

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043301.D
 Acq On : 22 Oct 2019 11:10
 Operator : JU
 Sample : PB123945BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Manual Integrations
 APPROVED

mohammad
 10/22/2019 10:29:08 PM

Quant Time: Oct 22 13:10:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29908	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	119341	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87993	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	209091	20.00	ng	0.00
76) Chrysene-d12	21.67	240	258247	20.00	ng	0.00
87) Perylene-d12	24.87	264	295260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	207784	127.31	ng	0.00
7) Phenol-d6	7.20	99	284942	121.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	144836	62.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	191369	114.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	397857	62.48	ng	0.00
79) Terphenyl-d14	20.00	244	876172	63.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24476	38.483	ng	# 92
3) Pyridine	3.89	79	59167	36.878	ng	96
4) n-Nitrosodimethylamine	3.80	42	37313	46.088	ng	98
6) Aniline	7.35	93	98114	36.270	ng	96
8) 2-Chlorophenol	7.59	128	84685	47.003	ng	98
9) Benzaldehyde	7.16	77	49603	42.982	ng	91
10) Phenol	7.23	94	99729	46.476	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	71999	43.398	ng	95
12) 1,3-Dichlorobenzene	7.92	146	94309	41.778	ng	90
13) 1,4-Dichlorobenzene	8.06	146	95075	41.628	ng	97
14) 1,2-Dichlorobenzene	8.38	146	91196	40.895	ng	99
15) Benzyl Alcohol	8.27	79	72673	44.066	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99866	41.398	ng	97
17) 2-Methylphenol	8.48	107	70235	44.899	ng	96
18) Hexachloroethane	9.11	117	33829	41.054	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	60189	39.666	ng	# 94
20) 3+4-Methylphenols	8.81	107	94628	44.114	ng	93
22) Acetophenone	8.85	105	122513	40.087	ng	98
24) Nitrobenzene	9.23	77	93937	42.599	ng	94
25) Isophorone	9.75	82	179444	42.400	ng	98
26) 2-Nitrophenol	9.94	139	47743	44.846	ng	95
27) 2,4-Dimethylphenol	10.01	122	78832	51.663	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	96769	41.428	ng	99
29) 2,4-Dichlorophenol	10.49	162	86679	44.336	ng	86
30) 1,2,4-Trichlorobenzene	10.69	180	101578	41.223	ng	100
31) Naphthalene	10.88	128	263476	43.494	ng	98
32) Benzoic acid	10.14	122	36142	34.221	ng	91
33) 4-Chloroaniline	11.00	127	56522	22.762	ng	98
34) Hexachlorobutadiene	11.17	225	73839	40.537	ng	89
35) Caprolactam	11.75	113	29895m	44.399	ng	
36) 4-Chloro-3-methylphenol	12.12	107	96728	45.358	ng	98
37) 2-Methylnaphthalene	12.48	142	200502	43.138	ng	96
38) 1-Methylnaphthalene	12.70	142	191897	43.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	129497	39.766	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174026	101.731	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	82958	43.257	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	86749	44.743	nq	99
46) 1,1'-Biphenyl	13.49	154	273829	40.906	nq	99
47) 2-Chloronaphthalene	13.53	162	211575	41.540	nq	98
48) 2-Nitroaniline	13.73	65	59844	39.312	nq	100
49) Acenaphthylene	14.38	152	344848	43.503	nq	98
50) Dimethylphthalate	14.10	163	290599	42.637	nq	99
51) 2,6-Dinitrotoluene	14.22	165	63121	42.629	nq	99
52) Acenaphthene	14.72	154	202974	41.988	nq	100
53) 3-Nitroaniline	14.56	138	42093	29.444	nq	98
54) 2,4-Dinitrophenol	14.76	184	70968	77.049	nq	92
55) Dibenzofuran	15.05	168	336249	42.893	nq	99
56) 4-Nitrophenol	14.88	139	96216	100.434	nq	94
57) 2,4-Dinitrotoluene	15.02	165	90686	42.856	nq	100
58) Fluorene	15.70	166	282448	42.958	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	93939	45.603	nq	# 99
60) Diethylphthalate	15.47	149	289443	42.265	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	160438	41.828	nq	93
62) 4-Nitroaniline	15.73	138	60341	40.871	nq	99
63) Azobenzene	15.98	77	242935	43.832	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	57113	46.414	nq	87
66) n-Nitrosodiphenylamine	15.90	169	252673	42.803	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	115600	41.082	nq	98
68) Hexachlorobenzene	16.71	284	128646	39.829	nq	99
69) Atrazine	16.85	200	115152	56.138	nq	92
70) Pentachlorophenol	17.05	266	142527	96.839	nq	96
71) Phenanthrene	17.44	178	455729	42.564	nq	99
72) Anthracene	17.53	178	477654	44.588	nq	99
73) Carbazole	17.80	167	438059	45.156	nq	99
74) Di-n-butylphthalate	18.35	149	525170	44.616	nq	99
75) Fluoranthene	19.45	202	648767	46.478	nq	99
77) Benzidine	19.63	184	306282	58.931	nq	98
78) Pyrene	19.81	202	657550	41.135	nq	100
80) Butylbenzylphthalate	20.69	149	250210	41.315	nq	97
81) Benzo(a)anthracene	21.65	228	699718	43.255	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	203731	32.562	nq	98
83) Chrysene	21.71	228	686579	42.718	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	366860	42.644	nq	99
85) Di-n-octyl phthalate	22.75	149	628788	43.081	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	862539	42.753	nq	100
88) Benzo(b)fluoranthene	23.85	252	711191	42.529	nq	99
89) Benzo(k)fluoranthene	23.92	252	747972	44.430	nq	99
90) Benzo(a)pyrene	24.72	252	675974	42.331	nq	99
91) Dibenzo(a,h)anthracene	28.58	278	724438	44.352	nq	98
92) Benzo(g,h,i)perylene	29.65	276	733100	45.501	nq	97

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



#1

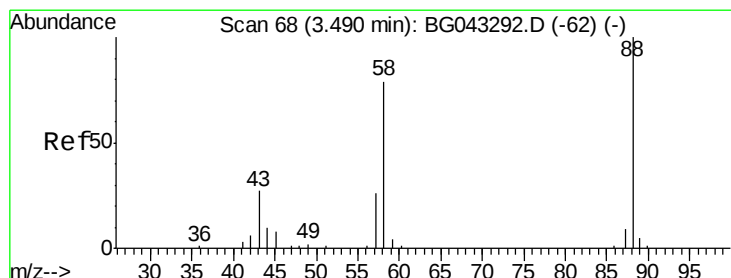
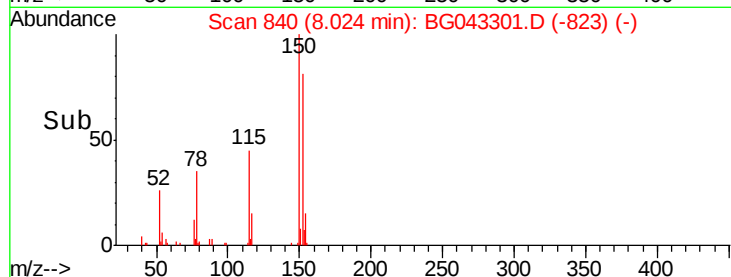
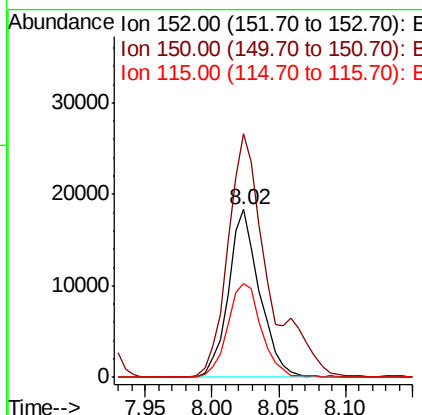
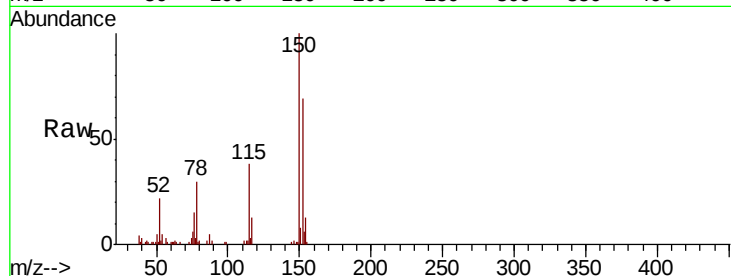
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	113.6	170.4
115	55.8	45.9	68.9

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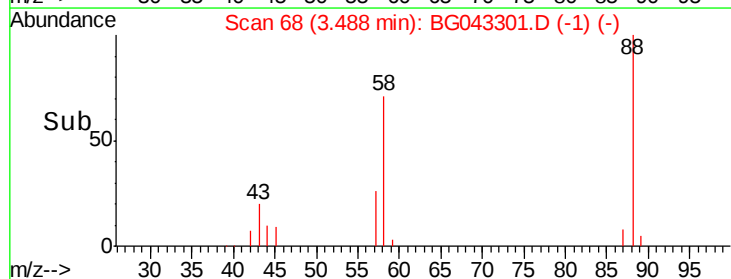
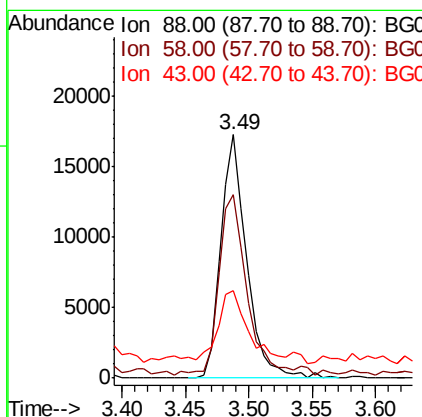
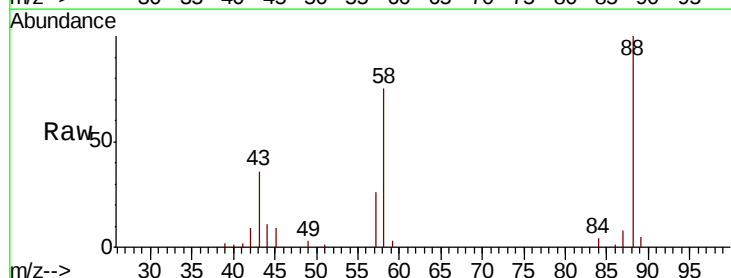
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#2

1,4-Dioxane
Concen: 38.483 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	60.2	90.2
43	34.4	22.7	34.1#





#3

Pvridine

Concen: 36.878 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

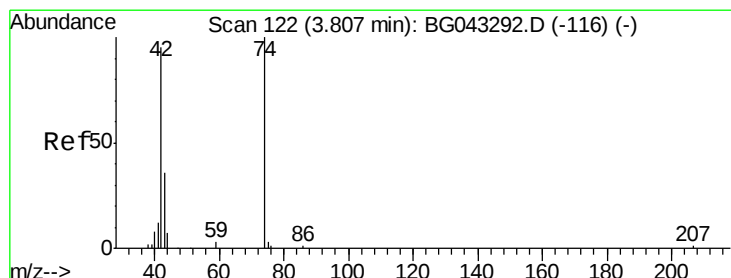
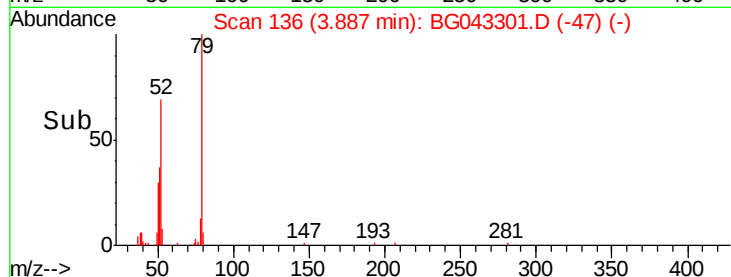
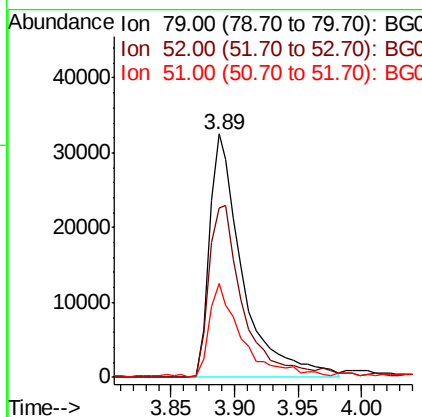
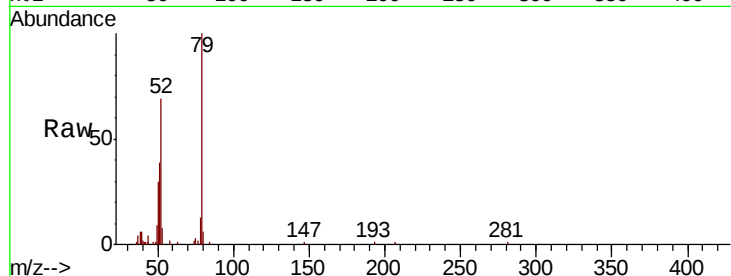
ClientSampleId :

PB123945BSD

Tot Ion:	79	Resp:	59167
Ion Ratio	Lower	Upper	
79	100		
52	69.4	59.7	89.5
51	38.8	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.088 ng

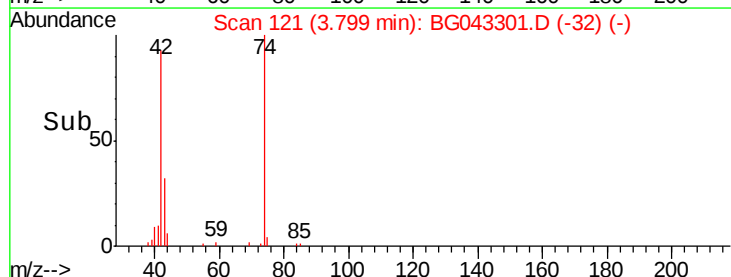
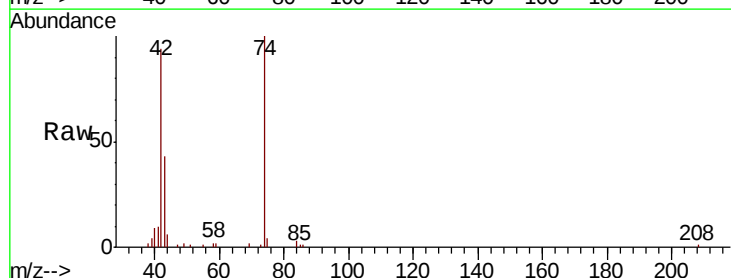
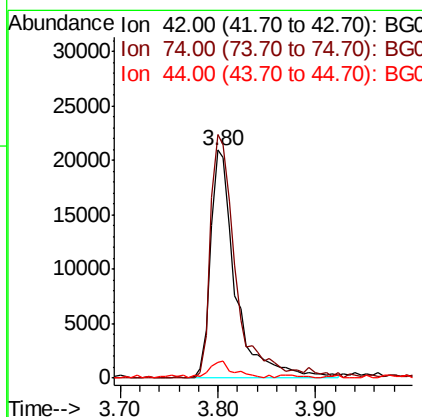
RT: 3.80 min Scan# 121

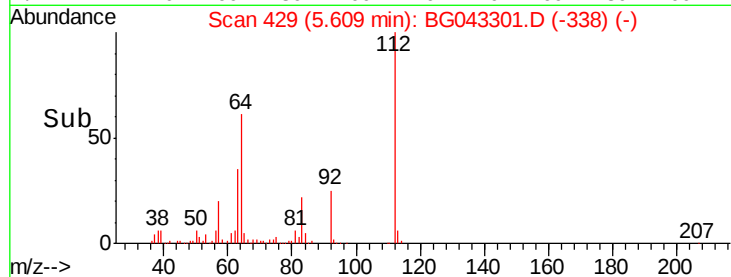
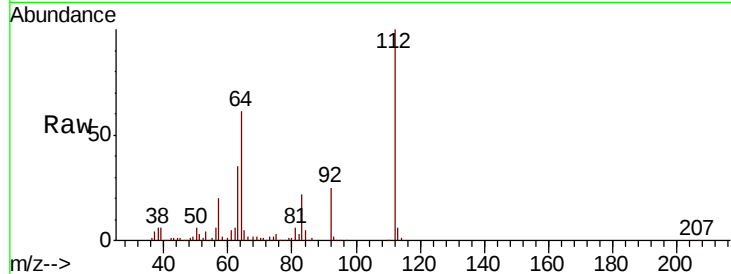
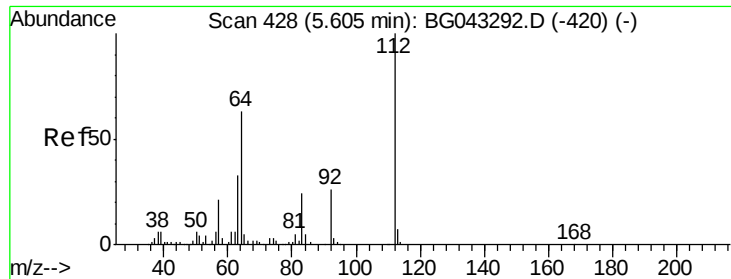
Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	42	Resp:	37313
Ion Ratio	Lower	Upper	
42	100		
74	106.8	84.2	126.2
44	6.9	6.0	9.0





#5

2-Fluorophenol

Concen: 127.308 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

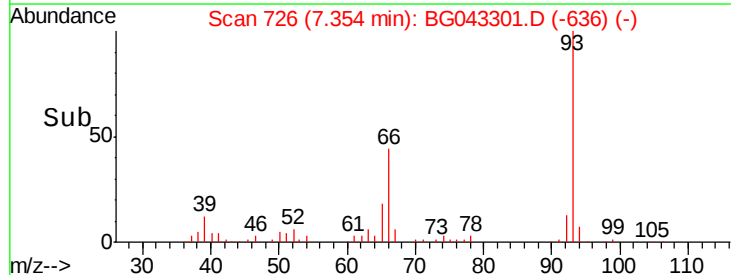
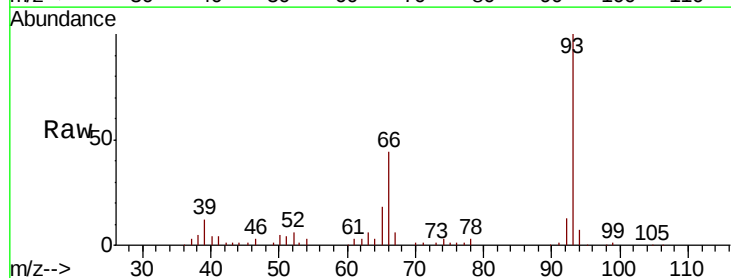
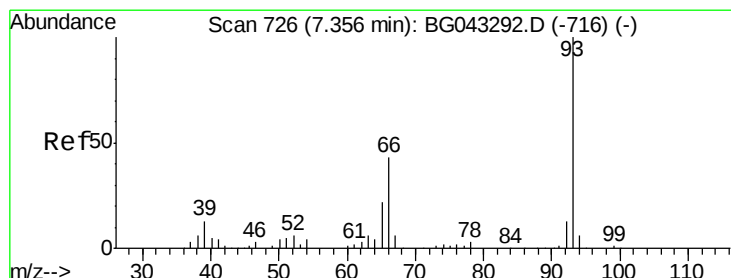
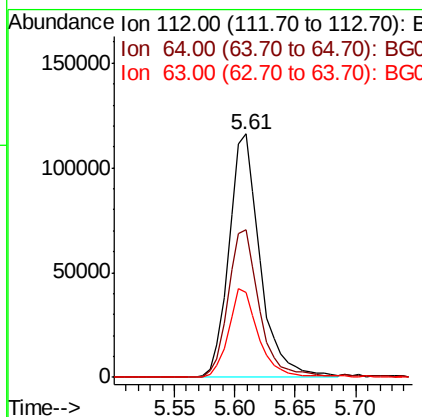
ClientSampleId :

PB123945BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	207784		
64	60.7		50.2	75.2
63	34.7		26.7	40.1

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#6

Aniline

Concen: 36.270 ng

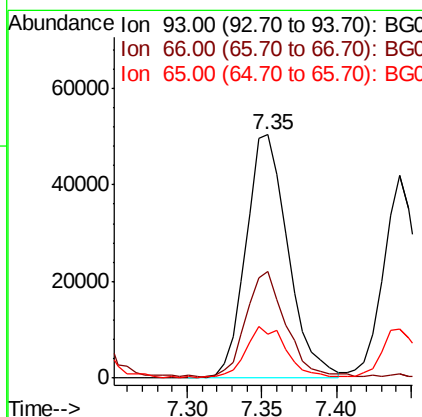
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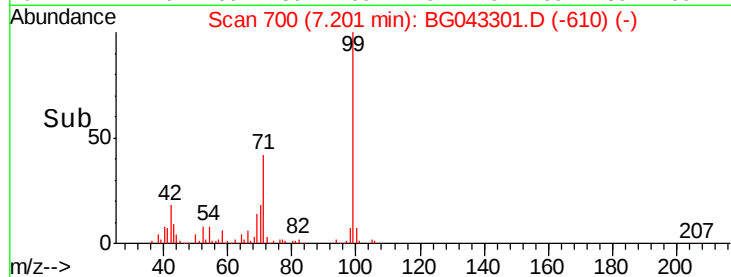
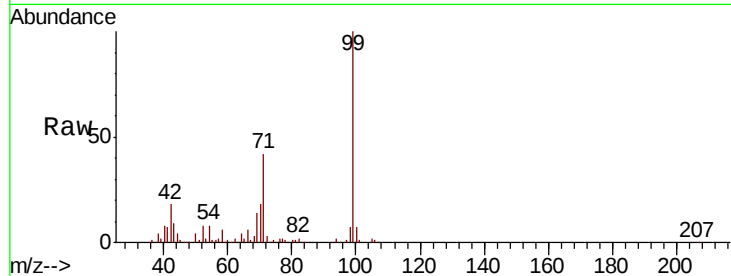
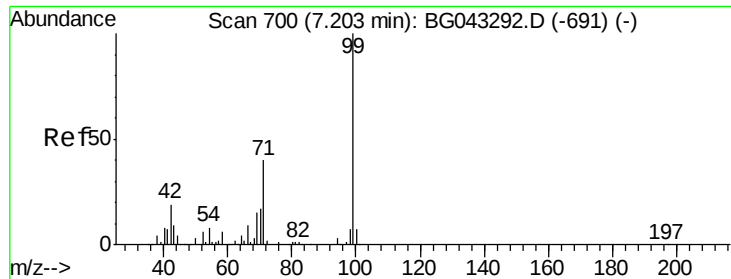
Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	98114		
66	43.9		34.5	51.7
65	18.0		18.0	27.0





#7

Phenol-d6

Concen: 121.342 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tot Ion:	99	Resp:	284942
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.9	22.3
71	42.0	32.2	48.2

Instrument :

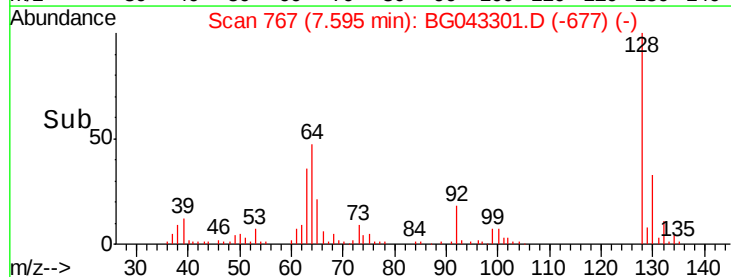
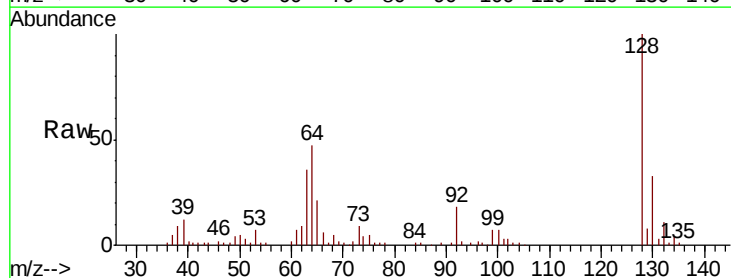
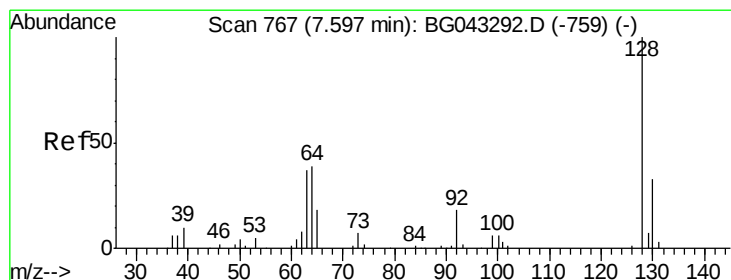
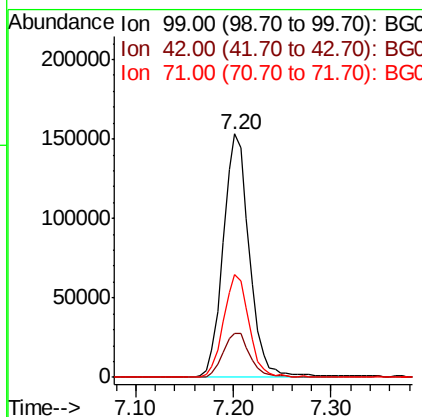
BNA_G

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#8

2-Chlorophenol

Concen: 47.003 ng

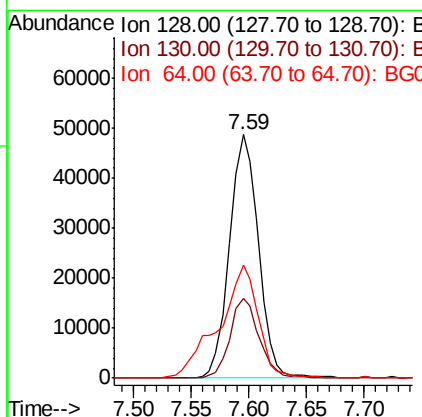
RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	128	Resp:	84685
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	46.6	24.9	64.9





#9

Benzaldehyde

Concen: 42.982 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

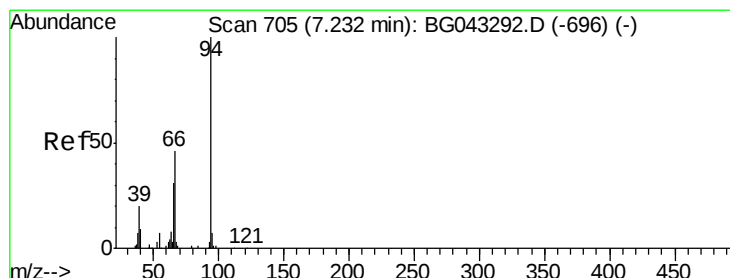
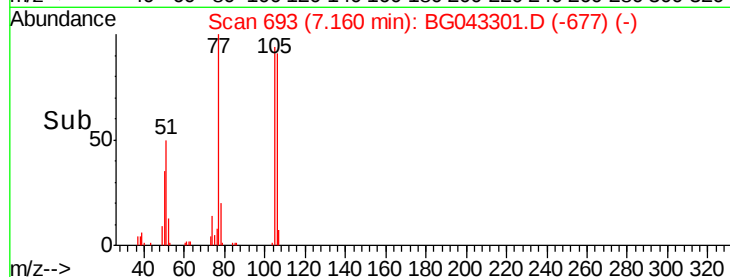
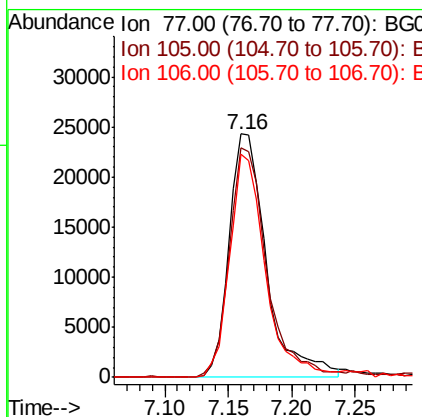
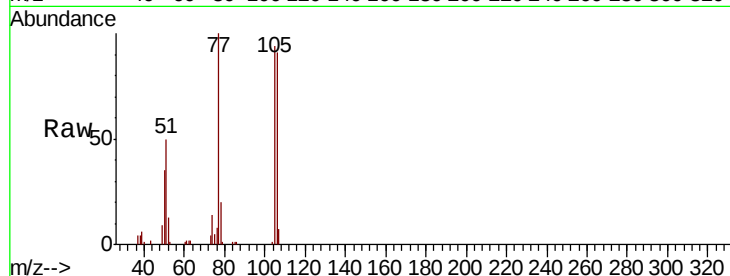
ClientSampleId :

PB123945BSD

Tot Ion:	77	Resp:	49603
Ion	Ratio	Lower	Upper
77	100		
105	94.1	68.7	108.7
106	91.4	60.5	100.5

