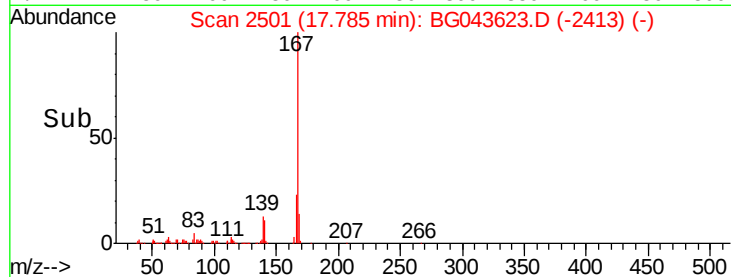
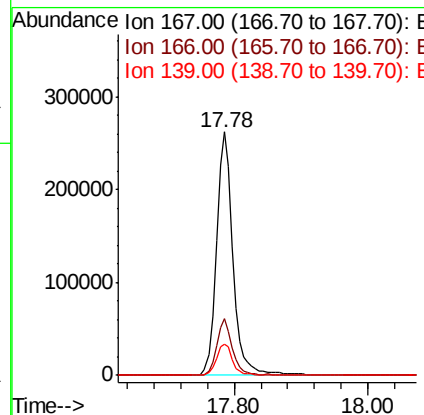
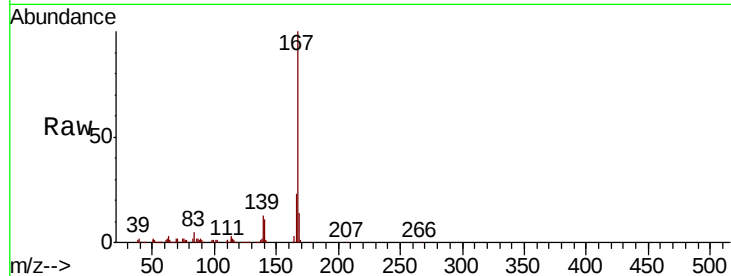
ClientSampleId :

PB124754BSD

Tot Ion:	167	Resp:	455451
Ion Ratio	Lower	Upper	
167	100		
166	23.2	18.7	28.1
139	12.5	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 39.935 ng

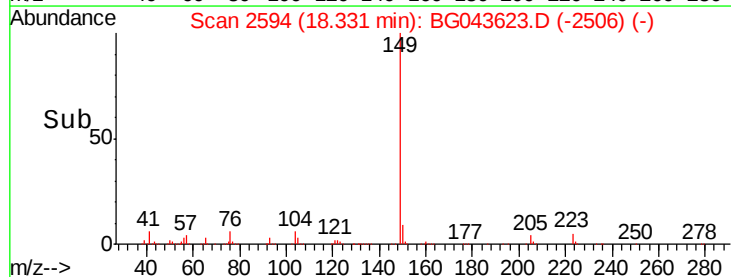
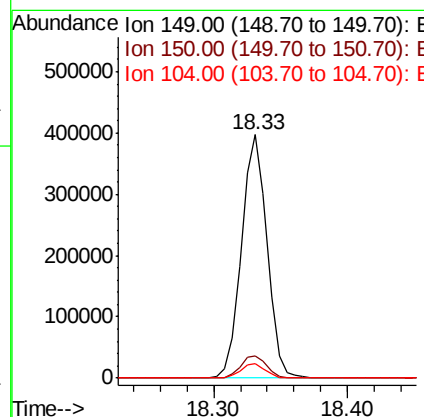
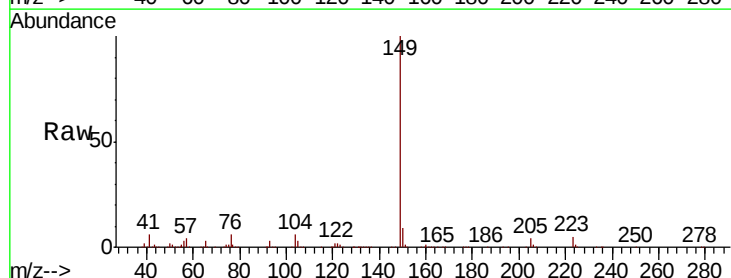
RT: 18.33 min Scan# 2594

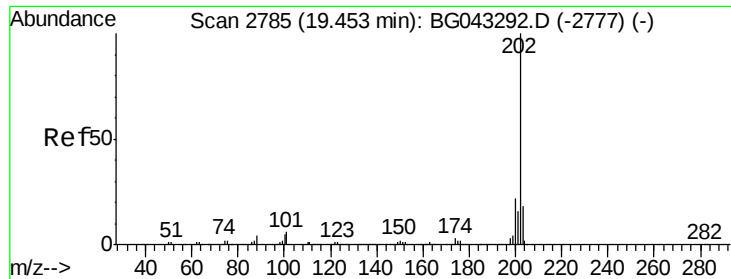
Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	149	Resp:	524846
Ion Ratio	Lower	Upper	
149	100		
150	9.1	8.0	12.0
104	6.2	4.4	6.6





