

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043402.D
 Acq On : 30 Oct 2019 16:02
 Operator : JU
 Sample : PB124406BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Manual Integrations
 APPROVED

mohammad
 10/31/2019 2:51:52 PM

Quant Time: Oct 31 05:34:53 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	33844	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139584	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	107803	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	258773	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290371	20.00	ng	0.00
87) Perylene-d12	24.86	264	312385	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	246356	133.39	ng	0.00
7) Phenol-d6	7.21	99	325829	122.62	ng	0.00
23) Nitrobenzene-d5	9.18	82	168841	62.36	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	222976	108.69	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	469394	60.17	ng	0.00
79) Terphenyl-d14	20.00	244	973442	62.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	28218	39.206	ng	# 92
3) Pyridine	3.89	79	67487	37.171	ng	98
4) n-Nitrosodimethylamine	3.80	42	39876	43.526	ng	# 90
6) Aniline	7.35	93	107534	35.129	ng	93
8) 2-Chlorophenol	7.59	128	99436	48.772	ng	98
9) Benzaldehyde	7.16	77	54987	42.106	ng	86
10) Phenol	7.24	94	117981	48.587	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	81275	43.292	ng	96
12) 1,3-Dichlorobenzene	7.91	146	106291	41.610	ng	96
13) 1,4-Dichlorobenzene	8.05	146	107679	41.664	ng	98
14) 1,2-Dichlorobenzene	8.38	146	103910	41.178	ng	98
15) Benzyl Alcohol	8.27	79	85319	45.717	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105695	38.719	ng	97
17) 2-Methylphenol	8.48	107	84189	47.560	ng	96
18) Hexachloroethane	9.10	117	37086	39.773	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	70221	40.895	ng	94
20) 3+4-Methylphenols	8.81	107	110686	45.599	ng	92
22) Acetophenone	8.85	105	140796	39.388	ng	# 98
24) Nitrobenzene	9.22	77	103034	39.948	ng	97
25) Isophorone	9.74	82	196900	39.777	ng	97
26) 2-Nitrophenol	9.94	139	55716	44.745	ng	99
27) 2,4-Dimethylphenol	10.01	122	89347	50.063	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	110475	40.437	ng	97
29) 2,4-Dichlorophenol	10.49	162	105079	45.952	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	113466	39.370	ng	99
31) Naphthalene	10.88	128	299689	42.298	ng	99
32) Benzoic acid	10.17	122	48052	37.663	ng	92
33) 4-Chloroaniline	11.00	127	67177	23.130	ng	95
34) Hexachlorobutadiene	11.16	225	80661	37.860	ng	94
35) Caprolactam	11.76	113	34555m	43.877	ng	
36) 4-Chloro-3-methylphenol	12.12	107	112679	45.175	ng	95
37) 2-Methylnaphthalene	12.48	142	226364	41.639	ng	98
38) 1-Methylnaphthalene	12.70	142	212221	41.028	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	147579	36.991	ng	# 98

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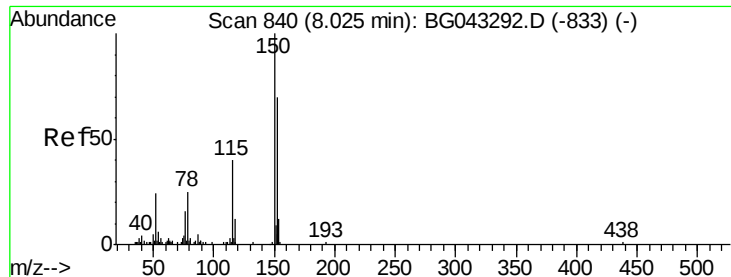
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	172914	82.506	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	95931	40.830	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	103338	43.505	nq	96
46) 1,1'-Biphenyl	13.48	154	310248	37.830	nq	100
47) 2-Chloronaphthalene	13.53	162	239965	38.456	nq	97
48) 2-Nitroaniline	13.73	65	70033	37.551	nq	93
49) Acenaphthylene	14.37	152	394631	40.635	nq	98
50) Dimethylphthalate	14.10	163	326518	39.104	nq	99
51) 2,6-Dinitrotoluene	14.22	165	74780	41.223	nq	95
52) Acenaphthene	14.71	154	228680	38.612	nq	95
53) 3-Nitroaniline	14.56	138	50460	28.811	nq	94
54) 2,4-Dinitrophenol	14.77	184	83657	74.411	nq	95
55) Dibenzofuran	15.05	168	388001	40.399	nq	99
56) 4-Nitrophenol	14.89	139	111906	95.346	nq	97
57) 2,4-Dinitrotoluene	15.01	165	105126	40.550	nq	95
58) Fluorene	15.70	166	323665	40.181	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	105540	41.820	nq	# 98
60) Diethylphthalate	15.46	149	326819	38.953	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	185521	39.479	nq	99
62) 4-Nitroaniline	15.73	138	69741	38.557	nq	99
63) Azobenzene	15.98	77	272249	40.094	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	63382	41.620	nq	96
66) n-Nitrosodiphenylamine	15.90	169	294735	40.342	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	130089	37.355	nq	96
68) Hexachlorobenzene	16.71	284	147930	37.006	nq	97
69) Atrazine	16.85	200	127342	50.162	nq	95
70) Pentachlorophenol	17.05	266	168007	92.235	nq	95
71) Phenanthrene	17.44	178	526358	39.722	nq	99
72) Anthracene	17.53	178	544228	41.049	nq	99
73) Carbazole	17.80	167	485616	40.447	nq	98
74) Di-n-butylphthalate	18.35	149	584289	40.109	nq	100
75) Fluoranthene	19.44	202	706884	40.919	nq	99
77) Benzidine	19.63	184	227229	38.884	nq	99
78) Pyrene	19.81	202	716869	39.885	nq	99
80) Butylbenzylphthalate	20.69	149	268364	39.410	nq	95
81) Benzo(a)anthracene	21.64	228	743816	40.895	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	240652	34.208	nq	97
83) Chrysene	21.71	228	715547	39.595	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	393088	40.638	nq	98
85) Di-n-octyl phthalate	22.74	149	672723	40.992	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	943668	41.599	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	772010	43.635	nq	99
89) Benzo(k)fluoranthene	23.91	252	799735	44.901	nq	98
90) Benzo(a)pyrene	24.71	252	724526	42.884	nq	98
91) Dibenzo(a,h)anthracene	28.55	278	794085	45.951	nq	97
92) Benzo(g,h,i)perylene	29.64	276	793684	46.561	nq	97

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



#1

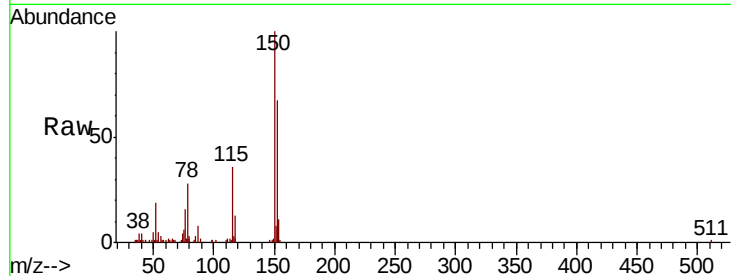
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	113.6	170.4
115	53.3	45.9	68.9

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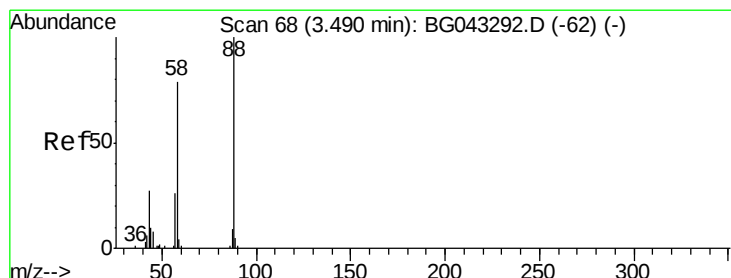
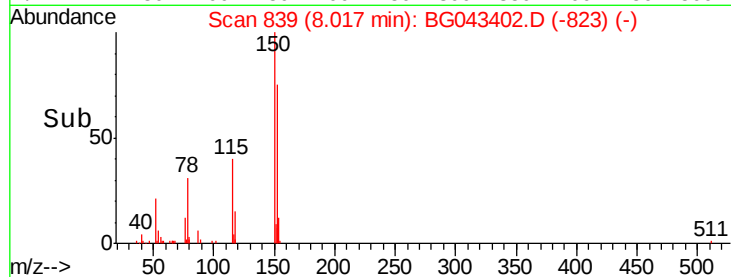
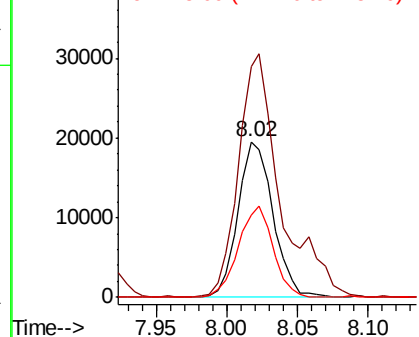


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

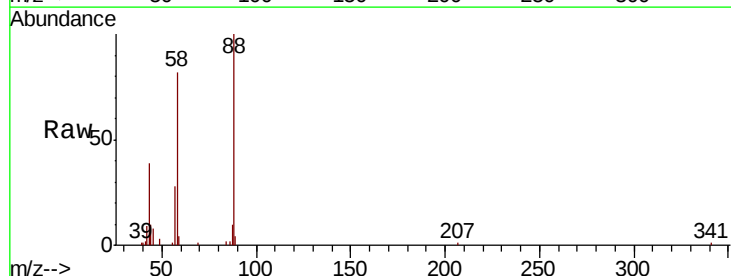
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.206 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	60.2	90.2
43	35.8	22.7	34.1

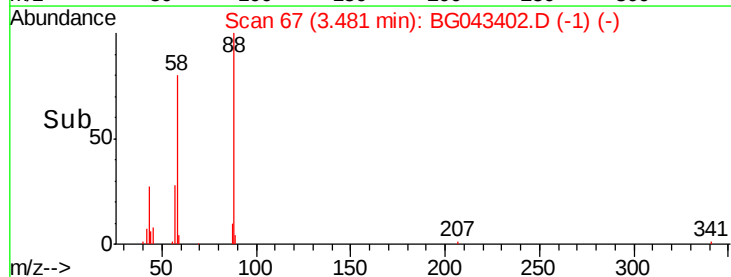
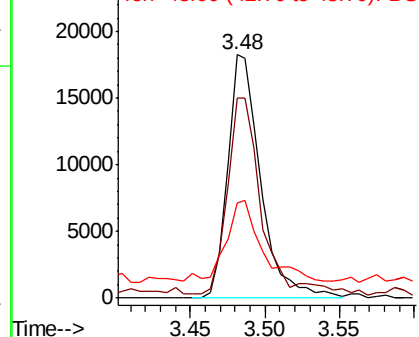


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.171 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

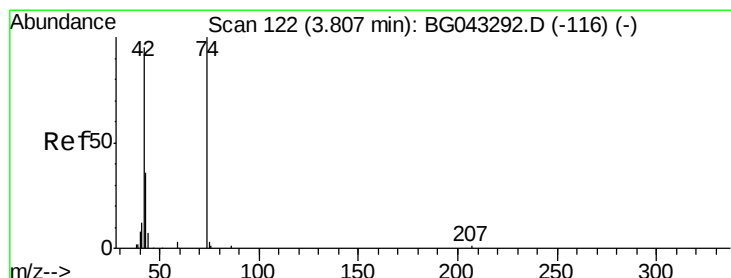
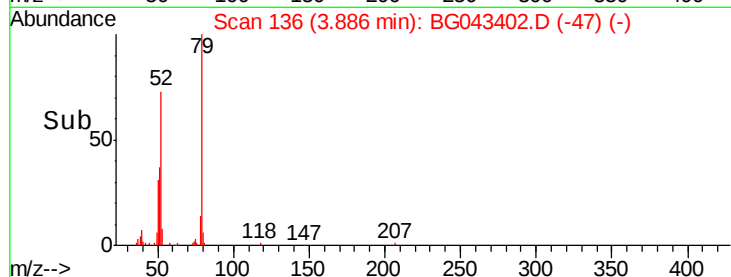
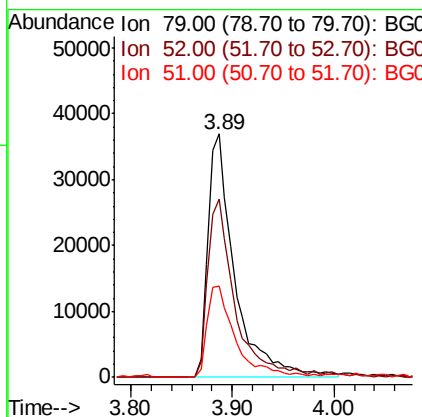
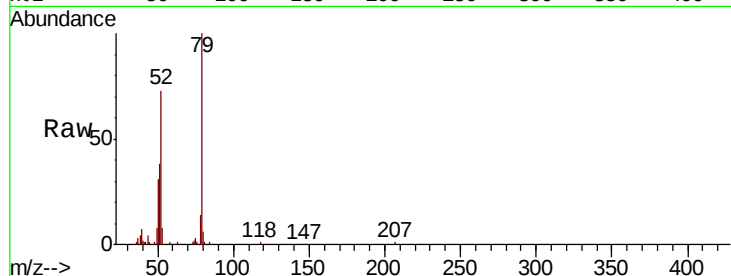
ClientSampleId :

PB124406BS

Tot Ion:	79	Resp:	67487
Ion	Ratio	Lower	Upper
79	100		
52	73.2	59.7	89.5
51	37.5	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 43.526 ng

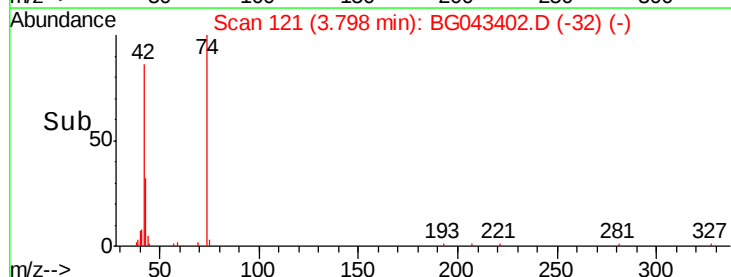
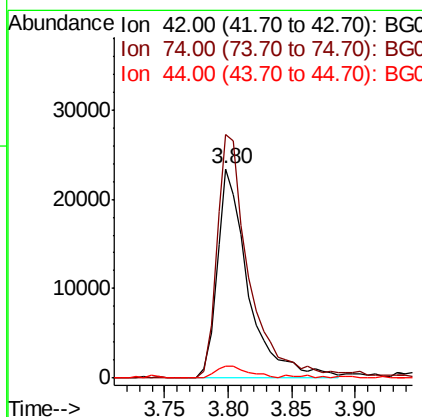
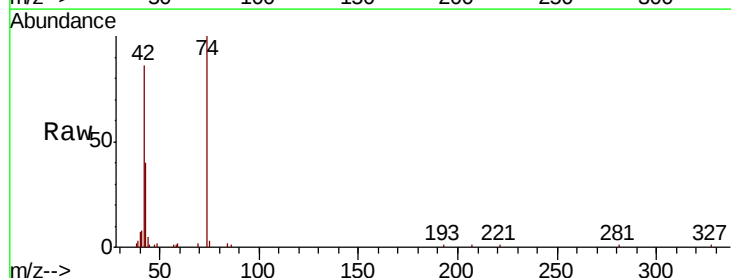
RT: 3.80 min Scan# 121

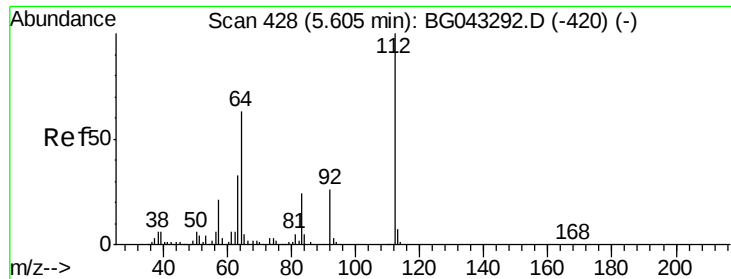
Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	42	Resp:	39876
Ion	Ratio	Lower	Upper
42	100		
74	116.2	84.2	126.2
44	5.6	6.0	9.0#





#5

2-Fluorophenol

Concen: 133.387 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

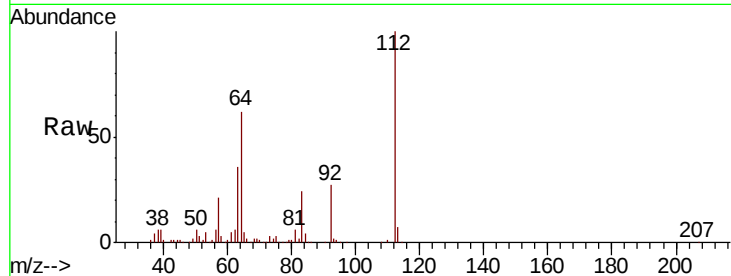
ClientSampleId :

PB124406BS

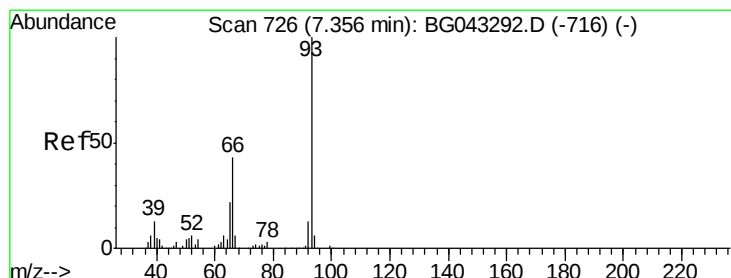
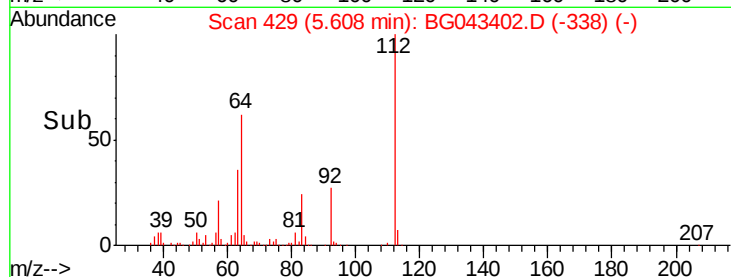
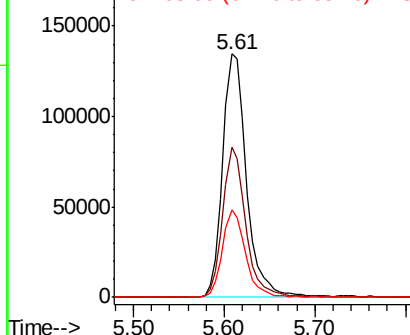
Tot Ion:	112	Resp:	246356
Ion Ratio	Lower	Upper	
112	100		
64	61.5	50.2	75.2
63	36.1	26.7	40.1

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



#6

Aniline

Concen: 35.129 ng

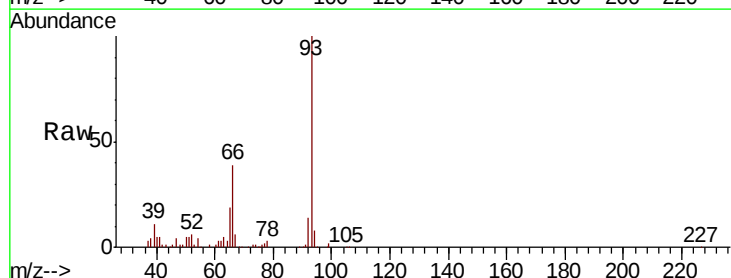
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

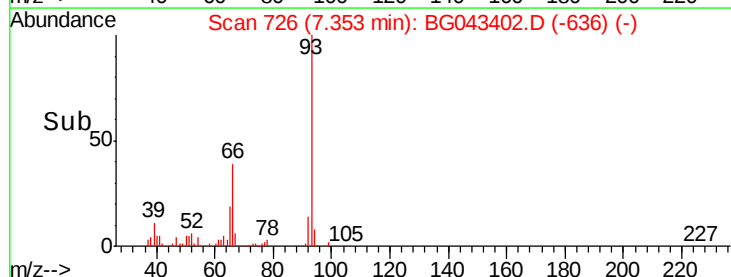
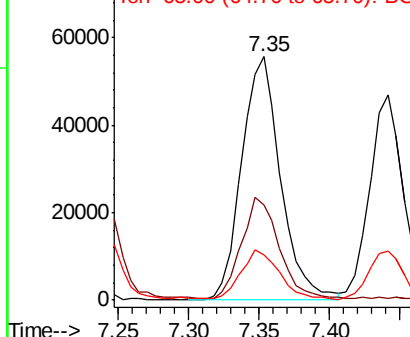
Lab File: BG043402.D

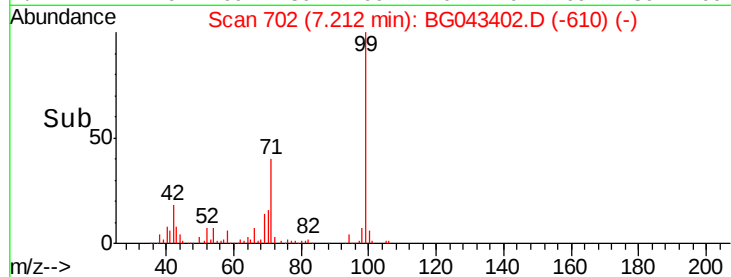
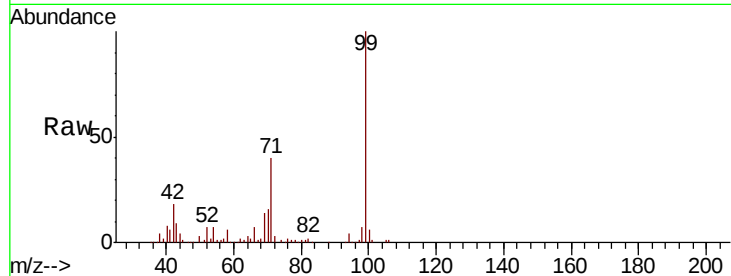
Acq: 30 Oct 2019 16:02

Tgt Ion:	93	Resp:	107534
Ion Ratio	Lower	Upper	
93	100		
66	39.2	34.5	51.7
65	18.7	18.0	27.0



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





#7

Phenol-d6

Concen: 122.617 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tot Ion:	99	Resp:	325829
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.9	22.3
71	39.9	32.2	48.2

Instrument :

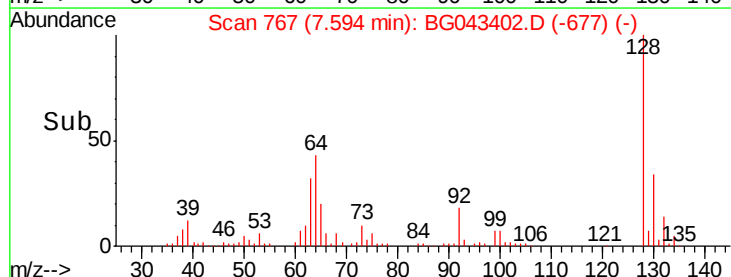
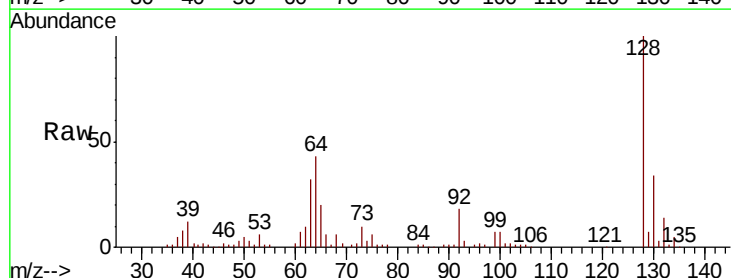
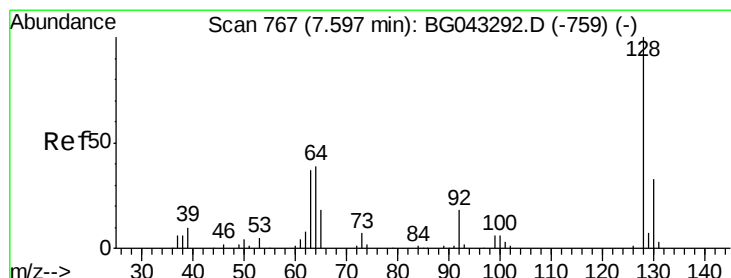
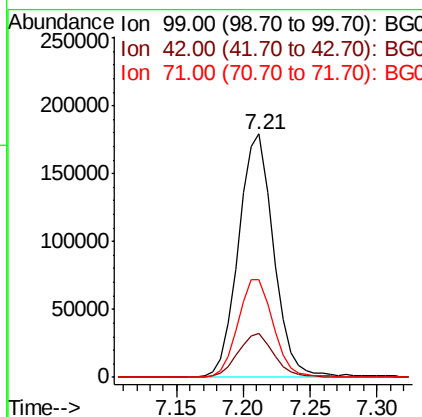
BNA_G

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#8

2-Chlorophenol

Concen: 48.772 ng

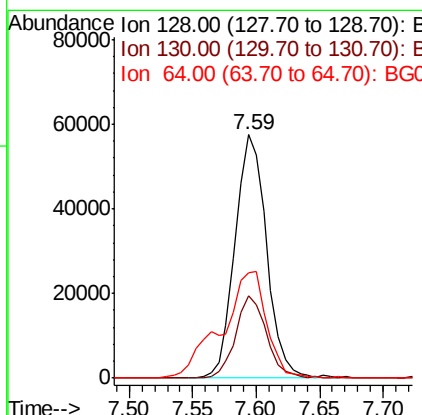
RT: 7.59 min Scan# 767

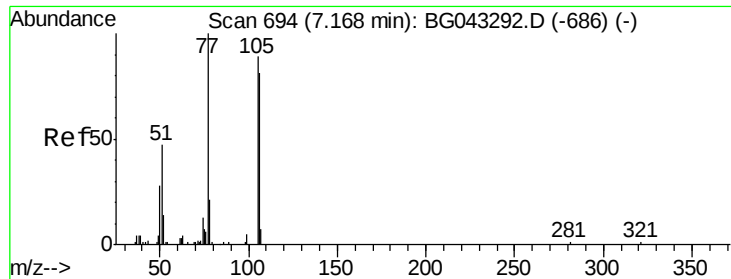
Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	128	Resp:	99436
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.9	52.9
64	43.0	24.9	64.9





#9

Benzaldehyde

Concen: 42.106 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

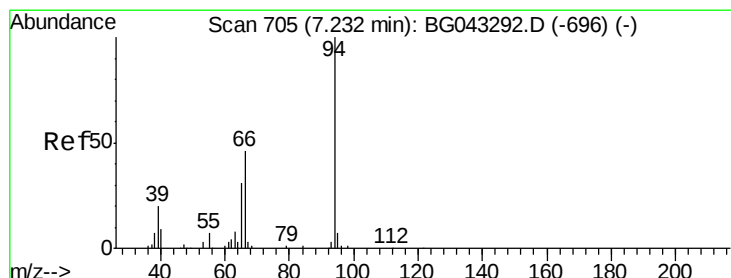
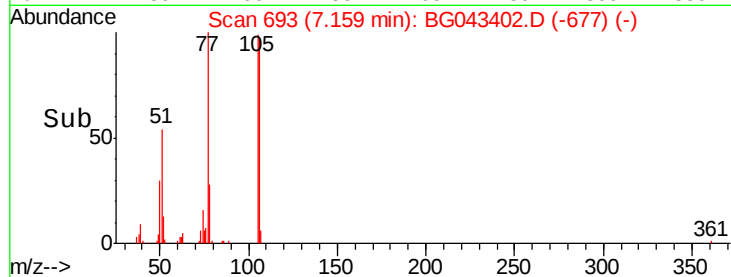
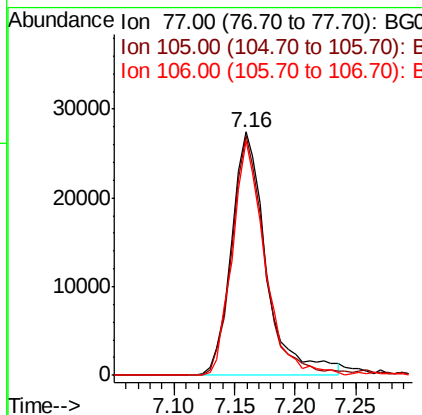
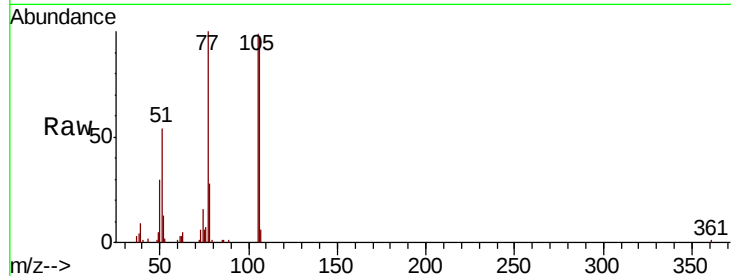
ClientSampleId :

PB124406BS

Tot Ion:	77	Resp:	54987
Ion	Ratio	Lower	Upper
77	100		
105	98.6	68.7	108.7
106	96.6	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 48.587 ng

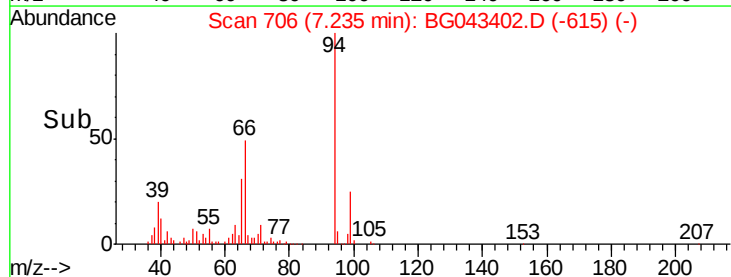
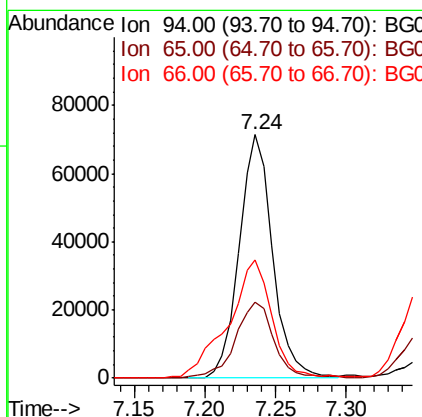
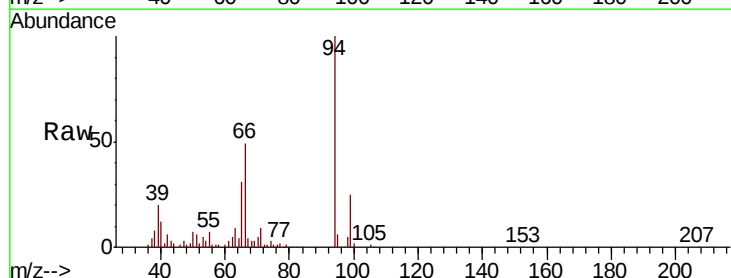
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	94	Resp:	117981
Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.1	51.1
66	48.5	27.8	67.8