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#10

Phenol

Concen: 46.476 ng

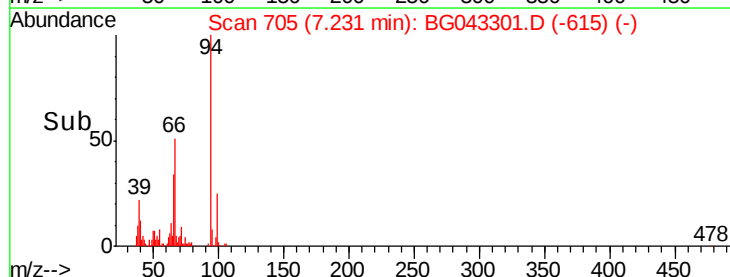
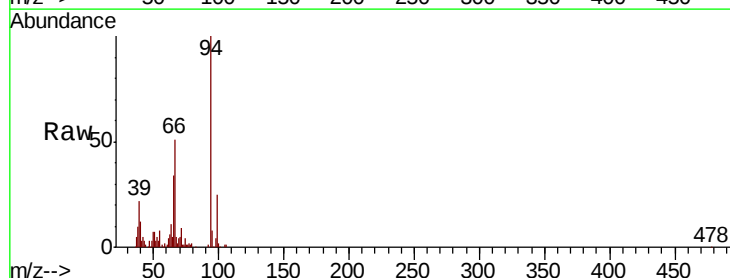
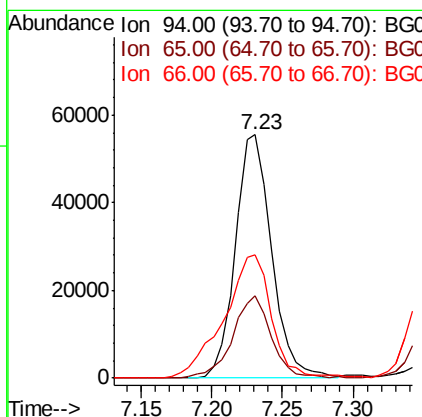
RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	94	Resp:	99729
Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.1	51.1
66	50.7	27.8	67.8





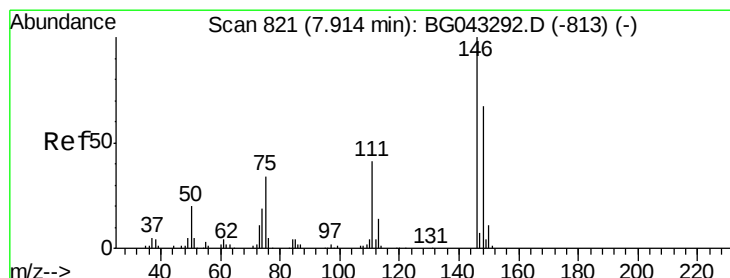
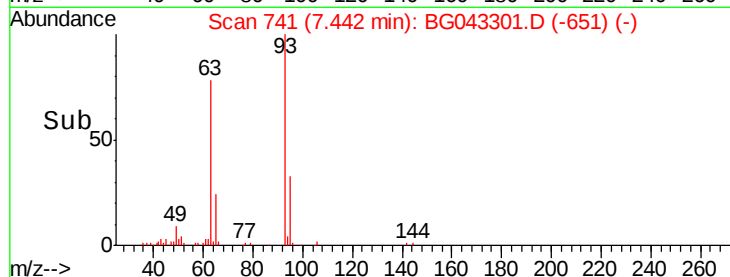
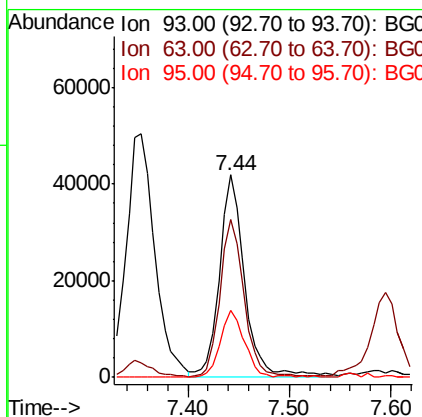
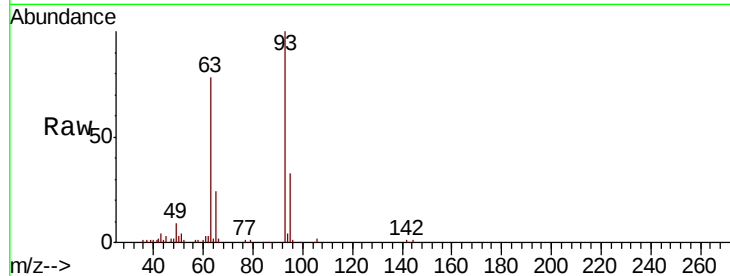
#11
bis(2-Chloroethyl)ether
Concen: 43.398 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	54.6	94.6
95	33.3	9.7	49.7

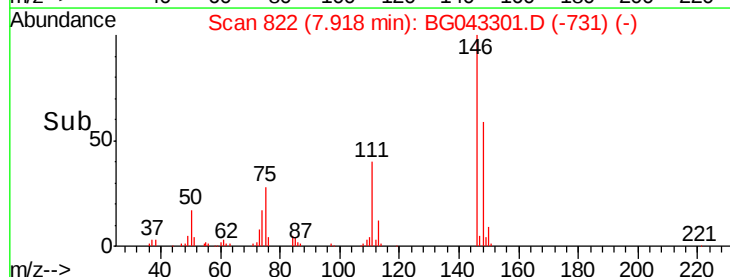
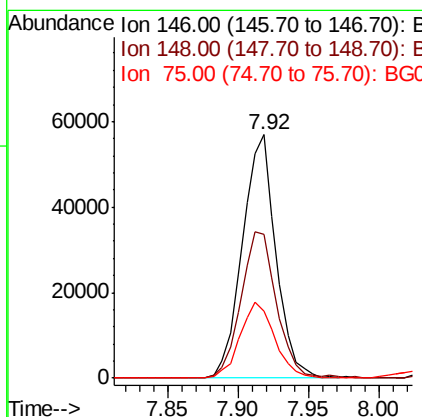
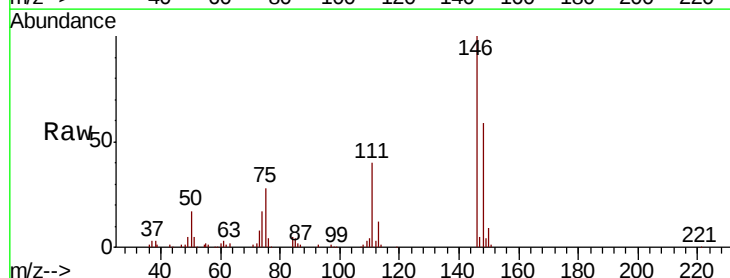
Manual Integrations
APPROVED

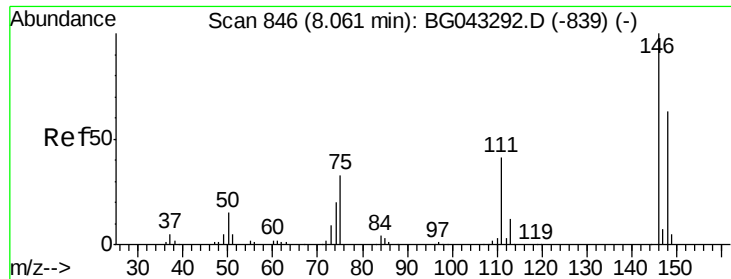
mohammad
10/22/2019 10:29:08 PM



#12
1,3-Dichlorobenzene
Concen: 41.778 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.8	53.4	80.2
75	27.7	27.0	40.4





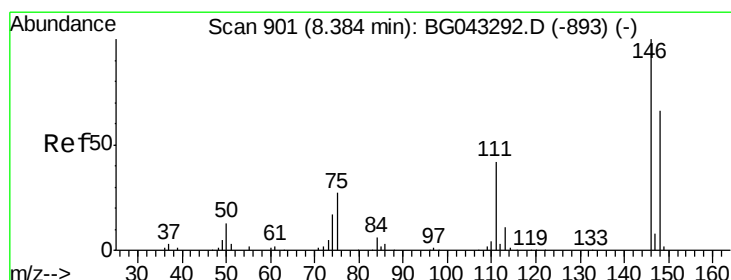
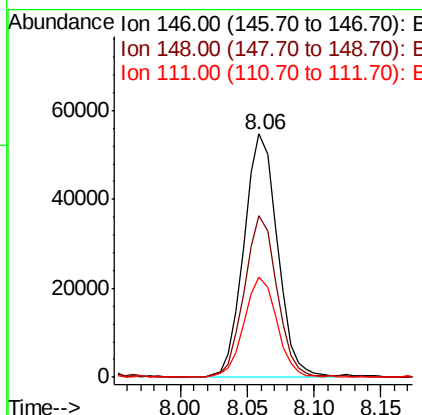
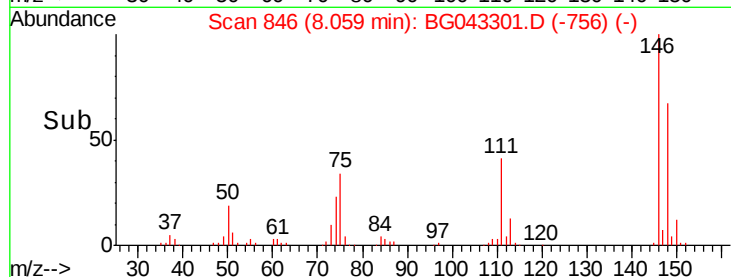
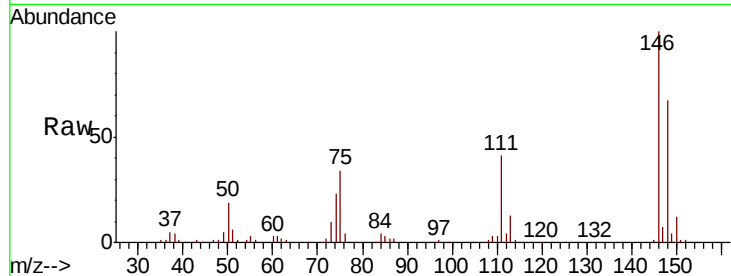
#13
 1,4-Dichlorobenzene
 Concen: 41.628 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.7	76.1
111	41.0	33.0	49.6

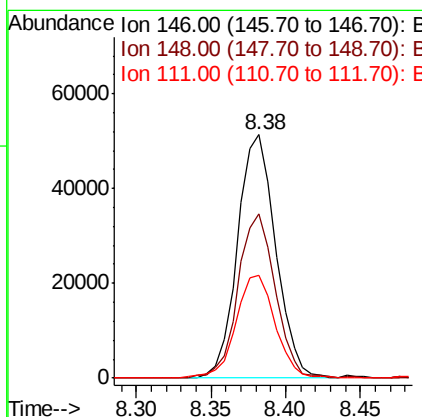
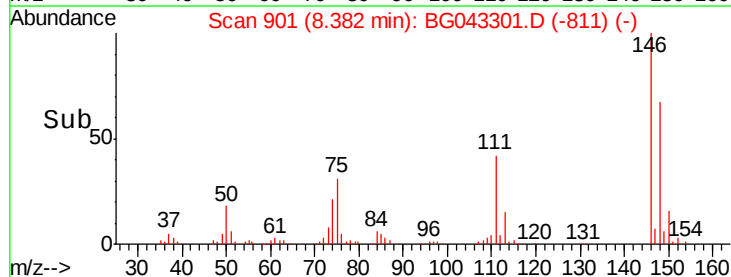
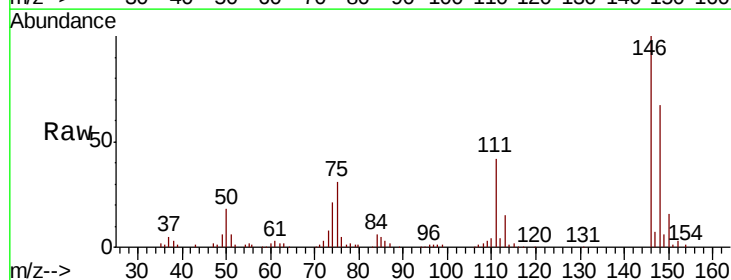
Manual Integrations
 APPROVED

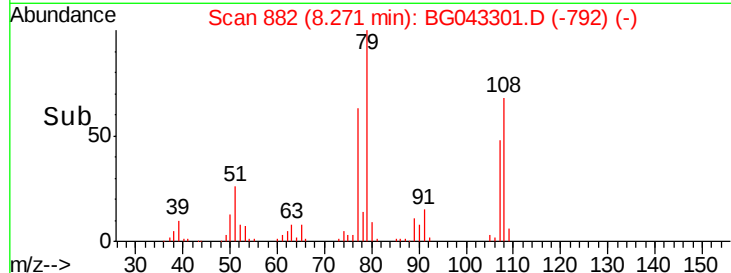
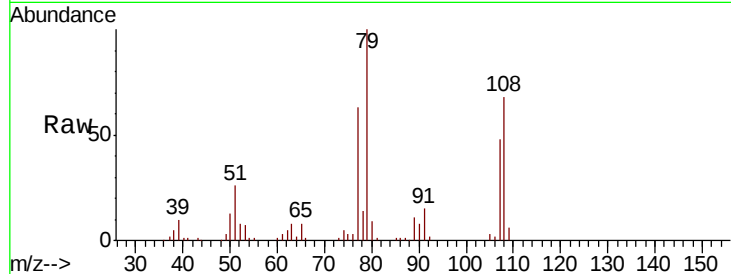
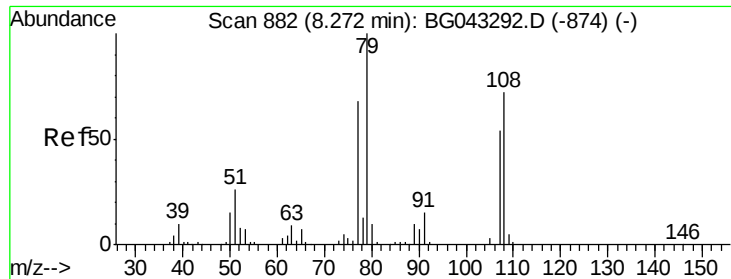
mohammad
 10/22/2019 10:29:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.895 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.0	79.4
111	42.0	34.5	51.7





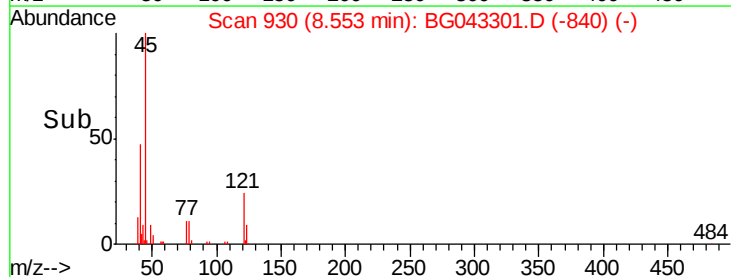
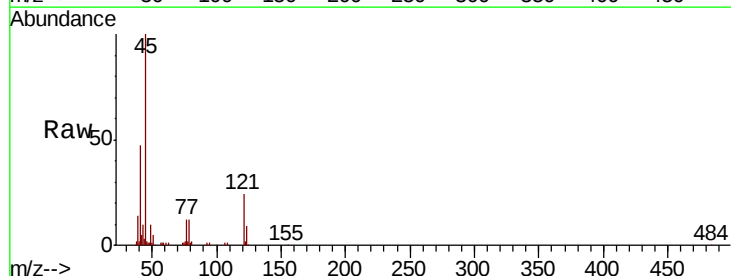
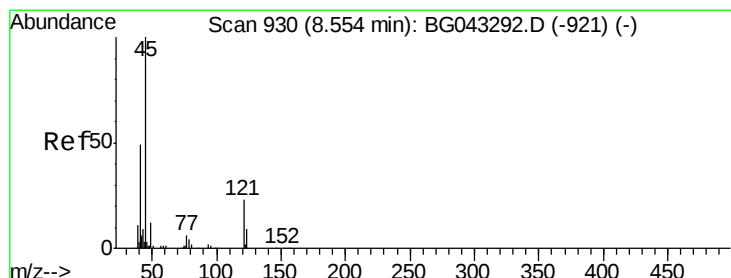
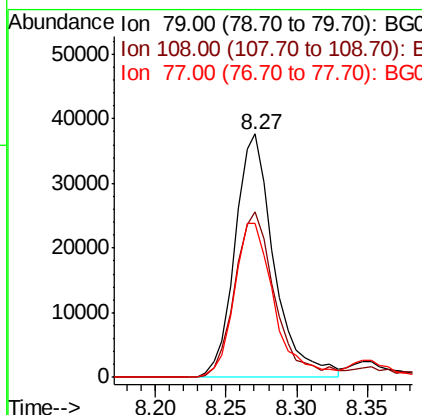
#15
Benzyl Alcohol
Concen: 44.066 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tot Ion:	79	Resp:	72673
Ion	Ratio	Lower	Upper
79	100		
108	68.0	57.3	85.9
77	63.0	54.6	81.8

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

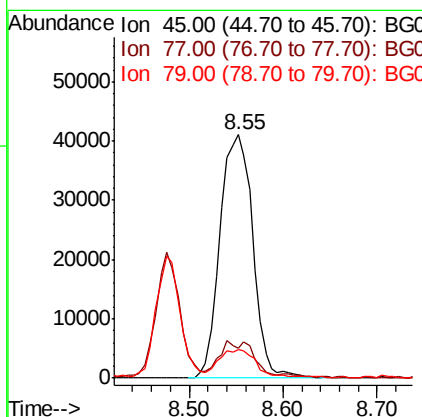
Manual Integrations
APPROVED

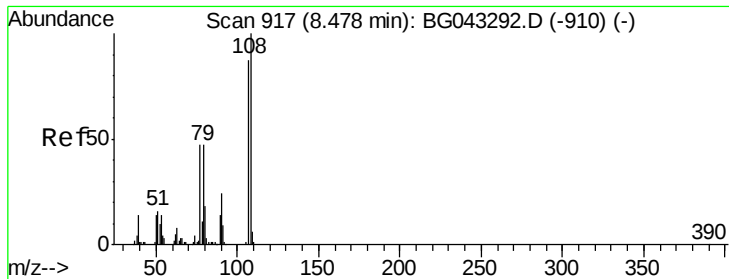
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.398 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion:	45	Resp:	99866
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	34.2
79	11.6	0.0	32.3





#17

2-Methylphenol

Concen: 44.899 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

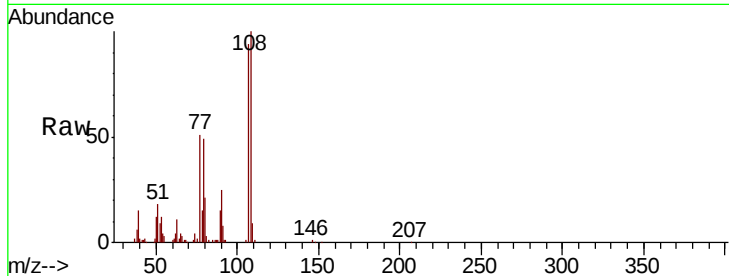
ClientSampleId :

PB123945BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.2	91.3	136.9	
77	53.7	43.0	64.6	
79	52.4	43.4	65.2	

Manual Integrations
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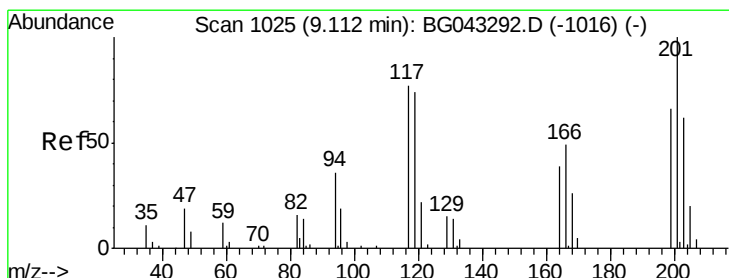
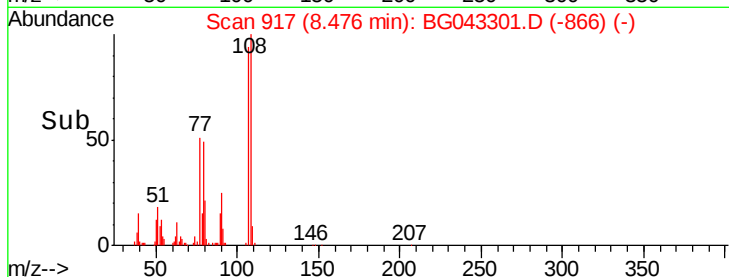
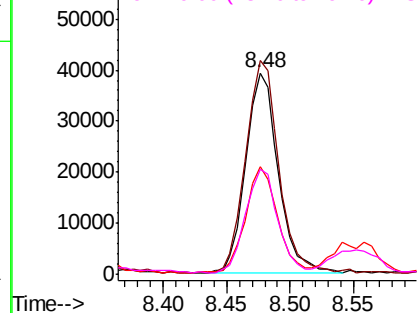
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.054 ng

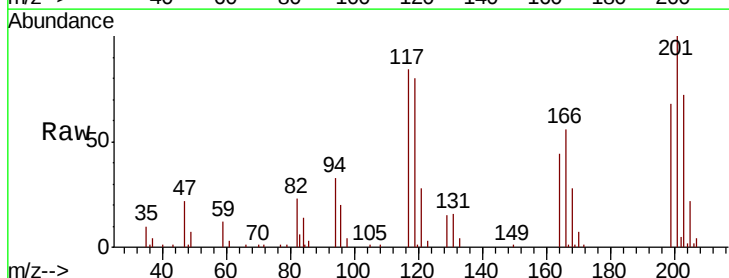
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.3	115.9	
201	119.7	104.2	156.4	

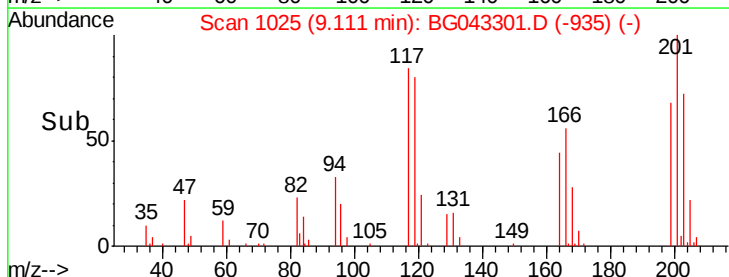
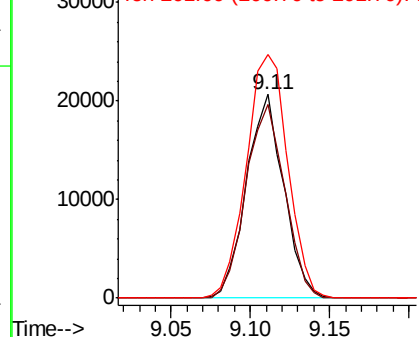


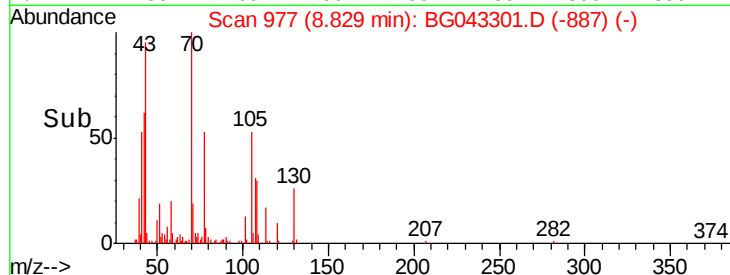
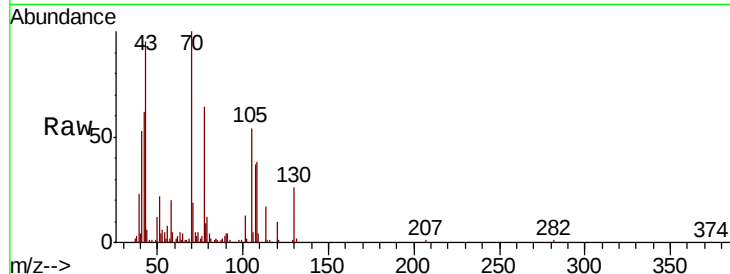
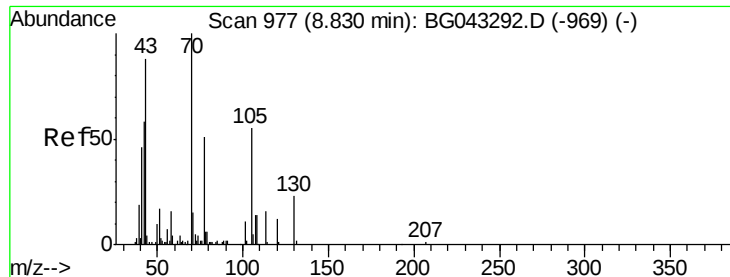
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





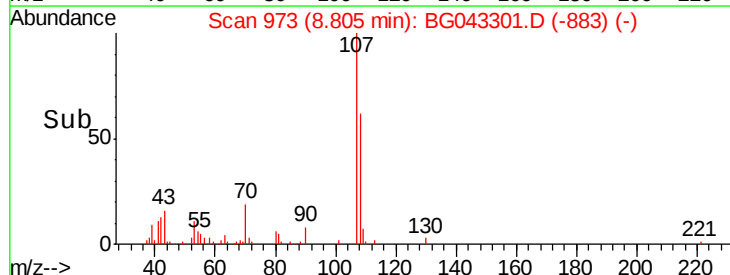
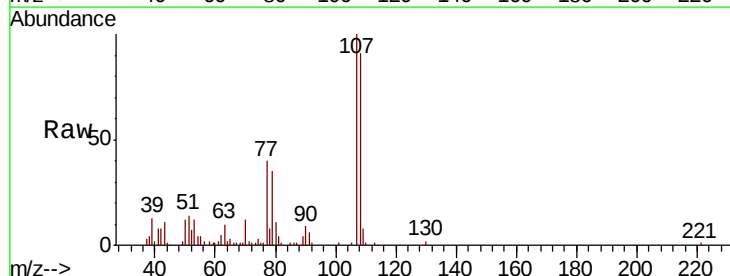
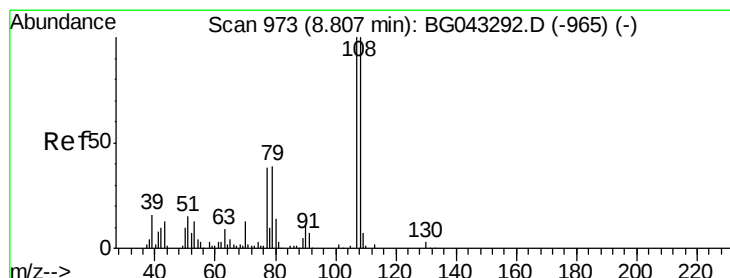
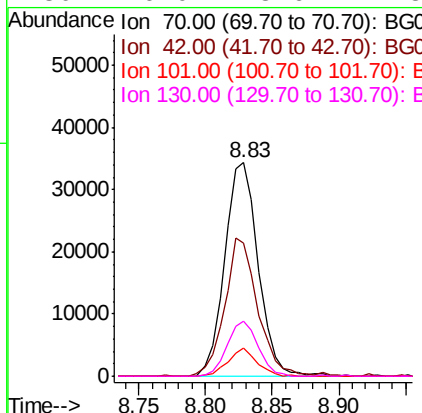
#19
n-Nitroso-di-n-propylamine
Concen: 39.666 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.2	69.2
101	13.0	8.6	13.0#
130	26.0	18.6	27.8

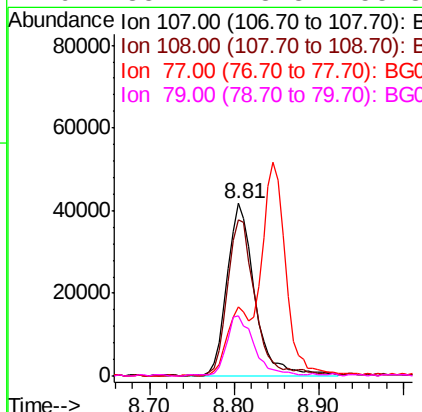
Manual Integrations
APPROVED

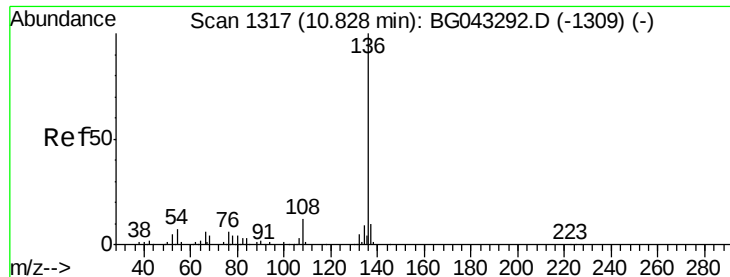
mohammad
10/22/2019 10:29:08 PM



#20
3+4-Methylphenols
Concen: 44.114 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	80.3	120.3
77	39.9	18.2	58.2
79	35.2	18.8	58.8