#75

Fluoranthene

Concen: 41.877 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

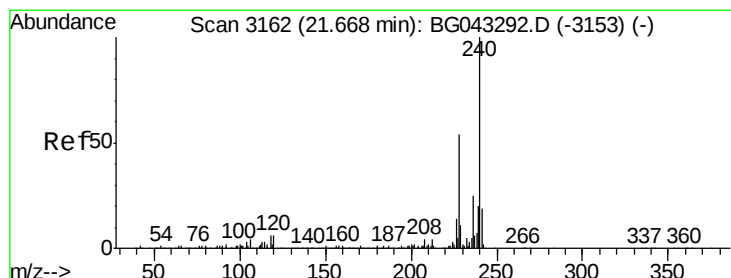
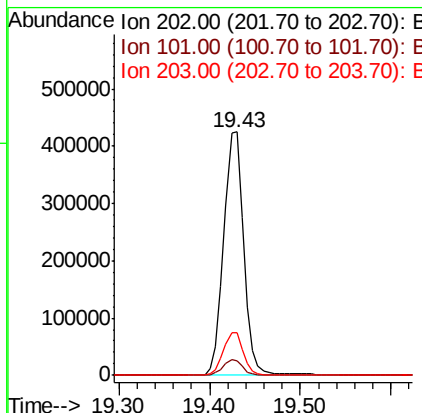
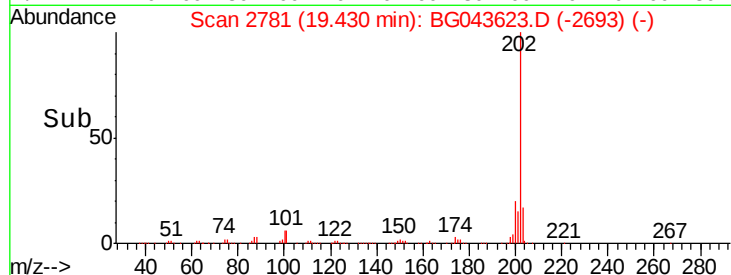
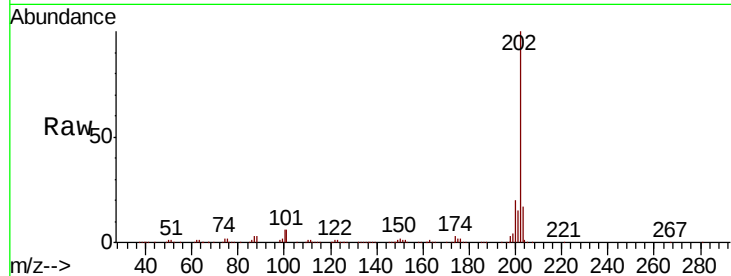
ClientSampleId :

PB124754BSD

Tot Ion:	202	Resp:	652667
Ion Ratio	Lower	Upper	
202	100		
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

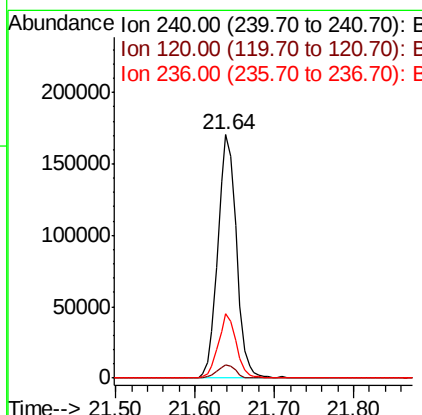
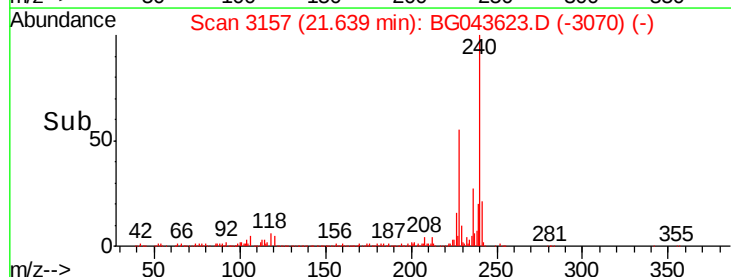
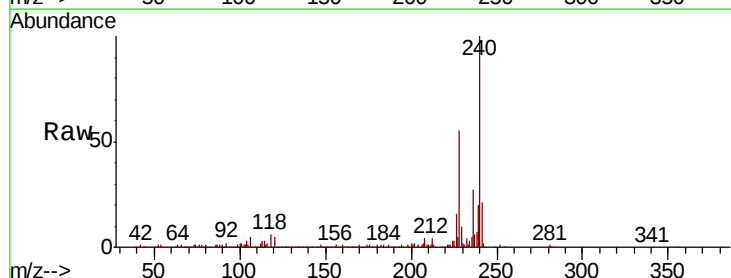
RT: 21.64 min Scan# 3157

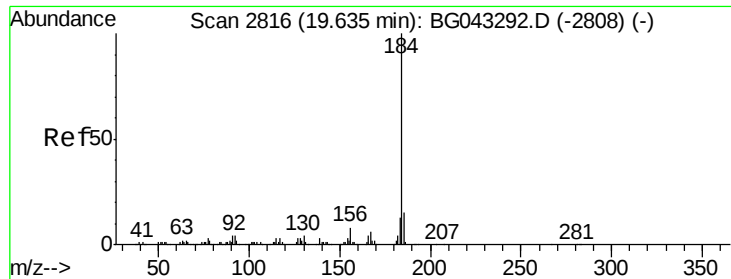
Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	240	Resp:	277868
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.6	6.8
236	26.6	19.8	29.8





#77

Benzidine

Concen: 48.294 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

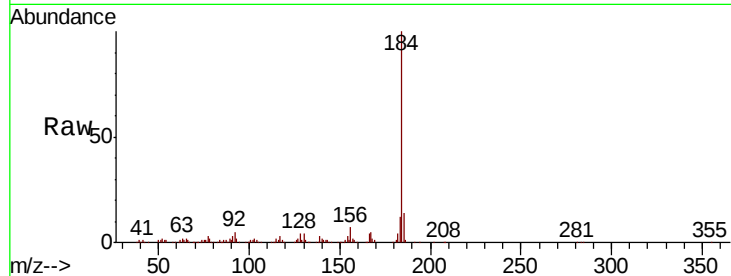
ClientSampleId :