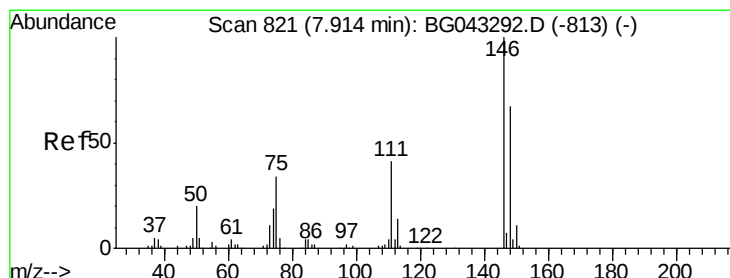
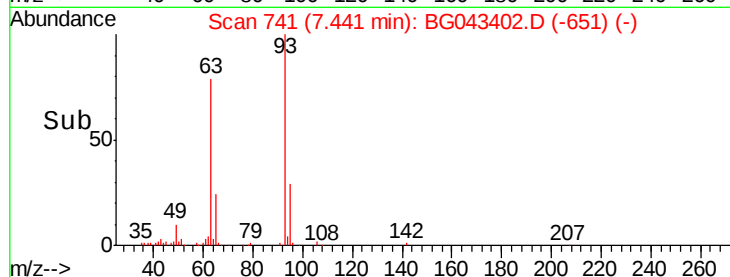
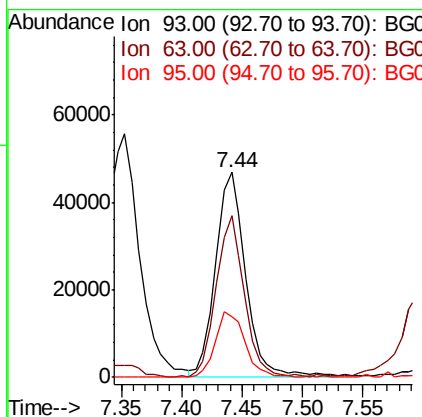
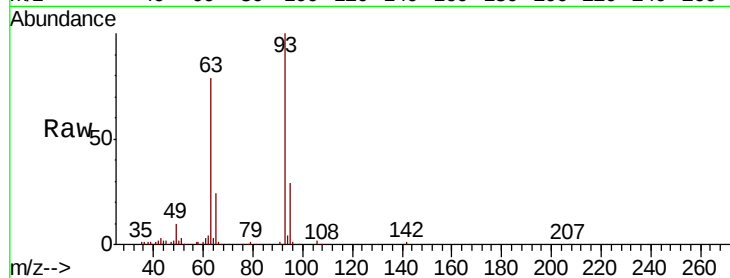
#11
bis(2-Chloroethyl)ether
Concen: 43.292 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion:	93	Resp:	81275
Ion	Ratio	Lower	Upper
93	100		
63	79.0	54.6	94.6
95	29.3	9.7	49.7

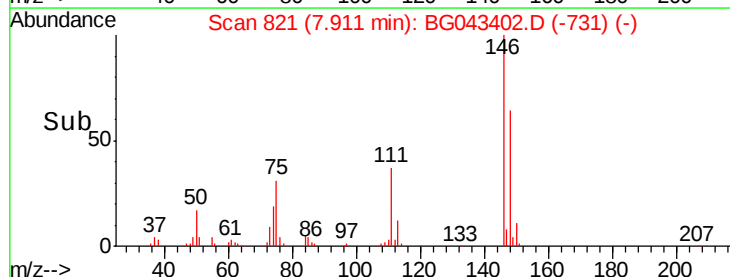
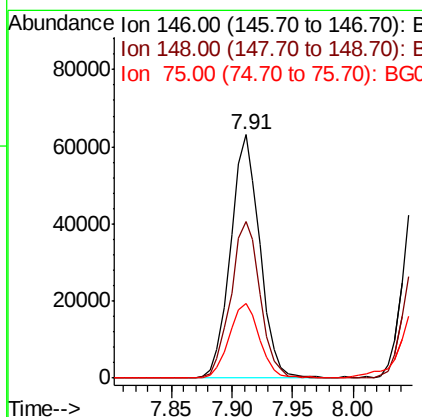
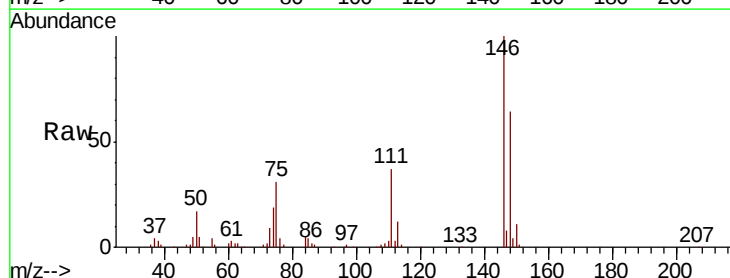
Manual Integrations
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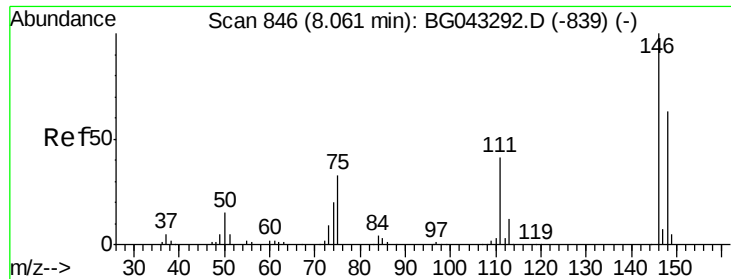
mohammad
10/31/2019 2:51:52 PM



#12
1,3-Dichlorobenzene
Concen: 41.610 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:	146	Resp:	106291
Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.4	80.2
75	30.5	27.0	40.4





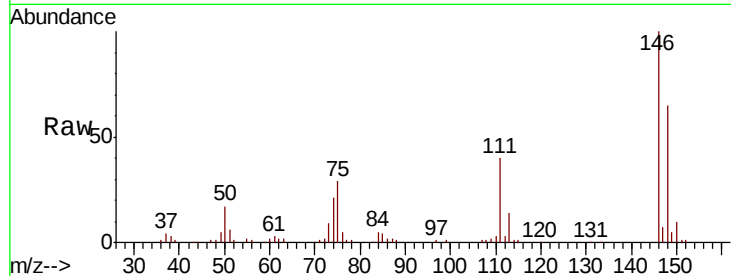
#13
 1,4-Dichlorobenzene
 Concen: 41.664 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	40.2	33.0	49.6

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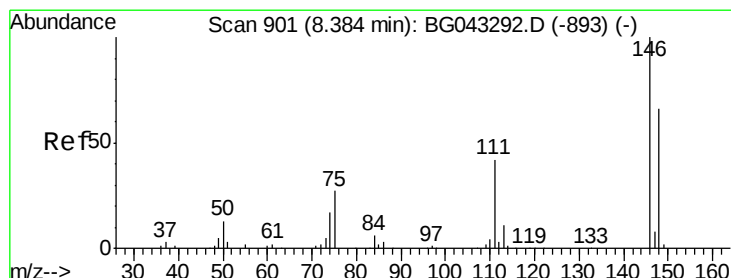
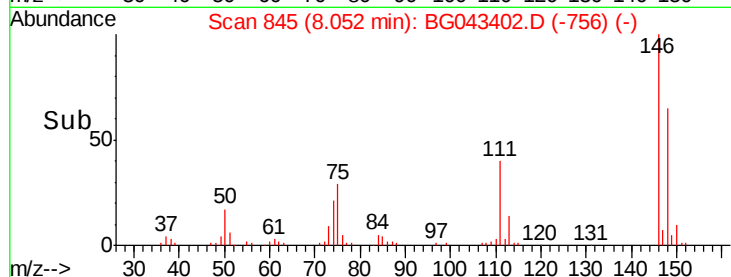
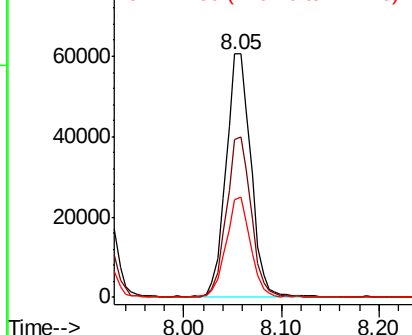


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.178 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

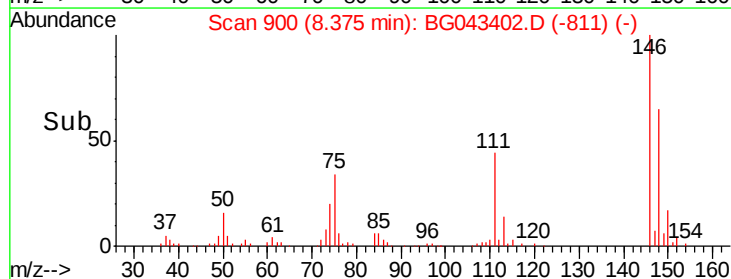
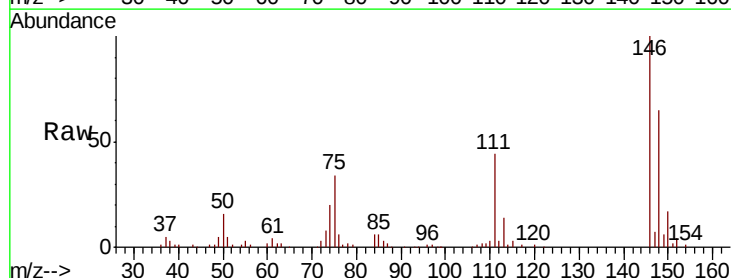
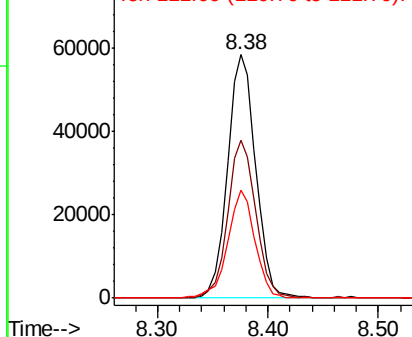
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.0	79.4
111	44.2	34.5	51.7

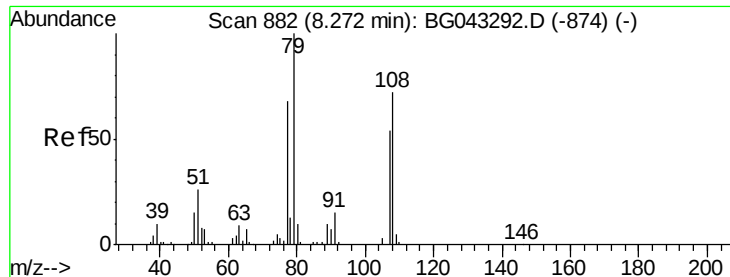
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.717 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

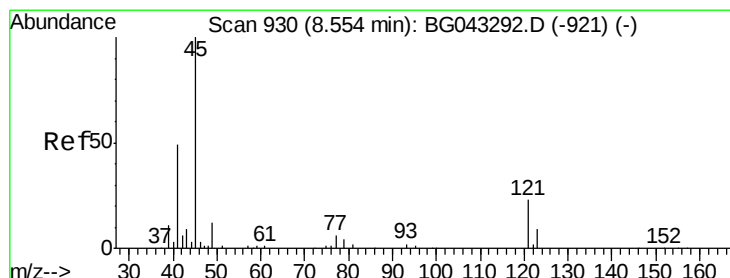
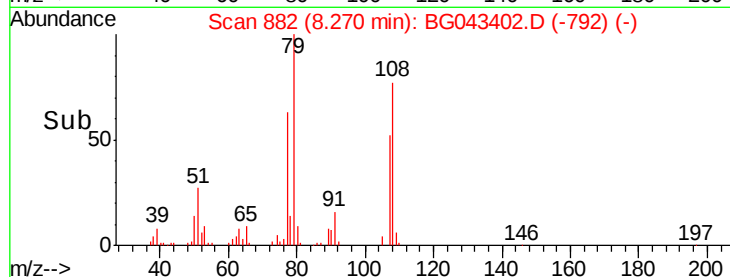
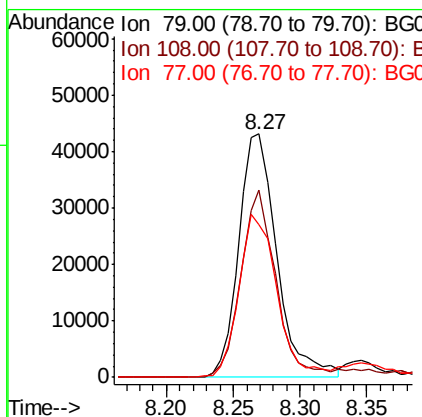
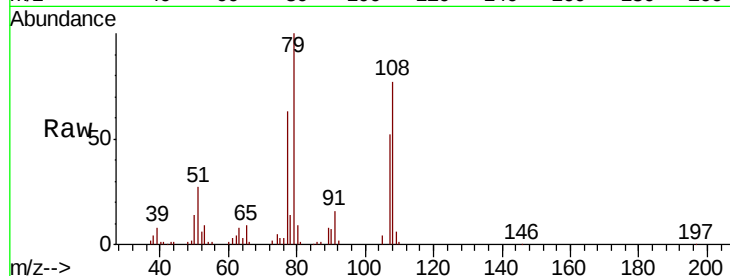
ClientSampleId :

PB124406BS

Tot Ion:	79	Resp:	85319
Ion	Ratio	Lower	Upper
79	100		
108	76.7	57.3	85.9
77	62.9	54.6	81.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.719 ng

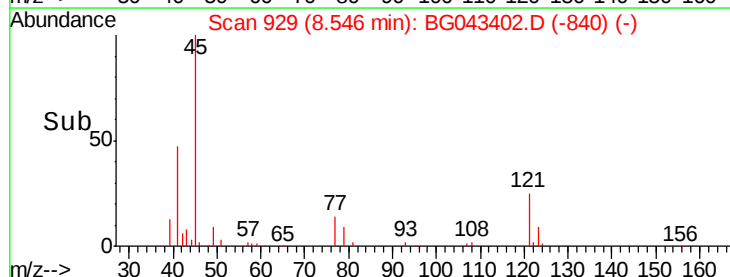
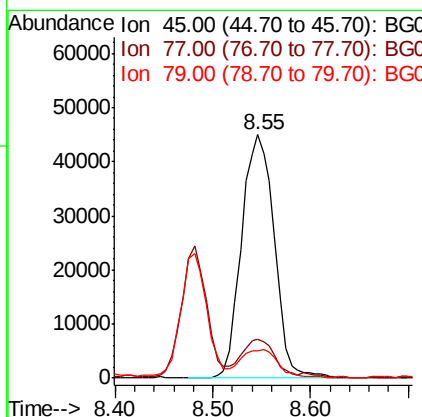
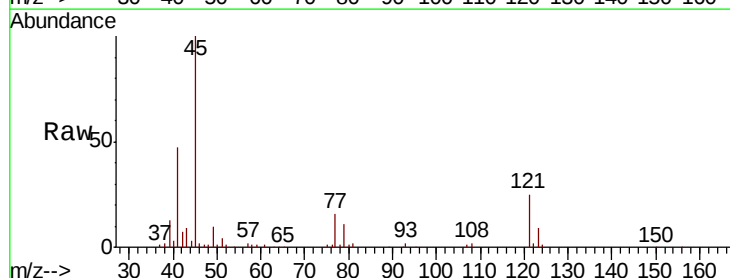
RT: 8.55 min Scan# 929

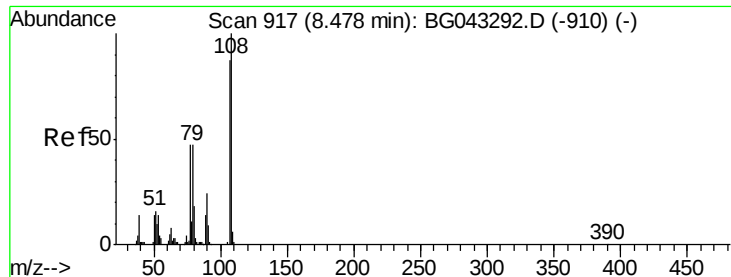
Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	45	Resp:	105695
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	34.2
79	11.3	0.0	32.3





#17

2-Methylphenol

Concen: 47.560 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

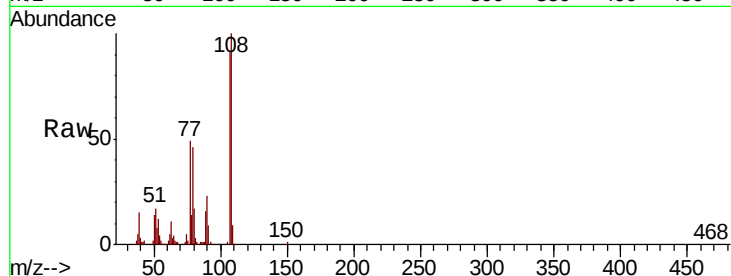
ClientSampleId :

PB124406BS

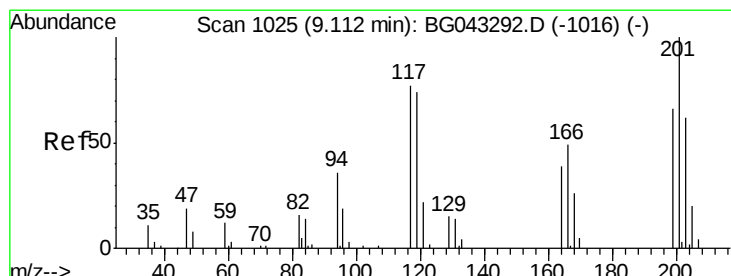
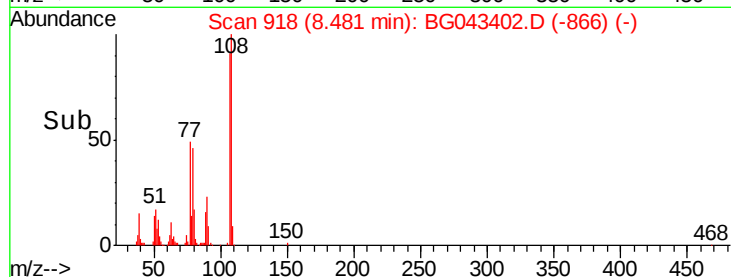
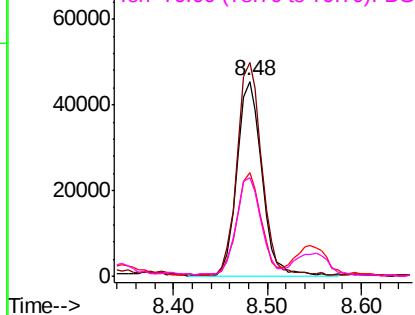
Tot Ion:	107	Resp:	84189
Ion Ratio	Lower	Upper	
107	100		
108	109.5	91.3	136.9
77	53.5	43.0	64.6
79	50.4	43.4	65.2

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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: 39.773 ng

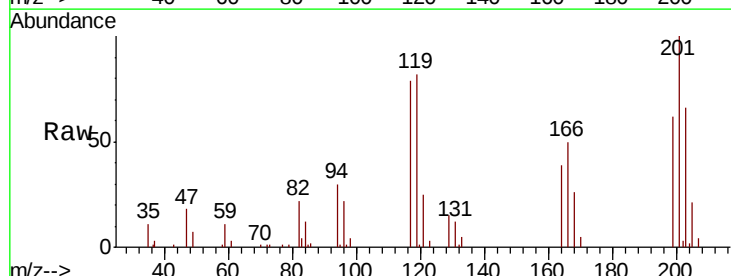
RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

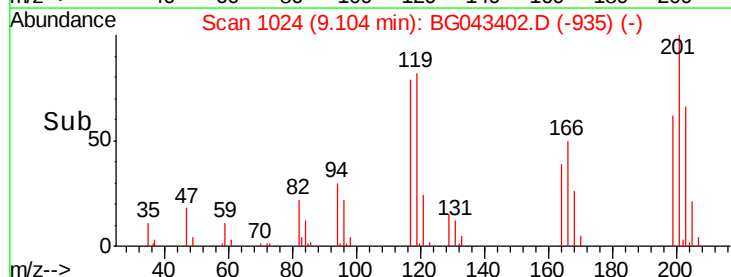
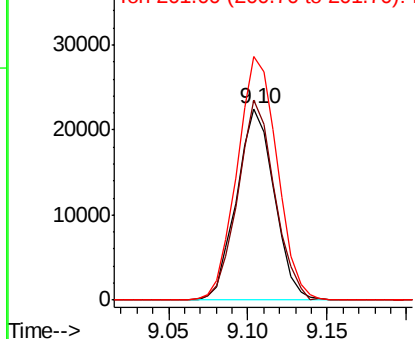
Lab File: BG043402.D

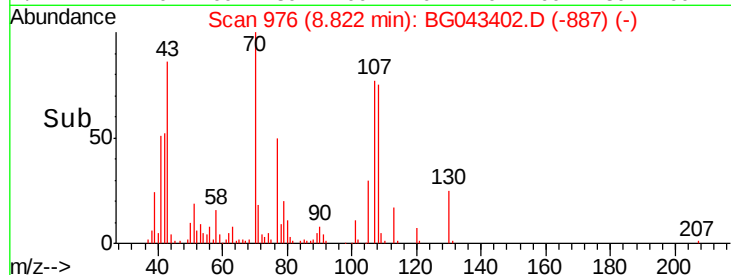
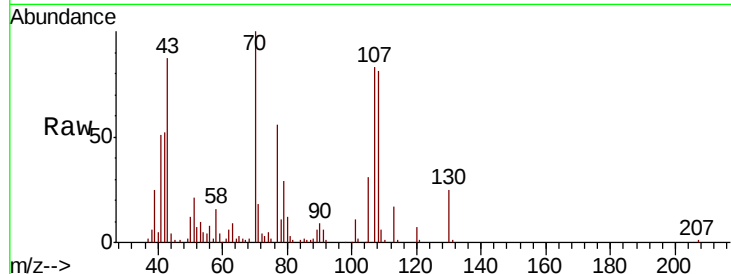
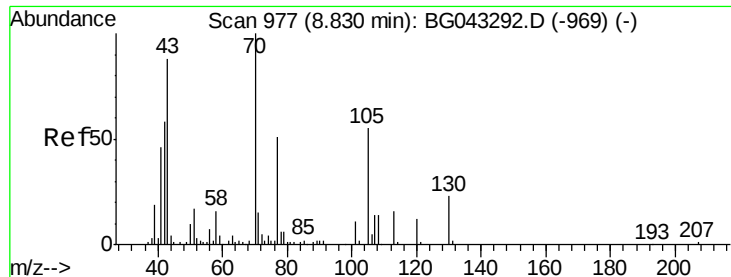
Acq: 30 Oct 2019 16:02

Tgt Ion:	117	Resp:	37086
Ion Ratio	Lower	Upper	
117	100		
119	105.3	77.3	115.9
201	127.2	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





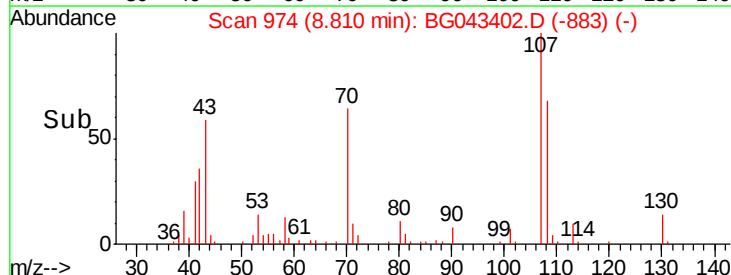
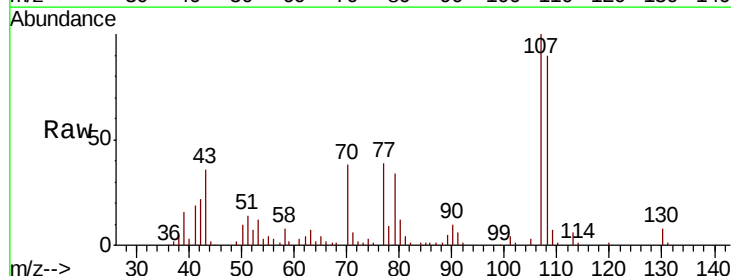
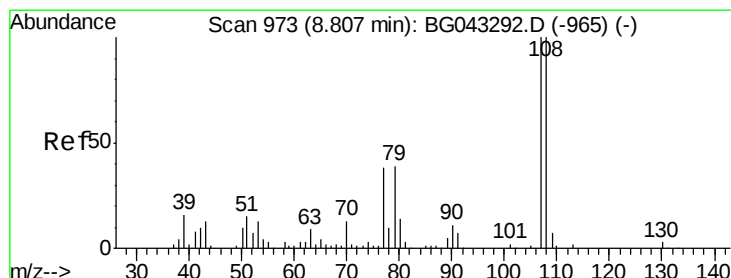
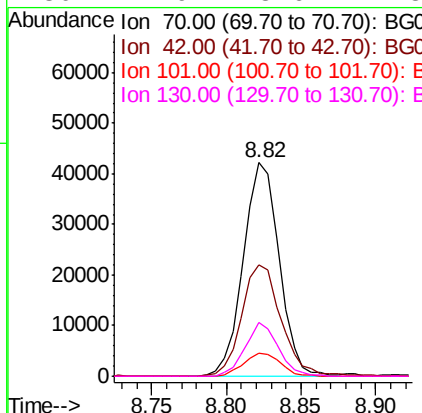
#19
n-Nitroso-di-n-propylamine
Concen: 40.895 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.2	46.2	69.2	
101	11.1	8.6	13.0	
130	24.9	18.6	27.8	

Instrument :
BNA_G
ClientSampleId :
PB124406BS

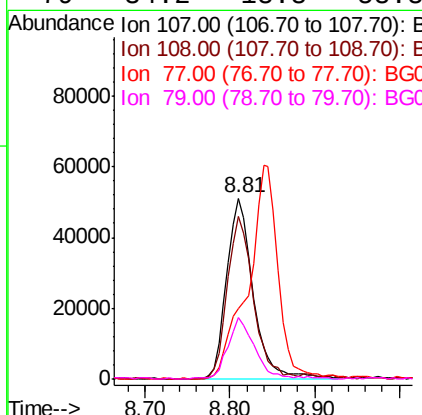
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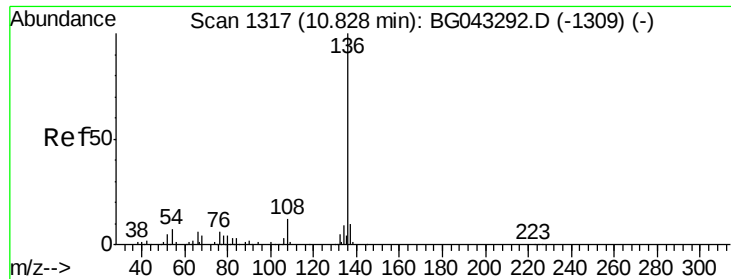
mohammad
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#20
3+4-Methylphenols
Concen: 45.599 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	80.3	120.3	
77	38.9	18.2	58.2	
79	34.2	18.8	58.8	





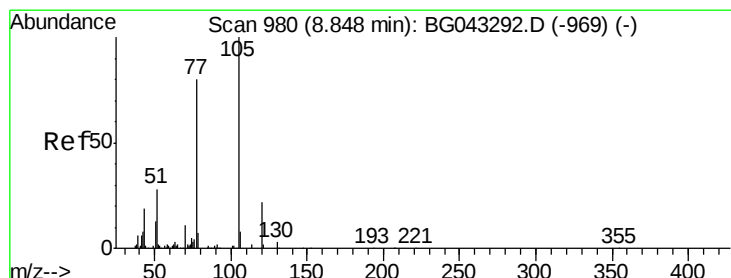
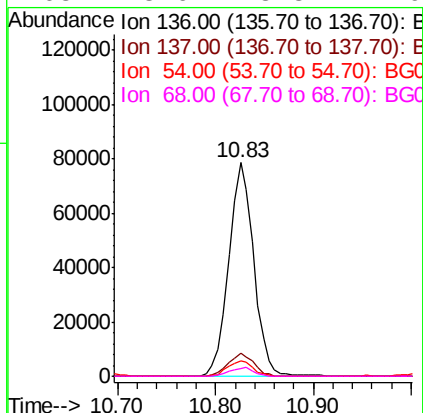
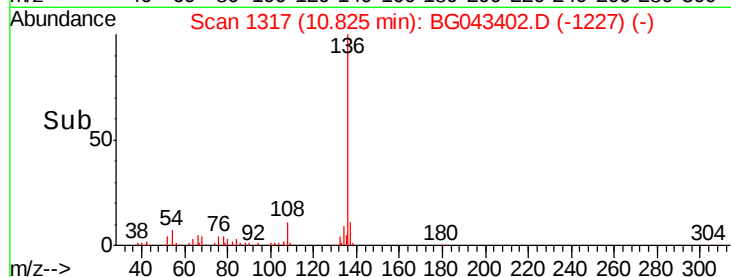
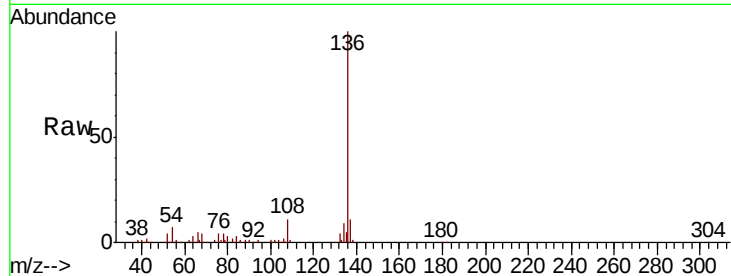
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		139584		
137	10.5		8.2	12.2	
54	7.2		5.4	8.2	
68	3.6		3.3	4.9	