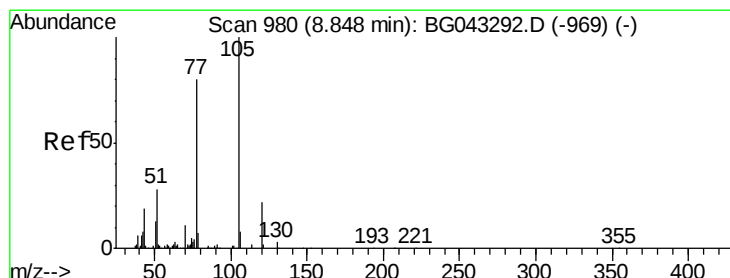
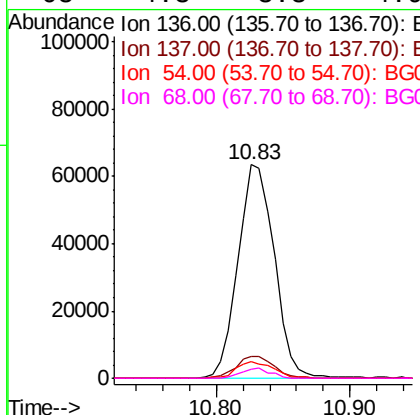
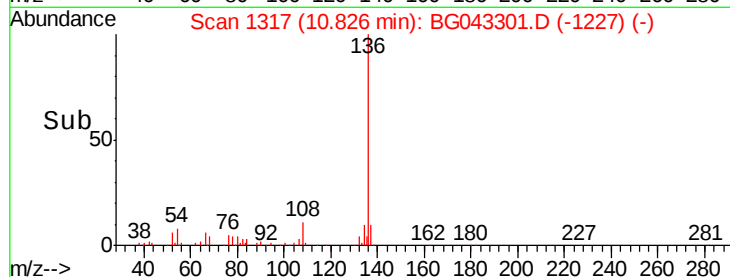
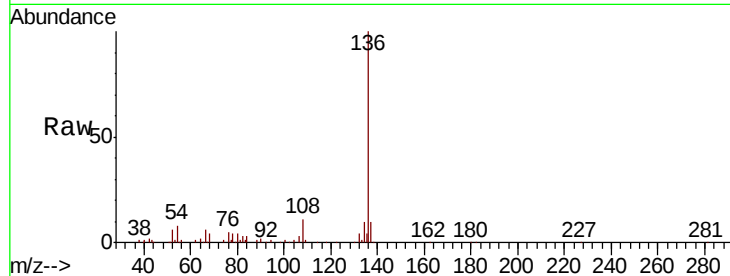
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.5		8.2	12.2	
54	7.7		5.4	8.2	
68	4.3		3.3	4.9	

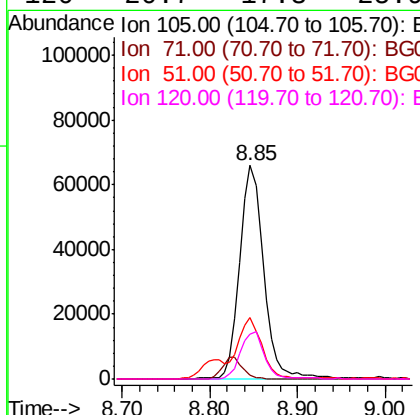
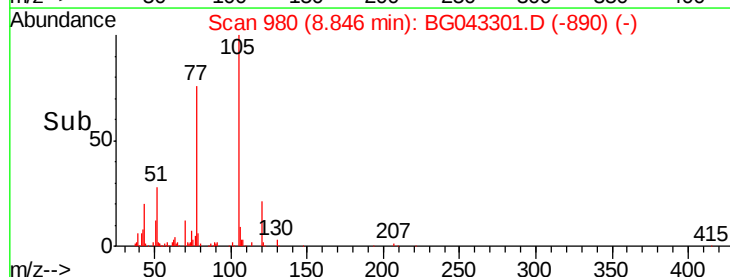
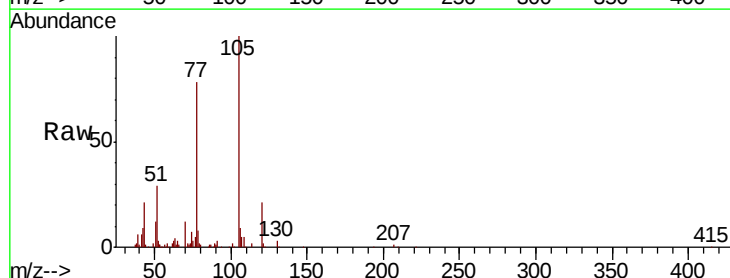
Manual Integrations
APPROVED

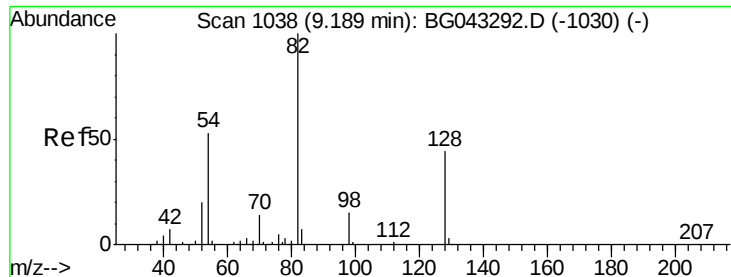
mohammad
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#22
Acetophenone
Concen: 40.087 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.0		1.5	2.3	
51	28.9		23.9	35.9	
120	20.7		17.3	25.9	





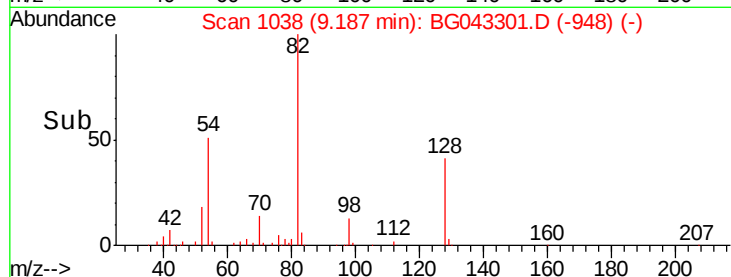
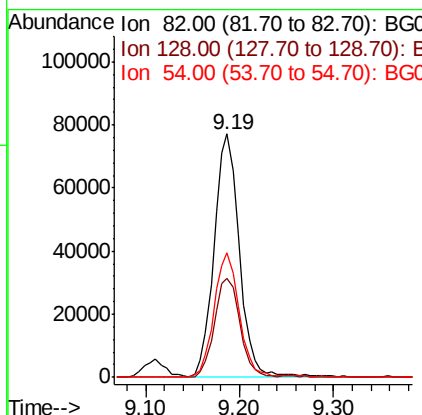
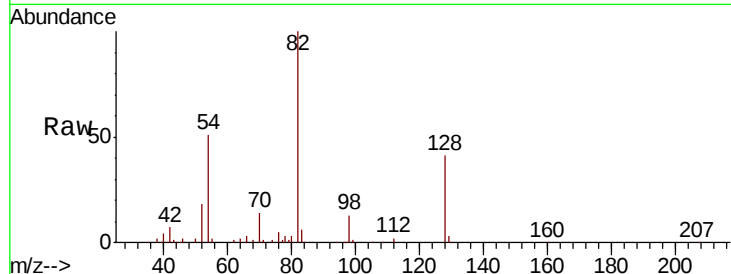
#23
 Nitrobenzene-d5
 Concen: 62.568 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.3	52.9
54	51.2	42.3	63.5

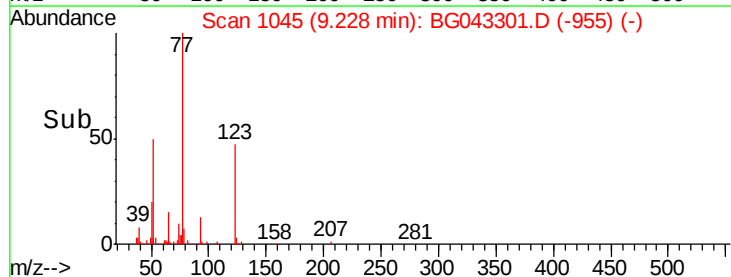
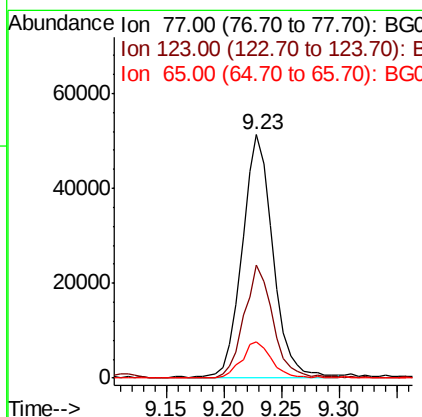
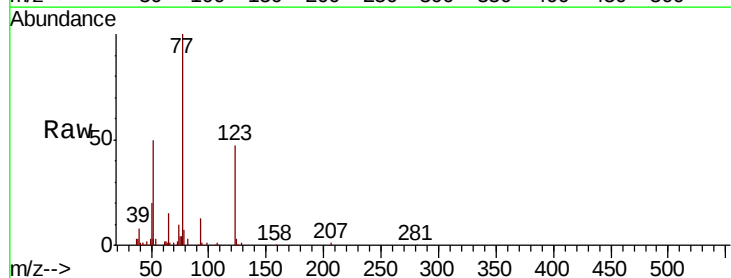
Manual Integrations
 APPROVED

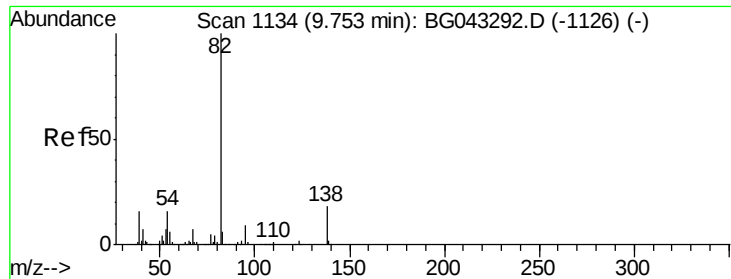
mohammad
 10/22/2019 10:29:08 PM



#24
 Nitrobenzene
 Concen: 42.599 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	33.8	50.8
65	15.1	13.0	19.4





#25

Isophorone

Concen: 42.400 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

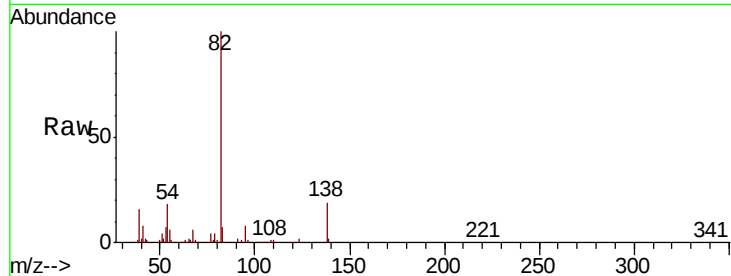
ClientSampleId :

PB123945BSD

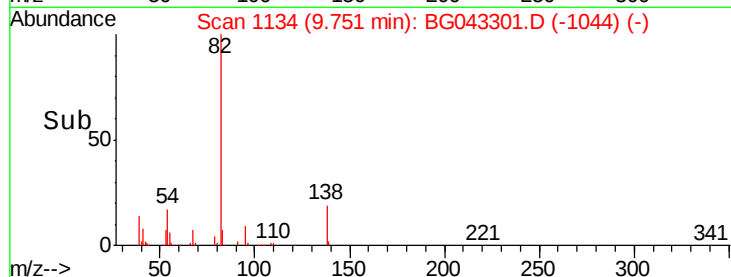
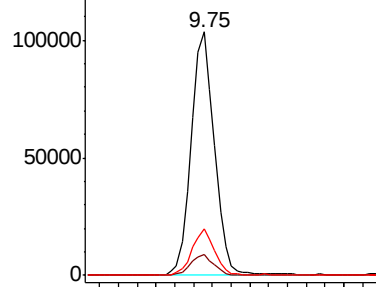
Tot Ion:	82	Resp:	179444
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.9	10.3
138	18.9	14.2	21.2

Manual Integrations
APPROVED

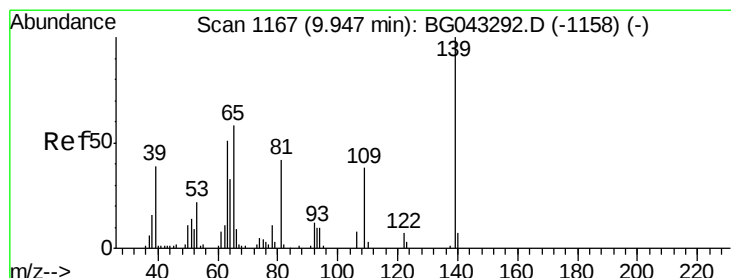
mohammad
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#26

2-Nitrophenol

Concen: 44.846 ng

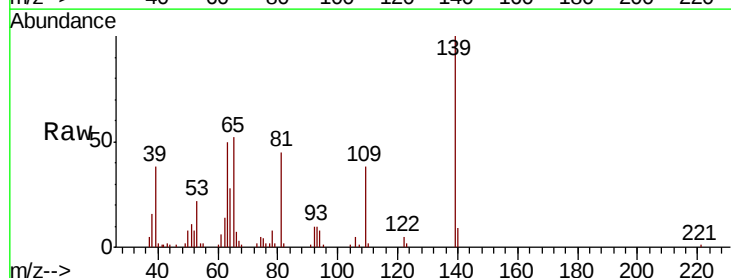
RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

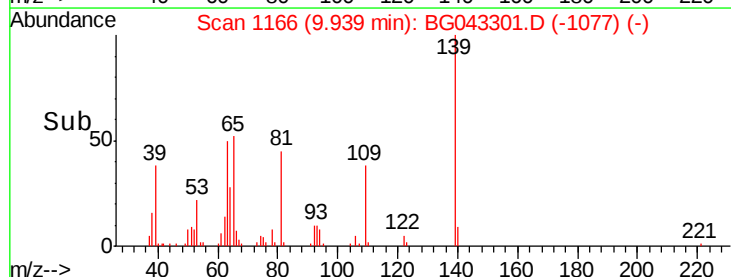
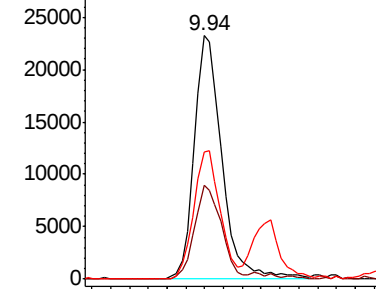
Lab File: BG043301.D

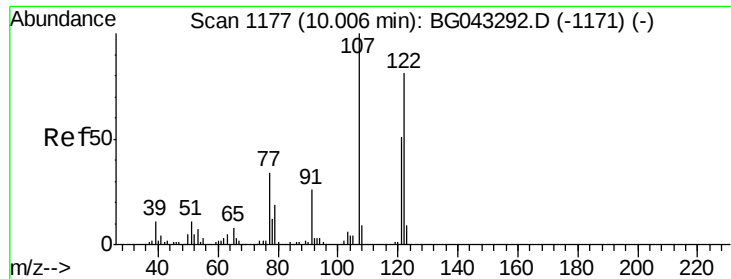
Acq: 22 Oct 2019 11:10

Tgt Ion:	139	Resp:	47743
Ion Ratio	Lower	Upper	
139	100		
109	38.4	30.1	45.1
65	52.2	46.1	69.1



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





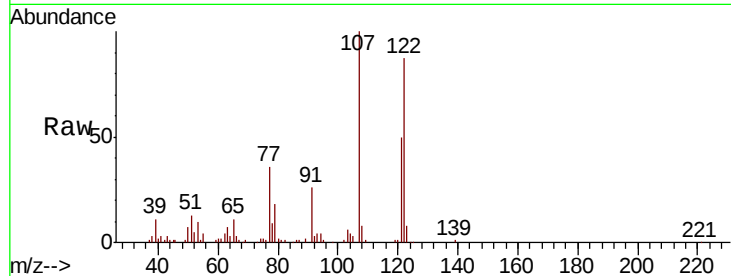
#27
2,4-Dimethylphenol
Concen: 51.663 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

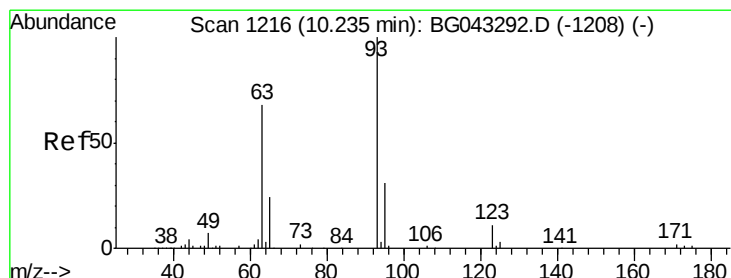
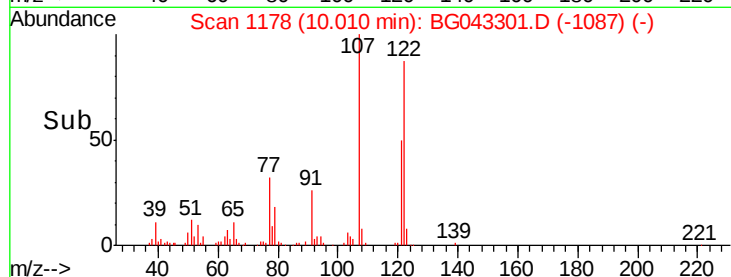
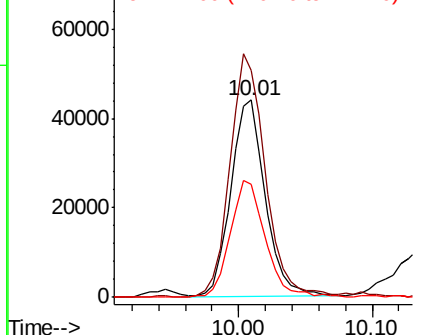
Tot Ion	Ratio	Resp	Lower	Upper
122	100	78832		
107	115.1	98.6	147.8	
121	57.5	50.1	75.1	

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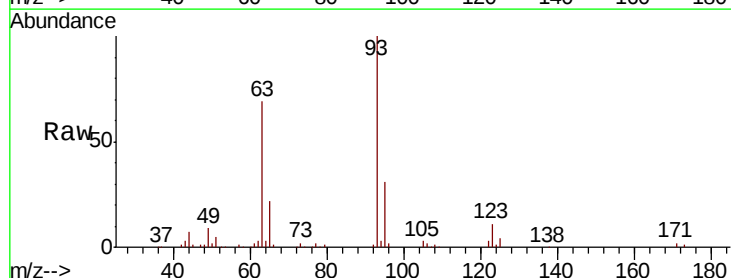


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

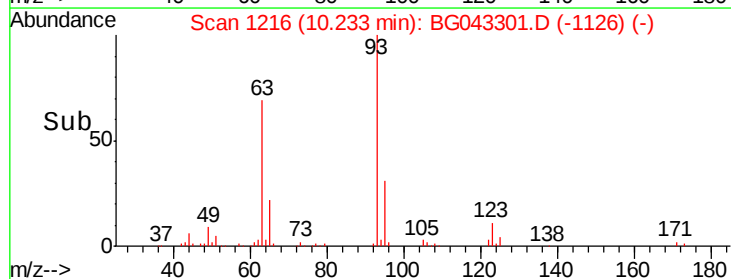
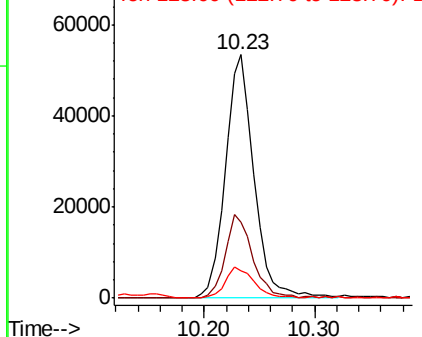


#28
bis(2-Chloroethoxy)methane
Concen: 41.428 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	96769		
95	31.3	24.9	37.3	
123	11.4	8.9	13.3	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





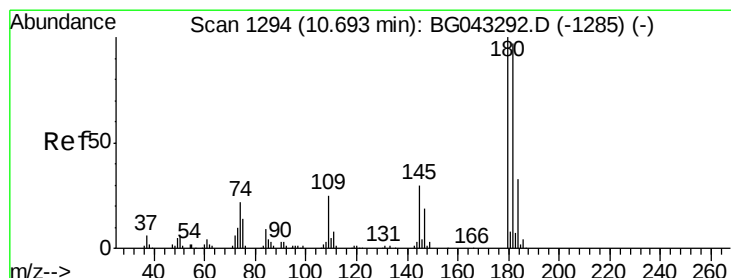
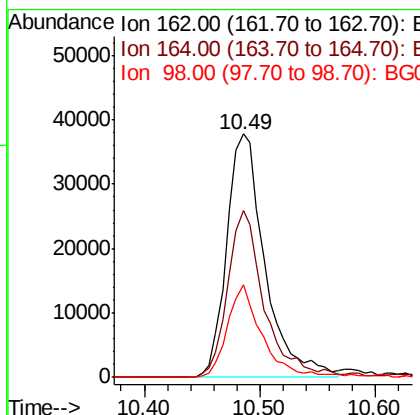
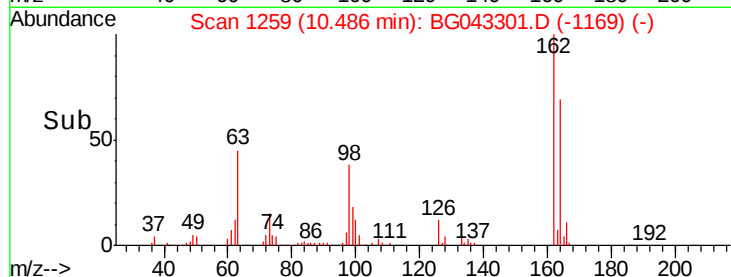
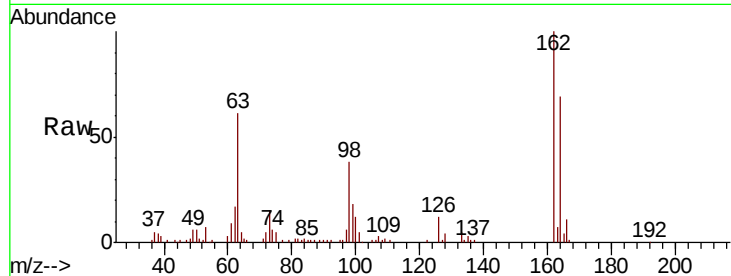
#29
 2,4-Dichlorophenol
 Concen: 44.336 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	37.3	77.3
98	38.1	11.8	51.8

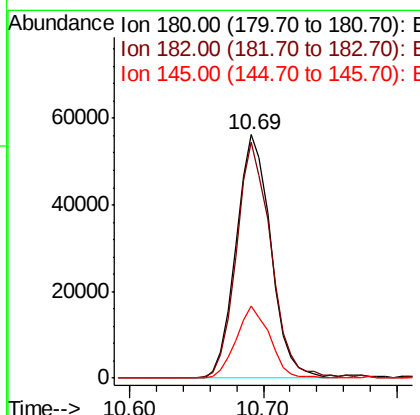
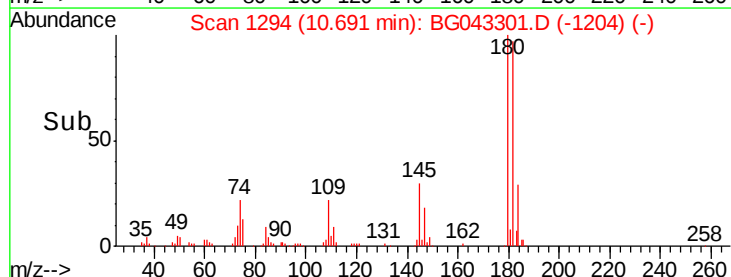
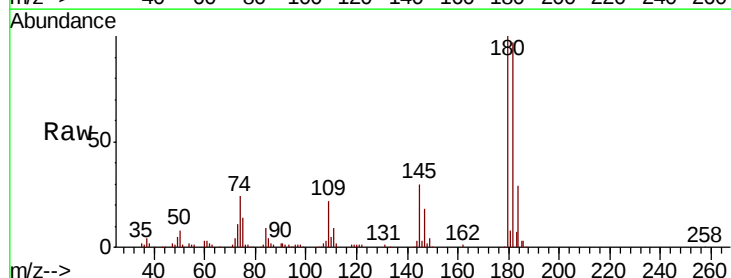
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.223 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.8
145	29.6	23.6	35.4





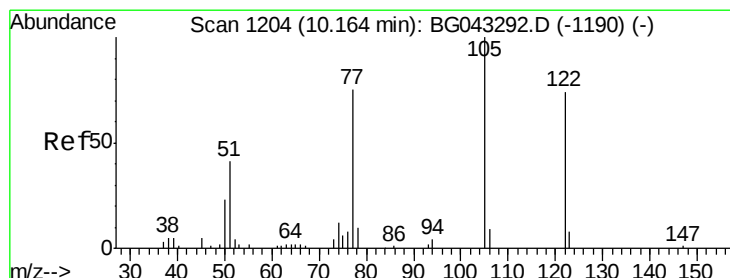
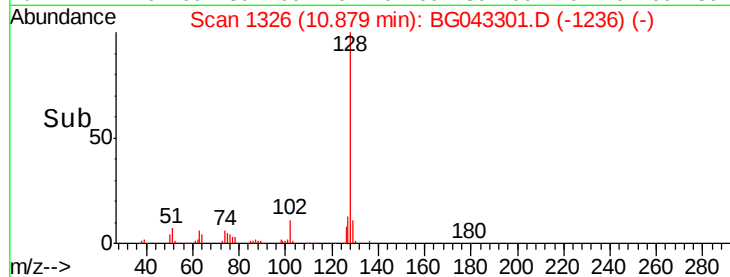
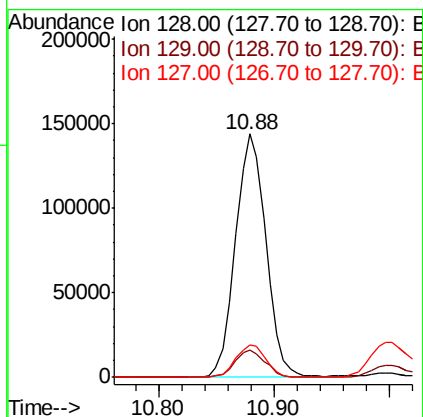
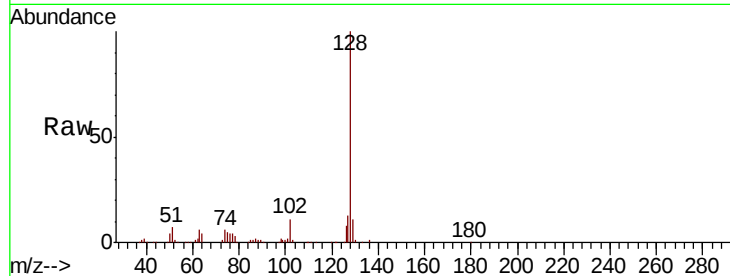
#31
Naphthalene
Concen: 43.494 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	263476		
129	11.3		8.6	12.8
127	13.3		11.5	17.3

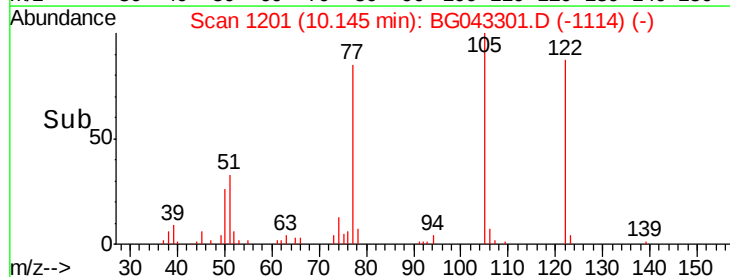
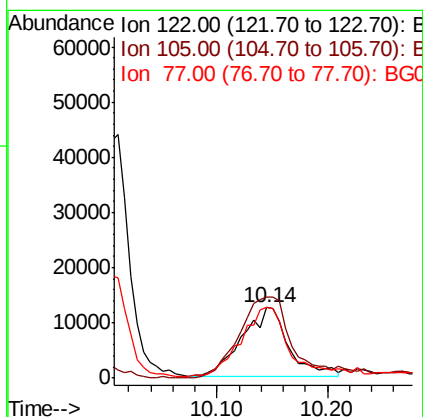
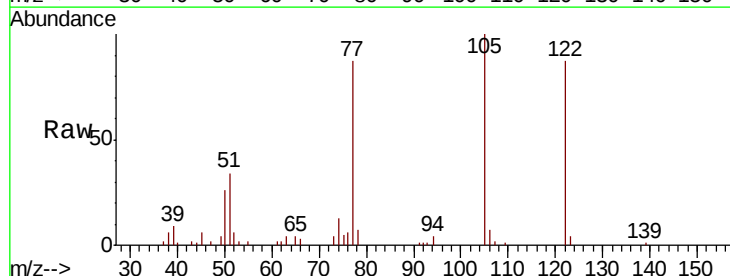
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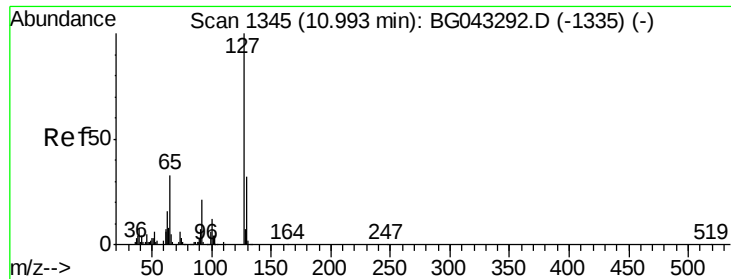
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#32
Benzoic acid
Concen: 34.221 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36142		
105	115.2		112.4	152.4
77	100.2		82.7	122.7