PB124754BSD

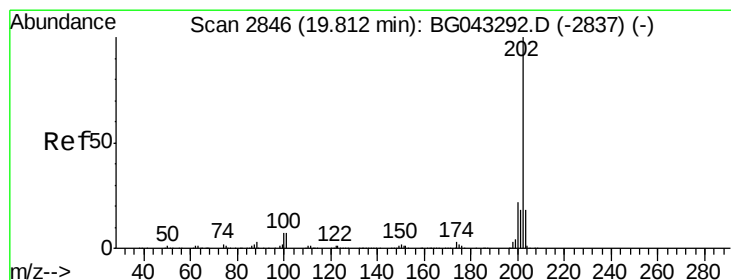
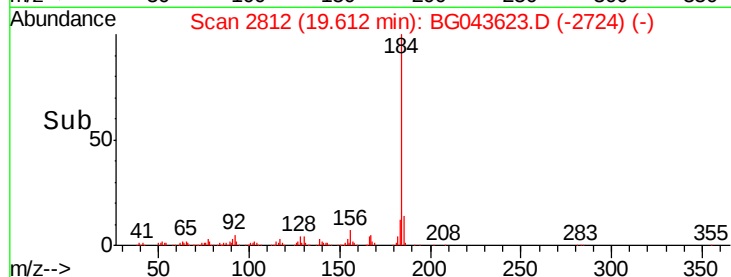
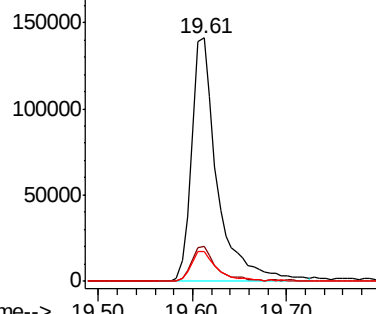
Tot Ion:	184	Resp:	270070
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.0	16.4
183	12.5	10.0	15.0

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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: 38.268 ng

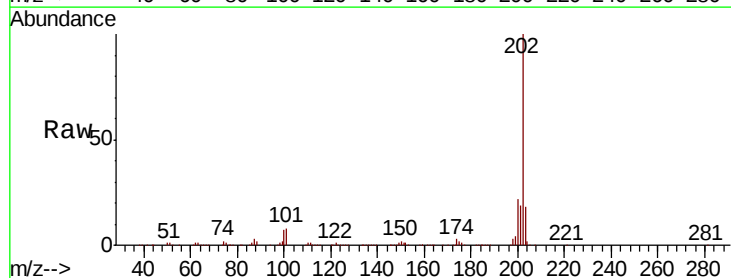
RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

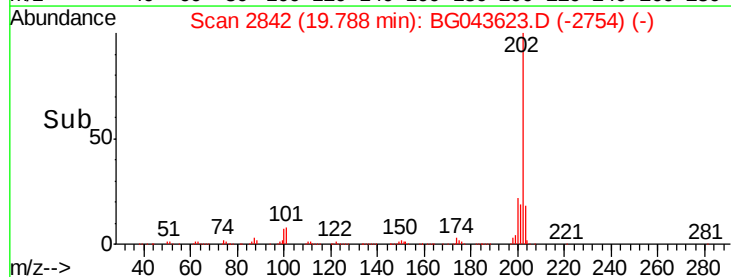
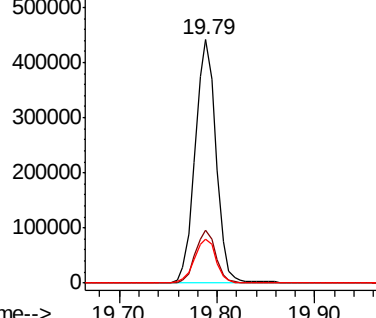
Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	202	Resp:	658198
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.1	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





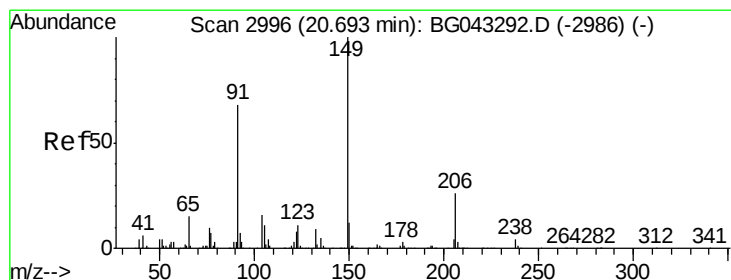
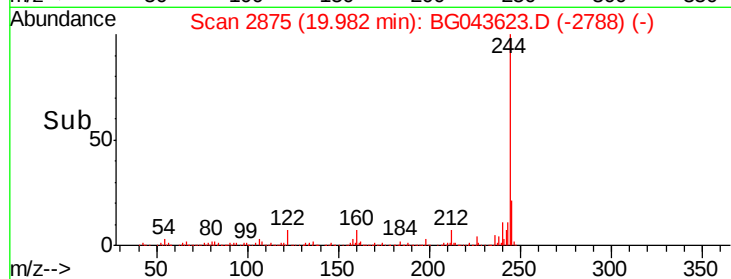
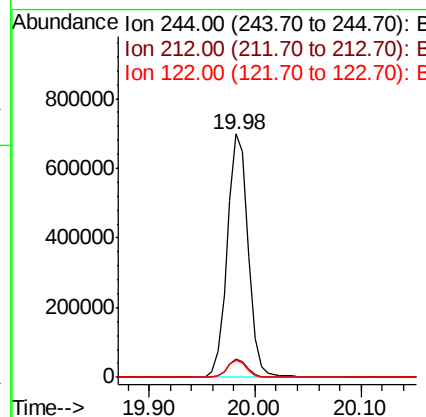
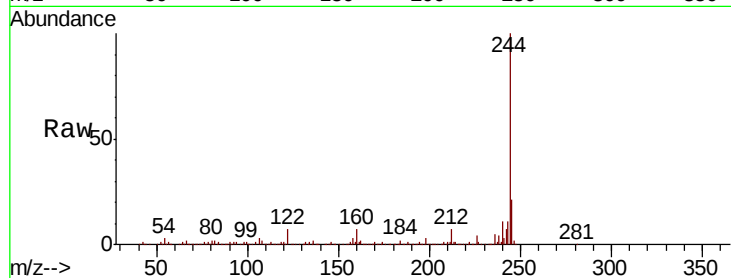
#79
 Terphenyl-d14
 Concen: 64.763 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.8	8.6
122	6.9	5.4	8.2