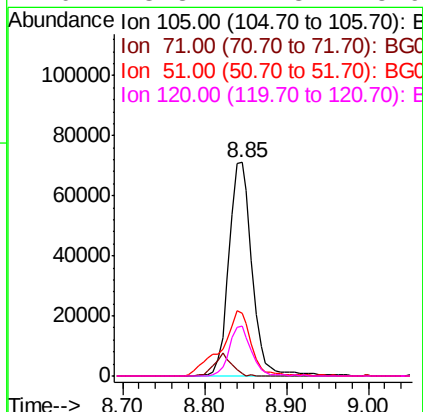
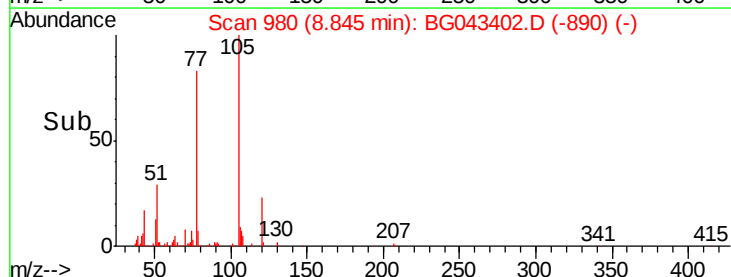
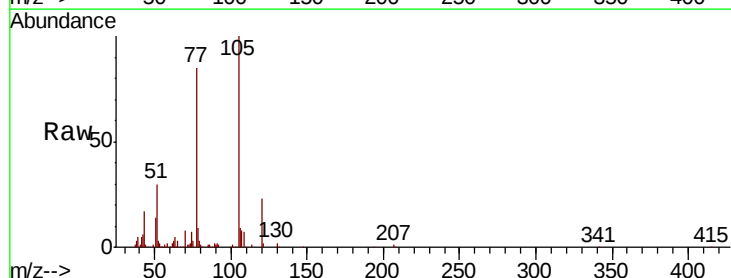
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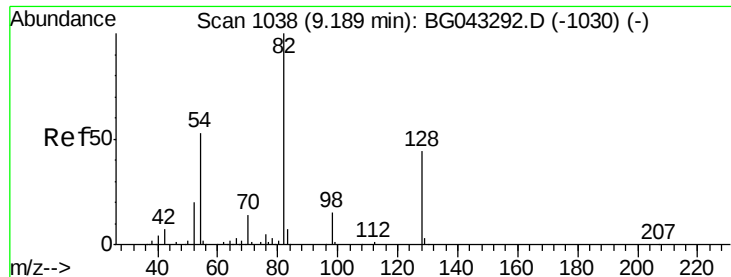
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#22
Acetophenone
Concen: 39.388 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		140796		
71	1.4		1.5	2.3#	
51	29.6		23.9	35.9	
120	23.3		17.3	25.9	





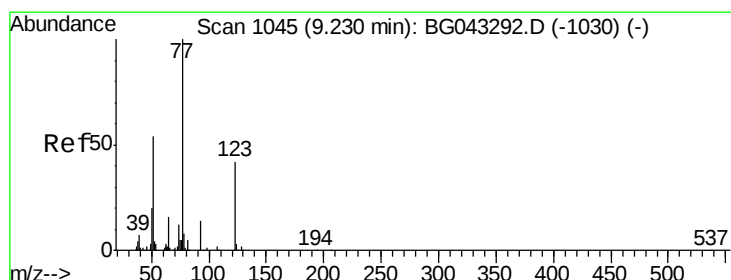
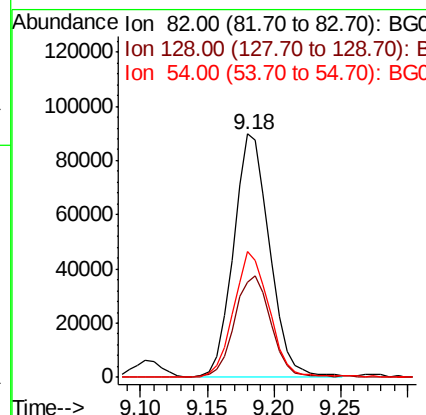
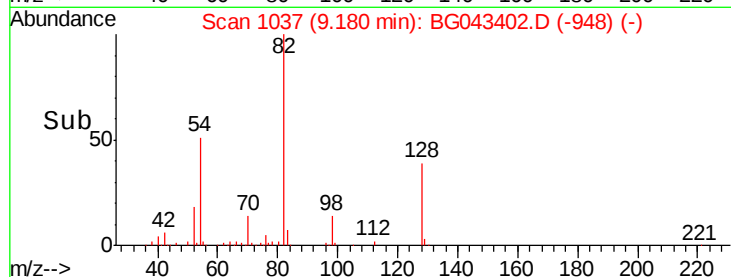
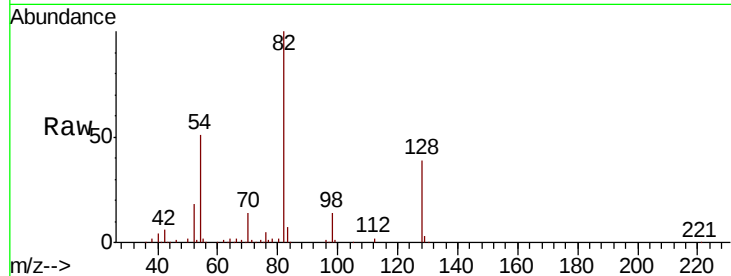
#23
 Nitrobenzene-d5
 Concen: 62.360 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.3	52.9
54	51.5	42.3	63.5

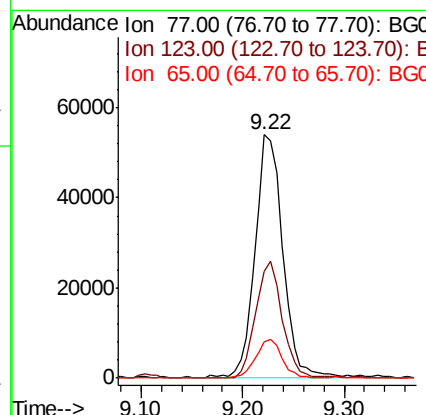
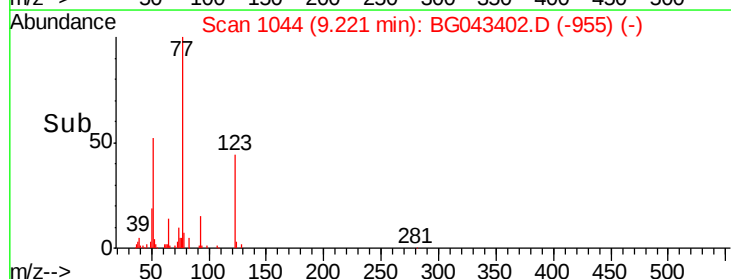
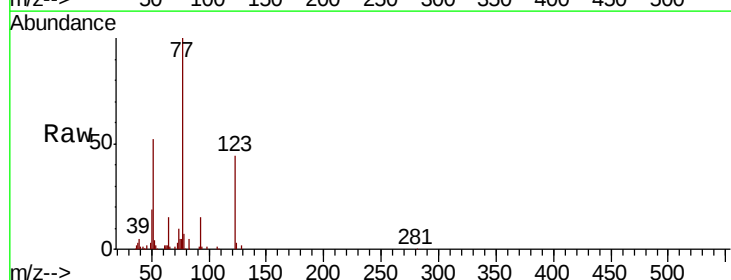
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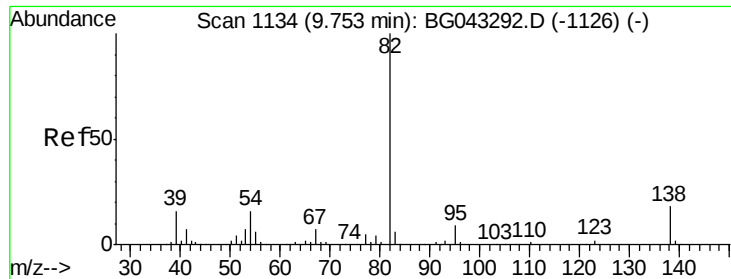
mohammad
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#24
 Nitrobenzene
 Concen: 39.948 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.8	50.8
65	14.8	13.0	19.4





#25

Isophorone

Concen: 39.777 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

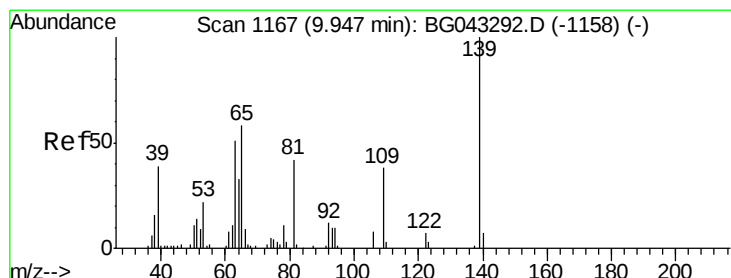
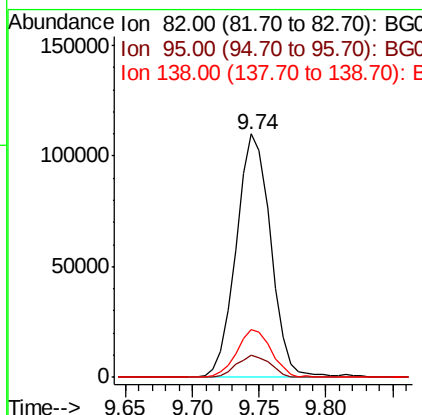
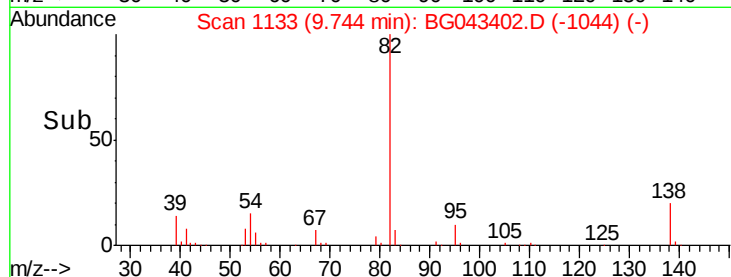
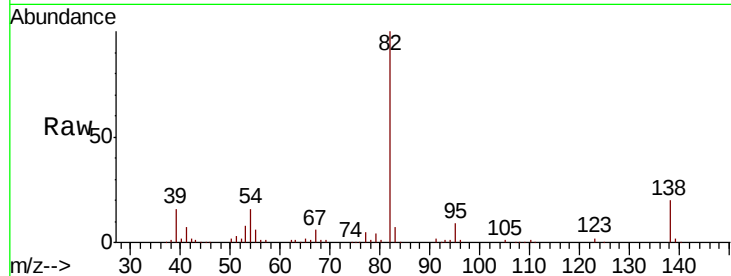
ClientSampleId :

PB124406BS

Tot Ion:	82	Resp:	196900
Ion Ratio	Lower	Upper	
82	100		
95	9.3	6.9	10.3
138	19.6	14.2	21.2

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#26

2-Nitrophenol

Concen: 44.745 ng

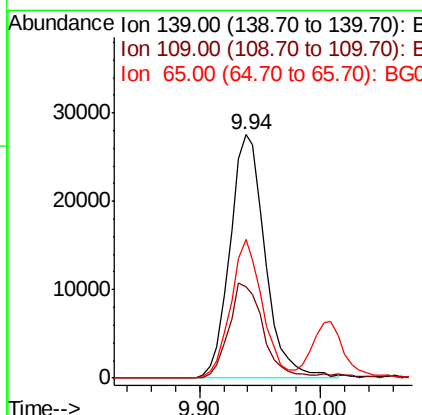
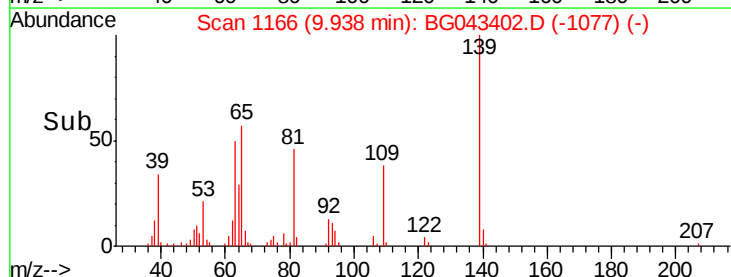
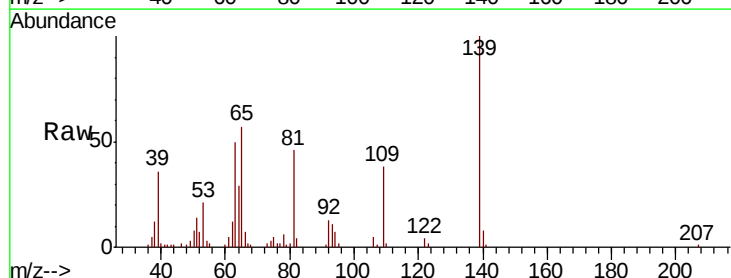
RT: 9.94 min Scan# 1166

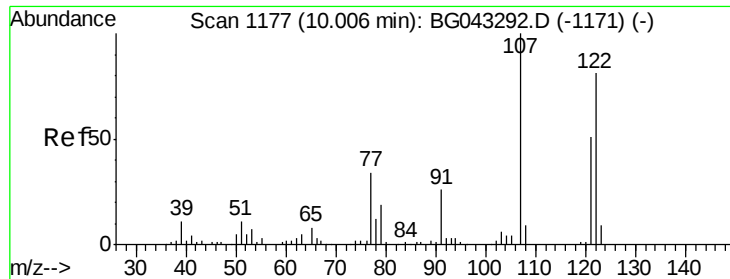
Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	139	Resp:	55716
Ion Ratio	Lower	Upper	
139	100		
109	37.6	30.1	45.1
65	56.7	46.1	69.1





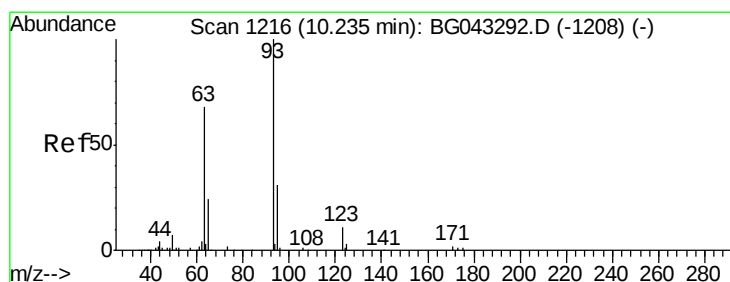
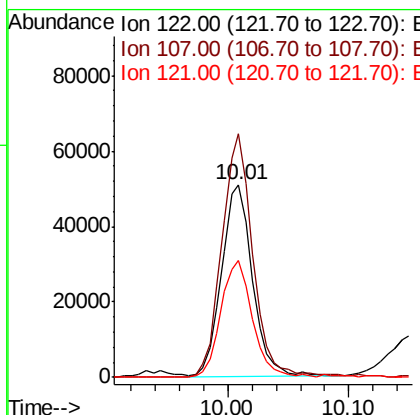
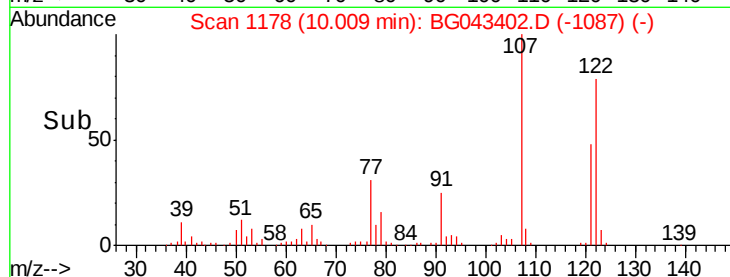
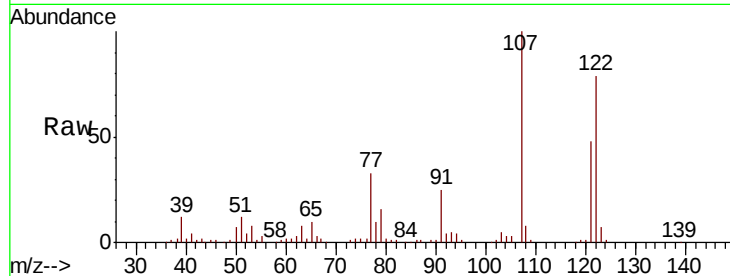
#27
2,4-Dimethylphenol
Concen: 50.063 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	126.3	98.6	147.8		
121	60.9	50.1	75.1		

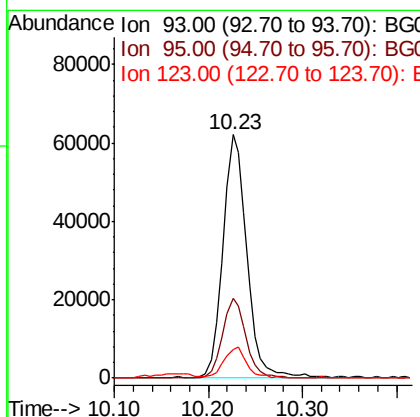
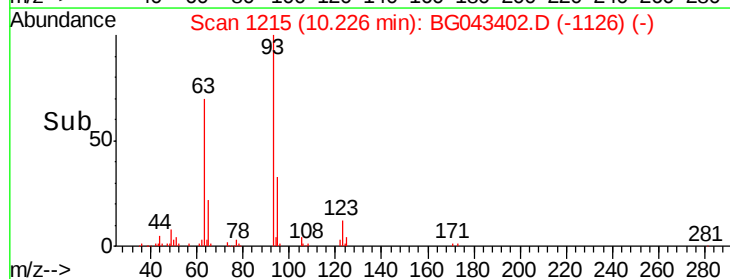
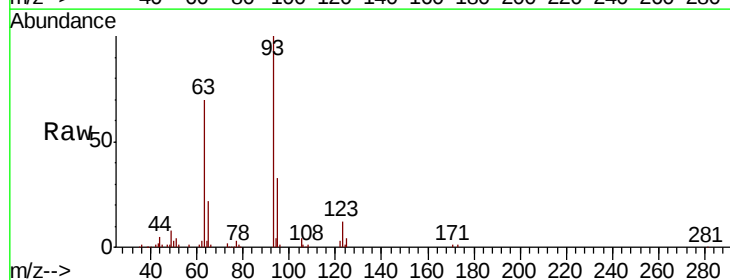
Manual Integrations
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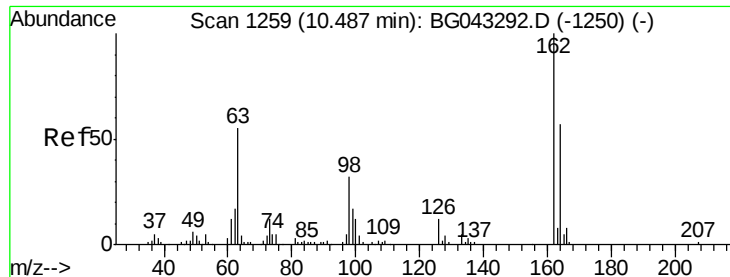
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.437 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.0	24.9	37.3		
123	12.0	8.9	13.3		





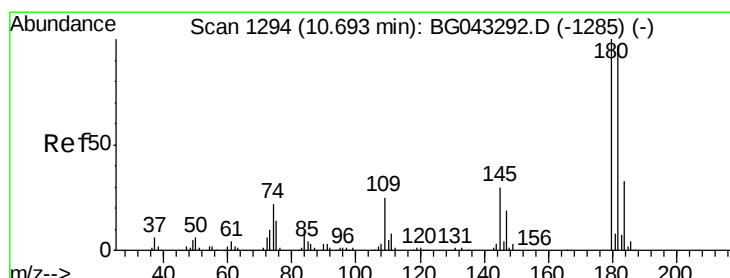
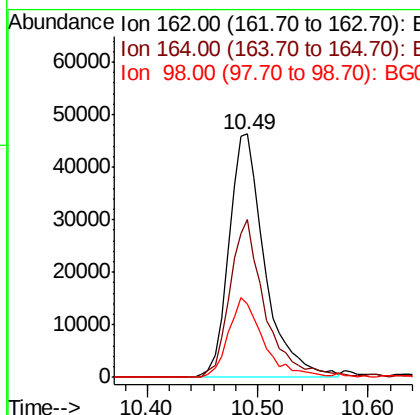
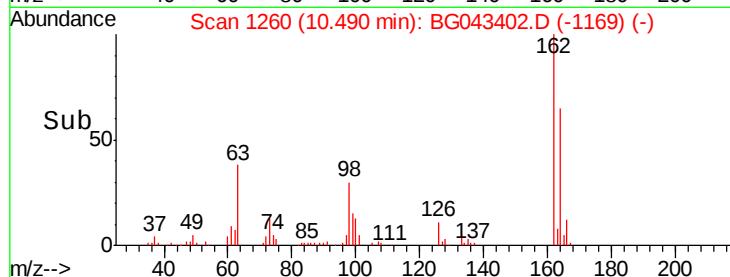
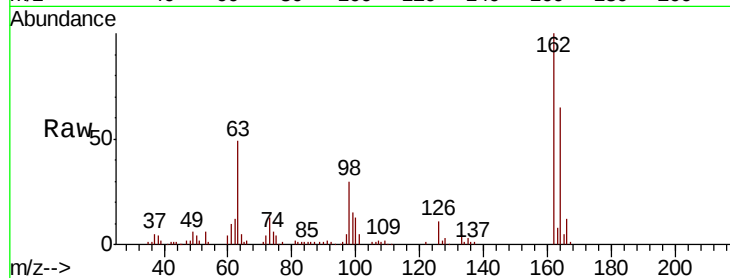
#29
 2,4-Dichlorophenol
 Concen: 45.952 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	37.3	77.3
98	30.1	11.8	51.8

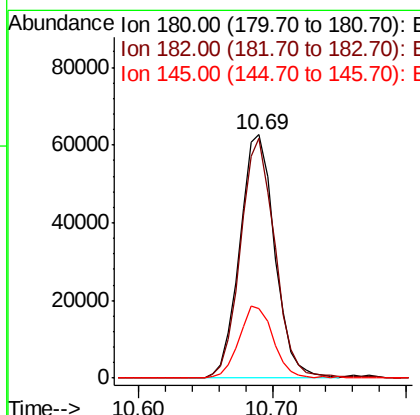
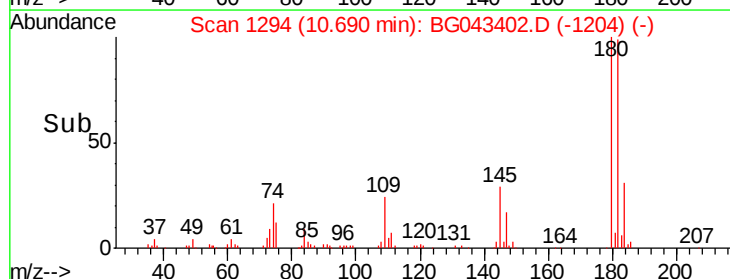
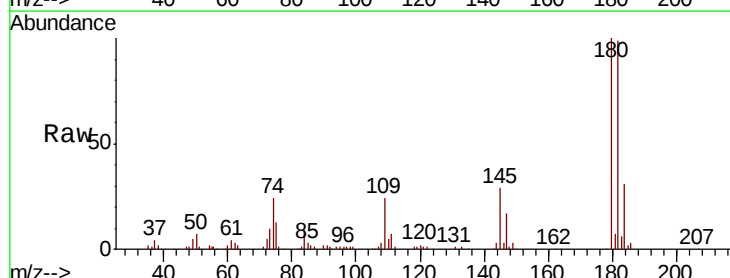
Manual Integrations
 APPROVED

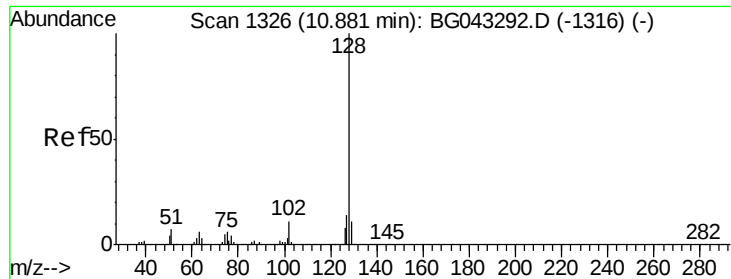
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.370 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.8	116.8
145	28.6	23.6	35.4





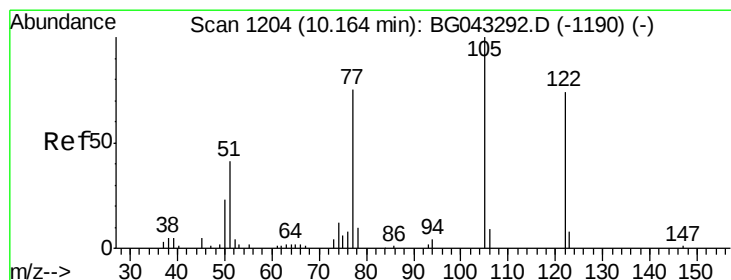
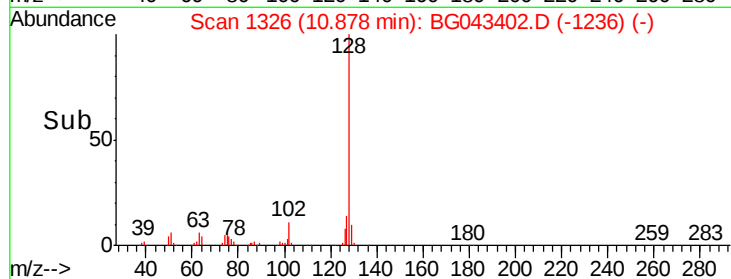
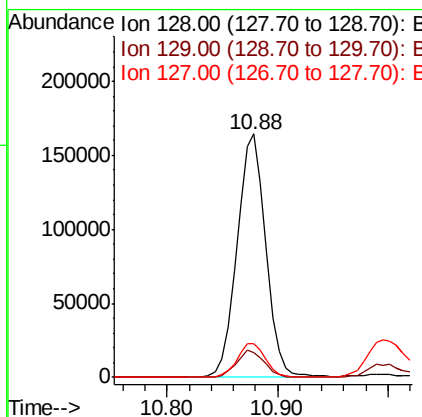
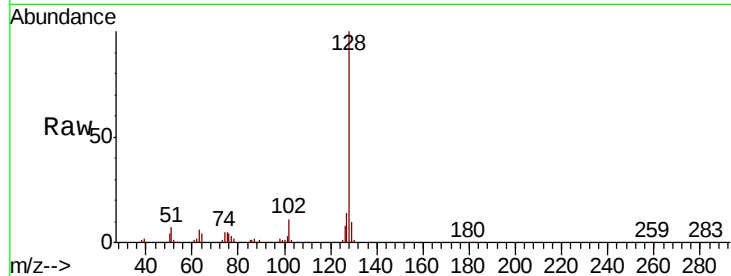
#31
Naphthalene
Concen: 42.298 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.7	11.5	17.3

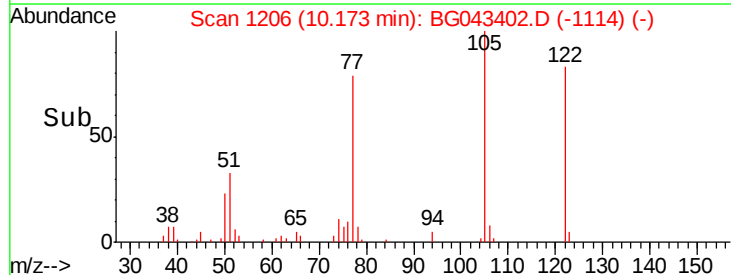
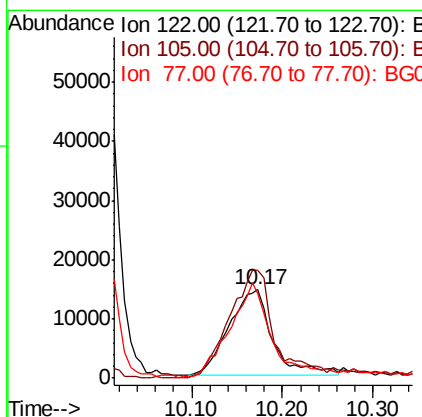
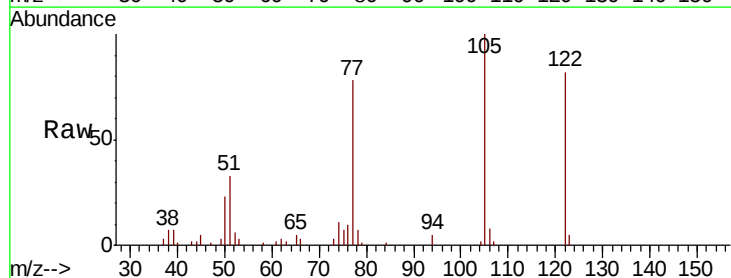
Manual Integrations
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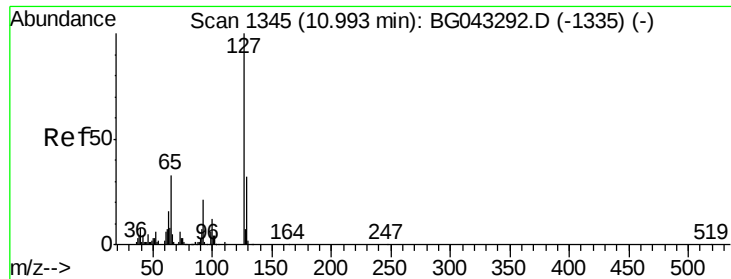
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#32
Benzoic acid
Concen: 37.663 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	112.4	152.4
77	95.5	82.7	122.7