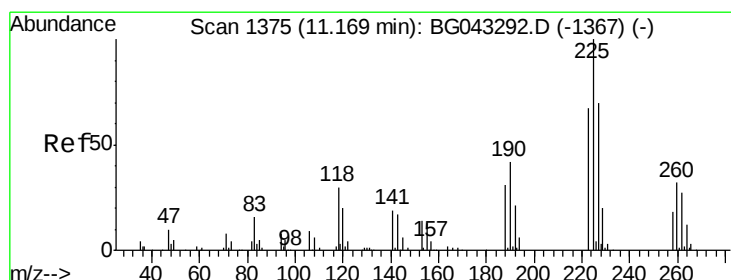
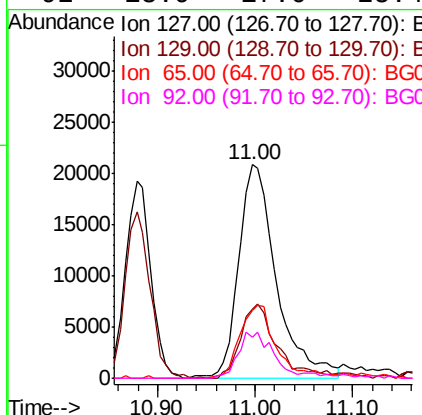
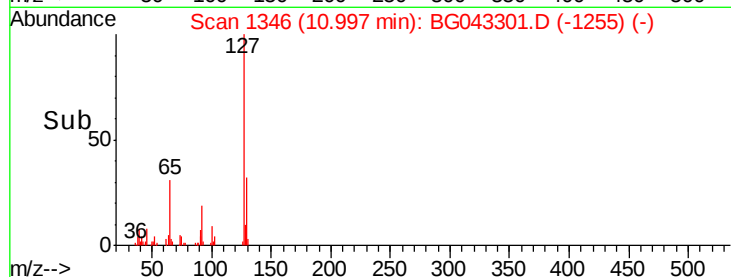
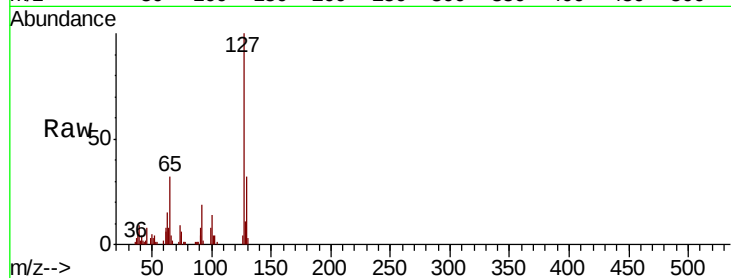
#33
4-Chloroaniline
Concen: 22.762 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	31.9	26.2	39.2
92	18.9	17.0	25.4

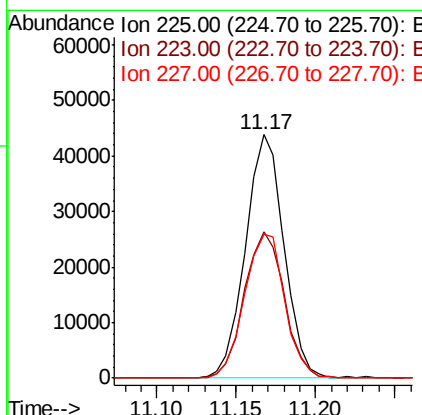
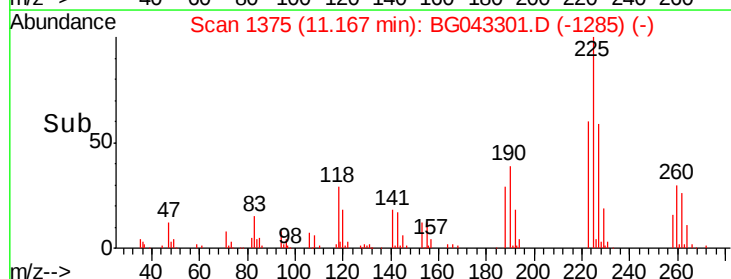
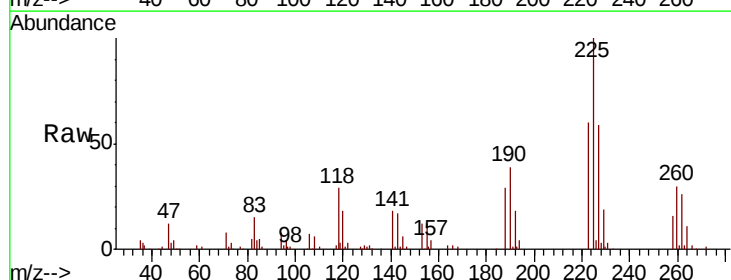
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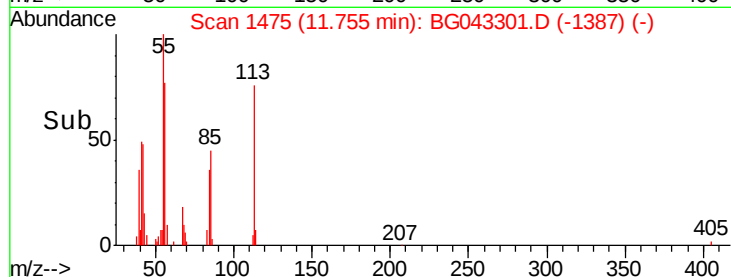
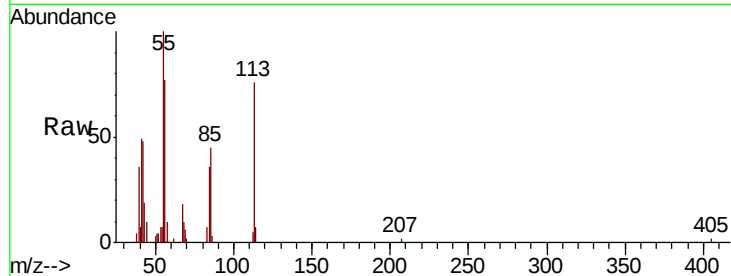
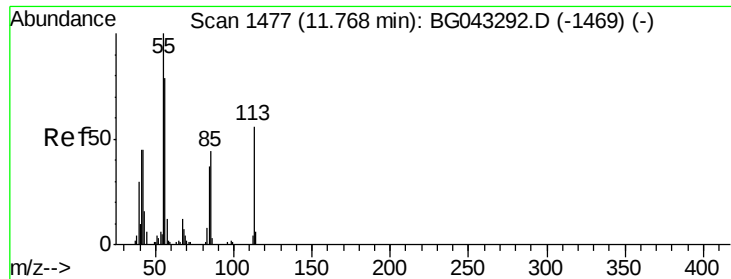
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#34
Hexachlorobutadiene
Concen: 40.537 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	53.2	79.8
227	59.2	56.2	84.2





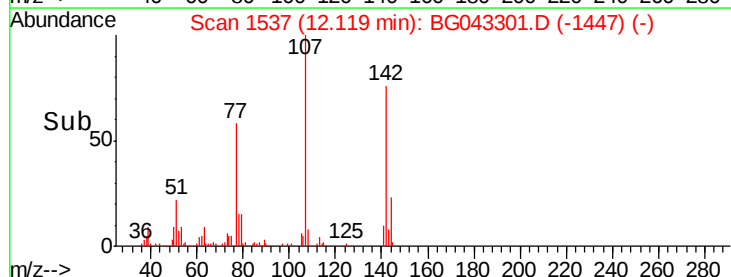
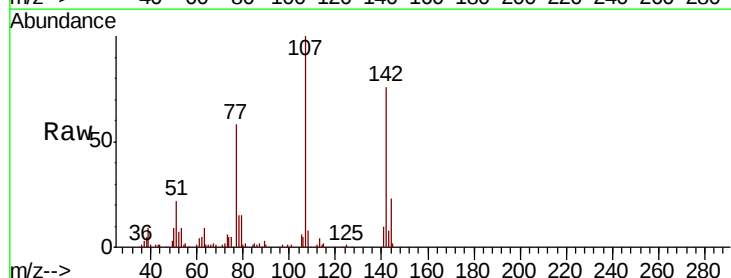
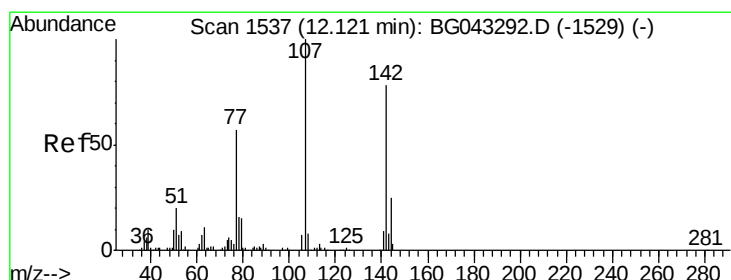
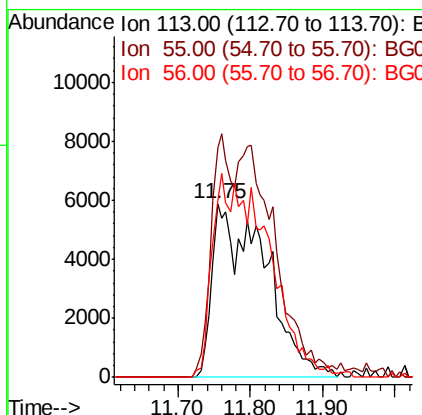
#35
Caprolactam
Concen: 44.399 ng/ml
RT: 11.75 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleID :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.3	158.9	198.9#
56	102.1	121.4	161.4#

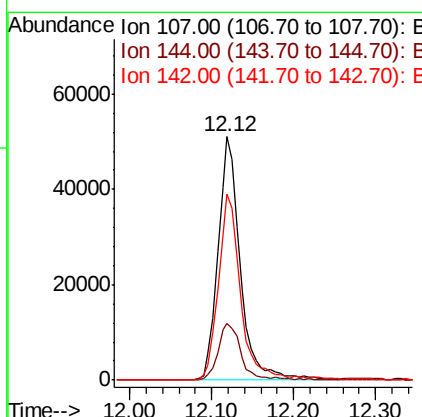
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#36
4-Chloro-3-methylphenol
Concen: 45.358 ng/ml
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.9	29.9
142	76.3	62.1	93.1





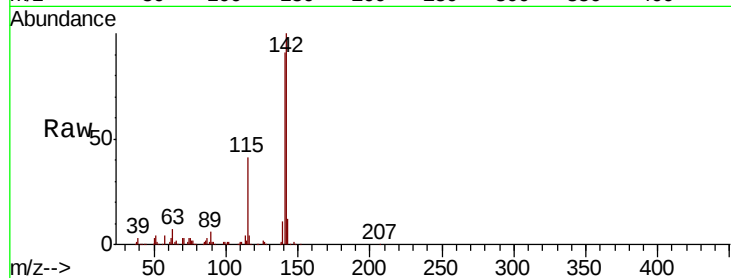
#37
2-Methylnaphthalene
Concen: 43.138 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	69.7	104.5
115	40.8	30.6	46.0

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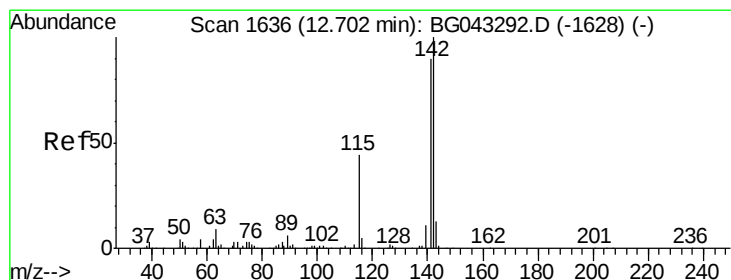
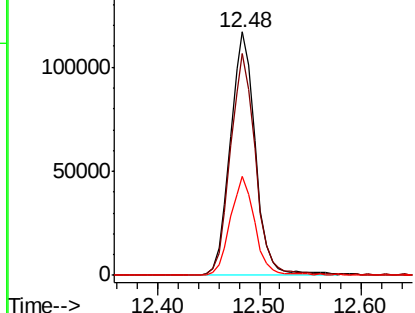
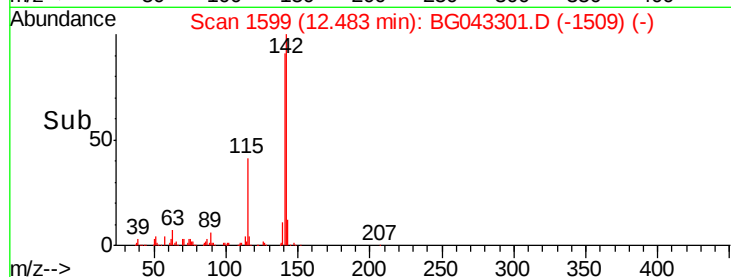


Abundance

Ion 142.00 (141.70 to 142.70): E

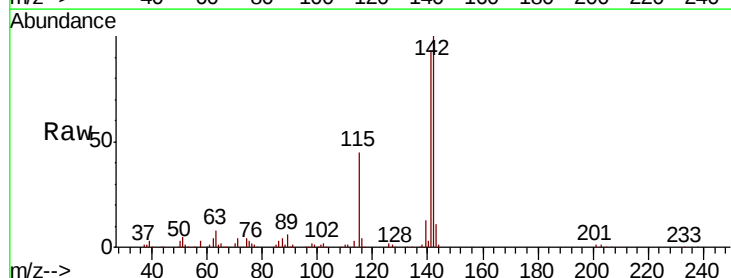
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.392 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5
116	4.3	3.8	5.6

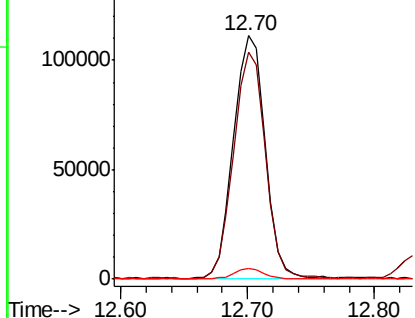
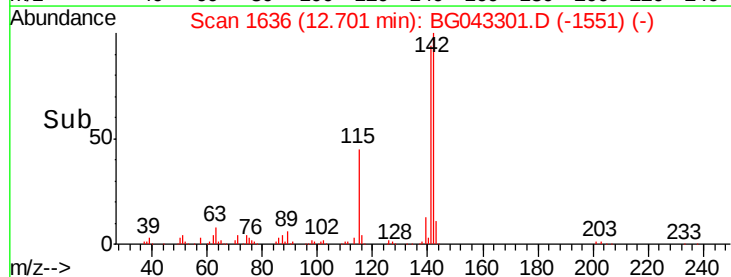


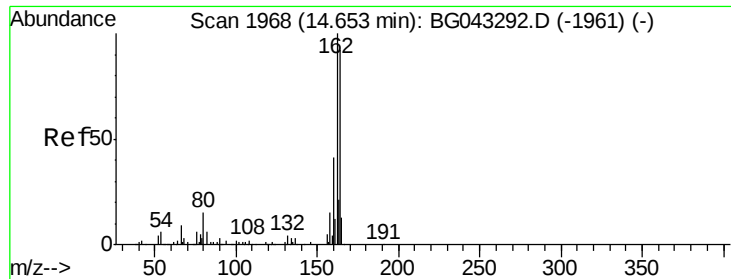
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





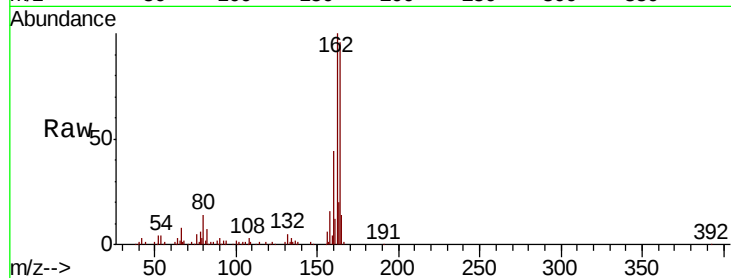
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.0	130.4
160	45.5	35.5	53.3

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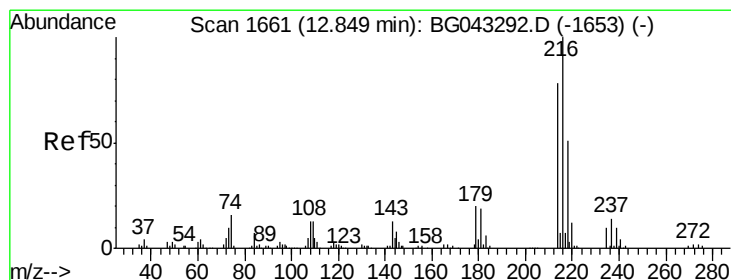
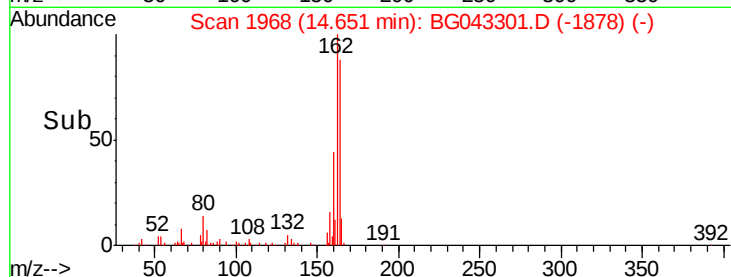
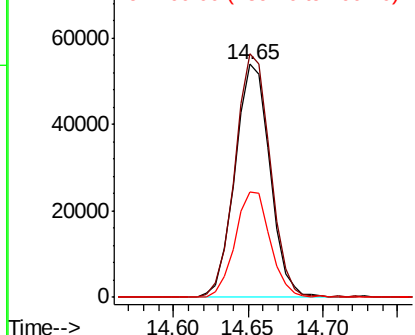


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.766 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.5	95.3
179	19.8	16.2	24.2
108	15.8	11.2	16.8

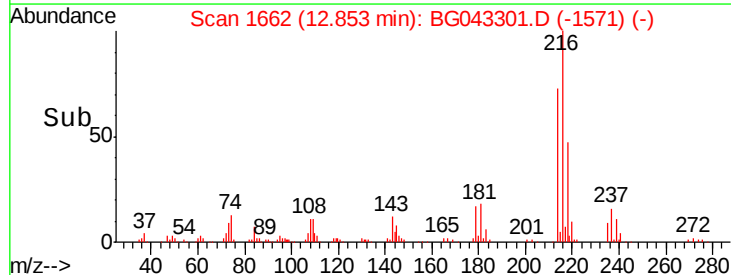
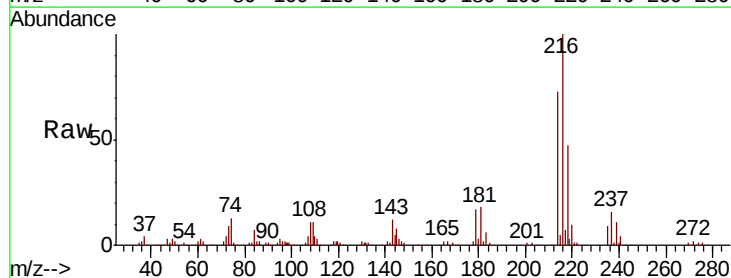
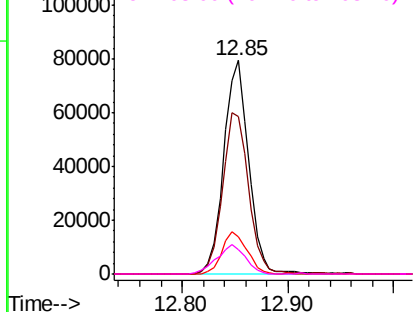
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.731 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

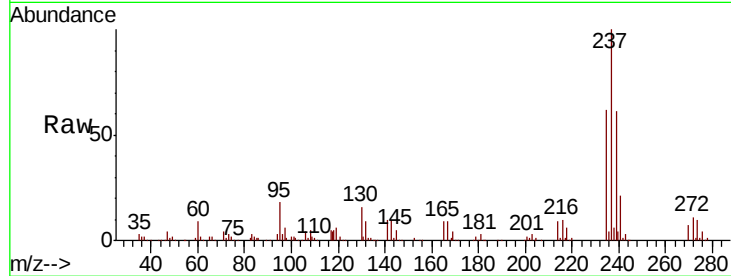
ClientSampleId :

PB123945BSD

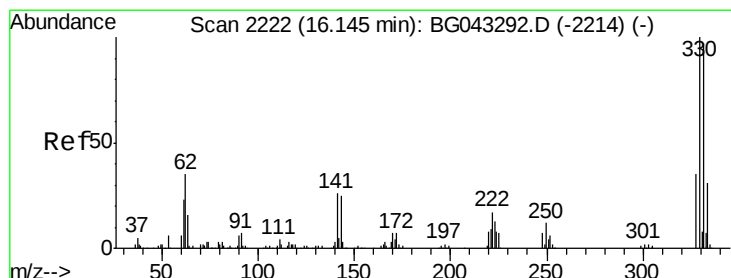
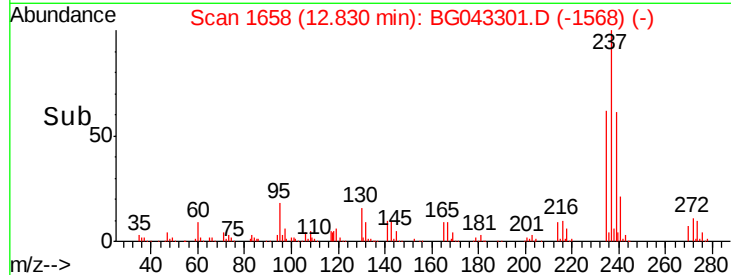
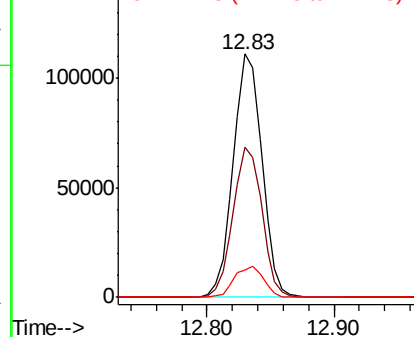
Tot Ion:	237	Resp:	174026
Ion Ratio		Lower	Upper
237	100		
235	61.8	40.3	80.3
272	11.1	0.0	32.9

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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: 114.284 ng

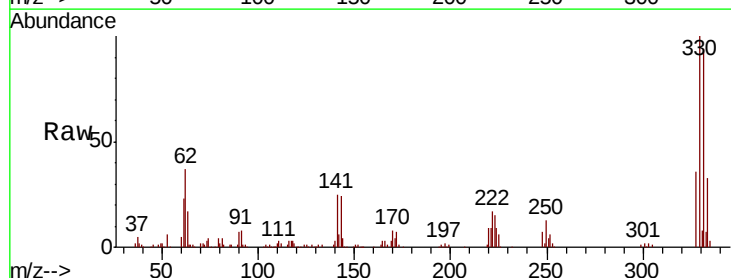
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

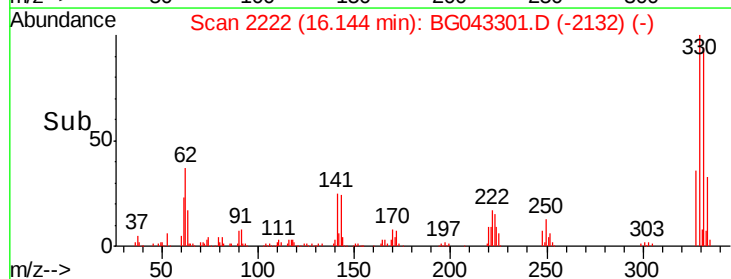
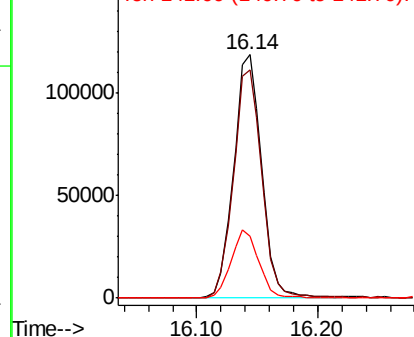
Lab File: BG043301.D

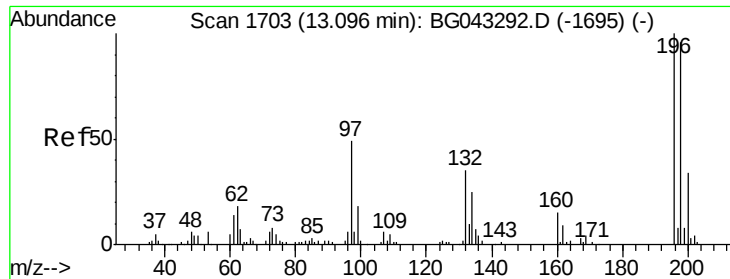
Acq: 22 Oct 2019 11:10

Tgt Ion:	330	Resp:	191369
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.4	114.6
141	27.8	21.4	32.0



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





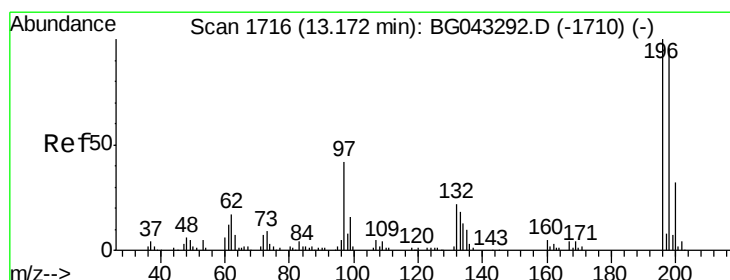
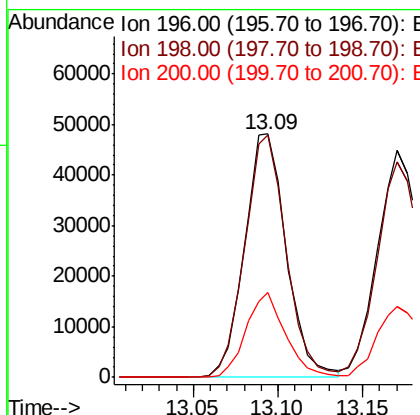
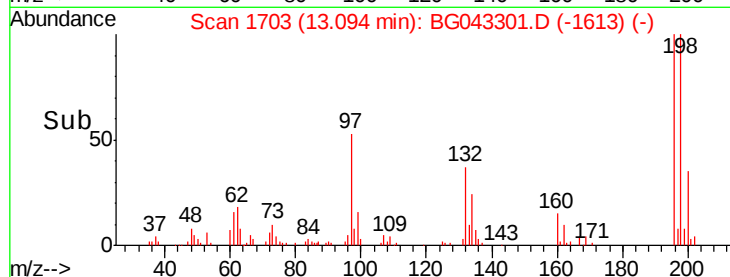
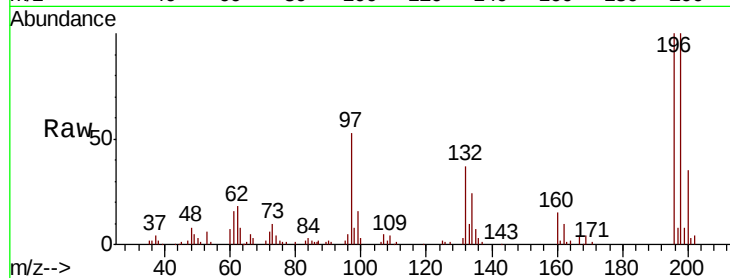
#43
 2,4,6-Trichlorophenol
 Concen: 43.257 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	77.0	115.4
200	34.6	27.4	41.2

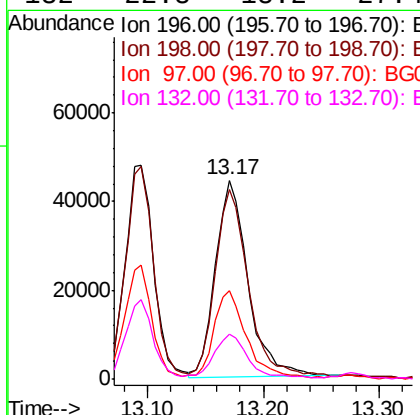
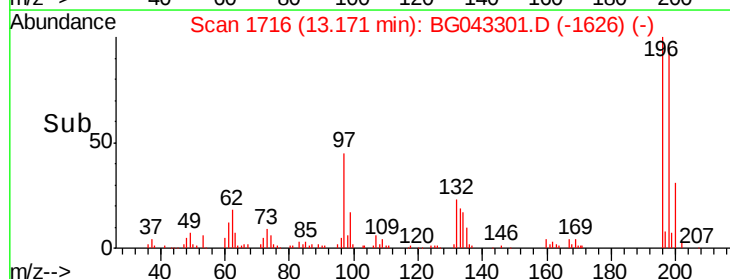
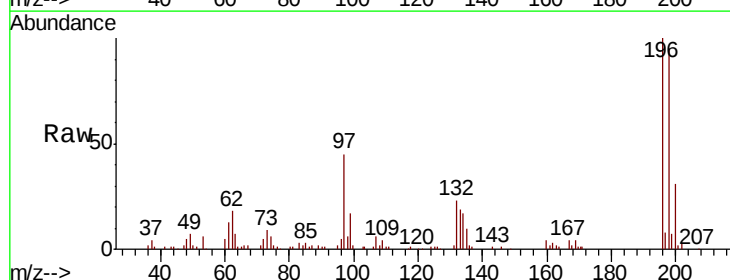
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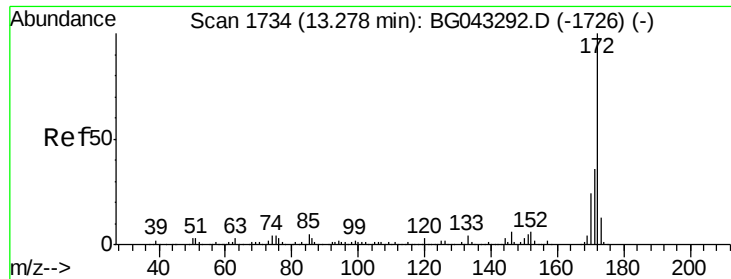
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#44
 2,4,5-Trichlorophenol
 Concen: 44.743 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	114.8
97	44.6	34.1	51.1
132	22.8	18.2	27.4