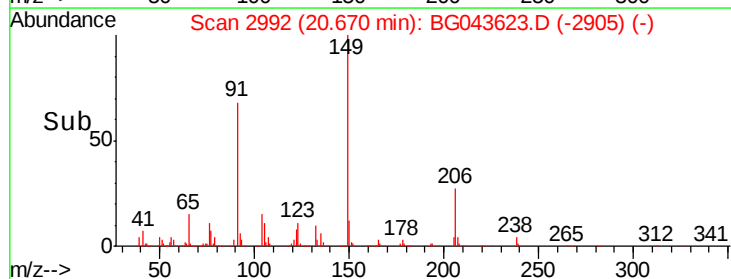
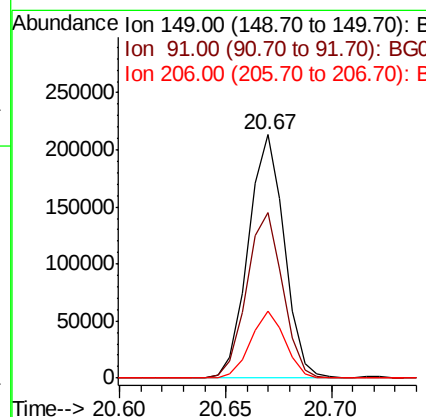
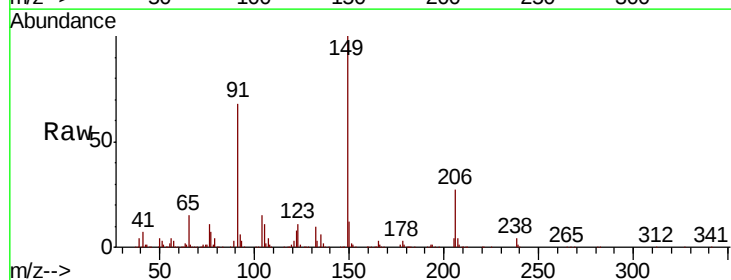
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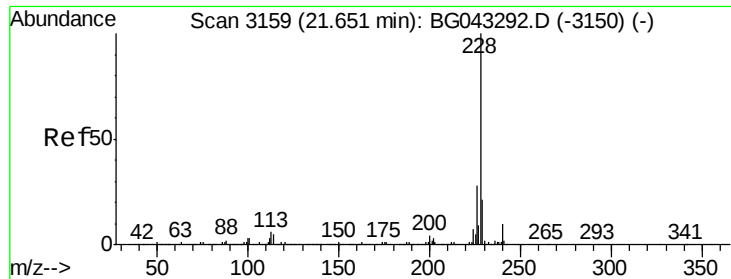
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#80
 Butylbenzylphthalate
 Concen: 38.554 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043623.D
 Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.8	51.2	76.8
206	27.3	22.5	33.7





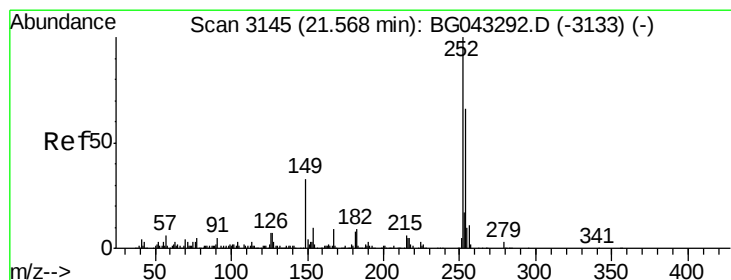
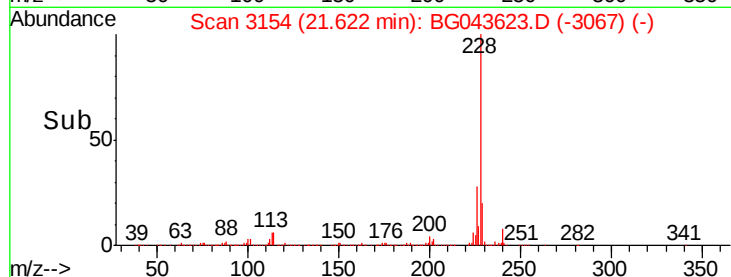
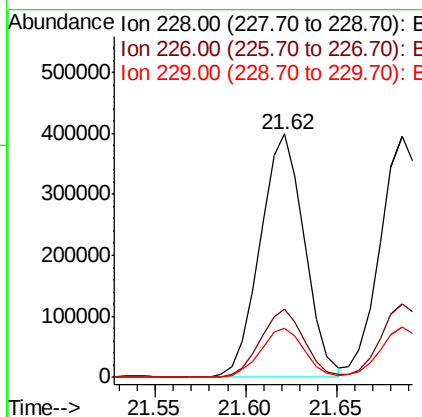
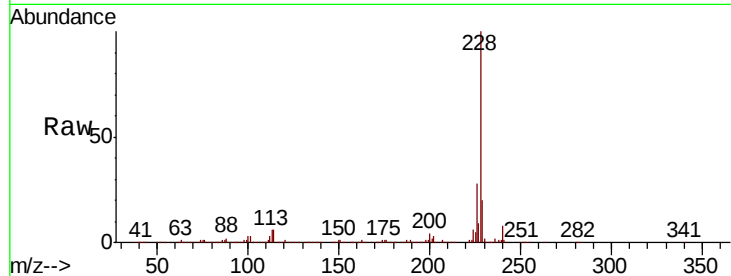
#81
Benzo(a)anthracene
Concen: 39.082 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.3	17.0	25.4

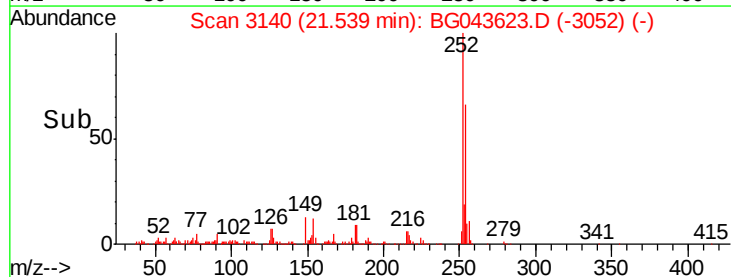
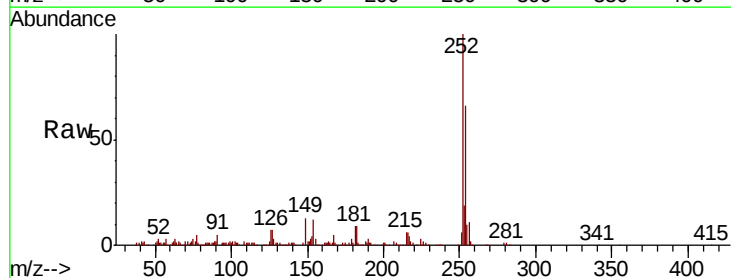
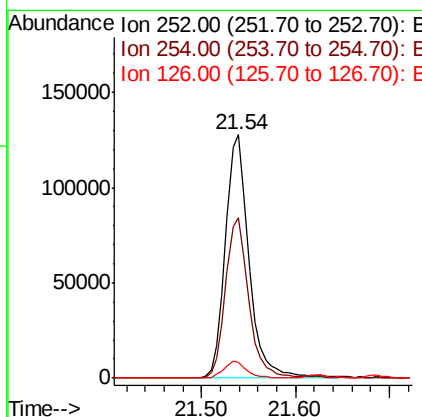
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#82
3,3'-Dichlorobenzidine
Concen: 33.258 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.8	76.2
126	6.6	6.1	9.1