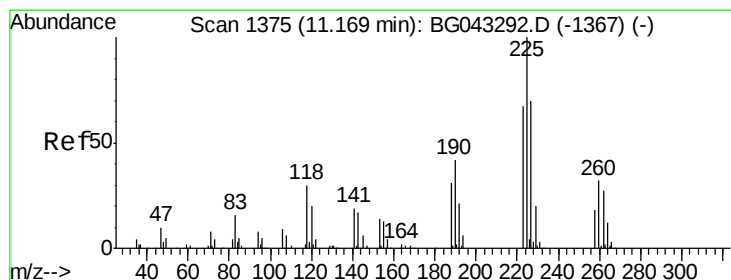
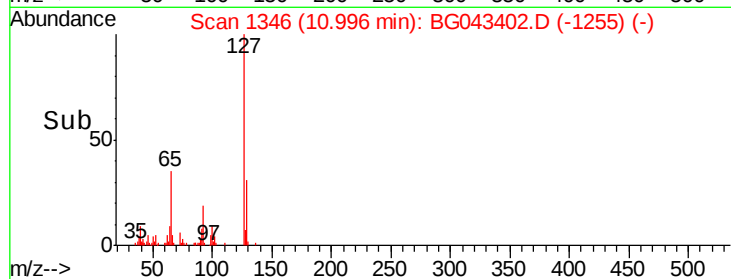
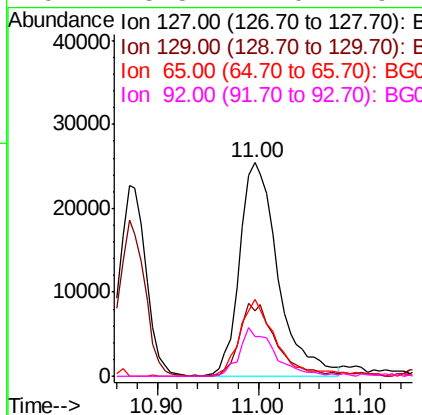
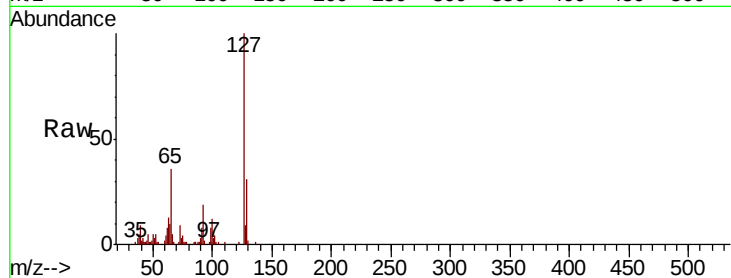
#33
4-Chloroaniline
Concen: 23.130 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	67177		
129	30.8	25.8	38.8	
65	36.1	26.2	39.2	
92	18.8	17.0	25.4	

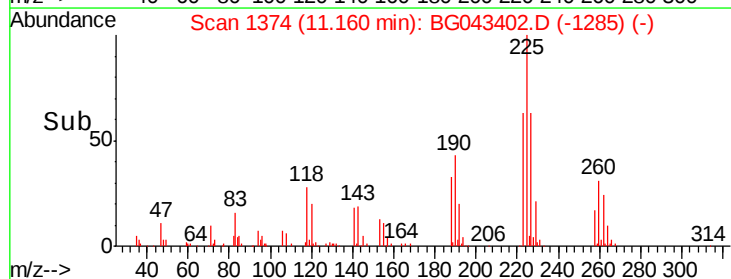
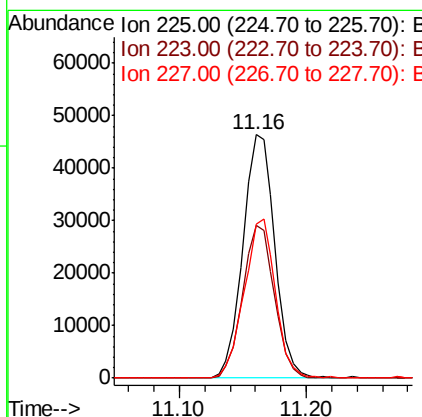
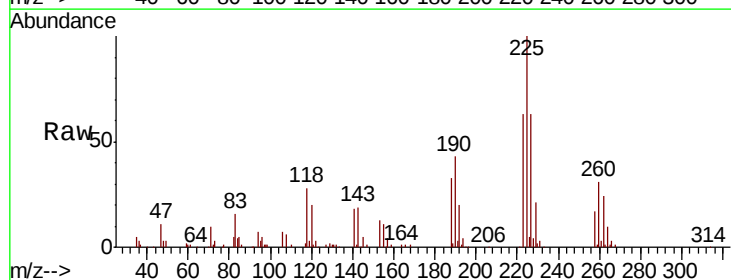
Manual Integrations
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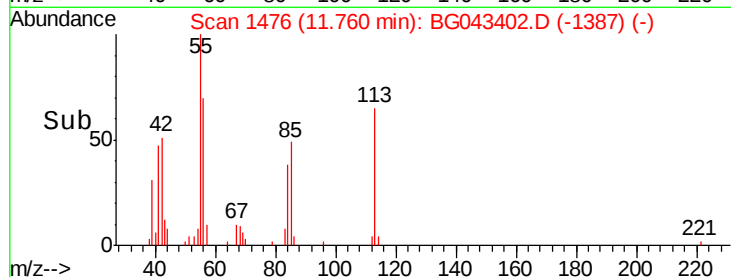
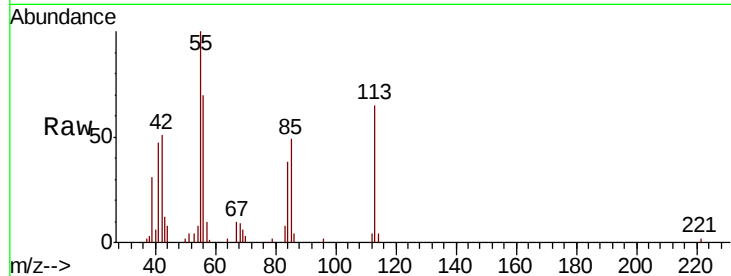
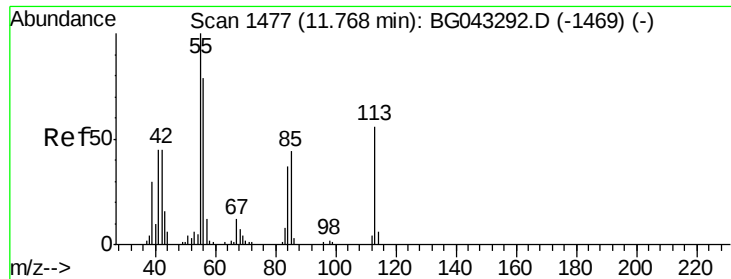
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#34
Hexachlorobutadiene
Concen: 37.860 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80661		
223	62.8	53.2	79.8	
227	63.4	56.2	84.2	





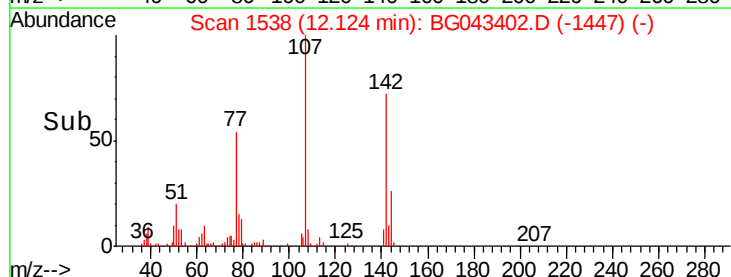
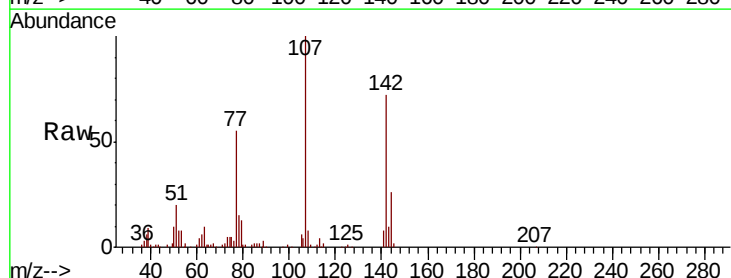
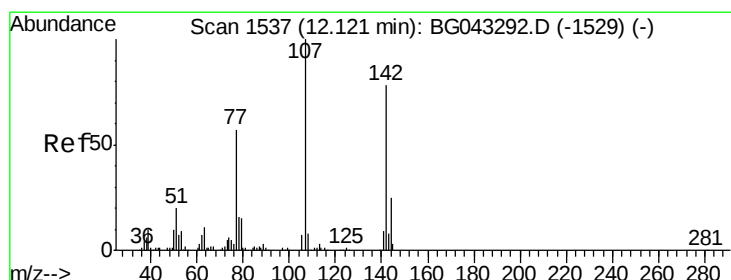
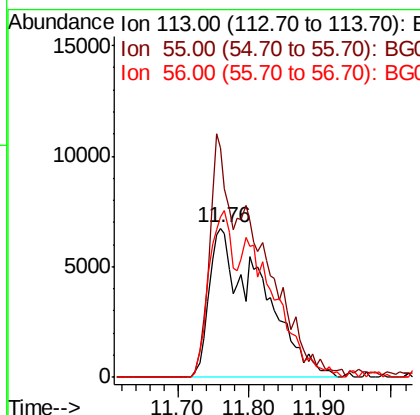
#35
Caprolactam
Concen: 43.877 ng/ml
RT: 11.76 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleID :
PB124406BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.3	158.9	198.9#
56	107.6	121.4	161.4#

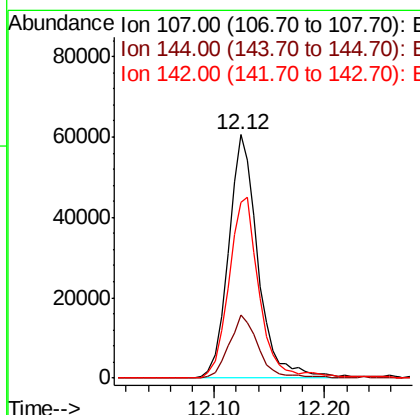
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#36
4-Chloro-3-methylphenol
Concen: 45.175 ng/ml
RT: 12.12 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.9	29.9
142	72.4	62.1	93.1





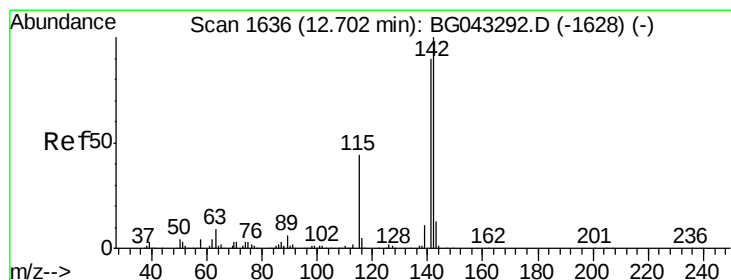
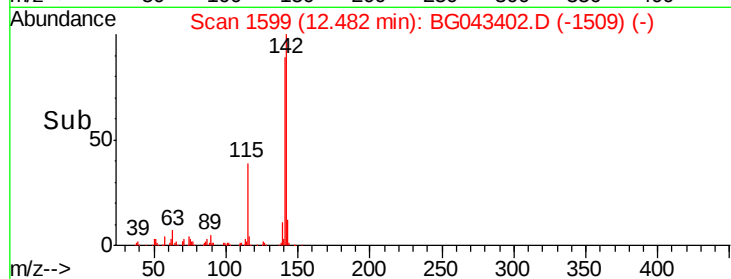
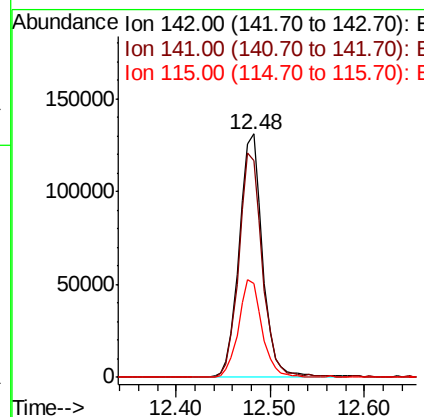
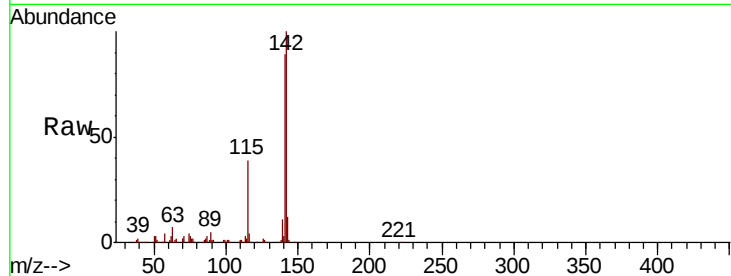
#37
2-Methylnaphthalene
Concen: 41.639 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.7	104.5
115	38.8	30.6	46.0

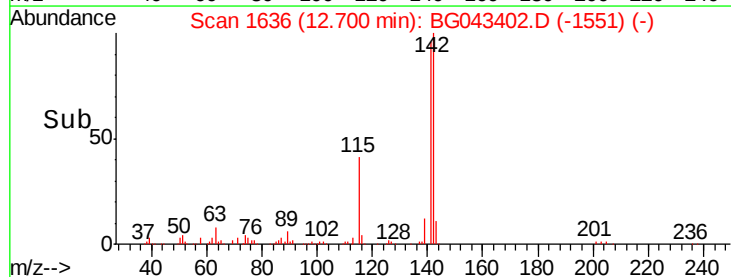
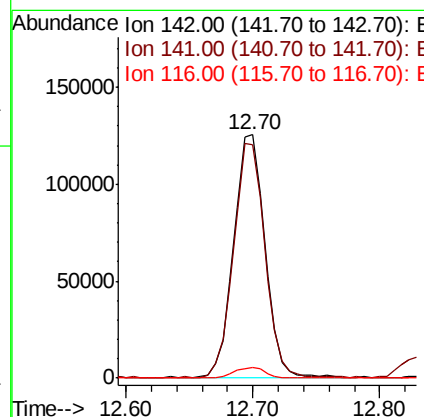
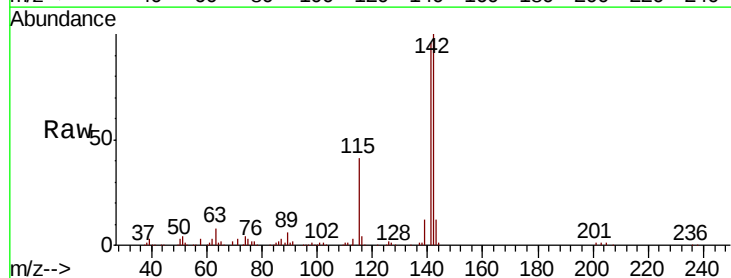
Manual Integrations
APPROVED

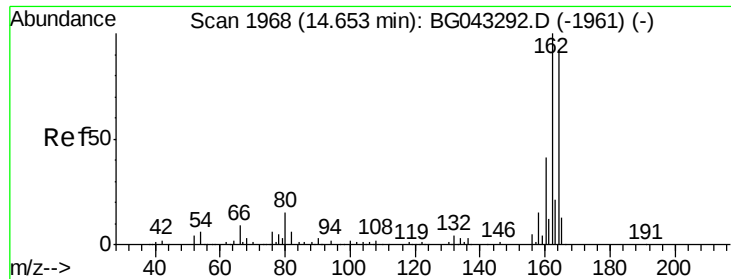
mohammad
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#38
1-Methylnaphthalene
Concen: 41.028 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	72.3	108.5
116	4.3	3.8	5.6





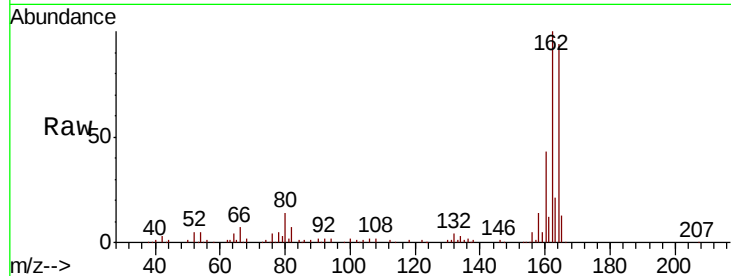
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	87.0	130.4
160	45.9	35.5	53.3

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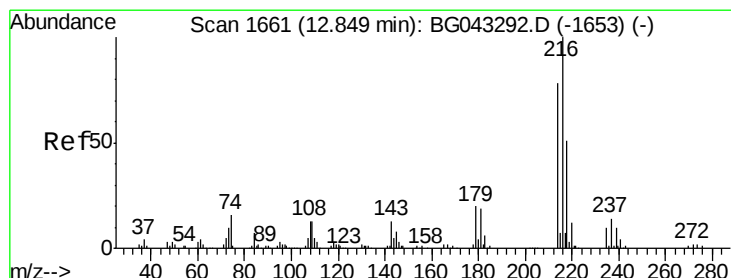
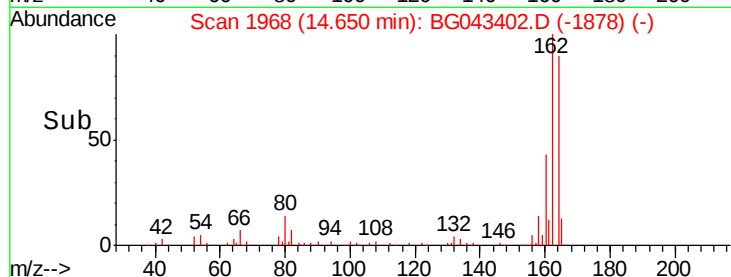
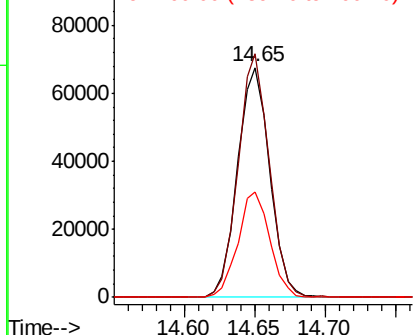


Abundance

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: 36.991 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	19.1	16.2	24.2
108	16.8	11.2	16.8#

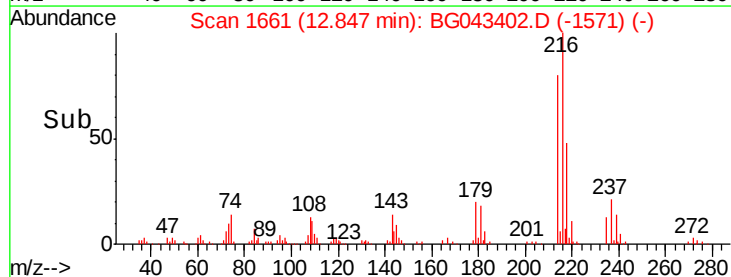
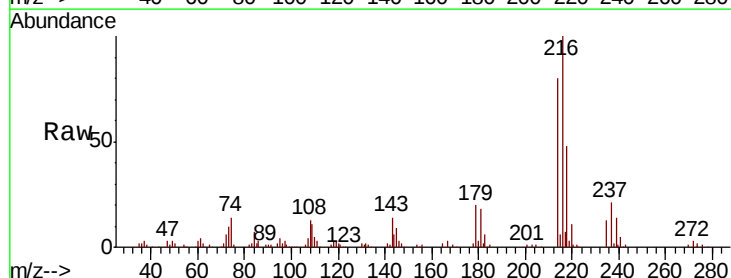
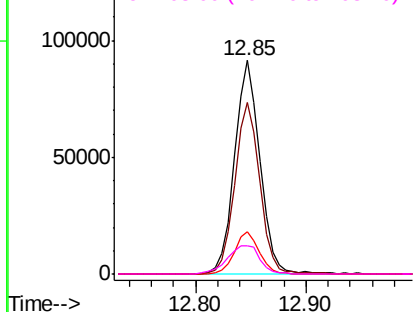
Abundance

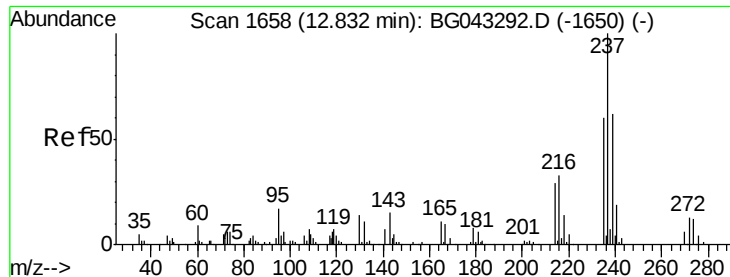
Ion 216.00 (215.70 to 216.70): E

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: 82.506 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

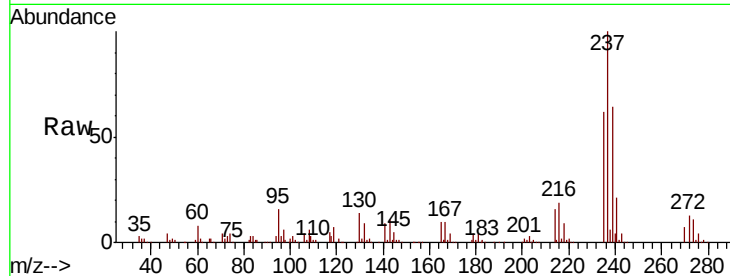
ClientSampleId :

PB124406BS

Tot Ion:	237	Resp:	172914
Ion Ratio	Lower	Upper	
237	100		
235	61.9	40.3	80.3
272	13.4	0.0	32.9

Manual Integrations
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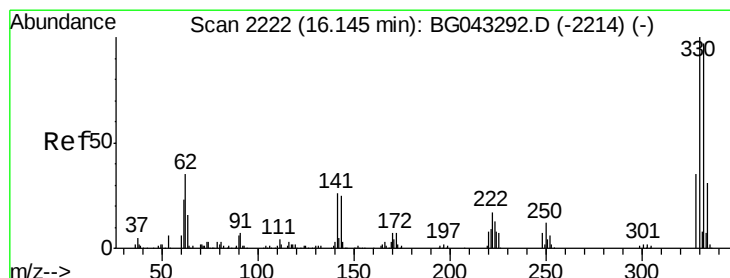
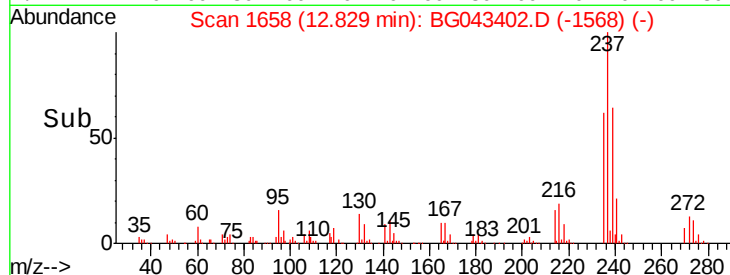
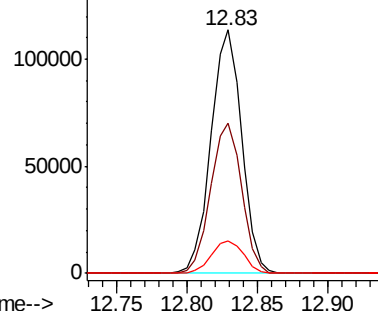


Abundance

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: 108.690 ng

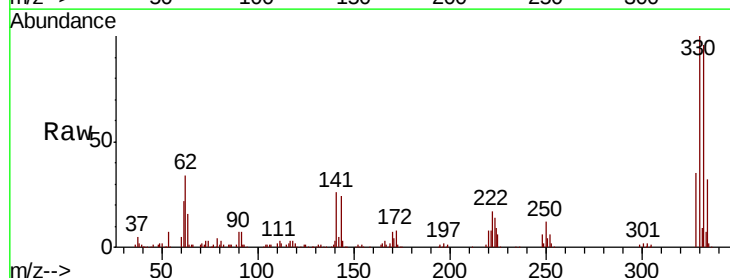
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	330	Resp:	222976
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.4	114.6
141	27.9	21.4	32.0

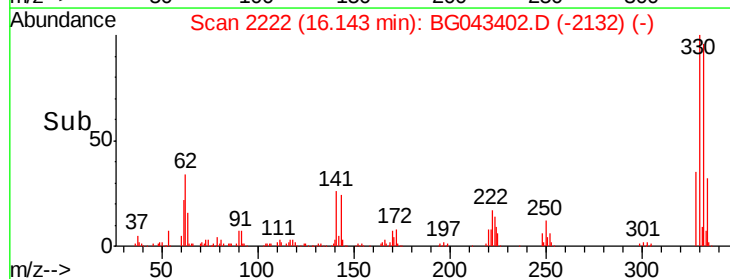
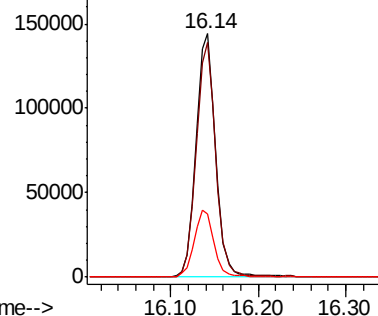


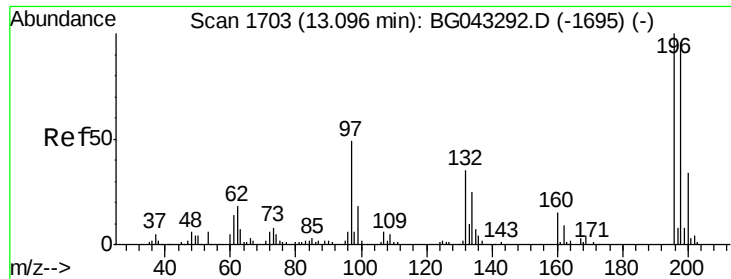
Abundance

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





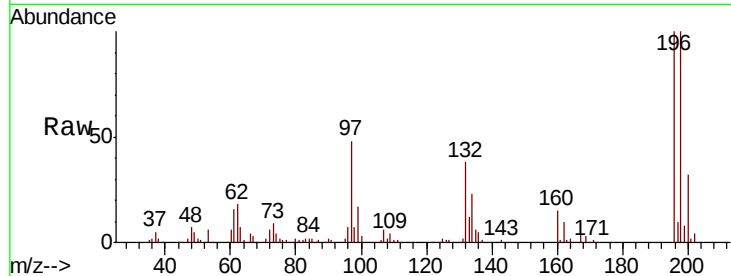
#43
 2,4,6-Trichlorophenol
 Concen: 40.830 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95931		
198	99.9	77.0	115.4	
200	32.3	27.4	41.2	

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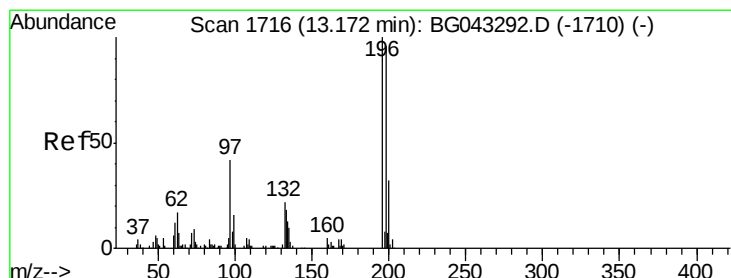
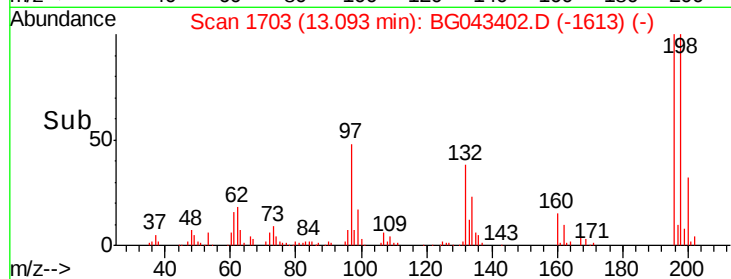
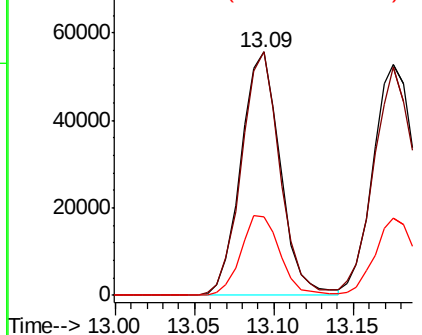


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.505 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	103338		
198	99.0	76.6	114.8	
97	45.3	34.1	51.1	
132	24.2	18.2	27.4	

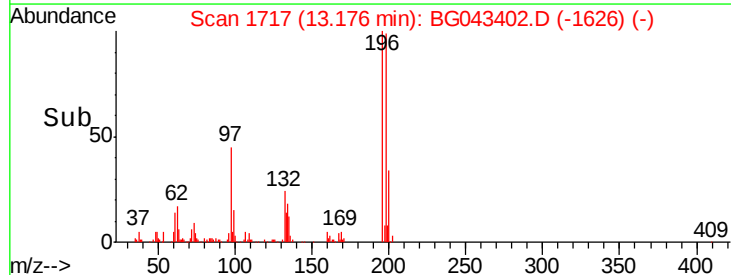
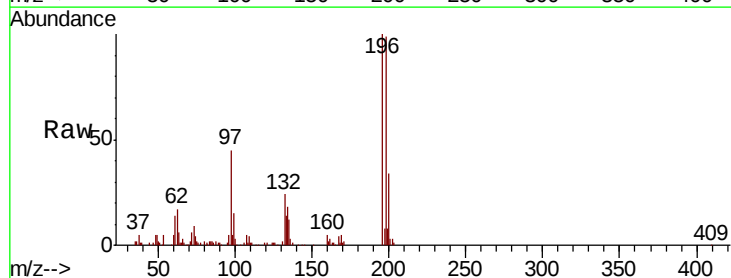
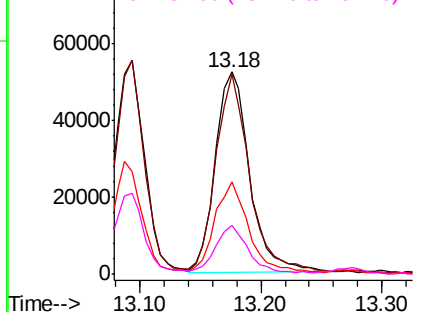
Abundance

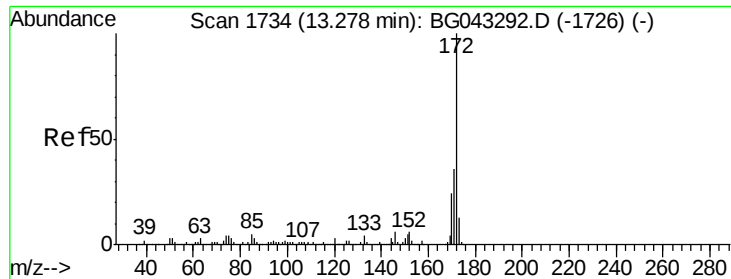
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