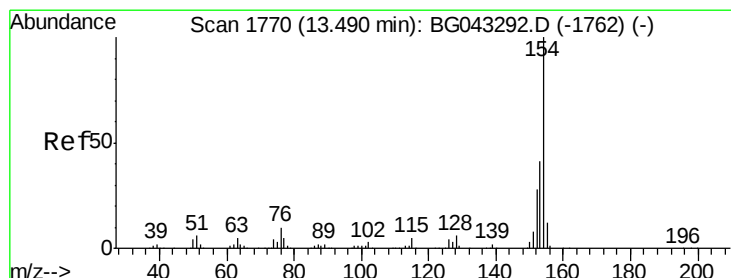
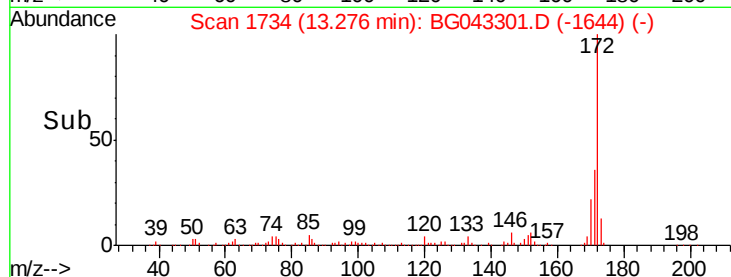
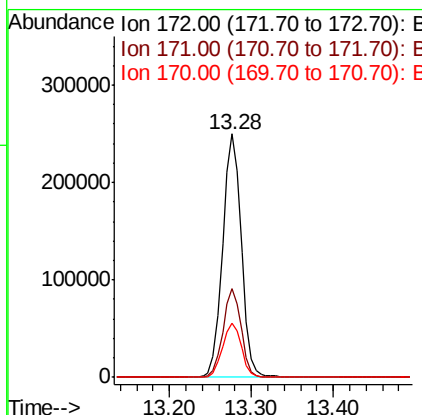
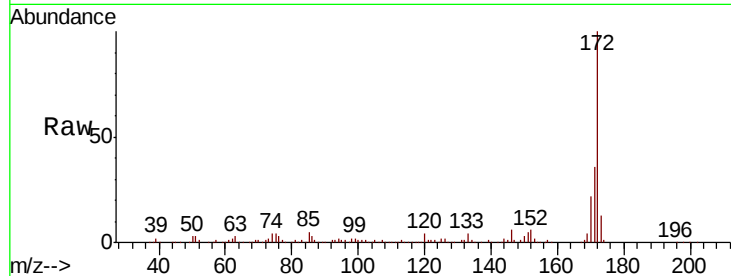
#45
2-Fluorobiphenyl
Concen: 62.478 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	22.4	18.8	28.2

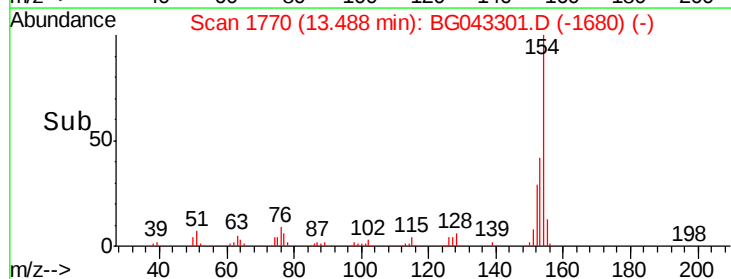
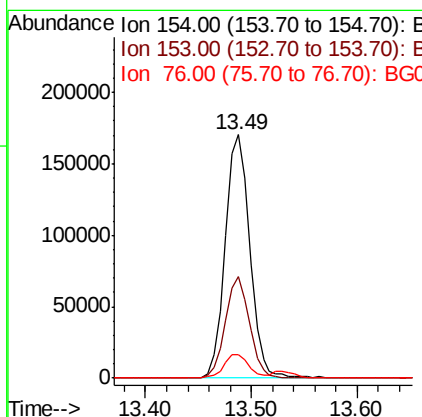
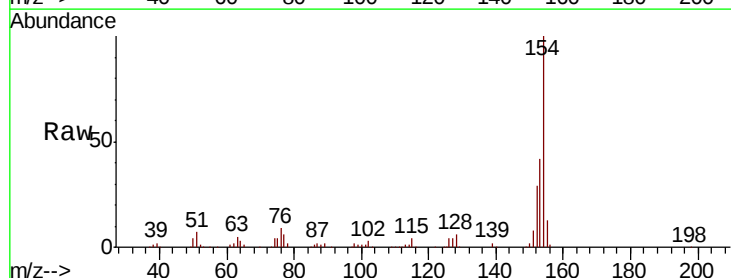
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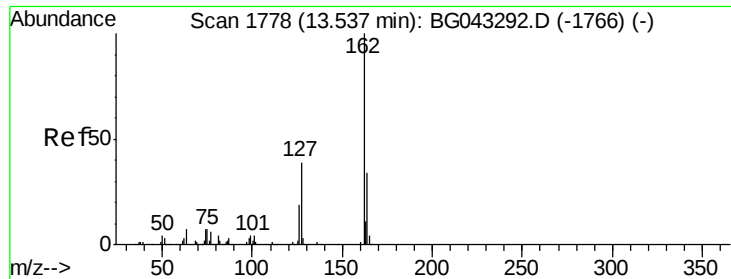
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#46
1,1'-Biphenyl
Concen: 40.906 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.0	61.0
76	9.5	0.0	29.8





#47

2-Chloronaphthalene

Concen: 41.540 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

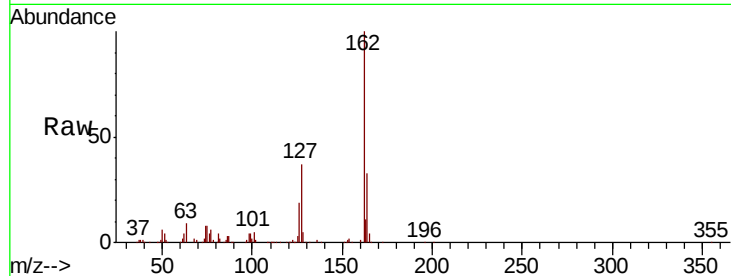
ClientSampleId :

PB123945BSD

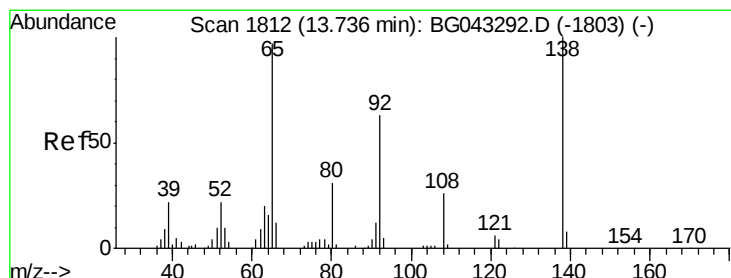
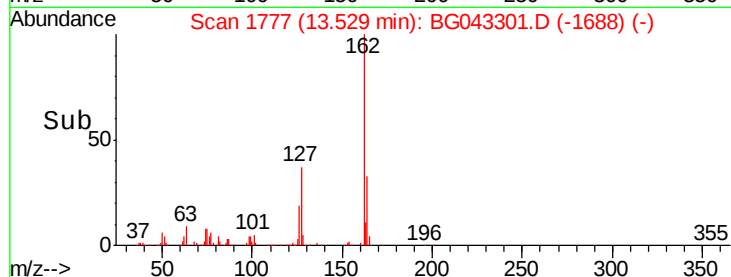
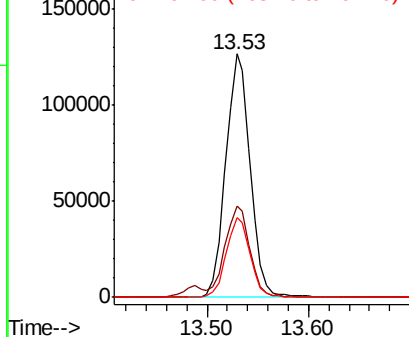
Tot Ion:	162	Resp:	211575
Ion Ratio	Lower	Upper	
162	100		
127	37.2	31.3	46.9
164	32.8	26.8	40.2

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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: 39.312 ng

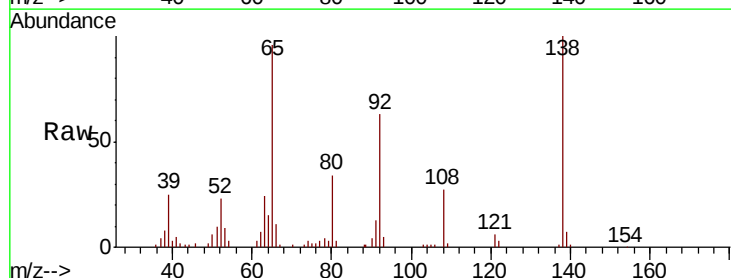
RT: 13.73 min Scan# 1812

Delta R.T. -0.00 min

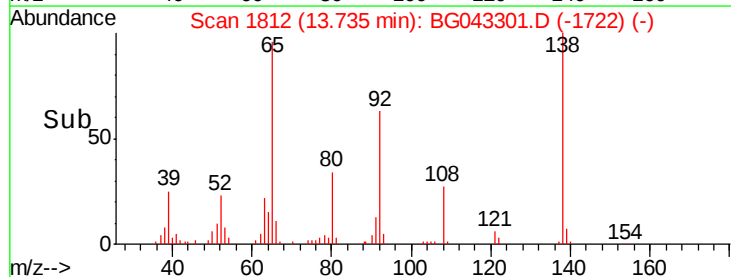
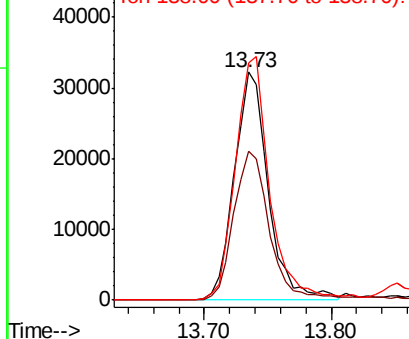
Lab File: BG043301.D

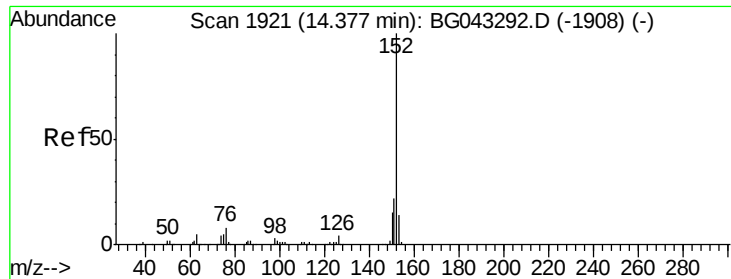
Acq: 22 Oct 2019 11:10

Tgt Ion:	65	Resp:	59844
Ion Ratio	Lower	Upper	
65	100		
92	65.3	52.6	79.0
138	104.0	82.9	124.3



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





#49

Acenaphthylene

Concen: 43.503 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

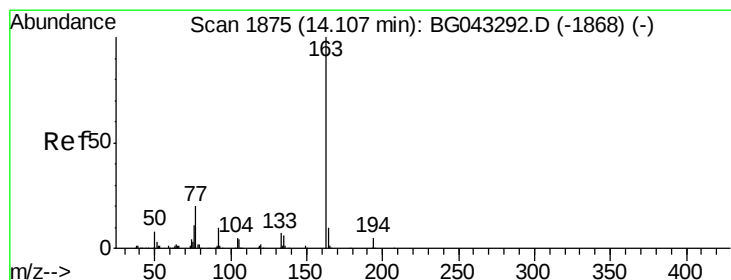
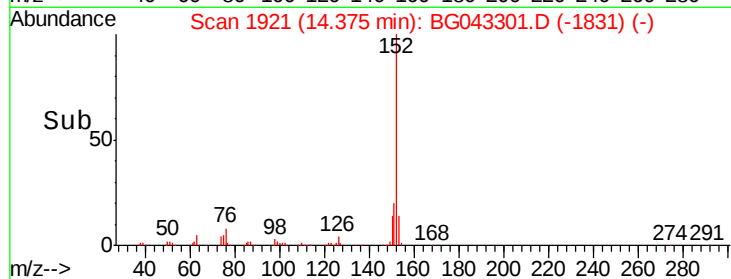
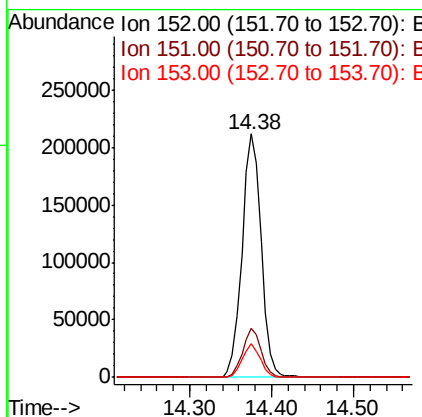
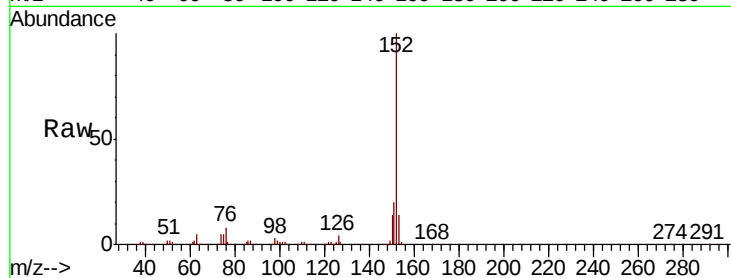
ClientSampleId :

PB123945BSD

Tot Ion:	152	Resp:	344848
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.2	25.8
153	14.1	11.0	16.6

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#50

Dimethylphthalate

Concen: 42.637 ng

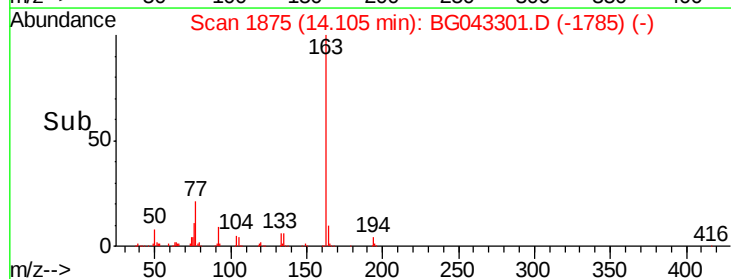
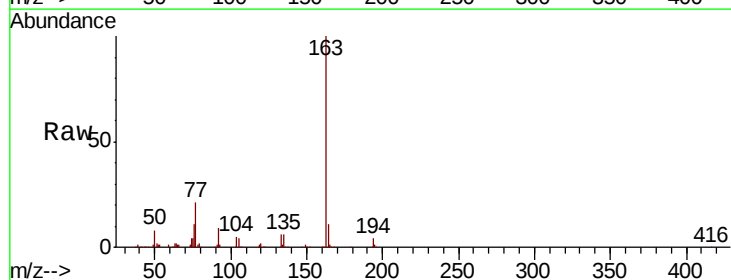
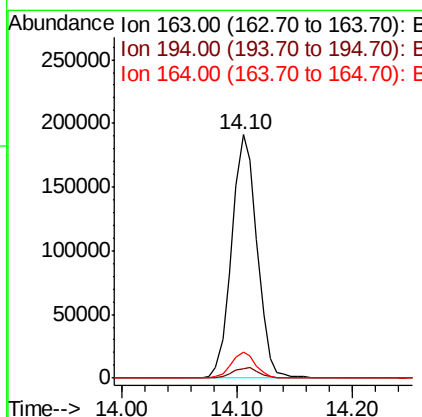
RT: 14.10 min Scan# 1875

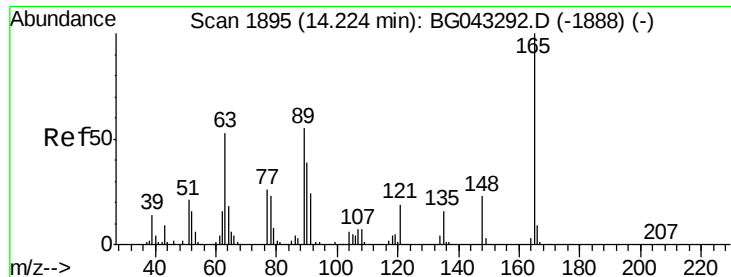
Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	163	Resp:	290599
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	10.5	8.1	12.1





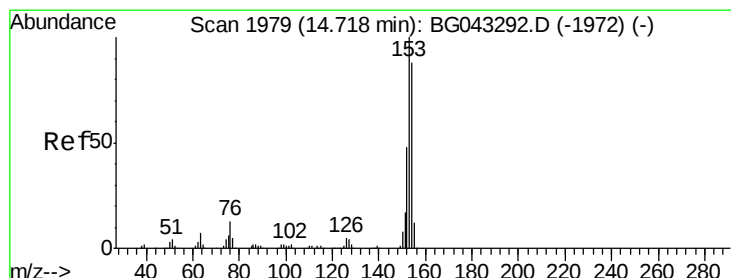
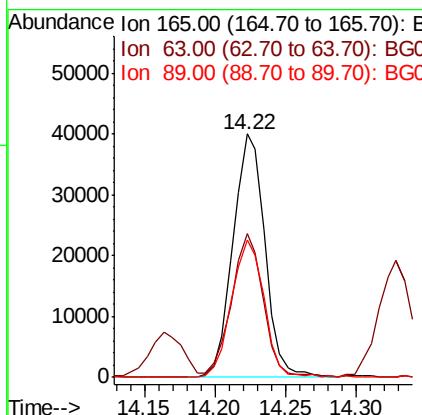
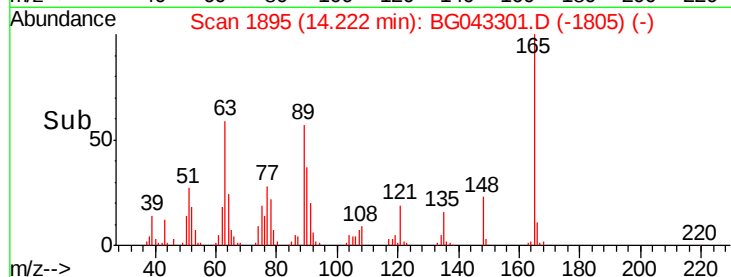
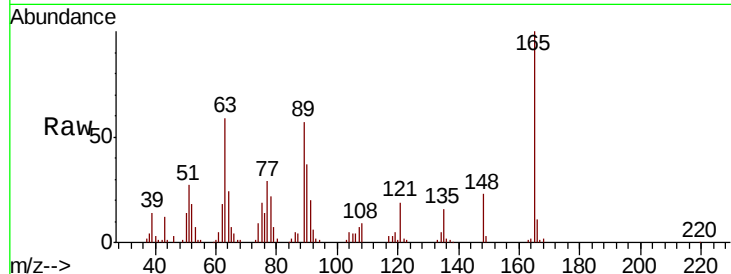
#51
2,6-Dinitrotoluene
Concen: 42.629 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleID :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.0	47.1	70.7
89	56.5	43.7	65.5

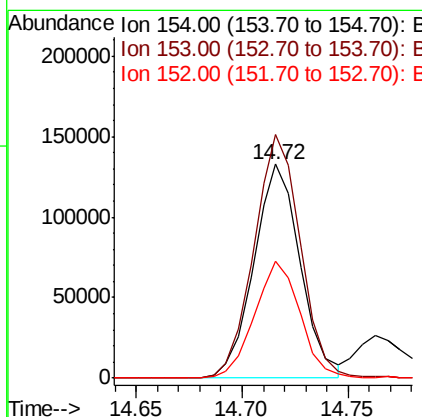
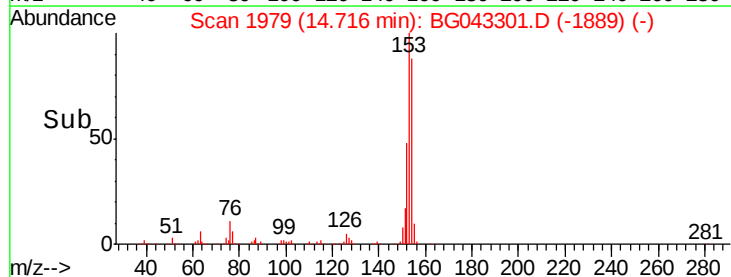
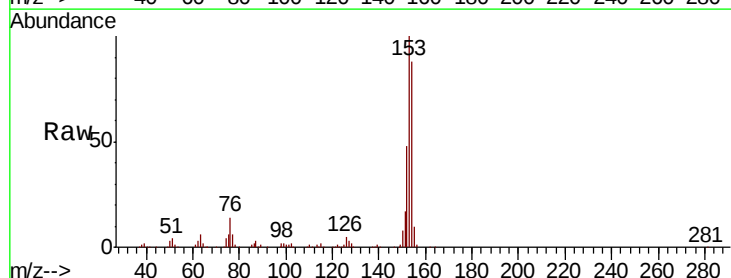
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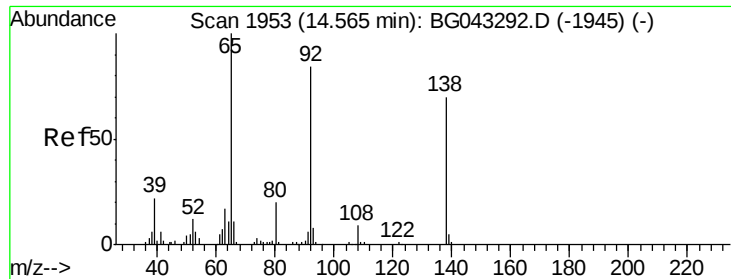
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#52
Acenaphthene
Concen: 41.988 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.9	136.3
152	54.6	43.9	65.9





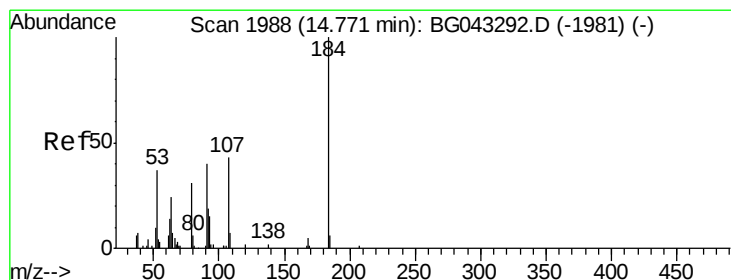
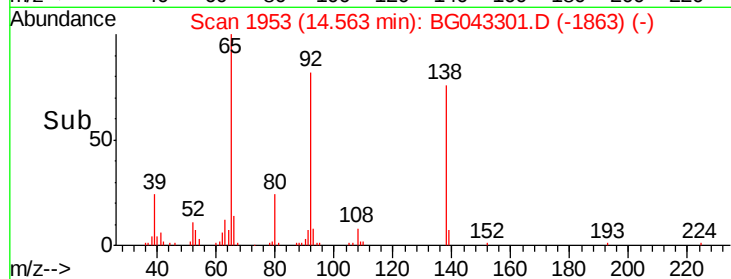
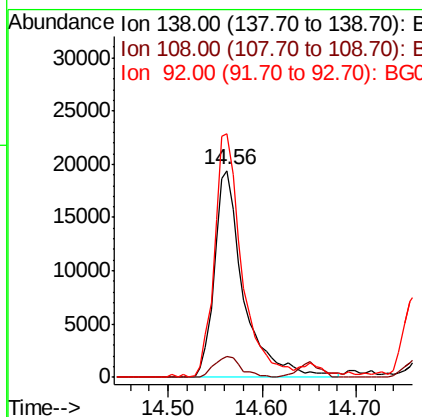
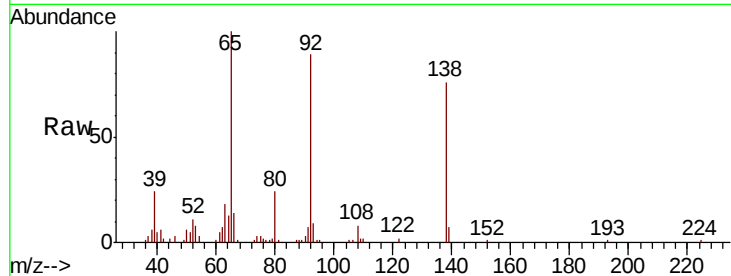
#53
3-Nitroaniline
Concen: 29.444 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.8	14.6
92	117.6	95.8	143.6

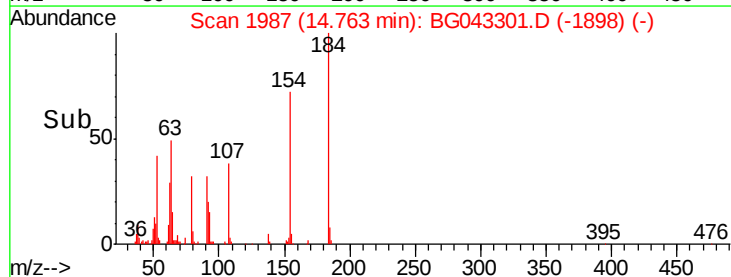
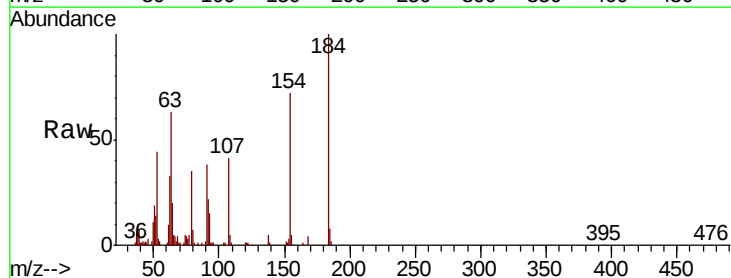
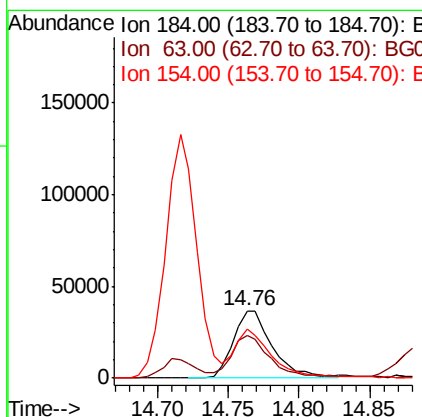
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#54
2,4-Dinitrophenol
Concen: 77.049 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	48.8	73.2
154	72.4	49.4	74.0





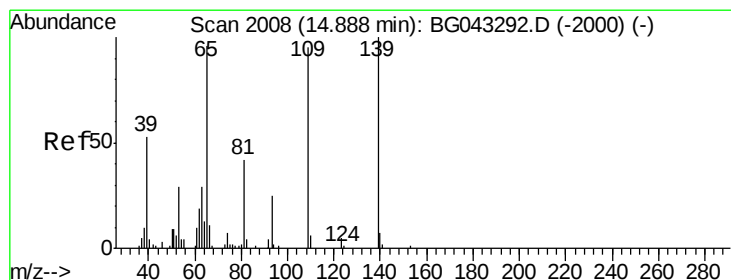
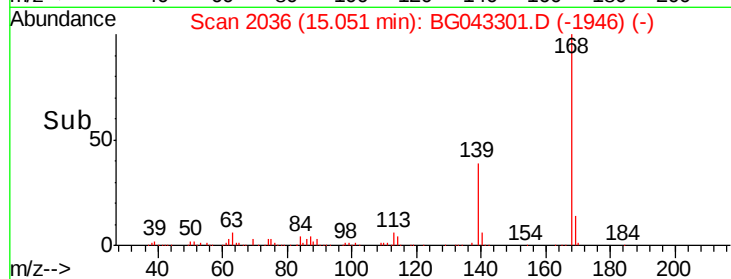
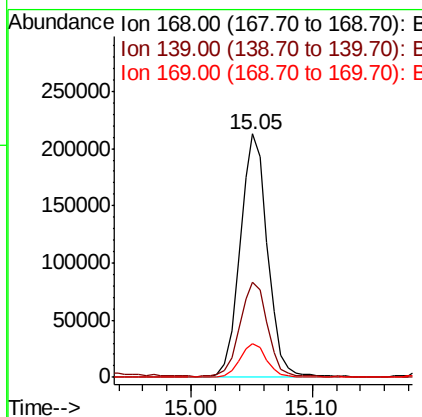
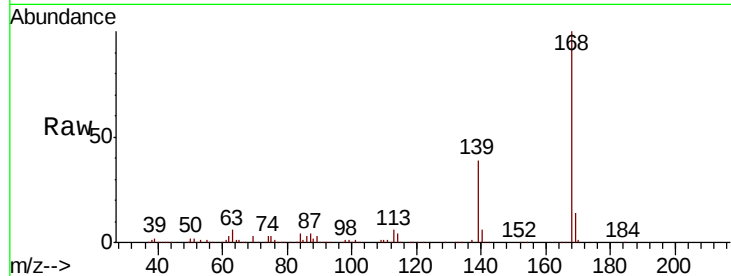
#55
Dibenzenofuran
Concen: 42.893 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.7	47.5
169	14.1	11.0	16.4