#83

Chrysene

Concen: 38.904 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

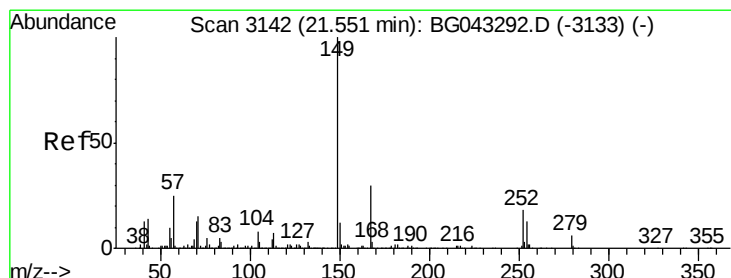
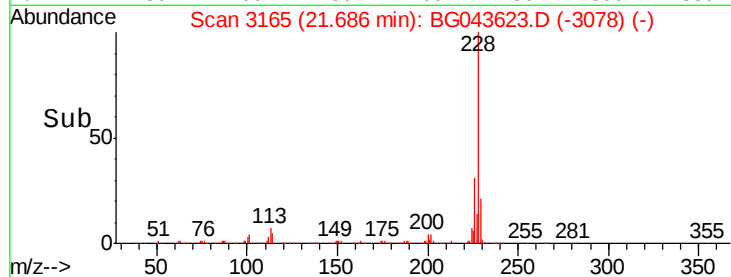
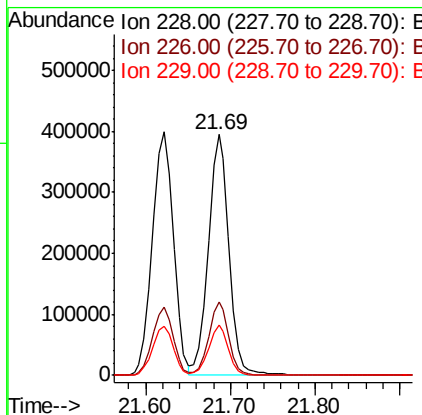
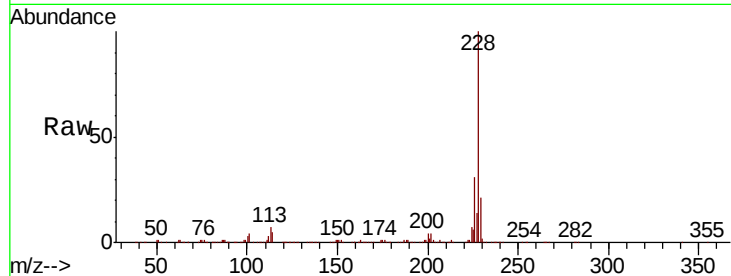
ClientSampleId :

PB124754BSD

Tot Ion:	228	Resp:	672789
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	21.0	17.0	25.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.755 ng

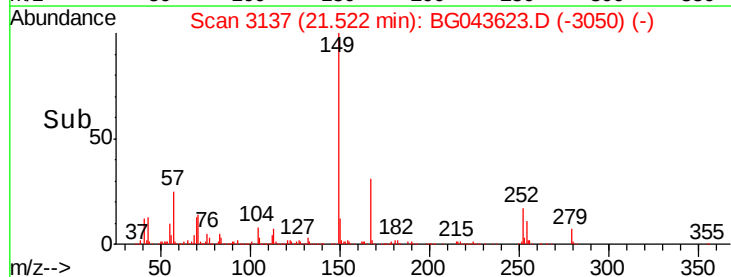
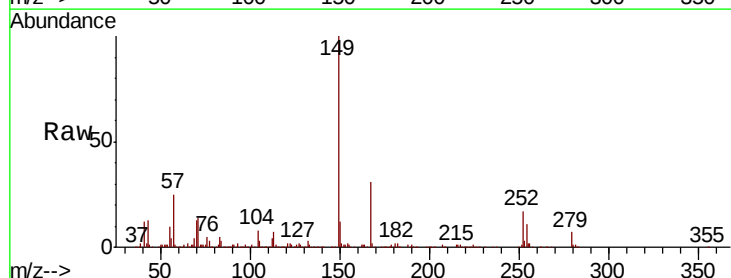
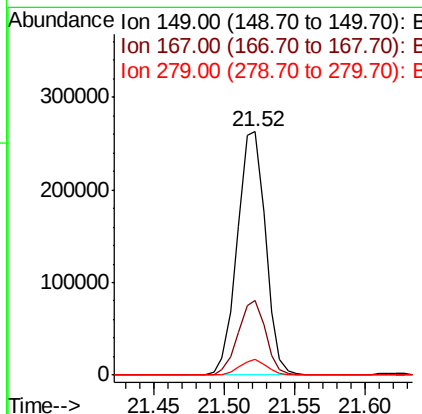
RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Tgt Ion:	149	Resp:	367992
Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.0	36.0
279	6.5	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 40.499 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