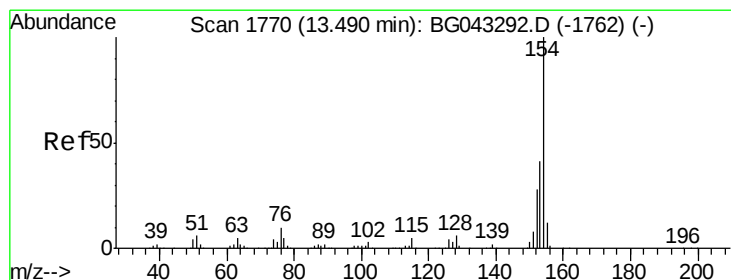
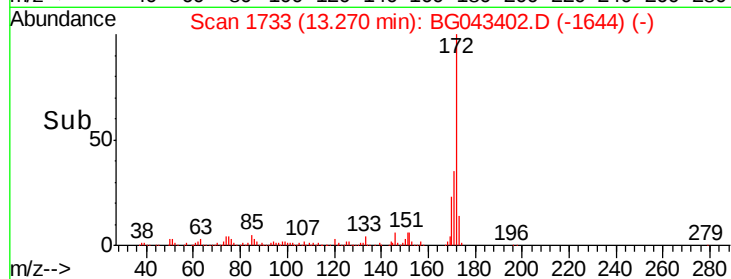
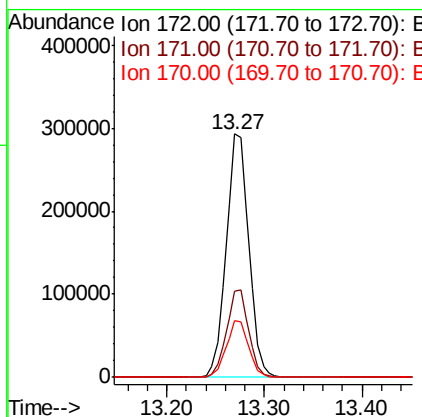
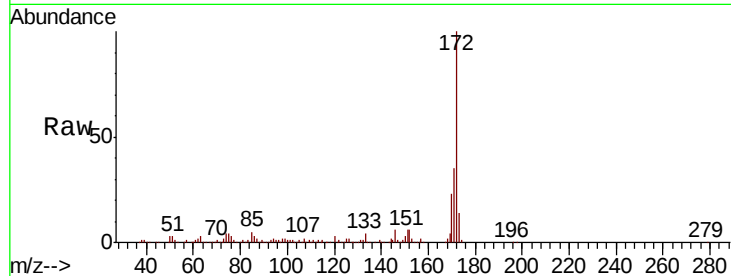
#45
2-Fluorobiphenyl
Concen: 60.166 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion:172	Resp:	469394
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.5 42.7
170	23.5	18.8 28.2

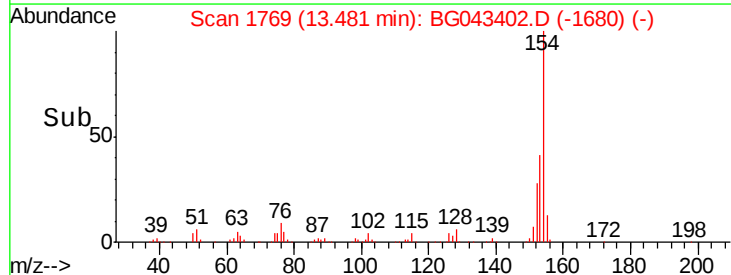
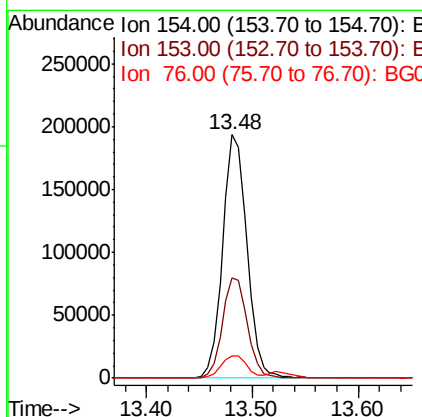
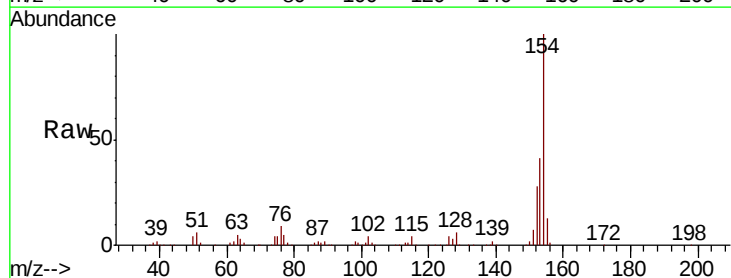
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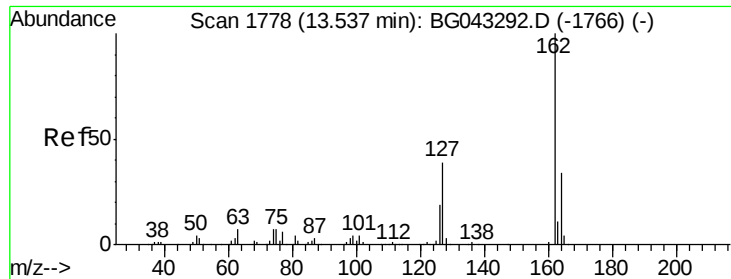
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#46
1,1'-Biphenyl
Concen: 37.830 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion:154	Resp:	310248
Ion Ratio	Lower	Upper
154	100	
153	41.1	21.0 61.0
76	9.2	0.0 29.8





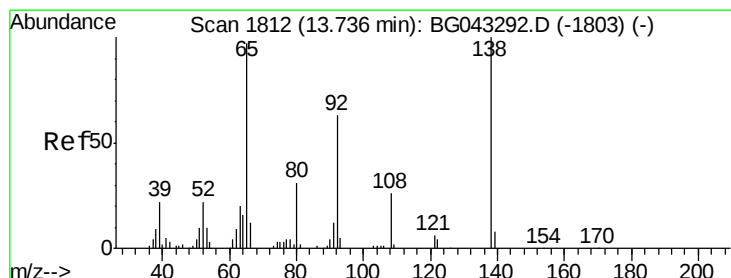
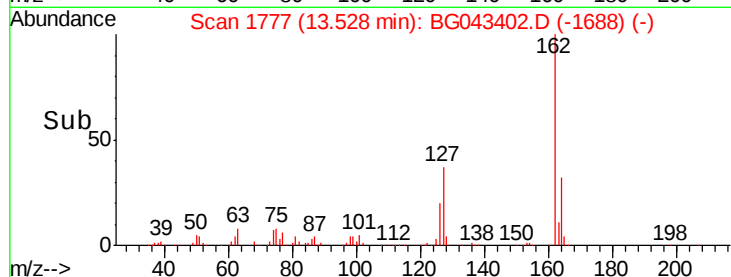
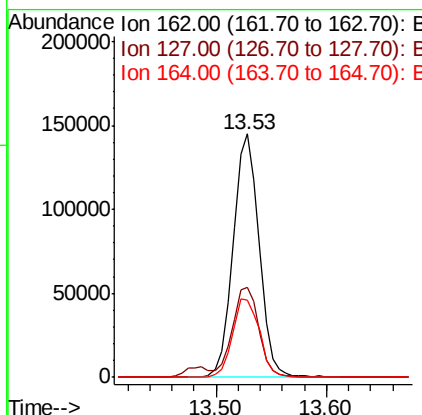
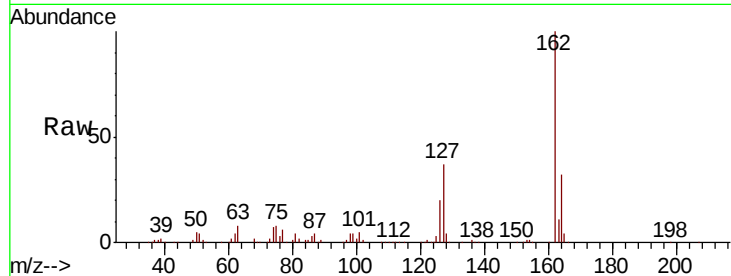
#47
2-Chloronaphthalene
Concen: 38.456 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239965		
127	36.9		31.3	46.9
164	31.9		26.8	40.2

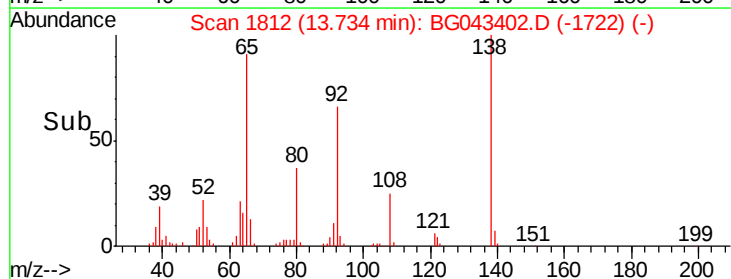
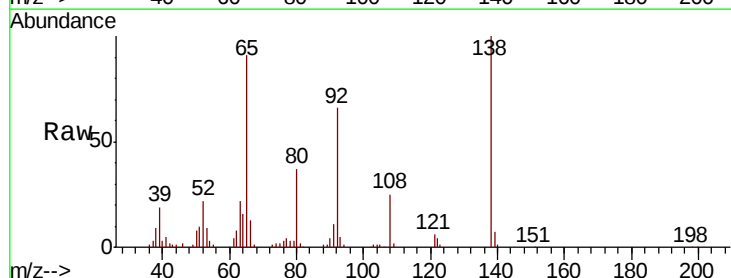
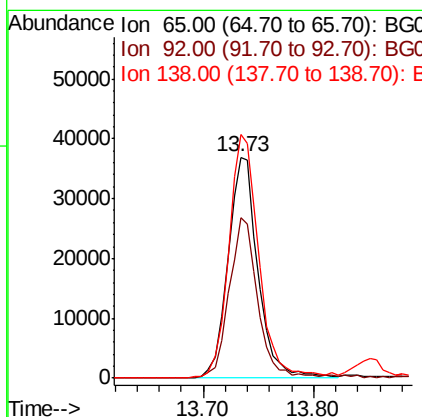
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#48
2-Nitroaniline
Concen: 37.551 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	70033		
92	72.4		52.6	79.0
138	110.2		82.9	124.3





#49

Acenaphthylene

Concen: 40.635 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

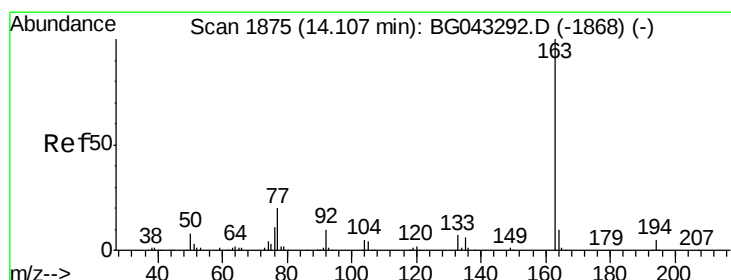
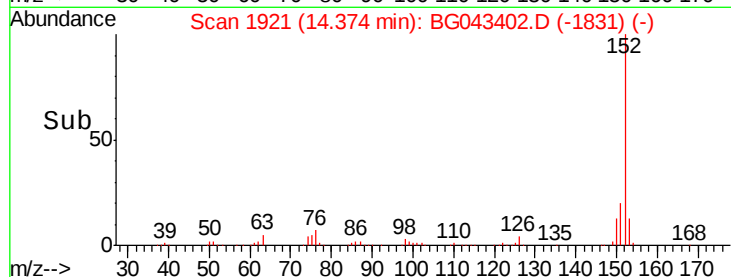
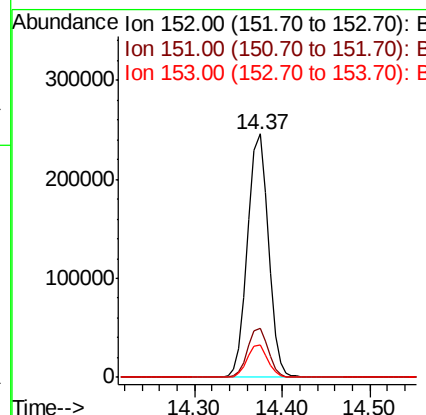
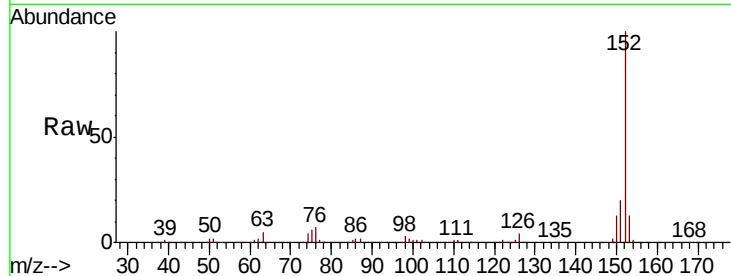
ClientSampleId :

PB124406BS

Tot Ion:	152	Resp:	394631
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.2	25.8
153	13.5	11.0	16.6

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#50

Dimethylphthalate

Concen: 39.104 ng

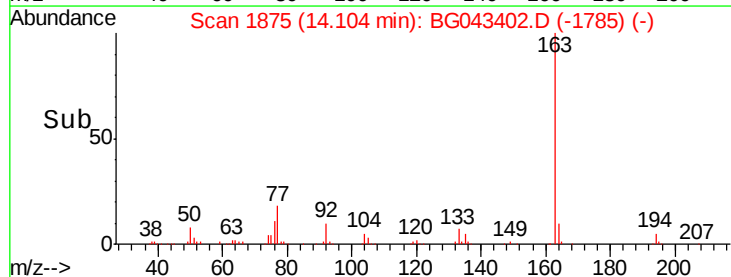
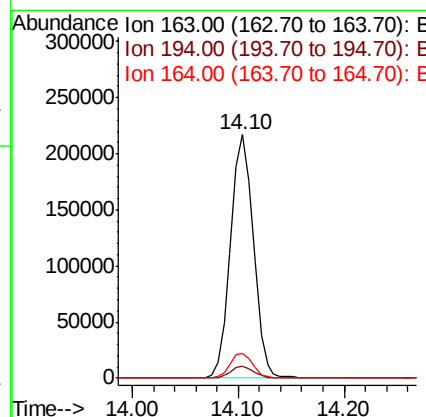
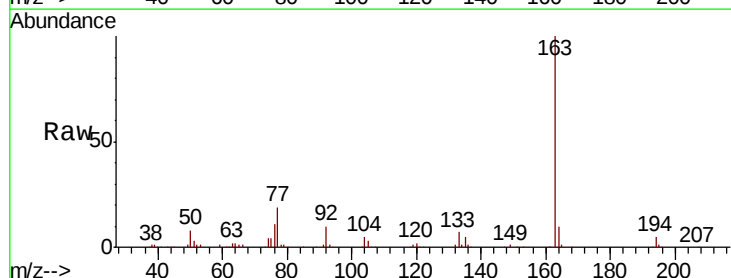
RT: 14.10 min Scan# 1875

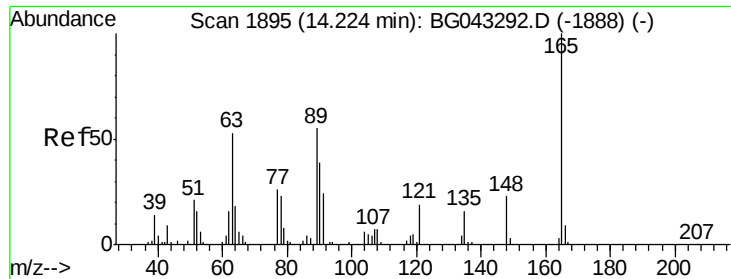
Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	163	Resp:	326518
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.7	5.5
164	10.3	8.1	12.1





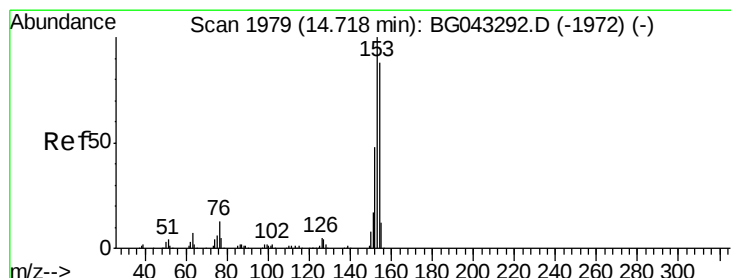
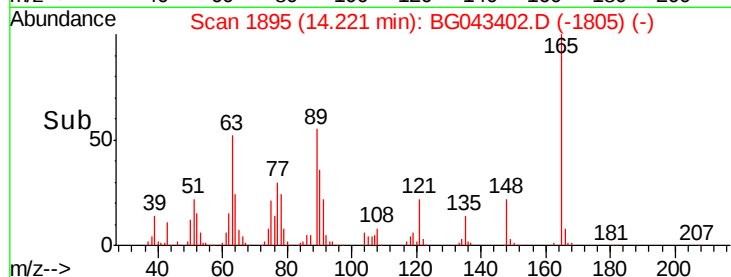
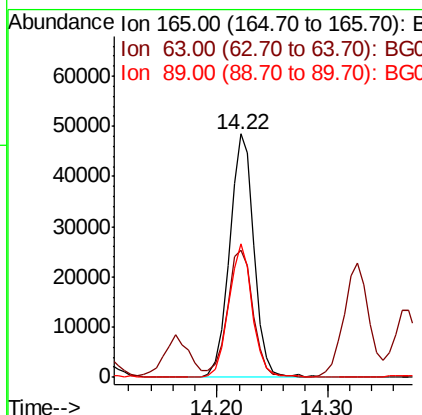
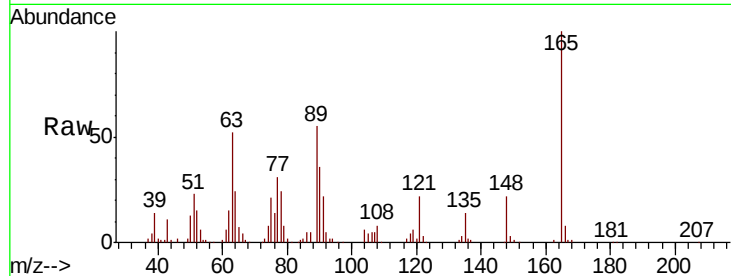
#51
2,6-Dinitrotoluene
Concen: 41.223 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	47.1	70.7
89	55.1	43.7	65.5

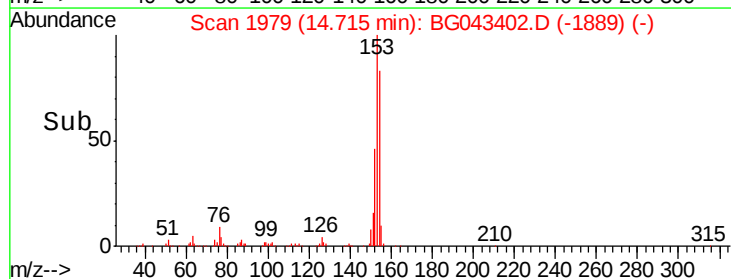
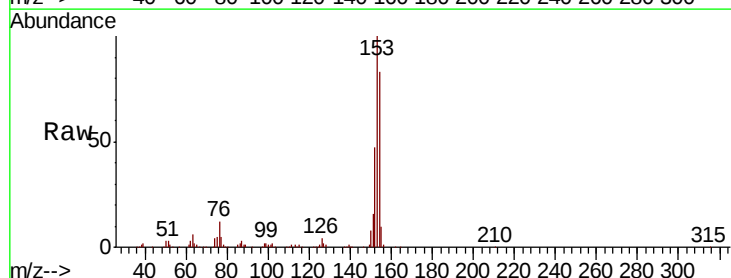
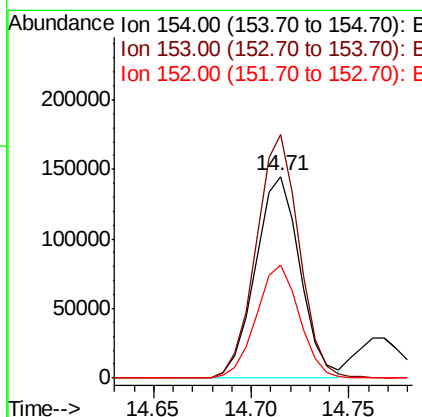
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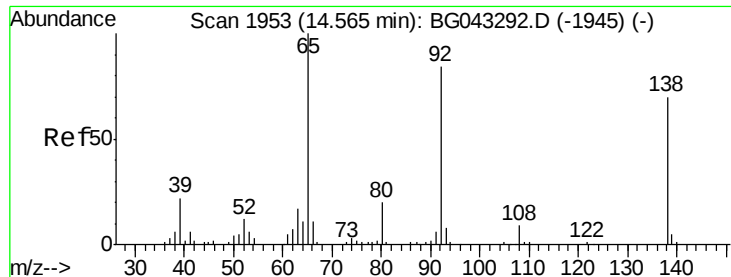
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#52
Acenaphthene
Concen: 38.612 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.9	90.9	136.3
152	56.2	43.9	65.9





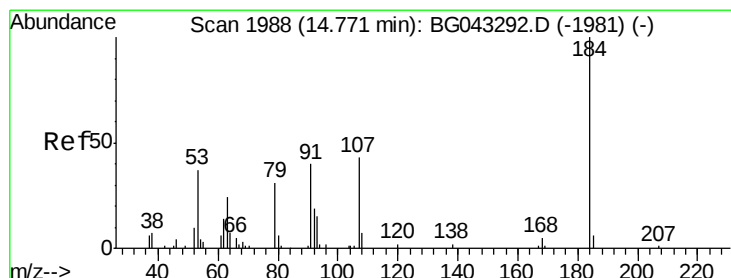
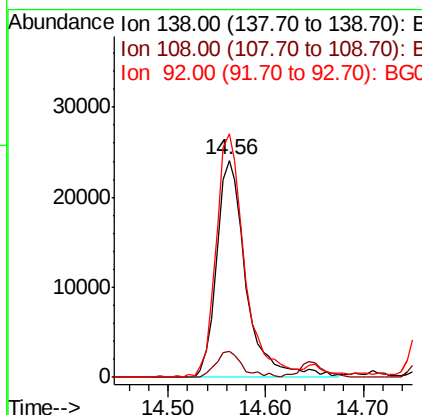
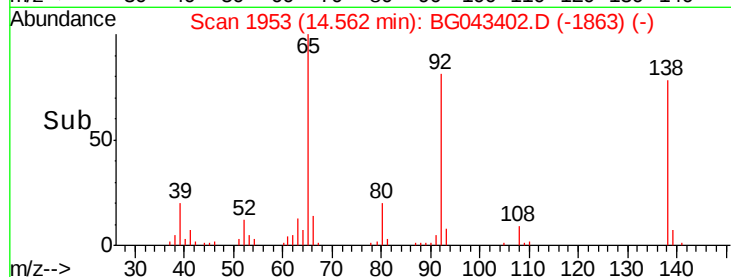
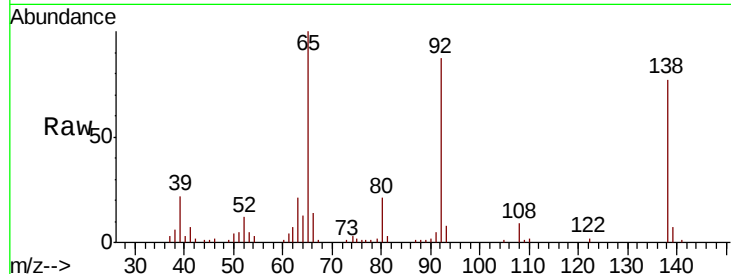
#53
3-Nitroaniline
Concen: 28.811 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.8	14.6
92	112.2	95.8	143.6

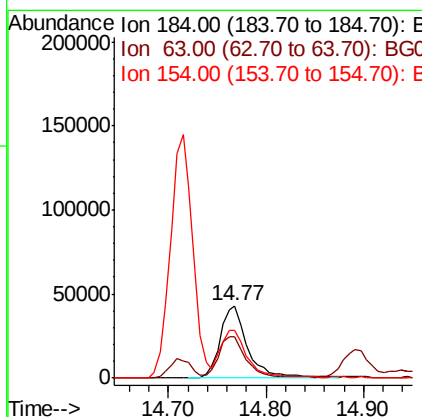
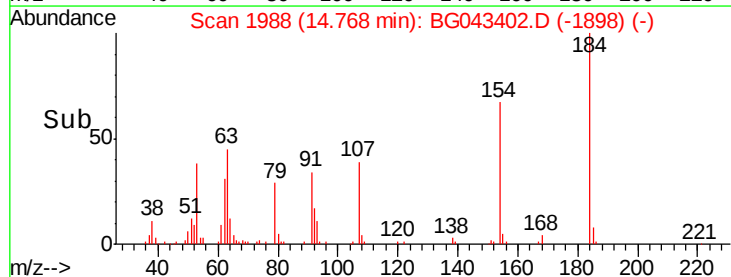
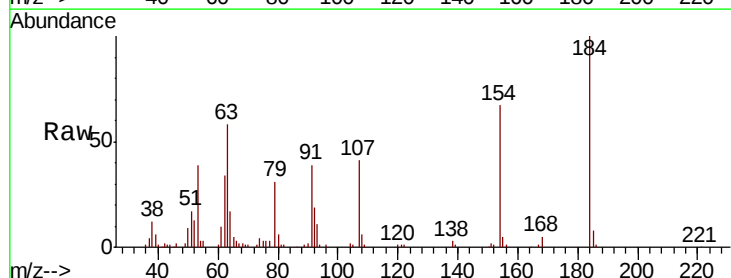
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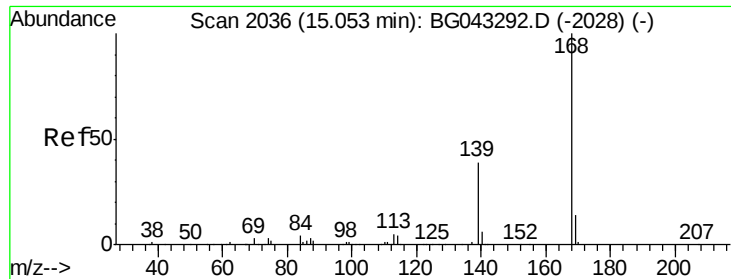
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#54
2,4-Dinitrophenol
Concen: 74.411 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	48.8	73.2
154	66.6	49.4	74.0





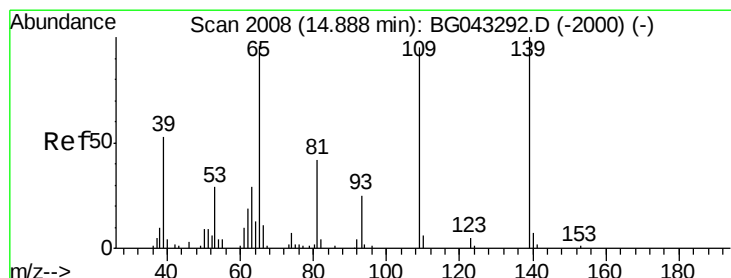
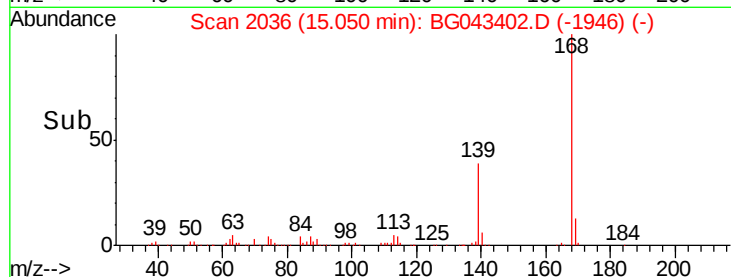
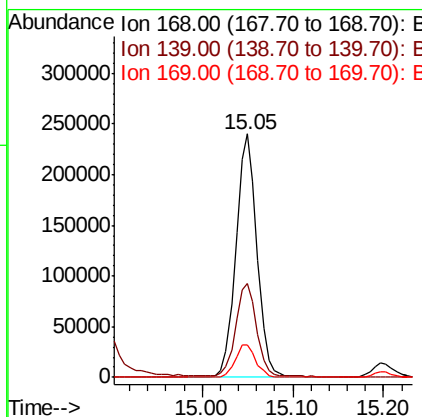
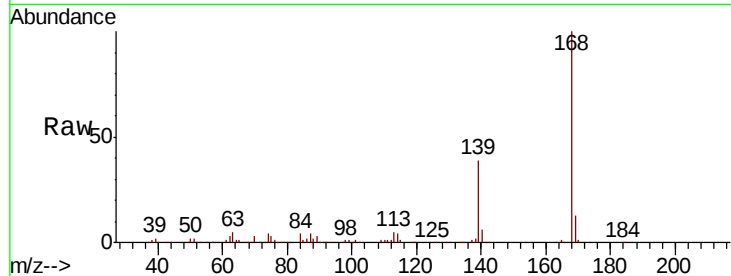
#55
Dibenzenofuran
Concen: 40.399 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.7	47.5
169	13.5	11.0	16.4

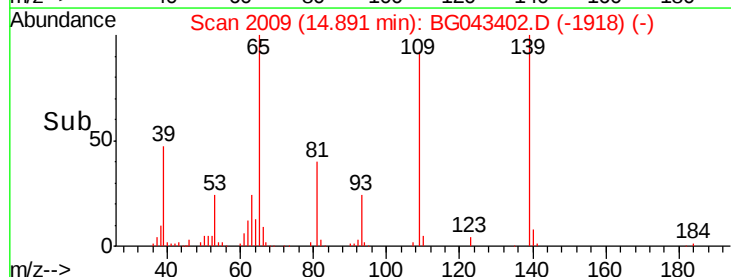
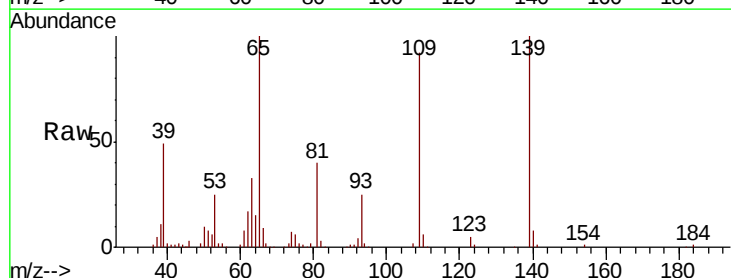
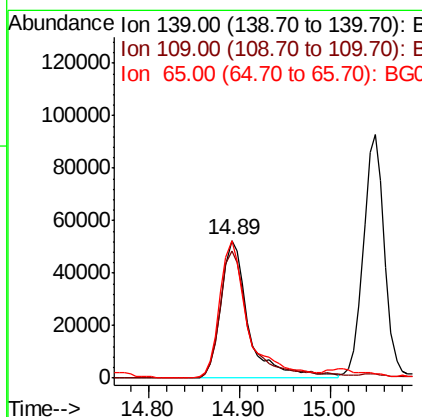
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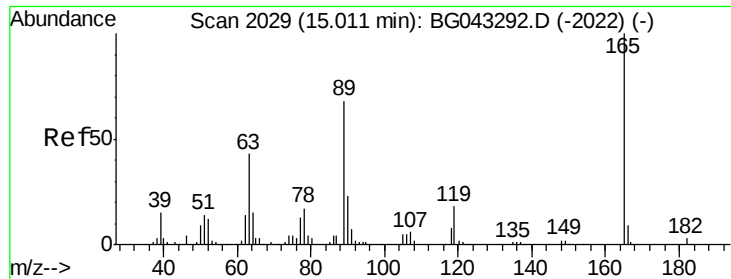
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#56
4-Nitrophenol
Concen: 95.346 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.4	75.4	115.4
65	99.7	76.6	116.6