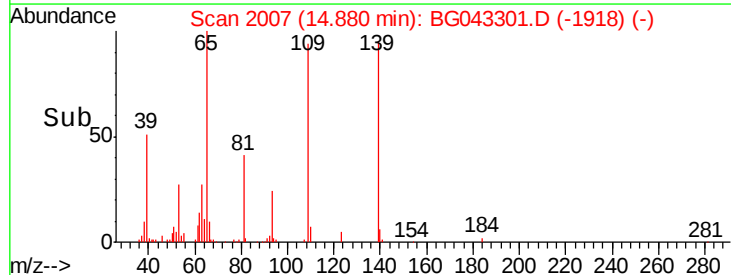
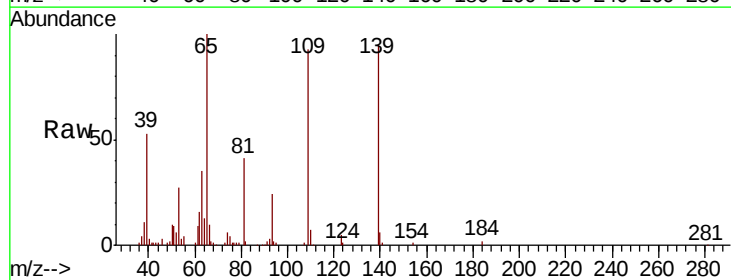
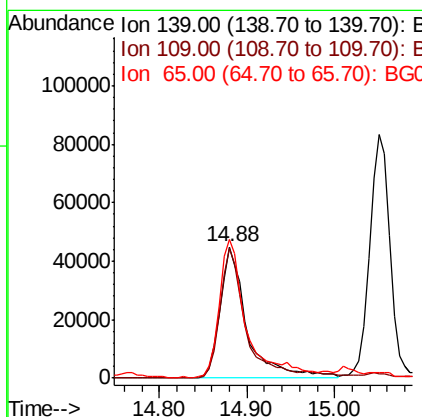
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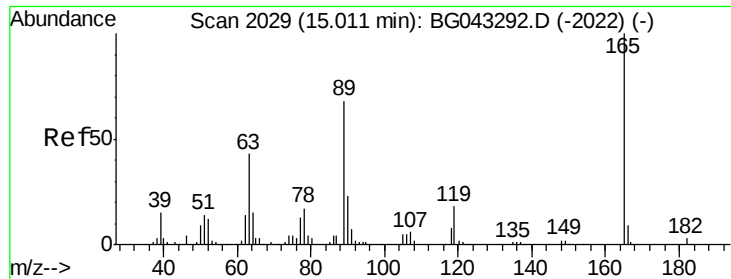
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#56
4-Nitrophenol
Concen: 100.434 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.5	75.4	115.4
65	105.7	76.6	116.6





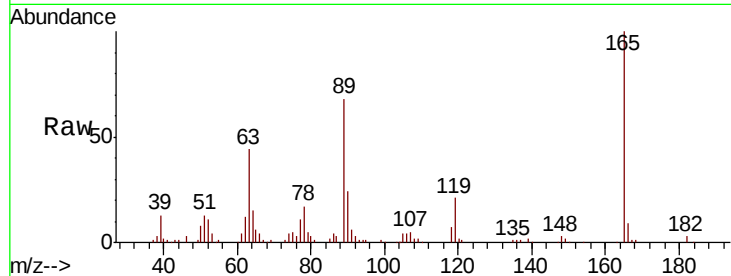
#57
2,4-Dinitrotoluene
Concen: 42.856 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.8	35.0	52.6	
89	67.6	54.1	81.1	
182	2.9	2.2	3.2	

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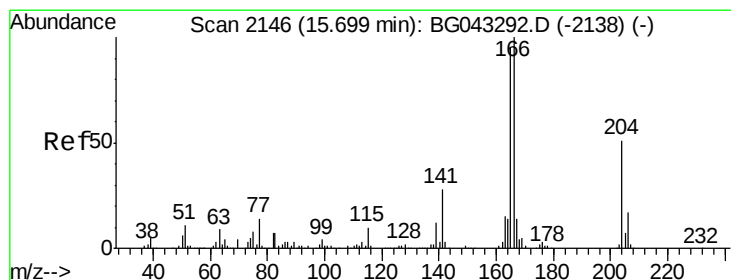
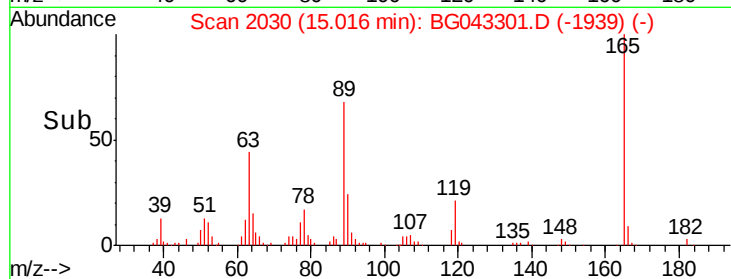
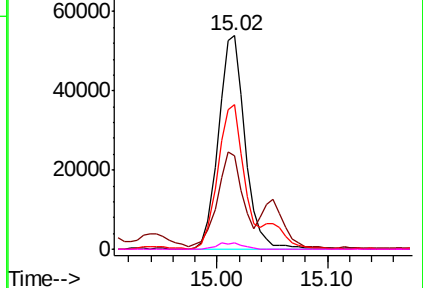
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

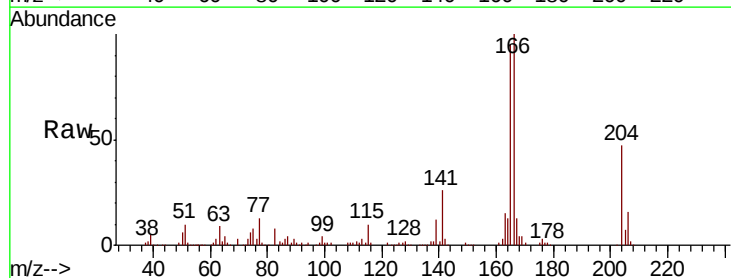
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.958 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.3	76.4	114.6	
167	13.2	11.1	16.7	

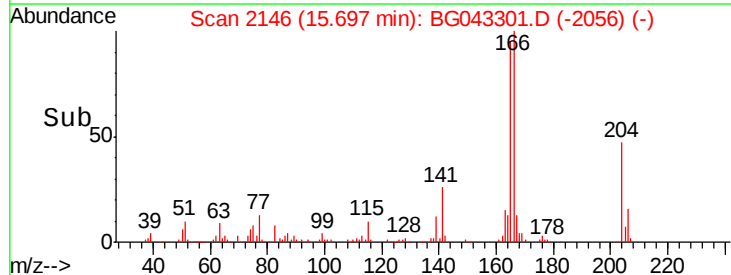
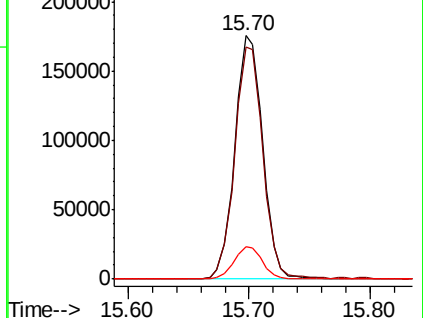


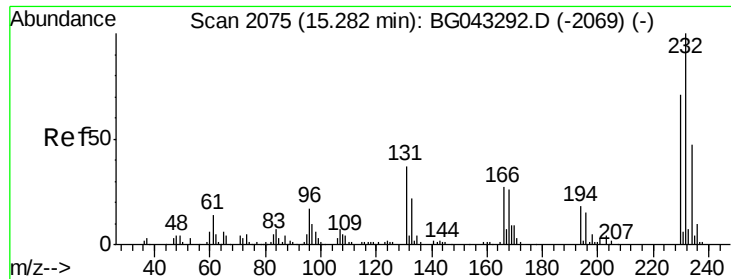
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





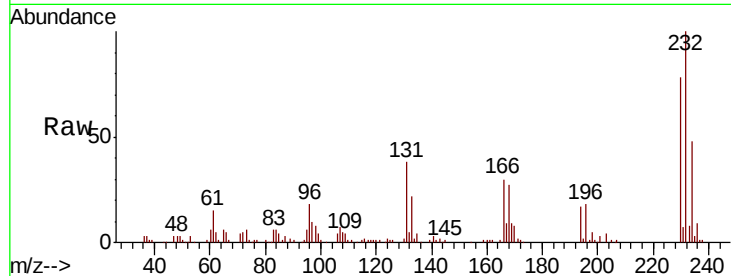
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.603 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.4	28.7	43.1
130	1.7	0.6	0.8
166	26.9	21.1	31.7

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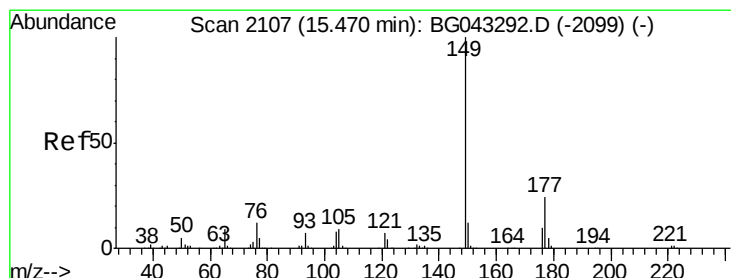
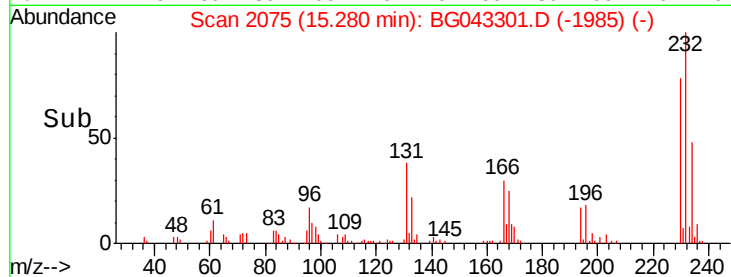
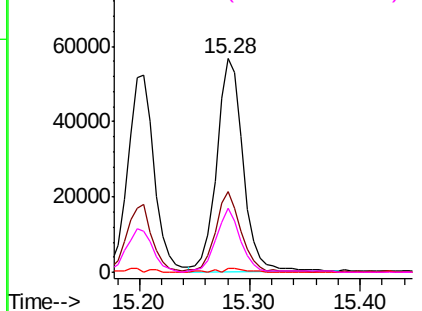
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

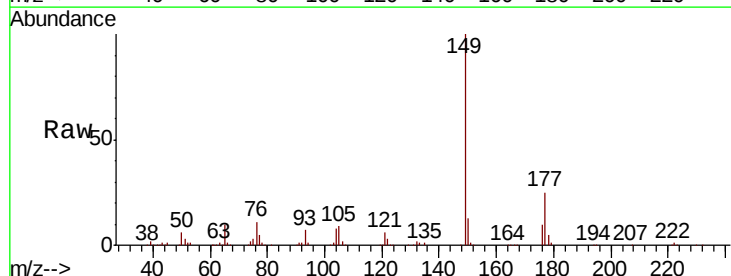
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.265 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.0	28.4
150	12.7	9.4	14.0

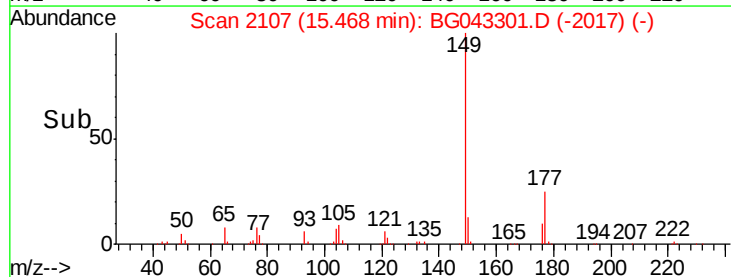
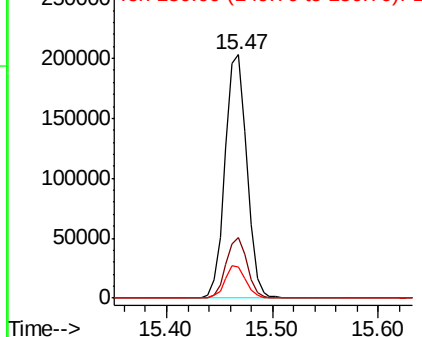


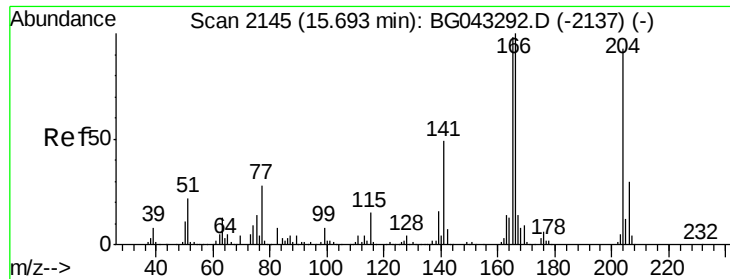
Abundance

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





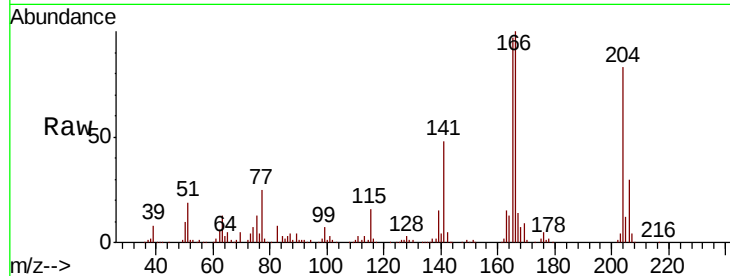
#61
 4-Chlorophenyl-phenylether
 Concen: 41.828 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

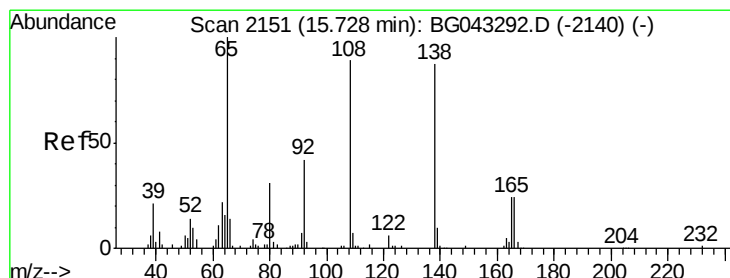
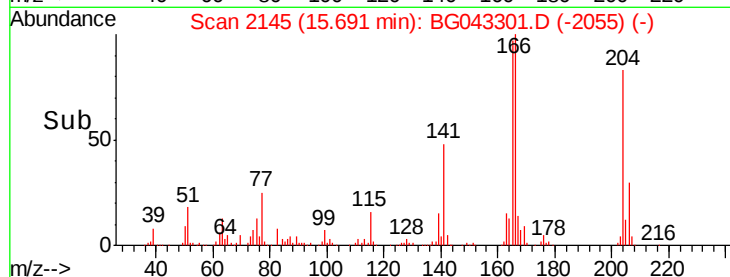
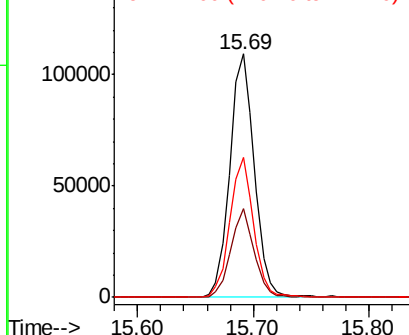
Tot Ion:	204	Resp:	160438
Ion Ratio	Lower	Upper	
204	100		
206	36.2	25.7	38.5
141	57.4	42.3	63.5

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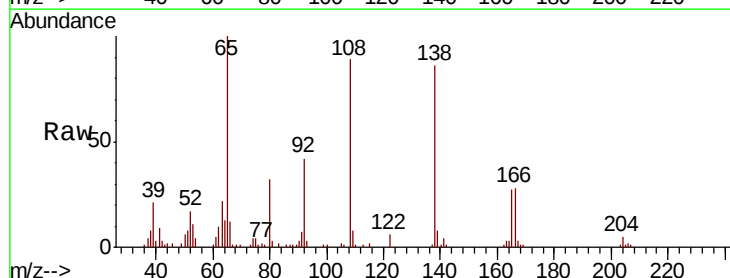


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

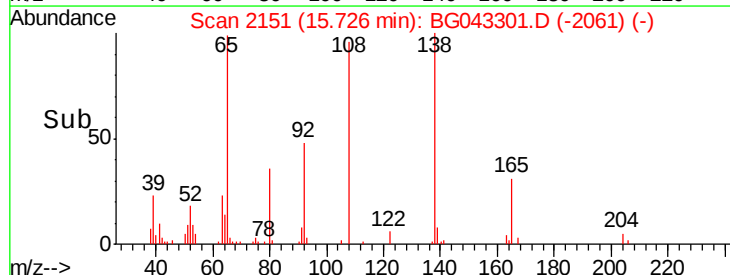
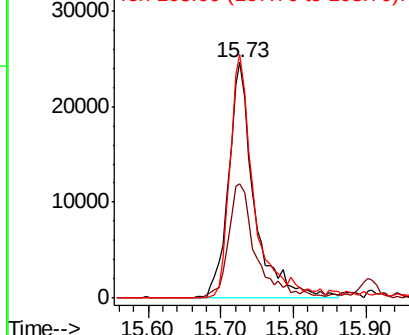


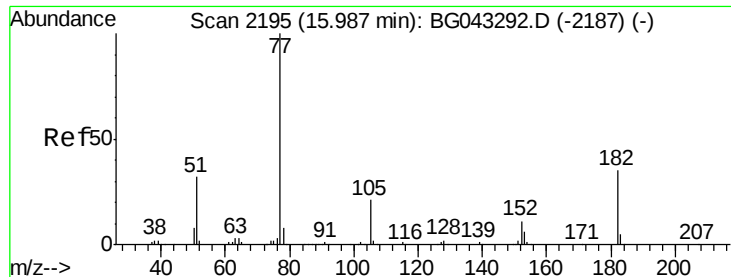
#62
 4-Nitroaniline
 Concen: 40.871 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion:	138	Resp:	60341
Ion Ratio	Lower	Upper	
138	100		
92	48.4	28.8	68.8
108	103.5	82.7	122.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





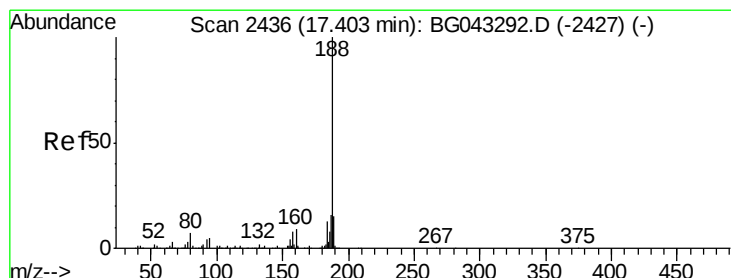
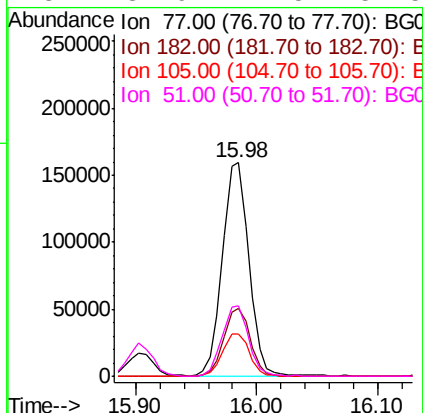
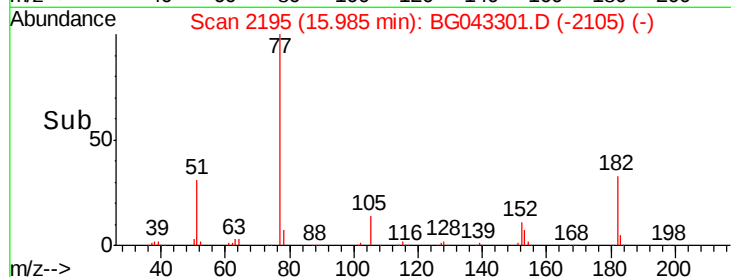
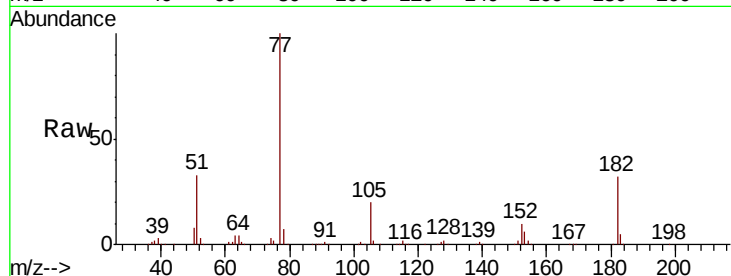
#63
Azobenzene
Concen: 43.832 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.9	14.9	54.9
105	19.9	0.6	40.6
51	32.9	12.5	52.5

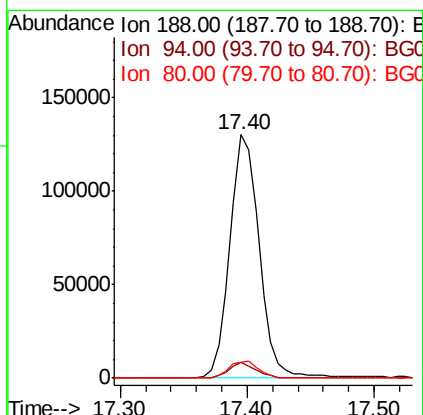
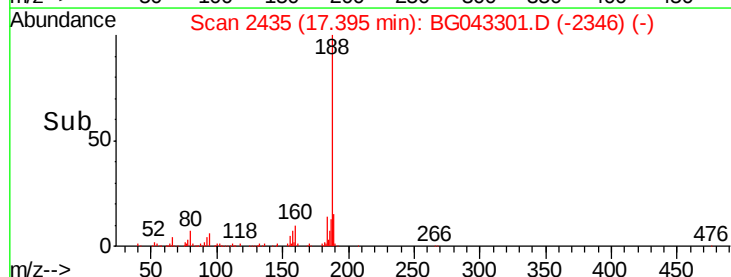
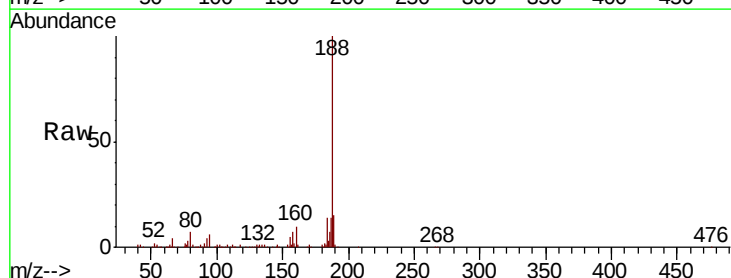
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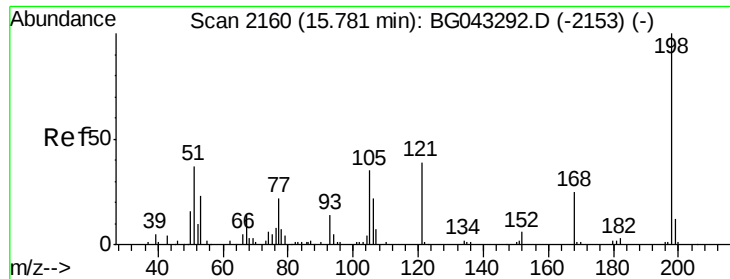
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.2	6.2#
80	6.6	5.2	7.8





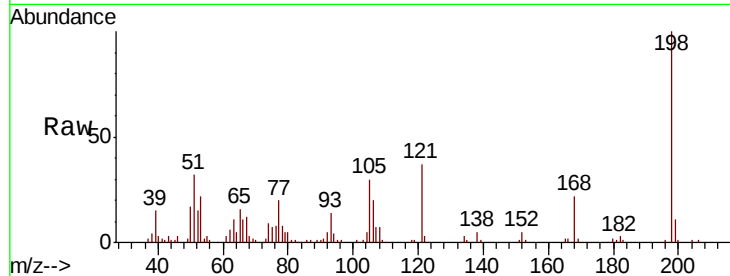
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.414 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	57113		
51	32.0		21.4	61.4
105	30.3		16.5	56.5

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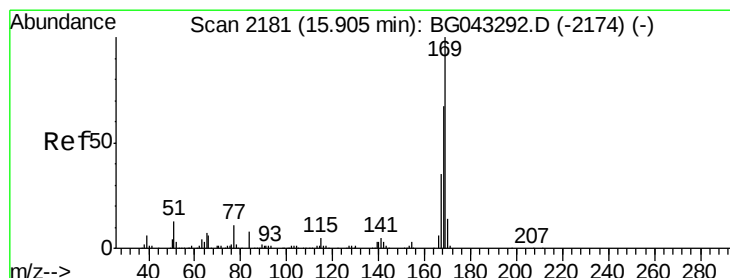
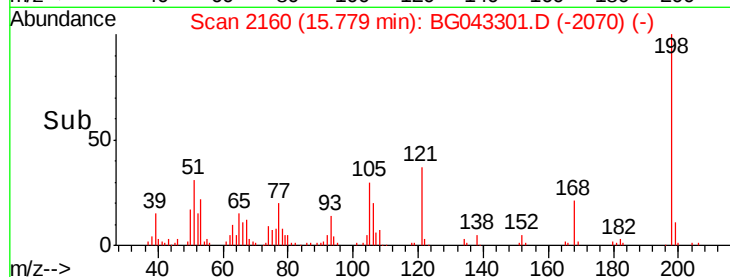
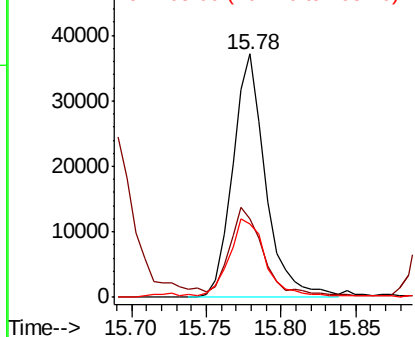


Abundance

Ion 198.00 (197.70 to 198.70): E

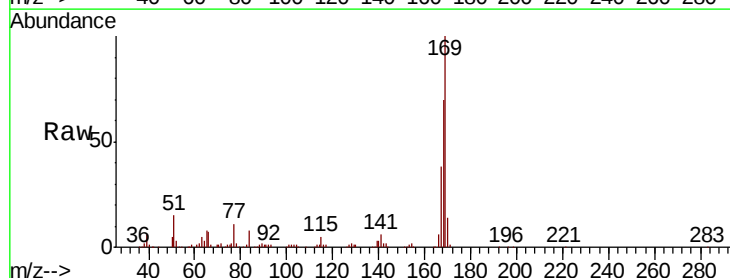
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 42.803 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	252673		
168	69.8		53.9	80.9
167	37.7		28.3	42.5

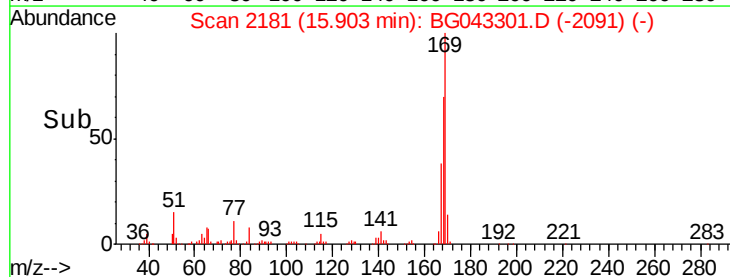
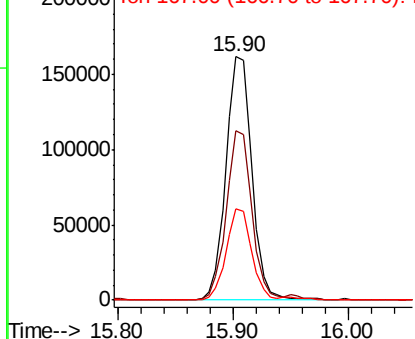


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





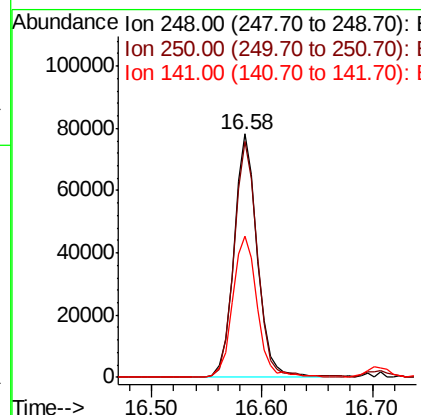
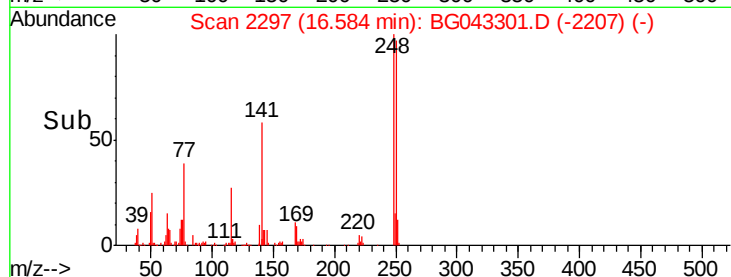
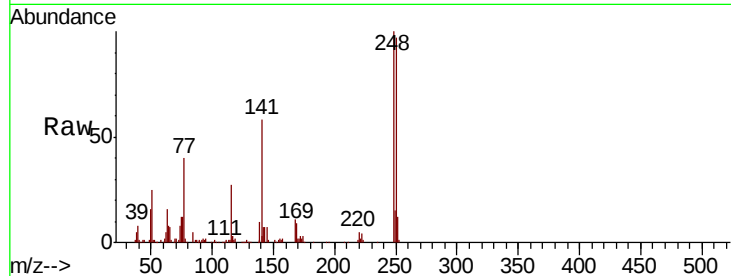
#67
4-Bromophenyl-phenylether
Concen: 41.082 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.3	118.9
141	57.9	47.9	71.9