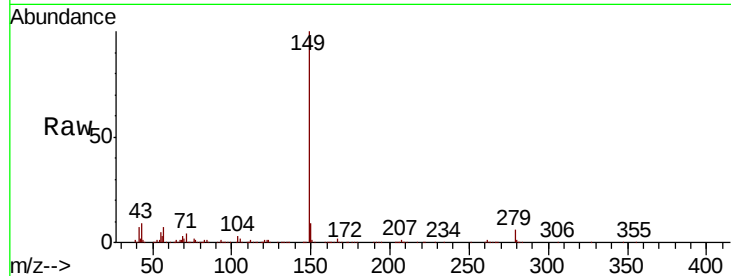
ClientSampleId :

PB124754BSD

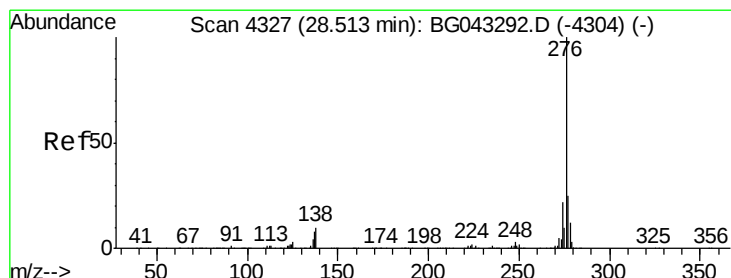
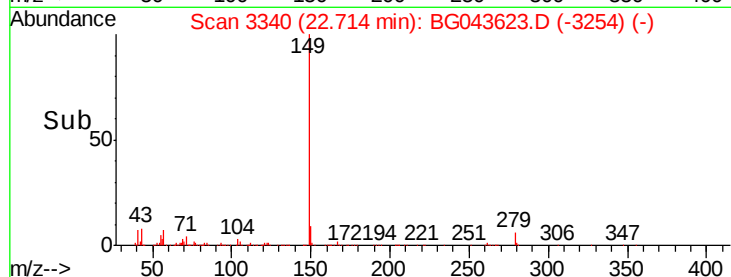
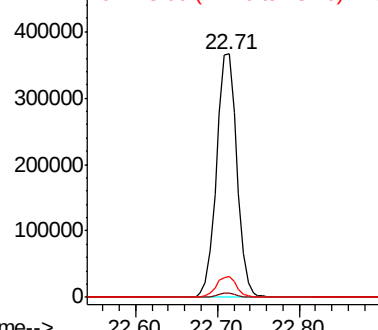
Tot Ion:	149	Resp:	636013
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	8.4	7.0	10.6

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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: 40.652 ng

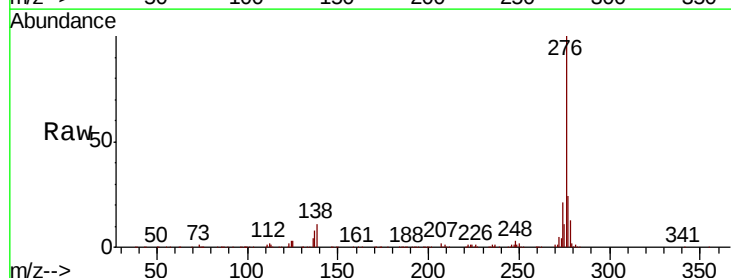
RT: 28.44 min Scan# 4315

Delta R.T. -0.05 min

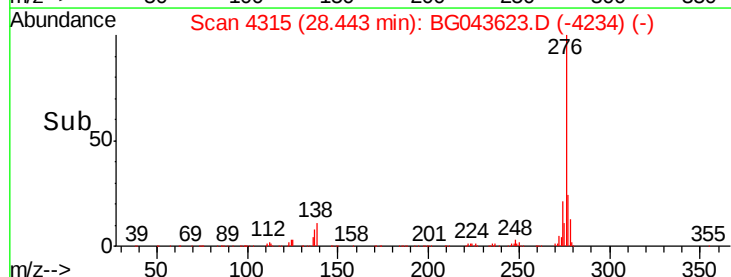
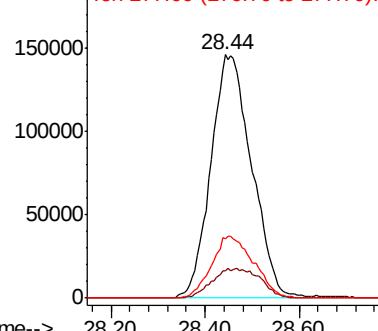
Lab File: BG043623.D

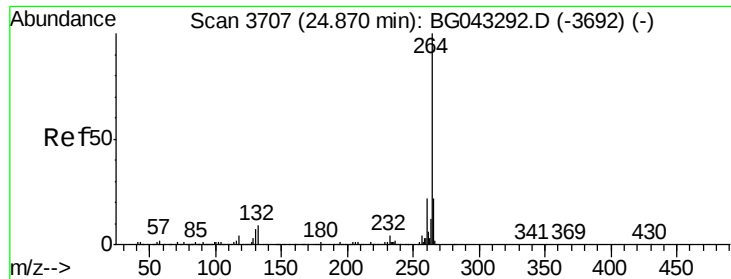
Acq: 13 Nov 2019 21:56

Tgt Ion:	276	Resp:	882473
Ion Ratio	Lower	Upper	
276	100		
138	6.0	6.8	10.2#
277	26.3	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: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043623.D

Acq: 13 Nov 2019 21:56

Instrument :

BNA_G

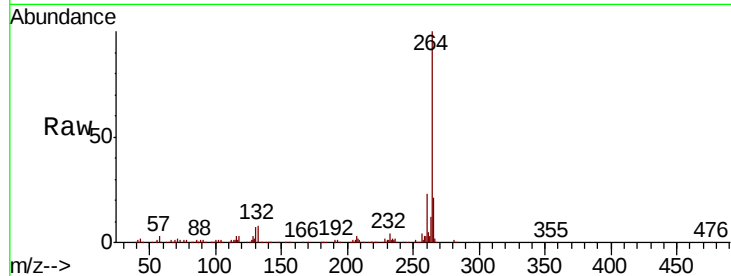
ClientSampleId :