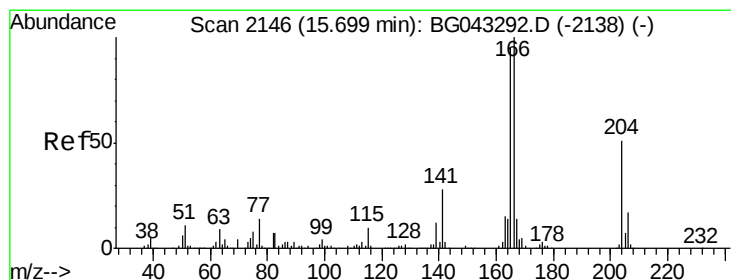
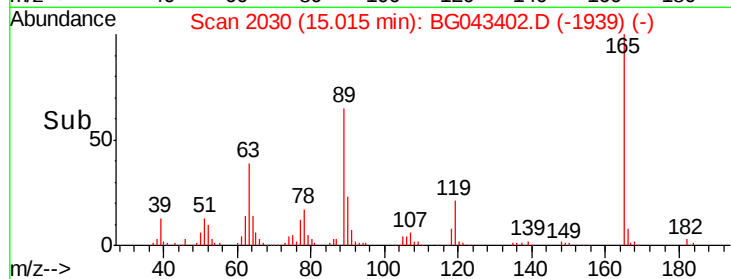
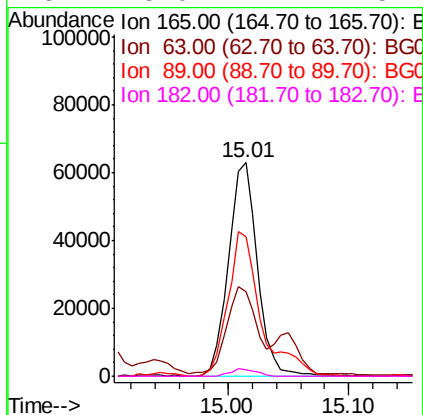
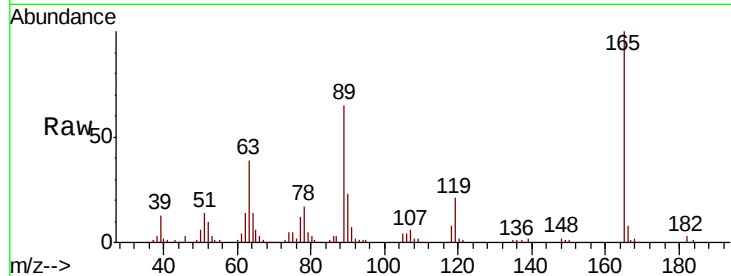
#57
2,4-Dinitrotoluene
Concen: 40.550 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	39.4	35.0	52.6
89	65.0	54.1	81.1
182	3.0	2.2	3.2

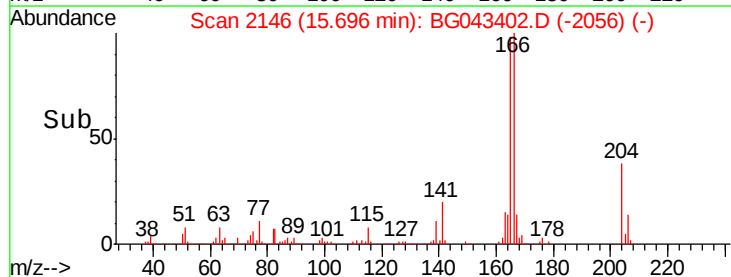
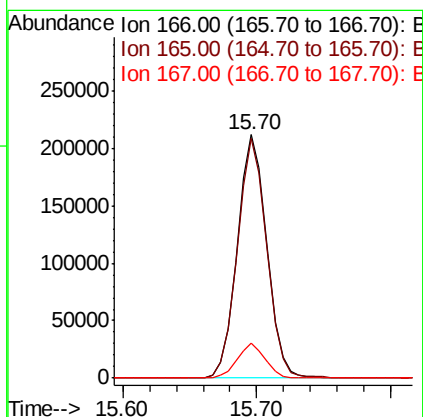
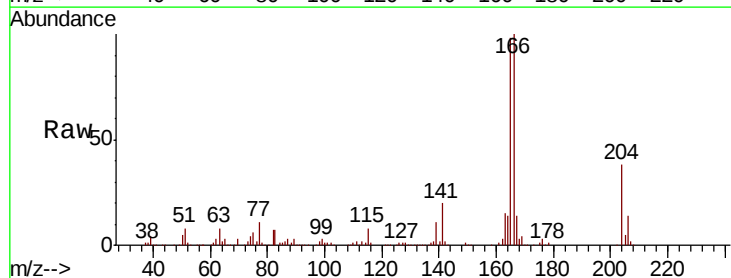
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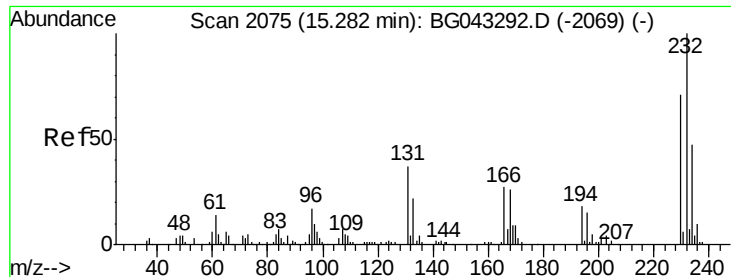
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#58
Fluorene
Concen: 40.181 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.4	76.4	114.6
167	14.3	11.1	16.7





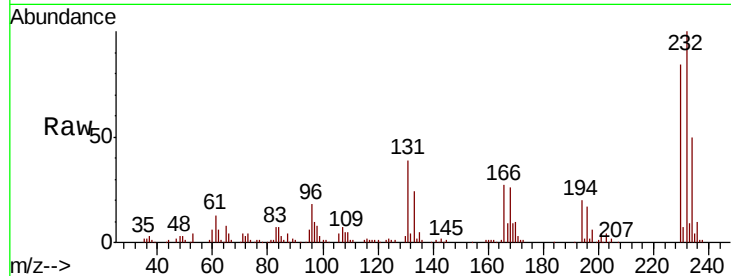
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.820 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.0	28.7	43.1	
130	2.5	0.6	0.8	
166	26.3	21.1	31.7	

Manual Integrations
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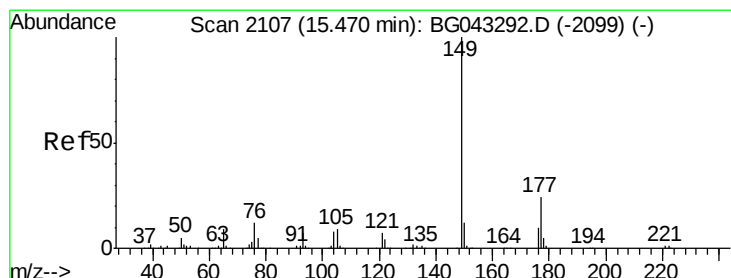
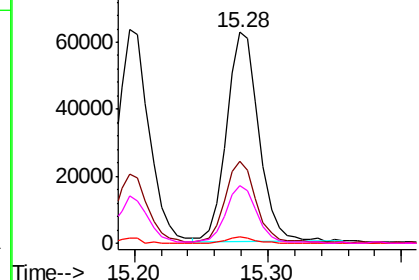
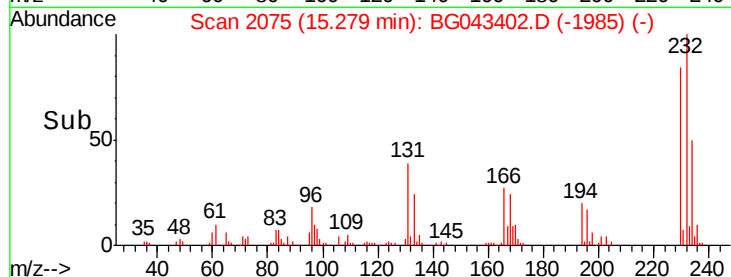
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

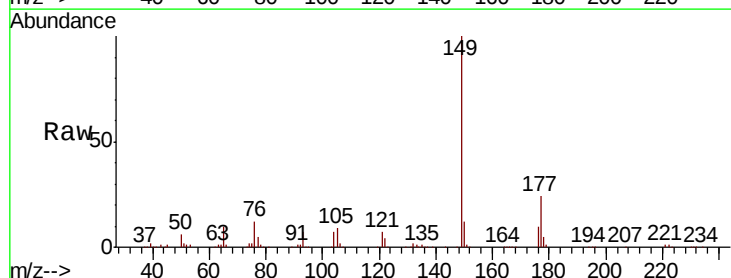
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.953 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.3	19.0	28.4	
150	12.5	9.4	14.0	

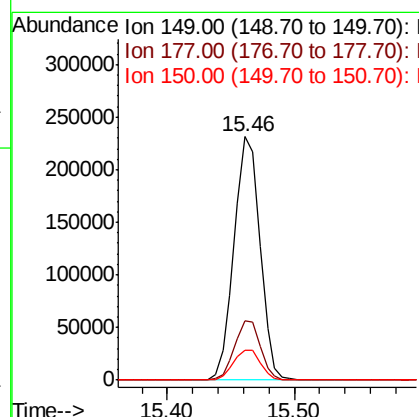
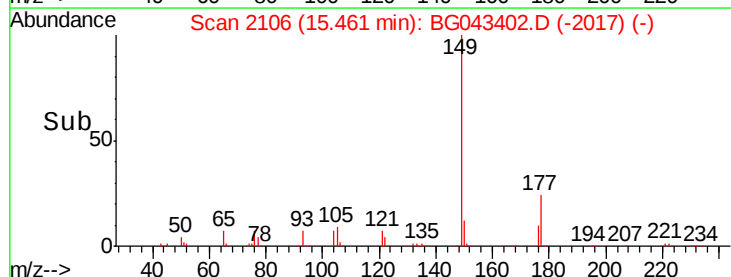


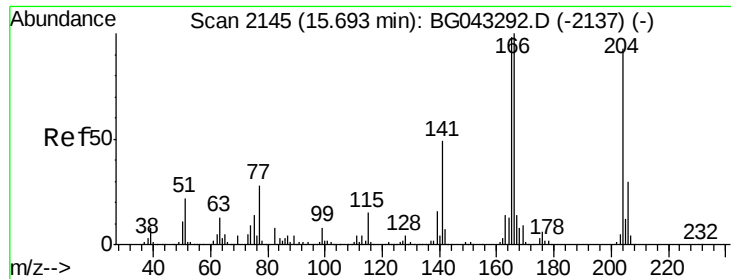
Abundance

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





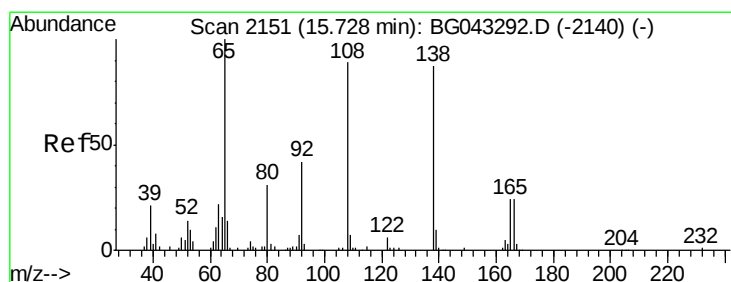
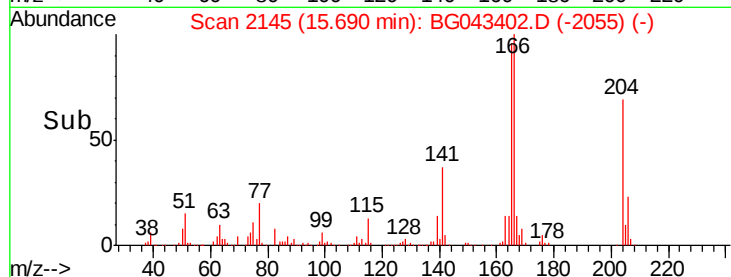
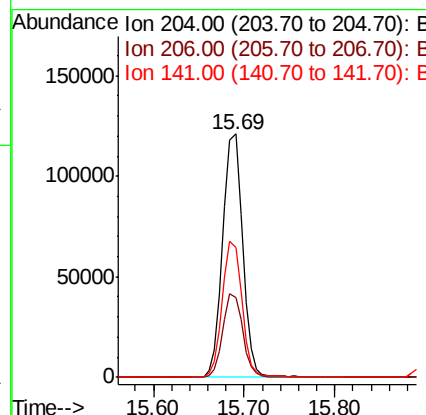
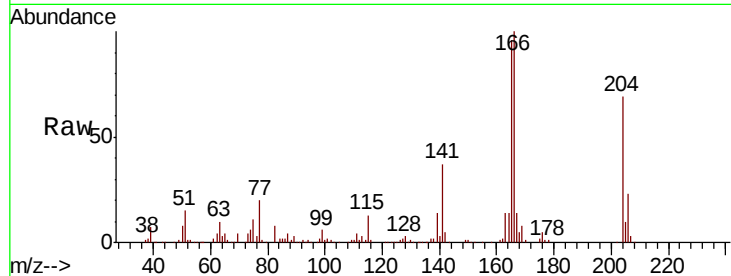
#61
4-Chlorophenyl-phenylether
Concen: 39.479 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.7	38.5
141	53.3	42.3	63.5

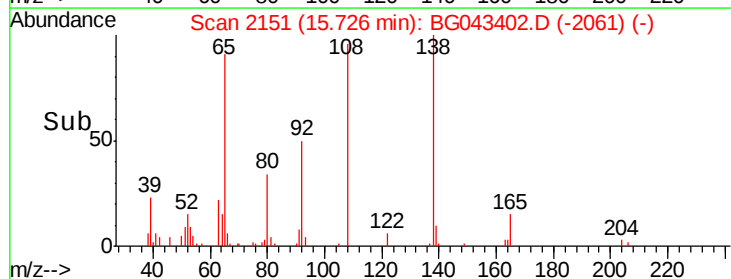
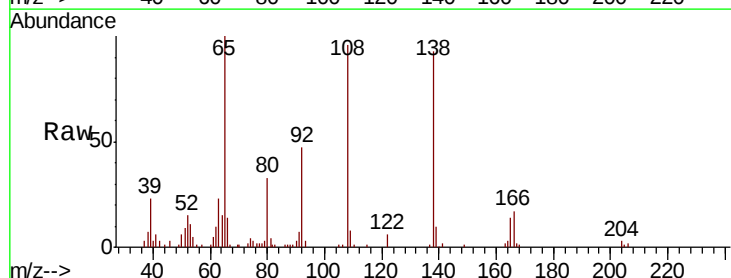
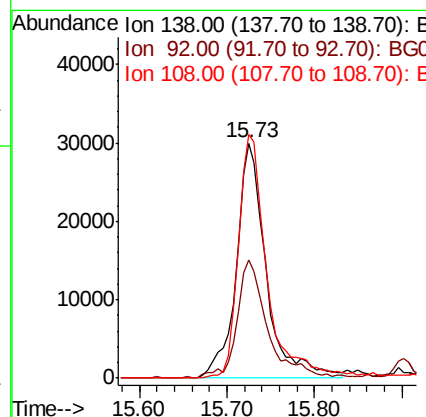
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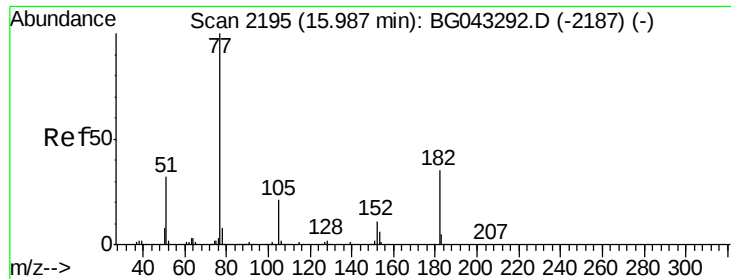
mohammad
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#62
4-Nitroaniline
Concen: 38.557 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	28.8	68.8
108	103.5	82.7	122.7





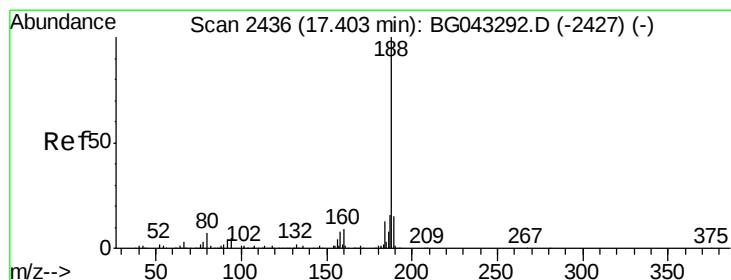
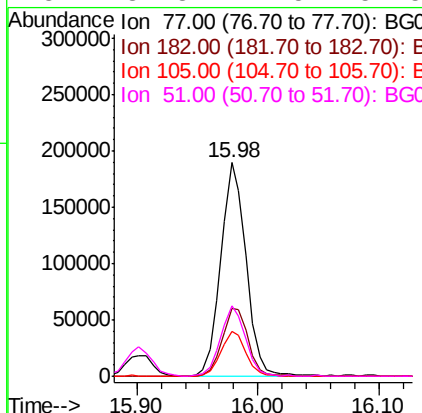
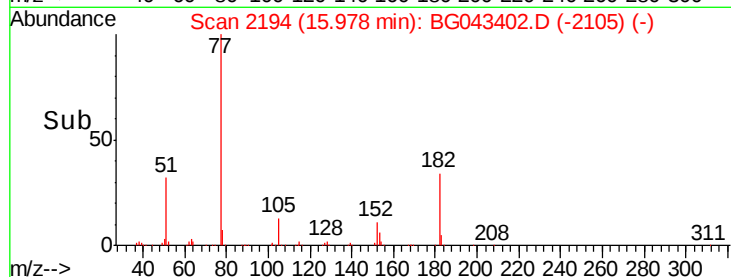
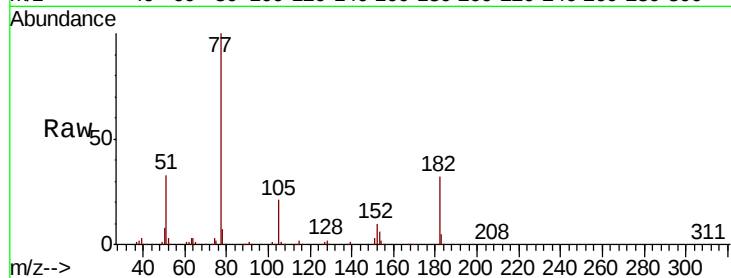
#63
Azobenzene
Concen: 40.094 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	14.9	54.9
105	20.9	0.6	40.6
51	32.8	12.5	52.5

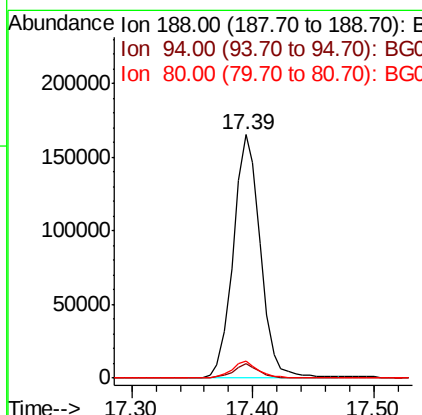
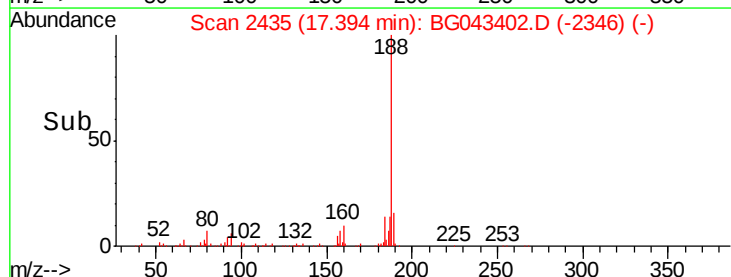
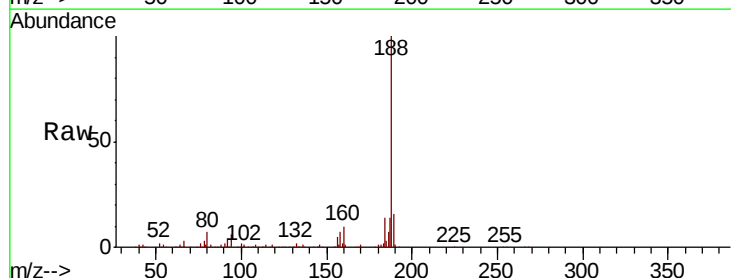
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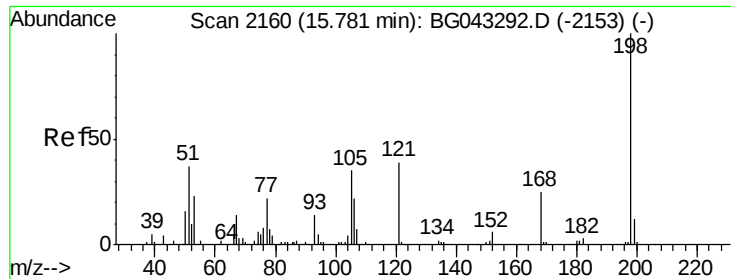
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	7.2	5.2	7.8





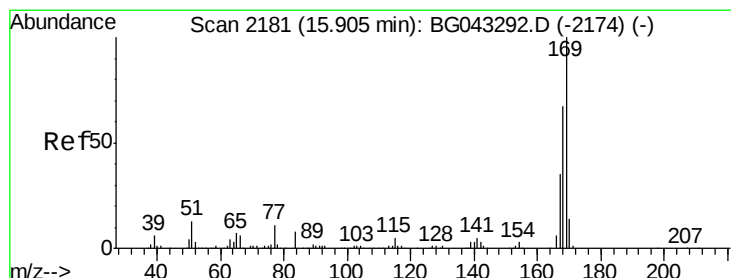
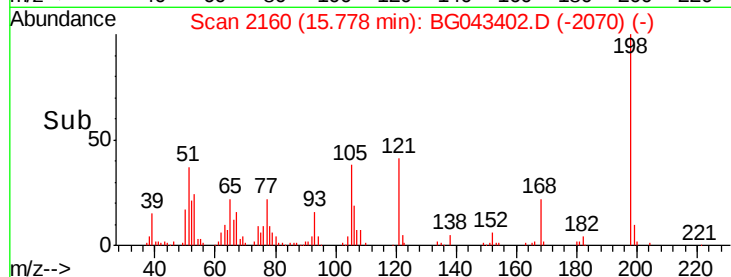
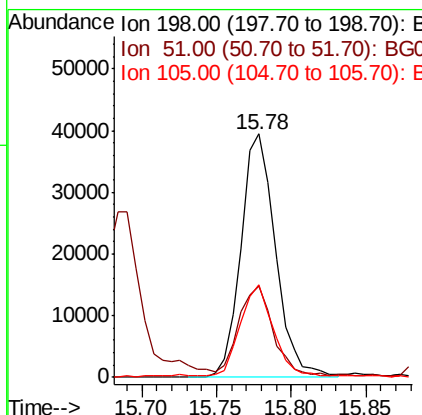
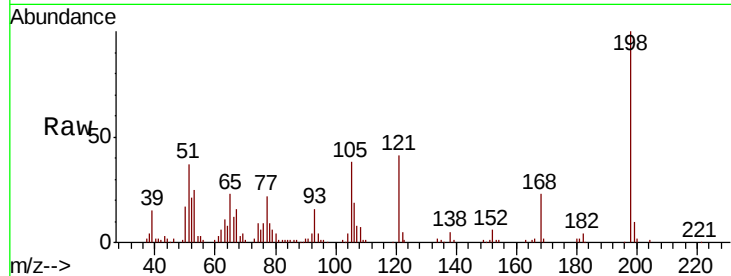
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.620 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.3	21.4	61.4
105	37.8	16.5	56.5

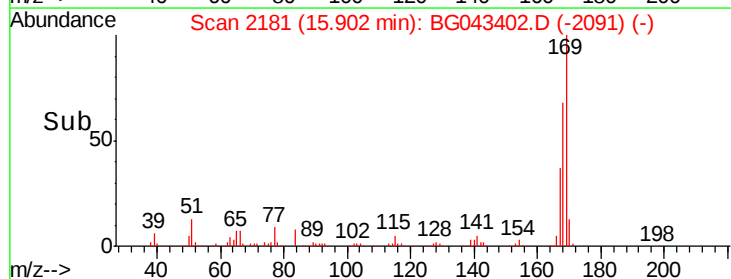
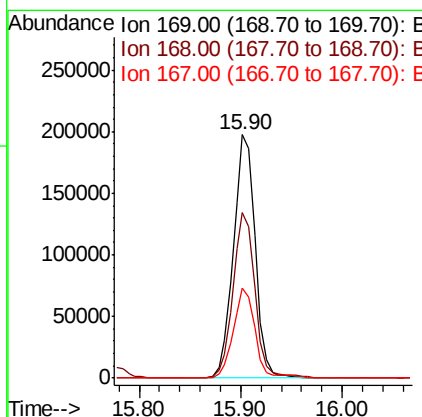
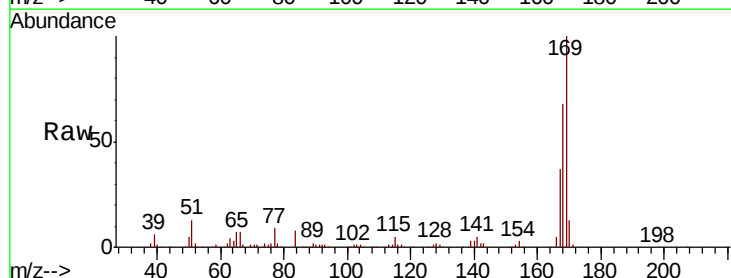
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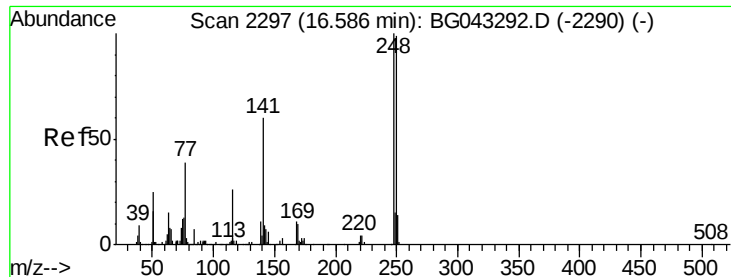
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#66
 n-Nitrosodiphenylamine
 Concen: 40.342 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	36.7	28.3	42.5





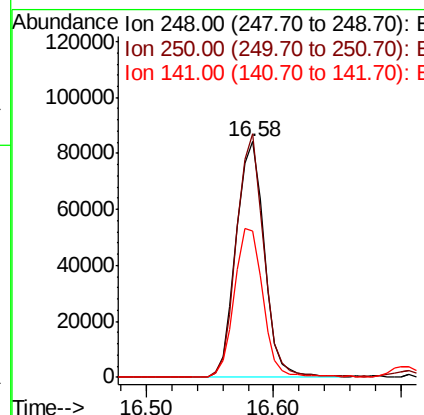
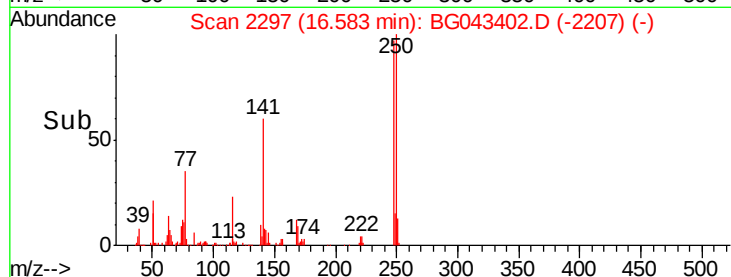
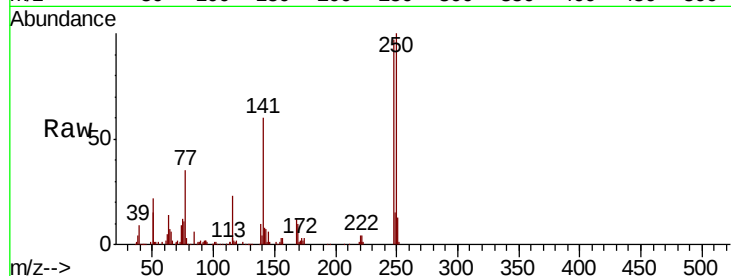
#67
4-Bromophenyl-phenylether
Concen: 37.355 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.4	79.3	118.9
141	62.3	47.9	71.9