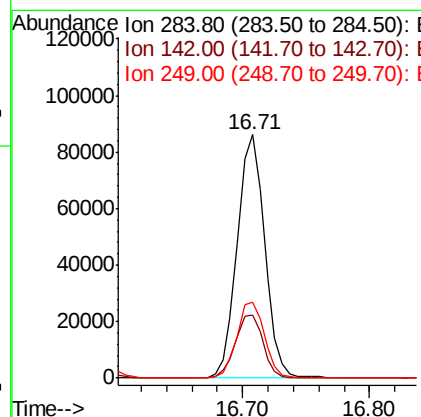
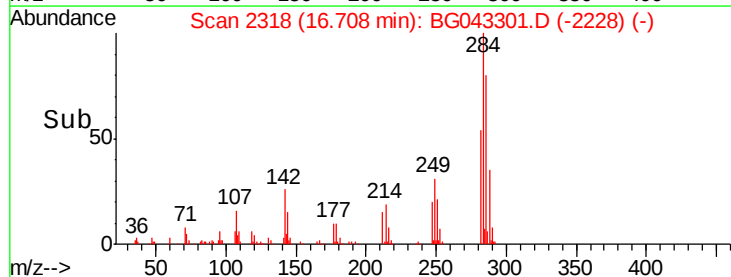
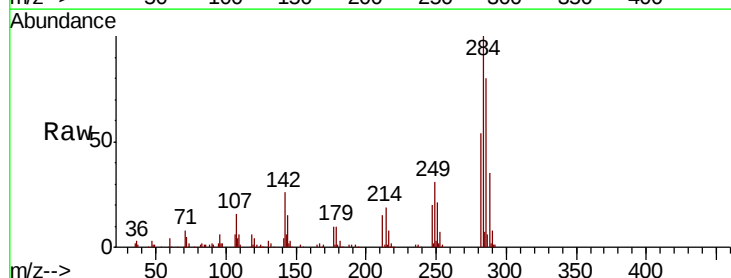
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#68
Hexachlorobenzene
Concen: 39.829 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.1	31.7
249	31.3	24.4	36.6





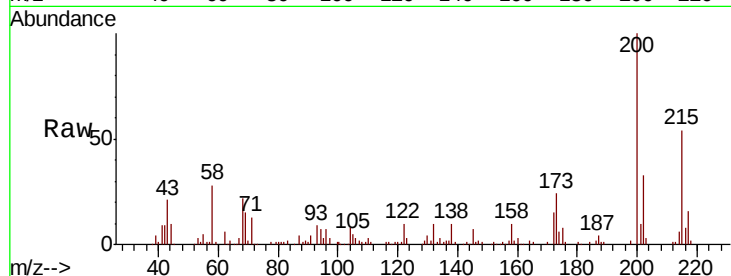
#69
Atrazine
Concen: 56.138 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.8	5.1	45.1
215	53.9	26.6	66.6

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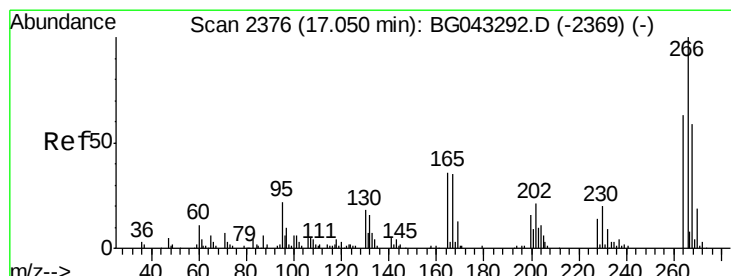
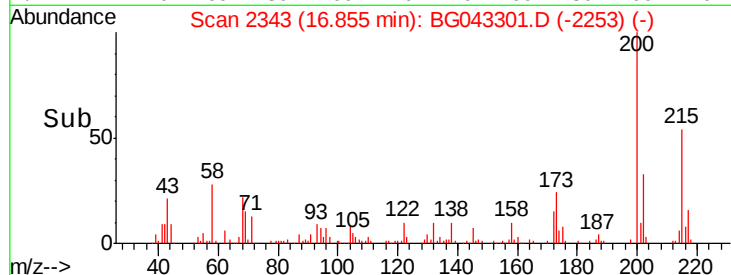
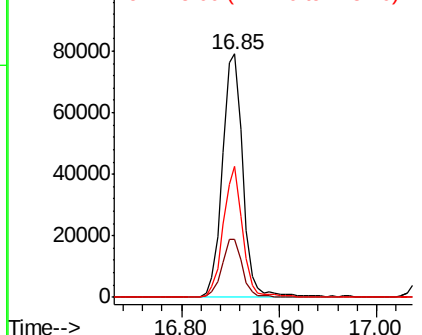


Abundance

Ion 200.00 (199.70 to 200.70): E

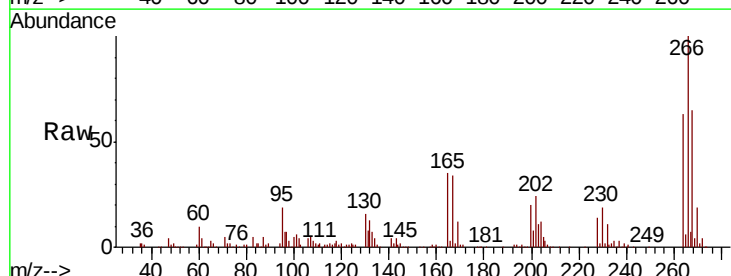
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.839 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.9	47.1	70.7
264	63.4	50.4	75.6

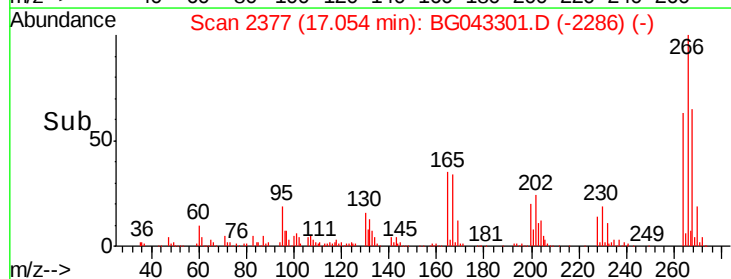
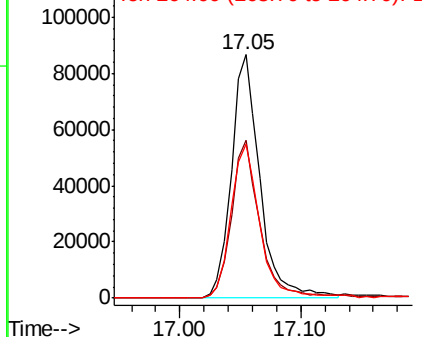


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





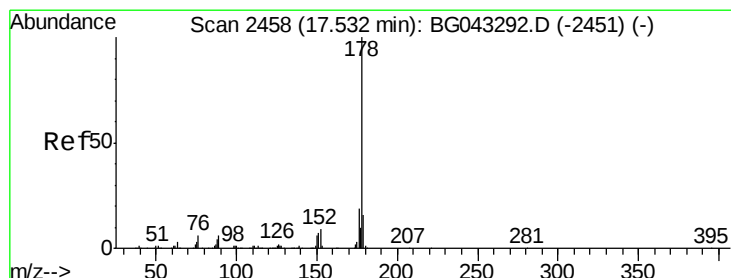
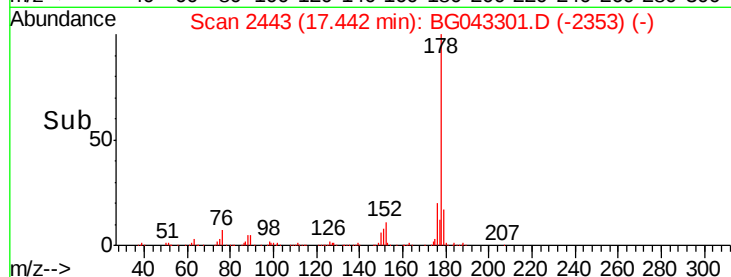
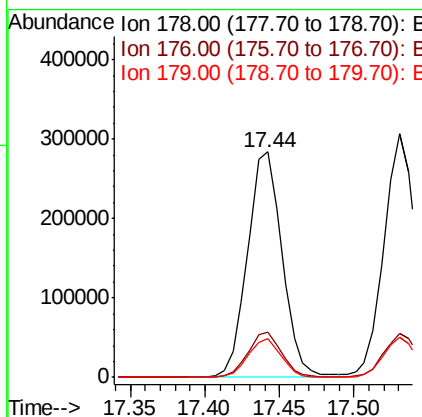
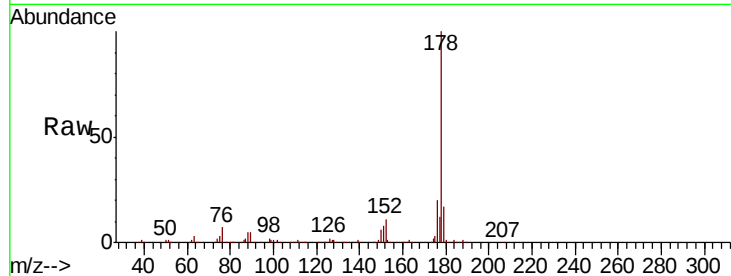
#71
 Phenanthrene
 Concen: 42.564 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	17.3	13.1	19.7

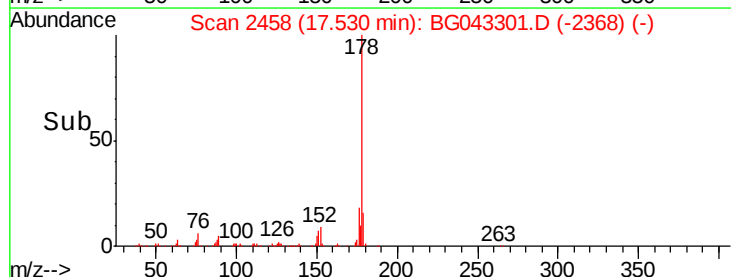
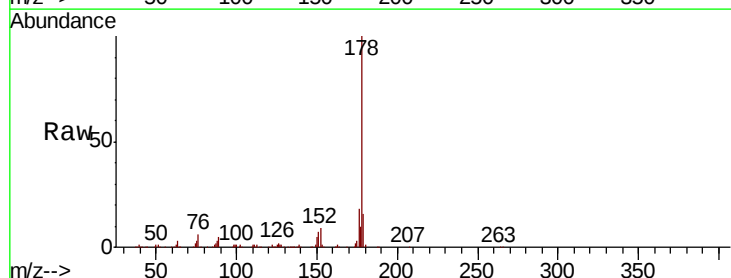
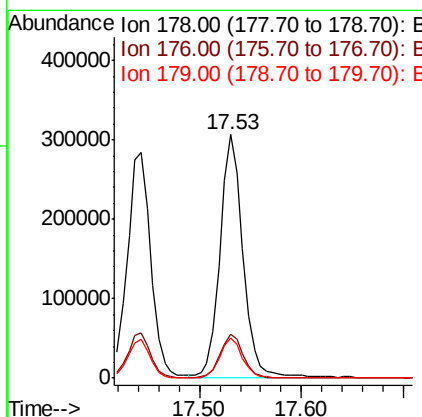
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#72
 Anthracene
 Concen: 44.588 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.4	13.0	19.6





#73

Carbazole

Concen: 45.156 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

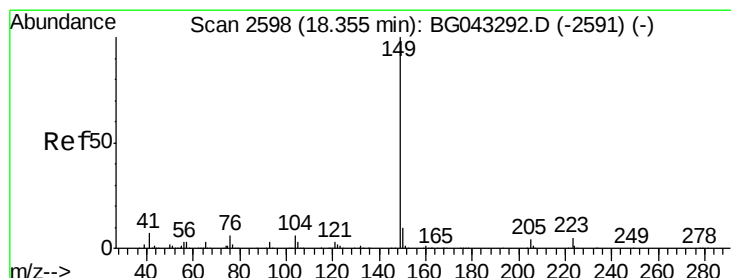
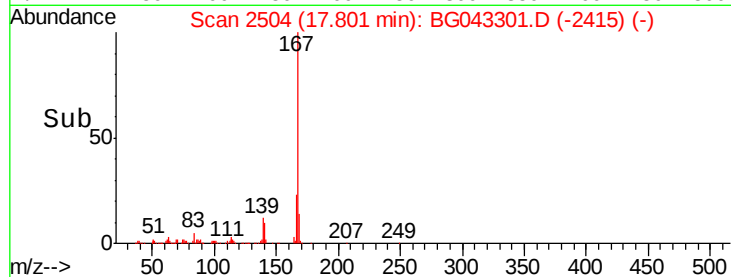
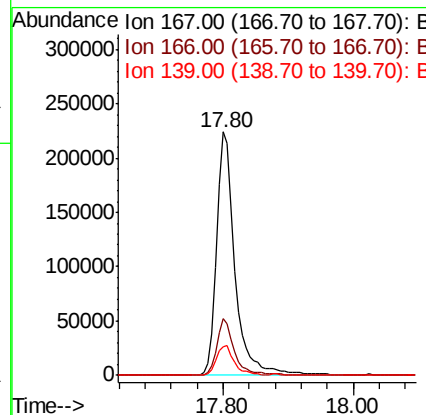
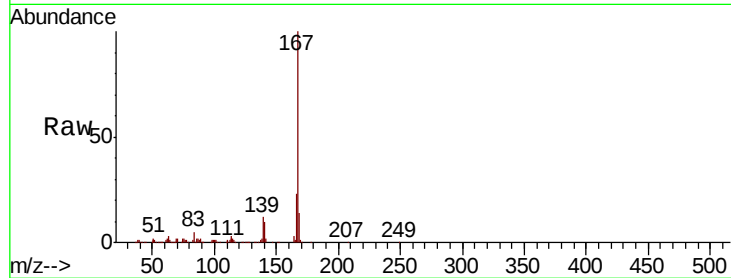
ClientSampleId :

PB123945BSD

Tot Ion:	167	Resp:	438059
Ion Ratio	Lower	Upper	
167	100		
166	23.5	18.4	27.6
139	11.9	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 44.616 ng

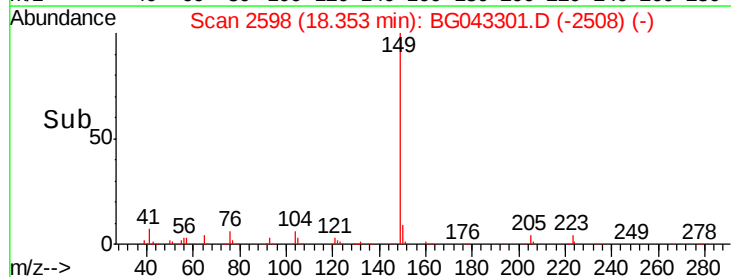
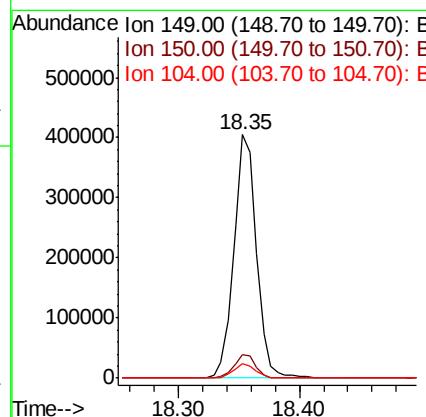
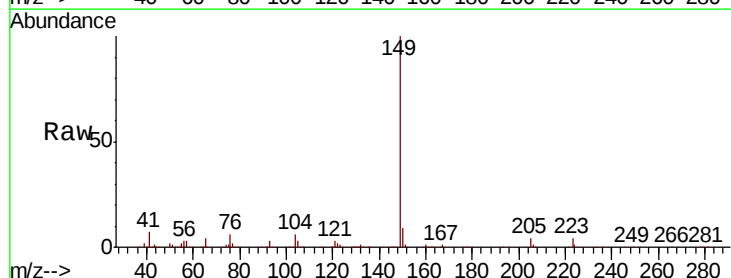
RT: 18.35 min Scan# 2598

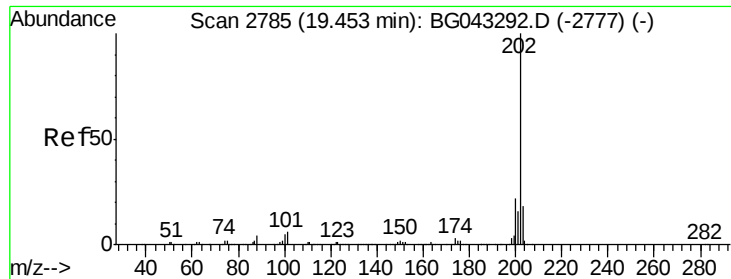
Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	149	Resp:	525170
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 46.478 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

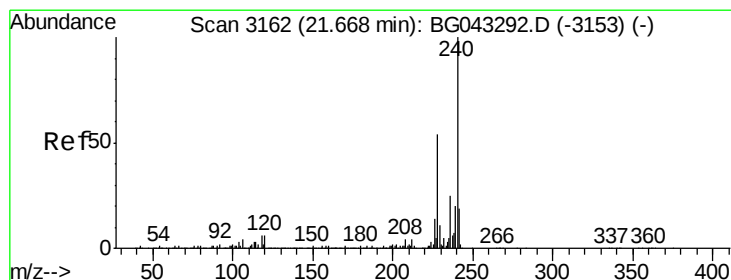
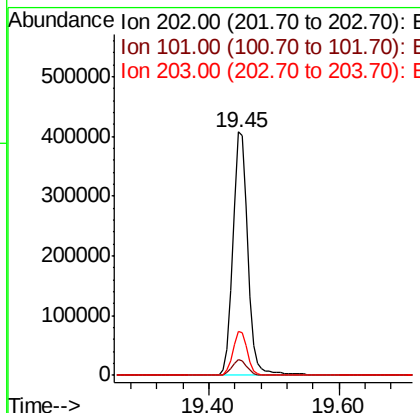
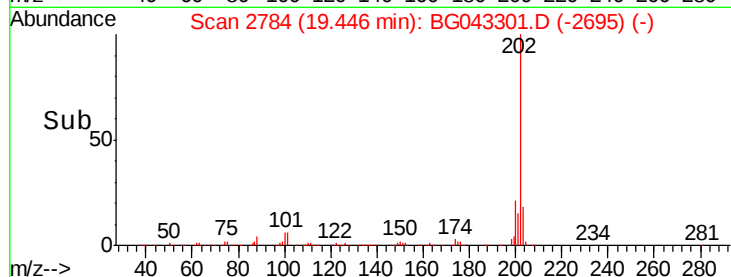
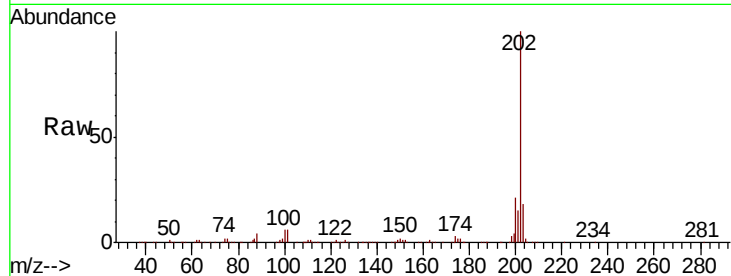
ClientSampleId :

PB123945BSD

Tot Ion:	202	Resp:	648767
Ion Ratio		Lower	Upper
202	100		
101	6.4	0.0	26.0
203	18.0	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

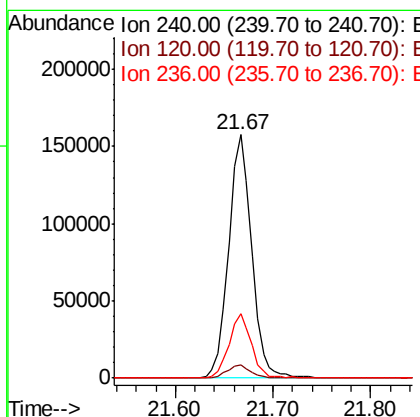
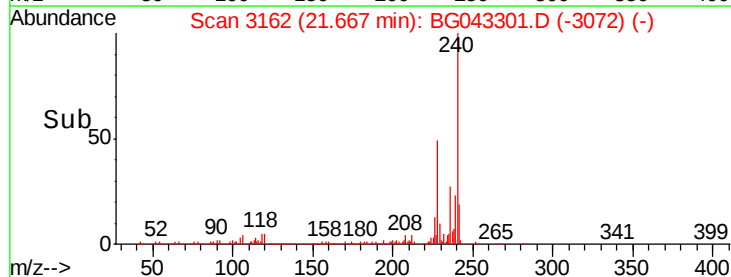
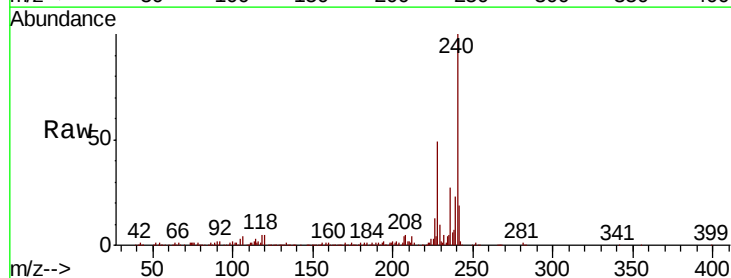
RT: 21.67 min Scan# 3162

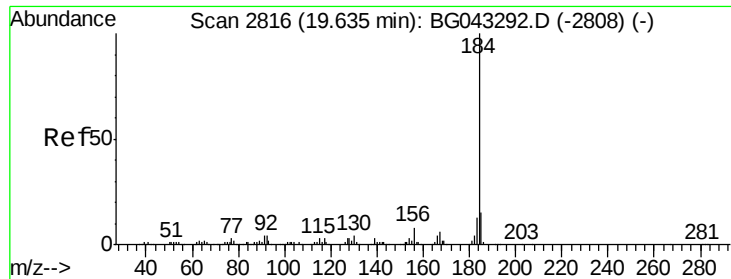
Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	240	Resp:	258247
Ion Ratio		Lower	Upper
240	100		
120	5.2	4.6	7.0
236	26.6	20.2	30.4





#77

Benzidine

Concen: 58.931 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

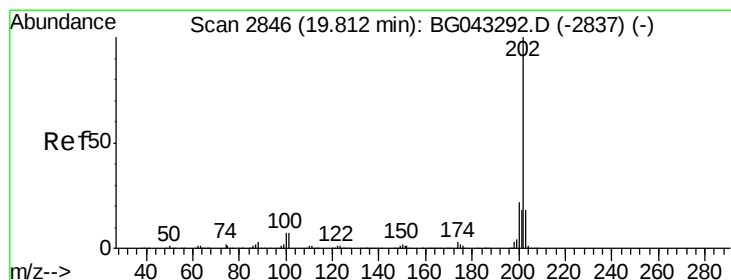
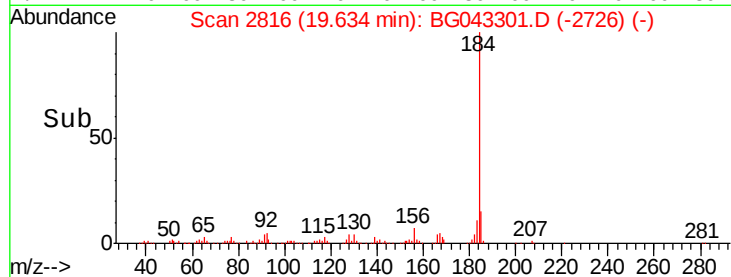
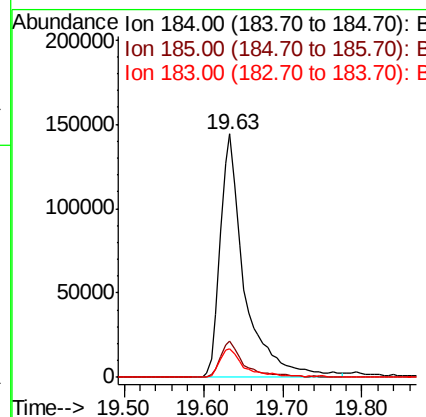
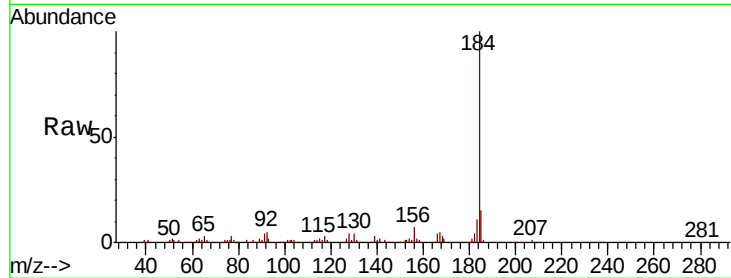
ClientSampleId :

PB123945BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	14.9	11.8	17.6		
183	11.5	10.6	16.0		

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#78

Pyrene

Concen: 41.135 ng

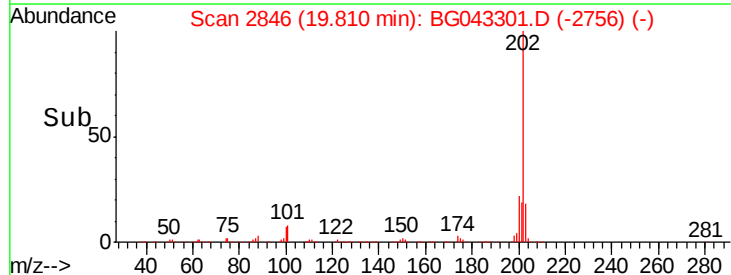
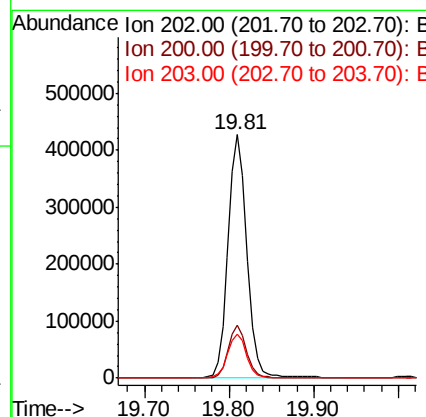
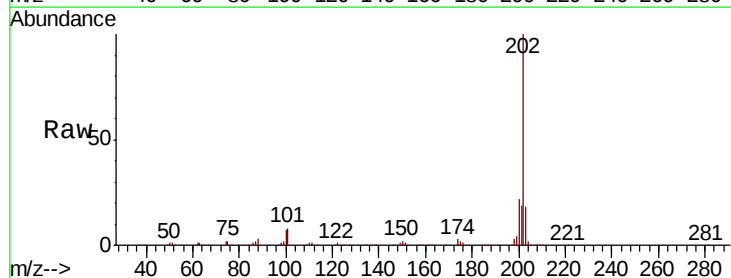
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.5	17.3	25.9		
203	18.0	14.5	21.7		





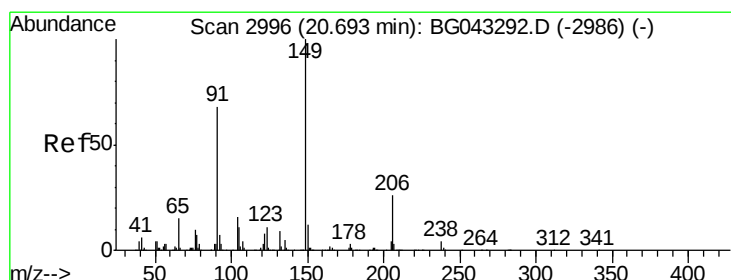
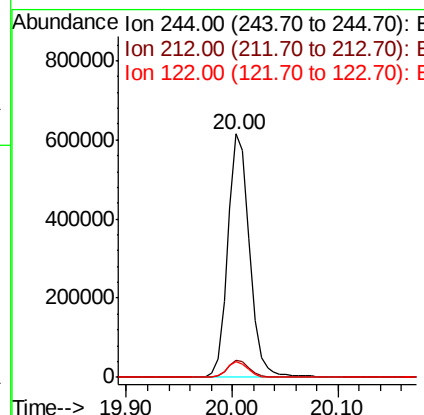
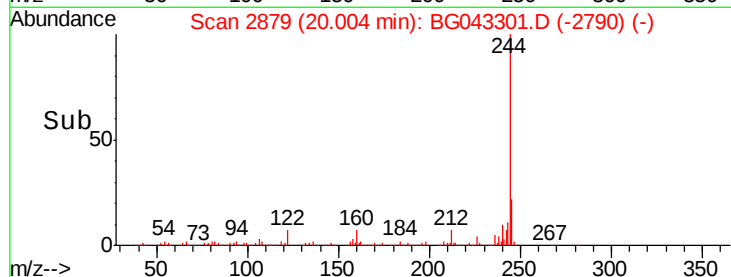
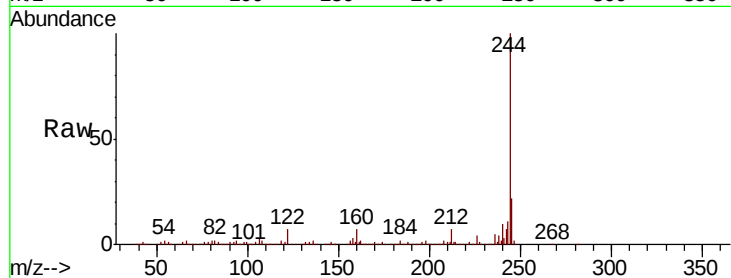
#79
 Terphenyl-d14
 Concen: 63.650 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.7	5.3	7.9