PB124754BSD

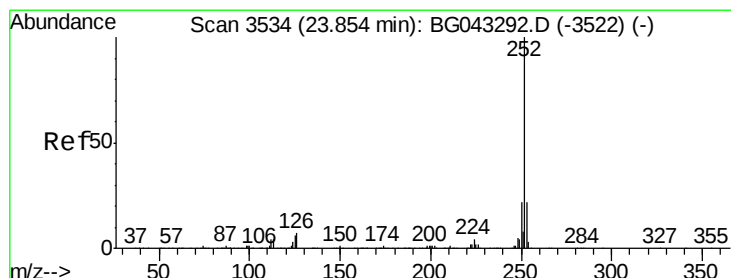
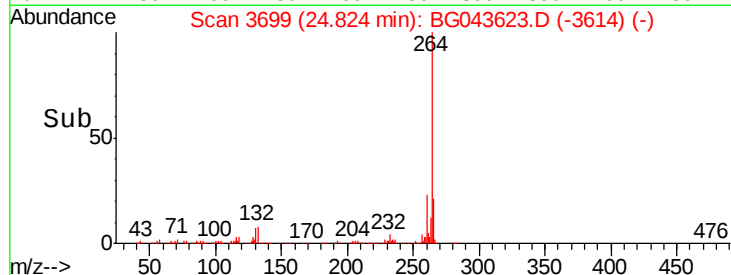
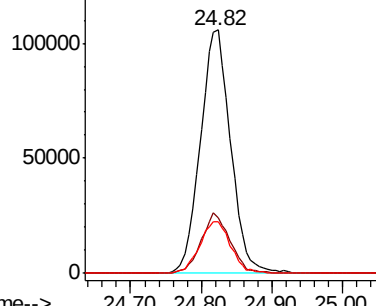
Tot Ion:	264	Resp:	314866
Ion Ratio	Lower	Upper	
264	100		
260	22.7	17.5	26.3
265	21.3	17.4	26.0

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



#88

Benzo(b)fluoranthene

Concen: 42.506 ng

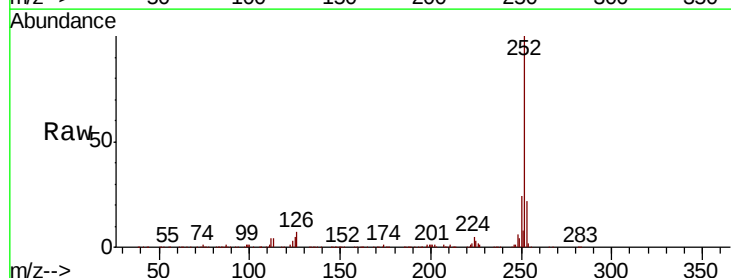
RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

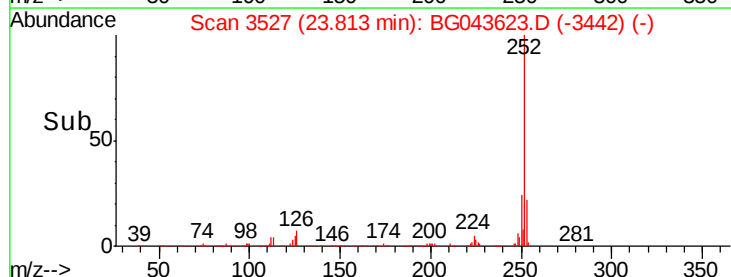
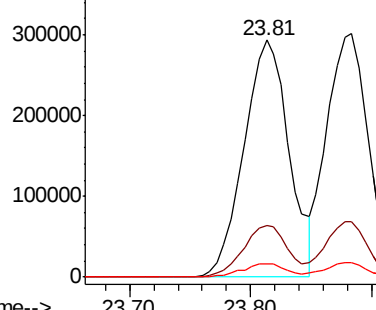
Lab File: BG043623.D

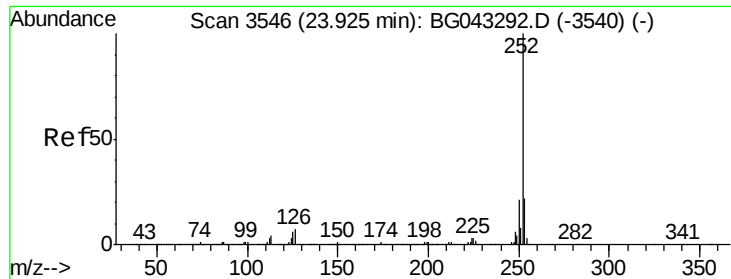
Acq: 13 Nov 2019 21:56

Tgt Ion:	252	Resp:	758004
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.7	26.5
125	5.3	4.5	6.7



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





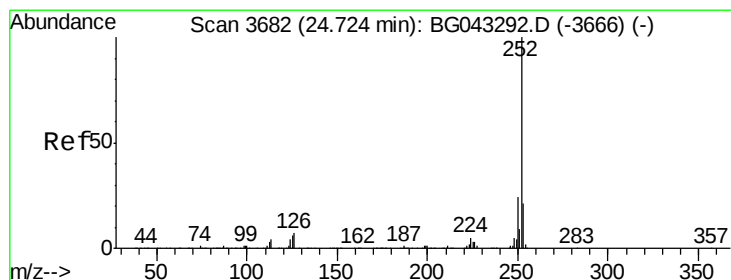
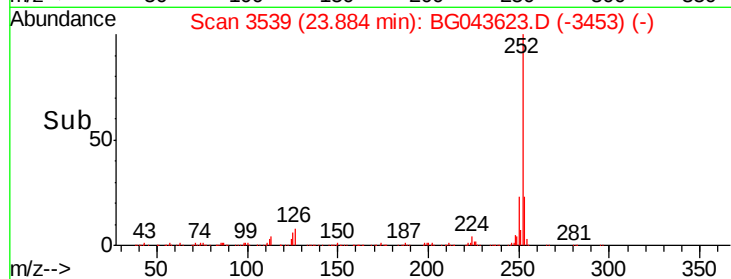
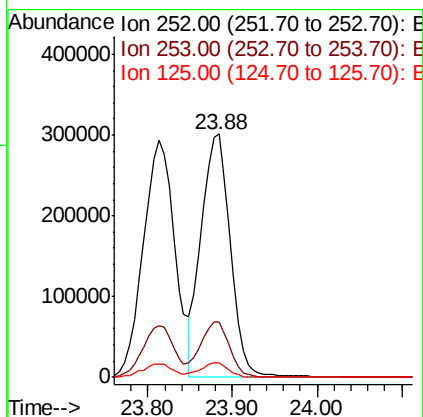
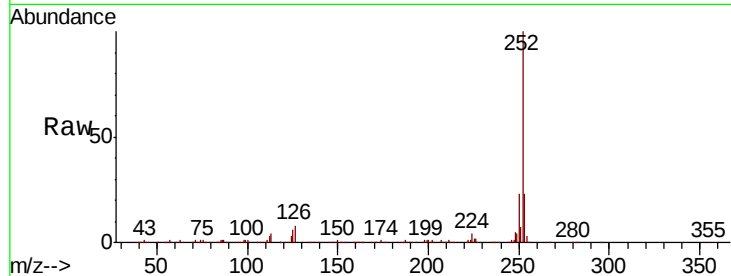
#89
Benzo(k)fluoranthene
Concen: 40.391 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	6.1	4.6	6.8