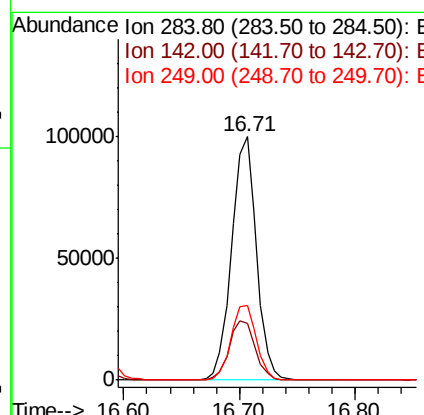
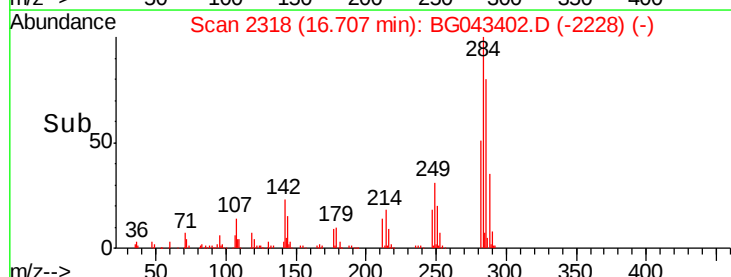
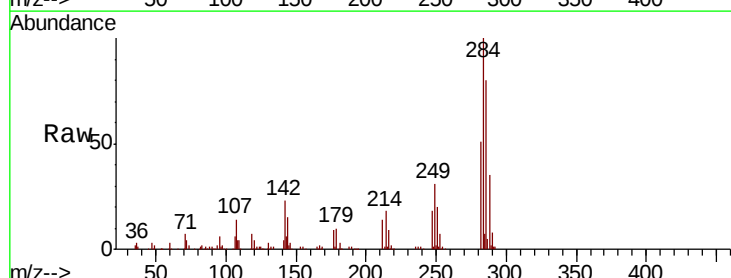
Manual Integrations
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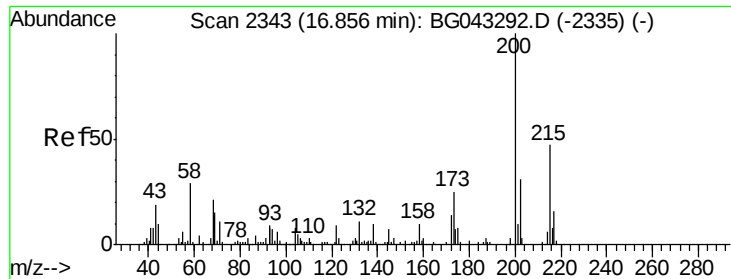
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#68
Hexachlorobenzene
Concen: 37.006 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.4	21.1	31.7
249	30.6	24.4	36.6





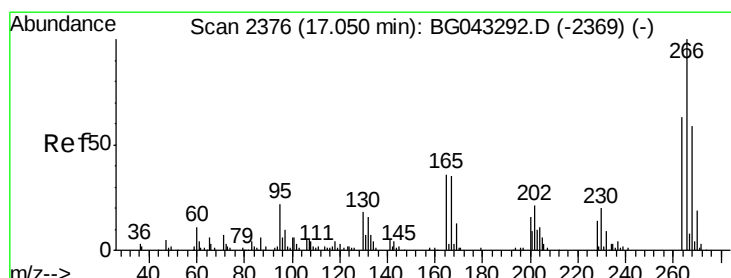
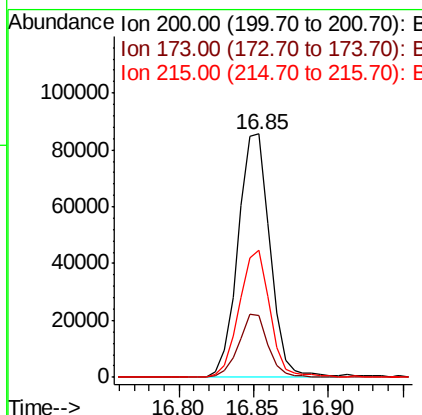
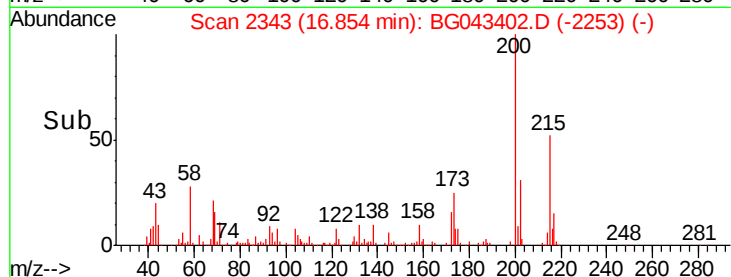
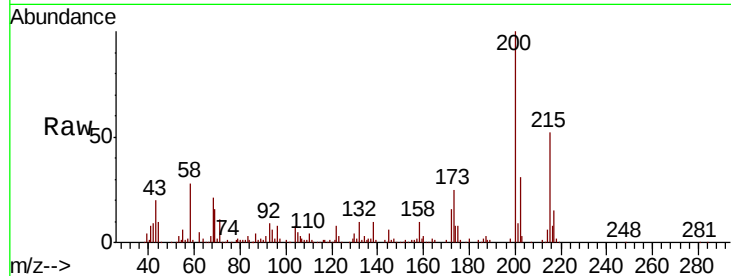
#69
 Atrazine
 Concen: 50.162 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.1	45.1
215	52.0	26.6	66.6

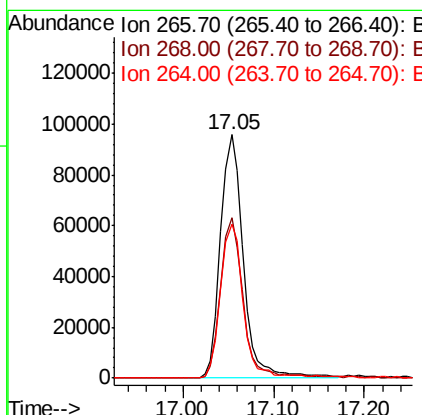
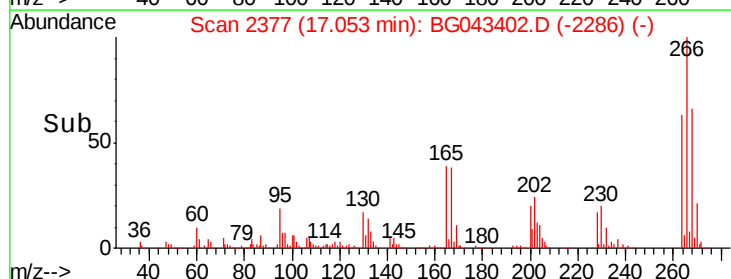
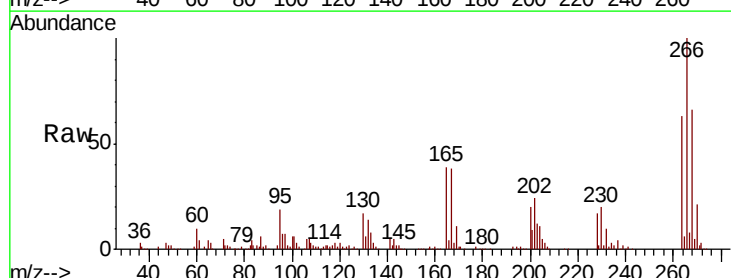
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#70
 Pentachlorophenol
 Concen: 92.235 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	47.1	70.7
264	63.3	50.4	75.6





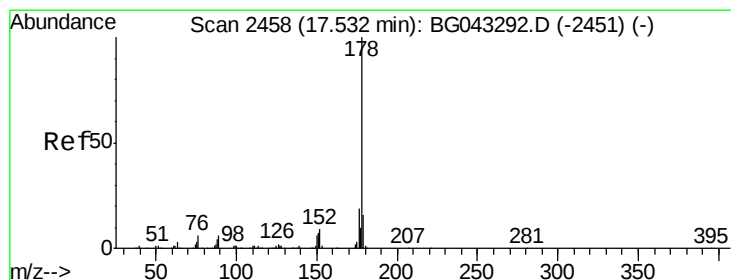
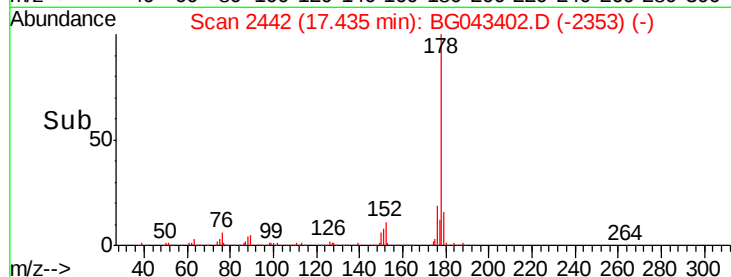
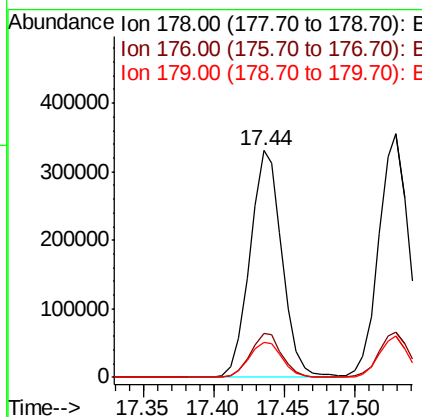
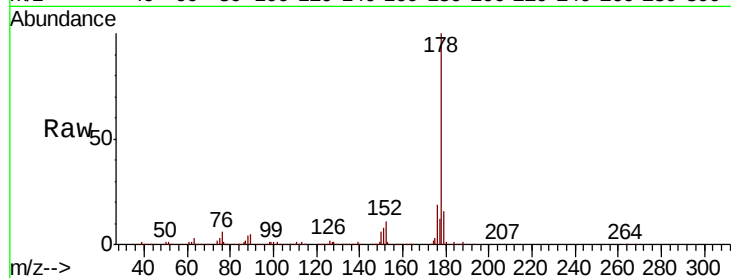
#71
Phenanthrene
Concen: 39.722 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	13.1	19.7

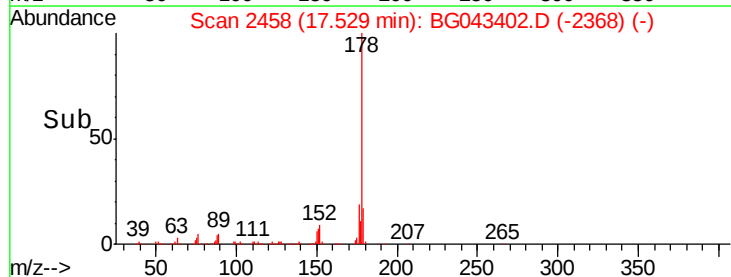
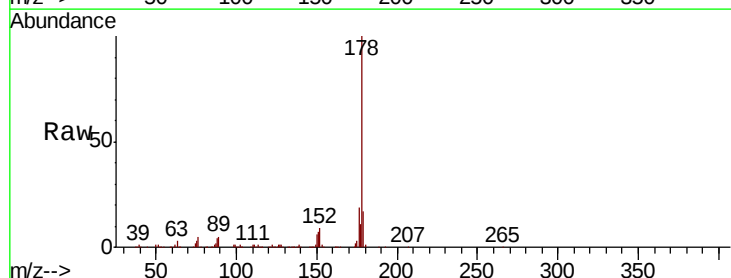
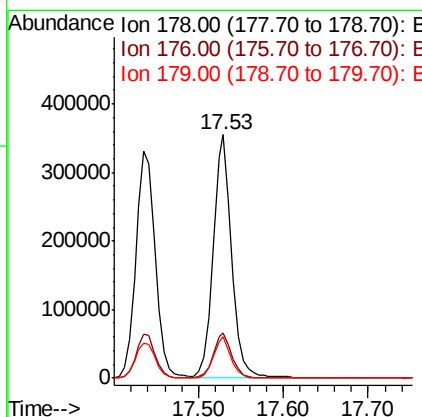
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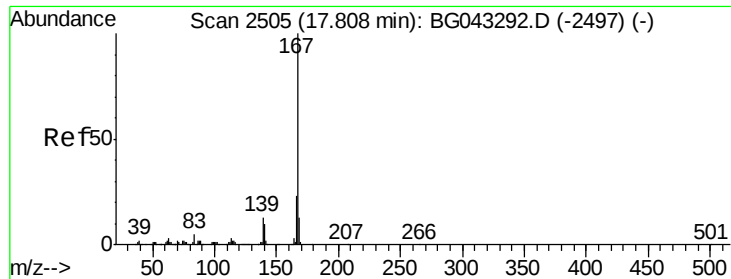
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#72
Anthracene
Concen: 41.049 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.8	13.0	19.6





#73

Carbazole

Concen: 40.447 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

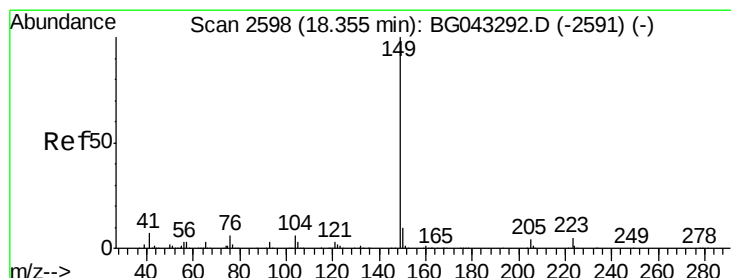
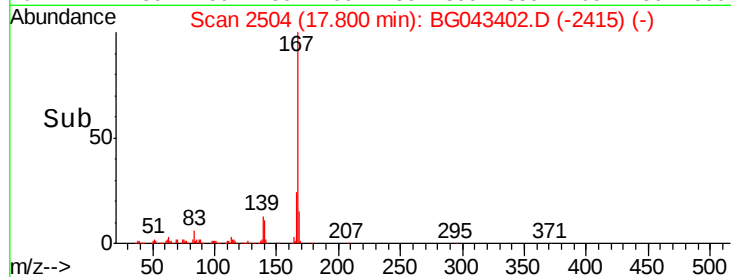
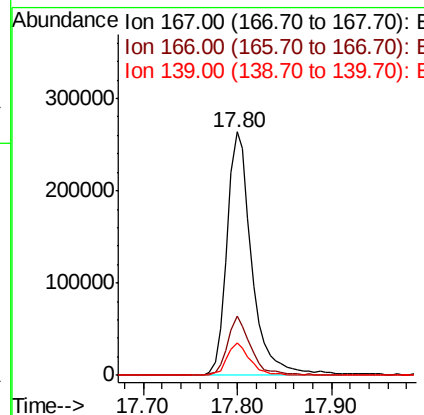
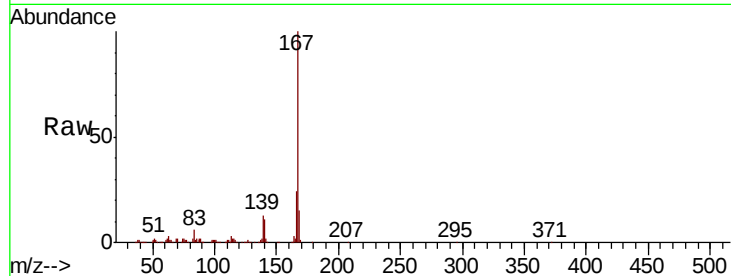
ClientSampleId :

PB124406BS

Tot Ion:	167	Resp:	485616
Ion Ratio	Lower	Upper	
167	100		
166	24.2	18.4	27.6
139	13.1	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 40.109 ng

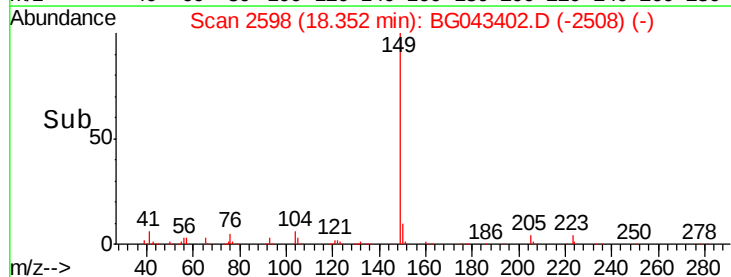
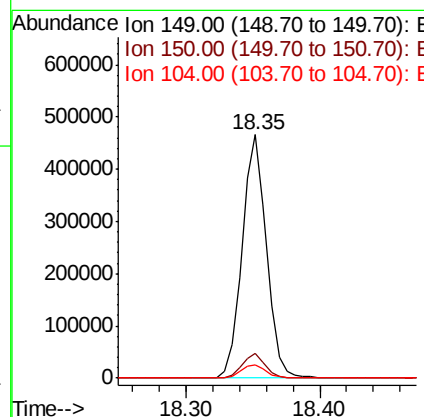
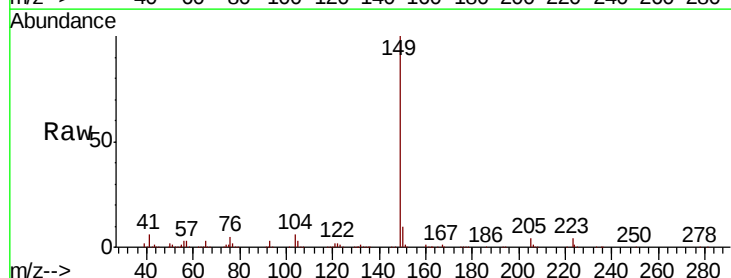
RT: 18.35 min Scan# 2598

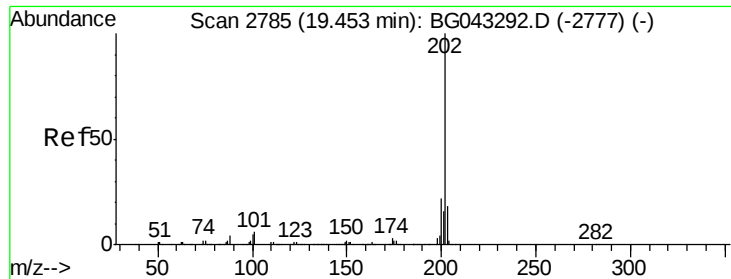
Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	149	Resp:	584289
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 40.919 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

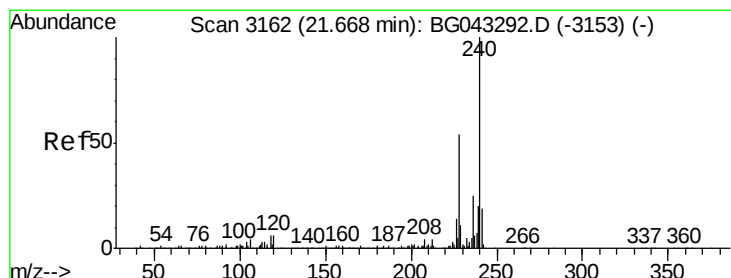
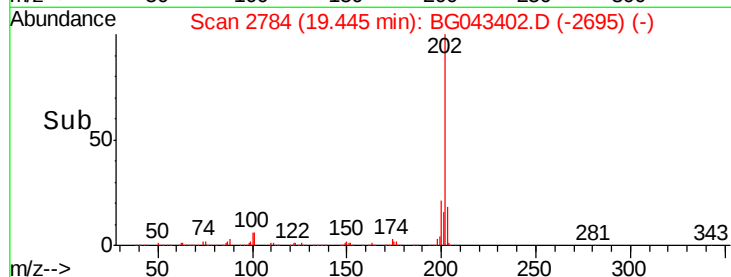
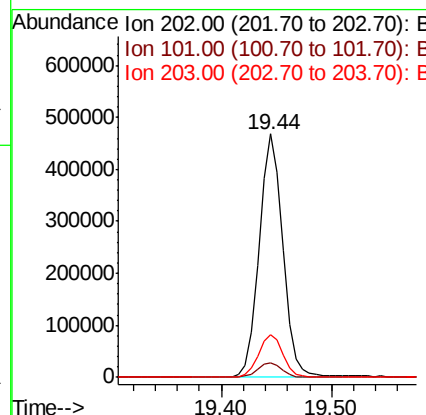
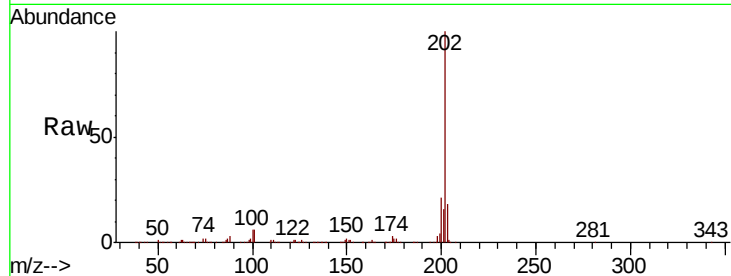
ClientSampleId :

PB124406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		706884		
101	6.2	0.0	26.0		
203	17.8	0.0	38.2		

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#76

Chrysene-d12

Concen: 20.000 ng

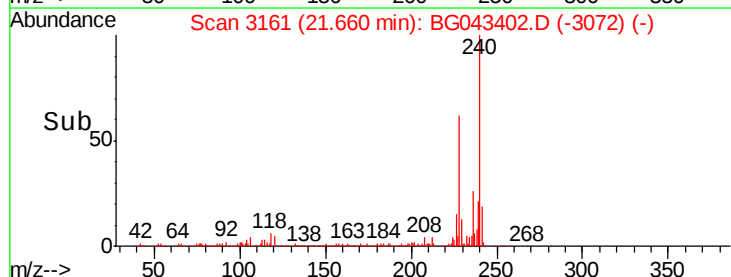
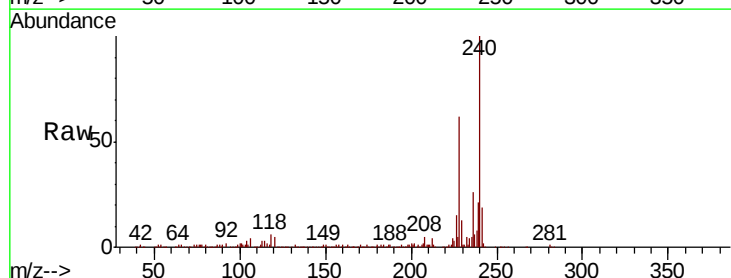
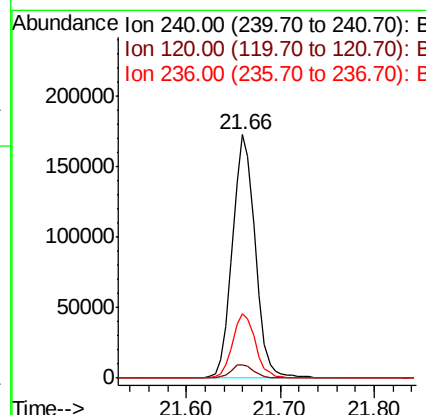
RT: 21.66 min Scan# 3161

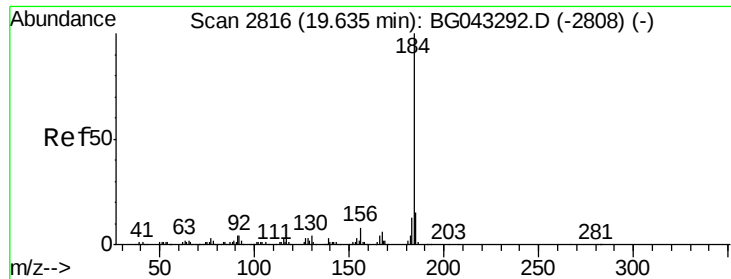
Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		290371		
120	5.2	4.6	7.0		
236	26.4	20.2	30.4		





#77

Benzidine

Concen: 38.884 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

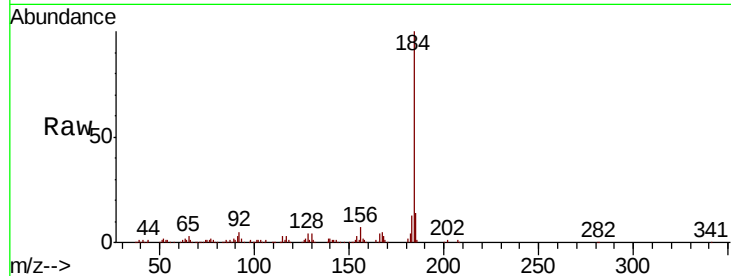
ClientSampleId :

PB124406BS

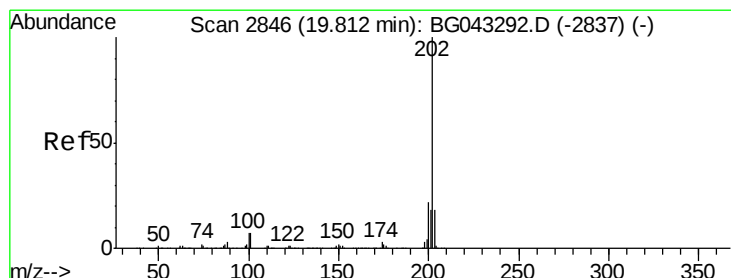
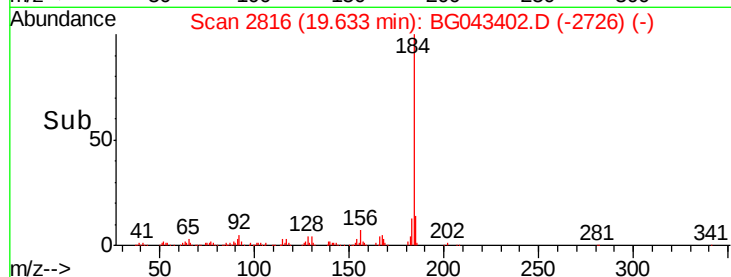
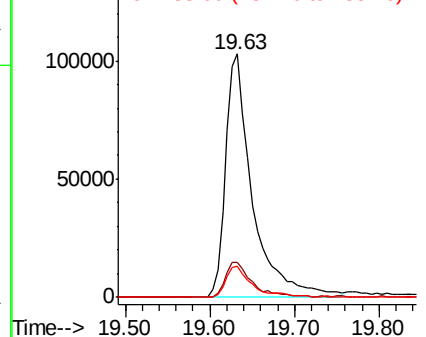
Tot Ion:	184	Resp:	227229
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.6
183	12.9	10.6	16.0

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



#78

Pyrene

Concen: 39.885 ng

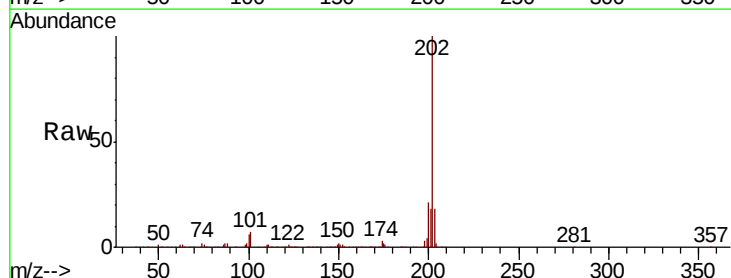
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

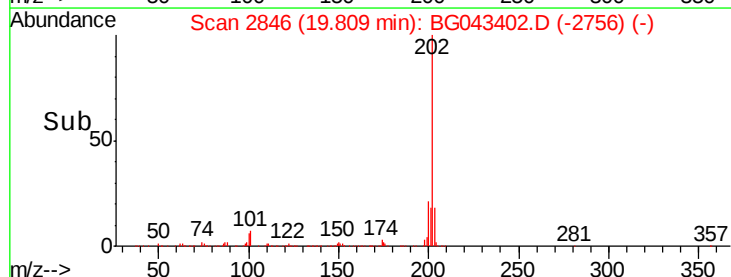
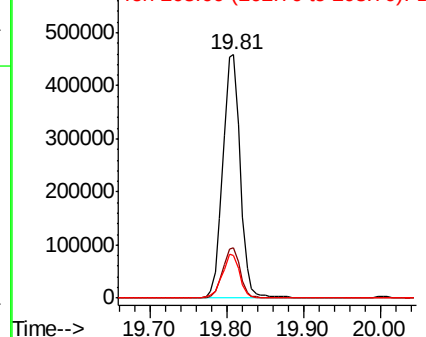
Lab File: BG043402.D

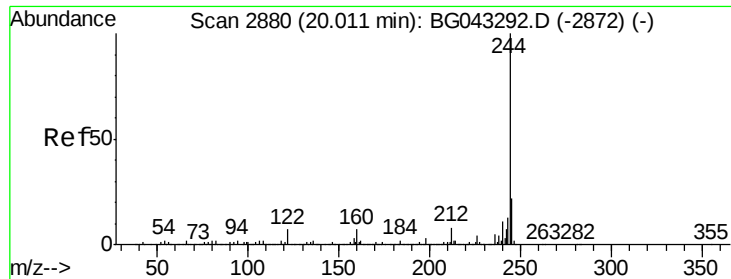
Acq: 30 Oct 2019 16:02

Tgt Ion:	202	Resp:	716869
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.3	25.9
203	17.7	14.5	21.7



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





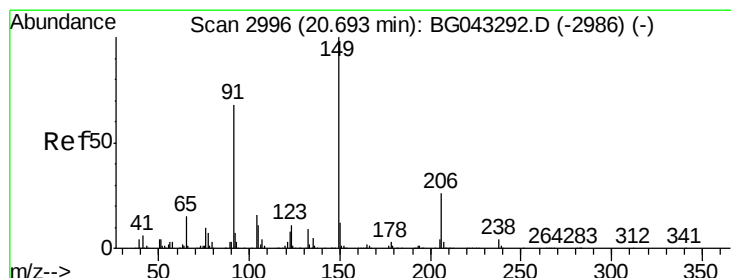
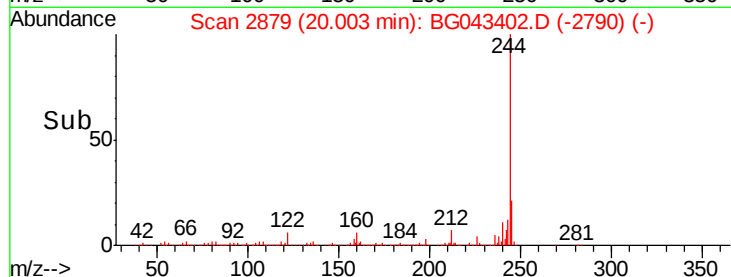
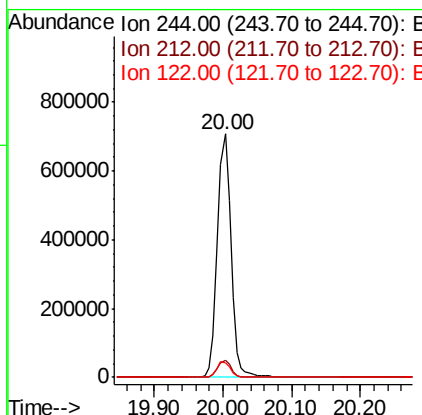
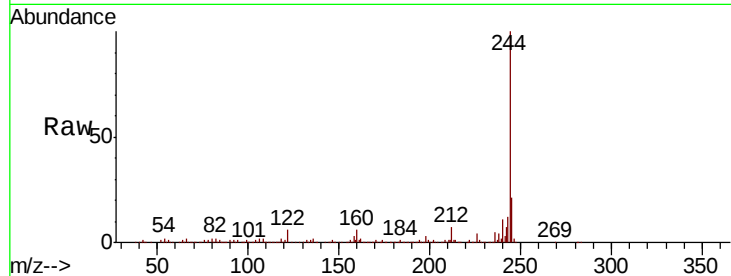
#79
 Terphenyl-d14
 Concen: 62.893 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.2	5.3	7.9