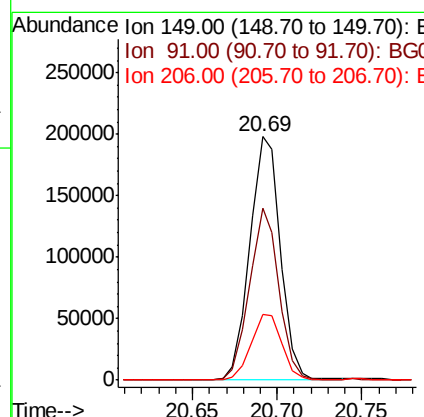
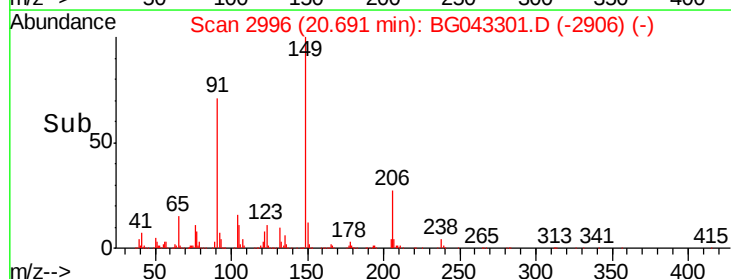
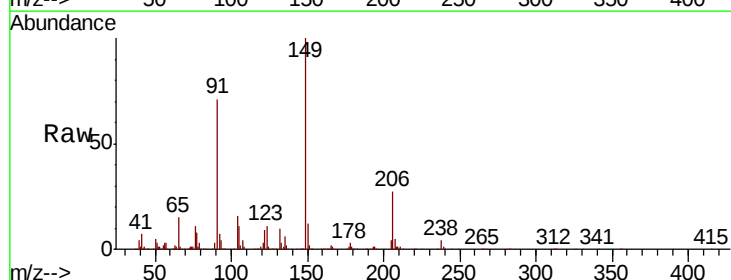
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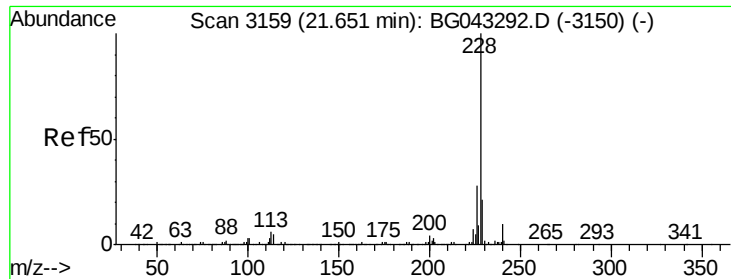
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#80
 Butylbenzylphthalate
 Concen: 41.315 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	54.6	82.0
206	26.9	20.5	30.7





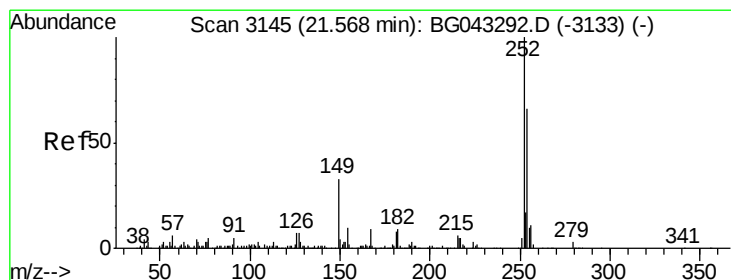
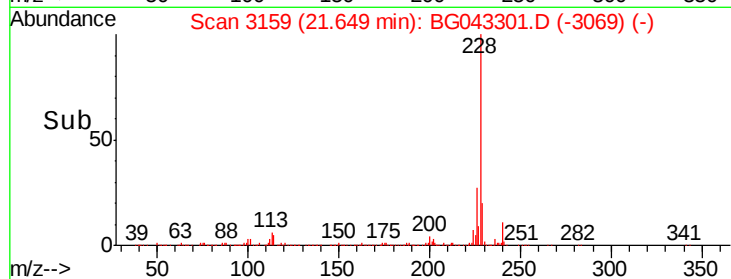
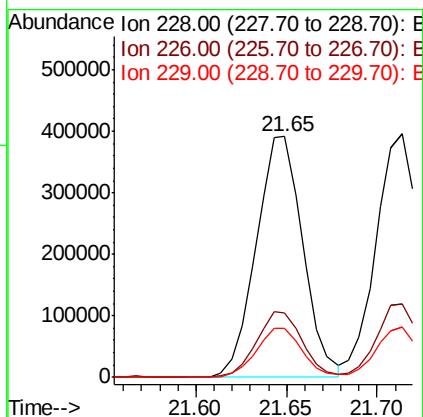
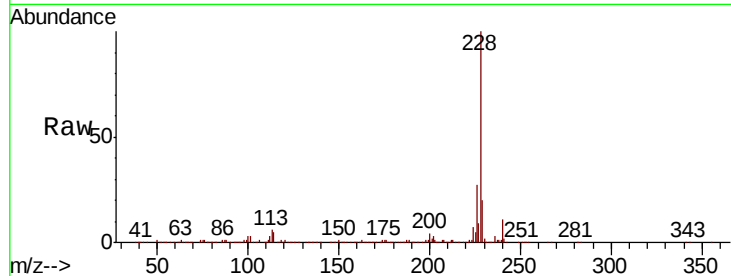
#81
Benzo(a)anthracene
Concen: 43.255 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.4
229	20.4	16.9	25.3

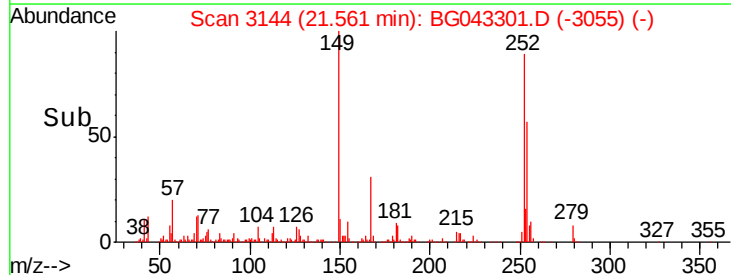
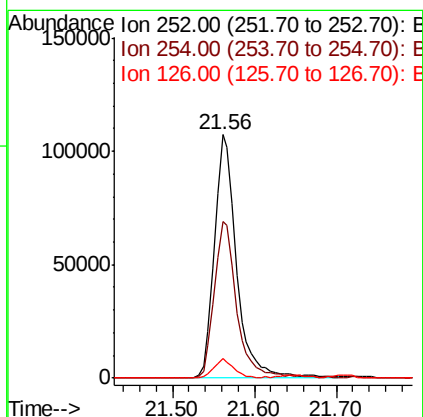
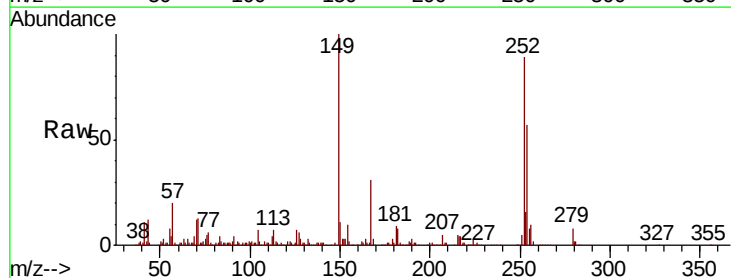
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#82
3,3'-Dichlorobenzidine
Concen: 32.562 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.7	79.1
126	7.9	5.6	8.4





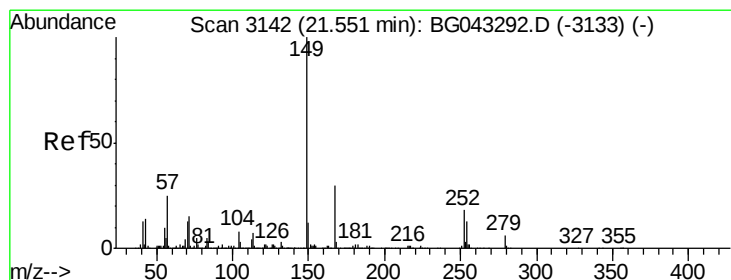
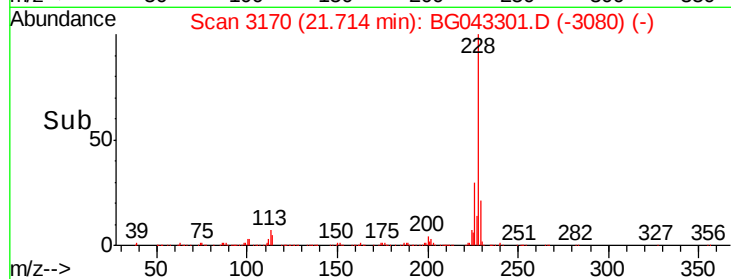
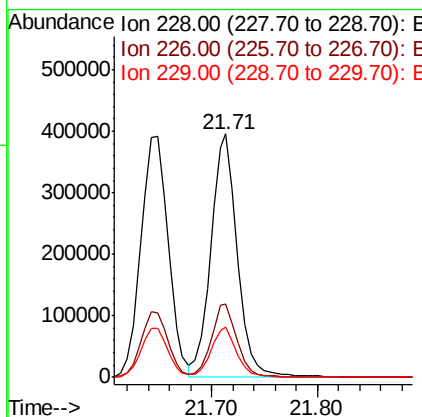
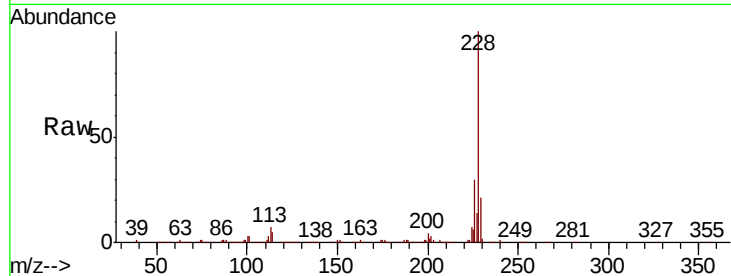
#83
 Chrvsene
 Concen: 42.718 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.8	16.3	24.5

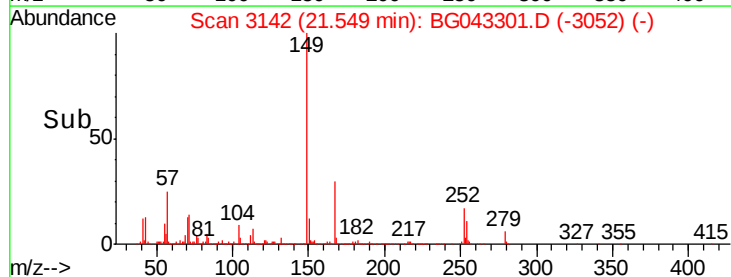
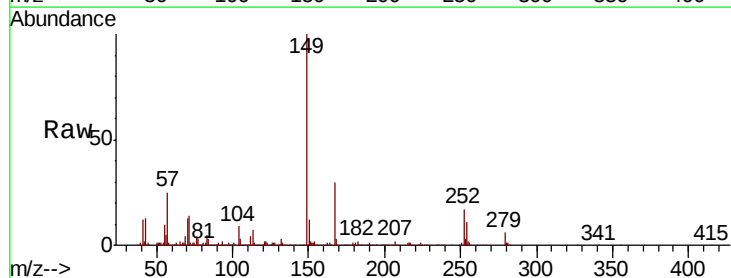
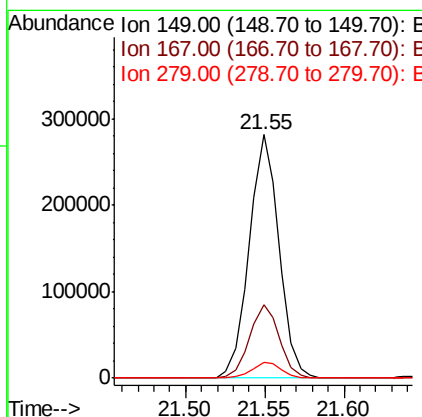
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.644 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.9	35.9
279	6.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 43.081 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

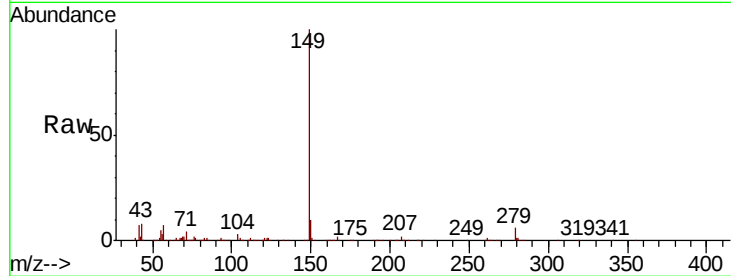
ClientSampleId :

PB123945BSD

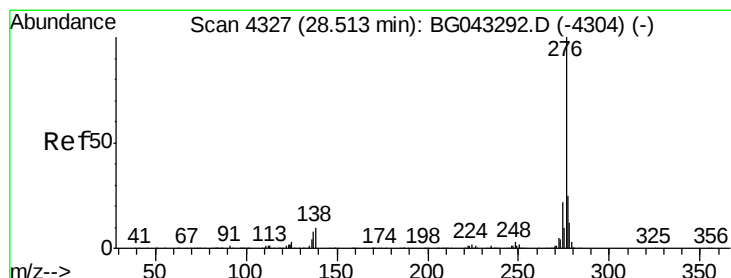
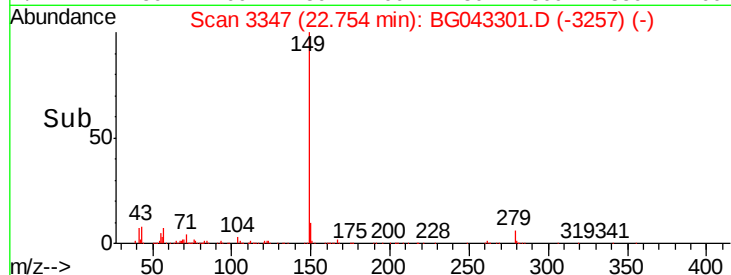
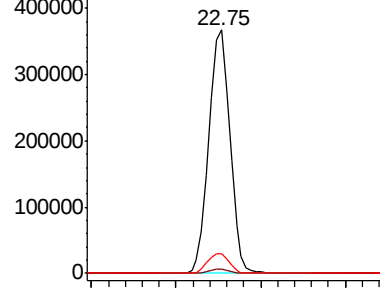
Tot Ion:	149	Resp:	628788
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.3	6.9	10.3

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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: 42.753 ng

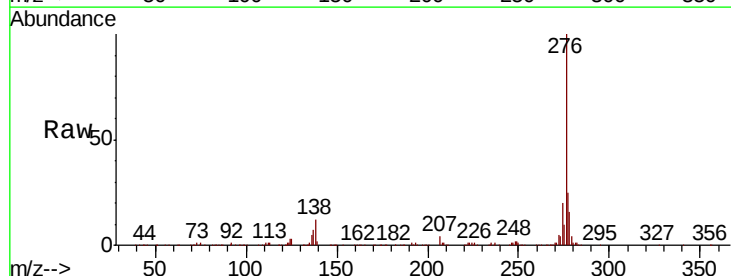
RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

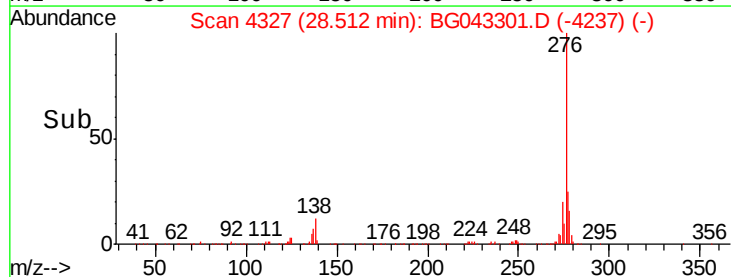
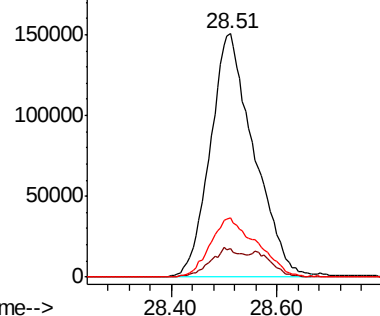
Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	276	Resp:	862539
Ion Ratio		Lower	Upper
276	100		
138	9.2	7.2	10.8
277	26.0	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: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

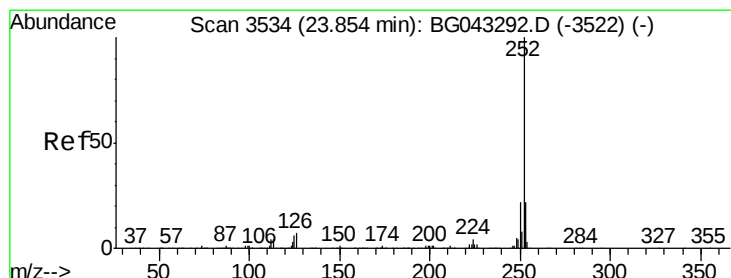
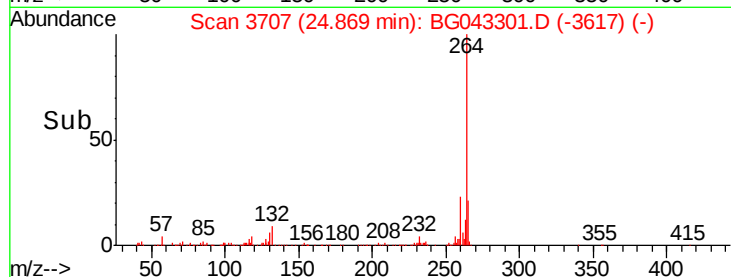
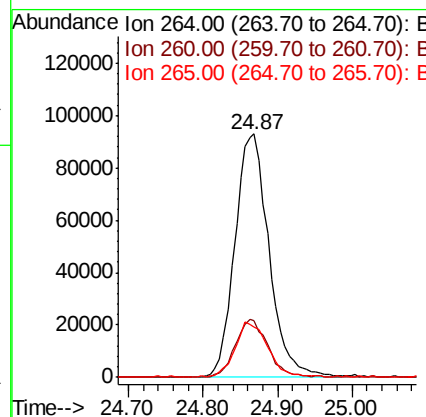
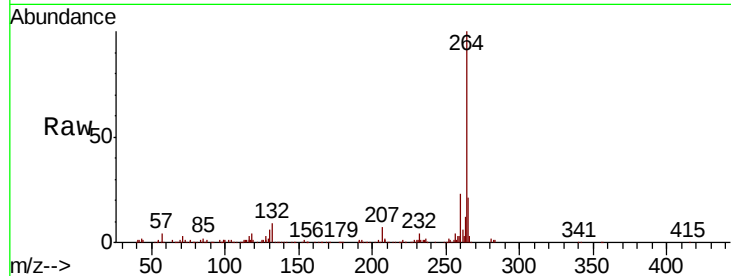
ClientSampleId :

PB123945BSD

Tot Ion:	264	Resp:	295260
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.9	26.9
265	20.8	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 42.529 ng

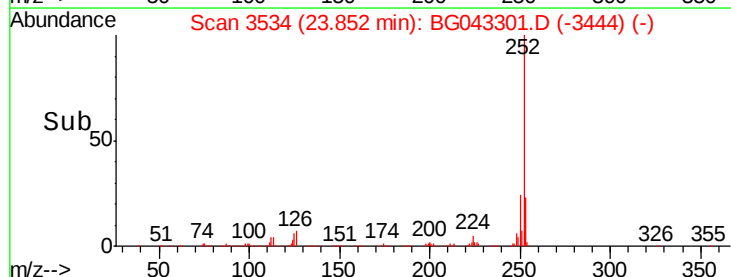
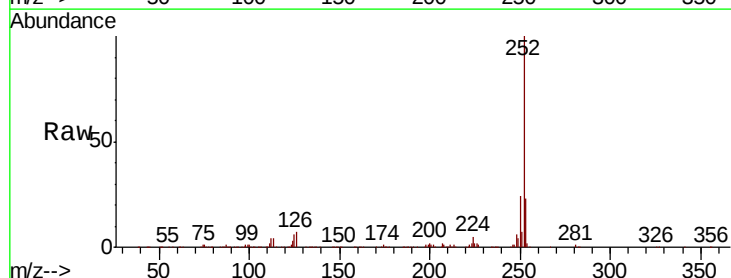
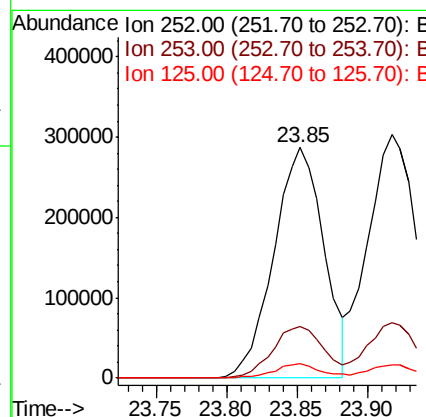
RT: 23.85 min Scan# 3534

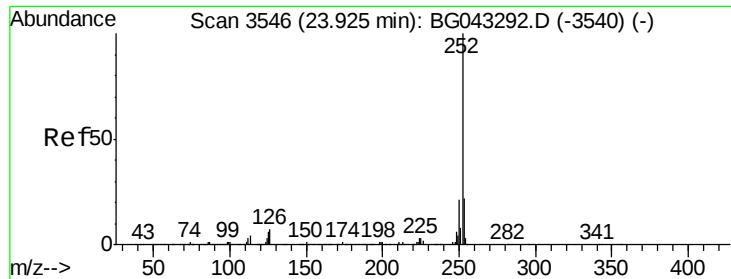
Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:	252	Resp:	711191
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	6.0	5.0	7.6





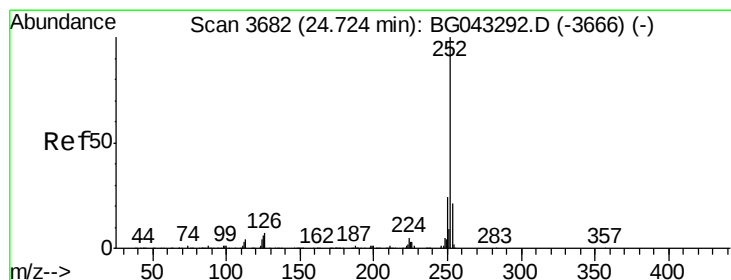
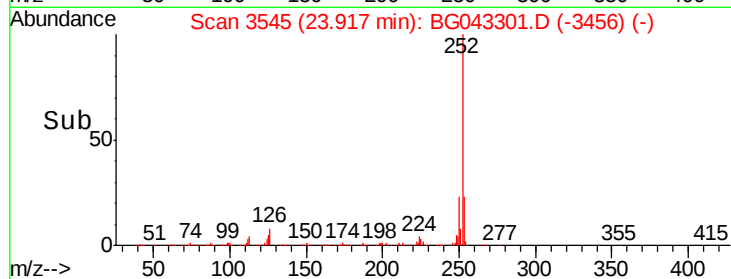
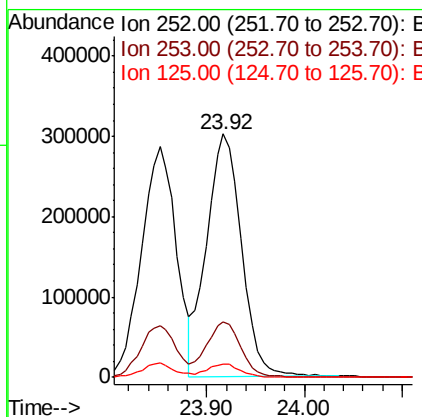
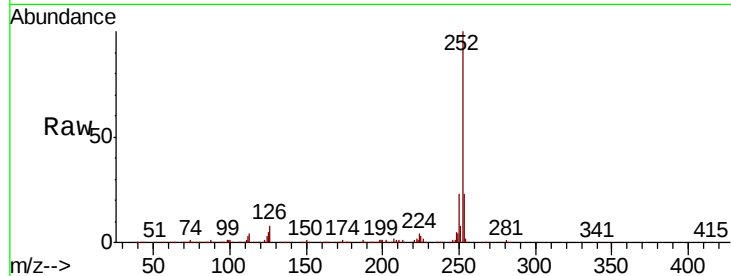
#89
Benzo(k)fluoranthene
Concen: 44.430 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.4	4.5	6.7

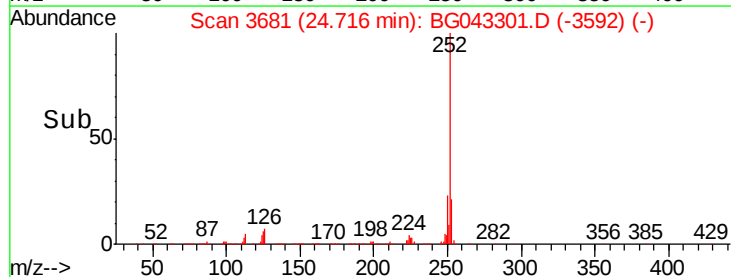
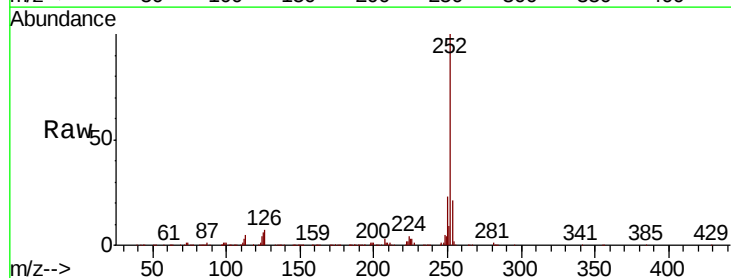
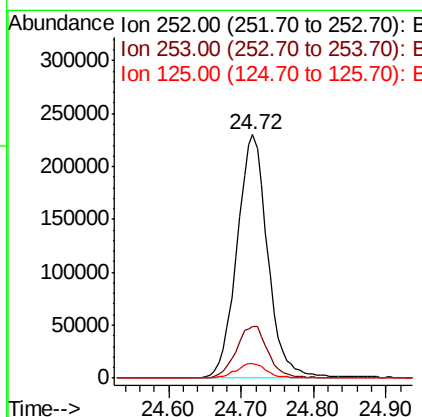
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#90
Benzo(a)pyrene
Concen: 42.331 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	6.0	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 44.352 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

Tot Ion:278 Resp: 724438

Ion Ratio Lower Upper

278 100

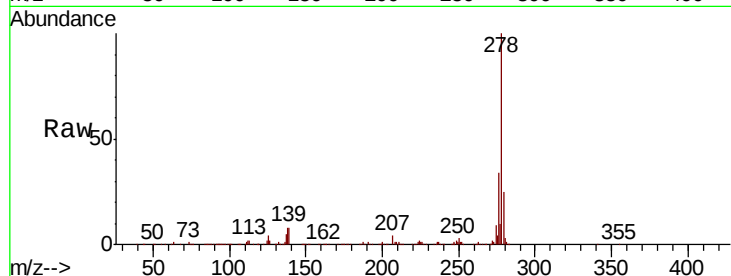
139 8.2 6.8 10.2

279 25.0 19.0 28.6

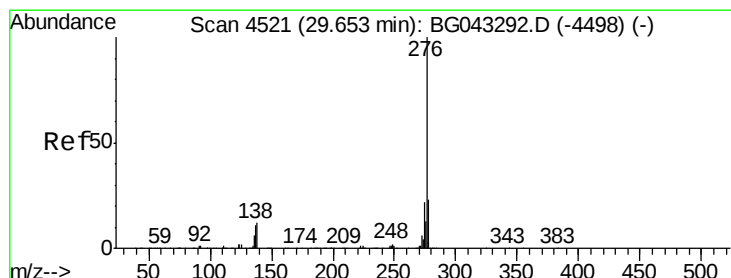
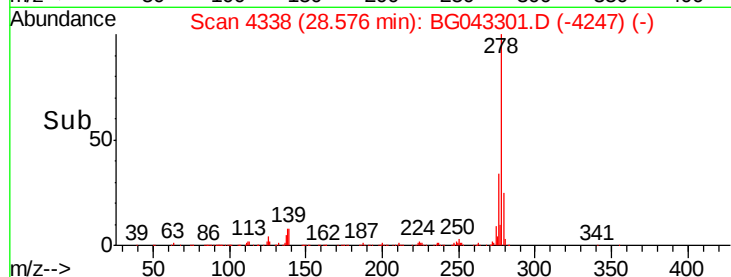
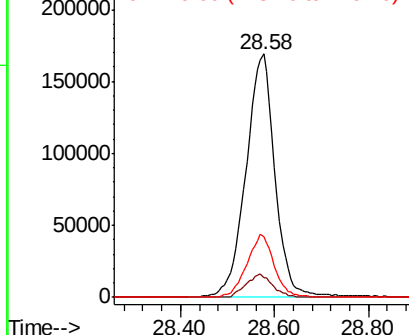
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.501 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

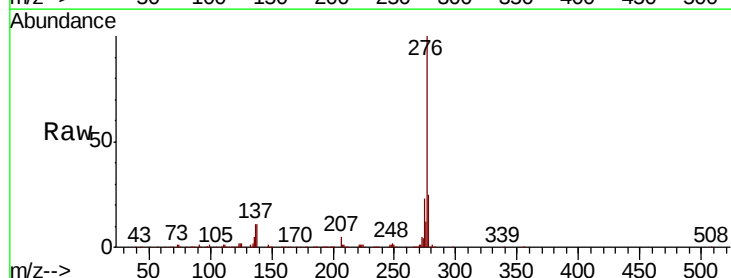
Tgt Ion:276 Resp: 733100

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 11.2 9.3 13.9



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