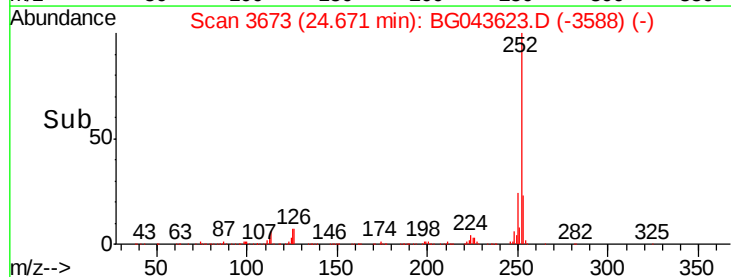
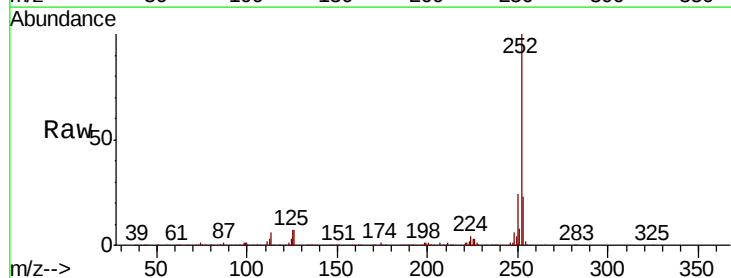
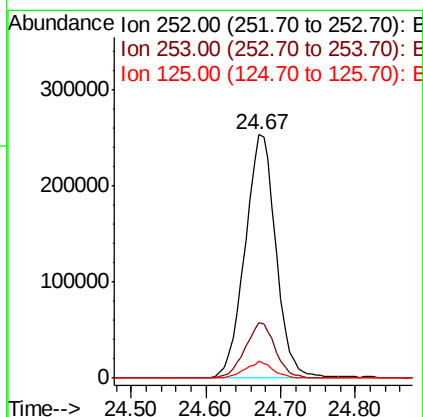
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#90
Benzo(a)pyrene
Concen: 42.718 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.9	5.4	8.2





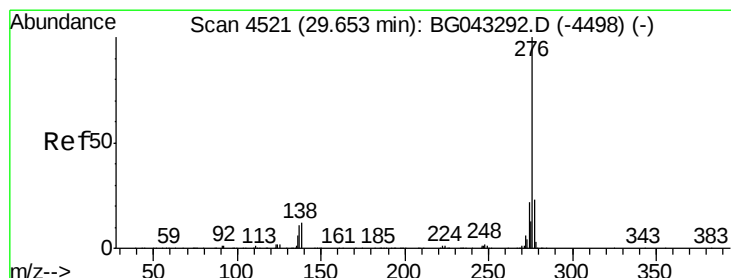
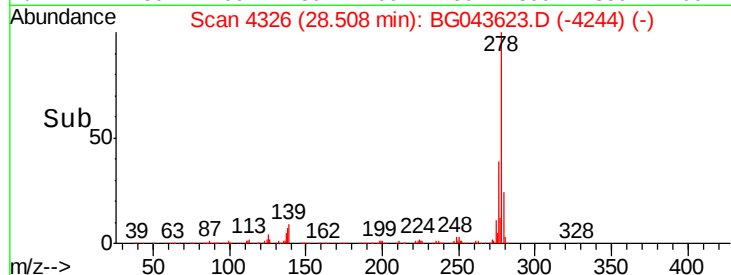
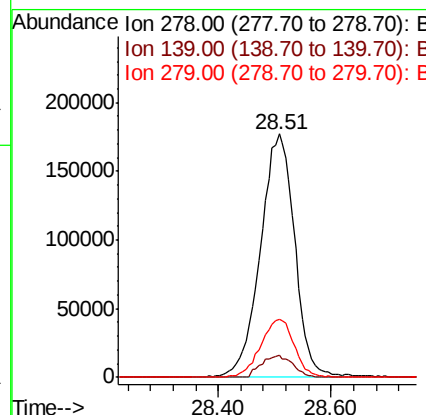
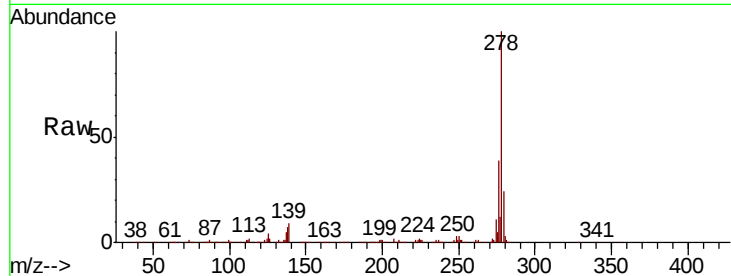
#91
Dibenzo(a,h)anthracene
Concen: 42.783 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.05 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Instrument :
BNA_G
ClientSampleId :
PB124754BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.4	11.0
279	24.1	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 42.786 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.05 min
Lab File: BG043623.D
Acq: 13 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	11.7	8.9	13.3