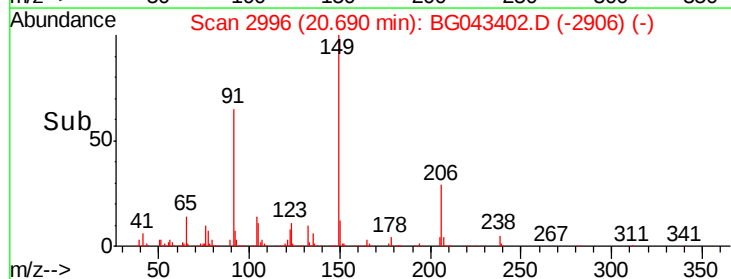
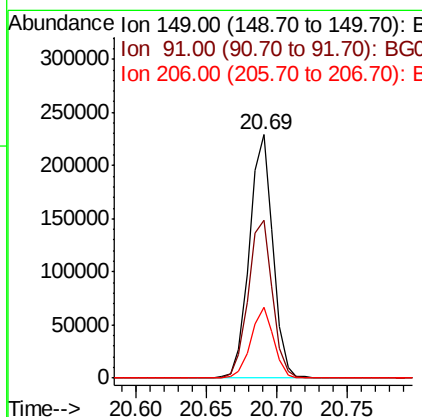
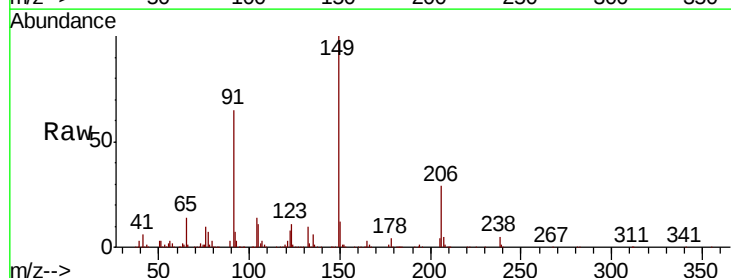
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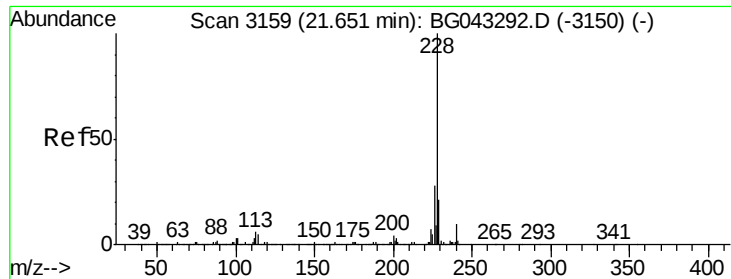
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#80
 Butylbenzylphthalate
 Concen: 39.410 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	54.6	82.0
206	29.2	20.5	30.7





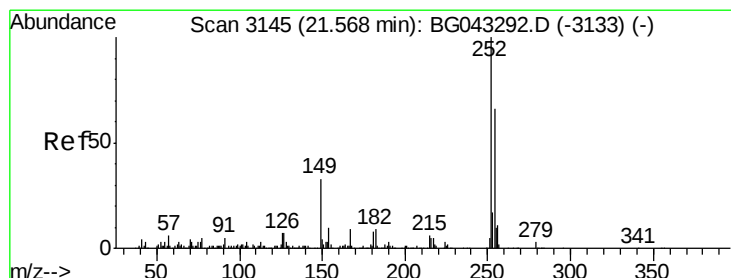
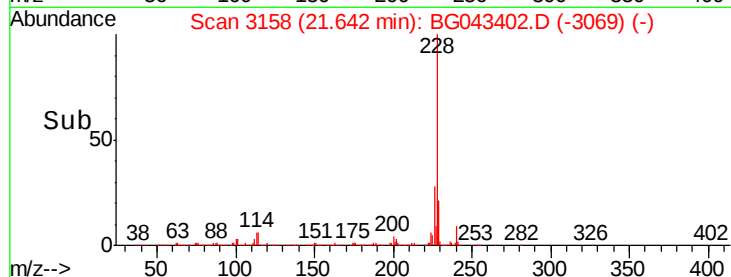
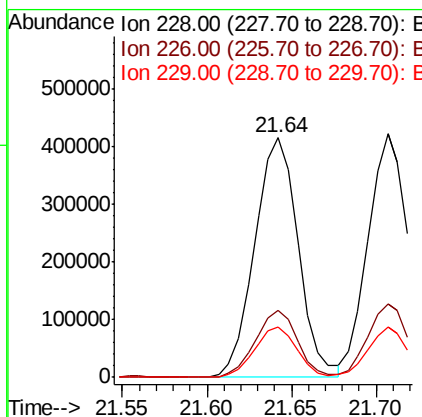
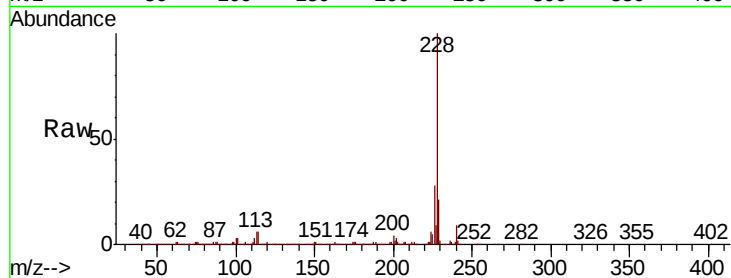
#81
Benzo(a)anthracene
Concen: 40.895 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	21.0	16.9	25.3

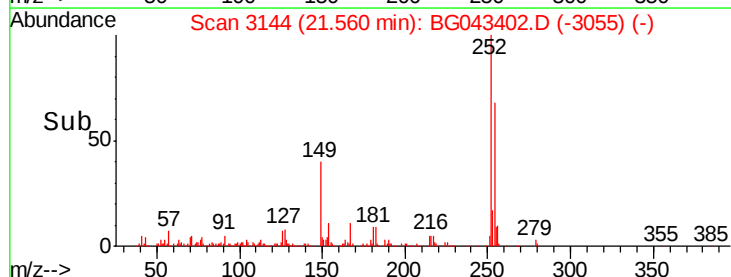
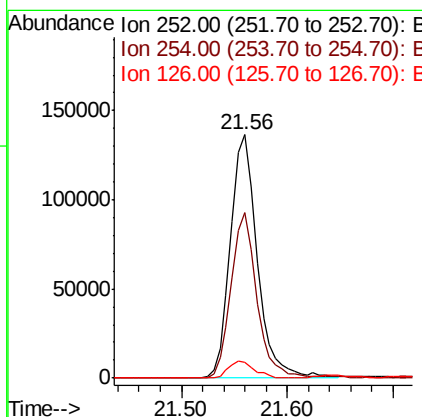
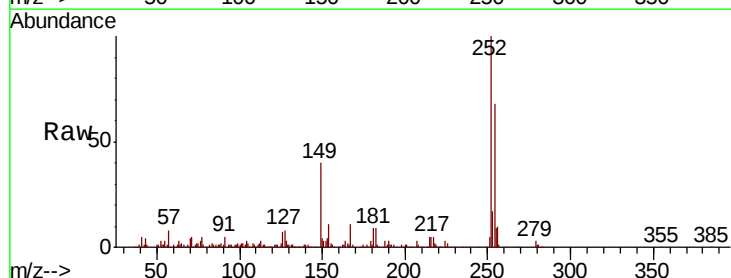
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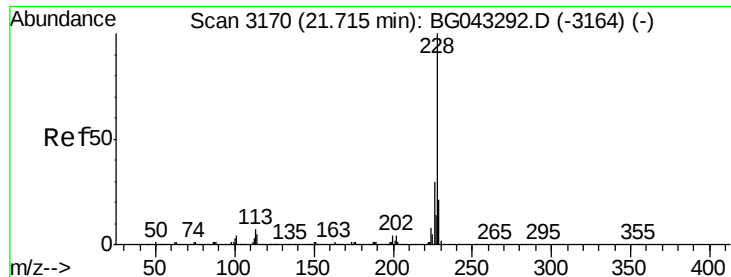
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#82
3,3'-Dichlorobenzidine
Concen: 34.208 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.0	52.7	79.1
126	6.6	5.6	8.4





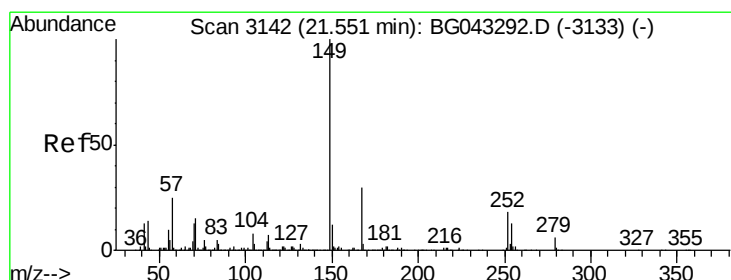
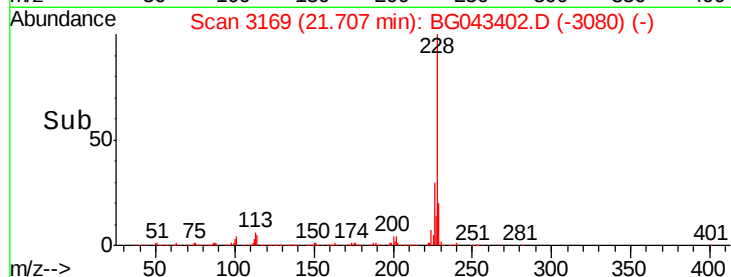
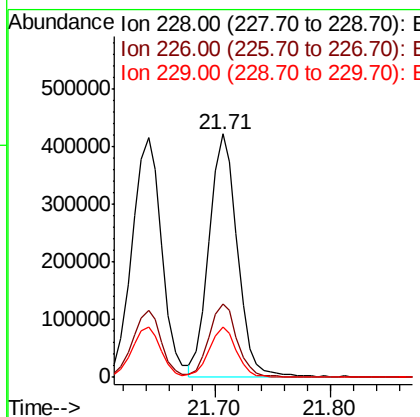
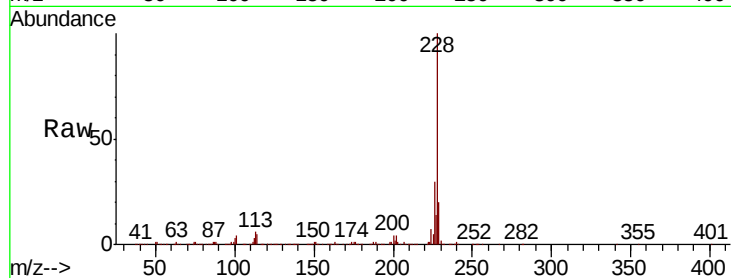
#83
 Chrysene
 Concen: 39.595 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124406BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	20.5	16.3	24.5

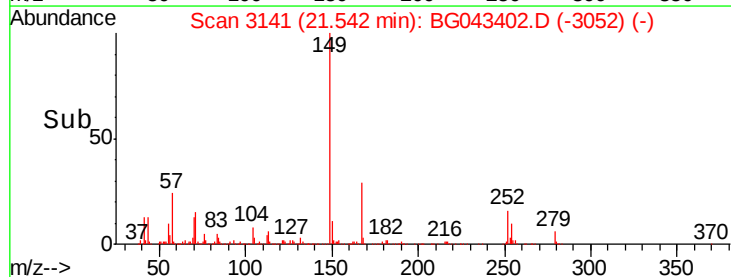
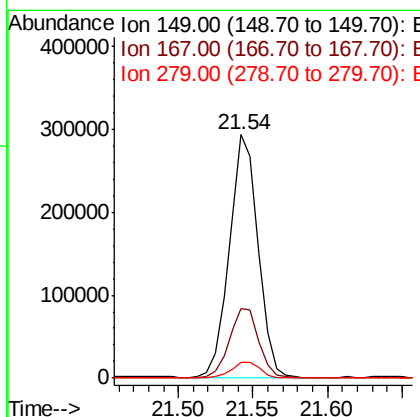
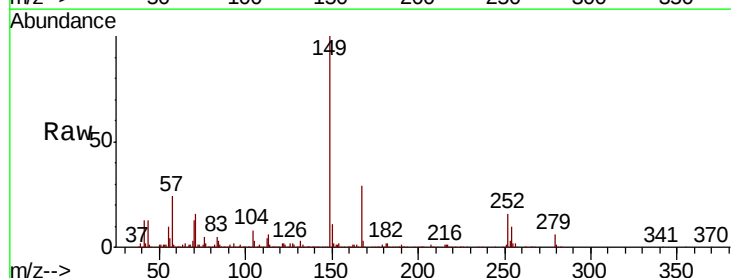
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.638 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043402.D
 Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.9	35.9
279	6.4	4.8	7.2





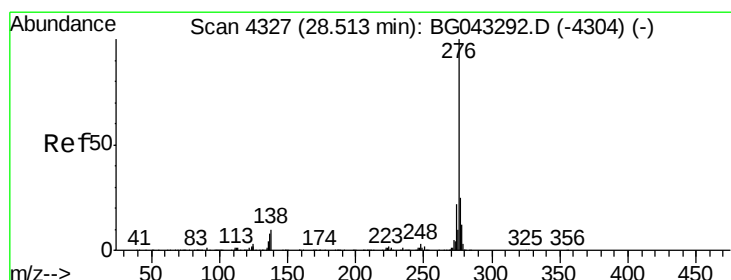
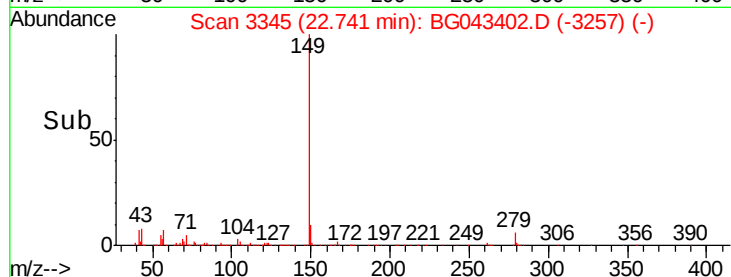
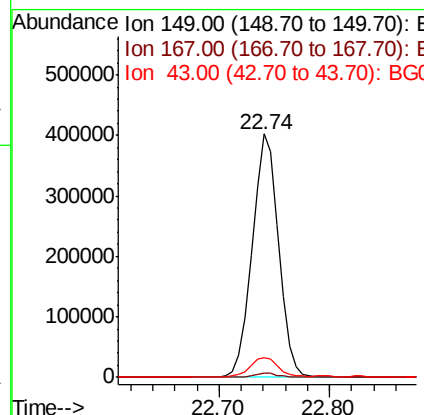
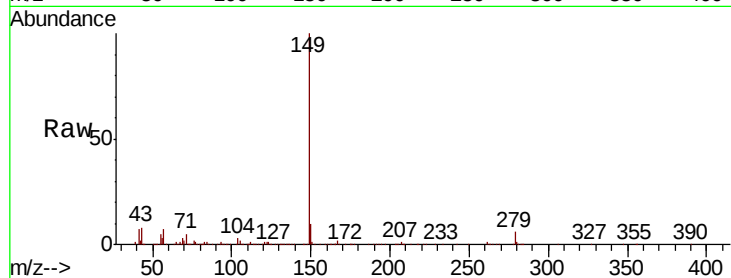
#85
Di-n-octyl phthalate
Concen: 40.992 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	672723		
167	1.7		1.4	2.0
43	8.6		6.9	10.3

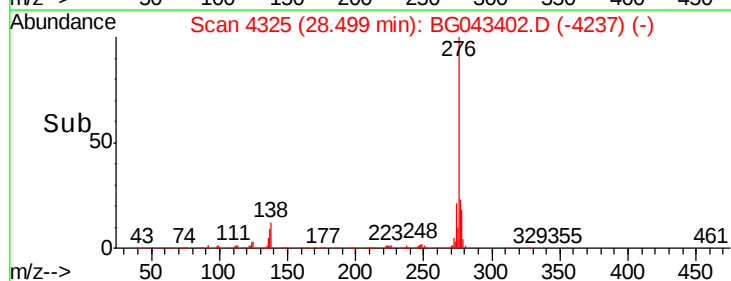
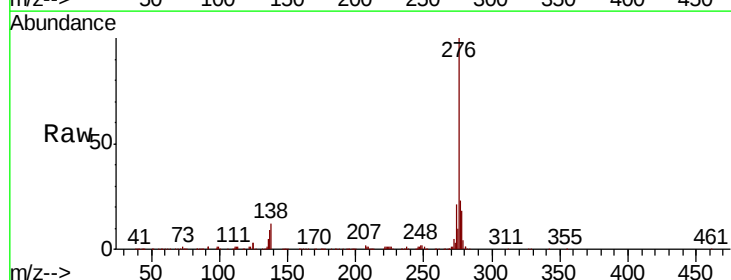
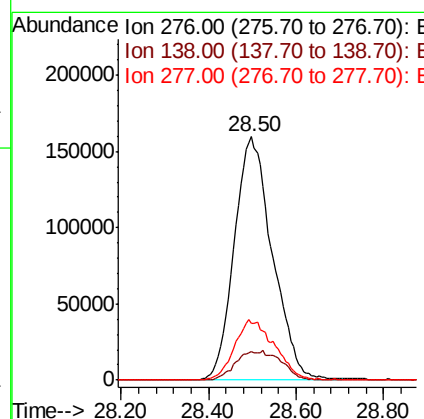
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.599 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	943668		
138	7.0		7.2	10.8#
277	25.9		20.9	31.3





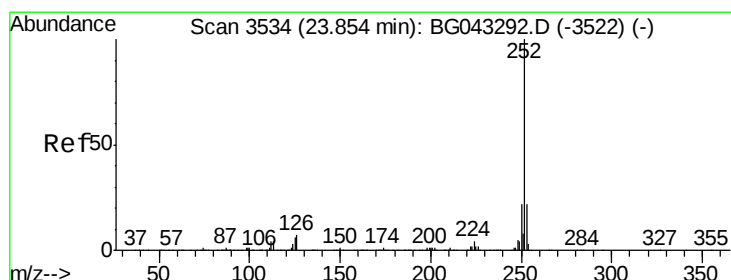
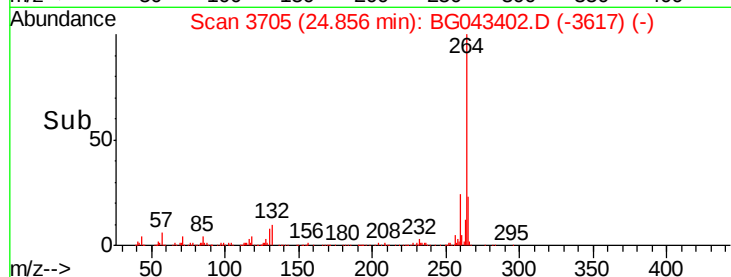
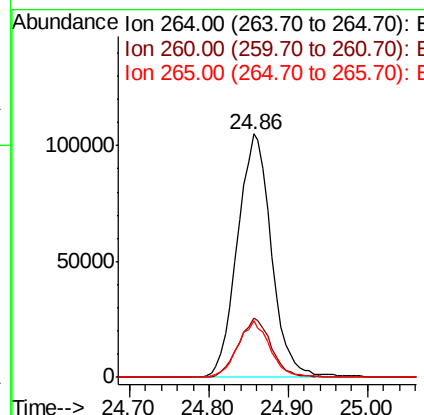
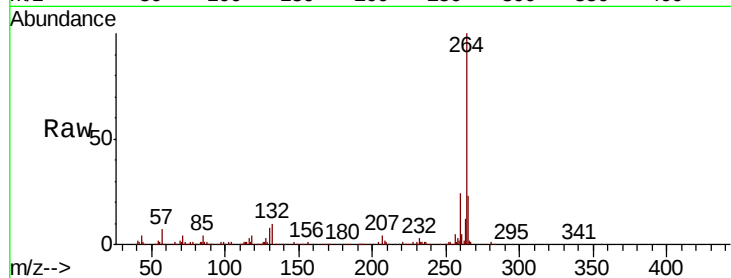
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	23.1	17.4	26.2

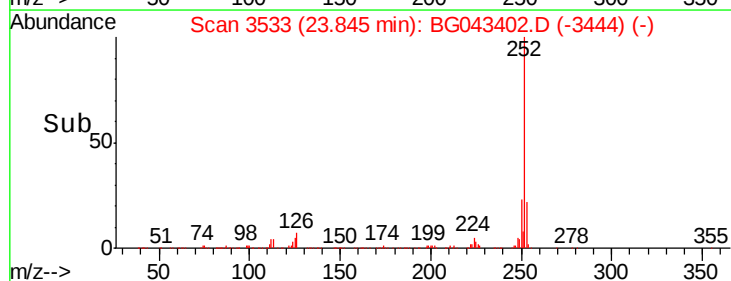
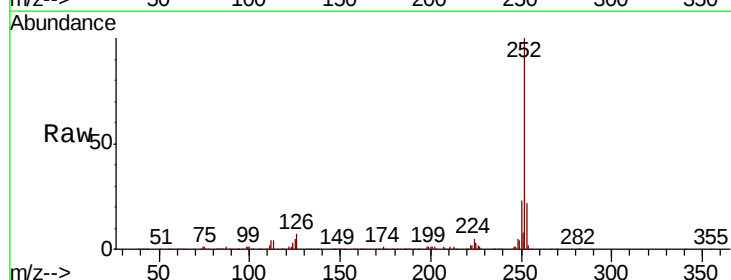
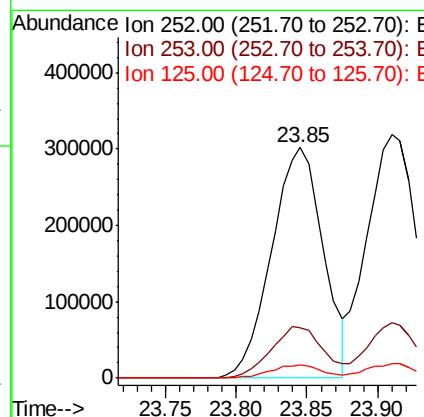
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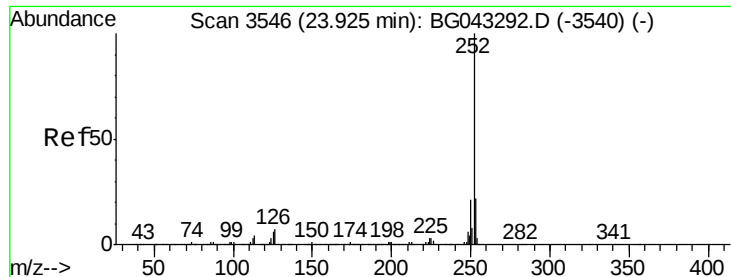
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#88
Benzo(b)fluoranthene
Concen: 43.635 ng
RT: 23.85 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.5	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 44.901 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Instrument :

BNA_G

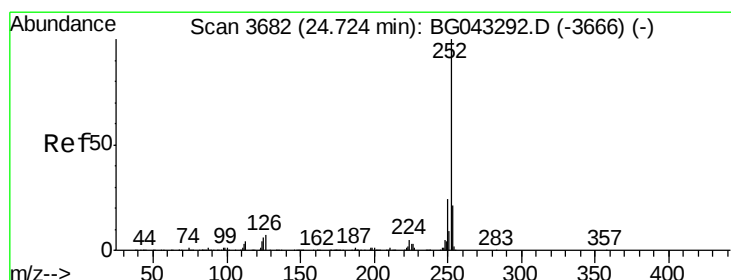
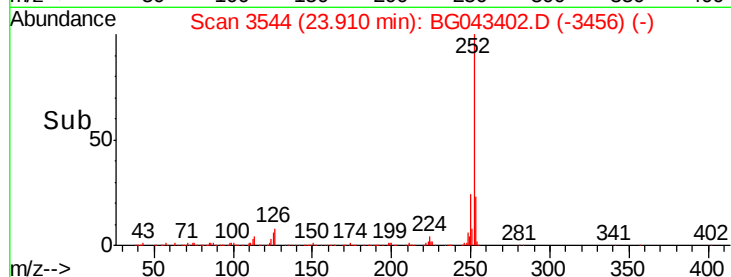
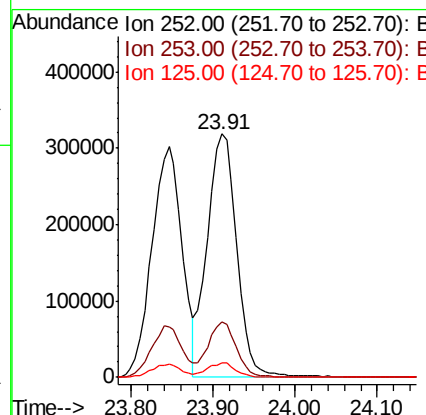
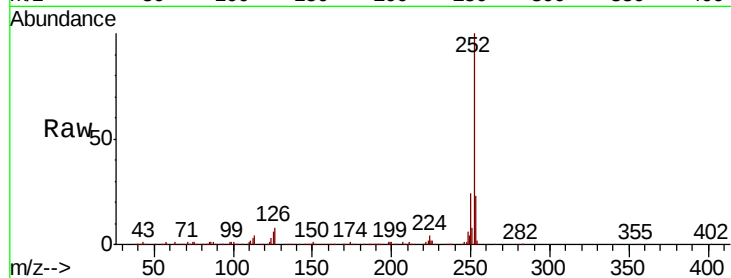
ClientSampleId :

PB124406BS

Tot Ion:	252	Resp:	799735
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	6.0	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 42.884 ng

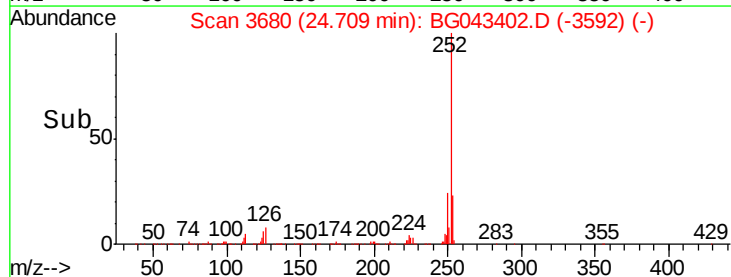
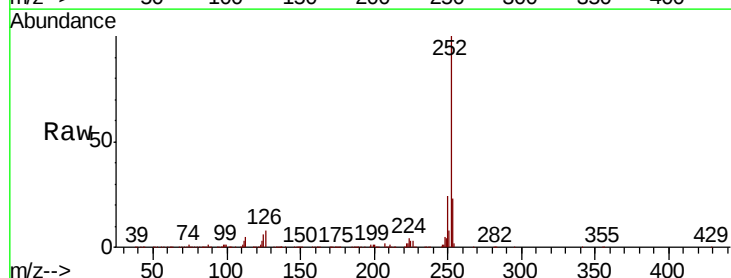
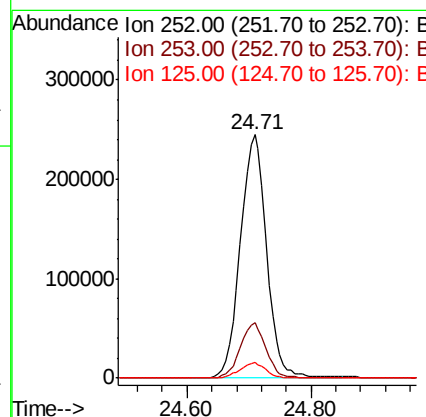
RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043402.D

Acq: 30 Oct 2019 16:02

Tgt Ion:	252	Resp:	724526
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	6.3	5.0	7.6





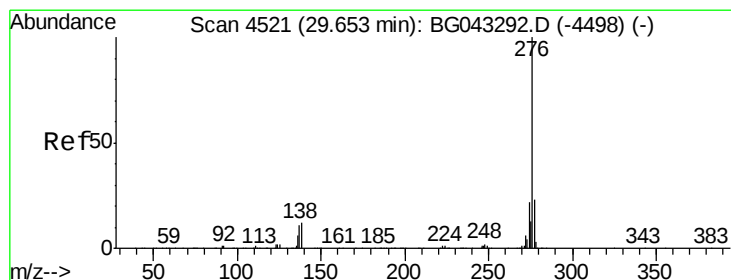
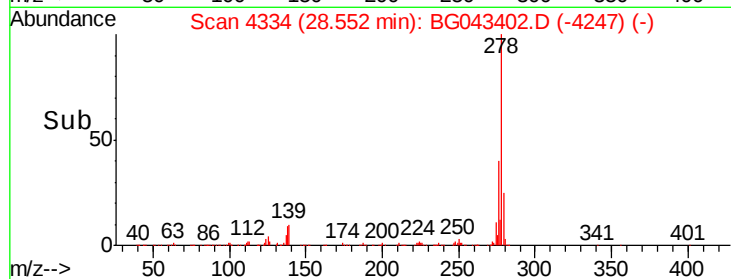
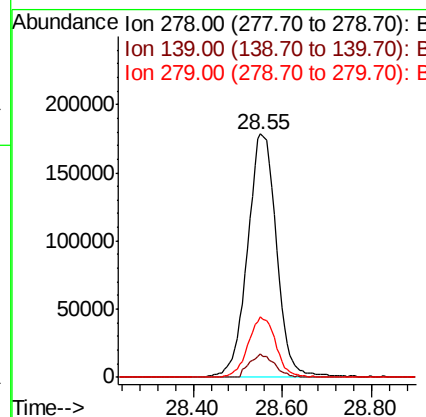
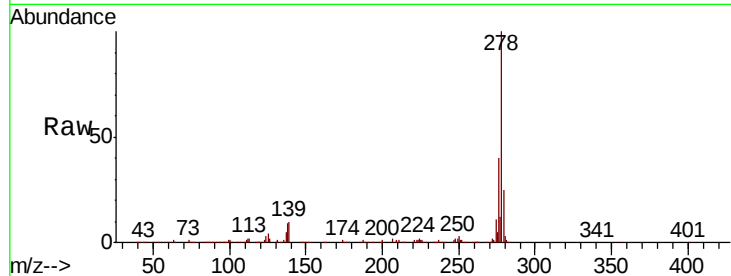
#91
Dibenzo(a,h)anthracene
Concen: 45.951 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Instrument :
BNA_G
ClientSampleId :
PB124406BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	6.8	10.2
279	25.0	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 46.561 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043402.D
Acq: 30 Oct 2019 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.3	27.5
138	11.8	9.3	13.9

